TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-104096-1

Job Description: McCandless

For:
Antea USA, Inc.
500 Summit Lake Drive
Suite 150
Valhalla, NY 10595

Attention: Timothy Fisher

Approved for release.
Grace Chang
Project Manager II
11/13/2015 4:21 PM

Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)593-2579
grace.chang@testamericainc.com
11/13/2015

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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

Table of Contents

Table of Contents

Table of Contents

CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-104096-1

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 11/5/2015 8:15 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.8º C and 4.6º C.

Receipt Exceptions

Received one broken vial for FB sample.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Received 5 containers for sample #26 not 6 as recorded on the COC.

The sample duplicate precision for the following sample associated with analytical batch 460-334512 was outside control limits: PMP-10-NW2-WT (460-104096-1), PMP-2-NW2-WT (460-104096-2), PMP-2-NW2-S (460-104096-3), PMP-2-NW2-12.75 (460-104096-4), PMP-23-NW2-V (460-104096-5), PMP-24-NW2-V (460-104096-6), PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-DV (460-104096-8), PMP-24-NW2-WT (460-104096-9), PMP-4-NW2-V (460-104096-12), PMP-5-NW2-WT (460-104096-13), (460-104050-D-2) and (460-104050-D-2 DU).

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.

1,4-Dioxane failed the recovery criteria high for LCS 460-333935/3. 1,1,2-Trichloroethane and 1,4-Dioxane failed the recovery criteria high for LCS 460-334020/3. 1,4-Dioxane failed the recovery criteria high for LCS 460-334049/4. Methylcyclohexane failed the recovery criteria low for LCS 460-334331/3. 1,4-Dioxane failed the recovery criteria high for LCS 460-334629/5. 1,4-Dioxane failed the recovery criteria high for LCS 460-334781/3. 1,4-Dioxane failed the recovery criteria high for LCSD 460-333935/4. 1,4-Dioxane failed the recovery criteria high for LCSD 460-334020/4. 1,4-Dioxane failed the recovery criteria high for LCSD 460-334049/5. 1,4-Dioxane failed the recovery criteria high for LCSD 460-334331/4. Refer to the QC report for details.

VOLATILE ORGANICS

Samples PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-DV (460-104096-8), PMP-24-NW2-WT (460-104096-9), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-5-NW2-WT (460-104096-13), PMP-5-NW2-S (460-104096-14), PMP-5-NW2-12.75 (460-104096-15), PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), PMP-7-NW2-12.75 (460-104096-24), PMP-9-NW2-WT (460-104096-26), PRA-25 E-1.75 (460-104096-29), PRA-25 E-3.75 (460-104096-30), PRA-25 EE-1.75 (460-104096-31), PRA-25 EE-3.75 (460-104096-32), PRA-6 SE-1.75 (460-104096-33), PRA-5 SE-3.75 (460-104096-34), PRA-2 NW-3.75 (460-104096-35) and Trip Blank (460-104096-38) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 11/06/2015 and analyzed on 11/08/2015, 11/09/2015, 11/10/2015 and 11/11/2015.

1,1,1-Trichloroethane, Freon TF and Tetrachloroethene failed the recovery criteria low for the MS of sample 460-103960-7 in batch 460-334781.

For the MSD of sample 460-103960-7 in batch 460-334781, Tetrachloroethene failed the recovery criteria low. 1,4-Dioxane failed the recovery criteria high. Also, 1,4-Dioxane exceeded the RPD limit.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 334049 recovered outside control limits for the following analyte: 1,4-Dioxane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-334331 recovered outside control limits for the following analytes: Methylcyclohexane and 1,4-Dioxane. These analytes were biased high in the LCS/LCSD. The associated samples data have been flagged and reported.

The continuing calibration verification (CCV) analyzed in batch 460-333935 was outside the method criteria for the following analyte(s): 1,4-Dioxane (biased high) and 1,1,1-Trichloroethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-333935 recovered outside control limits for the following analyte: 1,4-Dioxane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range and due to the abundance of non-target analytes: PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-5-NW2-WT (460-104096-13), PMP-5-NW2-12.75 (460-104096-15), PMP-7-NW2-DV (460-104096-20) and PMP-7-NW2-5.25 (460-104096-21). Elevated reporting limits (RLs) are provided.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-334020 recovered outside control limits for the following analytes: 1,1,2-Trichloroethane and 1,4-Dioxane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted due to the abundance of non-target analytes: PMP-9-NW2-WT (460-104096-26). Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range and due to the abundance of non-target analytes: PMP-7-NW2-WT (460-104096-22) and PMP-7-NW2-S (460-104096-23). Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-DV (460-104096-8) and PMP-24-NW2-WT (460-104096-9). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-334459 was outside the method criteria for the following analyte: Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for batch analytical batch 460-334629 recovered outside control limits for the following analyte:1,4-Dioxane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

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: PMP-5-NW2-S (460-104096-14). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Sample FB_20151105 (460-104096-37) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 11/11/2015.

No difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample FB_20151105 (460-104096-37) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/06/2015 and analyzed on 11/12/2015.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 460-333717/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

2,2'-oxybis[1-chloropropane] failed the recovery criteria high for LCS 460-333717/2-A. 2,2'-oxybis[1-chloropropane] failed the recovery criteria high for LCSD 460-333717/3-A. Refer to the QC report for details.

The continuing calibration verification (CCV) analyzed in batch 460-333958 was outside the method criteria for the following analyte(s): Caprolactam, 2,2'-oxybis[1-chloropropane], Acenaphthene, Hexachlorocyclopentadiene, 2-Nitroaniline and Nitrobenzene-d5. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 333717 had one analyte (2,2'-oxybis[1-chloropropane]) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The method blank for preparation batch 460-333717 and analytical batch 460-333958 contained Bis(2-ethylhexyl) phthalate above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

The continuing calibration verification (CCV) analyzed in batch 460-334254 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane], Hexachlorocyclopentadiene and Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following laboratory control sample (LCS) associated with batch preparation batch 460-334135 and analytical batch 460-334254 contained one acid/base surrogate outside acceptance limits. The laboratory's SOP allows one acid 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.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples PMP-10-NW2-WT (460-104096-1), PMP-2-NW2-WT (460-104096-2), PMP-2-NW2-S (460-104096-3), PMP-2-NW2-12.75 (460-104096-4), PMP-23-NW2-V (460-104096-5), PMP-24-NW2-V (460-104096-6), PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-DV (460-104096-8), PMP-24-NW2-WT (460-104096-9), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-4-NW2-V (460-104096-12), PMP-5-NW2-WT (460-104096-13), PMP-5-NW2-S (460-104096-14), PMP-5-NW2-12.75 (460-104096-15), PMP-6-NW2-WT (460-104096-16), PMP-6-NW2-S (460-104096-17), PMP-6-NW2-12.75 (460-104096-18), PMP-7-NW2-0.75 (460-104096-19), PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), PMP-7-NW2-12.75 (460-104096-24), PMP-8-NW2-V (460-104096-25), PMP-9-NW2-WT (460-104096-26), PMP-9-NW2-S (460-104096-27), PMP-9-NW2-12.75 (460-104096-28), PRA-25 E-1.75 (460-104096-29), PRA-25 E-3.75 (460-104096-30), PRA-25 EE-1.75 (460-104096-31), PRA-25 EE-3.75 (460-104096-32), PRA-6 SE-1.75 (460-104096-33), PRA-5 SE-3.75 (460-104096-34), PRA-2 NW-3.75 (460-104096-35) and DUP_2015_11_05 (460-104096-36) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/09/2015 and 11/10/2015 and analyzed on 11/10/2015 and 11/11/2015.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-S (460-104096-10). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-12.75 (460-104096-11). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-6-NW2-WT (460-104096-16). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-2-NW2-WT (460-104096-2). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-7-NW2-WT (460-104096-22). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-7-NW2-S (460-104096-23). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-9-NW2-WT (460-104096-26). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-V (460-104096-6). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-3.75 (460-104096-7). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-DV (460-104096-8). DCB Decachlorobiphenyl failed the surrogate recovery criteria low for PMP-24-NW2-WT (460-104096-9). Refer to the QC report for details.

Aroclor 1260 failed the recovery criteria low for the MS of sample PMP-10-NW2-WTMS (460-104096-1) in batch 460-334446. Aroclor 1016 failed the recovery criteria high.

Aroclor 1260 failed the recovery criteria low for the MSD of sample PMP-10-NW2-WTMSD (460-104096-1) in batch 460-334446. Aroclor 1016 failed the recovery criteria high.

Refer to the QC report for details.

Samples PMP-10-NW2-WT (460-104096-1)[10X], PMP-2-NW2-WT (460-104096-2)[200X], PMP-2-NW2-S (460-104096-3)[50X],

PMP-24-NW2-V (460-104096-6)[500X], PMP-24-NW2-3.75 (460-104096-7)[2000X], PMP-24-NW2-DV (460-104096-8)[2000X], PMP-24-NW2-WT (460-104096-9)[400X], PMP-24-NW2-S (460-104096-10)[1000X], PMP-24-NW2-12.75 (460-104096-11)[1000X], PMP-5-NW2-WT (460-104096-13)[50X], PMP-5-NW2-S (460-104096-14)[50X], PMP-5-NW2-12.75 (460-104096-15)[10X], PMP-6-NW2-WT (460-104096-16)[100X], PMP-6-NW2-S (460-104096-17)[20X], PMP-7-NW2-DV (460-104096-20)[10X], PMP-7-NW2-5.25 (460-104096-21)[10X], PMP-7-NW2-WT (460-104096-22)[100X], PMP-7-NW2-S (460-104096-23)[500X], PMP-8-NW2-V (460-104096-25)[10X], PMP-9-NW2-WT (460-104096-26)[100X], PMP-9-NW2-S (460-104096-27)[50X], PRA-25 E-3.75 (460-104096-30)[5X], PRA-5 SE-3.75 (460-104096-34)[5X], PRA-2 NW-3.75 (460-104096-35)[10X] and DUP_2015_11_05 (460-104096-36)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples, MS and MSD were diluted to bring the concentration of target analytes within the calibration range: PMP-10-NW2-WT (460-104096-1), PMP-5-NW2-12.75 (460-104096-15), PMP-7-NW2-DV (460-104096-20), (460-104096-A-1-A MS) and (460-104096-A-1-B MSD) at 10.0, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0, 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-6-NW2-S (460-104096-17) at 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-2-NW2-S (460-104096-3) and PMP-5-NW2-WT (460-104096-13) at 50.0, 50.0, 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-2-NW2-WT (460-104096-2) at 200.0 and 200.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-V (460-104096-6) at 500.0 and 500.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-3.75 (460-104096-7) and PMP-24-NW2-DV (460-104096-8) at 2000.0, 2000.0, 2000.0 and 2000.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-WT (460-104096-9) at 400.0 and 400.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-S (460-104096-10) and PMP-24-NW2-12.75 (460-104096-11) at 1000.0, 1000.0, 1000.0 and 1000.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-5-NW2-S (460-104096-14) at 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-6-NW2-WT (460-104096-16) at 100.0 and 100.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PRA-25 E-3.75 (460-104096-30) and PRA-5 SE-3.75 (460-104096-34) at 5.0, 5.0, 5.0 and 5.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PRA-2 NW-3.75 (460-104096-35) at 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: DUP_2015_11_05 (460-104096-36) at 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-7-NW2-5.25 (460-104096-21) and PMP-8-NW2-V (460-104096-25) at 10.0, 10.0, 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

The following samples were diluted to bring the concentration of target analytes within the calibration range: PMP-7-NW2-WT (460-104096-22) and PMP-9-NW2-WT (460-104096-26) at 100.0, 100.0, 100.0 and 100.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-9-NW2-S (460-104096-27) at 50.0 and 50.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-7-NW2-S (460-104096-23) at 500.0 and 500.0. Elevated reporting limits (RLs) are provided.

The following samples, MS and MSD required a mercury clean-up, via EPA Method 3660A, to reduce matrix interferences caused by sulfur: (460-103656-F-10-E), (460-103656-F-10-C MS) and (460-103656-F-10-D MS). The reagent lot number used was: <SLBC3181V>.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Sample FB_20151105 (460-104096-37) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/07/2015 and analyzed on 11/08/2015.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS
Samples PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-DV (460-104096-8), PRA-25 E-1.75 (460-104096-29), PRA-25 E-3.75 (460-104096-30), PRA-25 EE-1.75 (460-104096-31), PRA-25 EE-3.75 (460-104096-32), PRA-6 SE-1.75 (460-104096-33), PRA-5 SE-3.75 (460-104096-34) and PRA-2 NW-3.75 (460-104096-35) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 11/09/2015 and analyzed on 11/10/2015.

Terphenyl-d14 failed the surrogate recovery criteria high for LCS 460-334135/3-A. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS of sample PRA-2 NW-3.75MS (460-104096-35) in batch 460-334252.

Several analytes failed the recovery criteria low for the MSD of sample PRA-2 NW-3.75MSD (460-104096-35) in batch 460-334252. 2,4-Dinitrophenol exceeded the RPD limit.

Refer to the QC report for details.

Samples PMP-24-NW2-3.75 (460-104096-7)[5X], PMP-24-NW2-DV (460-104096-8)[5X] and PRA-2 NW-3.75 (460-104096-35)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS
Samples PMP-24-NW2-WT (460-104096-9), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-5-NW2-S (460-104096-14), PMP-5-NW2-12.75 (460-104096-15), PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), PMP-7-NW2-12.75 (460-104096-24), PMP-9-NW2-WT (460-104096-26), PRA-25 E-1.75 (460-104096-29), PRA-25 E-3.75 (460-104096-30), PRA-25 EE-1.75 (460-104096-31), PRA-25 EE-3.75 (460-104096-32), PRA-6 SE-1.75 (460-104096-33), PRA-5 SE-3.75 (460-104096-34) and PRA-2 NW-3.75 (460-104096-35) were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 11/09/2015 and analyzed on 11/10/2015 and 11/11/2015.

o-Terphenyl failed the surrogate recovery criteria high for PMP-24-NW2-S (460-104096-10). o-Terphenyl failed the surrogate recovery criteria high for PMP-24-NW2-12.75 (460-104096-11). o-Terphenyl failed the surrogate recovery criteria high for PMP-5-NW2-S (460-104096-14). o-Terphenyl failed the surrogate recovery criteria high for PMP-5-NW2-12.75 (460-104096-15). o-Terphenyl failed the surrogate recovery criteria high for PMP-7-NW2-DV (460-104096-20). o-Terphenyl failed the surrogate recovery criteria high for PMP-7-NW2-5.25 (460-104096-21). o-Terphenyl failed the surrogate recovery criteria high for PMP-7-NW2-WT (460-104096-22). o-Terphenyl failed the surrogate recovery criteria high for PMP-7-NW2-S (460-104096-23). o-Terphenyl failed the surrogate recovery criteria high for PMP-9-NW2-WT (460-104096-26). o-Terphenyl failed the surrogate recovery criteria high for PRA-2 NW-3.75 (460-104096-35). o-Terphenyl failed the surrogate recovery criteria high for PMP-24-NW2-WT (460-104096-9). o-Terphenyl failed the surrogate recovery criteria high for PMP-24-NW2-12.75MS (460-104096-11MS). o-Terphenyl failed the surrogate recovery criteria high for PMP-24-NW2-12.75MSD (460-104096-11MSD). Refer to the QC report for details.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for the MS of sample PMP-24-NW2-12.75MS (460-104096-11) in batch 460-334329.

Refer to the QC report for details.

Samples PMP-24-NW2-WT (460-104096-9)[25X], PMP-24-NW2-S (460-104096-10)[20X], PMP-24-NW2-12.75 (460-104096-11)[20X], PMP-5-NW2-S (460-104096-14)[5X], PMP-5-NW2-12.75 (460-104096-15)[5X], PMP-7-NW2-DV (460-104096-20)[10X], PMP-7-NW2-5.25 (460-104096-21)[10X], PMP-7-NW2-WT (460-104096-22)[20X], PMP-7-NW2-S (460-104096-23)[20X], PMP-9-NW2-WT (460-104096-26)[10X] and PRA-2 NW-3.75 (460-104096-35)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-9-NW2-WT (460-104096-26) at 10.0. Elevated reporting limits (RLs) are provided.

Surrogate o-Terphenyl recovery for the following sample was outside control limits: PMP-9-NW2-WT (460-104096-26). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

The following samples was diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-S

(460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), (460-104096-F-11-A MS) and (460-104096-F-11-B MS) at 20.0, 20.0, 20.0, 20.0, 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

The following sample was diluted to bring the concentration of target analytes within the calibration range: PMP-24-NW2-WT (460-104096-9) at 25.0. Elevated reporting limits (RLs) are provided.

The following samples was diluted to bring the concentration of target analytes within the calibration range: PMP-5-NW2-S (460-104096-14) and PMP-5-NW2-12.75 (460-104096-15) at 5.0 and 5.0. Elevated reporting limits (RLs) are provided.

The following samples was diluted to bring the concentration of target analytes within the calibration range: PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21) and PRA-2 NW-3.75 (460-104096-35) at 10.0, 10.0 and 10.0. Elevated reporting limits (RLs) are provided.

Surrogate o-Terphenyl recovery for the following samples was outside control limits: PMP-24-NW2-WT (460-104096-9), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-5-NW2-S (460-104096-14), PMP-5-NW2-12.75 (460-104096-15), PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), PRA-2 NW-3.75 (460-104096-35), (460-104096-F-11-A MS) and (460-104096-F-11-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other difficulties were encountered during the QAM 025 analysis.

All other quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Sample FB_20151105 (460-104096-37) was analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared and analyzed on 11/11/2015.

No difficulties were encountered during the QAM-025 analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples PMP-10-NW2-WT (460-104096-1), PMP-2-NW2-WT (460-104096-2), PMP-2-NW2-S (460-104096-3), PMP-2-NW2-12.75 (460-104096-4), PMP-23-NW2-V (460-104096-5), PMP-24-NW2-V (460-104096-6), PMP-24-NW2-3.75 (460-104096-7), PMP-24-NW2-DV (460-104096-8), PMP-24-NW2-WT (460-104096-9), PMP-24-NW2-S (460-104096-10), PMP-24-NW2-12.75 (460-104096-11), PMP-4-NW2-V (460-104096-12), PMP-5-NW2-WT (460-104096-13), PMP-5-NW2-S (460-104096-14), PMP-5-NW2-12.75 (460-104096-15), PMP-6-NW2-WT (460-104096-16), PMP-6-NW2-S (460-104096-17), PMP-6-NW2-12.75 (460-104096-18), PMP-7-NW2-0.75 (460-104096-19), PMP-7-NW2-DV (460-104096-20), PMP-7-NW2-5.25 (460-104096-21), PMP-7-NW2-WT (460-104096-22), PMP-7-NW2-S (460-104096-23), PMP-7-NW2-12.75 (460-104096-24), PMP-8-NW2-V (460-104096-25), PMP-9-NW2-WT (460-104096-26), PMP-9-NW2-S (460-104096-27), PMP-9-NW2-12.75 (460-104096-28), PRA-25 E-1.75 (460-104096-29), PRA-25 E-3.75 (460-104096-30), PRA-25 EE-1.75 (460-104096-31), PRA-25 EE-3.75 (460-104096-32), PRA-6 SE-1.75 (460-104096-33), PRA-5 SE-3.75 (460-104096-34), PRA-2 NW-3.75 (460-104096-35) and DUP_2015_11_05 (460-104096-36) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 11/10/2015.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-104050-2. Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-104096-1	PMP-10-NW2-WT	Solid	11/05/2015 1335	11/05/2015 2015
460-104096-2	PMP-2-NW2-WT	Solid	11/05/2015 1504	11/05/2015 2015
460-104096-3	PMP-2-NW2-S	Solid	11/05/2015 1506	11/05/2015 2015
460-104096-4	PMP-2-NW2-12.75	Solid	11/05/2015 1508	11/05/2015 2015
460-104096-5	PMP-23-NW2-V	Solid	11/05/2015 0848	11/05/2015 2015
460-104096-6	PMP-24-NW2-V	Solid	11/05/2015 1246	11/05/2015 2015
460-104096-7	PMP-24-NW2-3.75	Solid	11/05/2015 1248	11/05/2015 2015
460-104096-8	PMP-24-NW2-DV	Solid	11/05/2015 1250	11/05/2015 2015
460-104096-9	PMP-24-NW2-WT	Solid	11/05/2015 1240	11/05/2015 2015
460-104096-10	PMP-24-NW2-S	Solid	11/05/2015 1252	11/05/2015 2015
460-104096-11	PMP-24-NW2-12.75	Solid	11/05/2015 1254	11/05/2015 2015
460-104096-12	PMP-4-NW2-V	Solid	11/05/2015 0832	11/05/2015 2015
460-104096-13	PMP-5-NW2-WT	Solid	11/05/2015 1008	11/05/2015 2015
460-104096-14	PMP-5-NW2-S	Solid	11/05/2015 1010	11/05/2015 2015
460-104096-15	PMP-5-NW2-12.75	Solid	11/05/2015 1012	11/05/2015 2015
460-104096-16	PMP-6-NW2-WT	Solid	11/05/2015 0940	11/05/2015 2015
460-104096-17	PMP-6-NW2-S	Solid	11/05/2015 0942	11/05/2015 2015
460-104096-18	PMP-6-NW2-12.75	Solid	11/05/2015 0957	11/05/2015 2015
460-104096-19	PMP-7-NW2-0.75	Solid	11/05/2015 1055	11/05/2015 2015
460-104096-20	PMP-7-NW2-DV	Solid	11/05/2015 1132	11/05/2015 2015
460-104096-21	PMP-7-NW2-5.25	Solid	11/05/2015 1134	11/05/2015 2015
460-104096-22	PMP-7-NW2-WT	Solid	11/05/2015 1121	11/05/2015 2015
460-104096-23	PMP-7-NW2-S	Solid	11/05/2015 1137	11/05/2015 2015
460-104096-24	PMP-7-NW2-12.75	Solid	11/05/2015 1141	11/05/2015 2015
460-104096-25	PMP-8-NW2-V	Solid	11/05/2015 0912	11/05/2015 2015
460-104096-26	PMP-9-NW2-WT	Solid	11/05/2015 1206	11/05/2015 2015
460-104096-27	PMP-9-NW2-S	Solid	11/05/2015 1201	11/05/2015 2015
460-104096-28	PMP-9-NW2-12.75	Solid	11/05/2015 1203	11/05/2015 2015
460-104096-29	PRA-25 E-1.75	Solid	11/05/2015 1545	11/05/2015 2015
460-104096-30	PRA-25 E-3.75	Solid	11/05/2015 1550	11/05/2015 2015
460-104096-31	PRA-25 EE-1.75	Solid	11/05/2015 1535	11/05/2015 2015
460-104096-32	PRA-25 EE-3.75	Solid	11/05/2015 1533	11/05/2015 2015
460-104096-33	PRA-6 SE-1.75	Solid	11/05/2015 0926	11/05/2015 2015
460-104096-34	PRA-5 SE-3.75	Solid	11/05/2015 1028	11/05/2015 2015
460-104096-35	PRA-2 NW-3.75	Solid	11/05/2015 1437	11/05/2015 2015
460-104096-36	DUP_2015_11_05	Solid	11/05/2015 0000	11/05/2015 2015
460-104096-37FB	FB_20151105	Water	11/05/2015 1630	11/05/2015 2015
460-104096-38TB	Trip Blank	Solid	11/05/2015 0000	11/05/2015 2015

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-1	**PMP-10-NW2-WT**					
Aroclor 1242		7300		700	ug/Kg	8082A
Aroclor 1260		1500	F1	700	ug/Kg	8082A
Percent Moisture		4.5		1.0	%	Moisture
Percent Solids		95.5		1.0	%	Moisture
460-104096-2	**PMP-2-NW2-WT**					
Aroclor 1242		150000		14000	ug/Kg	8082A
Aroclor 1260		22000		14000	ug/Kg	8082A
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
460-104096-3	**PMP-2-NW2-S**					
Aroclor 1242		83000		3600	ug/Kg	8082A
Aroclor 1260		14000		3600	ug/Kg	8082A
Percent Moisture		5.8		1.0	%	Moisture
Percent Solids		94.2		1.0	%	Moisture
460-104096-4	**PMP-2-NW2-12.75**					
Aroclor 1242		230		79	ug/Kg	8082A
Percent Moisture		15.3		1.0	%	Moisture
Percent Solids		84.7		1.0	%	Moisture
460-104096-5	**PMP-23-NW2-V**					
Percent Moisture		7.0		1.0	%	Moisture
Percent Solids		93.0		1.0	%	Moisture
460-104096-6	**PMP-24-NW2-V**					
Aroclor 1242		360000		37000	ug/Kg	8082A
Percent Moisture		8.7		1.0	%	Moisture
Percent Solids		91.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-7	**PMP-24-NW2-3.75**					
cis-1,2-Dichloroethene		340		140	ug/Kg	8260C
Chloroform		40	J	140	ug/Kg	8260C
Chlorobenzene		450		140	ug/Kg	8260C
Trichloroethene		5700		140	ug/Kg	8260C
Toluene		150		140	ug/Kg	8260C
1,2-Dichlorobenzene		1700		140	ug/Kg	8260C
1,2,4-Trichlorobenzene		19000		140	ug/Kg	8260C
1,2,3-Trichlorobenzene		3900		140	ug/Kg	8260C
Methylcyclohexane		200		140	ug/Kg	8260C
Tetrachloroethene		970		140	ug/Kg	8260C
Xylenes, Total		1900		290	ug/Kg	8260C
Acetophenone		55	J	1800	ug/Kg	8270D
4-Chloroaniline		580	J	1800	ug/Kg	8270D
2-Methylnaphthalene		130	J	1800	ug/Kg	8270D
Acenaphthene		590	J	1800	ug/Kg	8270D
Phenanthrene		310	J	1800	ug/Kg	8270D
Pyrene		120	J	1800	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		660	J	1800	ug/Kg	8270D
1,2,4,5-Tetrachlorobenzene		390	J	1800	ug/Kg	8270D
Aroclor 1242		1800000		150000	ug/Kg	8082A
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-8	**PMP-24-NW2-DV**					
cis-1,2-Dichloroethene		4600		1800	ug/Kg	8260C
1,1,1-Trichloroethane		2300		1800	ug/Kg	8260C
Benzene		360	J	1800	ug/Kg	8260C
Styrene		39000		1800	ug/Kg	8260C
Ethylbenzene		31000		1800	ug/Kg	8260C
Chlorobenzene		6900		1800	ug/Kg	8260C
Isopropylbenzene		3900		1800	ug/Kg	8260C
Freon TF		27000		1800	ug/Kg	8260C
Trichloroethene		830000		1800	ug/Kg	8260C
Toluene		30000		1800	ug/Kg	8260C
1,2-Dichlorobenzene		10000		1800	ug/Kg	8260C
1,4-Dichlorobenzene		900	J	1800	ug/Kg	8260C
1,2,4-Trichlorobenzene		65000		1800	ug/Kg	8260C
1,2,3-Trichlorobenzene		15000		1800	ug/Kg	8260C
Methylcyclohexane		2600		1800	ug/Kg	8260C
Tetrachloroethene		25000		1800	ug/Kg	8260C
Xylenes, Total		130000		3500	ug/Kg	8260C
Acetophenone		130	J	1900	ug/Kg	8270D
Naphthalene		4900		1900	ug/Kg	8270D
4-Chloroaniline		2900		1900	ug/Kg	8270D
2-Methylnaphthalene		15000		1900	ug/Kg	8270D
Diphenyl		3800		1900	ug/Kg	8270D
Acenaphthene		1100	J	1900	ug/Kg	8270D
Dibenzofuran		630	J	1900	ug/Kg	8270D
Fluorene		550	J	1900	ug/Kg	8270D
Phenanthrene		1000	J	1900	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		770	J	1900	ug/Kg	8270D
1,2,4,5-Tetrachlorobenzene		840	J	1900	ug/Kg	8270D
Aroclor 1242		1700000		150000	ug/Kg	8082A
Percent Moisture		12.1		1.0	%	Moisture
Percent Solids		87.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-9	**PMP-24-NW2-WT**					
cis-1,2-Dichloroethene		4800		1300	ug/Kg	8260C
1,1,1-Trichloroethane		1200	J	1300	ug/Kg	8260C
Styrene		24000		1300	ug/Kg	8260C
Ethylbenzene		23000		1300	ug/Kg	8260C
Chlorobenzene		4900		1300	ug/Kg	8260C
Isopropylbenzene		3000		1300	ug/Kg	8260C
Freon TF		15000		1300	ug/Kg	8260C
Trichloroethene		440000		1300	ug/Kg	8260C
Toluene		17000		1300	ug/Kg	8260C
1,2-Dichlorobenzene		7900		1300	ug/Kg	8260C
1,4-Dichlorobenzene		630	J	1300	ug/Kg	8260C
1,2,4-Trichlorobenzene		49000		1300	ug/Kg	8260C
1,2,3-Trichlorobenzene		11000		1300	ug/Kg	8260C
Methylcyclohexane		3200		1300	ug/Kg	8260C
Tetrachloroethene		20000		1300	ug/Kg	8260C
Xylenes, Total		110000		2500	ug/Kg	8260C
Aroclor 1242		380000		30000	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		2600	D	150	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture
460-104096-10	**PMP-24-NW2-S**					
cis-1,2-Dichloroethene		42	J	96	ug/Kg	8260C
Chloroform		180		96	ug/Kg	8260C
Styrene		220		96	ug/Kg	8260C
Ethylbenzene		460		96	ug/Kg	8260C
Chlorobenzene		200		96	ug/Kg	8260C
Isopropylbenzene		130		96	ug/Kg	8260C
Trichloroethene		4600		96	ug/Kg	8260C
Toluene		260		96	ug/Kg	8260C
1,2-Dichlorobenzene		1800		96	ug/Kg	8260C
1,3-Dichlorobenzene		68	J	96	ug/Kg	8260C
1,4-Dichlorobenzene		280		96	ug/Kg	8260C
1,2,4-Trichlorobenzene		20000		96	ug/Kg	8260C
1,2,3-Trichlorobenzene		3800		96	ug/Kg	8260C
Tetrachloroethene		220		96	ug/Kg	8260C
Xylenes, Total		3600		190	ug/Kg	8260C
Aroclor 1242		480000		75000	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1600	D	120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.9		1.0	%	Moisture
Percent Solids		89.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-11	**PMP-24-NW2-12.75**					
Ethylbenzene		260		83	ug/Kg	8260C
Chlorobenzene		20	J	83	ug/Kg	8260C
Isopropylbenzene		160		83	ug/Kg	8260C
Trichloroethene		78	J	83	ug/Kg	8260C
1,2,4-Trichlorobenzene		3200		83	ug/Kg	8260C
1,2,3-Trichlorobenzene		740		83	ug/Kg	8260C
Methylcyclohexane		590		83	ug/Kg	8260C
Xylenes, Total		560		170	ug/Kg	8260C
Aroclor 1242		1100000		78000	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1800	D	130	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.5		1.0	%	Moisture
Percent Solids		85.5		1.0	%	Moisture
460-104096-12	**PMP-4-NW2-V**					
Aroclor 1242		1000		72	ug/Kg	8082A
Percent Moisture		6.8		1.0	%	Moisture
Percent Solids		93.2		1.0	%	Moisture
460-104096-13	**PMP-5-NW2-WT**					
1,2-Dichlorobenzene		140		95	ug/Kg	8260C
1,3-Dichlorobenzene		270		95	ug/Kg	8260C
1,4-Dichlorobenzene		1200		95	ug/Kg	8260C
1,2,4-Trichlorobenzene		1600		95	ug/Kg	8260C
1,2,3-Trichlorobenzene		1800		95	ug/Kg	8260C
Xylenes, Total		81	J	190	ug/Kg	8260C
Aroclor 1242		50000		3500	ug/Kg	8082A
Aroclor 1260		6900		3500	ug/Kg	8082A
Percent Moisture		3.3		1.0	%	Moisture
Percent Solids		96.7		1.0	%	Moisture
460-104096-14	**PMP-5-NW2-S**					
1,2-Dichlorobenzene		24	J	93	ug/Kg	8260C
1,3-Dichlorobenzene		51	J	93	ug/Kg	8260C
1,4-Dichlorobenzene		170		93	ug/Kg	8260C
1,2,4-Trichlorobenzene		380		93	ug/Kg	8260C
1,2,3-Trichlorobenzene		730		93	ug/Kg	8260C
Aroclor 1242		26000		3500	ug/Kg	8082A
Aroclor 1260		3600		3500	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		430	D	29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-15	**PMP-5-NW2-12.75**					
Ethylbenzene		76	J	91	ug/Kg	8260C
Isopropylbenzene		63	J	91	ug/Kg	8260C
1,2-Dichlorobenzene		190		91	ug/Kg	8260C
1,3-Dichlorobenzene		230		91	ug/Kg	8260C
1,4-Dichlorobenzene		910		91	ug/Kg	8260C
1,2,4-Trichlorobenzene		1000		91	ug/Kg	8260C
1,2,3-Trichlorobenzene		750		91	ug/Kg	8260C
Methylcyclohexane		160		91	ug/Kg	8260C
Xylenes, Total		350		180	ug/Kg	8260C
Aroclor 1242		13000		770	ug/Kg	8082A
Aroclor 1260		1600		770	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		410	D	31	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		12.8		1.0	%	Moisture
Percent Solids		87.2		1.0	%	Moisture
460-104096-16	**PMP-6-NW2-WT**					
Aroclor 1242		83000		7100	ug/Kg	8082A
Percent Moisture		6.3		1.0	%	Moisture
Percent Solids		93.7		1.0	%	Moisture
460-104096-17	**PMP-6-NW2-S**					
Aroclor 1242		29000		1400	ug/Kg	8082A
Percent Moisture		7.5		1.0	%	Moisture
Percent Solids		92.5		1.0	%	Moisture
460-104096-18	**PMP-6-NW2-12.75**					
Aroclor 1242		690		79	ug/Kg	8082A
Percent Moisture		15.2		1.0	%	Moisture
Percent Solids		84.8		1.0	%	Moisture
460-104096-19	**PMP-7-NW2-0.75**					
Aroclor 1242		820		72	ug/Kg	8082A
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-20	**PMP-7-NW2-DV**					
1,2,4-Trichlorobenzene		2200		110	ug/Kg	8260C
Aroclor 1242		13000		700	ug/Kg	8082A
Aroclor 1260		1100		700	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1000	D	58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.5		1.0	%	Moisture
Percent Solids		95.5		1.0	%	Moisture
460-104096-21	**PMP-7-NW2-5.25**					
1,2,4-Trichlorobenzene		840		83	ug/Kg	8260C
Aroclor 1242		6800		730	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1600	D	60	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.2		1.0	%	Moisture
Percent Solids		91.8		1.0	%	Moisture
460-104096-22	**PMP-7-NW2-WT**					
1,2,4-Trichlorobenzene		2500		110	ug/Kg	8260C
1,2,3-Trichlorobenzene		470		110	ug/Kg	8260C
Aroclor 1242		130000		7400	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1600	D	120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture
460-104096-23	**PMP-7-NW2-S**					
Trichloroethene		40	J	160	ug/Kg	8260C
1,2,4-Trichlorobenzene		17000		160	ug/Kg	8260C
1,2,3-Trichlorobenzene		3100		160	ug/Kg	8260C
Aroclor 1242		340000		35000	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1800	D	110	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.7		1.0	%	Moisture
Percent Solids		96.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-24	**PMP-7-NW2-12.75**					
Carbon disulfide		0.54	J	0.90	ug/Kg	8260C
Isopropylbenzene		1.9		0.90	ug/Kg	8260C
1,2,4-Trichlorobenzene		18		0.90	ug/Kg	8260C
1,2,3-Trichlorobenzene		5.3		0.90	ug/Kg	8260C
Methylcyclohexane		1.6	*	0.90	ug/Kg	8260C
Xylenes, Total		0.26	J	1.8	ug/Kg	8260C
Aroclor 1242		530		75	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		12		6.2	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		11.3		1.0	%	Moisture
Percent Solids		88.7		1.0	%	Moisture
460-104096-25	**PMP-8-NW2-V**					
Aroclor 1242		13000		710	ug/Kg	8082A
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture
460-104096-26	**PMP-9-NW2-WT**					
1,2,4-Trichlorobenzene		530		90	ug/Kg	8260C
Aroclor 1242		130000		7000	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		900	D	57	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.8		1.0	%	Moisture
Percent Solids		96.2		1.0	%	Moisture
460-104096-27	**PMP-9-NW2-S**					
Aroclor 1242		73000		3900	ug/Kg	8082A
Percent Moisture		13.1		1.0	%	Moisture
Percent Solids		86.9		1.0	%	Moisture
460-104096-28	**PMP-9-NW2-12.75**					
Aroclor 1242		520		77	ug/Kg	8082A
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-29	**PRA-25 E-1.75**					
Trichloroethene		1.9		0.81	ug/Kg	8260C
Naphthalene		12	J	360	ug/Kg	8270D
2-Methylnaphthalene		17	J	360	ug/Kg	8270D
Aroclor 1242		430		72	ug/Kg	8082A
Aroclor 1260		42	J	72	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		46		5.9	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		7.4		1.0	%	Moisture
Percent Solids		92.6		1.0	%	Moisture
460-104096-30	**PRA-25 E-3.75**					
Trichloroethene		0.88	J	0.96	ug/Kg	8260C
1,2,4-Trichlorobenzene		0.41	J	0.96	ug/Kg	8260C
Aroclor 1248		2800		370	ug/Kg	8082A
Aroclor 1260		880		370	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		110		6.1	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.5		1.0	%	Moisture
Percent Solids		90.5		1.0	%	Moisture
460-104096-31	**PRA-25 EE-1.75**					
Trichloroethene		1.0		0.94	ug/Kg	8260C
Percent Moisture		6.4		1.0	%	Moisture
Percent Solids		93.6		1.0	%	Moisture
460-104096-32	**PRA-25 EE-3.75**					
Trichloroethene		0.99		0.89	ug/Kg	8260C
Naphthalene		15	J	350	ug/Kg	8270D
2-Methylnaphthalene		26	J	350	ug/Kg	8270D
Percent Moisture		5.7		1.0	%	Moisture
Percent Solids		94.3		1.0	%	Moisture
460-104096-33	**PRA-6 SE-1.75**					
Acetone		60		5.9	ug/Kg	8260C
cis-1,2-Dichloroethene		0.99	J	1.2	ug/Kg	8260C
Trichloroethene		2.8		1.2	ug/Kg	8260C
Naphthalene		9.8	J	340	ug/Kg	8270D
2-Methylnaphthalene		15	J	340	ug/Kg	8270D
Total Petroleum Hydrocarbons (C8-C40)		110		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.3		1.0	%	Moisture
Percent Solids		95.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-104096-34	**PRA-5 SE-3.75**					
Trichloroethene		1.2		0.87	ug/Kg	8260C
1,2,4-Trichlorobenzene		0.39	J	0.87	ug/Kg	8260C
Tetrachloroethene		0.27	J	0.87	ug/Kg	8260C
Aroclor 1248		3600		350	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		280		5.8	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-104096-35	**PRA-2 NW-3.75**					
Acetone		9.6		4.5	ug/Kg	8260C
cis-1,2-Dichloroethene		2.4		0.91	ug/Kg	8260C
Chloroform		0.83	J	0.91	ug/Kg	8260C
Isopropylbenzene		0.25	J	0.91	ug/Kg	8260C
Trichloroethene		8.6		0.91	ug/Kg	8260C
1,2-Dichlorobenzene		0.69	J	0.91	ug/Kg	8260C
1,3-Dichlorobenzene		3.0		0.91	ug/Kg	8260C
1,4-Dichlorobenzene		12		0.91	ug/Kg	8260C
Xylenes, Total		0.40	J	1.8	ug/Kg	8260C
2-Methylnaphthalene		270	J F1	1700	ug/Kg	8270D
Phenanthrene		200	J F1	1700	ug/Kg	8270D
Aroclor 1242		4900		700	ug/Kg	8082A
Total Petroleum Hydrocarbons (C8-C40)		1500	D	58	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture
460-104096-36	**DUP_2015_11_05**					
Aroclor 1242		82000		3500	ug/Kg	8082A
Aroclor 1260		13000		3500	ug/Kg	8082A
Percent Moisture		5.5		1.0	%	Moisture
Percent Solids		94.5		1.0	%	Moisture
460-104096-37FB	**FB_20151105**					
Bis(2-ethylhexyl) phthalate		1.3	J B	2.1	ug/L	8270D
460-104096-38TB	**TRIP BLANK**					
Acetone		20		5.0	ug/Kg	8260C

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-104096-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
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	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

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: 460-104096-1

Method	Analyst	Analyst ID
SW846 8260C	Boykin, Kenneth	KLB
SW846 8260C	Martinez, Eddie	EMM
SW846 8260C	Starzec, Margaret	MZS
SW846 8260C	Tupayachi, Audberto	AAT
SW846 8270D	Crocco, Michael	MMC
SW846 8270D	Szczech, Anna	AAS
SW846 8082A	Patel, Jignesh	JHP
NJDEP NJ-OQA-QAM-025	Nimer, Diaa	DAN
EPA Moisture	Elvie, Cloide	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89725.D
Dilution:	50			Initial Weight/Volume:	3.831 g
Analysis Date:	11/08/2015 1804			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		32	U	32	140
Bromomethane		26	U	26	140
Vinyl chloride		29	U	29	140
Chloroethane		53	U	53	140
Methylene Chloride		30	U	30	140
Acetone		150	U	150	720
Carbon disulfide		32	U	32	140
Trichlorofluoromethane		22	U	22	140
1,1-Dichloroethene		49	U	49	140
1,1-Dichloroethane		35	U	35	140
trans-1,2-Dichloroethene		26	U	26	140
cis-1,2-Dichloroethene		340		37	140
Chloroform		40	J	32	140
2-Butanone		320	U	320	720
1,2-Dichloroethane		36	U	36	140
1,1,1-Trichloroethane		40	U	40	140
Carbon tetrachloride		48	U	48	140
Benzene		27	U	27	140
Bromoform		26	U	26	140
Styrene		24	U	24	140
Ethylbenzene		43	U	43	140
Chlorobenzene		450		35	140
Cyclohexane		37	U	37	140
Isopropylbenzene		46	U	46	140
2-Hexanone		100	U	100	720
MTBE		19	U	19	140
Freon TF		49	U	49	140
Methyl acetate		84	U	84	720
1,4-Dioxane		1300	U *	1300	3600
Trichloroethene		5700		32	140
Toluene		150		36	140
trans-1,3-Dichloropropene		27	U	27	140
4-Methyl-2-pentanone		91	U	91	720
cis-1,3-Dichloropropene		23	U	23	140
1,2-Dichlorobenzene		1700		32	140
1,3-Dichlorobenzene		48	U	48	140
1,4-Dichlorobenzene		48	U	48	140
1,2,4-Trichlorobenzene		19000		39	140
1,2,3-Trichlorobenzene		3900		50	140
1,2-Dichloropropane		26	U	26	140
Methylcyclohexane		200		32	140
Tetrachloroethene		970		52	140
Xylenes, Total		1900		40	290
1,2-Dibromo-3-Chloropropane		33	U	33	140
1,1,2,2-Tetrachloroethane		27	U	27	140
1,1,2-Trichloroethane		12	U	12	140

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89725.D
Dilution:	50			Initial Weight/Volume:	3.831 g
Analysis Date:	11/08/2015 1804			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		32	U	32	140
1,2-Dibromoethane		27	U	27	140
Dichlorodifluoromethane		20	U	20	140
Bromochloromethane		43	U	43	140
Bromodichloromethane		22	U	22	140

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		69 - 145
Toluene-d8 (Surr)	101		72 - 136
Bromofluorobenzene	96		64 - 131
Dibromofluoromethane (Surr)	103		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89725.D
Dilution:	50			Initial Weight/Volume:	3.831 g
Analysis Date:	11/08/2015 1804			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.79	7900	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.06	3500	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.29	5700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.46	7300	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.78	4300	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	11.87	8400	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.06	3800	J N
67652-84-0	3,5-Octadiene, 4,5-diethyl-	12.25	4000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	7000	J N
90-12-0	Naphthalene, 1-methyl-	13.48	3900	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-DV**

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89747.D
Dilution:	1000			Initial Weight/Volume:	6.455 g
Analysis Date:	11/09/2015 1801			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		390	U	390	1800
Bromomethane		320	U	320	1800
Vinyl chloride		350	U	350	1800
Chloroethane		650	U	650	1800
Methylene Chloride		370	U	370	1800
Acetone		1900	U	1900	8800
Carbon disulfide		390	U	390	1800
Trichlorofluoromethane		260	U	260	1800
1,1-Dichloroethene		600	U	600	1800
1,1-Dichloroethane		420	U	420	1800
trans-1,2-Dichloroethene		320	U	320	1800
cis-1,2-Dichloroethene		4600		460	1800
Chloroform		390	U	390	1800
2-Butanone		3900	U	3900	8800
1,2-Dichloroethane		440	U	440	1800
1,1,1-Trichloroethane		2300		490	1800
Carbon tetrachloride		580	U	580	1800
Benzene		360	J	330	1800
Bromoform		320	U	320	1800
Styrene		39000		300	1800
Ethylbenzene		31000		530	1800
Chlorobenzene		6900		420	1800
Cyclohexane		460	U	460	1800
Isopropylbenzene		3900		560	1800
2-Hexanone		1300	U	1300	8800
MTBE		230	U	230	1800
Freon TF		27000		600	1800
Methyl acetate		1000	U	1000	8800
1,4-Dioxane		15000	U *	15000	44000
Trichloroethene		830000		390	1800
Toluene		30000		440	1800
trans-1,3-Dichloropropene		330	U	330	1800
4-Methyl-2-pentanone		1100	U	1100	8800
cis-1,3-Dichloropropene		280	U	280	1800
1,2-Dichlorobenzene		10000		390	1800
1,3-Dichlorobenzene		580	U	580	1800
1,4-Dichlorobenzene		900	J	580	1800
1,2,4-Trichlorobenzene		65000		480	1800
1,2,3-Trichlorobenzene		15000		620	1800
1,2-Dichloropropane		320	U	320	1800
Methylcyclohexane		2600		390	1800
Tetrachloroethene		25000		630	1800
Xylenes, Total		130000		490	3500
1,2-Dibromo-3-Chloropropane		410	U	410	1800
1,1,2,2-Tetrachloroethane		330	U	330	1800
1,1,2-Trichloroethane		140	U *	140	1800

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-DV

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89747.D
Dilution:	1000			Initial Weight/Volume:	6.455 g
Analysis Date:	11/09/2015 1801			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		390	U	390	1800
1,2-Dibromoethane		330	U	330	1800
Dichlorodifluoromethane		250	U	250	1800
Bromochloromethane		530	U	530	1800
Bromodichloromethane		260	U	260	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		69 - 145
Toluene-d8 (Surr)	108		72 - 136
Bromofluorobenzene	113		64 - 131
Dibromofluoromethane (Surr)	116		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-DV

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89747.D
Dilution:	1000			Initial Weight/Volume:	6.455 g
Analysis Date:	11/09/2015 1801			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	9.90	39000	J N
91-17-8	Naphthalene, decahydro-	10.79	34000	J N
95-13-6	Indene	10.95	24000	J N
112-40-3	Dodecane	11.69	25000	J N
	Unknown	11.79	24000	J
	Unknown	11.87	24000	J
91-20-3	Naphthalene	12.31	48000	J N
	Unknown	12.43	24000	J
91-57-6	Naphthalene, 2-methyl-	13.29	65000	J N
4453-90-1	1,4-Methanonaphthalene, 1,4-dihydro-	13.49	26000	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-WT

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89746.D
Dilution:	500			Initial Weight/Volume:	4.468 g
Analysis Date:	11/09/2015 1737			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		280	U	280	1300
Bromomethane		230	U	230	1300
Vinyl chloride		250	U	250	1300
Chloroethane		460	U	460	1300
Methylene Chloride		260	U	260	1300
Acetone		1300	U	1300	6300
Carbon disulfide		280	U	280	1300
Trichlorofluoromethane		190	U	190	1300
1,1-Dichloroethene		430	U	430	1300
1,1-Dichloroethane		300	U	300	1300
trans-1,2-Dichloroethene		230	U	230	1300
cis-1,2-Dichloroethene		4800		330	1300
Chloroform		280	U	280	1300
2-Butanone		2800	U	2800	6300
1,2-Dichloroethane		310	U	310	1300
1,1,1-Trichloroethane		1200	J	350	1300
Carbon tetrachloride		410	U	410	1300
Benzene		240	U	240	1300
Bromoform		230	U	230	1300
Styrene		24000		210	1300
Ethylbenzene		23000		380	1300
Chlorobenzene		4900		300	1300
Cyclohexane		330	U	330	1300
Isopropylbenzene		3000		400	1300
2-Hexanone		900	U	900	6300
MTBE		160	U	160	1300
Freon TF		15000		430	1300
Methyl acetate		730	U	730	6300
1,4-Dioxane		11000	U *	11000	31000
Trichloroethene		440000		280	1300
Toluene		17000		310	1300
trans-1,3-Dichloropropene		240	U	240	1300
4-Methyl-2-pentanone		790	U	790	6300
cis-1,3-Dichloropropene		200	U	200	1300
1,2-Dichlorobenzene		7900		280	1300
1,3-Dichlorobenzene		410	U	410	1300
1,4-Dichlorobenzene		630	J	410	1300
1,2,4-Trichlorobenzene		49000		340	1300
1,2,3-Trichlorobenzene		11000		440	1300
1,2-Dichloropropane		230	U	230	1300
Methylcyclohexane		3200		280	1300
Tetrachloroethene		20000		450	1300
Xylenes, Total		110000		350	2500
1,2-Dibromo-3-Chloropropane		290	U	290	1300
1,1,2,2-Tetrachloroethane		240	U	240	1300
1,1,2-Trichloroethane		100	U *	100	1300

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-WT

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89746.D
Dilution:	500			Initial Weight/Volume:	4.468 g
Analysis Date:	11/09/2015 1737			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		280	U	280	1300
1,2-Dibromoethane		240	U	240	1300
Dichlorodifluoromethane		180	U	180	1300
Bromochloromethane		380	U	380	1300
Bromodichloromethane		190	U	190	1300

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		69 - 145
Toluene-d8 (Surr)	90		72 - 136
Bromofluorobenzene	79		64 - 131
Dibromofluoromethane (Surr)	84		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-WT

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89746.D
Dilution:	500			Initial Weight/Volume:	4.468 g
Analysis Date:	11/09/2015 1737			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1404				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-92-8	Cyclohexane, propyl-	9.26	32000	J N
	Unknown	9.87	32000	J
124-18-5	Decane	9.90	52000	J N
91-17-8	Naphthalene, decahydro-	10.79	58000	J N
112-40-3	Dodecane	11.69	34000	J N
	Unknown	11.79	38000	J
	Unknown	11.87	37000	J
91-20-3	Naphthalene	12.31	34000	J N
629-50-5	Tridecane	12.44	36000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	68000	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-S

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89724.D
Dilution:	50			Initial Weight/Volume:	5.865 g
Analysis Date:	11/08/2015 1740			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		21	U	21	96
Bromomethane		17	U	17	96
Vinyl chloride		19	U	19	96
Chloroethane		35	U	35	96
Methylene Chloride		20	U	20	96
Acetone		100	U	100	480
Carbon disulfide		21	U	21	96
Trichlorofluoromethane		14	U	14	96
1,1-Dichloroethene		33	U	33	96
1,1-Dichloroethane		23	U	23	96
trans-1,2-Dichloroethene		17	U	17	96
cis-1,2-Dichloroethene		42	J	25	96
Chloroform		180		21	96
2-Butanone		210	U	210	480
1,2-Dichloroethane		24	U	24	96
1,1,1-Trichloroethane		27	U	27	96
Carbon tetrachloride		32	U	32	96
Benzene		18	U	18	96
Bromoform		17	U	17	96
Styrene		220		16	96
Ethylbenzene		460		29	96
Chlorobenzene		200		23	96
Cyclohexane		25	U	25	96
Isopropylbenzene		130		31	96
2-Hexanone		69	U	69	480
MTBE		12	U	12	96
Freon TF		33	U	33	96
Methyl acetate		55	U	55	480
1,4-Dioxane		830	U *	830	2400
Trichloroethene		4600		21	96
Toluene		260		24	96
trans-1,3-Dichloropropene		18	U	18	96
4-Methyl-2-pentanone		60	U	60	480
cis-1,3-Dichloropropene		15	U	15	96
1,2-Dichlorobenzene		1800		21	96
1,3-Dichlorobenzene		68	J	32	96
1,4-Dichlorobenzene		280		32	96
1,2,4-Trichlorobenzene		20000		26	96
1,2,3-Trichlorobenzene		3800		33	96
1,2-Dichloropropane		17	U	17	96
Methylcyclohexane		21	U	21	96
Tetrachloroethene		220		34	96
Xylenes, Total		3600		27	190
1,2-Dibromo-3-Chloropropane		22	U	22	96
1,1,2,2-Tetrachloroethane		18	U	18	96
1,1,2-Trichloroethane		7.7	U	7.7	96

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-S

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89724.D
Dilution:	50			Initial Weight/Volume:	5.865 g
Analysis Date:	11/08/2015 1740			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		21	U	21	96
1,2-Dibromoethane		18	U	18	96
Dichlorodifluoromethane		13	U	13	96
Bromochloromethane		29	U	29	96
Bromodichloromethane		14	U	14	96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		69 - 145
Toluene-d8 (Surr)	103		72 - 136
Bromofluorobenzene	99		64 - 131
Dibromofluoromethane (Surr)	98		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-S

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89724.D
Dilution:	50			Initial Weight/Volume:	5.865 g
Analysis Date:	11/08/2015 1740			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	9.28	4200	J
493-02-7	Naphthalene, decahydro-, trans-	10.78	8200	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.06	3900	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.45	6500	J N
	Unknown	11.50	3700	J
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.78	5400	J N
	Unknown	11.87	6000	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.07	4000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	4500	J N

Client Sample ID: **PMP-24-NW2-12.75**

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89723.D
Dilution:	50			Initial Weight/Volume:	7.054 g
Analysis Date:	11/08/2015 1717			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		18	U	18	83
Bromomethane		15	U	15	83
Vinyl chloride		17	U	17	83
Chloroethane		31	U	31	83
Methylene Chloride		17	U	17	83
Acetone		89	U	89	410
Carbon disulfide		18	U	18	83
Trichlorofluoromethane		12	U	12	83
1,1-Dichloroethene		28	U	28	83
1,1-Dichloroethane		20	U	20	83
trans-1,2-Dichloroethene		15	U	15	83
cis-1,2-Dichloroethene		22	U	22	83
Chloroform		18	U	18	83
2-Butanone		180	U	180	410
1,2-Dichloroethane		21	U	21	83
1,1,1-Trichloroethane		23	U	23	83
Carbon tetrachloride		27	U	27	83
Benzene		16	U	16	83
Bromoform		15	U	15	83
Styrene		14	U	14	83
Ethylbenzene		260		25	83
Chlorobenzene		20	J	20	83
Cyclohexane		22	U	22	83
Isopropylbenzene		160		27	83
2-Hexanone		60	U	60	410
MTBE		11	U	11	83
Freon TF		28	U	28	83
Methyl acetate		48	U	48	410
1,4-Dioxane		720	U *	720	2100
Trichloroethene		78	J	18	83
Toluene		21	U	21	83
trans-1,3-Dichloropropene		16	U	16	83
4-Methyl-2-pentanone		52	U	52	410
cis-1,3-Dichloropropene		13	U	13	83
1,2-Dichlorobenzene		18	U	18	83
1,3-Dichlorobenzene		27	U	27	83
1,4-Dichlorobenzene		27	U	27	83
1,2,4-Trichlorobenzene		3200		22	83
1,2,3-Trichlorobenzene		740		29	83
1,2-Dichloropropane		15	U	15	83
Methylcyclohexane		590		18	83
Tetrachloroethene		30	U	30	83
Xylenes, Total		560		23	170
1,2-Dibromo-3-Chloropropane		19	U	19	83
1,1,2,2-Tetrachloroethane		16	U	16	83
1,1,2-Trichloroethane		6.6	U	6.6	83

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-12.75

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89723.D
Dilution:	50			Initial Weight/Volume:	7.054 g
Analysis Date:	11/08/2015 1717			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	83
1,2-Dibromoethane		16	U	16	83
Dichlorodifluoromethane		12	U	12	83
Bromochloromethane		25	U	25	83
Bromodichloromethane		12	U	12	83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		69 - 145
Toluene-d8 (Surr)	101		72 - 136
Bromofluorobenzene	98		64 - 131
Dibromofluoromethane (Surr)	95		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-12.75

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89723.D
Dilution:	50			Initial Weight/Volume:	7.054 g
Analysis Date:	11/08/2015 1717			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1678-92-8	Cyclohexane, propyl-	9.26	2500	J N
124-18-5	Decane	9.90	2900	J N
91-17-8	Naphthalene, decahydro-	10.79	3500	J N
1120-21-4	Undecane	10.86	3700	J N
	Unknown	11.45	2700	J
112-40-3	Dodecane	11.69	2900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.78	3000	J N
	Unknown	11.87	3400	J
629-50-5	Tridecane	12.43	2500	J N
91-57-6	Naphthalene, 2-methyl-	13.29	2500	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-WT

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid % Moisture: 3.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89722.D
Dilution:	50			Initial Weight/Volume:	5.46 g
Analysis Date:	11/08/2015 1653			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		21	U	21	95
Bromomethane		17	U	17	95
Vinyl chloride		19	U	19	95
Chloroethane		35	U	35	95
Methylene Chloride		20	U	20	95
Acetone		100	U	100	470
Carbon disulfide		21	U	21	95
Trichlorofluoromethane		14	U	14	95
1,1-Dichloroethene		32	U	32	95
1,1-Dichloroethane		23	U	23	95
trans-1,2-Dichloroethene		17	U	17	95
cis-1,2-Dichloroethene		25	U	25	95
Chloroform		21	U	21	95
2-Butanone		210	U	210	470
1,2-Dichloroethane		24	U	24	95
1,1,1-Trichloroethane		27	U	27	95
Carbon tetrachloride		31	U	31	95
Benzene		18	U	18	95
Bromoform		17	U	17	95
Styrene		16	U	16	95
Ethylbenzene		28	U	28	95
Chlorobenzene		23	U	23	95
Cyclohexane		25	U	25	95
Isopropylbenzene		30	U	30	95
2-Hexanone		68	U	68	470
MTBE		12	U	12	95
Freon TF		32	U	32	95
Methyl acetate		55	U	55	470
1,4-Dioxane		820	U *	820	2400
Trichloroethene		21	U	21	95
Toluene		24	U	24	95
trans-1,3-Dichloropropene		18	U	18	95
4-Methyl-2-pentanone		60	U	60	470
cis-1,3-Dichloropropene		15	U	15	95
1,2-Dichlorobenzene		140		21	95
1,3-Dichlorobenzene		270		31	95
1,4-Dichlorobenzene		1200		31	95
1,2,4-Trichlorobenzene		1600		26	95
1,2,3-Trichlorobenzene		1800		33	95
1,2-Dichloropropane		17	U	17	95
Methylcyclohexane		21	U	21	95
Tetrachloroethene		34	U	34	95
Xylenes, Total		81	J	27	190
1,2-Dibromo-3-Chloropropane		22	U	22	95
1,1,2,2-Tetrachloroethane		18	U	18	95
1,1,2-Trichloroethane		7.6	U	7.6	95

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-WT

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid % Moisture: 3.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89722.D
Dilution:	50			Initial Weight/Volume:	5.46 g
Analysis Date:	11/08/2015 1653			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		21	U	21	95
1,2-Dibromoethane		18	U	18	95
Dichlorodifluoromethane		13	U	13	95
Bromochloromethane		28	U	28	95
Bromodichloromethane		14	U	14	95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		69 - 145
Toluene-d8 (Surr)	104		72 - 136
Bromofluorobenzene	103		64 - 131
Dibromofluoromethane (Surr)	103		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-WT

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid % Moisture: 3.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89722.D
Dilution:	50			Initial Weight/Volume:	5.46 g
Analysis Date:	11/08/2015 1653			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
91-17-8	Naphthalene, decahydro-	10.79	6100	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4400	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	11.45	5500	J N
	Unknown	11.55	4000	J
	Unknown	11.79	6600	J
	Unknown	11.87	8600	J
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.06	5900	J N
	Unknown	12.23	4000	J
	Unknown	12.43	3900	J
	Unknown	13.05	4100	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89850.D
Dilution:	50			Initial Weight/Volume:	5.624 g
Analysis Date:	11/11/2015 1359			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		20	U	20	93
Bromomethane		17	U	17	93
Vinyl chloride		19	U	19	93
Chloroethane		34	U	34	93
Methylene Chloride		20	U	20	93
Acetone		99	U	99	460
Carbon disulfide		20	U	20	93
Trichlorofluoromethane		14	U	14	93
1,1-Dichloroethene		32	U	32	93
1,1-Dichloroethane		22	U	22	93
trans-1,2-Dichloroethene		17	U	17	93
cis-1,2-Dichloroethene		24	U	24	93
Chloroform		20	U	20	93
2-Butanone		200	U	200	460
1,2-Dichloroethane		23	U	23	93
1,1,1-Trichloroethane		26	U	26	93
Carbon tetrachloride		31	U	31	93
Benzene		18	U	18	93
Bromoform		17	U	17	93
Styrene		16	U	16	93
Ethylbenzene		28	U	28	93
Chlorobenzene		22	U	22	93
Cyclohexane		24	U	24	93
Isopropylbenzene		30	U	30	93
2-Hexanone		67	U	67	460
MTBE		12	U	12	93
Freon TF		32	U	32	93
Methyl acetate		54	U	54	460
1,4-Dioxane		810	U *	810	2300
Trichloroethene		20	U	20	93
Toluene		23	U	23	93
trans-1,3-Dichloropropene		18	U	18	93
4-Methyl-2-pentanone		59	U	59	460
cis-1,3-Dichloropropene		15	U	15	93
1,2-Dichlorobenzene		24	J	20	93
1,3-Dichlorobenzene		51	J	31	93
1,4-Dichlorobenzene		170		31	93
1,2,4-Trichlorobenzene		380		25	93
1,2,3-Trichlorobenzene		730		33	93
1,2-Dichloropropane		17	U	17	93
Methylcyclohexane		20	U	20	93
Tetrachloroethene		33	U	33	93
Xylenes, Total		26	U	26	190
1,2-Dibromo-3-Chloropropane		21	U	21	93
1,1,2,2-Tetrachloroethane		18	U	18	93
1,1,2-Trichloroethane		7.4	U	7.4	93

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89850.D
Dilution:	50			Initial Weight/Volume:	5.624 g
Analysis Date:	11/11/2015 1359			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	93
1,2-Dibromoethane		18	U	18	93
Dichlorodifluoromethane		13	U	13	93
Bromochloromethane		28	U	28	93
Bromodichloromethane		14	U	14	93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		69 - 145
Toluene-d8 (Surr)	105		72 - 136
Bromofluorobenzene	104		64 - 131
Dibromofluoromethane (Surr)	99		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89850.D
Dilution:	50			Initial Weight/Volume:	5.624 g
Analysis Date:	11/11/2015 1359			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1405				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-75-0	1-Methyldecahydronaphthalene	11.47	2200	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.88	5100	J N
	Unknown	12.07	2200	J
1124-27-2	Cyclohexane, 1-methyl-4-(1-methylethylid	12.27	2300	J N
	Unknown	12.34	2800	J
	Unknown	12.45	2200	J
	Unknown	12.59	2800	J
	Unknown	12.87	2400	J
	Unknown	12.94	2900	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.64	3300	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-12.75

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89719.D
Dilution:	50			Initial Weight/Volume:	6.334 g
Analysis Date:	11/08/2015 1542			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		20	U	20	91
Bromomethane		16	U	16	91
Vinyl chloride		18	U	18	91
Chloroethane		33	U	33	91
Methylene Chloride		19	U	19	91
Acetone		97	U	97	450
Carbon disulfide		20	U	20	91
Trichlorofluoromethane		14	U	14	91
1,1-Dichloroethene		31	U	31	91
1,1-Dichloroethane		22	U	22	91
trans-1,2-Dichloroethene		16	U	16	91
cis-1,2-Dichloroethene		24	U	24	91
Chloroform		20	U	20	91
2-Butanone		200	U	200	450
1,2-Dichloroethane		23	U	23	91
1,1,1-Trichloroethane		25	U	25	91
Carbon tetrachloride		30	U	30	91
Benzene		17	U	17	91
Bromoform		16	U	16	91
Styrene		15	U	15	91
Ethylbenzene		76	J	27	91
Chlorobenzene		22	U	22	91
Cyclohexane		24	U	24	91
Isopropylbenzene		63	J	29	91
2-Hexanone		65	U	65	450
MTBE		12	U	12	91
Freon TF		31	U	31	91
Methyl acetate		53	U	53	450
1,4-Dioxane		790	U *	790	2300
Trichloroethene		20	U	20	91
Toluene		23	U	23	91
trans-1,3-Dichloropropene		17	U	17	91
4-Methyl-2-pentanone		57	U	57	450
cis-1,3-Dichloropropene		14	U	14	91
1,2-Dichlorobenzene		190		20	91
1,3-Dichlorobenzene		230		30	91
1,4-Dichlorobenzene		910		30	91
1,2,4-Trichlorobenzene		1000		24	91
1,2,3-Trichlorobenzene		750		32	91
1,2-Dichloropropane		16	U	16	91
Methylcyclohexane		160		20	91
Tetrachloroethene		33	U	33	91
Xylenes, Total		350		25	180
1,2-Dibromo-3-Chloropropane		21	U	21	91
1,1,2,2-Tetrachloroethane		17	U	17	91
1,1,2-Trichloroethane		7.2	U	7.2	91

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-12.75

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89719.D
Dilution:	50			Initial Weight/Volume:	6.334 g
Analysis Date:	11/08/2015 1542			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	91
1,2-Dibromoethane		17	U	17	91
Dichlorodifluoromethane		13	U	13	91
Bromochloromethane		27	U	27	91
Bromodichloromethane		14	U	14	91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		69 - 145
Toluene-d8 (Surr)	131		72 - 136
Bromofluorobenzene	126		64 - 131
Dibromofluoromethane (Surr)	126		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-12.75

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89719.D
Dilution:	50			Initial Weight/Volume:	6.334 g
Analysis Date:	11/08/2015 1542			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
124-18-5	Decane	9.91	7900	J N
1678-98-4	Cyclohexane, (2-methylpropyl)-	10.39	6300	J N
91-17-8	Naphthalene, decahydro-	10.79	11000	J N
	Unknown	11.01	6900	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	8500	J N
	Unknown	11.33	7300	J
	Unknown	11.45	9300	J
112-40-3	Dodecane	11.69	6800	J N
	Unknown	11.87	13000	J
	Unknown	12.16	11000	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-DV

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89720.D
Dilution:	50			Initial Weight/Volume:	4.973 g
Analysis Date:	11/08/2015 1606			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		23	U	23	110
Bromomethane		19	U	19	110
Vinyl chloride		21	U	21	110
Chloroethane		39	U	39	110
Methylene Chloride		22	U	22	110
Acetone		110	U	110	530
Carbon disulfide		23	U	23	110
Trichlorofluoromethane		16	U	16	110
1,1-Dichloroethene		36	U	36	110
1,1-Dichloroethane		25	U	25	110
trans-1,2-Dichloroethene		19	U	19	110
cis-1,2-Dichloroethene		27	U	27	110
Chloroform		23	U	23	110
2-Butanone		230	U	230	530
1,2-Dichloroethane		26	U	26	110
1,1,1-Trichloroethane		29	U	29	110
Carbon tetrachloride		35	U	35	110
Benzene		20	U	20	110
Bromoform		19	U	19	110
Styrene		18	U	18	110
Ethylbenzene		32	U	32	110
Chlorobenzene		25	U	25	110
Cyclohexane		27	U	27	110
Isopropylbenzene		34	U	34	110
2-Hexanone		76	U	76	530
MTBE		14	U	14	110
Freon TF		36	U	36	110
Methyl acetate		61	U	61	530
1,4-Dioxane		920	U *	920	2600
Trichloroethene		23	U	23	110
Toluene		26	U	26	110
trans-1,3-Dichloropropene		20	U	20	110
4-Methyl-2-pentanone		66	U	66	530
cis-1,3-Dichloropropene		17	U	17	110
1,2-Dichlorobenzene		23	U	23	110
1,3-Dichlorobenzene		35	U	35	110
1,4-Dichlorobenzene		35	U	35	110
1,2,4-Trichlorobenzene		2200		28	110
1,2,3-Trichlorobenzene		37	U	37	110
1,2-Dichloropropane		19	U	19	110
Methylcyclohexane		23	U	23	110
Tetrachloroethene		38	U	38	110
Xylenes, Total		29	U	29	210
1,2-Dibromo-3-Chloropropane		24	U	24	110
1,1,2,2-Tetrachloroethane		20	U	20	110
1,1,2-Trichloroethane		8.4	U	8.4	110

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-DV

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89720.D
Dilution:	50			Initial Weight/Volume:	4.973 g
Analysis Date:	11/08/2015 1606			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		23	U	23	110
1,2-Dibromoethane		20	U	20	110
Dichlorodifluoromethane		15	U	15	110
Bromochloromethane		32	U	32	110
Bromodichloromethane		16	U	16	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		69 - 145
Toluene-d8 (Surr)	102		72 - 136
Bromofluorobenzene	98		64 - 131
Dibromofluoromethane (Surr)	100		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-DV

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89720.D
Dilution:	50			Initial Weight/Volume:	4.973 g
Analysis Date:	11/08/2015 1606			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.79	5300	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	7400	J N
	Unknown	11.40	5300	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.45	10000	J N
	Unknown	11.87	22000	J
	Unknown	12.25	8100	J
66660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]decane	12.35	6600	J N
	Unknown	12.81	6800	J
	Unknown	12.94	6500	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.60	5400	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89721.D
Dilution:	50			Initial Weight/Volume:	6.596 g
Analysis Date:	11/08/2015 1629			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		18	U	18	83
Bromomethane		15	U	15	83
Vinyl chloride		17	U	17	83
Chloroethane		31	U	31	83
Methylene Chloride		17	U	17	83
Acetone		88	U	88	410
Carbon disulfide		18	U	18	83
Trichlorofluoromethane		12	U	12	83
1,1-Dichloroethene		28	U	28	83
1,1-Dichloroethane		20	U	20	83
trans-1,2-Dichloroethene		15	U	15	83
cis-1,2-Dichloroethene		21	U	21	83
Chloroform		18	U	18	83
2-Butanone		180	U	180	410
1,2-Dichloroethane		21	U	21	83
1,1,1-Trichloroethane		23	U	23	83
Carbon tetrachloride		27	U	27	83
Benzene		16	U	16	83
Bromoform		15	U	15	83
Styrene		14	U	14	83
Ethylbenzene		25	U	25	83
Chlorobenzene		20	U	20	83
Cyclohexane		21	U	21	83
Isopropylbenzene		26	U	26	83
2-Hexanone		59	U	59	410
MTBE		11	U	11	83
Freon TF		28	U	28	83
Methyl acetate		48	U	48	410
1,4-Dioxane		720	U *	720	2100
Trichloroethene		18	U	18	83
Toluene		21	U	21	83
trans-1,3-Dichloropropene		16	U	16	83
4-Methyl-2-pentanone		52	U	52	410
cis-1,3-Dichloropropene		13	U	13	83
1,2-Dichlorobenzene		18	U	18	83
1,3-Dichlorobenzene		27	U	27	83
1,4-Dichlorobenzene		27	U	27	83
1,2,4-Trichlorobenzene		840		22	83
1,2,3-Trichlorobenzene		29	U	29	83
1,2-Dichloropropane		15	U	15	83
Methylcyclohexane		18	U	18	83
Tetrachloroethene		30	U	30	83
Xylenes, Total		23	U	23	170
1,2-Dibromo-3-Chloropropane		19	U	19	83
1,1,2,2-Tetrachloroethane		16	U	16	83
1,1,2-Trichloroethane		6.6	U	6.6	83

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89721.D
Dilution:	50			Initial Weight/Volume:	6.596 g
Analysis Date:	11/08/2015 1629			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		18	U	18	83
1,2-Dibromoethane		16	U	16	83
Dichlorodifluoromethane		12	U	12	83
Bromochloromethane		25	U	25	83
Bromodichloromethane		12	U	12	83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		69 - 145
Toluene-d8 (Surr)	105		72 - 136
Bromofluorobenzene	103		64 - 131
Dibromofluoromethane (Surr)	99		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89721.D
Dilution:	50			Initial Weight/Volume:	6.596 g
Analysis Date:	11/08/2015 1629			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2958-76-1	Naphthalene, decahydro-2-methyl-	11.29	2900	J N
2547-27-5	trans-4a-Methyl-decahydronaphthalene	11.45	3700	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.87	8900	J N
	Unknown	12.25	3700	J
66660-38-6	cis,trans-2-Ethylbicyclo[4.4.0]decane	12.35	3500	J N
	Unknown	12.57	2800	J
	Unknown	12.73	4400	J
	Unknown	12.85	3500	J
	Unknown	12.91	3200	J
	Unknown	13.60	3400	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-WT

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89741.D
Dilution:	50			Initial Weight/Volume:	4.829 g
Analysis Date:	11/09/2015 1538			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		25	U	25	110
Bromomethane		21	U	21	110
Vinyl chloride		23	U	23	110
Chloroethane		42	U	42	110
Methylene Chloride		24	U	24	110
Acetone		120	U	120	570
Carbon disulfide		25	U	25	110
Trichlorofluoromethane		17	U	17	110
1,1-Dichloroethene		39	U	39	110
1,1-Dichloroethane		27	U	27	110
trans-1,2-Dichloroethene		21	U	21	110
cis-1,2-Dichloroethene		30	U	30	110
Chloroform		25	U	25	110
2-Butanone		250	U	250	570
1,2-Dichloroethane		29	U	29	110
1,1,1-Trichloroethane		32	U	32	110
Carbon tetrachloride		38	U	38	110
Benzene		22	U	22	110
Bromoform		21	U	21	110
Styrene		19	U	19	110
Ethylbenzene		34	U	34	110
Chlorobenzene		27	U	27	110
Cyclohexane		30	U	30	110
Isopropylbenzene		37	U	37	110
2-Hexanone		82	U	82	570
MTBE		15	U	15	110
Freon TF		39	U	39	110
Methyl acetate		66	U	66	570
1,4-Dioxane		990	U *	990	2900
Trichloroethene		25	U	25	110
Toluene		29	U	29	110
trans-1,3-Dichloropropene		22	U	22	110
4-Methyl-2-pentanone		72	U	72	570
cis-1,3-Dichloropropene		18	U	18	110
1,2-Dichlorobenzene		25	U	25	110
1,3-Dichlorobenzene		38	U	38	110
1,4-Dichlorobenzene		38	U	38	110
1,2,4-Trichlorobenzene		2500		31	110
1,2,3-Trichlorobenzene		470		40	110
1,2-Dichloropropane		21	U	21	110
Methylcyclohexane		25	U	25	110
Tetrachloroethene		41	U	41	110
Xylenes, Total		32	U	32	230
1,2-Dibromo-3-Chloropropane		26	U	26	110
1,1,2,2-Tetrachloroethane		22	U	22	110
1,1,2-Trichloroethane		9.1	U *	9.1	110

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-WT

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89741.D
Dilution:	50			Initial Weight/Volume:	4.829 g
Analysis Date:	11/09/2015 1538			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		25	U	25	110
1,2-Dibromoethane		22	U	22	110
Dichlorodifluoromethane		16	U	16	110
Bromochloromethane		34	U	34	110
Bromodichloromethane		17	U	17	110

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		69 - 145
Toluene-d8 (Surr)	98		72 - 136
Bromofluorobenzene	97		64 - 131
Dibromofluoromethane (Surr)	100		74 - 134

Client Sample ID: **PMP-7-NW2-WT**

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89741.D
Dilution:	50			Initial Weight/Volume:	4.829 g
Analysis Date:	11/09/2015 1538			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1406				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	10.79	5300	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4600	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	11.45	4900	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.53	4600	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.78	5700	J N
	Unknown	11.87	10000	J
	Unknown	12.06	5000	J
	Unknown	12.75	4500	J
	Unknown	12.85	5500	J
	Unknown	13.03	6900	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-S

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89742.D
Dilution:	50			Initial Weight/Volume:	3.167 g
Analysis Date:	11/09/2015 1602			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		36	U	36	160
Bromomethane		30	U	30	160
Vinyl chloride		33	U	33	160
Chloroethane		61	U	61	160
Methylene Chloride		34	U	34	160
Acetone		180	U	180	820
Carbon disulfide		36	U	36	160
Trichlorofluoromethane		25	U	25	160
1,1-Dichloroethene		56	U	56	160
1,1-Dichloroethane		39	U	39	160
trans-1,2-Dichloroethene		30	U	30	160
cis-1,2-Dichloroethene		43	U	43	160
Chloroform		36	U	36	160
2-Butanone		360	U	360	820
1,2-Dichloroethane		41	U	41	160
1,1,1-Trichloroethane		46	U	46	160
Carbon tetrachloride		54	U	54	160
Benzene		31	U	31	160
Bromoform		30	U	30	160
Styrene		28	U	28	160
Ethylbenzene		49	U	49	160
Chlorobenzene		39	U	39	160
Cyclohexane		43	U	43	160
Isopropylbenzene		52	U	52	160
2-Hexanone		120	U	120	820
MTBE		21	U	21	160
Freon TF		56	U	56	160
Methyl acetate		95	U	95	820
1,4-Dioxane		1400	U *	1400	4100
Trichloroethene		40	J	36	160
Toluene		41	U	41	160
trans-1,3-Dichloropropene		31	U	31	160
4-Methyl-2-pentanone		100	U	100	820
cis-1,3-Dichloropropene		26	U	26	160
1,2-Dichlorobenzene		36	U	36	160
1,3-Dichlorobenzene		54	U	54	160
1,4-Dichlorobenzene		54	U	54	160
1,2,4-Trichlorobenzene		17000		44	160
1,2,3-Trichlorobenzene		3100		57	160
1,2-Dichloropropane		30	U	30	160
Methylcyclohexane		36	U	36	160
Tetrachloroethene		59	U	59	160
Xylenes, Total		46	U	46	330
1,2-Dibromo-3-Chloropropane		38	U	38	160
1,1,2,2-Tetrachloroethane		31	U	31	160
1,1,2-Trichloroethane		13	U *	13	160

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-S

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89742.D
Dilution:	50			Initial Weight/Volume:	3.167 g
Analysis Date:	11/09/2015 1602			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		36	U	36	160
1,2-Dibromoethane		31	U	31	160
Dichlorodifluoromethane		23	U	23	160
Bromochloromethane		49	U	49	160
Bromodichloromethane		25	U	25	160

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		69 - 145
Toluene-d8 (Surr)	101		72 - 136
Bromofluorobenzene	99		64 - 131
Dibromofluoromethane (Surr)	100		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-S

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89742.D
Dilution:	50			Initial Weight/Volume:	3.167 g
Analysis Date:	11/09/2015 1602			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	10.79	16000	J N
	Unknown	11.22	13000	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	11000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.46	12000	J N
	Unknown	11.55	15000	J
	Unknown	11.79	17000	J
	Unknown	11.90	26000	J
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	12.15	25000	J N
	Unknown	12.76	21000	J
	Unknown	13.06	12000	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46902.D
Dilution:	1.0			Initial Weight/Volume:	6.283 g
Analysis Date:	11/10/2015 1846			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1349				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.34	U	0.34	0.90
Bromomethane		0.29	U	0.29	0.90
Vinyl chloride		0.35	U	0.35	0.90
Chloroethane		0.31	U	0.31	0.90
Methylene Chloride		0.29	U	0.29	0.90
Acetone		0.95	U	0.95	4.5
Carbon disulfide		0.54	J	0.39	0.90
Trichlorofluoromethane		0.30	U	0.30	0.90
1,1-Dichloroethene		0.37	U	0.37	0.90
1,1-Dichloroethane		0.30	U	0.30	0.90
trans-1,2-Dichloroethene		0.35	U	0.35	0.90
cis-1,2-Dichloroethene		0.20	U	0.20	0.90
Chloroform		0.19	U	0.19	0.90
2-Butanone		0.69	U	0.69	4.5
1,2-Dichloroethane		0.099	U	0.099	0.90
1,1,1-Trichloroethane		0.34	U	0.34	0.90
Carbon tetrachloride		0.39	U	0.39	0.90
Benzene		0.18	U	0.18	0.90
Bromoform		0.12	U	0.12	0.90
Styrene		0.13	U	0.13	0.90
Ethylbenzene		0.16	U	0.16	0.90
Chlorobenzene		0.13	U	0.13	0.90
Cyclohexane		0.41	U	0.41	0.90
Isopropylbenzene		1.9		0.15	0.90
2-Hexanone		0.84	U	0.84	4.5
MTBE		0.15	U	0.15	0.90
Freon TF		0.39	U	0.39	0.90
Methyl acetate		0.81	U	0.81	4.5
1,4-Dioxane		5.7	U *	5.7	18
Trichloroethene		0.23	U	0.23	0.90
Toluene		0.17	U	0.17	0.90
trans-1,3-Dichloropropene		0.090	U	0.090	0.90
4-Methyl-2-pentanone		2.0	U	2.0	4.5
cis-1,3-Dichloropropene		0.13	U	0.13	0.90
1,2-Dichlorobenzene		0.13	U	0.13	0.90
1,3-Dichlorobenzene		0.11	U	0.11	0.90
1,4-Dichlorobenzene		0.12	U	0.12	0.90
1,2,4-Trichlorobenzene		18		0.29	0.90
1,2,3-Trichlorobenzene		5.3		0.099	0.90
1,2-Dichloropropane		0.15	U	0.15	0.90
Methylcyclohexane		1.6	*	0.45	0.90
Tetrachloroethene		0.25	U	0.25	0.90
Xylenes, Total		0.26	J	0.099	1.8
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.90
1,1,2,2-Tetrachloroethane		0.15	U	0.15	0.90
1,1,2-Trichloroethane		0.25	U	0.25	0.90

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46902.D
Dilution:	1.0			Initial Weight/Volume:	6.283 g
Analysis Date:	11/10/2015 1846			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1349				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.90
1,2-Dibromoethane		0.11	U	0.11	0.90
Dichlorodifluoromethane		0.29	U	0.29	0.90
Bromochloromethane		0.15	U	0.15	0.90
Bromodichloromethane		0.34	U	0.34	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		78 - 135
Toluene-d8 (Surr)	98		73 - 121
Bromofluorobenzene	106		67 - 126
Dibromofluoromethane (Surr)	106		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46902.D
Dilution:	1.0			Initial Weight/Volume:	6.283 g
Analysis Date:	11/10/2015 1846			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1349				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	11.63	120	J
112-40-3	Dodecane	11.91	110	J N
	Unknown	12.00	220	J
	Unknown	12.23	110	J
	Unknown	12.37	170	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.69	130	J N
	Unknown	13.08	160	J
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.23	130	J N
91-57-6	Naphthalene, 2-methyl-	13.31	220	J N
90-12-0	Naphthalene, 1-methyl-	13.48	170	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-WT

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89737.D
Dilution:	50			Initial Weight/Volume:	5.76 g
Analysis Date:	11/09/2015 1403			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		20	U	20	90
Bromomethane		16	U	16	90
Vinyl chloride		18	U	18	90
Chloroethane		33	U	33	90
Methylene Chloride		19	U	19	90
Acetone		97	U	97	450
Carbon disulfide		20	U	20	90
Trichlorofluoromethane		14	U	14	90
1,1-Dichloroethene		31	U	31	90
1,1-Dichloroethane		22	U	22	90
trans-1,2-Dichloroethene		16	U	16	90
cis-1,2-Dichloroethene		23	U	23	90
Chloroform		20	U	20	90
2-Butanone		200	U	200	450
1,2-Dichloroethane		23	U	23	90
1,1,1-Trichloroethane		25	U	25	90
Carbon tetrachloride		30	U	30	90
Benzene		17	U	17	90
Bromoform		16	U	16	90
Styrene		15	U	15	90
Ethylbenzene		27	U	27	90
Chlorobenzene		22	U	22	90
Cyclohexane		23	U	23	90
Isopropylbenzene		29	U	29	90
2-Hexanone		65	U	65	450
MTBE		12	U	12	90
Freon TF		31	U	31	90
Methyl acetate		52	U	52	450
1,4-Dioxane		790	U *	790	2300
Trichloroethene		20	U	20	90
Toluene		23	U	23	90
trans-1,3-Dichloropropene		17	U	17	90
4-Methyl-2-pentanone		57	U	57	450
cis-1,3-Dichloropropene		14	U	14	90
1,2-Dichlorobenzene		20	U	20	90
1,3-Dichlorobenzene		30	U	30	90
1,4-Dichlorobenzene		30	U	30	90
1,2,4-Trichlorobenzene		530		24	90
1,2,3-Trichlorobenzene		32	U	32	90
1,2-Dichloropropane		16	U	16	90
Methylcyclohexane		20	U	20	90
Tetrachloroethene		32	U	32	90
Xylenes, Total		25	U	25	180
1,2-Dibromo-3-Chloropropane		21	U	21	90
1,1,2,2-Tetrachloroethane		17	U	17	90
1,1,2-Trichloroethane		7.2	U *	7.2	90

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-9-NW2-WT**

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89737.D
Dilution:	50			Initial Weight/Volume:	5.76 g
Analysis Date:	11/09/2015 1403			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		20	U	20	90
1,2-Dibromoethane		17	U	17	90
Dichlorodifluoromethane		13	U	13	90
Bromochloromethane		27	U	27	90
Bromodichloromethane		14	U	14	90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		69 - 145
Toluene-d8 (Surr)	99		72 - 136
Bromofluorobenzene	95		64 - 131
Dibromofluoromethane (Surr)	95		74 - 134

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-WT

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-333728	Lab File ID:	B89737.D
Dilution:	50			Initial Weight/Volume:	5.76 g
Analysis Date:	11/09/2015 1403			Final Weight/Volume:	10 mL
Prep Date:	11/06/2015 1407				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
91-17-8	Naphthalene, decahydro-	10.79	4400	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	3900	J N
	Unknown	11.45	4800	J
	Unknown	11.74	4000	J
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.87	7400	J N
	Unknown	12.07	4200	J
18968-23-5	Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-,	12.25	4100	J N
	Unknown	12.57	3900	J
	Unknown	12.85	3600	J
	Unknown	13.03	3600	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46850.D
Dilution:	1.0			Initial Weight/Volume:	6.676 g
Analysis Date:	11/09/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1351				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.31	U	0.31	0.81
Bromomethane		0.26	U	0.26	0.81
Vinyl chloride		0.32	U	0.32	0.81
Chloroethane		0.28	U	0.28	0.81
Methylene Chloride		0.26	U	0.26	0.81
Acetone		0.86	U	0.86	4.0
Carbon disulfide		0.35	U	0.35	0.81
Trichlorofluoromethane		0.27	U	0.27	0.81
1,1-Dichloroethene		0.33	U	0.33	0.81
1,1-Dichloroethane		0.27	U	0.27	0.81
trans-1,2-Dichloroethene		0.32	U	0.32	0.81
cis-1,2-Dichloroethene		0.18	U	0.18	0.81
Chloroform		0.17	U	0.17	0.81
2-Butanone		0.62	U	0.62	4.0
1,2-Dichloroethane		0.089	U	0.089	0.81
1,1,1-Trichloroethane		0.31	U	0.31	0.81
Carbon tetrachloride		0.35	U	0.35	0.81
Benzene		0.16	U	0.16	0.81
Bromoform		0.11	U	0.11	0.81
Styrene		0.12	U	0.12	0.81
Ethylbenzene		0.15	U	0.15	0.81
Chlorobenzene		0.11	U	0.11	0.81
Cyclohexane		0.37	U	0.37	0.81
Isopropylbenzene		0.14	U	0.14	0.81
2-Hexanone		0.76	U	0.76	4.0
MTBE		0.14	U	0.14	0.81
Freon TF		0.36	U	0.36	0.81
Methyl acetate		0.73	U	0.73	4.0
1,4-Dioxane		5.2	U *	5.2	16
Trichloroethene		1.9		0.21	0.81
Toluene		0.15	U	0.15	0.81
trans-1,3-Dichloropropene		0.081	U	0.081	0.81
4-Methyl-2-pentanone		1.8	U	1.8	4.0
cis-1,3-Dichloropropene		0.12	U	0.12	0.81
1,2-Dichlorobenzene		0.11	U	0.11	0.81
1,3-Dichlorobenzene		0.097	U	0.097	0.81
1,4-Dichlorobenzene		0.11	U	0.11	0.81
1,2,4-Trichlorobenzene		0.26	U	0.26	0.81
1,2,3-Trichlorobenzene		0.089	U	0.089	0.81
1,2-Dichloropropane		0.14	U	0.14	0.81
Methylcyclohexane		0.40	U	0.40	0.81
Tetrachloroethene		0.23	U	0.23	0.81
Xylenes, Total		0.089	U	0.089	1.6
1,2-Dibromo-3-Chloropropane		0.38	U	0.38	0.81
1,1,2,2-Tetrachloroethane		0.14	U	0.14	0.81
1,1,2-Trichloroethane		0.23	U	0.23	0.81

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-1.75**

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46850.D
Dilution:	1.0			Initial Weight/Volume:	6.676 g
Analysis Date:	11/09/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1351				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.12	U	0.12	0.81
1,2-Dibromoethane		0.097	U	0.097	0.81
Dichlorodifluoromethane		0.26	U	0.26	0.81
Bromochloromethane		0.14	U	0.14	0.81
Bromodichloromethane		0.31	U	0.31	0.81

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		78 - 135
Toluene-d8 (Surr)	100		73 - 121
Bromofluorobenzene	104		67 - 126
Dibromofluoromethane (Surr)	107		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46850.D
Dilution:	1.0			Initial Weight/Volume:	6.676 g
Analysis Date:	11/09/2015 1945			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1351				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	13.44	5.0	J
	Unknown	13.65	5.3	J
	Unknown	13.74	13	J
	Unknown	13.84	6.6	J
	Unknown	14.02	8.1	J
	Unknown	14.25	8.0	J
	Unknown	14.30	15	J
	Unknown	14.45	9.5	J
	Unknown	14.61	5.1	J
	Unknown	15.20	8.3	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46913.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	11/11/2015 0037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.36	U	0.36	0.96
Bromomethane		0.31	U	0.31	0.96
Vinyl chloride		0.37	U	0.37	0.96
Chloroethane		0.33	U	0.33	0.96
Methylene Chloride		0.31	U	0.31	0.96
Acetone		1.0	U	1.0	4.8
Carbon disulfide		0.41	U	0.41	0.96
Trichlorofluoromethane		0.32	U	0.32	0.96
1,1-Dichloroethene		0.39	U	0.39	0.96
1,1-Dichloroethane		0.32	U	0.32	0.96
trans-1,2-Dichloroethene		0.37	U	0.37	0.96
cis-1,2-Dichloroethene		0.21	U	0.21	0.96
Chloroform		0.20	U	0.20	0.96
2-Butanone		0.74	U	0.74	4.8
1,2-Dichloroethane		0.11	U	0.11	0.96
1,1,1-Trichloroethane		0.36	U	0.36	0.96
Carbon tetrachloride		0.41	U	0.41	0.96
Benzene		0.19	U	0.19	0.96
Bromoform		0.12	U	0.12	0.96
Styrene		0.14	U	0.14	0.96
Ethylbenzene		0.17	U	0.17	0.96
Chlorobenzene		0.13	U	0.13	0.96
Cyclohexane		0.44	U	0.44	0.96
Isopropylbenzene		0.16	U	0.16	0.96
2-Hexanone		0.90	U	0.90	4.8
MTBE		0.16	U	0.16	0.96
Freon TF		0.42	U	0.42	0.96
Methyl acetate		0.86	U	0.86	4.8
1,4-Dioxane		6.1	U	6.1	19
Trichloroethene		0.88	J	0.25	0.96
Toluene		0.18	U	0.18	0.96
trans-1,3-Dichloropropene		0.096	U	0.096	0.96
4-Methyl-2-pentanone		2.1	U	2.1	4.8
cis-1,3-Dichloropropene		0.14	U	0.14	0.96
1,2-Dichlorobenzene		0.13	U	0.13	0.96
1,3-Dichlorobenzene		0.11	U	0.11	0.96
1,4-Dichlorobenzene		0.12	U	0.12	0.96
1,2,4-Trichlorobenzene		0.41	J	0.31	0.96
1,2,3-Trichlorobenzene		0.11	U	0.11	0.96
1,2-Dichloropropane		0.16	U	0.16	0.96
Methylcyclohexane		0.48	U	0.48	0.96
Tetrachloroethene		0.27	U	0.27	0.96
Xylenes, Total		0.11	U	0.11	1.9
1,2-Dibromo-3-Chloropropane		0.45	U	0.45	0.96
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.96
1,1,2-Trichloroethane		0.27	U	0.27	0.96

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46913.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	11/11/2015 0037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.96
1,2-Dibromoethane		0.11	U	0.11	0.96
Dichlorodifluoromethane		0.31	U	0.31	0.96
Bromochloromethane		0.16	U	0.16	0.96
Bromodichloromethane		0.36	U	0.36	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		78 - 135
Toluene-d8 (Surr)	99		73 - 121
Bromofluorobenzene	102		67 - 126
Dibromofluoromethane (Surr)	109		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-3.75

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46913.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	11/11/2015 0037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
634-90-2	Benzene, 1,2,3,5-tetrachloro-	13.46	6.4	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.59	21	J N
	Unknown	13.75	8.8	J
	Unknown	13.84	5.6	J
	Unknown	14.23	5.2	J
	Unknown	14.30	15	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	14.46	17	J N
	Unknown	14.53	5.6	J
	Unknown	15.04	4.8	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 EE-1.75

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46851.D
Dilution:	1.0			Initial Weight/Volume:	5.708 g
Analysis Date:	11/09/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.36	U	0.36	0.94
Bromomethane		0.30	U	0.30	0.94
Vinyl chloride		0.36	U	0.36	0.94
Chloroethane		0.33	U	0.33	0.94
Methylene Chloride		0.30	U	0.30	0.94
Acetone		0.99	U	0.99	4.7
Carbon disulfide		0.40	U	0.40	0.94
Trichlorofluoromethane		0.32	U	0.32	0.94
1,1-Dichloroethene		0.38	U	0.38	0.94
1,1-Dichloroethane		0.32	U	0.32	0.94
trans-1,2-Dichloroethene		0.36	U	0.36	0.94
cis-1,2-Dichloroethene		0.21	U	0.21	0.94
Chloroform		0.20	U	0.20	0.94
2-Butanone		0.72	U	0.72	4.7
1,2-Dichloroethane		0.10	U	0.10	0.94
1,1,1-Trichloroethane		0.36	U	0.36	0.94
Carbon tetrachloride		0.40	U	0.40	0.94
Benzene		0.19	U	0.19	0.94
Bromoform		0.12	U	0.12	0.94
Styrene		0.14	U	0.14	0.94
Ethylbenzene		0.17	U	0.17	0.94
Chlorobenzene		0.13	U	0.13	0.94
Cyclohexane		0.43	U	0.43	0.94
Isopropylbenzene		0.16	U	0.16	0.94
2-Hexanone		0.88	U	0.88	4.7
MTBE		0.16	U	0.16	0.94
Freon TF		0.41	U	0.41	0.94
Methyl acetate		0.84	U	0.84	4.7
1,4-Dioxane		6.0	U *	6.0	19
Trichloroethene		1.0		0.24	0.94
Toluene		0.18	U	0.18	0.94
trans-1,3-Dichloropropene		0.094	U	0.094	0.94
4-Methyl-2-pentanone		2.1	U	2.1	4.7
cis-1,3-Dichloropropene		0.14	U	0.14	0.94
1,2-Dichlorobenzene		0.13	U	0.13	0.94
1,3-Dichlorobenzene		0.11	U	0.11	0.94
1,4-Dichlorobenzene		0.12	U	0.12	0.94
1,2,4-Trichlorobenzene		0.30	U	0.30	0.94
1,2,3-Trichlorobenzene		0.10	U	0.10	0.94
1,2-Dichloropropane		0.16	U	0.16	0.94
Methylcyclohexane		0.47	U	0.47	0.94
Tetrachloroethene		0.26	U	0.26	0.94
Xylenes, Total		0.10	U	0.10	1.9
1,2-Dibromo-3-Chloropropane		0.44	U	0.44	0.94
1,1,2,2-Tetrachloroethane		0.16	U	0.16	0.94
1,1,2-Trichloroethane		0.26	U	0.26	0.94

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46851.D
Dilution:	1.0			Initial Weight/Volume:	5.708 g
Analysis Date:	11/09/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.94
1,2-Dibromoethane		0.11	U	0.11	0.94
Dichlorodifluoromethane		0.30	U	0.30	0.94
Bromochloromethane		0.16	U	0.16	0.94
Bromodichloromethane		0.36	U	0.36	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		78 - 135
Toluene-d8 (Surr)	101		73 - 121
Bromofluorobenzene	107		67 - 126
Dibromofluoromethane (Surr)	108		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46851.D
Dilution:	1.0			Initial Weight/Volume:	5.708 g
Analysis Date:	11/09/2015 2011			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1352				

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: 460-104096-1

Client Sample ID: PRA-25 EE-3.75

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46852.D
Dilution:	1.0			Initial Weight/Volume:	5.981 g
Analysis Date:	11/09/2015 2037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.34	U	0.34	0.89
Bromomethane		0.28	U	0.28	0.89
Vinyl chloride		0.35	U	0.35	0.89
Chloroethane		0.31	U	0.31	0.89
Methylene Chloride		0.28	U	0.28	0.89
Acetone		0.94	U	0.94	4.4
Carbon disulfide		0.38	U	0.38	0.89
Trichlorofluoromethane		0.30	U	0.30	0.89
1,1-Dichloroethene		0.36	U	0.36	0.89
1,1-Dichloroethane		0.30	U	0.30	0.89
trans-1,2-Dichloroethene		0.35	U	0.35	0.89
cis-1,2-Dichloroethene		0.20	U	0.20	0.89
Chloroform		0.19	U	0.19	0.89
2-Butanone		0.68	U	0.68	4.4
1,2-Dichloroethane		0.098	U	0.098	0.89
1,1,1-Trichloroethane		0.34	U	0.34	0.89
Carbon tetrachloride		0.38	U	0.38	0.89
Benzene		0.18	U	0.18	0.89
Bromoform		0.12	U	0.12	0.89
Styrene		0.13	U	0.13	0.89
Ethylbenzene		0.16	U	0.16	0.89
Chlorobenzene		0.12	U	0.12	0.89
Cyclohexane		0.41	U	0.41	0.89
Isopropylbenzene		0.15	U	0.15	0.89
2-Hexanone		0.83	U	0.83	4.4
MTBE		0.15	U	0.15	0.89
Freon TF		0.39	U	0.39	0.89
Methyl acetate		0.80	U	0.80	4.4
1,4-Dioxane		5.7	U *	5.7	18
Trichloroethene		0.99		0.23	0.89
Toluene		0.17	U	0.17	0.89
trans-1,3-Dichloropropene		0.089	U	0.089	0.89
4-Methyl-2-pentanone		2.0	U	2.0	4.4
cis-1,3-Dichloropropene		0.13	U	0.13	0.89
1,2-Dichlorobenzene		0.12	U	0.12	0.89
1,3-Dichlorobenzene		0.11	U	0.11	0.89
1,4-Dichlorobenzene		0.12	U	0.12	0.89
1,2,4-Trichlorobenzene		0.28	U	0.28	0.89
1,2,3-Trichlorobenzene		0.098	U	0.098	0.89
1,2-Dichloropropane		0.15	U	0.15	0.89
Methylcyclohexane		0.44	U	0.44	0.89
Tetrachloroethene		0.25	U	0.25	0.89
Xylenes, Total		0.098	U	0.098	1.8
1,2-Dibromo-3-Chloropropane		0.42	U	0.42	0.89
1,1,2,2-Tetrachloroethane		0.15	U	0.15	0.89
1,1,2-Trichloroethane		0.25	U	0.25	0.89

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46852.D
Dilution:	1.0			Initial Weight/Volume:	5.981 g
Analysis Date:	11/09/2015 2037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.89
1,2-Dibromoethane		0.11	U	0.11	0.89
Dichlorodifluoromethane		0.28	U	0.28	0.89
Bromochloromethane		0.15	U	0.15	0.89
Bromodichloromethane		0.34	U	0.34	0.89

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		78 - 135
Toluene-d8 (Surr)	100		73 - 121
Bromofluorobenzene	103		67 - 126
Dibromofluoromethane (Surr)	106		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46852.D
Dilution:	1.0			Initial Weight/Volume:	5.981 g
Analysis Date:	11/09/2015 2037			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

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: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46853.D
Dilution:	1.0			Initial Weight/Volume:	4.431 g
Analysis Date:	11/09/2015 2103			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.45	U	0.45	1.2
Bromomethane		0.38	U	0.38	1.2
Vinyl chloride		0.46	U	0.46	1.2
Chloroethane		0.41	U	0.41	1.2
Methylene Chloride		0.38	U	0.38	1.2
Acetone		60		1.3	5.9
Carbon disulfide		0.51	U	0.51	1.2
Trichlorofluoromethane		0.40	U	0.40	1.2
1,1-Dichloroethene		0.48	U	0.48	1.2
1,1-Dichloroethane		0.40	U	0.40	1.2
trans-1,2-Dichloroethene		0.46	U	0.46	1.2
cis-1,2-Dichloroethene		0.99	J	0.26	1.2
Chloroform		0.25	U	0.25	1.2
2-Butanone		0.91	U	0.91	5.9
1,2-Dichloroethane		0.13	U	0.13	1.2
1,1,1-Trichloroethane		0.45	U	0.45	1.2
Carbon tetrachloride		0.51	U	0.51	1.2
Benzene		0.24	U	0.24	1.2
Bromoform		0.15	U	0.15	1.2
Styrene		0.18	U	0.18	1.2
Ethylbenzene		0.21	U	0.21	1.2
Chlorobenzene		0.17	U	0.17	1.2
Cyclohexane		0.54	U	0.54	1.2
Isopropylbenzene		0.20	U	0.20	1.2
2-Hexanone		1.1	U	1.1	5.9
MTBE		0.20	U	0.20	1.2
Freon TF		0.52	U	0.52	1.2
Methyl acetate		1.1	U	1.1	5.9
1,4-Dioxane		7.5	U *	7.5	24
Trichloroethene		2.8		0.31	1.2
Toluene		0.22	U	0.22	1.2
trans-1,3-Dichloropropene		0.12	U	0.12	1.2
4-Methyl-2-pentanone		2.6	U	2.6	5.9
cis-1,3-Dichloropropene		0.18	U	0.18	1.2
1,2-Dichlorobenzene		0.17	U	0.17	1.2
1,3-Dichlorobenzene		0.14	U	0.14	1.2
1,4-Dichlorobenzene		0.15	U	0.15	1.2
1,2,4-Trichlorobenzene		0.38	U	0.38	1.2
1,2,3-Trichlorobenzene		0.13	U	0.13	1.2
1,2-Dichloropropane		0.20	U	0.20	1.2
Methylcyclohexane		0.59	U	0.59	1.2
Tetrachloroethene		0.33	U	0.33	1.2
Xylenes, Total		0.13	U	0.13	2.4
1,2-Dibromo-3-Chloropropane		0.55	U	0.55	1.2
1,1,2,2-Tetrachloroethane		0.20	U	0.20	1.2
1,1,2-Trichloroethane		0.33	U	0.33	1.2

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46853.D
Dilution:	1.0			Initial Weight/Volume:	4.431 g
Analysis Date:	11/09/2015 2103			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.18	U	0.18	1.2
1,2-Dibromoethane		0.14	U	0.14	1.2
Dichlorodifluoromethane		0.38	U	0.38	1.2
Bromochloromethane		0.20	U	0.20	1.2
Bromodichloromethane		0.45	U	0.45	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		78 - 135
Toluene-d8 (Surr)	100		73 - 121
Bromofluorobenzene	102		67 - 126
Dibromofluoromethane (Surr)	105		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46853.D
Dilution:	1.0			Initial Weight/Volume:	4.431 g
Analysis Date:	11/09/2015 2103			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1353				

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: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46854.D
Dilution:	1.0			Initial Weight/Volume:	6.052 g
Analysis Date:	11/09/2015 2129			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.33	U	0.33	0.87
Bromomethane		0.28	U	0.28	0.87
Vinyl chloride		0.34	U	0.34	0.87
Chloroethane		0.31	U	0.31	0.87
Methylene Chloride		0.28	U	0.28	0.87
Acetone		0.93	U	0.93	4.4
Carbon disulfide		0.38	U	0.38	0.87
Trichlorofluoromethane		0.30	U	0.30	0.87
1,1-Dichloroethene		0.36	U	0.36	0.87
1,1-Dichloroethane		0.30	U	0.30	0.87
trans-1,2-Dichloroethene		0.34	U	0.34	0.87
cis-1,2-Dichloroethene		0.19	U	0.19	0.87
Chloroform		0.18	U	0.18	0.87
2-Butanone		0.67	U	0.67	4.4
1,2-Dichloroethane		0.096	U	0.096	0.87
1,1,1-Trichloroethane		0.33	U	0.33	0.87
Carbon tetrachloride		0.38	U	0.38	0.87
Benzene		0.17	U	0.17	0.87
Bromoform		0.11	U	0.11	0.87
Styrene		0.13	U	0.13	0.87
Ethylbenzene		0.16	U	0.16	0.87
Chlorobenzene		0.12	U	0.12	0.87
Cyclohexane		0.40	U	0.40	0.87
Isopropylbenzene		0.15	U	0.15	0.87
2-Hexanone		0.82	U	0.82	4.4
MTBE		0.15	U	0.15	0.87
Freon TF		0.38	U	0.38	0.87
Methyl acetate		0.79	U	0.79	4.4
1,4-Dioxane		5.6	U *	5.6	17
Trichloroethene		1.2		0.23	0.87
Toluene		0.17	U	0.17	0.87
trans-1,3-Dichloropropene		0.087	U	0.087	0.87
4-Methyl-2-pentanone		1.9	U	1.9	4.4
cis-1,3-Dichloropropene		0.13	U	0.13	0.87
1,2-Dichlorobenzene		0.12	U	0.12	0.87
1,3-Dichlorobenzene		0.10	U	0.10	0.87
1,4-Dichlorobenzene		0.11	U	0.11	0.87
1,2,4-Trichlorobenzene		0.39	J	0.28	0.87
1,2,3-Trichlorobenzene		0.096	U	0.096	0.87
1,2-Dichloropropane		0.15	U	0.15	0.87
Methylcyclohexane		0.44	U	0.44	0.87
Tetrachloroethene		0.27	J	0.24	0.87
Xylenes, Total		0.096	U	0.096	1.7
1,2-Dibromo-3-Chloropropane		0.41	U	0.41	0.87
1,1,2,2-Tetrachloroethane		0.15	U	0.15	0.87
1,1,2-Trichloroethane		0.24	U	0.24	0.87

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46854.D
Dilution:	1.0			Initial Weight/Volume:	6.052 g
Analysis Date:	11/09/2015 2129			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.13	U	0.13	0.87
1,2-Dibromoethane		0.10	U	0.10	0.87
Dichlorodifluoromethane		0.28	U	0.28	0.87
Bromochloromethane		0.15	U	0.15	0.87
Bromodichloromethane		0.33	U	0.33	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		78 - 135
Toluene-d8 (Surr)	96		73 - 121
Bromofluorobenzene	98		67 - 126
Dibromofluoromethane (Surr)	103		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46854.D
Dilution:	1.0			Initial Weight/Volume:	6.052 g
Analysis Date:	11/09/2015 2129			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
707-35-7	1,3,5-Trimethyladamantane	12.22	8.6	J N
702-79-4	Adamantane, 1,3-dimethyl-	12.42	9.7	J N
	Unknown	12.47	7.1	J
	Unknown	12.66	9.1	J
	Unknown	12.79	6.6	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.58	28	J N
	Unknown	13.75	9.1	J
	Unknown	14.30	10	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	14.46	19	J N
	Unknown	14.70	6.1	J

Client Sample ID: **PRA-2 NW-3.75**

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46904.D
Dilution:	1.0			Initial Weight/Volume:	5.766 g
Analysis Date:	11/10/2015 1939			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.35	U	0.35	0.91
Bromomethane		0.29	U	0.29	0.91
Vinyl chloride		0.35	U	0.35	0.91
Chloroethane		0.32	U	0.32	0.91
Methylene Chloride		0.29	U	0.29	0.91
Acetone		9.6		0.96	4.5
Carbon disulfide		0.39	U	0.39	0.91
Trichlorofluoromethane		0.31	U	0.31	0.91
1,1-Dichloroethene		0.37	U	0.37	0.91
1,1-Dichloroethane		0.31	U	0.31	0.91
trans-1,2-Dichloroethene		0.35	U	0.35	0.91
cis-1,2-Dichloroethene		2.4		0.20	0.91
Chloroform		0.83	J	0.19	0.91
2-Butanone		0.70	U	0.70	4.5
1,2-Dichloroethane		0.10	U	0.10	0.91
1,1,1-Trichloroethane		0.35	U	0.35	0.91
Carbon tetrachloride		0.39	U	0.39	0.91
Benzene		0.18	U	0.18	0.91
Bromoform		0.12	U	0.12	0.91
Styrene		0.14	U	0.14	0.91
Ethylbenzene		0.16	U	0.16	0.91
Chlorobenzene		0.13	U	0.13	0.91
Cyclohexane		0.42	U	0.42	0.91
Isopropylbenzene		0.25	J	0.15	0.91
2-Hexanone		0.85	U	0.85	4.5
MTBE		0.15	U	0.15	0.91
Freon TF		0.40	U	0.40	0.91
Methyl acetate		0.82	U	0.82	4.5
1,4-Dioxane		5.8	U *	5.8	18
Trichloroethene		8.6		0.24	0.91
Toluene		0.17	U	0.17	0.91
trans-1,3-Dichloropropene		0.091	U	0.091	0.91
4-Methyl-2-pentanone		2.0	U	2.0	4.5
cis-1,3-Dichloropropene		0.14	U	0.14	0.91
1,2-Dichlorobenzene		0.69	J	0.13	0.91
1,3-Dichlorobenzene		3.0		0.11	0.91
1,4-Dichlorobenzene		12		0.12	0.91
1,2,4-Trichlorobenzene		0.29	U	0.29	0.91
1,2,3-Trichlorobenzene		0.10	U	0.10	0.91
1,2-Dichloropropane		0.15	U	0.15	0.91
Methylcyclohexane		0.45	U *	0.45	0.91
Tetrachloroethene		0.25	U	0.25	0.91
Xylenes, Total		0.40	J	0.10	1.8
1,2-Dibromo-3-Chloropropane		0.43	U	0.43	0.91
1,1,2,2-Tetrachloroethane		0.15	U	0.15	0.91
1,1,2-Trichloroethane		0.25	U	0.25	0.91

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46904.D
Dilution:	1.0			Initial Weight/Volume:	5.766 g
Analysis Date:	11/10/2015 1939			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.14	U	0.14	0.91
1,2-Dibromoethane		0.11	U	0.11	0.91
Dichlorodifluoromethane		0.29	U	0.29	0.91
Bromochloromethane		0.15	U	0.15	0.91
Bromodichloromethane		0.35	U	0.35	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		78 - 135
Toluene-d8 (Surr)	93		73 - 121
Bromofluorobenzene	102		67 - 126
Dibromofluoromethane (Surr)	101		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46904.D
Dilution:	1.0			Initial Weight/Volume:	5.766 g
Analysis Date:	11/10/2015 1939			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1354				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
493-02-7	Naphthalene, decahydro-, trans-	11.24	470	J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.35	250	J N
	Unknown	11.56	280	J
1000152-47-3	trans-Decalin, 2-methyl-	11.63	500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.76	560	J N
	Unknown	12.00	590	J
	Unknown	12.09	310	J
	Unknown	12.25	430	J
	Unknown	12.31	260	J
	Unknown	12.36	310	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	O03993.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0022			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	0.22	U	0.22	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.060	U	0.060	1.0
Chloroethane	0.37	U	0.37	1.0
Methylene Chloride	0.21	U	0.21	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.22	U	0.22	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.34	U	0.34	1.0
1,1-Dichloroethane	0.24	U	0.24	1.0
trans-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
Chloroform	0.22	U	0.22	1.0
2-Butanone	2.2	U	2.2	5.0
1,2-Dichloroethane	0.25	U	0.25	1.0
1,1,1-Trichloroethane	0.28	U	0.28	1.0
Carbon tetrachloride	0.33	U	0.33	1.0
Benzene	0.090	U	0.090	1.0
Bromoform	0.18	U	0.18	1.0
Styrene	0.17	U	0.17	1.0
Ethylbenzene	0.30	U	0.30	1.0
Chlorobenzene	0.24	U	0.24	1.0
Cyclohexane	0.26	U	0.26	1.0
Isopropylbenzene	0.32	U	0.32	1.0
2-Hexanone	0.72	U	0.72	5.0
MTBE	0.13	U	0.13	1.0
Freon TF	0.34	U	0.34	1.0
Methyl acetate	0.58	U	0.58	5.0
1,4-Dioxane	8.7	U	8.7	50
Trichloroethene	0.22	U	0.22	1.0
Toluene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
4-Methyl-2-pentanone	0.63	U	0.63	5.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
1,2-Dichlorobenzene	0.22	U	0.22	1.0
1,3-Dichlorobenzene	0.33	U	0.33	1.0
1,4-Dichlorobenzene	0.33	U	0.33	1.0
1,2,4-Trichlorobenzene	0.27	U	0.27	1.0
1,2,3-Trichlorobenzene	0.35	U	0.35	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
Methylcyclohexane	0.22	U	0.22	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.28	U	0.28	2.0
1,2-Dibromo-3-Chloropropane	0.23	U	0.23	1.0
1,1,2,2-Tetrachloroethane	0.19	U	0.19	1.0
1,1,2-Trichloroethane	0.080	U	0.080	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	O03993.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0022			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibromochloromethane	0.22	U	0.22	1.0
1,2-Dibromoethane	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.14	U	0.14	1.0
Bromochloromethane	0.30	U	0.30	1.0
Bromodichloromethane	0.15	U	0.15	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 137
Toluene-d8 (Surr)	98		74 - 120
Bromofluorobenzene	103		70 - 131
Dibromofluoromethane (Surr)	96		72 - 136

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	O03993.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 0022			Final Weight/Volume:	5 mL
Prep Date:	11/11/2015 0022				

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

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

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104096-38TB Date Sampled: 11/05/2015 0000
Client Matrix: Solid Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46888.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1239			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1355				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.38	U	0.38	1.0
Bromomethane		0.32	U	0.32	1.0
Vinyl chloride		0.39	U	0.39	1.0
Chloroethane		0.35	U	0.35	1.0
Methylene Chloride		0.32	U	0.32	1.0
Acetone		20		1.1	5.0
Carbon disulfide		0.43	U	0.43	1.0
Trichlorofluoromethane		0.34	U	0.34	1.0
1,1-Dichloroethene		0.41	U	0.41	1.0
1,1-Dichloroethane		0.34	U	0.34	1.0
trans-1,2-Dichloroethene		0.39	U	0.39	1.0
cis-1,2-Dichloroethene		0.22	U	0.22	1.0
Chloroform		0.21	U	0.21	1.0
2-Butanone		0.77	U	0.77	5.0
1,2-Dichloroethane		0.11	U	0.11	1.0
1,1,1-Trichloroethane		0.38	U	0.38	1.0
Carbon tetrachloride		0.43	U	0.43	1.0
Benzene		0.20	U	0.20	1.0
Bromoform		0.13	U	0.13	1.0
Styrene		0.15	U	0.15	1.0
Ethylbenzene		0.18	U	0.18	1.0
Chlorobenzene		0.14	U	0.14	1.0
Cyclohexane		0.46	U	0.46	1.0
Isopropylbenzene		0.17	U	0.17	1.0
2-Hexanone		0.94	U	0.94	5.0
MTBE		0.17	U	0.17	1.0
Freon TF		0.44	U	0.44	1.0
Methyl acetate		0.90	U	0.90	5.0
1,4-Dioxane		6.4	U *	6.4	20
Trichloroethene		0.26	U	0.26	1.0
Toluene		0.19	U	0.19	1.0
trans-1,3-Dichloropropene		0.10	U	0.10	1.0
4-Methyl-2-pentanone		2.2	U	2.2	5.0
cis-1,3-Dichloropropene		0.15	U	0.15	1.0
1,2-Dichlorobenzene		0.14	U	0.14	1.0
1,3-Dichlorobenzene		0.12	U	0.12	1.0
1,4-Dichlorobenzene		0.13	U	0.13	1.0
1,2,4-Trichlorobenzene		0.32	U	0.32	1.0
1,2,3-Trichlorobenzene		0.11	U	0.11	1.0
1,2-Dichloropropane		0.17	U	0.17	1.0
Methylcyclohexane		0.50	U *	0.50	1.0
Tetrachloroethene		0.28	U	0.28	1.0
Xylenes, Total		0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane		0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane		0.17	U	0.17	1.0
1,1,2-Trichloroethane		0.28	U	0.28	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104096-38TB Date Sampled: 11/05/2015 0000
Client Matrix: Solid Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46888.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1239			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1355				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.15	U	0.15	1.0
1,2-Dibromoethane		0.12	U	0.12	1.0
Dichlorodifluoromethane		0.32	U	0.32	1.0
Bromochloromethane		0.17	U	0.17	1.0
Bromodichloromethane		0.38	U	0.38	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		78 - 135
Toluene-d8 (Surr)	91		73 - 121
Bromofluorobenzene	91		67 - 126
Dibromofluoromethane (Surr)	101		61 - 149

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-104096-38TB Date Sampled: 11/05/2015 0000
Client Matrix: Solid Date Received: 11/05/2015 2015

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-333721	Lab File ID:	K46888.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	11/10/2015 1239			Final Weight/Volume:	5 mL
Prep Date:	11/06/2015 1355				

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

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

Client Sample ID: **PMP-24-NW2-3.75**

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38468.D
Dilution:	5.0			Initial Weight/Volume:	15.0443 g
Analysis Date:	11/10/2015 1456			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		59	U	59	1800
2-Chlorophenol		46	U	46	1800
2-Methylphenol		79	U	79	1800
4-Methylphenol		50	U	50	1800
Benzaldehyde		140	U	140	1800
Acetophenone		55	J	40	1800
Bis(2-chloroethyl)ether		43	U	43	180
2,2'-oxybis[1-chloropropane]		75	U	75	1800
N-Nitrosodi-n-propylamine		61	U	61	180
Nitrobenzene		57	U	57	180
Hexachloroethane		67	U	67	180
Isophorone		39	U	39	730
2-Nitrophenol		61	U	61	1800
2,4-Dimethylphenol		400	U	400	1800
2,4-Dichlorophenol		43	U	43	730
Bis(2-chloroethoxy)methane		57	U	57	1800
Naphthalene		46	U	46	1800
4-Chloroaniline		580	J	47	1800
Hexachlorobutadiene		51	U	51	370
Caprolactam		130	U	130	1800
4-Chloro-3-methylphenol		78	U	78	1800
2-Methylnaphthalene		130	J	40	1800
Hexachlorobenzene		74	U	74	180
Hexachlorocyclopentadiene		110	U	110	1800
2,4,6-Trichlorophenol		52	U	52	730
2,4,5-Trichlorophenol		180	U	180	1800
Diphenyl		160	U	160	1800
2-Chloronaphthalene		41	U	41	1800
2-Nitroaniline		60	U	60	1800
2,6-Dinitrotoluene		97	U	97	370
Dimethyl phthalate		53	U	53	1800
Acenaphthylene		47	U	47	1800
3-Nitroaniline		54	U	54	1800
Acenaphthene		590	J	44	1800
4-Nitrophenol		870	U	870	3700
2,4-Dinitrophenol		1400	U	1400	1500
Dibenzofuran		55	U	55	1800
Diethyl phthalate		52	U	52	1800
Fluorene		40	U	40	1800
Fluoranthene		54	U	54	1800
Di-n-butyl phthalate		54	U	54	1800
2,4-Dinitrotoluene		72	U	72	370
4-Chlorophenyl phenyl ether		54	U	54	1800
4-Nitroaniline		69	U	69	1800
4,6-Dinitro-2-methylphenol		490	U	490	1500
4-Bromophenyl phenyl ether		57	U	57	1800

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38468.D
Dilution:	5.0			Initial Weight/Volume:	15.0443 g
Analysis Date:	11/10/2015 1456			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		81	U	81	730
Anthracene		170	U	170	1800
Carbazole		45	U	45	1800
Phenanthrene		310	J	48	1800
Pentachlorophenol		220	U	220	1500
Pyrene		120	J	83	1800
Chrysene		50	U	50	1800
Benzo[k]fluoranthene		79	U	79	180
Benzo[g,h,i]perylene		100	U	100	1800
Benzo[b]fluoranthene		71	U	71	180
Benzo[a]pyrene		55	U	55	180
Benzo[a]anthracene		150	U	150	180
N-Nitrosodiphenylamine		170	U	170	1800
Butyl benzyl phthalate		56	U	56	1800
Bis(2-ethylhexyl) phthalate		660	J	71	1800
Di-n-octyl phthalate		92	U	92	1800
Indeno[1,2,3-cd]pyrene		120	U	120	180
Dibenz(a,h)anthracene		95	U	95	180
3,3'-Dichlorobenzidine		200	U	200	730
1,2,4,5-Tetrachlorobenzene		390	J	140	1800
2,3,4,6-Tetrachlorophenol		170	U	170	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		28 - 92
Phenol-d5	62		22 - 88
Terphenyl-d14	57		16 - 114
2,4,6-Tribromophenol	40		10 - 95
2-Fluorophenol	63		21 - 84
2-Fluorobiphenyl	71		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38468.D
Dilution:	5.0			Initial Weight/Volume:	15.0443 g
Analysis Date:	11/10/2015 1456			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown alkane	6.66	23000	J
6165-40-8	Pentadecane, 7-methyl-	6.98	34000	J N
629-59-4	Tetradecane	7.20	37000	J N
2051-62-9	1,1'-Biphenyl, 4-chloro-	7.28	18000	J N
	Unknown alkane	7.51	15000	J
941-81-1	Azulene, 4,6,8-trimethyl-	7.63	14000	J N
544-76-3	Hexadecane	7.70	39000	J N
	Unknown	7.80	16000	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.89	47000	J N
6418-41-3	Tridecane, 3-methyl-	7.91	24000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.30	14000	J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.81	31000	J N
	Unknown Substituted Biphenyl	8.97	16000	J
	Unknown	9.03	18000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.07	46000	J N
	Unknown Substituted Biphenyl	9.14	29000	J
	Unknown Substituted Biphenyl	9.20	15000	J
	Unknown Substituted Biphenyl	9.33	17000	J
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.50	17000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.83	20000	J N

Client Sample ID: **PMP-24-NW2-DV**

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38469.D
Dilution:	5.0			Initial Weight/Volume:	15.0198 g
Analysis Date:	11/10/2015 1519			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		61	U	61	1900
2-Chlorophenol		48	U	48	1900
2-Methylphenol		82	U	82	1900
4-Methylphenol		51	U	51	1900
Benzaldehyde		140	U	140	1900
Acetophenone		130	J	41	1900
Bis(2-chloroethyl)ether		44	U	44	190
2,2'-oxybis[1-chloropropane]		77	U	77	1900
N-Nitrosodi-n-propylamine		63	U	63	190
Nitrobenzene		59	U	59	190
Hexachloroethane		69	U	69	190
Isophorone		40	U	40	760
2-Nitrophenol		63	U	63	1900
2,4-Dimethylphenol		410	U	410	1900
2,4-Dichlorophenol		44	U	44	760
Bis(2-chloroethoxy)methane		59	U	59	1900
Naphthalene		4900		48	1900
4-Chloroaniline		2900		48	1900
Hexachlorobutadiene		53	U	53	380
Caprolactam		140	U	140	1900
4-Chloro-3-methylphenol		81	U	81	1900
2-Methylnaphthalene		15000		41	1900
Hexachlorobenzene		76	U	76	190
Hexachlorocyclopentadiene		120	U	120	1900
2,4,6-Trichlorophenol		53	U	53	760
2,4,5-Trichlorophenol		190	U	190	1900
Diphenyl		3800		160	1900
2-Chloronaphthalene		43	U	43	1900
2-Nitroaniline		62	U	62	1900
2,6-Dinitrotoluene		100	U	100	380
Dimethyl phthalate		55	U	55	1900
Acenaphthylene		48	U	48	1900
3-Nitroaniline		56	U	56	1900
Acenaphthene		1100	J	45	1900
4-Nitrophenol		900	U	900	3800
2,4-Dinitrophenol		1400	U	1400	1500
Dibenzofuran		630	J	57	1900
Diethyl phthalate		53	U	53	1900
Fluorene		550	J	41	1900
Fluoranthene		56	U	56	1900
Di-n-butyl phthalate		56	U	56	1900
2,4-Dinitrotoluene		74	U	74	380
4-Chlorophenyl phenyl ether		56	U	56	1900
4-Nitroaniline		71	U	71	1900
4,6-Dinitro-2-methylphenol		500	U	500	1500
4-Bromophenyl phenyl ether		59	U	59	1900

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-DV

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38469.D
Dilution:	5.0			Initial Weight/Volume:	15.0198 g
Analysis Date:	11/10/2015 1519			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		84	U	84	760
Anthracene		180	U	180	1900
Carbazole		47	U	47	1900
Phenanthrene		1000	J	50	1900
Pentachlorophenol		230	U	230	1500
Pyrene		85	U	85	1900
Chrysene		51	U	51	1900
Benzo[k]fluoranthene		82	U	82	190
Benzo[g,h,i]perylene		110	U	110	1900
Benzo[b]fluoranthene		73	U	73	190
Benzo[a]pyrene		57	U	57	190
Benzo[a]anthracene		160	U	160	190
N-Nitrosodiphenylamine		170	U	170	1900
Butyl benzyl phthalate		58	U	58	1900
Bis(2-ethylhexyl) phthalate		770	J	73	1900
Di-n-octyl phthalate		95	U	95	1900
Indeno[1,2,3-cd]pyrene		120	U	120	190
Dibenz(a,h)anthracene		98	U	98	190
3,3'-Dichlorobenzidine		210	U	210	760
1,2,4,5-Tetrachlorobenzene		840	J	140	1900
2,3,4,6-Tetrachlorophenol		180	U	180	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	71		28 - 92
Phenol-d5	64		22 - 88
Terphenyl-d14	58		16 - 114
2,4,6-Tribromophenol	31		10 - 95
2-Fluorophenol	65		21 - 84
2-Fluorobiphenyl	71		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-DV

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38469.D
Dilution:	5.0			Initial Weight/Volume:	15.0198 g
Analysis Date:	11/10/2015 1519			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-51-2	o-Chloroaniline	5.03	14000	J N
121-73-3	Benzene, 1-chloro-3-nitro-	5.73	16000	J N
88-73-3	Benzene, 1-chloro-2-nitro-	5.87	210000	J N
629-50-5	Tridecane	6.09	19000	J N
89-61-2	Benzene, 1,4-dichloro-2-nitro-	6.69	18000	J N
6165-40-8	Pentadecane, 7-methyl-	6.98	31000	J N
629-62-9	Pentadecane	7.19	26000	J N
2051-62-9	1,1'-Biphenyl, 4-chloro-	7.28	21000	J N
544-76-3	Hexadecane	7.69	33000	J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.89	69000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.90	17000	J N
	Unknown Substituted Biphenyl	8.81	28000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.07	58000	J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	9.14	30000	J N
38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-	9.20	16000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.33	19000	J N
	Unknown Substituted Biphenyl	9.36	14000	J
	Unknown Substituted Biphenyl	9.49	17000	J
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.82	20000	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.84	15000	J N

Client Sample ID: **PRA-25 E-1.75**

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127859.D
Dilution:	1.0			Initial Weight/Volume:	15.0038 g
Analysis Date:	11/10/2015 1028			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	360
2-Chlorophenol		9.1	U	9.1	360
2-Methylphenol		16	U	16	360
4-Methylphenol		9.7	U	9.7	360
Benzaldehyde		27	U	27	360
Acetophenone		7.8	U	7.8	360
Bis(2-chloroethyl)ether		8.4	U	8.4	36
2,2'-oxybis[1-chloropropane]		15	U	15	360
N-Nitrosodi-n-propylamine		12	U	12	36
Nitrobenzene		11	U	11	36
Hexachloroethane		13	U	13	36
Isophorone		7.7	U	7.7	140
2-Nitrophenol		12	U	12	360
2,4-Dimethylphenol		78	U	78	360
2,4-Dichlorophenol		8.4	U	8.4	140
Bis(2-chloroethoxy)methane		11	U	11	360
Naphthalene		12	J	9.1	360
4-Chloroaniline		9.2	U	9.2	360
Hexachlorobutadiene		10	U	10	72
Caprolactam		26	U	26	360
4-Chloro-3-methylphenol		15	U	15	360
2-Methylnaphthalene		17	J	7.9	360
Hexachlorobenzene		14	U	14	36
Hexachlorocyclopentadiene		22	U	22	360
2,4,6-Trichlorophenol		10	U	10	140
2,4,5-Trichlorophenol		36	U	36	360
Diphenyl		30	U	30	360
2-Chloronaphthalene		8.1	U	8.1	360
2-Nitroaniline		12	U	12	360
2,6-Dinitrotoluene		19	U	19	72
Dimethyl phthalate		10	U	10	360
Acenaphthylene		9.2	U	9.2	360
3-Nitroaniline		11	U	11	360
Acenaphthene		8.6	U	8.6	360
4-Nitrophenol		170	U	170	720
2,4-Dinitrophenol		270	U	270	290
Dibenzofuran		11	U	11	360
Diethyl phthalate		10	U	10	360
Fluorene		7.8	U	7.8	360
Fluoranthene		11	U	11	360
Di-n-butyl phthalate		11	U	11	360
2,4-Dinitrotoluene		14	U	14	72
4-Chlorophenyl phenyl ether		11	U	11	360
4-Nitroaniline		13	U	13	360
4,6-Dinitro-2-methylphenol		95	U	95	290
4-Bromophenyl phenyl ether		11	U	11	360

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-1.75**

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127859.D
Dilution:	1.0			Initial Weight/Volume:	15.0038 g
Analysis Date:	11/10/2015 1028			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		34	U	34	360
Carbazole		8.9	U	8.9	360
Phenanthrene		9.5	U	9.5	360
Pentachlorophenol		43	U	43	290
Pyrene		16	U	16	360
Chrysene		9.7	U	9.7	360
Benzo[k]fluoranthene		16	U	16	36
Benzo[g,h,i]perylene		21	U	21	360
Benzo[b]fluoranthene		14	U	14	36
Benzo[a]pyrene		11	U	11	36
Benzo[a]anthracene		30	U	30	36
N-Nitrosodiphenylamine		32	U	32	360
Butyl benzyl phthalate		11	U	11	360
Bis(2-ethylhexyl) phthalate		14	U	14	360
Di-n-octyl phthalate		18	U	18	360
Indeno[1,2,3-cd]pyrene		24	U	24	36
Dibenz(a,h)anthracene		19	U	19	36
3,3'-Dichlorobenzidine		40	U	40	140
1,2,4,5-Tetrachlorobenzene		27	U	27	360
2,3,4,6-Tetrachlorophenol		34	U	34	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		28 - 92
Phenol-d5	66		22 - 88
Terphenyl-d14	86		16 - 114
2,4,6-Tribromophenol	50		10 - 95
2-Fluorophenol	66		21 - 84
2-Fluorobiphenyl	63		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127859.D
Dilution:	1.0			Initial Weight/Volume:	15.0038 g
Analysis Date:	11/10/2015 1028			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
61141-72-8	Dodecane, 4,6-dimethyl-	7.12	650	J N
629-62-9	Pentadecane	7.34	500	J N
544-76-3	Hexadecane	7.83	710	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.05	1000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	2900	J N
41446-68-8	3-Tetradecene, (E)-	8.49	340	J N
593-45-3	Octadecane	8.73	520	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	1100	J N
	Unknown alkane	9.11	480	J
629-59-4	Tetradecane	9.15	390	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.18	610	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.45	560	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.48	360	J N
	Unknown	9.94	500	J
33284-54-7	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	9.96	470	J N

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127860.D
Dilution:	1.0			Initial Weight/Volume:	15.0113 g
Analysis Date:	11/10/2015 1054			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	360
2-Chlorophenol		9.3	U	9.3	360
2-Methylphenol		16	U	16	360
4-Methylphenol		9.9	U	9.9	360
Benzaldehyde		28	U	28	360
Acetophenone		8.0	U	8.0	360
Bis(2-chloroethyl)ether		8.6	U	8.6	36
2,2'-oxybis[1-chloropropane]		15	U	15	360
N-Nitrosodi-n-propylamine		12	U	12	36
Nitrobenzene		11	U	11	36
Hexachloroethane		13	U	13	36
Isophorone		7.8	U	7.8	150
2-Nitrophenol		12	U	12	360
2,4-Dimethylphenol		80	U	80	360
2,4-Dichlorophenol		8.6	U	8.6	150
Bis(2-chloroethoxy)methane		11	U	11	360
Naphthalene		9.3	U	9.3	360
4-Chloroaniline		9.4	U	9.4	360
Hexachlorobutadiene		10	U	10	74
Caprolactam		26	U	26	360
4-Chloro-3-methylphenol		16	U	16	360
2-Methylnaphthalene		8.1	U	8.1	360
Hexachlorobenzene		15	U	15	36
Hexachlorocyclopentadiene		23	U	23	360
2,4,6-Trichlorophenol		10	U	10	150
2,4,5-Trichlorophenol		36	U	36	360
Diphenyl		31	U	31	360
2-Chloronaphthalene		8.3	U	8.3	360
2-Nitroaniline		12	U	12	360
2,6-Dinitrotoluene		19	U	19	74
Dimethyl phthalate		11	U	11	360
Acenaphthylene		9.4	U	9.4	360
3-Nitroaniline		11	U	11	360
Acenaphthene		8.8	U	8.8	360
4-Nitrophenol		180	U	180	740
2,4-Dinitrophenol		280	U	280	290
Dibenzofuran		11	U	11	360
Diethyl phthalate		10	U	10	360
Fluorene		8.0	U	8.0	360
Fluoranthene		11	U	11	360
Di-n-butyl phthalate		11	U	11	360
2,4-Dinitrotoluene		14	U	14	74
4-Chlorophenyl phenyl ether		11	U	11	360
4-Nitroaniline		14	U	14	360
4,6-Dinitro-2-methylphenol		97	U	97	290
4-Bromophenyl phenyl ether		11	U	11	360

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127860.D
Dilution:	1.0			Initial Weight/Volume:	15.0113 g
Analysis Date:	11/10/2015 1054			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	150
Anthracene		35	U	35	360
Carbazole		9.1	U	9.1	360
Phenanthrene		9.7	U	9.7	360
Pentachlorophenol		44	U	44	290
Pyrene		17	U	17	360
Chrysene		9.9	U	9.9	360
Benzo[k]fluoranthene		16	U	16	36
Benzo[g,h,i]perylene		21	U	21	360
Benzo[b]fluoranthene		14	U	14	36
Benzo[a]pyrene		11	U	11	36
Benzo[a]anthracene		30	U	30	36
N-Nitrosodiphenylamine		33	U	33	360
Butyl benzyl phthalate		11	U	11	360
Bis(2-ethylhexyl) phthalate		14	U	14	360
Di-n-octyl phthalate		19	U	19	360
Indeno[1,2,3-cd]pyrene		24	U	24	36
Dibenz(a,h)anthracene		19	U	19	36
3,3'-Dichlorobenzidine		41	U	41	150
1,2,4,5-Tetrachlorobenzene		27	U	27	360
2,3,4,6-Tetrachlorophenol		34	U	34	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	48		28 - 92
Phenol-d5	49		22 - 88
Terphenyl-d14	66		16 - 114
2,4,6-Tribromophenol	33		10 - 95
2-Fluorophenol	48		21 - 84
2-Fluorobiphenyl	49		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-3.75

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127860.D
Dilution:	1.0			Initial Weight/Volume:	15.0113 g
Analysis Date:	11/10/2015 1054			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	5.26	300	J
	Unknown	5.57	340	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	330	J N
	Unknown	7.83	380	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	770	J N
	Unknown	9.10	310	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.18	420	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.45	380	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	9.96	370	J N

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127861.D
Dilution:	1.0			Initial Weight/Volume:	15.0144 g
Analysis Date:	11/10/2015 1120			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		12	U	12	350
2-Chlorophenol		9.0	U	9.0	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.6	U	9.6	350
Benzaldehyde		27	U	27	350
Acetophenone		7.7	U	7.7	350
Bis(2-chloroethyl)ether		8.3	U	8.3	35
2,2'-oxybis[1-chloropropane]		15	U	15	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.6	U	7.6	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		78	U	78	350
2,4-Dichlorophenol		8.3	U	8.3	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		9.0	U	9.0	350
4-Chloroaniline		9.1	U	9.1	350
Hexachlorobutadiene		9.9	U	9.9	71
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.8	U	7.8	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		10	U	10	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		8.0	U	8.0	350
2-Nitroaniline		12	U	12	350
2,6-Dinitrotoluene		19	U	19	71
Dimethyl phthalate		10	U	10	350
Acenaphthylene		9.1	U	9.1	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.5	U	8.5	350
4-Nitrophenol		170	U	170	710
2,4-Dinitrophenol		270	U	270	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		10	U	10	350
Fluorene		7.7	U	7.7	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		11	U	11	350
2,4-Dinitrotoluene		14	U	14	71
4-Chlorophenyl phenyl ether		11	U	11	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		94	U	94	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 EE-1.75

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127861.D
Dilution:	1.0			Initial Weight/Volume:	15.0144 g
Analysis Date:	11/10/2015 1120			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		34	U	34	350
Carbazole		8.8	U	8.8	350
Phenanthrene		9.4	U	9.4	350
Pentachlorophenol		43	U	43	280
Pyrene		16	U	16	350
Chrysene		9.6	U	9.6	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		32	U	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		28 - 92
Phenol-d5	62		22 - 88
Terphenyl-d14	85		16 - 114
2,4,6-Tribromophenol	50		10 - 95
2-Fluorophenol	63		21 - 84
2-Fluorobiphenyl	58		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127861.D
Dilution:	1.0			Initial Weight/Volume:	15.0144 g
Analysis Date:	11/10/2015 1120			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			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: 460-104096-1

Client Sample ID: PRA-25 EE-3.75

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127862.D
Dilution:	1.0			Initial Weight/Volume:	15.0127 g
Analysis Date:	11/10/2015 1146			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.9	U	8.9	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.5	U	9.5	350
Benzaldehyde		27	U	27	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.3	U	8.3	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.5	U	7.5	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		77	U	77	350
2,4-Dichlorophenol		8.3	U	8.3	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		15	J	8.9	350
4-Chloroaniline		9.0	U	9.0	350
Hexachlorobutadiene		9.9	U	9.9	71
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		26	J	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		10	U	10	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		8.0	U	8.0	350
2-Nitroaniline		12	U	12	350
2,6-Dinitrotoluene		19	U	19	71
Dimethyl phthalate		10	U	10	350
Acenaphthylene		9.0	U	9.0	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.5	U	8.5	350
4-Nitrophenol		170	U	170	710
2,4-Dinitrophenol		270	U	270	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		10	U	10	350
Fluorene		7.6	U	7.6	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	71
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		93	U	93	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 EE-3.75

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127862.D
Dilution:	1.0			Initial Weight/Volume:	15.0127 g
Analysis Date:	11/10/2015 1146			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		33	U	33	350
Carbazole		8.7	U	8.7	350
Phenanthrene		9.3	U	9.3	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.5	U	9.5	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		32	U	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	61		28 - 92
Phenol-d5	61		22 - 88
Terphenyl-d14	82		16 - 114
2,4,6-Tribromophenol	42		10 - 95
2-Fluorophenol	62		21 - 84
2-Fluorobiphenyl	57		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127862.D
Dilution:	1.0			Initial Weight/Volume:	15.0127 g
Analysis Date:	11/10/2015 1146			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	5.26	300	J
	Unknown	5.57	310	J
88-73-3	Benzene, 1-chloro-2-nitro-	5.96	380	J N

Client Sample ID: **PRA-6 SE-1.75**

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127863.D
Dilution:	1.0			Initial Weight/Volume:	15.0544 g
Analysis Date:	11/10/2015 1212			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	340
2-Chlorophenol		8.7	U	8.7	340
2-Methylphenol		15	U	15	340
4-Methylphenol		9.4	U	9.4	340
Benzaldehyde		26	U	26	340
Acetophenone		7.5	U	7.5	340
Bis(2-chloroethyl)ether		8.1	U	8.1	34
2,2'-oxybis[1-chloropropane]		14	U	14	340
N-Nitrosodi-n-propylamine		12	U	12	34
Nitrobenzene		11	U	11	34
Hexachloroethane		13	U	13	34
Isophorone		7.4	U	7.4	140
2-Nitrophenol		12	U	12	340
2,4-Dimethylphenol		76	U	76	340
2,4-Dichlorophenol		8.1	U	8.1	140
Bis(2-chloroethoxy)methane		11	U	11	340
Naphthalene		9.8	J	8.7	340
4-Chloroaniline		8.9	U	8.9	340
Hexachlorobutadiene		9.7	U	9.7	70
Caprolactam		25	U	25	340
4-Chloro-3-methylphenol		15	U	15	340
2-Methylnaphthalene		15	J	7.6	340
Hexachlorobenzene		14	U	14	34
Hexachlorocyclopentadiene		21	U	21	340
2,4,6-Trichlorophenol		9.8	U	9.8	140
2,4,5-Trichlorophenol		34	U	34	340
Diphenyl		29	U	29	340
2-Chloronaphthalene		7.8	U	7.8	340
2-Nitroaniline		11	U	11	340
2,6-Dinitrotoluene		18	U	18	70
Dimethyl phthalate		10	U	10	340
Acenaphthylene		8.9	U	8.9	340
3-Nitroaniline		10	U	10	340
Acenaphthene		8.3	U	8.3	340
4-Nitrophenol		170	U	170	700
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		10	U	10	340
Diethyl phthalate		9.8	U	9.8	340
Fluorene		7.5	U	7.5	340
Fluoranthene		10	U	10	340
Di-n-butyl phthalate		10	U	10	340
2,4-Dinitrotoluene		14	U	14	70
4-Chlorophenyl phenyl ether		10	U	10	340
4-Nitroaniline		13	U	13	340
4,6-Dinitro-2-methylphenol		92	U	92	280
4-Bromophenyl phenyl ether		11	U	11	340

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-6 SE-1.75**

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127863.D
Dilution:	1.0			Initial Weight/Volume:	15.0544 g
Analysis Date:	11/10/2015 1212			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		15	U	15	140
Anthracene		33	U	33	340
Carbazole		8.5	U	8.5	340
Phenanthrene		9.2	U	9.2	340
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	340
Chrysene		9.4	U	9.4	340
Benzo[k]fluoranthene		15	U	15	34
Benzo[g,h,i]perylene		20	U	20	340
Benzo[b]fluoranthene		13	U	13	34
Benzo[a]pyrene		10	U	10	34
Benzo[a]anthracene		29	U	29	34
N-Nitrosodiphenylamine		31	U	31	340
Butyl benzyl phthalate		11	U	11	340
Bis(2-ethylhexyl) phthalate		13	U	13	340
Di-n-octyl phthalate		17	U	17	340
Indeno[1,2,3-cd]pyrene		23	U	23	34
Dibenz(a,h)anthracene		18	U	18	34
3,3'-Dichlorobenzidine		38	U	38	140
1,2,4,5-Tetrachlorobenzene		26	U	26	340
2,3,4,6-Tetrachlorophenol		32	U	32	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	54		28 - 92
Phenol-d5	52		22 - 88
Terphenyl-d14	67		16 - 114
2,4,6-Tribromophenol	28		10 - 95
2-Fluorophenol	52		21 - 84
2-Fluorobiphenyl	50		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127863.D
Dilution:	1.0			Initial Weight/Volume:	15.0544 g
Analysis Date:	11/10/2015 1212			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 8**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	3.46	450	J
	Unknown	5.26	750	J
	Unknown	5.57	530	J
544-76-3	Hexadecane	7.82	340	J N
629-78-7	Heptadecane	8.29	680	J N
593-45-3	Octadecane	8.74	430	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	350	J N
629-92-5	Nonadecane	9.15	360	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-5 SE-3.75**

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127864.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/10/2015 1238			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		11	U	11	350
2-Chlorophenol		8.9	U	8.9	350
2-Methylphenol		15	U	15	350
4-Methylphenol		9.5	U	9.5	350
Benzaldehyde		27	U	27	350
Acetophenone		7.6	U	7.6	350
Bis(2-chloroethyl)ether		8.2	U	8.2	35
2,2'-oxybis[1-chloropropane]		14	U	14	350
N-Nitrosodi-n-propylamine		12	U	12	35
Nitrobenzene		11	U	11	35
Hexachloroethane		13	U	13	35
Isophorone		7.5	U	7.5	140
2-Nitrophenol		12	U	12	350
2,4-Dimethylphenol		77	U	77	350
2,4-Dichlorophenol		8.2	U	8.2	140
Bis(2-chloroethoxy)methane		11	U	11	350
Naphthalene		8.9	U	8.9	350
4-Chloroaniline		9.0	U	9.0	350
Hexachlorobutadiene		9.8	U	9.8	71
Caprolactam		25	U	25	350
4-Chloro-3-methylphenol		15	U	15	350
2-Methylnaphthalene		7.7	U	7.7	350
Hexachlorobenzene		14	U	14	35
Hexachlorocyclopentadiene		22	U	22	350
2,4,6-Trichlorophenol		9.9	U	9.9	140
2,4,5-Trichlorophenol		35	U	35	350
Diphenyl		30	U	30	350
2-Chloronaphthalene		7.9	U	7.9	350
2-Nitroaniline		12	U	12	350
2,6-Dinitrotoluene		19	U	19	71
Dimethyl phthalate		10	U	10	350
Acenaphthylene		9.0	U	9.0	350
3-Nitroaniline		10	U	10	350
Acenaphthene		8.4	U	8.4	350
4-Nitrophenol		170	U	170	710
2,4-Dinitrophenol		260	U	260	280
Dibenzofuran		11	U	11	350
Diethyl phthalate		9.9	U	9.9	350
Fluorene		7.6	U	7.6	350
Fluoranthene		10	U	10	350
Di-n-butyl phthalate		10	U	10	350
2,4-Dinitrotoluene		14	U	14	71
4-Chlorophenyl phenyl ether		10	U	10	350
4-Nitroaniline		13	U	13	350
4,6-Dinitro-2-methylphenol		93	U	93	280
4-Bromophenyl phenyl ether		11	U	11	350

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-5 SE-3.75**

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127864.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/10/2015 1238			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		16	U	16	140
Anthracene		33	U	33	350
Carbazole		8.7	U	8.7	350
Phenanthrene		9.3	U	9.3	350
Pentachlorophenol		42	U	42	280
Pyrene		16	U	16	350
Chrysene		9.5	U	9.5	350
Benzo[k]fluoranthene		15	U	15	35
Benzo[g,h,i]perylene		20	U	20	350
Benzo[b]fluoranthene		14	U	14	35
Benzo[a]pyrene		11	U	11	35
Benzo[a]anthracene		29	U	29	35
N-Nitrosodiphenylamine		32	U	32	350
Butyl benzyl phthalate		11	U	11	350
Bis(2-ethylhexyl) phthalate		14	U	14	350
Di-n-octyl phthalate		18	U	18	350
Indeno[1,2,3-cd]pyrene		23	U	23	35
Dibenz(a,h)anthracene		18	U	18	35
3,3'-Dichlorobenzidine		39	U	39	140
1,2,4,5-Tetrachlorobenzene		26	U	26	350
2,3,4,6-Tetrachlorophenol		33	U	33	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	65		28 - 92
Phenol-d5	65		22 - 88
Terphenyl-d14	82		16 - 114
2,4,6-Tribromophenol	51		10 - 95
2-Fluorophenol	65		21 - 84
2-Fluorobiphenyl	61		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	L127864.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/10/2015 1238			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.77	500	J N
	Unknown	7.26	520	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.05	390	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	1900	J N
1560-92-5	Hexadecane, 2-methyl-	8.77	1300	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.45	450	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38463.D
Dilution:	5.0			Initial Weight/Volume:	15.0347 g
Analysis Date:	11/10/2015 1204			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		57	U F1	57	1700
2-Chlorophenol		44	U F1	44	1700
2-Methylphenol		75	U	75	1700
4-Methylphenol		47	U	47	1700
Benzaldehyde		130	U F1	130	1700
Acetophenone		38	U	38	1700
Bis(2-chloroethyl)ether		41	U F1	41	170
2,2'-oxybis[1-chloropropane]		71	U	71	1700
N-Nitrosodi-n-propylamine		58	U	58	170
Nitrobenzene		54	U F1	54	170
Hexachloroethane		63	U F1	63	170
Isophorone		37	U	37	700
2-Nitrophenol		58	U F1	58	1700
2,4-Dimethylphenol		380	U F1	380	1700
2,4-Dichlorophenol		41	U F1	41	700
Bis(2-chloroethoxy)methane		54	U	54	1700
Naphthalene		44	U F1	44	1700
4-Chloroaniline		44	U	44	1700
Hexachlorobutadiene		49	U F1	49	350
Caprolactam		120	U F1	120	1700
4-Chloro-3-methylphenol		74	U F1	74	1700
2-Methylnaphthalene		270	J F1	38	1700
Hexachlorobenzene		70	U F1	70	170
Hexachlorocyclopentadiene		110	U F1	110	1700
2,4,6-Trichlorophenol		49	U F1	49	700
2,4,5-Trichlorophenol		170	U F1	170	1700
Diphenyl		150	U	150	1700
2-Chloronaphthalene		39	U F1	39	1700
2-Nitroaniline		57	U	57	1700
2,6-Dinitrotoluene		92	U	92	350
Dimethyl phthalate		50	U	50	1700
Acenaphthylene		44	U	44	1700
3-Nitroaniline		51	U	51	1700
Acenaphthene		42	U	42	1700
4-Nitrophenol		830	U	830	3500
2,4-Dinitrophenol		1300	U F1 F2	1300	1400
Dibenzofuran		52	U F1	52	1700
Diethyl phthalate		49	U	49	1700
Fluorene		38	U F1	38	1700
Fluoranthene		51	U F1	51	1700
Di-n-butyl phthalate		52	U	52	1700
2,4-Dinitrotoluene		69	U	69	350
4-Chlorophenyl phenyl ether		52	U F1	52	1700
4-Nitroaniline		65	U	65	1700
4,6-Dinitro-2-methylphenol		460	U F1	460	1400
4-Bromophenyl phenyl ether		54	U F1	54	1700

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-2 NW-3.75**

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38463.D
Dilution:	5.0			Initial Weight/Volume:	15.0347 g
Analysis Date:	11/10/2015 1204			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		77	U	77	700
Anthracene		160	U F1	160	1700
Carbazole		43	U	43	1700
Phenanthrene		200	J F1	46	1700
Pentachlorophenol		210	U F1	210	1400
Pyrene		78	U	78	1700
Chrysene		47	U F1	47	1700
Benzo[k]fluoranthene		75	U F1	75	170
Benzo[g,h,i]perylene		99	U	99	1700
Benzo[b]fluoranthene		67	U F1	67	170
Benzo[a]pyrene		52	U F1	52	170
Benzo[a]anthracene		140	U F1	140	170
N-Nitrosodiphenylamine		160	U	160	1700
Butyl benzyl phthalate		53	U	53	1700
Bis(2-ethylhexyl) phthalate		67	U	67	1700
Di-n-octyl phthalate		88	U F1	88	1700
Indeno[1,2,3-cd]pyrene		120	U	120	170
Dibenz(a,h)anthracene		90	U	90	170
3,3'-Dichlorobenzidine		190	U	190	700
1,2,4,5-Tetrachlorobenzene		130	U F1	130	1700
2,3,4,6-Tetrachlorophenol		160	U F1	160	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	63		28 - 92
Phenol-d5	58		22 - 88
Terphenyl-d14	59		16 - 114
2,4,6-Tribromophenol	44		10 - 95
2-Fluorophenol	58		21 - 84
2-Fluorobiphenyl	66		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-334135	Lab File ID:	z38463.D
Dilution:	5.0			Initial Weight/Volume:	15.0347 g
Analysis Date:	11/10/2015 1204			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 19**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown	5.91	9400	J
629-50-5	Tridecane	6.09	20000	J N
90-12-0	1-Methylnaphthalene	6.26	350	J F1
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.62	1500	J N
629-59-4	Tetradecane	6.66	8500	J N
575-41-7	1,3-Dimethylnaphthalene	6.87	2500	F1
	Unknown	6.93	1600	J
	Unknown alkane	6.99	7600	J
	Unknown	7.13	1600	J
	Unknown	7.45	1500	J
	Unknown	7.50	3100	J
544-76-3	Hexadecane	7.70	11000	J N
	Unknown	7.90	5800	J
629-78-7	Heptadecane	8.17	140000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.18	63000	J N
593-45-3	n-Octadecane	8.60	56000	E
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.63	34000	J N
629-92-5	Nonadecane	9.01	47000	J N
112-95-8	Eicosane	9.41	17000	J N

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB
Client Matrix: Water

Date Sampled: 11/05/2015 1630
Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334749	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-333717	Lab File ID:	M966487.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/12/2015 0209			Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Phenol	0.43	U	0.43	10
2-Chlorophenol	0.77	U	0.77	10
2-Methylphenol	1.3	U	1.3	10
4-Methylphenol	0.91	U	0.91	10
Benzaldehyde	0.90	U	0.90	10
Acetophenone	1.1	U	1.1	10
Bis(2-chloroethyl)ether	0.13	U	0.13	1.0
2,2'-oxybis[1-chloropropane]	0.97	U *	0.97	10
N-Nitrosodi-n-propylamine	0.86	U	0.86	1.0
Nitrobenzene	0.51	U	0.51	1.0
Hexachloroethane	0.094	U	0.094	1.0
Isophorone	0.70	U	0.70	10
2-Nitrophenol	0.61	U	0.61	10
2,4-Dimethylphenol	0.95	U	0.95	10
2,4-Dichlorophenol	0.66	U	0.66	10
Bis(2-chloroethoxy)methane	0.72	U	0.72	10
Naphthalene	0.83	U	0.83	10
4-Chloroaniline	0.76	U	0.76	10
Hexachlorobutadiene	0.79	U	0.79	1.0
Caprolactam	1.1	U	1.1	10
4-Chloro-3-methylphenol	0.79	U	0.79	10
2-Methylnaphthalene	0.92	U	0.92	10
Hexachlorobenzene	0.49	U	0.49	1.0
Hexachlorocyclopentadiene	0.64	U	0.64	10
2,4,6-Trichlorophenol	0.55	U	0.55	10
2,4,5-Trichlorophenol	0.51	U	0.51	10
Diphenyl	0.66	U	0.66	10
2-Chloronaphthalene	0.64	U	0.64	10
2-Nitroaniline	0.68	U	0.68	10
2,6-Dinitrotoluene	0.92	U	0.92	2.1
Dimethyl phthalate	1.0	U	1.0	10
Acenaphthylene	0.68	U	0.68	10
3-Nitroaniline	0.85	U	0.85	10
Acenaphthene	0.92	U	0.92	10
4-Nitrophenol	4.8	U	4.8	21
2,4-Dinitrophenol	2.5	U	2.5	21
Dibenzofuran	0.89	U	0.89	10
Diethyl phthalate	1.0	U	1.0	10
Fluorene	0.83	U	0.83	10
Fluoranthene	0.75	U	0.75	10
Di-n-butyl phthalate	0.85	U	0.85	10
2,4-Dinitrotoluene	1.1	U	1.1	2.1
4-Chlorophenyl phenyl ether	1.0	U	1.0	10
4-Nitroaniline	0.50	U	0.50	10
4,6-Dinitro-2-methylphenol	2.1	U	2.1	21
4-Bromophenyl phenyl ether	1.1	U	1.1	10

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334749	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-333717	Lab File ID:	M966487.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/12/2015 0209			Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Atrazine	0.80	U	0.80	2.1
Anthracene	0.59	U	0.59	10
Carbazole	0.89	U	0.89	10
Phenanthrene	0.68	U	0.68	10
Pentachlorophenol	2.3	U	2.3	21
Pyrene	0.86	U	0.86	10
Chrysene	0.70	U	0.70	2.1
Benzo[k]fluoranthene	0.19	U	0.19	1.0
Benzo[g,h,i]perylene	0.78	U	0.78	10
Benzo[b]fluoranthene	0.46	U	0.46	1.0
Benzo[a]pyrene	0.17	U	0.17	1.0
Benzo[a]anthracene	0.57	U	0.57	1.0
N-Nitrosodiphenylamine	0.77	U	0.77	10
Butyl benzyl phthalate	0.63	U	0.63	10
Bis(2-ethylhexyl) phthalate	1.3	J B	0.75	2.1
Di-n-octyl phthalate	0.72	U	0.72	10
Indeno[1,2,3-cd]pyrene	0.22	U	0.22	1.0
Dibenz(a,h)anthracene	0.094	U	0.094	1.0
3,3'-Dichlorobenzidine	1.1	U	1.1	10
1,2,4,5-Tetrachlorobenzene	0.45	U	0.45	10
2,3,4,6-Tetrachlorophenol	0.72	U	0.72	10

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		62 - 120
Phenol-d5	32		10 - 53
Terphenyl-d14	92		57 - 125
2,4,6-Tribromophenol	72		43 - 126
2-Fluorophenol	41		13 - 77
2-Fluorobiphenyl	64		63 - 113

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-334749	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-333717	Lab File ID:	M966487.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	11/12/2015 0209			Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL

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

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
111-06-8	Hexadecanoic acid, butyl ester	10.17	12	J N
123-95-5	Octadecanoic acid, butyl ester	10.91	8.3	J N

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-10-NW2-WT**

Lab Sample ID: 460-104096-1 Date Sampled: 11/05/2015 1335
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0015 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0220			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		93	U F1 F2	93	700
Aroclor 1221		93	U	93	700
Aroclor 1232		93	U	93	700
Aroclor 1242		7300		93	700
Aroclor 1248		93	U	93	700
Aroclor 1254		96	U	96	700
Aroclor 1260		1500	F1	96	700
Aroclor 1262		96	U	96	700
Aroclor 1268		96	U	96	700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	148	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-10-NW2-WT**

Lab Sample ID: 460-104096-1 Date Sampled: 11/05/2015 1335
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0015 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0220			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-WT

Lab Sample ID: 460-104096-2 Date Sampled: 11/05/2015 1504
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0064 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1145			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		1900	U	1900	14000
Aroclor 1221		1900	U	1900	14000
Aroclor 1232		1900	U	1900	14000
Aroclor 1242		150000		1900	14000
Aroclor 1248		1900	U	1900	14000
Aroclor 1254		1900	U	1900	14000
Aroclor 1260		22000		1900	14000
Aroclor 1262		1900	U	1900	14000
Aroclor 1268		1900	U	1900	14000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-WT

Lab Sample ID: 460-104096-2 Date Sampled: 11/05/2015 1504
Client Matrix: Solid % Moisture: 4.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0064 g
Dilution:	200			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1145			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-S

Lab Sample ID: 460-104096-3 Date Sampled: 11/05/2015 1506
Client Matrix: Solid % Moisture: 5.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0091 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0252			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		470	U	470	3600
Aroclor 1221		470	U	470	3600
Aroclor 1232		470	U	470	3600
Aroclor 1242		83000		470	3600
Aroclor 1248		470	U	470	3600
Aroclor 1254		490	U	490	3600
Aroclor 1260		14000		490	3600
Aroclor 1262		490	U	490	3600
Aroclor 1268		490	U	490	3600

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89	p D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-S

Lab Sample ID: 460-104096-3 Date Sampled: 11/05/2015 1506
Client Matrix: Solid % Moisture: 5.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0091 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0252			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	144	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-12.75

Lab Sample ID: 460-104096-4 Date Sampled: 11/05/2015 1508
Client Matrix: Solid % Moisture: 15.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0077 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1750			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		11	U	11	79
Aroclor 1221		11	U	11	79
Aroclor 1232		11	U	11	79
Aroclor 1242		230		11	79
Aroclor 1248		11	U	11	79
Aroclor 1254		11	U	11	79
Aroclor 1260		11	U	11	79
Aroclor 1262		11	U	11	79
Aroclor 1268		11	U	11	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-2-NW2-12.75

Lab Sample ID: 460-104096-4 Date Sampled: 11/05/2015 1508
Client Matrix: Solid % Moisture: 15.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0077 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1750			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-23-NW2-V

Lab Sample ID: 460-104096-5 Date Sampled: 11/05/2015 0848
Client Matrix: Solid % Moisture: 7.0 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0049 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1807			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.6	U	9.6	72
Aroclor 1221		9.6	U	9.6	72
Aroclor 1232		9.6	U	9.6	72
Aroclor 1242		9.6	U	9.6	72
Aroclor 1248		9.6	U	9.6	72
Aroclor 1254		9.9	U	9.9	72
Aroclor 1260		9.9	U	9.9	72
Aroclor 1262		9.9	U	9.9	72
Aroclor 1268		9.9	U	9.9	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-23-NW2-V

Lab Sample ID: 460-104096-5 Date Sampled: 11/05/2015 0848
Client Matrix: Solid % Moisture: 7.0 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0049 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1807			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-V

Lab Sample ID: 460-104096-6 Date Sampled: 11/05/2015 1246
Client Matrix: Solid % Moisture: 8.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0020 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1202			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		4900	U	4900	37000
Aroclor 1221		4900	U	4900	37000
Aroclor 1232		4900	U	4900	37000
Aroclor 1242		360000		4900	37000
Aroclor 1248		4900	U	4900	37000
Aroclor 1254		5000	U	5000	37000
Aroclor 1260		5000	U	5000	37000
Aroclor 1262		5000	U	5000	37000
Aroclor 1268		5000	U	5000	37000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-V**

Lab Sample ID: 460-104096-6 Date Sampled: 11/05/2015 1246
Client Matrix: Solid % Moisture: 8.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0020 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1202			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0013 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1218			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		20000	U	20000	150000
Aroclor 1221		20000	U	20000	150000
Aroclor 1232		20000	U	20000	150000
Aroclor 1242		1800000		20000	150000
Aroclor 1248		20000	U	20000	150000
Aroclor 1254		20000	U	20000	150000
Aroclor 1260		20000	U	20000	150000
Aroclor 1262		20000	U	20000	150000
Aroclor 1268		20000	U	20000	150000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-3.75

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0013 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1218			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-DV

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0087 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1325			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		20000	U	20000	150000
Aroclor 1221		20000	U	20000	150000
Aroclor 1232		20000	U	20000	150000
Aroclor 1242		1700000		20000	150000
Aroclor 1248		20000	U	20000	150000
Aroclor 1254		21000	U	21000	150000
Aroclor 1260		21000	U	21000	150000
Aroclor 1262		21000	U	21000	150000
Aroclor 1268		21000	U	21000	150000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-DV**

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid % Moisture: 12.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0087 g
Dilution:	2000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1325			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-WT

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0049 g
Dilution:	400			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1341			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		4000	U	4000	30000
Aroclor 1221		4000	U	4000	30000
Aroclor 1232		4000	U	4000	30000
Aroclor 1242		380000		4000	30000
Aroclor 1248		4000	U	4000	30000
Aroclor 1254		4100	U	4100	30000
Aroclor 1260		4100	U	4100	30000
Aroclor 1262		4100	U	4100	30000
Aroclor 1268		4100	U	4100	30000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-WT**

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0049 g
Dilution:	400			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1341			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-S

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0222 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1358			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10000	U	10000	75000
Aroclor 1221		10000	U	10000	75000
Aroclor 1232		10000	U	10000	75000
Aroclor 1242		480000		10000	75000
Aroclor 1248		10000	U	10000	75000
Aroclor 1254		10000	U	10000	75000
Aroclor 1260		10000	U	10000	75000
Aroclor 1262		10000	U	10000	75000
Aroclor 1268		10000	U	10000	75000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-S**

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0222 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1358			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-12.75

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0082 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1415			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10000	U	10000	78000
Aroclor 1221		10000	U	10000	78000
Aroclor 1232		10000	U	10000	78000
Aroclor 1242		1100000		10000	78000
Aroclor 1248		10000	U	10000	78000
Aroclor 1254		11000	U	11000	78000
Aroclor 1260		11000	U	11000	78000
Aroclor 1262		11000	U	11000	78000
Aroclor 1268		11000	U	11000	78000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-12.75

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0082 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1415			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-4-NW2-V

Lab Sample ID: 460-104096-12 Date Sampled: 11/05/2015 0832
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0044 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2000			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.5	U	9.5	72
Aroclor 1221		9.5	U	9.5	72
Aroclor 1232		9.5	U	9.5	72
Aroclor 1242		1000		9.5	72
Aroclor 1248		9.5	U	9.5	72
Aroclor 1254		9.9	U	9.9	72
Aroclor 1260		9.9	U	9.9	72
Aroclor 1262		9.9	U	9.9	72
Aroclor 1268		9.9	U	9.9	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-4-NW2-V

Lab Sample ID: 460-104096-12 Date Sampled: 11/05/2015 0832
Client Matrix: Solid % Moisture: 6.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0044 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2000			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-WT

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid % Moisture: 3.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0090 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0529			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		460	U	460	3500
Aroclor 1221		460	U	460	3500
Aroclor 1232		460	U	460	3500
Aroclor 1242		50000		460	3500
Aroclor 1248		460	U	460	3500
Aroclor 1254		480	U	480	3500
Aroclor 1260		6900		480	3500
Aroclor 1262		480	U	480	3500
Aroclor 1268		480	U	480	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-5-NW2-WT**

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid % Moisture: 3.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0090 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0529			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0037 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1431			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		470	U	470	3500
Aroclor 1221		470	U	470	3500
Aroclor 1232		470	U	470	3500
Aroclor 1242		26000		470	3500
Aroclor 1248		470	U	470	3500
Aroclor 1254		480	U	480	3500
Aroclor 1260		3600		480	3500
Aroclor 1262		480	U	480	3500
Aroclor 1268		480	U	480	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0037 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1431			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-12.75

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0441 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0600			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		100	U	100	770
Aroclor 1221		100	U	100	770
Aroclor 1232		100	U	100	770
Aroclor 1242		13000		100	770
Aroclor 1248		100	U	100	770
Aroclor 1254		110	U	110	770
Aroclor 1260		1600		110	770
Aroclor 1262		110	U	110	770
Aroclor 1268		110	U	110	770

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-12.75

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0441 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0600			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-6-NW2-WT

Lab Sample ID: 460-104096-16 Date Sampled: 11/05/2015 0940
Client Matrix: Solid % Moisture: 6.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0069 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1447			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		950	U	950	7100
Aroclor 1221		950	U	950	7100
Aroclor 1232		950	U	950	7100
Aroclor 1242		83000		950	7100
Aroclor 1248		950	U	950	7100
Aroclor 1254		980	U	980	7100
Aroclor 1260		980	U	980	7100
Aroclor 1262		980	U	980	7100
Aroclor 1268		980	U	980	7100

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-6-NW2-WT**

Lab Sample ID: 460-104096-16 Date Sampled: 11/05/2015 0940
Client Matrix: Solid % Moisture: 6.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334643	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0069 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1447			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-6-NW2-S

Lab Sample ID: 460-104096-17 Date Sampled: 11/05/2015 0942
Client Matrix: Solid % Moisture: 7.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0336 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0634			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		190	U	190	1400
Aroclor 1221		190	U	190	1400
Aroclor 1232		190	U	190	1400
Aroclor 1242		29000		190	1400
Aroclor 1248		190	U	190	1400
Aroclor 1254		200	U	200	1400
Aroclor 1260		200	U	200	1400
Aroclor 1262		200	U	200	1400
Aroclor 1268		200	U	200	1400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-6-NW2-S

Lab Sample ID: 460-104096-17 Date Sampled: 11/05/2015 0942
Client Matrix: Solid % Moisture: 7.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0336 g
Dilution:	20			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0634			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-6-NW2-12.75

Lab Sample ID: 460-104096-18 Date Sampled: 11/05/2015 0957
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0651			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10	U	10	79
Aroclor 1221		10	U	10	79
Aroclor 1232		10	U	10	79
Aroclor 1242		690		10	79
Aroclor 1248		10	U	10	79
Aroclor 1254		11	U	11	79
Aroclor 1260		11	U	11	79
Aroclor 1262		11	U	11	79
Aroclor 1268		11	U	11	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-6-NW2-12.75

Lab Sample ID: 460-104096-18 Date Sampled: 11/05/2015 0957
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0651			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-0.75

Lab Sample ID: 460-104096-19 Date Sampled: 11/05/2015 1055
Client Matrix: Solid % Moisture: 7.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0224 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2150			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.6	U	9.6	72
Aroclor 1221		9.6	U	9.6	72
Aroclor 1232		9.6	U	9.6	72
Aroclor 1242		820		9.6	72
Aroclor 1248		9.6	U	9.6	72
Aroclor 1254		9.9	U	9.9	72
Aroclor 1260		9.9	U	9.9	72
Aroclor 1262		9.9	U	9.9	72
Aroclor 1268		9.9	U	9.9	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-0.75

Lab Sample ID: 460-104096-19 Date Sampled: 11/05/2015 1055
Client Matrix: Solid % Moisture: 7.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0224 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2150			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	98		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-DV

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0001 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0725			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		93	U	93	700
Aroclor 1221		93	U	93	700
Aroclor 1232		93	U	93	700
Aroclor 1242		13000		93	700
Aroclor 1248		93	U	93	700
Aroclor 1254		96	U	96	700
Aroclor 1260		1100		96	700
Aroclor 1262		96	U	96	700
Aroclor 1268		96	U	96	700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	123	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-7-NW2-DV**

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Prep Method:	3546	Prep Batch:	460-334269	Initial Weight/Volume:	15.0001 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0725			Injection Volume:	1 uL
Prep Date:	11/10/2015 0454			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0058 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0922			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		97	U	97	730
Aroclor 1221		97	U	97	730
Aroclor 1232		97	U	97	730
Aroclor 1242		6800		97	730
Aroclor 1248		97	U	97	730
Aroclor 1254		100	U	100	730
Aroclor 1260		100	U	100	730
Aroclor 1262		100	U	100	730
Aroclor 1268		100	U	100	730

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0058 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0922			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	136	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-WT

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0046 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0937			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		980	U	980	7400
Aroclor 1221		980	U	980	7400
Aroclor 1232		980	U	980	7400
Aroclor 1242		130000		980	7400
Aroclor 1248		980	U	980	7400
Aroclor 1254		1000	U	1000	7400
Aroclor 1260		1000	U	1000	7400
Aroclor 1262		1000	U	1000	7400
Aroclor 1268		1000	U	1000	7400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-7-NW2-WT**

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0046 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 0937			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-S

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0079 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1101			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		4600	U	4600	35000
Aroclor 1221		4600	U	4600	35000
Aroclor 1232		4600	U	4600	35000
Aroclor 1242		340000		4600	35000
Aroclor 1248		4600	U	4600	35000
Aroclor 1254		4800	U	4800	35000
Aroclor 1260		4800	U	4800	35000
Aroclor 1262		4800	U	4800	35000
Aroclor 1268		4800	U	4800	35000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-S

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0079 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1101			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0028 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2043			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10	U	10	75
Aroclor 1221		10	U	10	75
Aroclor 1232		10	U	10	75
Aroclor 1242		530		10	75
Aroclor 1248		10	U	10	75
Aroclor 1254		10	U	10	75
Aroclor 1260		10	U	10	75
Aroclor 1262		10	U	10	75
Aroclor 1268		10	U	10	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0028 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2043			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-8-NW2-V

Lab Sample ID: 460-104096-25 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 5.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0001 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1009			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		94	U	94	710
Aroclor 1221		94	U	94	710
Aroclor 1232		94	U	94	710
Aroclor 1242		13000		94	710
Aroclor 1248		94	U	94	710
Aroclor 1254		97	U	97	710
Aroclor 1260		97	U	97	710
Aroclor 1262		97	U	97	710
Aroclor 1268		97	U	97	710

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-8-NW2-V

Lab Sample ID: 460-104096-25 Date Sampled: 11/05/2015 0912
Client Matrix: Solid % Moisture: 5.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0001 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1009			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-WT

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0342 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1025			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		920	U	920	7000
Aroclor 1221		920	U	920	7000
Aroclor 1232		920	U	920	7000
Aroclor 1242		130000		920	7000
Aroclor 1248		920	U	920	7000
Aroclor 1254		950	U	950	7000
Aroclor 1260		950	U	950	7000
Aroclor 1262		950	U	950	7000
Aroclor 1268		950	U	950	7000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-WT

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0342 g
Dilution:	100			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1025			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-S

Lab Sample ID: 460-104096-27 Date Sampled: 11/05/2015 1201
Client Matrix: Solid % Moisture: 13.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0038 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1040			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		510	U	510	3900
Aroclor 1221		510	U	510	3900
Aroclor 1232		510	U	510	3900
Aroclor 1242		73000		510	3900
Aroclor 1248		510	U	510	3900
Aroclor 1254		530	U	530	3900
Aroclor 1260		530	U	530	3900
Aroclor 1262		530	U	530	3900
Aroclor 1268		530	U	530	3900

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-S

Lab Sample ID: 460-104096-27 Date Sampled: 11/05/2015 1201
Client Matrix: Solid % Moisture: 13.1 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334642	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0038 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/11/2015 1040			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-12.75

Lab Sample ID: 460-104096-28 Date Sampled: 11/05/2015 1203
Client Matrix: Solid % Moisture: 12.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0117 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2146			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		10	U	10	77
Aroclor 1221		10	U	10	77
Aroclor 1232		10	U	10	77
Aroclor 1242		520		10	77
Aroclor 1248		10	U	10	77
Aroclor 1254		11	U	11	77
Aroclor 1260		11	U	11	77
Aroclor 1262		11	U	11	77
Aroclor 1268		11	U	11	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-9-NW2-12.75

Lab Sample ID: 460-104096-28 Date Sampled: 11/05/2015 1203
Client Matrix: Solid % Moisture: 12.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0117 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2146			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0104 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2202			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.6	U	9.6	72
Aroclor 1221		9.6	U	9.6	72
Aroclor 1232		9.6	U	9.6	72
Aroclor 1242		430		9.6	72
Aroclor 1248		9.6	U	9.6	72
Aroclor 1254		9.9	U	9.9	72
Aroclor 1260		42	J	9.9	72
Aroclor 1262		9.9	U	9.9	72
Aroclor 1268		9.9	U	9.9	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	101		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334271	Initial Weight/Volume:	15.0104 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 2202			Injection Volume:	1 uL
Prep Date:	11/10/2015 0501			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0493 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1332			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		49	U	49	370
Aroclor 1221		49	U	49	370
Aroclor 1232		49	U	49	370
Aroclor 1242		49	U	49	370
Aroclor 1248		2800		49	370
Aroclor 1254		51	U	51	370
Aroclor 1260		880		51	370
Aroclor 1262		51	U	51	370
Aroclor 1268		51	U	51	370

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0493 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1332			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 EE-1.75

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0237 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0321			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.5	U	9.5	71
Aroclor 1221		9.5	U	9.5	71
Aroclor 1232		9.5	U	9.5	71
Aroclor 1242		9.5	U	9.5	71
Aroclor 1248		9.5	U	9.5	71
Aroclor 1254		9.8	U	9.8	71
Aroclor 1260		9.8	U	9.8	71
Aroclor 1262		9.8	U	9.8	71
Aroclor 1268		9.8	U	9.8	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0237 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0321			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0362 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0837			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.4	U	9.4	71
Aroclor 1221		9.4	U	9.4	71
Aroclor 1232		9.4	U	9.4	71
Aroclor 1242		9.4	U	9.4	71
Aroclor 1248		9.4	U	9.4	71
Aroclor 1254		9.7	U	9.7	71
Aroclor 1260		9.7	U	9.7	71
Aroclor 1262		9.7	U	9.7	71
Aroclor 1268		9.7	U	9.7	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0362 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0837			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0483 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0852			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		9.3	U	9.3	70
Aroclor 1221		9.3	U	9.3	70
Aroclor 1232		9.3	U	9.3	70
Aroclor 1242		9.3	U	9.3	70
Aroclor 1248		9.3	U	9.3	70
Aroclor 1254		9.6	U	9.6	70
Aroclor 1260		9.6	U	9.6	70
Aroclor 1262		9.6	U	9.6	70
Aroclor 1268		9.6	U	9.6	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0483 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 0852			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0277 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1348			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		47	U	47	350
Aroclor 1221		47	U	47	350
Aroclor 1232		47	U	47	350
Aroclor 1242		47	U	47	350
Aroclor 1248		3600		47	350
Aroclor 1254		49	U	49	350
Aroclor 1260		49	U	49	350
Aroclor 1262		49	U	49	350
Aroclor 1268		49	U	49	350

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0277 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1348			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0253 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1403			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		93	U	93	700
Aroclor 1221		93	U	93	700
Aroclor 1232		93	U	93	700
Aroclor 1242		4900		93	700
Aroclor 1248		93	U	93	700
Aroclor 1254		96	U	96	700
Aroclor 1260		96	U	96	700
Aroclor 1262		96	U	96	700
Aroclor 1268		96	U	96	700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0253 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1403			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: DUP_2015_11_05

Lab Sample ID: 460-104096-36 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0235 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1419			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		470	U	470	3500
Aroclor 1221		470	U	470	3500
Aroclor 1232		470	U	470	3500
Aroclor 1242		82000		470	3500
Aroclor 1248		470	U	470	3500
Aroclor 1254		490	U	490	3500
Aroclor 1260		13000		490	3500
Aroclor 1262		490	U	490	3500
Aroclor 1268		490	U	490	3500

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: DUP_2015_11_05

Lab Sample ID: 460-104096-36 Date Sampled: 11/05/2015 0000
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-334079	Initial Weight/Volume:	15.0235 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	11/10/2015 1419			Injection Volume:	1 uL
Prep Date:	11/09/2015 1028			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	69	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-333841	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	11/08/2015 2258			Injection Volume:	1 uL
Prep Date:	11/07/2015 0716			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.098	U	0.098	0.40
Aroclor 1221	0.098	U	0.098	0.40
Aroclor 1232	0.098	U	0.098	0.40
Aroclor 1242	0.098	U	0.098	0.40
Aroclor 1248	0.098	U	0.098	0.40
Aroclor 1254	0.084	U	0.084	0.40
Aroclor 1260	0.084	U	0.084	0.40
Aroclor 1262	0.084	U	0.084	0.40
Aroclor 1268	0.084	U	0.084	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		10 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB Date Sampled: 11/05/2015 1630
Client Matrix: Water Date Received: 11/05/2015 2015

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-333841	Initial Weight/Volume:	250 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	11/08/2015 2258			Injection Volume:	1 uL
Prep Date:	11/07/2015 0716			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		10 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-WT**

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7962.D
Dilution:	25			Initial Weight/Volume:	15.0212 g
Analysis Date:	11/10/2015 1717	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		2600	D	150	150

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	4071	D X	23 - 104
Chlorobenzene	66	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-24-NW2-S**

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid % Moisture: 10.9 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7963.D
Dilution:	20			Initial Weight/Volume:	15.0124 g
Analysis Date:	11/10/2015 1728	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1600	D	120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	2606	D X	23 - 104
Chlorobenzene	56	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-24-NW2-12.75

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid % Moisture: 14.5 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7964.D
Dilution:	20			Initial Weight/Volume:	15.0212 g
Analysis Date:	11/10/2015 1740	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1800	D	130	130

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	1265	D X	23 - 104
Chlorobenzene	58	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-5-NW2-S

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7965.D
Dilution:	5.0			Initial Weight/Volume:	15.0301 g
Analysis Date:	11/10/2015 1752	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		430	D	29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	320	D X	23 - 104
Chlorobenzene	60	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-5-NW2-12.75**

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7966.D
Dilution:	5.0			Initial Weight/Volume:	15.0211 g
Analysis Date:	11/10/2015 1804	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte (DryWt Corrected: Y)	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	410	D	31	31

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	297	D X	23 - 104
Chlorobenzene	59	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-7-NW2-DV**

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid % Moisture: 4.5 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7967.D
Dilution:	10			Initial Weight/Volume:	15.0126 g
Analysis Date:	11/10/2015 1816	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1000	D	58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	292	D X	23 - 104
Chlorobenzene	71	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-5.25

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid % Moisture: 8.2 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7970.D
Dilution:	10			Initial Weight/Volume:	15.0219 g
Analysis Date:	11/10/2015 1852	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1600	D	60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	730	D X	23 - 104
Chlorobenzene	67	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-7-NW2-WT**

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid % Moisture: 9.4 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7971.D
Dilution:	20			Initial Weight/Volume:	15.0122 g
Analysis Date:	11/10/2015 1904	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		1600	D	120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	652	D X	23 - 104
Chlorobenzene	70	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-7-NW2-S**

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid % Moisture: 3.7 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7972.D
Dilution:	20			Initial Weight/Volume:	15.0126 g
Analysis Date:	11/10/2015 1916	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte (DryWt Corrected: Y)	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	1800	D	110	110

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	895	D X	23 - 104
Chlorobenzene	73	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PMP-7-NW2-12.75

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid % Moisture: 11.3 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7947.D
Dilution:	1.0			Initial Weight/Volume:	15.0302 g
Analysis Date:	11/10/2015 1343			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		12		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	86		23 - 104
Chlorobenzene	74		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PMP-9-NW2-WT**

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid % Moisture: 3.8 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334647	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7991.D
Dilution:	10			Initial Weight/Volume:	15.0217 g
Analysis Date:	11/11/2015 1134	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		900	D	57	57

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	549	D X	23 - 104
Chlorobenzene	62	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-25 E-1.75

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid % Moisture: 7.4 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7949.D
Dilution:	1.0			Initial Weight/Volume:	15.01262 g
Analysis Date:	11/10/2015 1406			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		46		5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	74		23 - 104
Chlorobenzene	59		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7950.D
Dilution:	1.0			Initial Weight/Volume:	15.0204 g
Analysis Date:	11/10/2015 1418			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		110		6.1	6.1

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		23 - 104
Chlorobenzene	73		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid % Moisture: 6.4 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7951.D
Dilution:	1.0			Initial Weight/Volume:	15.0123 g
Analysis Date:	11/10/2015 1430			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		5.9	U	5.9	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		23 - 104
Chlorobenzene	76		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid % Moisture: 5.7 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7954.D
Dilution:	1.0			Initial Weight/Volume:	15.0414 g
Analysis Date:	11/10/2015 1533			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			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	85		23 - 104
Chlorobenzene	81		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-6 SE-1.75

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid % Moisture: 4.3 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7955.D
Dilution:	1.0			Initial Weight/Volume:	15.0320 g
Analysis Date:	11/10/2015 1544			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)		110		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	92		23 - 104
Chlorobenzene	83		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-5 SE-3.75

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid % Moisture: 5.5 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7956.D
Dilution:	1.0			Initial Weight/Volume:	15.0124 g
Analysis Date:	11/10/2015 1556			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte (DryWt Corrected: Y)	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	280		5.8	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	98		23 - 104
Chlorobenzene	77		22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: PRA-2 NW-3.75

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid % Moisture: 4.6 Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-334220	Lab File ID:	GC2F7974.D
Dilution:	10			Initial Weight/Volume:	15.0302 g
Analysis Date:	11/10/2015 1940	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL

Analyte (DryWt Corrected: Y)	Result (mg/Kg)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	1500	D	58	58

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	418	D X	23 - 104
Chlorobenzene	84	D	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Client Sample ID: FB_20151105

Lab Sample ID: 460-104096-37FB
Client Matrix: Water

Date Sampled: 11/05/2015 1630
Date Received: 11/05/2015 2015

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-334647	Instrument ID:	CBNAGC2
Prep Method:	3510C	Prep Batch:	460-334649	Lab File ID:	GC2F7995.D
Dilution:	1.0			Initial Weight/Volume:	970 mL
Analysis Date:	11/11/2015 1228			Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 0954			Injection Volume:	1 uL

Analyte	Result (mg/L)	Qualifier	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.085	U	0.085	0.085

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		28 - 121
Chlorobenzene	66		26 - 98

General Chemistry

Client Sample ID: **PMP-10-NW2-WT**

Lab Sample ID: 460-104096-1 Date Sampled: 11/05/2015 1335
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	95.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-NW2-WT**

Lab Sample ID: 460-104096-2 Date Sampled: 11/05/2015 1504
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-NW2-S**

Lab Sample ID: 460-104096-3 Date Sampled: 11/05/2015 1506
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	94.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-NW2-12.75**

Lab Sample ID: 460-104096-4 Date Sampled: 11/05/2015 1508
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	15.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	84.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-23-NW2-V**

Lab Sample ID: 460-104096-5 Date Sampled: 11/05/2015 0848
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	93.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-V**

Lab Sample ID: 460-104096-6 Date Sampled: 11/05/2015 1246
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	8.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	91.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-3.75**

Lab Sample ID: 460-104096-7 Date Sampled: 11/05/2015 1248
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-DV**

Lab Sample ID: 460-104096-8 Date Sampled: 11/05/2015 1250
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	87.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-WT**

Lab Sample ID: 460-104096-9 Date Sampled: 11/05/2015 1240
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-S**

Lab Sample ID: 460-104096-10 Date Sampled: 11/05/2015 1252
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	10.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	89.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-NW2-12.75**

Lab Sample ID: 460-104096-11 Date Sampled: 11/05/2015 1254
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	14.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	85.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-4-NW2-V**

Lab Sample ID: 460-104096-12 Date Sampled: 11/05/2015 0832
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	93.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NW2-WT**

Lab Sample ID: 460-104096-13 Date Sampled: 11/05/2015 1008
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N
Percent Solids	96.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334512	Analysis Date: 11/10/2015 2107						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NW2-S**

Lab Sample ID: 460-104096-14 Date Sampled: 11/05/2015 1010
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-NW2-12.75**

Lab Sample ID: 460-104096-15 Date Sampled: 11/05/2015 1012
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	87.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NW2-WT**

Lab Sample ID: 460-104096-16 Date Sampled: 11/05/2015 0940
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	93.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NW2-S**

Lab Sample ID: 460-104096-17 Date Sampled: 11/05/2015 0942
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	92.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-6-NW2-12.75**

Lab Sample ID: 460-104096-18 Date Sampled: 11/05/2015 0957
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	15.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	84.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-0.75**

Lab Sample ID: 460-104096-19 Date Sampled: 11/05/2015 1055
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-DV**

Lab Sample ID: 460-104096-20 Date Sampled: 11/05/2015 1132
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	95.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-5.25**

Lab Sample ID: 460-104096-21 Date Sampled: 11/05/2015 1134
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	8.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	91.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-WT**

Lab Sample ID: 460-104096-22 Date Sampled: 11/05/2015 1121
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2219						DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2219						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-S**

Lab Sample ID: 460-104096-23 Date Sampled: 11/05/2015 1137
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2219						DryWt Corrected: N
Percent Solids	96.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2219						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-7-NW2-12.75**

Lab Sample ID: 460-104096-24 Date Sampled: 11/05/2015 1141
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	11.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	88.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-8-NW2-V**

Lab Sample ID: 460-104096-25 Date Sampled: 11/05/2015 0912
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NW2-WT**

Lab Sample ID: 460-104096-26 Date Sampled: 11/05/2015 1206
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	3.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	96.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NW2-S**

Lab Sample ID: 460-104096-27 Date Sampled: 11/05/2015 1201
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	13.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	86.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-9-NW2-12.75**

Lab Sample ID: 460-104096-28 Date Sampled: 11/05/2015 1203
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25 E-1.75**

Lab Sample ID: 460-104096-29 Date Sampled: 11/05/2015 1545
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	7.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	92.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25 E-3.75**

Lab Sample ID: 460-104096-30 Date Sampled: 11/05/2015 1550
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	9.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	90.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25 EE-1.75**

Lab Sample ID: 460-104096-31 Date Sampled: 11/05/2015 1535
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	6.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	93.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-25 EE-3.75**

Lab Sample ID: 460-104096-32 Date Sampled: 11/05/2015 1533
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	94.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-6 SE-1.75**

Lab Sample ID: 460-104096-33 Date Sampled: 11/05/2015 0926
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	95.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-5 SE-3.75**

Lab Sample ID: 460-104096-34 Date Sampled: 11/05/2015 1028
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334525	Analysis Date: 11/10/2015 2216						DryWt Corrected: N

General Chemistry

Client Sample ID: **PRA-2 NW-3.75**

Lab Sample ID: 460-104096-35 Date Sampled: 11/05/2015 1437
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334521	Analysis Date: 11/10/2015 2153						DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334521	Analysis Date: 11/10/2015 2153						DryWt Corrected: N

General Chemistry

Client Sample ID: **DUP_2015_11_05**

Lab Sample ID: 460-104096-36 Date Sampled: 11/05/2015 0000
Client Matrix: Solid Date Received: 11/05/2015 2015

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Percent Moisture	5.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334521	Analysis Date: 11/10/2015 2153						DryWt Corrected: N
Percent Solids	94.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-334521	Analysis Date: 11/10/2015 2153						DryWt Corrected: N

Client: Antea USA, Inc. Job Number: 460-104096-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104096-24	PMP-7-NW2-12.75	106	106	98	106
460-104096-29	PRA-25 E-1.75	107	104	100	104
460-104096-30	PRA-25 E-3.75	109	103	99	102
460-104096-31	PRA-25 EE-1.75	108	103	101	107
460-104096-32	PRA-25 EE-3.75	106	104	100	103
460-104096-33	PRA-6 SE-1.75	105	104	100	102
460-104096-34	PRA-5 SE-3.75	103	100	96	98
460-104096-35	PRA-2 NW-3.75	101	101	93	102
460-104096-38	Trip Blank	101	97	91	91
MB 460-334049/7		106	104	100	99
MB 460-334331/6		106	100	100	101
MB 460-334450/6		102	95	94	98
LCS 460-334049/4		103	99	102	101
LCS 460-334331/3		105	100	103	102
LCS 460-334450/3		101	95	100	101
LCSD 460-334049/5		99	97	96	95
LCSD 460-334331/4		103	100	101	101
LCSD 460-334450/4		100	94	100	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	61-149
DCA = 1,2-Dichloroethane-d4 (Surr)	78-135
TOL = Toluene-d8 (Surr)	73-121
BFB = Bromofluorobenzene	67-126

Client: Antea USA, Inc. Job Number: 460-104096-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104096-7	PMP-24-NW2-3.75	103	97	101	96
460-104096-8	PMP-24-NW2-DV	116	124	108	113
460-104096-9	PMP-24-NW2-WT	84	88	90	79
460-104096-10	PMP-24-NW2-S	98	98	103	99
460-104096-11	PMP-24-NW2-12.75	95	92	101	98
460-104096-13	PMP-5-NW2-WT	103	92	104	103
460-104096-14	PMP-5-NW2-S	99	92	105	104
460-104096-15	PMP-5-NW2-12.75	126	119	131	126
460-104096-20	PMP-7-NW2-DV	100	99	102	98
460-104096-21	PMP-7-NW2-5.25	99	96	105	103
460-104096-22	PMP-7-NW2-WT	100	93	98	97
460-104096-23	PMP-7-NW2-S	100	95	101	99
460-104096-26	PMP-9-NW2-WT	95	92	99	95
MB 460-333935/7		99	95	98	97
MB 460-334020/7		101	93	101	96
MB 460-334629/7		105	99	106	103
MB 460-334781/6		101	99	101	99
LCS 460-333935/3		102	95	100	98
LCS 460-334020/3		118	109	119	115
LCS 460-334629/5		98	92	98	98
LCS 460-334781/3		102	96	98	98
LCSD 460-333935/4		100	95	103	99
LCSD 460-334020/4		99	94	99	97
460-103960-A-7-A MS		102	100	100	97
460-103960-A-7-A MSD		104	106	105	99

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	74-134
DCA = 1,2-Dichloroethane-d4 (Surr)	69-145
TOL = Toluene-d8 (Surr)	72-136
BFB = Bromofluorobenzene	64-131

Client: Antea USA, Inc.

Job Number: 460-104096-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
460-104096-37	FB_20151105	96	99	98	103
MB 460-334459/7		96	96	96	100
LCS 460-334459/3		94	94	95	100
LCSD 460-334459/4		97	98	97	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = Bromofluorobenzene	70-131

Surrogate Recovery Report

8270D 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
460-104096-7	PMP-24-NW2-3.75	63	62	70	71	40	57
460-104096-8	PMP-24-NW2-DV	65	64	71	71	31	58
460-104096-29	PRA-25 E-1.75	66	66	67	63	50	86
460-104096-30	PRA-25 E-3.75	48	49	48	49	33	66
460-104096-31	PRA-25 EE-1.75	63	62	63	58	50	85
460-104096-32	PRA-25 EE-3.75	62	61	61	57	42	82
460-104096-33	PRA-6 SE-1.75	52	52	54	50	28	67
460-104096-34	PRA-5 SE-3.75	65	65	65	61	51	82
460-104096-35	PRA-2 NW-3.75	58	58	63	66	44	59
MB 460-334135/1-A		77	78	74	65	59	102
LCS 460-334135/2-A		81	80	81	72	66	96
LCS 460-334135/3-A		83	82	79	72	67	115X
460-104096-35 MS	PRA-2 NW-3.75 MS	54	54	58	61	44	58
460-104096-35 MSD	PRA-2 NW-3.75 MSD	60	59	63	64	46	62

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	21-84
PHL = Phenol-d5	22-88
NBZ = Nitrobenzene-d5	28-92
FBP = 2-Fluorobiphenyl	27-84
TBP = 2,4,6-Tribromophenol	10-95
TPH = Terphenyl-d14	16-114

Client: Antea USA, Inc. Job Number: 460-104096-1

Surrogate Recovery Report

8270D 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
460-104096-37	FB_20151105	41	32	76	64	72	92
MB 460-333717/1-A		47	35	103	65	81	92
LCS 460-333717/2-A		40	26	101	70	76	83
LCS 460-333717/4-A		46	36	91	67	75	94
LCSD 460-333717/3-A		45	30	99	75	82	88
LCSD 460-333717/5-A		44	35	102	65	70	95

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	13-77
PHL = Phenol-d5	10-53
NBZ = Nitrobenzene-d5	62-120
FBP = 2-Fluorobiphenyl	63-113
TBP = 2,4,6-Tribromophenol	43-126
TPH = Terphenyl-d14	57-125

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104096-1	PMP-10-NW2-WT	148D	136D
460-104096-2	PMP-2-NW2-WT	0X D	0X D
460-104096-3	PMP-2-NW2-S	144D	89p D
460-104096-4	PMP-2-NW2-12.75	121	106
460-104096-5	PMP-23-NW2-V	113	101
460-104096-6	PMP-24-NW2-V	0X D	0X D
460-104096-7	PMP-24-NW2-3.75	0X D	0X D
460-104096-8	PMP-24-NW2-DV	0X D	0X D
460-104096-9	PMP-24-NW2-WT	0X D	0X D
460-104096-10	PMP-24-NW2-S	0X D	0X D
460-104096-11	PMP-24-NW2-12.75	0X D	0X D
460-104096-12	PMP-4-NW2-V	109	90
460-104096-13	PMP-5-NW2-WT	136D	118D
460-104096-14	PMP-5-NW2-S	121D	84D
460-104096-15	PMP-5-NW2-12.75	142D	108D
460-104096-16	PMP-6-NW2-WT	0X D	0X D
460-104096-17	PMP-6-NW2-S	142D	113D
460-104096-18	PMP-6-NW2-12.75	114	102
460-104096-19	PMP-7-NW2-0.75	114	98
460-104096-20	PMP-7-NW2-DV	123D	106D
460-104096-21	PMP-7-NW2-5.25	136D	138D
460-104096-22	PMP-7-NW2-WT	0X D	0X D
460-104096-23	PMP-7-NW2-S	0X D	0X D
460-104096-24	PMP-7-NW2-12.75	97	94
460-104096-25	PMP-8-NW2-V	113D	88D
460-104096-26	PMP-9-NW2-WT	0X D	0X D
460-104096-27	PMP-9-NW2-S	133D	108D
460-104096-28	PMP-9-NW2-12.75	96	95
460-104096-29	PRA-25 E-1.75	101	95

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	47-150

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104096-30	PRA-25 E-3.75	81D	91D
460-104096-31	PRA-25 EE-1.75	64	80
460-104096-32	PRA-25 EE-3.75	74	86
460-104096-33	PRA-6 SE-1.75	86	70
460-104096-34	PRA-5 SE-3.75	78D	89D
460-104096-35	PRA-2 NW-3.75	88D	78D
460-104096-36	DUP_2015_11_05	80D	69D
MB 460-334079/1-A		122	128
MB 460-334269/1-A		115	104
MB 460-334271/1-A		105	124
LCS 460-334079/2-A		113	100
LCS 460-334269/2-A		114	96
LCS 460-334271/2-A		108	97
460-104096-1 MS	PMP-10-NW2-WT MS	122D	131D
460-103656-F-10-C MS		77	80
460-103944-A-9-I MS		100	91
460-104096-1 MSD	PMP-10-NW2-WT MSD	113D	126D
460-103656-F-10-D MSD		77	72
460-103944-A-9-J MSD		104	89

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	47-150

Client: Antea USA, Inc.

Job Number: 460-104096-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-104096-37	FB_20151105	93	70
MB 460-333841/1-A		92	79
LCS 460-333841/2-A		81	72
LCSD 460-333841/3-A		88	78

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	10-150

Client: Antea USA, Inc. Job Number: 460-104096-1

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
460-104096-9 DL	PMP-24-NW2-WT DL	66D	4071D X
460-104096-10 DL	PMP-24-NW2-S DL	56D	2606D X
460-104096-11 DL	PMP-24-NW2-12.75 DL	58D	1265D X
460-104096-14 DL	PMP-5-NW2-S DL	60D	320D X
460-104096-15 DL	PMP-5-NW2-12.75 DL	59D	297D X
460-104096-20 DL	PMP-7-NW2-DV DL	71D	292D X
460-104096-21 DL	PMP-7-NW2-5.25 DL	67D	730D X
460-104096-22 DL	PMP-7-NW2-WT DL	70D	652D X
460-104096-23 DL	PMP-7-NW2-S DL	73D	895D X
460-104096-24	PMP-7-NW2-12.75	74	86
460-104096-26 DL	PMP-9-NW2-WT DL	62D	549D X
460-104096-29	PRA-25 E-1.75	59	74
460-104096-30	PRA-25 E-3.75	73	97
460-104096-31	PRA-25 EE-1.75	76	79
460-104096-32	PRA-25 EE-3.75	81	85
460-104096-33	PRA-6 SE-1.75	83	92
460-104096-34	PRA-5 SE-3.75	77	98
460-104096-35 DL	PRA-2 NW-3.75 DL	84D	418D X
MB 460-334220/1-A		70	69
LCS 460-334220/2-A		55	55
460-104096-11 MS DL	PMP-24-NW2-12.75 MS DL	60	1236X
460-104096-11 MSD DL	PMP-24-NW2-12.75 MSD DL	72	1642X

Surrogate	Acceptance Limits
CB = Chlorobenzene	22-92
OTPH = o-Terphenyl	23-104

Client: Antea USA, Inc. Job Number: 460-104096-1

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
460-104096-37	FB_20151105	66	70
MB 460-334649/1-A		74	77
LCS 460-334649/2-A		89	99
LCSD 460-334649/3-A		73	76

Surrogate	Acceptance Limits
CB = Chlorobenzene	26-98
OTPH = o-Terphenyl	28-121

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-333307

Method: 8260C
Preparation: 5035

MS Lab Sample ID:	460-103960-A-7-A MS	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-333307	Lab File ID:	B89892.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.60 g
Analysis Date:	11/12/2015 0747			Final Weight/Volume:	10 mL
Prep Date:	11/04/2015 2154				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-103960-A-7-A MSD	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-333307	Lab File ID:	B89893.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.60 g
Analysis Date:	11/12/2015 0811			Final Weight/Volume:	10 mL
Prep Date:	11/04/2015 2154				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	106	115	63 - 138	8	30		
Bromomethane	100	108	66 - 145	8	30		
Vinyl chloride	96	104	69 - 139	9	30		
Chloroethane	89	98	68 - 144	10	30		
Methylene Chloride	92	100	78 - 122	8	30		
Acetone	93	98	10 - 150	5	30		
Carbon disulfide	84	98	72 - 127	15	30		
Trichlorofluoromethane	85	95	72 - 140	11	30		
1,1-Dichloroethene	84	97	78 - 125	15	30		
1,1-Dichloroethane	97	104	78 - 123	7	30		
trans-1,2-Dichloroethene	86	98	79 - 123	13	30		
cis-1,2-Dichloroethene	86	94	80 - 120	7	30		
Chloroform	86	96	82 - 123	11	30		
2-Butanone	74	88	40 - 150	17	30		
1,2-Dichloroethane	78	83	75 - 122	7	30		
1,1,1-Trichloroethane	68	82	81 - 125	16	30	F1	
Carbon tetrachloride	78	91	77 - 136	15	30		
Benzene	96	105	77 - 121	9	30		
Bromoform	83	94	68 - 124	12	30		
Styrene	89	94	80 - 120	6	30		
Ethylbenzene	89	95	80 - 120	6	30		
Chlorobenzene	88	93	84 - 114	6	30		
Cyclohexane	80	88	64 - 128	9	30		
Isopropylbenzene	88	98	81 - 124	12	30		
2-Hexanone	86	95	44 - 136	9	30		
MTBE	87	97	77 - 121	11	30		
Freon TF	68	92	69 - 135	30	30	F1	
Methyl acetate	113	126	58 - 140	11	30		
1,4-Dioxane	96	178	65 - 145	59	30		F1 F2
Trichloroethene	88	96	82 - 122	7	30		
Toluene	91	100	80 - 120	8	30		
trans-1,3-Dichloropropene	88	93	74 - 121	6	30		
4-Methyl-2-pentanone	86	89	62 - 124	3	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-333307

Method: 8260C
Preparation: 5035

MS Lab Sample ID:	460-103960-A-7-A MS	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-333307	Lab File ID:	B89892.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.60 g
Analysis Date:	11/12/2015 0747			Final Weight/Volume:	10 mL
Prep Date:	11/04/2015 2154				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-103960-A-7-A MSD	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-333307	Lab File ID:	B89893.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.60 g
Analysis Date:	11/12/2015 0811			Final Weight/Volume:	10 mL
Prep Date:	11/04/2015 2154				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	89	99	78 - 120	11	30		
1,2-Dichlorobenzene	87	96	80 - 120	9	30		
1,3-Dichlorobenzene	86	100	80 - 120	15	30		
1,4-Dichlorobenzene	87	98	80 - 120	11	30		
1,2,4-Trichlorobenzene	81	98	45 - 137	19	30		
1,2,3-Trichlorobenzene	75	92	35 - 143	21	30		
1,2-Dichloropropane	97	103	76 - 124	5	30		
Methylcyclohexane	74	96	55 - 133	26	30		
Tetrachloroethene	40	68	71 - 133	8	30	F1	F1
Xylenes, Total	88	92	80 - 120	5	30		
1,2-Dibromo-3-Chloropropane	76	97	37 - 130	24	30		
1,1,2,2-Tetrachloroethane	87	94	59 - 130	7	30		
1,1,2-Trichloroethane	104	112	72 - 117	8	30		
Dibromochloromethane	85	92	83 - 121	7	30		
1,2-Dibromoethane	90	94	76 - 117	5	30		
Dichlorodifluoromethane	80	93	51 - 145	14	30		
Bromochloromethane	86	101	82 - 124	17	30		
Bromodichloromethane	81	91	78 - 122	12	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	106	69 - 145
Toluene-d8 (Surr)	100	105	72 - 136
Bromofluorobenzene	97	99	64 - 131

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-333307

Method: 8260C
Preparation: 5035

MS Lab Sample ID:	460-103960-A-7-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	11/12/2015 0747		
Prep Date:	11/04/2015 2154		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103960-A-7-A MSD
Client Matrix:	Solid
Dilution:	50
Analysis Date:	11/12/2015 0811
Prep Date:	11/04/2015 2154
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	22	U	2000	2000	2110		2290	
Bromomethane	18	U	2000	2000	2000		2170	
Vinyl chloride	20	U	2000	2000	1920		2090	
Chloroethane	37	U	2000	2000	1780		1960	
Methylene Chloride	150		2000	2000	1980		2150	
Acetone	110	U	10000	10000	9260		9760	
Carbon disulfide	22	U	2000	2000	1690		1960	
Trichlorofluoromethane	15	U	2000	2000	1700		1900	
1,1-Dichloroethene	34	U	2000	2000	1680		1940	
1,1-Dichloroethane	24	U	2000	2000	1950		2080	
trans-1,2-Dichloroethene	18	U	2000	2000	1730		1960	
cis-1,2-Dichloroethene	470		2000	2000	2200		2350	
Chloroform	110		2000	2000	1820		2040	
2-Butanone	220	U	10000	10000	7400		8760	
1,2-Dichloroethane	37	J	2000	2000	1590		1710	
1,1,1-Trichloroethane	180		2000	2000	1540	F1	1810	
Carbon tetrachloride	33	U	2000	2000	1560		1820	
Benzene	19	U	2000	2000	1920		2100	
Bromoform	18	U	2000	2000	1660		1880	
Styrene	17	U	2000	2000	1780		1890	
Ethylbenzene	30	U	2000	2000	1790		1890	
Chlorobenzene	36	J	2000	2000	1800		1900	
Cyclohexane	26	U	2000	2000	1610		1760	
Isopropylbenzene	32	U	2000	2000	1750		1970	
2-Hexanone	72	U	10000	10000	8640		9480	
MTBE	13	U	2000	2000	1740		1940	
Freon TF	34	U	2000	2000	1370	F1	1850	
Methyl acetate	58	U	10000	10000	11300		12600	
1,4-Dioxane	870	U	40000	40000	38500		71000	F1 F2
Trichloroethene	620		2000	2000	2370		2540	
Toluene	210		2000	2000	2030		2210	
trans-1,3-Dichloropropene	19	U	2000	2000	1750		1860	
4-Methyl-2-pentanone	63	U	10000	10000	8630		8890	
cis-1,3-Dichloropropene	16	U	2000	2000	1780		1980	
1,2-Dichlorobenzene	70	J	2000	2000	1810		1980	
1,3-Dichlorobenzene	33	U	2000	2000	1720		2000	
1,4-Dichlorobenzene	33	U	2000	2000	1750		1960	
1,2,4-Trichlorobenzene	27	U	2000	2000	1620		1970	
1,2,3-Trichlorobenzene	35	U	2000	2000	1500		1850	
1,2-Dichloropropane	18	U	2000	2000	1950		2050	
Methylcyclohexane	22	U	2000	2000	1490		1930	
Tetrachloroethene	6000		2000	2000	6790	F1	7360	F1
Xylenes, Total	86	J	4000	4000	3600		3770	

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-333307

Method: 8260C
Preparation: 5035

MS Lab Sample ID:	460-103960-A-7-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	11/12/2015 0747		
Prep Date:	11/04/2015 2154		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103960-A-7-A MSD
Client Matrix:	Solid
Dilution:	50
Analysis Date:	11/12/2015 0811
Prep Date:	11/04/2015 2154
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	23	U	2000	2000	1530	1950
1,1,2,2-Tetrachloroethane	19	U	2000	2000	1750	1880
1,1,2-Trichloroethane	8.0	U	2000	2000	2080	2250
Dibromochloromethane	22	U	2000	2000	1710	1830
1,2-Dibromoethane	19	U	2000	2000	1800	1890
Dichlorodifluoromethane	14	U	2000	2000	1600	1850
Bromochloromethane	30	U	2000	2000	1710	2020
Bromodichloromethane	15	U	2000	2000	1620	1820

Method Blank - Batch: 460-333935

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-333935/7	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89705.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 1006	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-333935

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-333935/7	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89705.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 1006	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	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	69 - 145
Toluene-d8 (Surr)	98	72 - 136
Bromofluorobenzene	97	64 - 131
Dibromofluoromethane (Surr)	99	74 - 134

Method Blank TICs- Batch: 460-333935

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-333935/3	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89701.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 0810	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-333935/4	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89702.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 0834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	93	95	63 - 138	2	30		
Bromomethane	105	102	66 - 145	3	30		
Vinyl chloride	103	101	69 - 139	2	30		
Chloroethane	98	95	68 - 144	4	30		
Methylene Chloride	103	101	78 - 122	2	30		
Acetone	85	86	10 - 150	1	30		
Carbon disulfide	103	104	72 - 127	1	30		
Trichlorofluoromethane	99	96	72 - 140	3	30		
1,1-Dichloroethene	95	97	78 - 125	2	30		
1,1-Dichloroethane	104	105	78 - 123	1	30		
trans-1,2-Dichloroethene	100	98	79 - 123	3	30		
cis-1,2-Dichloroethene	95	95	80 - 120	0	30		
Chloroform	96	94	82 - 123	2	30		
2-Butanone	85	88	40 - 150	4	30		
1,2-Dichloroethane	84	84	75 - 122	0	30		
1,1,1-Trichloroethane	83	87	81 - 125	5	30		
Carbon tetrachloride	90	94	77 - 136	4	30		
Benzene	104	108	77 - 121	3	30		
Bromoform	89	94	68 - 124	5	30		
Styrene	95	96	80 - 120	1	30		
Ethylbenzene	95	95	80 - 120	0	30		
Chlorobenzene	95	97	84 - 114	2	30		
Cyclohexane	106	108	64 - 128	2	30		
Isopropylbenzene	96	101	81 - 124	6	30		
2-Hexanone	99	101	44 - 136	2	30		
MTBE	92	96	77 - 121	4	30		
Freon TF	101	109	69 - 135	7	30		
Methyl acetate	103	104	58 - 140	1	30		
1,4-Dioxane	186	148	65 - 145	23	30	*	*
Trichloroethene	97	92	82 - 122	5	30		
Toluene	103	104	80 - 120	1	30		
trans-1,3-Dichloropropene	100	106	74 - 121	6	30		
4-Methyl-2-pentanone	97	102	62 - 124	5	30		
cis-1,3-Dichloropropene	104	103	78 - 120	1	30		
1,2-Dichlorobenzene	93	99	80 - 120	7	30		
1,3-Dichlorobenzene	95	101	80 - 120	5	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-333935/3	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89701.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 0810	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-333935/4	Analysis Batch:	460-333935	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89702.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/08/2015 0834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	95	99	80 - 120	4	30		
1,2,4-Trichlorobenzene	97	100	45 - 137	3	30		
1,2,3-Trichlorobenzene	100	102	35 - 143	2	30		
1,2-Dichloropropane	109	103	76 - 124	5	30		
Methylcyclohexane	106	104	55 - 133	2	30		
Tetrachloroethene	105	104	71 - 133	0	30		
Xylenes, Total	95	95	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	87	94	37 - 130	7	30		
1,1,2,2-Tetrachloroethane	98	104	59 - 130	6	30		
1,1,2-Trichloroethane	101	105	72 - 117	3	30		
Dibromochloromethane	91	93	83 - 121	3	30		
1,2-Dibromoethane	92	95	76 - 117	3	30		
Dichlorodifluoromethane	94	95	51 - 145	0	30		
Bromochloromethane	94	96	82 - 124	2	30		
Bromodichloromethane	94	91	78 - 122	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	95	69 - 145
Toluene-d8 (Surr)	100	103	72 - 136
Bromofluorobenzene	98	99	64 - 131

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-333935/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-333935/4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/08/2015 0810		Analysis Date:	11/08/2015 0834	
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	1000	1000	934	951
Bromomethane	1000	1000	1050	1020
Vinyl chloride	1000	1000	1030	1010
Chloroethane	1000	1000	984	946
Methylene Chloride	1000	1000	1030	1010
Acetone	5000	5000	4260	4320
Carbon disulfide	1000	1000	1030	1040
Trichlorofluoromethane	1000	1000	985	956
1,1-Dichloroethene	1000	1000	954	972
1,1-Dichloroethane	1000	1000	1040	1050
trans-1,2-Dichloroethene	1000	1000	1000	976
cis-1,2-Dichloroethene	1000	1000	953	950
Chloroform	1000	1000	961	940
2-Butanone	5000	5000	4240	4390
1,2-Dichloroethane	1000	1000	844	841
1,1,1-Trichloroethane	1000	1000	828	868
Carbon tetrachloride	1000	1000	903	940
Benzene	1000	1000	1040	1080
Bromoform	1000	1000	891	939
Styrene	1000	1000	952	957
Ethylbenzene	1000	1000	954	950
Chlorobenzene	1000	1000	952	975
Cyclohexane	1000	1000	1060	1080
Isopropylbenzene	1000	1000	959	1010
2-Hexanone	5000	5000	4970	5070
MTBE	1000	1000	921	958
Freon TF	1000	1000	1010	1090
Methyl acetate	5000	5000	5170	5220
1,4-Dioxane	20000	20000	37100 *	29600 *
Trichloroethene	1000	1000	971	924
Toluene	1000	1000	1030	1040
trans-1,3-Dichloropropene	1000	1000	1000	1060
4-Methyl-2-pentanone	5000	5000	4850	5100
cis-1,3-Dichloropropene	1000	1000	1040	1030
1,2-Dichlorobenzene	1000	1000	927	991
1,3-Dichlorobenzene	1000	1000	955	1010
1,4-Dichlorobenzene	1000	1000	951	989
1,2,4-Trichlorobenzene	1000	1000	969	997
1,2,3-Trichlorobenzene	1000	1000	998	1020

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333935

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-333935/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-333935/4
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	50		Dilution:	50
Analysis Date:	11/08/2015 0810		Analysis Date:	11/08/2015 0834
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	1000	1000	1090	1030
Methylcyclohexane	1000	1000	1060	1040
Tetrachloroethene	1000	1000	1050	1040
Xylenes, Total	2000	2000	1900	1890
1,2-Dibromo-3-Chloropropane	1000	1000	873	935
1,1,2,2-Tetrachloroethane	1000	1000	982	1040
1,1,2-Trichloroethane	1000	1000	1010	1050
Dibromochloromethane	1000	1000	906	934
1,2-Dibromoethane	1000	1000	921	948
Dichlorodifluoromethane	1000	1000	944	946
Bromochloromethane	1000	1000	944	959
Bromodichloromethane	1000	1000	939	906

Method Blank - Batch: 460-334020

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334020/7	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89734.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1251	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334020

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334020/7	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89734.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1251	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	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	69 - 145
Toluene-d8 (Surr)	101	72 - 136
Bromofluorobenzene	96	64 - 131
Dibromofluoromethane (Surr)	101	74 - 134

Method Blank TICs- Batch: 460-334020

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334020

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334020/3	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89730.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1101	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334020/4	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89731.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1128	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	109	106	63 - 138	2	30		
Bromomethane	121	100	66 - 145	19	30		
Vinyl chloride	118	102	69 - 139	15	30		
Chloroethane	113	99	68 - 144	13	30		
Methylene Chloride	119	100	78 - 122	17	30		
Acetone	98	88	10 - 150	11	30		
Carbon disulfide	115	101	72 - 127	13	30		
Trichlorofluoromethane	114	95	72 - 140	18	30		
1,1-Dichloroethene	111	98	78 - 125	12	30		
1,1-Dichloroethane	120	103	78 - 123	16	30		
trans-1,2-Dichloroethene	110	91	79 - 123	19	30		
cis-1,2-Dichloroethene	111	98	80 - 120	12	30		
Chloroform	106	95	82 - 123	11	30		
2-Butanone	86	78	40 - 150	10	30		
1,2-Dichloroethane	94	85	75 - 122	10	30		
1,1,1-Trichloroethane	99	87	81 - 125	13	30		
Carbon tetrachloride	103	91	77 - 136	13	30		
Benzene	120	103	77 - 121	15	30		
Bromoform	113	93	68 - 124	19	30		
Styrene	105	90	80 - 120	15	30		
Ethylbenzene	105	90	80 - 120	16	30		
Chlorobenzene	107	92	84 - 114	15	30		
Cyclohexane	113	97	64 - 128	15	30		
Isopropylbenzene	104	92	81 - 124	12	30		
2-Hexanone	107	99	44 - 136	7	30		
MTBE	105	95	77 - 121	10	30		
Freon TF	114	93	69 - 135	20	30		
Methyl acetate	123	106	58 - 140	15	30		
1,4-Dioxane	167	202	65 - 145	19	30	*	*
Trichloroethene	106	94	82 - 122	12	30		
Toluene	113	98	80 - 120	14	30		
trans-1,3-Dichloropropene	115	100	74 - 121	14	30		
4-Methyl-2-pentanone	109	95	62 - 124	13	30		
cis-1,3-Dichloropropene	116	104	78 - 120	11	30		
1,2-Dichlorobenzene	108	91	80 - 120	17	30		
1,3-Dichlorobenzene	110	94	80 - 120	16	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334020

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334020/3	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89730.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1101	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334020/4	Analysis Batch:	460-334020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89731.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1128	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	106	93	80 - 120	13	30		
1,2,4-Trichlorobenzene	113	98	45 - 137	14	30		
1,2,3-Trichlorobenzene	114	97	35 - 143	16	30		
1,2-Dichloropropane	117	102	76 - 124	13	30		
Methylcyclohexane	109	93	55 - 133	16	30		
Tetrachloroethene	108	94	71 - 133	14	30		
Xylenes, Total	103	91	80 - 120	13	30		
1,2-Dibromo-3-Chloropropane	99	84	37 - 130	17	30		
1,1,2,2-Tetrachloroethane	120	104	59 - 130	15	30		
1,1,2-Trichloroethane	120	97	72 - 117	20	30	*	
Dibromochloromethane	109	95	83 - 121	14	30		
1,2-Dibromoethane	103	92	76 - 117	11	30		
Dichlorodifluoromethane	109	88	51 - 145	21	30		
Bromochloromethane	106	93	82 - 124	12	30		
Bromodichloromethane	106	89	78 - 122	17	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	94	69 - 145
Toluene-d8 (Surr)	119	99	72 - 136
Bromofluorobenzene	115	97	64 - 131

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334020

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334020/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334020/4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/09/2015 1101		Analysis Date:	11/09/2015 1128	
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	1000	1000	1090	1060
Bromomethane	1000	1000	1210	1000
Vinyl chloride	1000	1000	1180	1020
Chloroethane	1000	1000	1130	991
Methylene Chloride	1000	1000	1190	1000
Acetone	5000	5000	4910	4400
Carbon disulfide	1000	1000	1150	1010
Trichlorofluoromethane	1000	1000	1140	950
1,1-Dichloroethene	1000	1000	1110	983
1,1-Dichloroethane	1000	1000	1200	1030
trans-1,2-Dichloroethene	1000	1000	1100	915
cis-1,2-Dichloroethene	1000	1000	1110	982
Chloroform	1000	1000	1060	951
2-Butanone	5000	5000	4300	3910
1,2-Dichloroethane	1000	1000	942	850
1,1,1-Trichloroethane	1000	1000	993	871
Carbon tetrachloride	1000	1000	1030	907
Benzene	1000	1000	1200	1030
Bromoform	1000	1000	1130	934
Styrene	1000	1000	1050	900
Ethylbenzene	1000	1000	1050	895
Chlorobenzene	1000	1000	1070	923
Cyclohexane	1000	1000	1130	974
Isopropylbenzene	1000	1000	1040	924
2-Hexanone	5000	5000	5340	4970
MTBE	1000	1000	1050	955
Freon TF	1000	1000	1140	929
Methyl acetate	5000	5000	6150	5310
1,4-Dioxane	20000	20000	33400 *	40300 *
Trichloroethene	1000	1000	1060	938
Toluene	1000	1000	1130	984
trans-1,3-Dichloropropene	1000	1000	1150	995
4-Methyl-2-pentanone	5000	5000	5430	4770
cis-1,3-Dichloropropene	1000	1000	1160	1040
1,2-Dichlorobenzene	1000	1000	1080	905
1,3-Dichlorobenzene	1000	1000	1100	938
1,4-Dichlorobenzene	1000	1000	1060	925
1,2,4-Trichlorobenzene	1000	1000	1130	981
1,2,3-Trichlorobenzene	1000	1000	1140	971

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334020

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334020/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334020/4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	50		Dilution:	50	
Analysis Date:	11/09/2015 1101		Analysis Date:	11/09/2015 1128	
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	1000	1000	1170		1020
Methylcyclohexane	1000	1000	1090		931
Tetrachloroethene	1000	1000	1080		939
Xylenes, Total	2000	2000	2060		1820
1,2-Dibromo-3-Chloropropane	1000	1000	993		837
1,1,2,2-Tetrachloroethane	1000	1000	1200		1040
1,1,2-Trichloroethane	1000	1000	1200	*	974
Dibromochloromethane	1000	1000	1090		947
1,2-Dibromoethane	1000	1000	1030		921
Dichlorodifluoromethane	1000	1000	1090		884
Bromochloromethane	1000	1000	1060		934
Bromodichloromethane	1000	1000	1060		886

Method Blank - Batch: 460-334049

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334049/7	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46835.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1313	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.38	U	0.38	1.0
Bromomethane	0.32	U	0.32	1.0
Vinyl chloride	0.39	U	0.39	1.0
Chloroethane	0.35	U	0.35	1.0
Methylene Chloride	0.32	U	0.32	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.43	U	0.43	1.0
Trichlorofluoromethane	0.34	U	0.34	1.0
1,1-Dichloroethene	0.41	U	0.41	1.0
1,1-Dichloroethane	0.34	U	0.34	1.0
trans-1,2-Dichloroethene	0.39	U	0.39	1.0
cis-1,2-Dichloroethene	0.22	U	0.22	1.0
Chloroform	0.21	U	0.21	1.0
2-Butanone	0.77	U	0.77	5.0
1,2-Dichloroethane	0.11	U	0.11	1.0
1,1,1-Trichloroethane	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Benzene	0.20	U	0.20	1.0
Bromoform	0.13	U	0.13	1.0
Styrene	0.15	U	0.15	1.0
Ethylbenzene	0.18	U	0.18	1.0
Chlorobenzene	0.14	U	0.14	1.0
Cyclohexane	0.46	U	0.46	1.0
Isopropylbenzene	0.17	U	0.17	1.0
2-Hexanone	0.94	U	0.94	5.0
MTBE	0.17	U	0.17	1.0
Freon TF	0.44	U	0.44	1.0
Methyl acetate	0.90	U	0.90	5.0
1,4-Dioxane	6.4	U	6.4	20
Trichloroethene	0.26	U	0.26	1.0
Toluene	0.19	U	0.19	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	2.2	U	2.2	5.0
cis-1,3-Dichloropropene	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.14	U	0.14	1.0
1,3-Dichlorobenzene	0.12	U	0.12	1.0
1,4-Dichlorobenzene	0.13	U	0.13	1.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,3-Trichlorobenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.17	U	0.17	1.0
Methylcyclohexane	0.50	U	0.50	1.0
Tetrachloroethene	0.28	U	0.28	1.0
Xylenes, Total	0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane	0.17	U	0.17	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334049

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334049/7	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46835.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1313	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	0.28	U	0.28	1.0
Dibromochloromethane	0.15	U	0.15	1.0
1,2-Dibromoethane	0.12	U	0.12	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromochloromethane	0.17	U	0.17	1.0
Bromodichloromethane	0.38	U	0.38	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	78 - 135
Toluene-d8 (Surr)	100	73 - 121
Bromofluorobenzene	99	67 - 126
Dibromofluoromethane (Surr)	106	61 - 149

Method Blank TICs- Batch: 460-334049

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334049

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334049/4	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1140	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334049/5	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46833.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1206	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	106	104	73 - 130	2	30		
Bromomethane	99	102	74 - 125	2	30		
Vinyl chloride	102	102	77 - 130	1	30		
Chloroethane	108	111	63 - 143	3	30		
Methylene Chloride	101	102	80 - 120	0	30		
Acetone	105	126	66 - 150	19	30		
Carbon disulfide	93	101	82 - 127	8	30		
Trichlorofluoromethane	95	98	73 - 134	3	30		
1,1-Dichloroethene	89	100	80 - 120	11	30		
1,1-Dichloroethane	99	103	83 - 131	5	30		
trans-1,2-Dichloroethene	94	101	86 - 126	7	30		
cis-1,2-Dichloroethene	97	100	80 - 120	4	30		
Chloroform	97	102	80 - 120	5	30		
2-Butanone	104	112	58 - 150	7	30		
1,2-Dichloroethane	96	100	75 - 132	4	30		
1,1,1-Trichloroethane	90	97	78 - 139	8	30		
Carbon tetrachloride	87	98	62 - 150	11	30		
Benzene	94	100	78 - 122	6	30		
Bromoform	92	94	47 - 150	1	30		
Styrene	92	96	80 - 120	5	30		
Ethylbenzene	86	95	80 - 120	10	30		
Chlorobenzene	92	96	80 - 120	4	30		
Cyclohexane	91	102	77 - 137	11	30		
Isopropylbenzene	86	96	80 - 120	11	30		
2-Hexanone	98	105	75 - 137	7	30		
MTBE	103	104	80 - 120	2	30		
Freon TF	91	103	83 - 136	12	30		
Methyl acetate	106	110	66 - 150	4	30		
1,4-Dioxane	129	130	80 - 128	1	30	*	*
Trichloroethene	88	97	80 - 120	10	30		
Toluene	90	97	80 - 120	8	30		
trans-1,3-Dichloropropene	94	99	73 - 118	5	30		
4-Methyl-2-pentanone	97	100	81 - 121	2	30		
cis-1,3-Dichloropropene	96	101	75 - 118	5	30		
1,2-Dichlorobenzene	91	96	80 - 120	6	30		
1,3-Dichlorobenzene	92	98	80 - 120	6	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334049

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334049/4	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1140	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334049/5	Analysis Batch:	460-334049	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46833.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/09/2015 1206	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	98	80 - 120	6	30		
1,2,4-Trichlorobenzene	89	97	77 - 116	8	30		
1,2,3-Trichlorobenzene	100	105	77 - 116	5	30		
1,2-Dichloropropane	93	98	77 - 124	5	30		
Methylcyclohexane	89	101	84 - 127	13	30		
Tetrachloroethene	86	96	68 - 130	11	30		
Xylenes, Total	87	95	80 - 120	8	30		
1,2-Dibromo-3-Chloropropane	92	96	63 - 131	3	30		
1,1,2,2-Tetrachloroethane	91	95	64 - 128	4	30		
1,1,2-Trichloroethane	97	99	76 - 118	2	30		
Dibromochloromethane	93	97	68 - 132	4	30		
1,2-Dibromoethane	95	97	80 - 120	2	30		
Dichlorodifluoromethane	91	97	73 - 122	7	30		
Bromochloromethane	99	102	73 - 132	3	30		
Bromodichloromethane	94	98	76 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	97	78 - 135
Toluene-d8 (Surr)	102	96	73 - 121
Bromofluorobenzene	101	95	67 - 126

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334049

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334049/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334049/5	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/09/2015 1140		Analysis Date:	11/09/2015 1206	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Chloromethane	20.0	20.0	21.3		20.8	
Bromomethane	20.0	20.0	19.9		20.4	
Vinyl chloride	20.0	20.0	20.4		20.3	
Chloroethane	20.0	20.0	21.6		22.3	
Methylene Chloride	20.0	20.0	20.3		20.3	
Acetone	100	100	105		126	
Carbon disulfide	20.0	20.0	18.6		20.2	
Trichlorofluoromethane	20.0	20.0	19.0		19.6	
1,1-Dichloroethene	20.0	20.0	17.9		20.0	
1,1-Dichloroethane	20.0	20.0	19.7		20.6	
trans-1,2-Dichloroethene	20.0	20.0	18.9		20.2	
cis-1,2-Dichloroethene	20.0	20.0	19.3		20.1	
Chloroform	20.0	20.0	19.4		20.3	
2-Butanone	100	100	104		112	
1,2-Dichloroethane	20.0	20.0	19.2		20.0	
1,1,1-Trichloroethane	20.0	20.0	17.9		19.4	
Carbon tetrachloride	20.0	20.0	17.5		19.5	
Benzene	20.0	20.0	18.9		20.1	
Bromoform	20.0	20.0	18.5		18.7	
Styrene	20.0	20.0	18.4		19.3	
Ethylbenzene	20.0	20.0	17.1		19.0	
Chlorobenzene	20.0	20.0	18.5		19.3	
Cyclohexane	20.0	20.0	18.3		20.4	
Isopropylbenzene	20.0	20.0	17.1		19.1	
2-Hexanone	100	100	98.3		105	
MTBE	20.0	20.0	20.6		20.9	
Freon TF	20.0	20.0	18.2		20.6	
Methyl acetate	100	100	106		110	
1,4-Dioxane	400	400	516	*	522	*
Trichloroethene	20.0	20.0	17.6		19.4	
Toluene	20.0	20.0	17.9		19.4	
trans-1,3-Dichloropropene	20.0	20.0	18.8		19.8	
4-Methyl-2-pentanone	100	100	97.2		99.5	
cis-1,3-Dichloropropene	20.0	20.0	19.1		20.2	
1,2-Dichlorobenzene	20.0	20.0	18.1		19.3	
1,3-Dichlorobenzene	20.0	20.0	18.4		19.6	
1,4-Dichlorobenzene	20.0	20.0	18.5		19.6	
1,2,4-Trichlorobenzene	20.0	20.0	17.9		19.4	
1,2,3-Trichlorobenzene	20.0	20.0	19.9		21.0	

Client: Antea USA, Inc.

Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334049

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334049/4	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334049/5
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/09/2015 1140		Analysis Date:	11/09/2015 1206
Prep Date:	N/A		Prep Date:	N/A
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	18.6	19.6
Methylcyclohexane	20.0	20.0	17.7	20.2
Tetrachloroethene	20.0	20.0	17.2	19.1
Xylenes, Total	40.0	40.0	34.9	37.8
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.4	19.1
1,1,2,2-Tetrachloroethane	20.0	20.0	18.2	19.0
1,1,2-Trichloroethane	20.0	20.0	19.4	19.7
Dibromochloromethane	20.0	20.0	18.7	19.3
1,2-Dibromoethane	20.0	20.0	19.0	19.4
Dichlorodifluoromethane	20.0	20.0	18.1	19.4
Bromochloromethane	20.0	20.0	19.8	20.4
Bromodichloromethane	20.0	20.0	18.7	19.6

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334331

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334331/6	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46886.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1146	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.38	U	0.38	1.0
Bromomethane	0.32	U	0.32	1.0
Vinyl chloride	0.39	U	0.39	1.0
Chloroethane	0.35	U	0.35	1.0
Methylene Chloride	0.32	U	0.32	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.43	U	0.43	1.0
Trichlorofluoromethane	0.34	U	0.34	1.0
1,1-Dichloroethene	0.41	U	0.41	1.0
1,1-Dichloroethane	0.34	U	0.34	1.0
trans-1,2-Dichloroethene	0.39	U	0.39	1.0
cis-1,2-Dichloroethene	0.22	U	0.22	1.0
Chloroform	0.21	U	0.21	1.0
2-Butanone	0.77	U	0.77	5.0
1,2-Dichloroethane	0.11	U	0.11	1.0
1,1,1-Trichloroethane	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Benzene	0.20	U	0.20	1.0
Bromoform	0.13	U	0.13	1.0
Styrene	0.15	U	0.15	1.0
Ethylbenzene	0.18	U	0.18	1.0
Chlorobenzene	0.14	U	0.14	1.0
Cyclohexane	0.46	U	0.46	1.0
Isopropylbenzene	0.17	U	0.17	1.0
2-Hexanone	0.94	U	0.94	5.0
MTBE	0.17	U	0.17	1.0
Freon TF	0.44	U	0.44	1.0
Methyl acetate	0.90	U	0.90	5.0
1,4-Dioxane	6.4	U	6.4	20
Trichloroethene	0.26	U	0.26	1.0
Toluene	0.19	U	0.19	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	2.2	U	2.2	5.0
cis-1,3-Dichloropropene	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.14	U	0.14	1.0
1,3-Dichlorobenzene	0.12	U	0.12	1.0
1,4-Dichlorobenzene	0.13	U	0.13	1.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,3-Trichlorobenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.17	U	0.17	1.0
Methylcyclohexane	0.50	U	0.50	1.0
Tetrachloroethene	0.28	U	0.28	1.0
Xylenes, Total	0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane	0.17	U	0.17	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334331

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334331/6	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46886.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1146	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	0.28	U	0.28	1.0
Dibromochloromethane	0.15	U	0.15	1.0
1,2-Dibromoethane	0.12	U	0.12	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromochloromethane	0.17	U	0.17	1.0
Bromodichloromethane	0.38	U	0.38	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	78 - 135
Toluene-d8 (Surr)	100	73 - 121
Bromofluorobenzene	101	67 - 126
Dibromofluoromethane (Surr)	106	61 - 149

Method Blank TICs- Batch: 460-334331

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334331

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334331/3	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46883.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1026	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334331/4	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46884.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1053	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	109	114	73 - 130	5	30		
Bromomethane	99	101	74 - 125	2	30		
Vinyl chloride	99	110	77 - 130	11	30		
Chloroethane	111	116	63 - 143	4	30		
Methylene Chloride	104	106	80 - 120	2	30		
Acetone	115	117	66 - 150	2	30		
Carbon disulfide	93	108	82 - 127	14	30		
Trichlorofluoromethane	95	108	73 - 134	13	30		
1,1-Dichloroethene	89	106	80 - 120	17	30		
1,1-Dichloroethane	101	109	83 - 131	7	30		
trans-1,2-Dichloroethene	96	105	86 - 126	10	30		
cis-1,2-Dichloroethene	99	103	80 - 120	4	30		
Chloroform	99	105	80 - 120	6	30		
2-Butanone	109	111	58 - 150	2	30		
1,2-Dichloroethane	96	101	75 - 132	6	30		
1,1,1-Trichloroethane	90	106	78 - 139	16	30		
Carbon tetrachloride	86	106	62 - 150	21	30		
Benzene	94	103	78 - 122	9	30		
Bromoform	90	94	47 - 150	4	30		
Styrene	93	99	80 - 120	7	30		
Ethylbenzene	85	96	80 - 120	12	30		
Chlorobenzene	93	100	80 - 120	7	30		
Cyclohexane	86	112	77 - 137	27	30		
Isopropylbenzene	86	98	80 - 120	14	30		
2-Hexanone	102	106	75 - 137	4	30		
MTBE	105	107	80 - 120	2	30		
Freon TF	86	111	83 - 136	26	30		
Methyl acetate	105	111	66 - 150	5	30		
1,4-Dioxane	126	141	80 - 128	12	30		*
Trichloroethene	87	101	80 - 120	15	30		
Toluene	90	100	80 - 120	11	30		
trans-1,3-Dichloropropene	93	99	73 - 118	6	30		
4-Methyl-2-pentanone	98	101	81 - 121	3	30		
cis-1,3-Dichloropropene	95	98	75 - 118	4	30		
1,2-Dichlorobenzene	94	100	80 - 120	6	30		
1,3-Dichlorobenzene	94	101	80 - 120	8	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334331

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334331/3	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46883.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1026	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334331/4	Analysis Batch:	460-334331	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46884.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 1053	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	93	101	80 - 120	8	30		
1,2,4-Trichlorobenzene	94	97	77 - 116	4	30		
1,2,3-Trichlorobenzene	105	108	77 - 116	3	30		
1,2-Dichloropropane	94	101	77 - 124	7	30		
Methylcyclohexane	83	109	84 - 127	28	30	*	
Tetrachloroethene	83	100	68 - 130	19	30		
Xylenes, Total	88	98	80 - 120	10	30		
1,2-Dibromo-3-Chloropropane	95	98	63 - 131	3	30		
1,1,2,2-Tetrachloroethane	91	98	64 - 128	7	30		
1,1,2-Trichloroethane	93	99	76 - 118	6	30		
Dibromochloromethane	92	97	68 - 132	6	30		
1,2-Dibromoethane	93	98	80 - 120	5	30		
Dichlorodifluoromethane	88	105	73 - 122	17	30		
Bromochloromethane	103	106	73 - 132	3	30		
Bromodichloromethane	95	99	76 - 130	5	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	100	78 - 135
Toluene-d8 (Surr)	103	101	73 - 121
Bromofluorobenzene	102	101	67 - 126

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334331

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334331/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334331/4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/10/2015 1026		Analysis Date:	11/10/2015 1053	
Prep Date:	N/A		Prep Date:	N/A	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Chloromethane	20.0	20.0	21.8	22.8	
Bromomethane	20.0	20.0	19.8	20.2	
Vinyl chloride	20.0	20.0	19.8	22.1	
Chloroethane	20.0	20.0	22.2	23.2	
Methylene Chloride	20.0	20.0	20.8	21.2	
Acetone	100	100	115	117	
Carbon disulfide	20.0	20.0	18.7	21.5	
Trichlorofluoromethane	20.0	20.0	19.0	21.6	
1,1-Dichloroethene	20.0	20.0	17.8	21.2	
1,1-Dichloroethane	20.0	20.0	20.2	21.8	
trans-1,2-Dichloroethene	20.0	20.0	19.1	21.0	
cis-1,2-Dichloroethene	20.0	20.0	19.7	20.6	
Chloroform	20.0	20.0	19.8	21.1	
2-Butanone	100	100	109	111	
1,2-Dichloroethane	20.0	20.0	19.1	20.2	
1,1,1-Trichloroethane	20.0	20.0	18.0	21.1	
Carbon tetrachloride	20.0	20.0	17.2	21.1	
Benzene	20.0	20.0	18.8	20.5	
Bromoform	20.0	20.0	17.9	18.7	
Styrene	20.0	20.0	18.5	19.8	
Ethylbenzene	20.0	20.0	17.1	19.3	
Chlorobenzene	20.0	20.0	18.6	19.9	
Cyclohexane	20.0	20.0	17.1	22.5	
Isopropylbenzene	20.0	20.0	17.1	19.7	
2-Hexanone	100	100	102	106	
MTBE	20.0	20.0	21.0	21.5	
Freon TF	20.0	20.0	17.1	22.2	
Methyl acetate	100	100	105	111	
1,4-Dioxane	400	400	502	565	*
Trichloroethene	20.0	20.0	17.4	20.3	
Toluene	20.0	20.0	17.9	19.9	
trans-1,3-Dichloropropene	20.0	20.0	18.6	19.7	
4-Methyl-2-pentanone	100	100	98.5	101	
cis-1,3-Dichloropropene	20.0	20.0	18.9	19.6	
1,2-Dichlorobenzene	20.0	20.0	18.8	20.0	
1,3-Dichlorobenzene	20.0	20.0	18.8	20.3	
1,4-Dichlorobenzene	20.0	20.0	18.6	20.2	
1,2,4-Trichlorobenzene	20.0	20.0	18.8	19.5	
1,2,3-Trichlorobenzene	20.0	20.0	21.0	21.6	

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334331

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334331/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334331/4	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/10/2015 1026		Analysis Date:	11/10/2015 1053	
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	18.9		20.2
Methylcyclohexane	20.0	20.0	16.6	*	21.8
Tetrachloroethene	20.0	20.0	16.5		20.0
Xylenes, Total	40.0	40.0	35.2		39.0
1,2-Dibromo-3-Chloropropane	20.0	20.0	19.0		19.6
1,1,2,2-Tetrachloroethane	20.0	20.0	18.1		19.6
1,1,2-Trichloroethane	20.0	20.0	18.7		19.8
Dibromochloromethane	20.0	20.0	18.4		19.4
1,2-Dibromoethane	20.0	20.0	18.6		19.5
Dichlorodifluoromethane	20.0	20.0	17.7		21.0
Bromochloromethane	20.0	20.0	20.6		21.2
Bromodichloromethane	20.0	20.0	18.9		19.8

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334450

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334450/6	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46912.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2358	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.38	U	0.38	1.0
Bromomethane	0.32	U	0.32	1.0
Vinyl chloride	0.39	U	0.39	1.0
Chloroethane	0.35	U	0.35	1.0
Methylene Chloride	0.32	U	0.32	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.43	U	0.43	1.0
Trichlorofluoromethane	0.34	U	0.34	1.0
1,1-Dichloroethene	0.41	U	0.41	1.0
1,1-Dichloroethane	0.34	U	0.34	1.0
trans-1,2-Dichloroethene	0.39	U	0.39	1.0
cis-1,2-Dichloroethene	0.22	U	0.22	1.0
Chloroform	0.21	U	0.21	1.0
2-Butanone	0.77	U	0.77	5.0
1,2-Dichloroethane	0.11	U	0.11	1.0
1,1,1-Trichloroethane	0.38	U	0.38	1.0
Carbon tetrachloride	0.43	U	0.43	1.0
Benzene	0.20	U	0.20	1.0
Bromoform	0.13	U	0.13	1.0
Styrene	0.15	U	0.15	1.0
Ethylbenzene	0.18	U	0.18	1.0
Chlorobenzene	0.14	U	0.14	1.0
Cyclohexane	0.46	U	0.46	1.0
Isopropylbenzene	0.17	U	0.17	1.0
2-Hexanone	0.94	U	0.94	5.0
MTBE	0.17	U	0.17	1.0
Freon TF	0.44	U	0.44	1.0
Methyl acetate	0.90	U	0.90	5.0
1,4-Dioxane	6.4	U	6.4	20
Trichloroethene	0.26	U	0.26	1.0
Toluene	0.19	U	0.19	1.0
trans-1,3-Dichloropropene	0.10	U	0.10	1.0
4-Methyl-2-pentanone	2.2	U	2.2	5.0
cis-1,3-Dichloropropene	0.15	U	0.15	1.0
1,2-Dichlorobenzene	0.14	U	0.14	1.0
1,3-Dichlorobenzene	0.12	U	0.12	1.0
1,4-Dichlorobenzene	0.13	U	0.13	1.0
1,2,4-Trichlorobenzene	0.32	U	0.32	1.0
1,2,3-Trichlorobenzene	0.11	U	0.11	1.0
1,2-Dichloropropane	0.17	U	0.17	1.0
Methylcyclohexane	0.50	U	0.50	1.0
Tetrachloroethene	0.28	U	0.28	1.0
Xylenes, Total	0.11	U	0.11	2.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
1,1,2,2-Tetrachloroethane	0.17	U	0.17	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334450

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334450/6	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46912.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2358	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	0.28	U	0.28	1.0
Dibromochloromethane	0.15	U	0.15	1.0
1,2-Dibromoethane	0.12	U	0.12	1.0
Dichlorodifluoromethane	0.32	U	0.32	1.0
Bromochloromethane	0.17	U	0.17	1.0
Bromodichloromethane	0.38	U	0.38	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	78 - 135
Toluene-d8 (Surr)	94	73 - 121
Bromofluorobenzene	98	67 - 126
Dibromofluoromethane (Surr)	102	61 - 149

Method Blank TICs- Batch: 460-334450

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334450

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334450/3	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46909.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2228	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334450/4	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2254	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	100	93	73 - 130	7	30		
Bromomethane	109	106	74 - 125	3	30		
Vinyl chloride	102	97	77 - 130	6	30		
Chloroethane	134	112	63 - 143	18	30		
Methylene Chloride	102	103	80 - 120	1	30		
Acetone	125	122	66 - 150	3	30		
Carbon disulfide	105	105	82 - 127	1	30		
Trichlorofluoromethane	109	103	73 - 134	5	30		
1,1-Dichloroethene	105	105	80 - 120	0	30		
1,1-Dichloroethane	105	105	83 - 131	0	30		
trans-1,2-Dichloroethene	104	104	86 - 126	1	30		
cis-1,2-Dichloroethene	104	103	80 - 120	0	30		
Chloroform	101	103	80 - 120	2	30		
2-Butanone	112	112	58 - 150	0	30		
1,2-Dichloroethane	96	95	75 - 132	1	30		
1,1,1-Trichloroethane	105	104	78 - 139	1	30		
Carbon tetrachloride	105	103	62 - 150	2	30		
Benzene	98	101	78 - 122	2	30		
Bromoform	91	93	47 - 150	2	30		
Styrene	101	100	80 - 120	1	30		
Ethylbenzene	99	99	80 - 120	0	30		
Chlorobenzene	100	99	80 - 120	1	30		
Cyclohexane	113	113	77 - 137	1	30		
Isopropylbenzene	103	103	80 - 120	0	30		
2-Hexanone	110	108	75 - 137	2	30		
MTBE	104	106	80 - 120	1	30		
Freon TF	109	112	83 - 136	2	30		
Methyl acetate	102	101	66 - 150	2	30		
1,4-Dioxane	123	121	80 - 128	2	30		
Trichloroethene	101	100	80 - 120	1	30		
Toluene	99	99	80 - 120	1	30		
trans-1,3-Dichloropropene	96	97	73 - 118	1	30		
4-Methyl-2-pentanone	104	103	81 - 121	1	30		
cis-1,3-Dichloropropene	98	98	75 - 118	0	30		
1,2-Dichlorobenzene	98	99	80 - 120	1	30		
1,3-Dichlorobenzene	98	101	80 - 120	3	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334450

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334450/3	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46909.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2228	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334450/4	Analysis Batch:	460-334450	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K46910.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2254	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	99	100	80 - 120	1	30		
1,2,4-Trichlorobenzene	99	101	77 - 116	2	30		
1,2,3-Trichlorobenzene	108	108	77 - 116	0	30		
1,2-Dichloropropane	99	100	77 - 124	1	30		
Methylcyclohexane	112	112	84 - 127	0	30		
Tetrachloroethene	101	103	68 - 130	2	30		
Xylenes, Total	100	100	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	93	92	63 - 131	1	30		
1,1,2,2-Tetrachloroethane	93	95	64 - 128	2	30		
1,1,2-Trichloroethane	98	97	76 - 118	1	30		
Dibromochloromethane	96	97	68 - 132	1	30		
1,2-Dibromoethane	96	98	80 - 120	2	30		
Dichlorodifluoromethane	103	102	73 - 122	1	30		
Bromochloromethane	103	104	73 - 132	1	30		
Bromodichloromethane	98	99	76 - 130	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	94	78 - 135
Toluene-d8 (Surr)	100	100	73 - 121
Bromofluorobenzene	101	101	67 - 126

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334450

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334450/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334450/4
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 2228		Analysis Date:	11/10/2015 2254
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	19.9	18.6
Bromomethane	20.0	20.0	21.9	21.3
Vinyl chloride	20.0	20.0	20.4	19.3
Chloroethane	20.0	20.0	26.9	22.4
Methylene Chloride	20.0	20.0	20.3	20.6
Acetone	100	100	125	122
Carbon disulfide	20.0	20.0	20.9	21.1
Trichlorofluoromethane	20.0	20.0	21.8	20.7
1,1-Dichloroethene	20.0	20.0	21.0	20.9
1,1-Dichloroethane	20.0	20.0	21.1	21.1
trans-1,2-Dichloroethene	20.0	20.0	20.8	20.9
cis-1,2-Dichloroethene	20.0	20.0	20.8	20.7
Chloroform	20.0	20.0	20.2	20.6
2-Butanone	100	100	112	112
1,2-Dichloroethane	20.0	20.0	19.2	19.0
1,1,1-Trichloroethane	20.0	20.0	21.1	20.8
Carbon tetrachloride	20.0	20.0	21.0	20.7
Benzene	20.0	20.0	19.7	20.1
Bromoform	20.0	20.0	18.2	18.5
Styrene	20.0	20.0	20.2	20.1
Ethylbenzene	20.0	20.0	19.9	19.8
Chlorobenzene	20.0	20.0	20.0	19.9
Cyclohexane	20.0	20.0	22.7	22.5
Isopropylbenzene	20.0	20.0	20.5	20.5
2-Hexanone	100	100	110	108
MTBE	20.0	20.0	20.9	21.1
Freon TF	20.0	20.0	21.9	22.4
Methyl acetate	100	100	102	101
1,4-Dioxane	400	400	493	483
Trichloroethene	20.0	20.0	20.2	20.0
Toluene	20.0	20.0	19.8	19.9
trans-1,3-Dichloropropene	20.0	20.0	19.2	19.4
4-Methyl-2-pentanone	100	100	104	103
cis-1,3-Dichloropropene	20.0	20.0	19.6	19.6
1,2-Dichlorobenzene	20.0	20.0	19.7	19.9
1,3-Dichlorobenzene	20.0	20.0	19.6	20.2
1,4-Dichlorobenzene	20.0	20.0	19.8	20.1
1,2,4-Trichlorobenzene	20.0	20.0	19.8	20.2
1,2,3-Trichlorobenzene	20.0	20.0	21.5	21.6

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334450

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-334450/3	Units: ug/Kg	LCSD Lab Sample ID:	LCSD 460-334450/4
Client Matrix:	Solid		Client Matrix:	Solid
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 2228		Analysis Date:	11/10/2015 2254
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	19.8	20.1
Methylcyclohexane	20.0	20.0	22.3	22.3
Tetrachloroethene	20.0	20.0	20.1	20.6
Xylenes, Total	40.0	40.0	39.8	40.1
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.5	18.4
1,1,2,2-Tetrachloroethane	20.0	20.0	18.6	18.9
1,1,2-Trichloroethane	20.0	20.0	19.7	19.4
Dibromochloromethane	20.0	20.0	19.2	19.4
1,2-Dibromoethane	20.0	20.0	19.1	19.5
Dichlorodifluoromethane	20.0	20.0	20.7	20.4
Bromochloromethane	20.0	20.0	20.5	20.8
Bromodichloromethane	20.0	20.0	19.6	19.8

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334459

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-334459/7	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03990.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2300	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	0.22	U	0.22	1.0
Bromomethane	0.18	U	0.18	1.0
Vinyl chloride	0.060	U	0.060	1.0
Chloroethane	0.37	U	0.37	1.0
Methylene Chloride	0.21	U	0.21	1.0
Acetone	1.1	U	1.1	5.0
Carbon disulfide	0.22	U	0.22	1.0
Trichlorofluoromethane	0.15	U	0.15	1.0
1,1-Dichloroethene	0.34	U	0.34	1.0
1,1-Dichloroethane	0.24	U	0.24	1.0
trans-1,2-Dichloroethene	0.18	U	0.18	1.0
cis-1,2-Dichloroethene	0.26	U	0.26	1.0
Chloroform	0.22	U	0.22	1.0
2-Butanone	2.2	U	2.2	5.0
1,2-Dichloroethane	0.25	U	0.25	1.0
1,1,1-Trichloroethane	0.28	U	0.28	1.0
Carbon tetrachloride	0.33	U	0.33	1.0
Benzene	0.090	U	0.090	1.0
Bromoform	0.18	U	0.18	1.0
Styrene	0.17	U	0.17	1.0
Ethylbenzene	0.30	U	0.30	1.0
Chlorobenzene	0.24	U	0.24	1.0
Cyclohexane	0.26	U	0.26	1.0
Isopropylbenzene	0.32	U	0.32	1.0
2-Hexanone	0.72	U	0.72	5.0
MTBE	0.13	U	0.13	1.0
Freon TF	0.34	U	0.34	1.0
Methyl acetate	0.58	U	0.58	5.0
1,4-Dioxane	8.7	U	8.7	50
Trichloroethene	0.22	U	0.22	1.0
Toluene	0.25	U	0.25	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
4-Methyl-2-pentanone	0.63	U	0.63	5.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
1,2-Dichlorobenzene	0.22	U	0.22	1.0
1,3-Dichlorobenzene	0.33	U	0.33	1.0
1,4-Dichlorobenzene	0.33	U	0.33	1.0
1,2,4-Trichlorobenzene	0.27	U	0.27	1.0
1,2,3-Trichlorobenzene	0.35	U	0.35	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
Methylcyclohexane	0.22	U	0.22	1.0
Tetrachloroethene	0.12	U	0.12	1.0
Xylenes, Total	0.28	U	0.28	2.0
1,2-Dibromo-3-Chloropropane	0.23	U	0.23	1.0
1,1,2,2-Tetrachloroethane	0.19	U	0.19	1.0

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334459

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-334459/7	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03990.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2300	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	0.080	U	0.080	1.0
Dibromochloromethane	0.22	U	0.22	1.0
1,2-Dibromoethane	0.19	U	0.19	1.0
Dichlorodifluoromethane	0.14	U	0.14	1.0
Bromochloromethane	0.30	U	0.30	1.0
Bromodichloromethane	0.15	U	0.15	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 137
Toluene-d8 (Surr)	96	74 - 120
Bromofluorobenzene	100	70 - 131
Dibromofluoromethane (Surr)	96	72 - 136

Method Blank TICs- Batch: 460-334459

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334459

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-334459/3	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03986.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2109	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2109				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334459/4	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03987.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2137	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2137				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	82	83	45 - 150	2	30		
Bromomethane	99	100	10 - 150	1	30		
Vinyl chloride	79	84	53 - 142	6	30		
Chloroethane	93	94	40 - 150	1	30		
Methylene Chloride	96	99	80 - 126	3	30		
Acetone	86	86	19 - 150	0	30		
Carbon disulfide	108	105	69 - 131	2	30		
Trichlorofluoromethane	89	90	50 - 150	0	30		
1,1-Dichloroethene	99	102	67 - 133	3	30		
1,1-Dichloroethane	100	102	77 - 129	2	30		
trans-1,2-Dichloroethene	96	98	78 - 127	3	30		
cis-1,2-Dichloroethene	95	98	82 - 127	3	30		
Chloroform	99	102	81 - 127	4	30		
2-Butanone	93	94	56 - 150	2	30		
1,2-Dichloroethane	96	99	73 - 131	3	30		
1,1,1-Trichloroethane	100	104	76 - 131	4	30		
Carbon tetrachloride	102	106	71 - 138	4	30		
Benzene	100	100	76 - 125	1	30		
Bromoform	93	96	65 - 124	3	30		
Styrene	98	99	75 - 124	1	30		
Ethylbenzene	101	102	80 - 120	1	30		
Chlorobenzene	97	99	80 - 120	3	30		
Cyclohexane	93	95	51 - 147	3	30		
Isopropylbenzene	103	103	80 - 127	0	30		
2-Hexanone	99	102	64 - 150	3	30		
MTBE	98	103	78 - 129	5	30		
Freon TF	96	96	53 - 149	0	30		
Methyl acetate	93	88	63 - 150	6	30		
1,4-Dioxane	97	96	65 - 150	0	30		
Trichloroethene	98	101	77 - 127	3	30		
Toluene	99	101	80 - 120	2	30		
trans-1,3-Dichloropropene	98	98	69 - 125	0	30		
4-Methyl-2-pentanone	100	103	77 - 130	3	30		
cis-1,3-Dichloropropene	98	98	72 - 125	0	30		
1,2-Dichlorobenzene	97	98	80 - 121	2	30		
1,3-Dichlorobenzene	96	96	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334459

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-334459/3	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03986.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2109	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2109				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334459/4	Analysis Batch:	460-334459	Instrument ID:	CVOAMS12
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O03987.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2015 2137	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2015 2137				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dichlorobenzene	94	96	79 - 120	2	30		
1,2,4-Trichlorobenzene	93	95	66 - 137	2	30		
1,2,3-Trichlorobenzene	93	96	64 - 142	3	30		
1,2-Dichloropropane	98	102	75 - 129	4	30		
Methylcyclohexane	89	93	52 - 142	4	30		
Tetrachloroethene	103	102	71 - 132	0	30		
Xylenes, Total	99	100	80 - 120	1	30		
1,2-Dibromo-3-Chloropropane	105	111	55 - 133	6	30		
1,1,2,2-Tetrachloroethane	101	106	65 - 128	5	30		
1,1,2-Trichloroethane	101	101	77 - 122	0	30		
Dibromochloromethane	96	97	78 - 120	1	30		
1,2-Dibromoethane	99	101	80 - 120	1	30		
Dichlorodifluoromethane	73	77	32 - 150	4	30		
Bromochloromethane	101	105	71 - 137	3	30		
Bromodichloromethane	98	102	78 - 127	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	98	70 - 137
Toluene-d8 (Surr)	95	97	74 - 120
Bromofluorobenzene	100	102	70 - 131

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334459

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-334459/3	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334459/4
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 2109		Analysis Date:	11/10/2015 2137
Prep Date:	11/10/2015 2109		Prep Date:	11/10/2015 2137
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	16.3	16.7
Bromomethane	20.0	20.0	19.8	20.0
Vinyl chloride	20.0	20.0	15.9	16.9
Chloroethane	20.0	20.0	18.6	18.7
Methylene Chloride	20.0	20.0	19.2	19.8
Acetone	100	100	85.5	85.7
Carbon disulfide	20.0	20.0	21.5	21.1
Trichlorofluoromethane	20.0	20.0	17.9	18.0
1,1-Dichloroethene	20.0	20.0	19.9	20.4
1,1-Dichloroethane	20.0	20.0	19.9	20.4
trans-1,2-Dichloroethene	20.0	20.0	19.1	19.7
cis-1,2-Dichloroethene	20.0	20.0	19.0	19.7
Chloroform	20.0	20.0	19.7	20.5
2-Butanone	100	100	92.5	94.1
1,2-Dichloroethane	20.0	20.0	19.2	19.8
1,1,1-Trichloroethane	20.0	20.0	20.1	20.9
Carbon tetrachloride	20.0	20.0	20.4	21.2
Benzene	20.0	20.0	19.9	20.1
Bromoform	20.0	20.0	18.6	19.1
Styrene	20.0	20.0	19.6	19.9
Ethylbenzene	20.0	20.0	20.2	20.3
Chlorobenzene	20.0	20.0	19.3	19.8
Cyclohexane	20.0	20.0	18.5	19.1
Isopropylbenzene	20.0	20.0	20.7	20.6
2-Hexanone	100	100	99.2	102
MTBE	20.0	20.0	19.7	20.6
Freon TF	20.0	20.0	19.2	19.2
Methyl acetate	100	100	93.0	88.0
1,4-Dioxane	400	400	387	385
Trichloroethene	20.0	20.0	19.6	20.3
Toluene	20.0	20.0	19.8	20.1
trans-1,3-Dichloropropene	20.0	20.0	19.7	19.6
4-Methyl-2-pentanone	100	100	99.7	103
cis-1,3-Dichloropropene	20.0	20.0	19.6	19.6
1,2-Dichlorobenzene	20.0	20.0	19.4	19.7
1,3-Dichlorobenzene	20.0	20.0	19.1	19.1
1,4-Dichlorobenzene	20.0	20.0	18.9	19.2
1,2,4-Trichlorobenzene	20.0	20.0	18.6	18.9
1,2,3-Trichlorobenzene	20.0	20.0	18.7	19.2

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334459

Method: 8260C
Preparation: 5030C

LCS Lab Sample ID:	LCS 460-334459/3	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-334459/4
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/10/2015 2109		Analysis Date:	11/10/2015 2137
Prep Date:	11/10/2015 2109		Prep Date:	11/10/2015 2137
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dichloropropane	20.0	20.0	19.6	20.3
Methylcyclohexane	20.0	20.0	17.9	18.5
Tetrachloroethene	20.0	20.0	20.5	20.4
Xylenes, Total	40.0	40.0	39.7	40.1
1,2-Dibromo-3-Chloropropane	20.0	20.0	21.0	22.2
1,1,2,2-Tetrachloroethane	20.0	20.0	20.2	21.3
1,1,2-Trichloroethane	20.0	20.0	20.2	20.2
Dibromochloromethane	20.0	20.0	19.3	19.5
1,2-Dibromoethane	20.0	20.0	19.9	20.2
Dichlorodifluoromethane	20.0	20.0	14.6	15.3
Bromochloromethane	20.0	20.0	20.3	21.0
Bromodichloromethane	20.0	20.0	19.6	20.4

Method Blank - Batch: 460-334629

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334629/7	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89844.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1132	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334629

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334629/7	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89844.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1132	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	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	69 - 145
Toluene-d8 (Surr)	106	72 - 136
Bromofluorobenzene	103	64 - 131
Dibromofluoromethane (Surr)	105	74 - 134

Method Blank TICs- Batch: 460-334629

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Lab Control Sample - Batch: 460-334629

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 460-334629/5	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89842.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1025	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	1060	106	63 - 138	
Bromomethane	1000	1030	103	66 - 145	
Vinyl chloride	1000	1030	103	69 - 139	
Chloroethane	1000	946	95	68 - 144	
Methylene Chloride	1000	1030	103	78 - 122	
Acetone	5000	4690	94	10 - 150	
Carbon disulfide	1000	1020	102	72 - 127	
Trichlorofluoromethane	1000	908	91	72 - 140	
1,1-Dichloroethene	1000	942	94	78 - 125	
1,1-Dichloroethane	1000	1060	106	78 - 123	
trans-1,2-Dichloroethene	1000	1000	100	79 - 123	
cis-1,2-Dichloroethene	1000	948	95	80 - 120	
Chloroform	1000	963	96	82 - 123	
2-Butanone	5000	4460	89	40 - 150	
1,2-Dichloroethane	1000	854	85	75 - 122	
1,1,1-Trichloroethane	1000	860	86	81 - 125	
Carbon tetrachloride	1000	912	91	77 - 136	
Benzene	1000	1010	101	77 - 121	
Bromoform	1000	965	97	68 - 124	
Styrene	1000	952	95	80 - 120	
Ethylbenzene	1000	975	98	80 - 120	
Chlorobenzene	1000	957	96	84 - 114	
Cyclohexane	1000	1000	100	64 - 128	
Isopropylbenzene	1000	978	98	81 - 124	
2-Hexanone	5000	4900	98	44 - 136	
MTBE	1000	958	96	77 - 121	
Freon TF	1000	990	99	69 - 135	
Methyl acetate	5000	5720	114	58 - 140	
1,4-Dioxane	20000	33600	168	65 - 145	*
Trichloroethene	1000	960	96	82 - 122	
Toluene	1000	1020	102	80 - 120	
trans-1,3-Dichloropropene	1000	978	98	74 - 121	
4-Methyl-2-pentanone	5000	4930	99	62 - 124	
cis-1,3-Dichloropropene	1000	1020	102	78 - 120	
1,2-Dichlorobenzene	1000	947	95	80 - 120	
1,3-Dichlorobenzene	1000	940	94	80 - 120	
1,4-Dichlorobenzene	1000	937	94	80 - 120	
1,2,4-Trichlorobenzene	1000	931	93	45 - 137	
1,2,3-Trichlorobenzene	1000	894	89	35 - 143	
1,2-Dichloropropane	1000	1080	108	76 - 124	
Methylcyclohexane	1000	934	93	55 - 133	
Tetrachloroethene	1000	1010	101	71 - 133	
Xylenes, Total	2000	1890	94	80 - 120	
1,2-Dibromo-3-Chloropropane	1000	964	96	37 - 130	
1,1,2,2-Tetrachloroethane	1000	1050	105	59 - 130	
1,1,2-Trichloroethane	1000	1040	104	72 - 117	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334629

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 460-334629/5	Analysis Batch:	460-334629	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89842.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 1025	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	926	93	83 - 121	
1,2-Dibromoethane	1000	883	88	76 - 117	
Dichlorodifluoromethane	1000	884	88	51 - 145	
Bromochloromethane	1000	986	99	82 - 124	
Bromodichloromethane	1000	923	92	78 - 122	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	69 - 145
Toluene-d8 (Surr)	98	72 - 136
Bromofluorobenzene	98	64 - 131

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334781

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334781/6	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89873.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2335	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	11	U	11	50
Bromomethane	9.0	U	9.0	50
Vinyl chloride	10	U	10	50
Chloroethane	19	U	19	50
Methylene Chloride	11	U	11	50
Acetone	54	U	54	250
Carbon disulfide	11	U	11	50
Trichlorofluoromethane	7.5	U	7.5	50
1,1-Dichloroethene	17	U	17	50
1,1-Dichloroethane	12	U	12	50
trans-1,2-Dichloroethene	9.0	U	9.0	50
cis-1,2-Dichloroethene	13	U	13	50
Chloroform	11	U	11	50
2-Butanone	110	U	110	250
1,2-Dichloroethane	13	U	13	50
1,1,1-Trichloroethane	14	U	14	50
Carbon tetrachloride	17	U	17	50
Benzene	9.5	U	9.5	50
Bromoform	9.0	U	9.0	50
Styrene	8.5	U	8.5	50
Ethylbenzene	15	U	15	50
Chlorobenzene	12	U	12	50
Cyclohexane	13	U	13	50
Isopropylbenzene	16	U	16	50
2-Hexanone	36	U	36	250
MTBE	6.5	U	6.5	50
Freon TF	17	U	17	50
Methyl acetate	29	U	29	250
1,4-Dioxane	440	U	440	1300
Trichloroethene	11	U	11	50
Toluene	13	U	13	50
trans-1,3-Dichloropropene	9.5	U	9.5	50
4-Methyl-2-pentanone	32	U	32	250
cis-1,3-Dichloropropene	8.0	U	8.0	50
1,2-Dichlorobenzene	11	U	11	50
1,3-Dichlorobenzene	17	U	17	50
1,4-Dichlorobenzene	17	U	17	50
1,2,4-Trichlorobenzene	14	U	14	50
1,2,3-Trichlorobenzene	18	U	18	50
1,2-Dichloropropane	9.0	U	9.0	50
Methylcyclohexane	11	U	11	50
Tetrachloroethene	18	U	18	50
Xylenes, Total	14	U	14	100
1,2-Dibromo-3-Chloropropane	12	U	12	50
1,1,2,2-Tetrachloroethane	9.5	U	9.5	50

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334781

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-334781/6	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89873.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2335	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	4.0	U	4.0	50
Dibromochloromethane	11	U	11	50
1,2-Dibromoethane	9.5	U	9.5	50
Dichlorodifluoromethane	7.0	U	7.0	50
Bromochloromethane	15	U	15	50
Bromodichloromethane	7.5	U	7.5	50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	69 - 145
Toluene-d8 (Surr)	101	72 - 136
Bromofluorobenzene	99	64 - 131
Dibromofluoromethane (Surr)	101	74 - 134

Method Blank TICs- Batch: 460-334781

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334781

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 460-334781/3	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89870.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2222	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	1030	103	63 - 138	
Bromomethane	1000	1000	100	66 - 145	
Vinyl chloride	1000	952	95	69 - 139	
Chloroethane	1000	956	96	68 - 144	
Methylene Chloride	1000	983	98	78 - 122	
Acetone	5000	4800	96	10 - 150	
Carbon disulfide	1000	945	94	72 - 127	
Trichlorofluoromethane	1000	841	84	72 - 140	
1,1-Dichloroethene	1000	911	91	78 - 125	
1,1-Dichloroethane	1000	964	96	78 - 123	
trans-1,2-Dichloroethene	1000	886	89	79 - 123	
cis-1,2-Dichloroethene	1000	937	94	80 - 120	
Chloroform	1000	932	93	82 - 123	
2-Butanone	5000	3930	79	40 - 150	
1,2-Dichloroethane	1000	835	84	75 - 122	
1,1,1-Trichloroethane	1000	821	82	81 - 125	
Carbon tetrachloride	1000	842	84	77 - 136	
Benzene	1000	967	97	77 - 121	
Bromoform	1000	898	90	68 - 124	
Styrene	1000	869	87	80 - 120	
Ethylbenzene	1000	865	87	80 - 120	
Chlorobenzene	1000	899	90	84 - 114	
Cyclohexane	1000	857	86	64 - 128	
Isopropylbenzene	1000	882	88	81 - 124	
2-Hexanone	5000	4720	94	44 - 136	
MTBE	1000	921	92	77 - 121	
Freon TF	1000	873	87	69 - 135	
Methyl acetate	5000	5520	110	58 - 140	
1,4-Dioxane	20000	33900	169	65 - 145	*
Trichloroethene	1000	957	96	82 - 122	
Toluene	1000	950	95	80 - 120	
trans-1,3-Dichloropropene	1000	977	98	74 - 121	
4-Methyl-2-pentanone	5000	4550	91	62 - 124	
cis-1,3-Dichloropropene	1000	984	98	78 - 120	
1,2-Dichlorobenzene	1000	860	86	80 - 120	
1,3-Dichlorobenzene	1000	857	86	80 - 120	
1,4-Dichlorobenzene	1000	868	87	80 - 120	
1,2,4-Trichlorobenzene	1000	897	90	45 - 137	
1,2,3-Trichlorobenzene	1000	820	82	35 - 143	
1,2-Dichloropropane	1000	1010	101	76 - 124	
Methylcyclohexane	1000	913	91	55 - 133	
Tetrachloroethene	1000	940	94	71 - 133	
Xylenes, Total	2000	1760	88	80 - 120	
1,2-Dibromo-3-Chloropropane	1000	776	78	37 - 130	
1,1,2,2-Tetrachloroethane	1000	922	92	59 - 130	
1,1,2-Trichloroethane	1000	1010	101	72 - 117	

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334781

Method: 8260C
Preparation: N/A

Lab Sample ID:	LCS 460-334781/3	Analysis Batch:	460-334781	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B89870.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2015 2222	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	913	91	83 - 121	
1,2-Dibromoethane	1000	922	92	76 - 117	
Dichlorodifluoromethane	1000	839	84	51 - 145	
Bromochloromethane	1000	978	98	82 - 124	
Bromodichloromethane	1000	902	90	78 - 122	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	69 - 145
Toluene-d8 (Surr)	98	72 - 136
Bromofluorobenzene	98	64 - 131

Method Blank - Batch: 460-333717

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-333717/1-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966318.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1044	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	0.41	U	0.41	10
2-Chlorophenol	0.74	U	0.74	10
2-Methylphenol	1.3	U	1.3	10
4-Methylphenol	0.87	U	0.87	10
Benzaldehyde	0.86	U	0.86	10
Acetophenone	1.0	U	1.0	10
Bis(2-chloroethyl)ether	0.12	U	0.12	1.0
2,2'-oxybis[1-chloropropane]	0.93	U	0.93	10
N-Nitrosodi-n-propylamine	0.83	U	0.83	1.0
Nitrobenzene	0.49	U	0.49	1.0
Hexachloroethane	0.090	U	0.090	1.0
Isophorone	0.67	U	0.67	10
2-Nitrophenol	0.59	U	0.59	10
2,4-Dimethylphenol	0.91	U	0.91	10
2,4-Dichlorophenol	0.63	U	0.63	10
Bis(2-chloroethoxy)methane	0.69	U	0.69	10
Naphthalene	0.80	U	0.80	10
4-Chloroaniline	0.73	U	0.73	10
Hexachlorobutadiene	0.76	U	0.76	1.0
Caprolactam	1.1	U	1.1	10
4-Chloro-3-methylphenol	0.76	U	0.76	10
2-Methylnaphthalene	0.88	U	0.88	10
Hexachlorobenzene	0.47	U	0.47	1.0
Hexachlorocyclopentadiene	0.61	U	0.61	10
2,4,6-Trichlorophenol	0.53	U	0.53	10
2,4,5-Trichlorophenol	0.49	U	0.49	10
Diphenyl	0.63	U	0.63	10
2-Chloronaphthalene	0.61	U	0.61	10
2-Nitroaniline	0.65	U	0.65	10
2,6-Dinitrotoluene	0.88	U	0.88	2.0
Dimethyl phthalate	0.98	U	0.98	10
Acenaphthylene	0.65	U	0.65	10
3-Nitroaniline	0.82	U	0.82	10
Acenaphthene	0.88	U	0.88	10
4-Nitrophenol	4.7	U	4.7	20
2,4-Dinitrophenol	2.4	U	2.4	20
Dibenzofuran	0.85	U	0.85	10
Diethyl phthalate	1.0	U	1.0	10
Fluorene	0.80	U	0.80	10
Fluoranthene	0.72	U	0.72	10
Di-n-butyl phthalate	0.82	U	0.82	10
2,4-Dinitrotoluene	1.0	U	1.0	2.0
4-Chlorophenyl phenyl ether	0.96	U	0.96	10
4-Nitroaniline	0.48	U	0.48	10
4,6-Dinitro-2-methylphenol	2.0	U	2.0	20

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-333717

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-333717/1-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966318.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1044	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	1.0	U	1.0	10
Atrazine	0.77	U	0.77	2.0
Anthracene	0.57	U	0.57	10
Carbazole	0.85	U	0.85	10
Phenanthrene	0.65	U	0.65	10
Pentachlorophenol	2.2	U	2.2	20
Pyrene	0.83	U	0.83	10
Chrysene	0.67	U	0.67	2.0
Benzo[k]fluoranthene	0.18	U	0.18	1.0
Benzo[g,h,i]perylene	0.75	U	0.75	10
Benzo[b]fluoranthene	0.44	U	0.44	1.0
Benzo[a]pyrene	0.16	U	0.16	1.0
Benzo[a]anthracene	0.55	U	0.55	1.0
N-Nitrosodiphenylamine	0.74	U	0.74	10
Butyl benzyl phthalate	0.60	U	0.60	10
Bis(2-ethylhexyl) phthalate	1.05	J	0.72	2.0
Di-n-octyl phthalate	0.69	U	0.69	10
Indeno[1,2,3-cd]pyrene	0.21	U	0.21	1.0
Dibenz(a,h)anthracene	0.090	U	0.090	1.0
3,3'-Dichlorobenzidine	1.0	U	1.0	10
1,2,4,5-Tetrachlorobenzene	0.43	U	0.43	10
2,3,4,6-Tetrachlorophenol	0.69	U	0.69	10

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	103	62 - 120
Phenol-d5	35	10 - 53
Terphenyl-d14	92	57 - 125
2,4,6-Tribromophenol	81	43 - 126
2-Fluorophenol	47	13 - 77
2-Fluorobiphenyl	65	63 - 113

Method Blank TICs- Batch: 460-333717

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Unknown	8.02	37.4	J

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/2-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966319.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1105	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-333717/3-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966320.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1126	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	34	37	14 - 50	8	30		
2-Chlorophenol	70	77	55 - 96	8	30		
2-Methylphenol	67	72	41 - 88	7	30		
4-Methylphenol	64	65	35 - 81	2	30		
Acetophenone	104	101	61 - 118	3	30		
Bis(2-chloroethyl)ether	86	81	60 - 104	5	30		
2,2'-oxybis[1-chloropropane]	116	121	48 - 107	4	30	*	*
N-Nitrosodi-n-propylamine	87	81	57 - 120	7	30		
Nitrobenzene	91	87	66 - 105	4	30		
Hexachloroethane	74	74	44 - 91	0	30		
Isophorone	100	95	61 - 107	6	30		
2-Nitrophenol	95	93	72 - 105	2	30		
2,4-Dimethylphenol	89	83	65 - 104	7	30		
2,4-Dichlorophenol	91	85	70 - 103	7	30		
Bis(2-chloroethoxy)methane	105	101	68 - 109	3	30		
Naphthalene	83	78	61 - 100	5	30		
4-Chloroaniline	96	89	61 - 106	8	30		
Hexachlorobutadiene	79	74	47 - 100	6	30		
4-Chloro-3-methylphenol	96	95	58 - 109	0	30		
2-Methylnaphthalene	87	86	62 - 104	2	30		
Hexachlorobenzene	94	97	66 - 136	4	30		
Hexachlorocyclopentadiene	77	81	42 - 115	4	30		
2,4,6-Trichlorophenol	80	82	67 - 115	3	30		
2,4,5-Trichlorophenol	78	81	66 - 111	3	30		
Diphenyl	72	75	62 - 108	4	30		
2-Chloronaphthalene	73	76	62 - 105	3	30		
2-Nitroaniline	96	103	59 - 111	7	30		
2,6-Dinitrotoluene	87	86	69 - 112	1	30		
Dimethyl phthalate	81	82	68 - 111	2	30		
Acenaphthylene	73	76	67 - 110	4	30		
3-Nitroaniline	81	88	54 - 108	9	30		
Acenaphthene	61	67	55 - 110	8	30		
4-Nitrophenol	33	38	10 - 53	13	30		
2,4-Dinitrophenol	66	69	41 - 114	5	30		
Dibenzofuran	70	75	63 - 106	7	30		
Diethyl phthalate	86	94	62 - 115	8	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/2-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966319.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1105	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-333717/3-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966320.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1126	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Fluorene	70	75	66 - 112	6	30		
Fluoranthene	100	96	65 - 125	4	30		
Di-n-butyl phthalate	100	104	66 - 127	4	30		
2,4-Dinitrotoluene	78	83	60 - 119	6	30		
4-Chlorophenyl phenyl ether	76	78	63 - 112	4	30		
4-Nitroaniline	75	85	42 - 128	12	30		
4,6-Dinitro-2-methylphenol	98	95	72 - 125	4	30		
4-Bromophenyl phenyl ether	100	99	66 - 134	1	30		
Anthracene	94	95	76 - 113	0	30		
Carbazole	89	96	69 - 118	7	30		
Phenanthrene	98	95	76 - 116	3	30		
Pentachlorophenol	69	68	58 - 125	2	30		
Pyrene	83	87	57 - 120	5	30		
Chrysene	89	92	73 - 115	4	30		
Benzo[k]fluoranthene	88	94	70 - 120	7	30		
Benzo[g,h,i]perylene	102	99	66 - 144	2	30		
Benzo[b]fluoranthene	95	94	74 - 125	1	30		
Benzo[a]pyrene	98	101	75 - 122	3	30		
Benzo[a]anthracene	87	89	75 - 116	2	30		
N-Nitrosodiphenylamine	70	71	65 - 121	1	30		
Butyl benzyl phthalate	99	100	68 - 122	1	30		
Bis(2-ethylhexyl) phthalate	96	94	68 - 131	2	30		
Di-n-octyl phthalate	104	103	58 - 126	2	30		
Indeno[1,2,3-cd]pyrene	102	118	72 - 139	14	30		
Dibenz(a,h)anthracene	101	103	72 - 142	2	30		
3,3'-Dichlorobenzidine	96	100	71 - 132	4	30		
1,2,4,5-Tetrachlorobenzene	74	78	57 - 113	5	30		
2,3,4,6-Tetrachlorophenol	86	88	61 - 118	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	101	99	62 - 120
Phenol-d5	26	30	10 - 53
Terphenyl-d14	83	88	57 - 125
2,4,6-Tribromophenol	76	82	43 - 126
2-Fluorophenol	40	45	13 - 77
2-Fluorobiphenyl	70	75	63 - 113

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/4-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966321.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1147	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-333717/5-A	Analysis Batch:	460-333958	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-333717	Lab File ID:	M966322.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1208	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	11/06/2015 1328			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzaldehyde	81	77	56 - 114	6	30		
Caprolactam	31	31	10 - 45	1	30		
Atrazine	90	86	58 - 134	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	91	102	62 - 120
Phenol-d5	36	35	10 - 53
Terphenyl-d14	94	95	57 - 125
2,4,6-Tribromophenol	75	70	43 - 126
2-Fluorophenol	46	44	13 - 77
2-Fluorobiphenyl	67	65	63 - 113

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-333717/3-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/08/2015 1105		Analysis Date:	11/08/2015 1126	
Prep Date:	11/06/2015 1328		Prep Date:	11/06/2015 1328	
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	27.4	29.7
2-Chlorophenol	80.0	80.0	56.4	61.2
2-Methylphenol	80.0	80.0	53.3	57.2
4-Methylphenol	80.0	80.0	50.9	52.1
Acetophenone	80.0	80.0	83.5	80.8
Bis(2-chloroethyl)ether	80.0	80.0	68.6	65.0
2,2'-oxybis[1-chloropropane]	80.0	80.0	92.7 *	96.5 *
N-Nitrosodi-n-propylamine	80.0	80.0	69.7	64.9
Nitrobenzene	80.0	80.0	72.9	69.9
Hexachloroethane	80.0	80.0	58.9	58.8
Isophorone	80.0	80.0	80.2	75.9
2-Nitrophenol	80.0	80.0	75.9	74.7
2,4-Dimethylphenol	80.0	80.0	71.5	66.6
2,4-Dichlorophenol	80.0	80.0	72.7	67.9
Bis(2-chloroethoxy)methane	80.0	80.0	83.7	80.9
Naphthalene	80.0	80.0	66.1	62.6
4-Chloroaniline	80.0	80.0	76.9	71.1
Hexachlorobutadiene	80.0	80.0	62.9	59.4
4-Chloro-3-methylphenol	80.0	80.0	76.5	76.4
2-Methylnaphthalene	80.0	80.0	69.6	68.5
Hexachlorobenzene	80.0	80.0	74.8	77.7
Hexachlorocyclopentadiene	80.0	80.0	61.7	64.5
2,4,6-Trichlorophenol	80.0	80.0	63.9	65.7
2,4,5-Trichlorophenol	80.0	80.0	62.6	64.6
Diphenyl	80.0	80.0	57.6	59.8
2-Chloronaphthalene	80.0	80.0	58.6	60.5
2-Nitroaniline	80.0	80.0	76.5	82.1
2,6-Dinitrotoluene	80.0	80.0	69.7	69.0
Dimethyl phthalate	80.0	80.0	64.8	65.9
Acenaphthylene	80.0	80.0	58.3	60.6
3-Nitroaniline	80.0	80.0	64.6	70.5
Acenaphthene	80.0	80.0	49.2	53.3
4-Nitrophenol	160	160	52.9	60.0
2,4-Dinitrophenol	160	160	106	111
Dibenzofuran	80.0	80.0	55.7	59.6
Diethyl phthalate	80.0	80.0	69.0	74.9
Fluorene	80.0	80.0	56.1	59.6
Fluoranthene	80.0	80.0	79.7	76.7
Di-n-butyl phthalate	80.0	80.0	79.9	83.6

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-333717/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/08/2015 1105		Analysis Date:	11/08/2015 1126
Prep Date:	11/06/2015 1328		Prep Date:	11/06/2015 1328
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
2,4-Dinitrotoluene	80.0	80.0	62.5	66.6
4-Chlorophenyl phenyl ether	80.0	80.0	60.5	62.8
4-Nitroaniline	80.0	80.0	60.1	67.8
4,6-Dinitro-2-methylphenol	160	160	157	152
4-Bromophenyl phenyl ether	80.0	80.0	79.9	79.5
Anthracene	80.0	80.0	75.5	75.8
Carbazole	80.0	80.0	71.3	76.8
Phenanthrene	80.0	80.0	78.4	76.1
Pentachlorophenol	160	160	110	108
Pyrene	80.0	80.0	66.2	69.6
Chrysene	80.0	80.0	71.3	73.9
Benzo[k]fluoranthene	80.0	80.0	70.3	75.3
Benzo[g,h,i]perylene	80.0	80.0	81.3	79.5
Benzo[b]fluoranthene	80.0	80.0	75.7	75.0
Benzo[a]pyrene	80.0	80.0	78.5	80.9
Benzo[a]anthracene	80.0	80.0	69.8	71.3
N-Nitrosodiphenylamine	160	160	112	113
Butyl benzyl phthalate	80.0	80.0	79.3	79.8
Bis(2-ethylhexyl) phthalate	80.0	80.0	76.4	74.8
Di-n-octyl phthalate	80.0	80.0	83.5	82.2
Indeno[1,2,3-cd]pyrene	80.0	80.0	81.7	94.4
Dibenz(a,h)anthracene	80.0	80.0	81.1	82.7
3,3'-Dichlorobenzidine	80.0	80.0	76.5	80.0
1,2,4,5-Tetrachlorobenzene	80.0	80.0	58.9	62.2
2,3,4,6-Tetrachlorophenol	80.0	80.0	68.6	70.2

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333717

Method: 8270D
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333717/4-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-333717/5-A	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	11/08/2015 1147		Analysis Date:	11/08/2015 1208	
Prep Date:	11/06/2015 1328		Prep Date:	11/06/2015 1328	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzaldehyde	160	160	130	123
Caprolactam	160	160	49.0	49.3
Atrazine	160	160	144	138

Method Blank - Batch: 460-334135

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-334135/1-A	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	L127848.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 0541	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	11	U	11	330
2-Chlorophenol	8.4	U	8.4	330
2-Methylphenol	14	U	14	330
4-Methylphenol	9.0	U	9.0	330
Benzaldehyde	25	U	25	330
Acetophenone	7.2	U	7.2	330
Bis(2-chloroethyl)ether	7.8	U	7.8	33
2,2'-oxybis[1-chloropropane]	14	U	14	330
N-Nitrosodi-n-propylamine	11	U	11	33
Nitrobenzene	10	U	10	33
Hexachloroethane	12	U	12	33
Isophorone	7.1	U	7.1	130
2-Nitrophenol	11	U	11	330
2,4-Dimethylphenol	73	U	73	330
2,4-Dichlorophenol	7.8	U	7.8	130
Bis(2-chloroethoxy)methane	10	U	10	330
Naphthalene	8.4	U	8.4	330
4-Chloroaniline	8.5	U	8.5	330
Hexachlorobutadiene	9.3	U	9.3	67
Caprolactam	24	U	24	330
4-Chloro-3-methylphenol	14	U	14	330
2-Methylnaphthalene	7.3	U	7.3	330
Hexachlorobenzene	13	U	13	33
Hexachlorocyclopentadiene	21	U	21	330
2,4,6-Trichlorophenol	9.4	U	9.4	130
2,4,5-Trichlorophenol	33	U	33	330
Diphenyl	28	U	28	330
2-Chloronaphthalene	7.5	U	7.5	330
2-Nitroaniline	11	U	11	330
2,6-Dinitrotoluene	18	U	18	67
Dimethyl phthalate	9.6	U	9.6	330
Acenaphthylene	8.5	U	8.5	330
3-Nitroaniline	9.8	U	9.8	330
Acenaphthene	8.0	U	8.0	330
4-Nitrophenol	160	U	160	670
2,4-Dinitrophenol	250	U	250	270
Dibenzofuran	10	U	10	330
Diethyl phthalate	9.4	U	9.4	330
Fluorene	7.2	U	7.2	330
Fluoranthene	9.8	U	9.8	330
Di-n-butyl phthalate	9.9	U	9.9	330
2,4-Dinitrotoluene	13	U	13	67
4-Chlorophenyl phenyl ether	9.9	U	9.9	330
4-Nitroaniline	13	U	13	330
4,6-Dinitro-2-methylphenol	88	U	88	270

Method Blank - Batch: 460-334135

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-334135/1-A	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	L127848.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 0541	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	10	U	10	330
Atrazine	15	U	15	130
Anthracene	31	U	31	330
Carbazole	8.2	U	8.2	330
Phenanthrene	8.8	U	8.8	330
Pentachlorophenol	40	U	40	270
Pyrene	15	U	15	330
Chrysene	9.0	U	9.0	330
Benzo[k]fluoranthene	14	U	14	33
Benzo[g,h,i]perylene	19	U	19	330
Benzo[b]fluoranthene	13	U	13	33
Benzo[a]pyrene	10	U	10	33
Benzo[a]anthracene	28	U	28	33
N-Nitrosodiphenylamine	30	U	30	330
Butyl benzyl phthalate	10	U	10	330
Bis(2-ethylhexyl) phthalate	13	U	13	330
Di-n-octyl phthalate	17	U	17	330
Indeno[1,2,3-cd]pyrene	22	U	22	33
Dibenz(a,h)anthracene	17	U	17	33
3,3'-Dichlorobenzidine	37	U	37	130
1,2,4,5-Tetrachlorobenzene	25	U	25	330
2,3,4,6-Tetrachlorophenol	31	U	31	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	74	28 - 92
Phenol-d5	78	22 - 88
Terphenyl-d14	102	16 - 114
2,4,6-Tribromophenol	59	10 - 95
2-Fluorophenol	77	21 - 84
2-Fluorobiphenyl	65	27 - 84

Method Blank TICs- Batch: 460-334135

Cas Number	Analyte	RT	Est. Result (ug/	Qual
	Aldol condensation product	2.73	2340	J A

Lab Control Sample - Batch: 460-334135

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334135/2-A	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	L127846.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 0449	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	3330	2890	87	55 - 99	
2-Chlorophenol	3330	2710	81	58 - 95	
2-Methylphenol	3330	2720	82	56 - 99	
4-Methylphenol	3330	2540	76	53 - 103	
Acetophenone	3330	2750	82	56 - 107	
Bis(2-chloroethyl)ether	3330	2950	88	58 - 102	
2,2'-oxybis[1-chloropropane]	3330	2130	64	42 - 119	
N-Nitrosodi-n-propylamine	3330	2850	86	56 - 112	
Nitrobenzene	3330	2650	79	59 - 102	
Hexachloroethane	3330	2700	81	60 - 94	
Isophorone	3330	3030	91	60 - 102	
2-Nitrophenol	3330	2820	85	63 - 103	
2,4-Dimethylphenol	3330	2620	79	60 - 98	
2,4-Dichlorophenol	3330	2600	78	59 - 99	
Bis(2-chloroethoxy)methane	3330	2940	88	61 - 102	
Naphthalene	3330	2730	82	64 - 99	
4-Chloroaniline	3330	1650	49	10 - 82	
Hexachlorobutadiene	3330	2650	80	60 - 105	
4-Chloro-3-methylphenol	3330	2710	81	58 - 108	
2-Methylnaphthalene	3330	2660	80	64 - 102	
Hexachlorobenzene	3330	2920	88	65 - 117	
Hexachlorocyclopentadiene	3330	2310	69	37 - 119	
2,4,6-Trichlorophenol	3330	2520	76	61 - 107	
2,4,5-Trichlorophenol	3330	2410	72	59 - 105	
Diphenyl	3330	2450	74	64 - 103	
2-Chloronaphthalene	3330	2530	76	63 - 102	
2-Nitroaniline	3330	2080	62	46 - 113	
2,6-Dinitrotoluene	3330	2590	78	63 - 112	
Dimethyl phthalate	3330	2500	75	64 - 108	
Acenaphthylene	3330	2600	78	63 - 102	
3-Nitroaniline	3330	1670	50	23 - 89	
Acenaphthene	3330	2170	65	59 - 102	
4-Nitrophenol	6670	4660	70	45 - 125	
2,4-Dinitrophenol	6670	4840	73	26 - 137	
Dibenzofuran	3330	2460	74	62 - 102	
Diethyl phthalate	3330	2450	74	61 - 110	
Fluorene	3330	2350	70	65 - 108	
Fluoranthene	3330	2600	78	59 - 109	
Di-n-butyl phthalate	3330	2790	84	62 - 114	
2,4-Dinitrotoluene	3330	2450	73	61 - 118	
4-Chlorophenyl phenyl ether	3330	2460	74	63 - 107	
4-Nitroaniline	3330	2220	67	44 - 109	
4,6-Dinitro-2-methylphenol	6670	5630	85	51 - 124	
4-Bromophenyl phenyl ether	3330	2960	89	65 - 114	
Anthracene	3330	2790	84	66 - 105	
Carbazole	3330	2790	84	62 - 107	

Lab Control Sample - Batch: 460-334135

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334135/2-A	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	L127846.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 0449	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenanthrene	3330	2800	84	66 - 105	
Pentachlorophenol	6670	4830	73	47 - 115	
Pyrene	3330	3220	97	55 - 126	
Chrysene	3330	3060	92	64 - 105	
Benzo[k]fluoranthene	3330	3350	100	65 - 114	
Benzo[g,h,i]perylene	3330	2530	76	49 - 124	
Benzo[b]fluoranthene	3330	3110	93	67 - 116	
Benzo[a]pyrene	3330	3120	94	68 - 111	
Benzo[a]anthracene	3330	2910	87	65 - 106	
N-Nitrosodiphenylamine	6670	5660	85	71 - 119	
Butyl benzyl phthalate	3330	3150	94	62 - 123	
Bis(2-ethylhexyl) phthalate	3330	3070	92	60 - 125	
Di-n-octyl phthalate	3330	3480	105	52 - 137	
Indeno[1,2,3-cd]pyrene	3330	3130	94	50 - 134	
Dibenz(a,h)anthracene	3330	2630	79	54 - 126	
3,3'-Dichlorobenzidine	3330	1310	39	18 - 92	
1,2,4,5-Tetrachlorobenzene	3330	2510	75	62 - 109	
2,3,4,6-Tetrachlorophenol	3330	2400	72	57 - 113	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	81	28 - 92
Phenol-d5	80	22 - 88
Terphenyl-d14	96	16 - 114
2,4,6-Tribromophenol	66	10 - 95
2-Fluorophenol	81	21 - 84
2-Fluorobiphenyl	72	27 - 84

Lab Control Sample - Batch: 460-334135

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-334135/3-A	Analysis Batch:	460-334254	Instrument ID:	CBNAMS12
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	L127847.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 0515	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	6670	5490	82	55 - 116	
Caprolactam	6670	7170	108	44 - 129	
Atrazine	6670	6040	91	41 - 116	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	79	28 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Surrogate	% Rec		Acceptance Limits
Phenol-d5	82		22 - 88
Terphenyl-d14	115	X	16 - 114
2,4,6-Tribromophenol	67		10 - 95
2-Fluorophenol	83		21 - 84
2-Fluorobiphenyl	72		27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334135

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38464.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	11/10/2015 1227			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38465.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0141 g
Analysis Date:	11/10/2015 1251			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	53	58	55 - 99	9	30	F1	
2-Chlorophenol	55	60	58 - 95	8	30	F1	
2-Methylphenol	56	60	56 - 99	7	30		
4-Methylphenol	54	59	53 - 103	9	30		
Benzaldehyde	47	55	55 - 116	16	30	F1	
Acetophenone	58	65	56 - 107	10	30		
Bis(2-chloroethyl)ether	54	61	58 - 102	12	30	F1	
2,2'-oxybis[1-chloropropane]	59	64	42 - 119	9	30		
N-Nitrosodi-n-propylamine	60	65	56 - 112	8	30		
Nitrobenzene	54	57	59 - 102	6	30	F1	F1
Hexachloroethane	49	54	60 - 94	10	30	F1	F1
Isophorone	64	71	60 - 102	10	30		
2-Nitrophenol	54	58	63 - 103	6	30	F1	F1
2,4-Dimethylphenol	59	63	60 - 98	7	30	F1	
2,4-Dichlorophenol	55	58	59 - 99	5	30	F1	F1
Bis(2-chloroethoxy)methane	61	65	61 - 102	7	30		
Naphthalene	57	62	64 - 99	8	30	F1	F1
4-Chloroaniline	22	20	10 - 82	11	30	J	J
Hexachlorobutadiene	56	59	60 - 105	5	30	F1	F1
Caprolactam	41	55	44 - 129	30	30	F1	
4-Chloro-3-methylphenol	55	61	58 - 108	11	30	F1	
2-Methylnaphthalene	54	58	64 - 102	6	30	F1	F1
Hexachlorobenzene	57	60	65 - 117	5	30	F1	F1
Hexachlorocyclopentadiene	15	16	37 - 119	9	30	J F1	J F1
2,4,6-Trichlorophenol	57	59	61 - 107	3	30	F1	F1
2,4,5-Trichlorophenol	57	57	59 - 105	1	30	F1	F1
Diphenyl	65	70	64 - 103	7	30		
2-Chloronaphthalene	54	59	63 - 102	9	30	F1	F1
2-Nitroaniline	71	81	46 - 113	12	30		
2,6-Dinitrotoluene	76	82	63 - 112	8	30		
Dimethyl phthalate	72	76	64 - 108	5	30		
Acenaphthylene	65	67	63 - 102	4	30		
3-Nitroaniline	68	76	23 - 89	12	30		

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334135

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38464.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	11/10/2015 1227			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38465.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0141 g
Analysis Date:	11/10/2015 1251			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	61	64	59 - 102	6	30		
4-Nitrophenol	50	60	45 - 125	19	30	J	
2,4-Dinitrophenol	27	19	26 - 137	32	30		J F1 F2
Dibenzofuran	59	61	62 - 102	4	30	F1	F1
Diethyl phthalate	69	73	61 - 110	5	30		
Fluorene	60	61	65 - 108	3	30	F1	F1
Fluoranthene	56	59	59 - 109	6	30	F1	
Di-n-butyl phthalate	66	72	62 - 114	8	30		
2,4-Dinitrotoluene	75	78	61 - 118	5	30		
4-Chlorophenyl phenyl ether	57	60	63 - 107	5	30	F1	F1
4-Nitroaniline	59	67	44 - 109	12	30		
4,6-Dinitro-2-methylphenol	30	29	51 - 124	4	30	F1	F1
4-Bromophenyl phenyl ether	57	64	65 - 114	12	30	F1	F1
Atrazine	71	82	41 - 116	14	30		
Anthracene	58	63	66 - 105	7	30	F1	F1
Carbazole	63	66	62 - 107	4	30		
Phenanthrene	59	62	66 - 105	4	30	F1	F1
Pentachlorophenol	26	30	47 - 115	12	30	F1	F1
Pyrene	57	60	55 - 126	5	30		
Chrysene	62	65	64 - 105	5	30	F1	
Benzo[k]fluoranthene	55	57	65 - 114	3	30	F1	F1
Benzo[g,h,i]perylene	93	101	49 - 124	7	30		
Benzo[b]fluoranthene	52	55	67 - 116	5	30	F1	F1
Benzo[a]pyrene	58	61	68 - 111	6	30	F1	F1
Benzo[a]anthracene	58	61	65 - 106	4	30	F1	F1
N-Nitrosodiphenylamine	97	104	71 - 119	7	30		
Butyl benzyl phthalate	67	71	62 - 123	6	30		
Bis(2-ethylhexyl) phthalate	61	64	60 - 125	4	30		
Di-n-octyl phthalate	47	51	52 - 137	7	30	J F1	F1
Indeno[1,2,3-cd]pyrene	93	92	50 - 134	0	30		
Dibenz(a,h)anthracene	86	90	54 - 126	5	30		
3,3'-Dichlorobenzidine	36	34	18 - 92	4	30		
1,2,4,5-Tetrachlorobenzene	59	63	62 - 109	6	30	F1	

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334135

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38464.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	11/10/2015 1227			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104096-35	Analysis Batch:	460-334252	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-334135	Lab File ID:	z38465.D
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0141 g
Analysis Date:	11/10/2015 1251			Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 1343			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	37	38	57 - 113	3	30	J F1	J F1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5	58	63	28 - 92
Phenol-d5	54	59	22 - 88
Terphenyl-d14	58	62	16 - 114
2,4,6-Tribromophenol	44	46	10 - 95
2-Fluorophenol	54	60	21 - 84
2-Fluorobiphenyl	61	64	27 - 84

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334135

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104096-35	Units: ug/Kg	MSD Lab Sample ID:	460-104096-35	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	5.0		Dilution:	5.0	
Analysis Date:	11/10/2015 1227		Analysis Date:	11/10/2015 1251	
Prep Date:	11/09/2015 1343		Prep Date:	11/09/2015 1343	
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	57	U	3500	3490	1860	F1	2030	
2-Chlorophenol	44	U	3500	3490	1930	F1	2080	
2-Methylphenol	75	U	3500	3490	1970		2110	
4-Methylphenol	47	U	3500	3490	1880		2060	
Benzaldehyde	130	U	6990	6980	3260	F1	3820	
Acetophenone	38	U	3500	3490	2040		2250	
Bis(2-chloroethyl)ether	41	U	3500	3490	1880	F1	2120	
2,2'-oxybis[1-chloropropane]	71	U	3500	3490	2050		2230	
N-Nitrosodi-n-propylamine	58	U	3500	3490	2090		2260	
Nitrobenzene	54	U	3500	3490	1870	F1	1980	F1
Hexachloroethane	63	U	3500	3490	1700	F1	1880	F1
Isophorone	37	U	3500	3490	2230		2460	
2-Nitrophenol	58	U	3500	3490	1900	F1	2010	F1
2,4-Dimethylphenol	380	U	3500	3490	2050	F1	2200	
2,4-Dichlorophenol	41	U	3500	3490	1920	F1	2020	F1
Bis(2-chloroethoxy)methane	54	U	3500	3490	2130		2280	
Naphthalene	44	U	3500	3490	2000	F1	2170	F1
4-Chloroaniline	44	U	3500	3490	767	J	687	J
Hexachlorobutadiene	49	U	3500	3490	1940	F1	2050	F1
Caprolactam	120	U	6990	6980	2860	F1	3860	
4-Chloro-3-methylphenol	74	U	3500	3490	1930	F1	2140	
2-Methylnaphthalene	270	J	3500	3490	2170	F1	2310	F1
Hexachlorobenzene	70	U	3500	3490	1980	F1	2090	F1
Hexachlorocyclopentadiene	110	U	3500	3490	514	J F1	563	J F1
2,4,6-Trichlorophenol	49	U	3500	3490	2010	F1	2060	F1
2,4,5-Trichlorophenol	170	U	3500	3490	1980	F1	2000	F1
Diphenyl	150	U	3500	3490	2280		2430	
2-Chloronaphthalene	39	U	3500	3490	1880	F1	2050	F1
2-Nitroaniline	57	U	3500	3490	2490		2820	
2,6-Dinitrotoluene	92	U	3500	3490	2650		2880	
Dimethyl phthalate	50	U	3500	3490	2520		2650	
Acenaphthylene	44	U	3500	3490	2260		2360	
3-Nitroaniline	51	U	3500	3490	2360		2670	
Acenaphthene	42	U	3500	3490	2120		2250	
4-Nitrophenol	830	U	6990	6980	3490	J	4220	
2,4-Dinitrophenol	1300	U	6990	6980	1860		1340	J F1 F
Dibenzofuran	52	U	3500	3490	2060	F1	2130	F1
Diethyl phthalate	49	U	3500	3490	2420		2550	
Fluorene	38	U	3500	3490	2080	F1	2140	F1
Fluoranthene	51	U	3500	3490	1950	F1	2080	
Di-n-butyl phthalate	52	U	3500	3490	2320		2510	
2,4-Dinitrotoluene	69	U	3500	3490	2610		2730	
4-Chlorophenyl phenyl ether	52	U	3500	3490	1980	F1	2080	F1

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334135

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-104096-35	Units: ug/Kg	MSD Lab Sample ID:	460-104096-35	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	5.0		Dilution:	5.0	
Analysis Date:	11/10/2015 1227		Analysis Date:	11/10/2015 1251	
Prep Date:	11/09/2015 1343		Prep Date:	11/09/2015 1343	
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	65	U	3500	3490	2060		2330	
4,6-Dinitro-2-methylphenol	460	U	6990	6980	2100	F1	2010	F1
4-Bromophenyl phenyl ether	54	U	3500	3490	1990	F1	2250	F1
Atrazine	77	U	6990	6980	4940		5700	
Anthracene	160	U	3500	3490	2040	F1	2190	F1
Carbazole	43	U	3500	3490	2200		2290	
Phenanthrene	200	J	3500	3490	2270	F1	2360	F1
Pentachlorophenol	210	U	6990	6980	1840	F1	2060	F1
Pyrene	78	U	3500	3490	2000		2100	
Chrysene	47	U	3500	3490	2180	F1	2290	
Benzo[k]fluoranthene	75	U	3500	3490	1940	F1	1990	F1
Benzo[g,h,i]perylene	99	U	3500	3490	3260		3510	
Benzo[b]fluoranthene	67	U	3500	3490	1820	F1	1920	F1
Benzo[a]pyrene	52	U	3500	3490	2030	F1	2150	F1
Benzo[a]anthracene	140	U	3500	3490	2040	F1	2120	F1
N-Nitrosodiphenylamine	160	U	6990	6980	6760		7260	
Butyl benzyl phthalate	53	U	3500	3490	2340		2470	
Bis(2-ethylhexyl) phthalate	67	U	3500	3490	2140		2230	
Di-n-octyl phthalate	88	U	3500	3490	1650	J F1	1770	F1
Indeno[1,2,3-cd]pyrene	120	U	3500	3490	3240		3230	
Dibenz(a,h)anthracene	90	U	3500	3490	3010		3150	
3,3'-Dichlorobenzidine	190	U	3500	3490	1240		1190	
1,2,4,5-Tetrachlorobenzene	130	U	3500	3490	2060	F1	2190	
2,3,4,6-Tetrachlorophenol	160	U	3500	3490	1290	J F1	1320	J F1

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-333841

Method: 8082A
Preparation: 3510C

Lab Sample ID:	MB 460-333841/1-A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-333841	Lab File ID:	8F008206.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1642	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/07/2015 0716			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.098	U	0.098	0.40
Aroclor 1221	0.098	U	0.098	0.40
Aroclor 1232	0.098	U	0.098	0.40
Aroclor 1242	0.098	U	0.098	0.40
Aroclor 1248	0.098	U	0.098	0.40
Aroclor 1254	0.084	U	0.084	0.40
Aroclor 1260	0.084	U	0.084	0.40
Aroclor 1262	0.084	U	0.084	0.40
Aroclor 1268	0.084	U	0.084	0.40

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	10 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333841

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333841/2-A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-333841	Lab File ID:	8F008207.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1700	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/07/2015 0716			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-333841/3-A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-333841	Lab File ID:	8F008208.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1717	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/07/2015 0716			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	90	101	74 - 150	12	30		
Aroclor 1260	96	106	65 - 150	10	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	88	10 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-333841

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333841/2-A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-333841	Lab File ID:	8F008207.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1700	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/07/2015 0716			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-333841/3-A	Analysis Batch:	460-333978	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-333841	Lab File ID:	8F008208.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/08/2015 1717	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	11/07/2015 0716			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	88	94	74 - 150	7	30		
Aroclor 1260	85	95	65 - 150	11	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	78	10 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333841

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333841/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-333841/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/08/2015 1700		Analysis Date:	11/08/2015 1717
Prep Date:	11/07/2015 0716		Prep Date:	11/07/2015 0716
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	4.00	4.00	3.59	4.04
Aroclor 1260	4.00	4.00	3.84	4.24

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-333841

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-333841/2-A	Units: ug/L	LCSD Lab Sample ID:	LCSD 460-333841/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/08/2015 1700		Analysis Date:	11/08/2015 1717
Prep Date:	11/07/2015 0716		Prep Date:	11/07/2015 0716
Leach Date:	N/A		Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aroclor 1016	4.00	4.00	3.52	3.77
Aroclor 1260	4.00	4.00	3.40	3.81

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334079

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-334079/1-A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/09/2015 2230	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	8.9	U	8.9	67
Aroclor 1221	8.9	U	8.9	67
Aroclor 1232	8.9	U	8.9	67
Aroclor 1242	8.9	U	8.9	67
Aroclor 1248	8.9	U	8.9	67
Aroclor 1254	9.2	U	9.2	67
Aroclor 1260	9.2	U	9.2	67
Aroclor 1262	9.2	U	9.2	67
Aroclor 1268	9.2	U	9.2	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	128	47 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	122	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334079

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334079/2-A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/09/2015 2246	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	356	107	70 - 149	
Aroclor 1260	333	398	119	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	47 - 150

Lab Control Sample - Batch: 460-334079

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334079/2-A	Analysis Batch:	460-334219	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/09/2015 2246	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	307	92	70 - 149	
Aroclor 1260	333	333	100	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334079

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103656-F-10-C MS	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0382 g
Analysis Date:	11/10/2015 1141			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-103656-F-10-D MSD	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504394.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0125 g
Analysis Date:	11/10/2015 1157			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			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	79	73	70 - 149	7	30		
Aroclor 1260	80	75	71 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	77	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334079

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103656-F-10-C MS	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504393.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0382 g
Analysis Date:	11/10/2015 1141			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-103656-F-10-D MSD	Analysis Batch:	460-334363	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334079	Lab File ID:	VR504394.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0125 g
Analysis Date:	11/10/2015 1157			Final Weight/Volume:	10 mL
Prep Date:	11/09/2015 1028			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	75	71	70 - 149	6	30		
Aroclor 1260	77	71	71 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	72	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334079

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103656-F-10-C MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/10/2015 1141		
Prep Date:	11/09/2015 1028		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103656-F-10-D MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/10/2015 1157
Prep Date:	11/09/2015 1028
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.7	U	364	365	286	265
Aroclor 1260	10	U	364	365	291	272

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334079

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103656-F-10-C MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/10/2015 1141		
Prep Date:	11/09/2015 1028		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103656-F-10-D MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/10/2015 1157
Prep Date:	11/09/2015 1028
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.7	U	364	365	273	257
Aroclor 1260	10	U	364	365	281	261

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334269

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-334269/1-A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008331.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0118	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	8.9	U	8.9	67
Aroclor 1221	8.9	U	8.9	67
Aroclor 1232	8.9	U	8.9	67
Aroclor 1242	8.9	U	8.9	67
Aroclor 1248	8.9	U	8.9	67
Aroclor 1254	9.2	U	9.2	67
Aroclor 1260	9.2	U	9.2	67
Aroclor 1262	9.2	U	9.2	67
Aroclor 1268	9.2	U	9.2	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	115	47 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334269

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334269/2-A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008332.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0133	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	283	85	70 - 149	
Aroclor 1260	333	263	79	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	47 - 150

Lab Control Sample - Batch: 460-334269

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-334269/2-A	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008332.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/11/2015 0133	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	278	83	70 - 149	
Aroclor 1260	333	260	78	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334269

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104096-1	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008333.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.0051 g
Analysis Date:	11/11/2015 0149			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-104096-1	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008334.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.0034 g
Analysis Date:	11/11/2015 0205			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			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	1057	1296	70 - 149	20	30	F1 p	F1
Aroclor 1260	-139	-173	71 - 150	12	30	p 4	p 4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	131	D	126	D	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334269

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104096-1	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008333.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.0051 g
Analysis Date:	11/11/2015 0149			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-104096-1	Analysis Batch:	460-334446	Instrument ID:	CPESTGC8
Client Matrix:	Solid	Prep Batch:	460-334269	Lab File ID:	8F008334.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	15.0034 g
Analysis Date:	11/11/2015 0205			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0454			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	1904	962	70 - 149	66	30	F1	F1 F2
Aroclor 1260	160	158	71 - 150	0	30	F1	F1

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	122	D	113	D	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334269

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104096-1	Units:	ug/Kg	MSD Lab Sample ID:	460-104096-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	11/11/2015 0149			Analysis Date:	11/11/2015 0205
Prep Date:	11/10/2015 0454			Prep Date:	11/10/2015 0454
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	93	U	349	349	3690	F1 p	4520	F1
Aroclor 1260	1500		349	349	1050	p 4	929	p 4

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334269

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-104096-1	Units:	ug/Kg	MSD Lab Sample ID:	460-104096-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	11/11/2015 0149			Analysis Date:	11/11/2015 0205
Prep Date:	11/10/2015 0454			Prep Date:	11/10/2015 0454
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	93	U	349	349	6650	F1	3360	F1 F2
Aroclor 1260	1000		349	349	1590	F1	1580	F1

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334271

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-334271/1-A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504412.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 1734	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	8.9	U	8.9	67
Aroclor 1221	8.9	U	8.9	67
Aroclor 1232	8.9	U	8.9	67
Aroclor 1242	8.9	U	8.9	67
Aroclor 1248	8.9	U	8.9	67
Aroclor 1254	9.2	U	9.2	67
Aroclor 1260	9.2	U	9.2	67
Aroclor 1262	9.2	U	9.2	67
Aroclor 1268	9.2	U	9.2	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	124	47 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	105	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Control Sample - Batch: 460-334271 **Method: 8082A**
Preparation: 3546

Lab Sample ID:	LCS 460-334271/2-A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504413.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 1749	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	306	92	70 - 149	
Aroclor 1260	333	327	98	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	108	47 - 150

Lab Control Sample - Batch: 460-334271 **Method: 8082A**
Preparation: 3546

Lab Sample ID:	LCS 460-334271/2-A	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504413.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 1749	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	275	82	70 - 149	
Aroclor 1260	333	277	83	71 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	97	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334271

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103944-A-9-I MS	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504414.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0014 g
Analysis Date:	11/10/2015 1805			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-103944-A-9-J MSD	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504415.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0013 g
Analysis Date:	11/10/2015 1821			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			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	121	112	70 - 149	7	30		
Aroclor 1260	89	91	71 - 150	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	104	47 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334271

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103944-A-9-I MS	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504414.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0014 g
Analysis Date:	11/10/2015 1805			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-103944-A-9-J MSD	Analysis Batch:	460-334464	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-334271	Lab File ID:	VR504415.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0013 g
Analysis Date:	11/10/2015 1821			Final Weight/Volume:	10 mL
Prep Date:	11/10/2015 0501			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	107	97	70 - 149	10	30		
Aroclor 1260	82	79	71 - 150	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	89	47 - 150

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334271

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103944-A-9-I MS	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/10/2015 1805		
Prep Date:	11/10/2015 0501		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103944-A-9-J MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/10/2015 1821
Prep Date:	11/10/2015 0501
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.8	U	369	369	445	415
Aroclor 1260	10	U	369	369	329	336

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334271

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-103944-A-9-I MS	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/10/2015 1805		
Prep Date:	11/10/2015 0501		
Leach Date:	N/A		

MSD Lab Sample ID:	460-103944-A-9-J MSD
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/10/2015 1821
Prep Date:	11/10/2015 0501
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	9.8	U	369	369	395	359
Aroclor 1260	10	U	369	369	301	291

Method Blank - Batch: 460-334220

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-334220/1-A	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334220	Lab File ID:	GC2F7932.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 1041	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			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	69	23 - 104
Chlorobenzene	70	22 - 92

Lab Control Sample - Batch: 460-334220

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-334220/2-A	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334220	Lab File ID:	GC2F7933.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/10/2015 1053	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	146	110	48 - 131	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	55	23 - 104
Chlorobenzene	55	22 - 92

Client: Antea USA, Inc. Job Number: 460-104096-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334220

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-104096-11DL	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334220	Lab File ID:	GC2F7960.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.0210 g
Analysis Date:	11/10/2015 1653	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-104096-11DL	Analysis Batch:	460-334329	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-334220	Lab File ID:	GC2F7961.D
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	15.0208 g
Analysis Date:	11/10/2015 1705	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	11/09/2015 2200			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)	-222	100	48 - 131	31	40	4	4

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
o-Terphenyl	1236	X	1642	X	23 - 104
Chlorobenzene	60		72		22 - 92

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-334220

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-104096-11DL	Units:	mg/Kg	MSD Lab Sample ID:	460-104096-11DL
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	20			Dilution:	20
Analysis Date:	11/10/2015 1653			Analysis Date:	11/10/2015 1705
Prep Date:	11/09/2015 2200			Prep Date:	11/09/2015 2200
Leach Date:	N/A			Leach Date:	N/A
Run Type:	DL			Run Type:	DL

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Total Petroleum Hydrocarbons (C8-C40)	1800	160	160	1430	4	1940	4

Client: Antea USA, Inc. Job Number: 460-104096-1

Method Blank - Batch: 460-334649

Method: NJ-OQA-QAM-025
Preparation: 3510C

Lab Sample ID:	MB 460-334649/1-A	Analysis Batch:	460-334647	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334649	Lab File ID:	GC2F7992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10000 mL
Analysis Date:	11/11/2015 1149	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 0954			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Petroleum Hydrocarbons (C8-C40)	0.0082	U	0.0082	0.0082

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	77	28 - 121
Chlorobenzene	74	26 - 98

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-334649

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334649/2-A	Analysis Batch:	460-334647	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334649	Lab File ID:	GC2F7993.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10000 mL
Analysis Date:	11/11/2015 1201	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 0954			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-334649/3-A	Analysis Batch:	460-334647	Instrument ID:	CBNAGC2
Client Matrix:	Water	Prep Batch:	460-334649	Lab File ID:	GC2F7994.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10000 mL
Analysis Date:	11/11/2015 1213	Units:	mg/L	Final Weight/Volume:	1 mL
Prep Date:	11/11/2015 0954			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)	95	74	44 - 134	25	50		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	99	76	28 - 121
Chlorobenzene	89	73	26 - 98

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-334649

Method: NJ-OQA-QAM-025
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-334649/2-A	Units: mg/L	LCSD Lab Sample ID:	LCSD 460-334649/3-A
Client Matrix:	Water		Client Matrix:	Water
Dilution:	1.0		Dilution:	1.0
Analysis Date:	11/11/2015 1201		Analysis Date:	11/11/2015 1213
Prep Date:	11/11/2015 0954		Prep Date:	11/11/2015 0954
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)	0.200	0.200	0.191	0.148

Client: Antea USA, Inc. Job Number: 460-104096-1

Duplicate - Batch: 460-334512

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-104050-D-2 DU	Analysis Batch:	460-334512	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:	11/10/2015 2107	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	18.3	12.6	37	20	F3
Percent Solids	81.7	87.4	7	20	

Client: Antea USA, Inc. Job Number: 460-104096-1

Duplicate - Batch: 460-334521

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-103992-B-1 DU	Analysis Batch:	460-334521	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:	11/10/2015 2153	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	16.1	15.6	3	20	
Percent Solids	83.9	84.4	0.6	20	

Client: Antea USA, Inc. Job Number: 460-104096-1

Duplicate - Batch: 460-334525

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-104096-23	Analysis Batch:	460-334525	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:	11/10/2015 2219	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	3.7	3.4	8	20	
Percent Solids	96.3	96.6	0.3	20	

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Indicates an Estimated Value for TICs
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	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.
	*	LCS or LCSD is outside acceptance limits.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-104096-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery is outside acceptance limits.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
General Chemistry		
	F3	Duplicate RPD exceeds the control limit

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-333307					
460-103960-A-7-A MS	Matrix Spike	T	Solid	5035	
460-103960-A-7-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-333721					
460-104096-24	PMP-7-NW2-12.75	T	Solid	5035	
460-104096-29	PRA-25 E-1.75	T	Solid	5035	
460-104096-30	PRA-25 E-3.75	T	Solid	5035	
460-104096-31	PRA-25 EE-1.75	T	Solid	5035	
460-104096-32	PRA-25 EE-3.75	T	Solid	5035	
460-104096-33	PRA-6 SE-1.75	T	Solid	5035	
460-104096-34	PRA-5 SE-3.75	T	Solid	5035	
460-104096-35	PRA-2 NW-3.75	T	Solid	5035	
460-104096-38TB	Trip Blank	T	Solid	5035	
Prep Batch: 460-333728					
460-104096-7	PMP-24-NW2-3.75	T	Solid	5035	
460-104096-8	PMP-24-NW2-DV	T	Solid	5035	
460-104096-9	PMP-24-NW2-WT	T	Solid	5035	
460-104096-10	PMP-24-NW2-S	T	Solid	5035	
460-104096-11	PMP-24-NW2-12.75	T	Solid	5035	
460-104096-13	PMP-5-NW2-WT	T	Solid	5035	
460-104096-14	PMP-5-NW2-S	T	Solid	5035	
460-104096-15	PMP-5-NW2-12.75	T	Solid	5035	
460-104096-20	PMP-7-NW2-DV	T	Solid	5035	
460-104096-21	PMP-7-NW2-5.25	T	Solid	5035	
460-104096-22	PMP-7-NW2-WT	T	Solid	5035	
460-104096-23	PMP-7-NW2-S	T	Solid	5035	
460-104096-26	PMP-9-NW2-WT	T	Solid	5035	
Analysis Batch:460-333935					
LCS 460-333935/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-333935/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-333935/7	Method Blank	T	Solid	8260C	
460-104096-7	PMP-24-NW2-3.75	T	Solid	8260C	460-333728
460-104096-10	PMP-24-NW2-S	T	Solid	8260C	460-333728
460-104096-11	PMP-24-NW2-12.75	T	Solid	8260C	460-333728
460-104096-13	PMP-5-NW2-WT	T	Solid	8260C	460-333728
460-104096-15	PMP-5-NW2-12.75	T	Solid	8260C	460-333728
460-104096-20	PMP-7-NW2-DV	T	Solid	8260C	460-333728
460-104096-21	PMP-7-NW2-5.25	T	Solid	8260C	460-333728

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-334020					
LCS 460-334020/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-334020/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334020/7	Method Blank	T	Solid	8260C	
460-104096-8	PMP-24-NW2-DV	T	Solid	8260C	460-333728
460-104096-9	PMP-24-NW2-WT	T	Solid	8260C	460-333728
460-104096-22	PMP-7-NW2-WT	T	Solid	8260C	460-333728
460-104096-23	PMP-7-NW2-S	T	Solid	8260C	460-333728
460-104096-26	PMP-9-NW2-WT	T	Solid	8260C	460-333728
Analysis Batch:460-334049					
LCS 460-334049/4	Lab Control Sample	T	Solid	8260C	
LCSD 460-334049/5	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334049/7	Method Blank	T	Solid	8260C	
460-104096-29	PRA-25 E-1.75	T	Solid	8260C	460-333721
460-104096-31	PRA-25 EE-1.75	T	Solid	8260C	460-333721
460-104096-32	PRA-25 EE-3.75	T	Solid	8260C	460-333721
460-104096-33	PRA-6 SE-1.75	T	Solid	8260C	460-333721
460-104096-34	PRA-5 SE-3.75	T	Solid	8260C	460-333721
Analysis Batch:460-334331					
LCS 460-334331/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-334331/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334331/6	Method Blank	T	Solid	8260C	
460-104096-24	PMP-7-NW2-12.75	T	Solid	8260C	460-333721
460-104096-35	PRA-2 NW-3.75	T	Solid	8260C	460-333721
460-104096-38TB	Trip Blank	T	Solid	8260C	460-333721
Analysis Batch:460-334450					
LCS 460-334450/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-334450/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-334450/6	Method Blank	T	Solid	8260C	
460-104096-30	PRA-25 E-3.75	T	Solid	8260C	460-333721
Analysis Batch:460-334459					
LCS 460-334459/3	Lab Control Sample	T	Water	8260C	
LCSD 460-334459/4	Lab Control Sample Duplicate	T	Water	8260C	
MB 460-334459/7	Method Blank	T	Water	8260C	
460-104096-37FB	FB_20151105	T	Water	8260C	
Analysis Batch:460-334629					
LCS 460-334629/5	Lab Control Sample	T	Solid	8260C	
MB 460-334629/7	Method Blank	T	Solid	8260C	
460-104096-14	PMP-5-NW2-S	T	Solid	8260C	460-333728

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-334781					
LCS 460-334781/3	Lab Control Sample	T	Solid	8260C	
MB 460-334781/6	Method Blank	T	Solid	8260C	
460-103960-A-7-A MS	Matrix Spike	T	Solid	8260C	460-333307
460-103960-A-7-A MSD	Matrix Spike Duplicate	T	Solid	8260C	460-333307

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-333717					
LCS 460-333717/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-333717/4-A	Lab Control Sample	T	Water	3510C	
LCSD 460-333717/3-A	Lab Control Sample Duplicate	T	Water	3510C	
LCSD 460-333717/5-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-333717/1-A	Method Blank	T	Water	3510C	
460-104096-37FB	FB_20151105	T	Water	3510C	
Analysis Batch:460-333958					
LCS 460-333717/2-A	Lab Control Sample	T	Water	8270D	460-333717
LCS 460-333717/4-A	Lab Control Sample	T	Water	8270D	460-333717
LCSD 460-333717/3-A	Lab Control Sample Duplicate	T	Water	8270D	460-333717
LCSD 460-333717/5-A	Lab Control Sample Duplicate	T	Water	8270D	460-333717
MB 460-333717/1-A	Method Blank	T	Water	8270D	460-333717
Prep Batch: 460-334135					
LCS 460-334135/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-334135/3-A	Lab Control Sample	T	Solid	3546	
MB 460-334135/1-A	Method Blank	T	Solid	3546	
460-104096-7	PMP-24-NW2-3.75	T	Solid	3546	
460-104096-8	PMP-24-NW2-DV	T	Solid	3546	
460-104096-29	PRA-25 E-1.75	T	Solid	3546	
460-104096-30	PRA-25 E-3.75	T	Solid	3546	
460-104096-31	PRA-25 EE-1.75	T	Solid	3546	
460-104096-32	PRA-25 EE-3.75	T	Solid	3546	
460-104096-33	PRA-6 SE-1.75	T	Solid	3546	
460-104096-34	PRA-5 SE-3.75	T	Solid	3546	
460-104096-35	PRA-2 NW-3.75	T	Solid	3546	
460-104096-35MS	Matrix Spike	T	Solid	3546	
460-104096-35MSD	Matrix Spike Duplicate	T	Solid	3546	
Analysis Batch:460-334252					
460-104096-7	PMP-24-NW2-3.75	T	Solid	8270D	460-334135
460-104096-8	PMP-24-NW2-DV	T	Solid	8270D	460-334135
460-104096-35	PRA-2 NW-3.75	T	Solid	8270D	460-334135
460-104096-35MS	Matrix Spike	T	Solid	8270D	460-334135
460-104096-35MSD	Matrix Spike Duplicate	T	Solid	8270D	460-334135

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-334254					
LCS 460-334135/2-A	Lab Control Sample	T	Solid	8270D	460-334135
LCS 460-334135/3-A	Lab Control Sample	T	Solid	8270D	460-334135
MB 460-334135/1-A	Method Blank	T	Solid	8270D	460-334135
460-104096-29	PRA-25 E-1.75	T	Solid	8270D	460-334135
460-104096-30	PRA-25 E-3.75	T	Solid	8270D	460-334135
460-104096-31	PRA-25 EE-1.75	T	Solid	8270D	460-334135
460-104096-32	PRA-25 EE-3.75	T	Solid	8270D	460-334135
460-104096-33	PRA-6 SE-1.75	T	Solid	8270D	460-334135
460-104096-34	PRA-5 SE-3.75	T	Solid	8270D	460-334135
Analysis Batch:460-334749					
460-104096-37FB	FB_20151105	T	Water	8270D	460-333717

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-333841					
LCS 460-333841/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-333841/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-333841/1-A	Method Blank	T	Water	3510C	
460-104096-37FB	FB_20151105	T	Water	3510C	
Analysis Batch:460-333978					
LCS 460-333841/2-A	Lab Control Sample	T	Water	8082A	460-333841
LCSD 460-333841/3-A	Lab Control Sample Duplicate	T	Water	8082A	460-333841
MB 460-333841/1-A	Method Blank	T	Water	8082A	460-333841
460-104096-37FB	FB_20151105	T	Water	8082A	460-333841
Prep Batch: 460-334079					
LCS 460-334079/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334079/1-A	Method Blank	T	Solid	3546	
460-103656-F-10-C MS	Matrix Spike	T	Solid	3546	
460-103656-F-10-D MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104096-30	PRA-25 E-3.75	T	Solid	3546	
460-104096-31	PRA-25 EE-1.75	T	Solid	3546	
460-104096-32	PRA-25 EE-3.75	T	Solid	3546	
460-104096-33	PRA-6 SE-1.75	T	Solid	3546	
460-104096-34	PRA-5 SE-3.75	T	Solid	3546	
460-104096-35	PRA-2 NW-3.75	T	Solid	3546	
460-104096-36	DUP_2015_11_05	T	Solid	3546	
Analysis Batch:460-334219					
LCS 460-334079/2-A	Lab Control Sample	T	Solid	8082A	460-334079
MB 460-334079/1-A	Method Blank	T	Solid	8082A	460-334079
460-104096-31	PRA-25 EE-1.75	T	Solid	8082A	460-334079
460-104096-32	PRA-25 EE-3.75	T	Solid	8082A	460-334079
460-104096-33	PRA-6 SE-1.75	T	Solid	8082A	460-334079

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-334220					
LCS 460-334220/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334220/1-A	Method Blank	T	Solid	3546	
460-104096-9DL	PMP-24-NW2-WT	T	Solid	3546	
460-104096-10DL	PMP-24-NW2-S	T	Solid	3546	
460-104096-11DL	PMP-24-NW2-12.75	T	Solid	3546	
460-104096-11MSDL	Matrix Spike	T	Solid	3546	
460-104096-11MSDDL	Matrix Spike Duplicate	T	Solid	3546	
460-104096-14DL	PMP-5-NW2-S	T	Solid	3546	
460-104096-15DL	PMP-5-NW2-12.75	T	Solid	3546	
460-104096-20DL	PMP-7-NW2-DV	T	Solid	3546	
460-104096-21DL	PMP-7-NW2-5.25	T	Solid	3546	
460-104096-22DL	PMP-7-NW2-WT	T	Solid	3546	
460-104096-23DL	PMP-7-NW2-S	T	Solid	3546	
460-104096-24	PMP-7-NW2-12.75	T	Solid	3546	
460-104096-26DL	PMP-9-NW2-WT	T	Solid	3546	
460-104096-29	PRA-25 E-1.75	T	Solid	3546	
460-104096-30	PRA-25 E-3.75	T	Solid	3546	
460-104096-31	PRA-25 EE-1.75	T	Solid	3546	
460-104096-32	PRA-25 EE-3.75	T	Solid	3546	
460-104096-33	PRA-6 SE-1.75	T	Solid	3546	
460-104096-34	PRA-5 SE-3.75	T	Solid	3546	
460-104096-35DL	PRA-2 NW-3.75	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-334269					
LCS 460-334269/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334269/1-A	Method Blank	T	Solid	3546	
460-104096-1	PMP-10-NW2-WT	T	Solid	3546	
460-104096-1MS	Matrix Spike	T	Solid	3546	
460-104096-1MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104096-2	PMP-2-NW2-WT	T	Solid	3546	
460-104096-3	PMP-2-NW2-S	T	Solid	3546	
460-104096-4	PMP-2-NW2-12.75	T	Solid	3546	
460-104096-5	PMP-23-NW2-V	T	Solid	3546	
460-104096-6	PMP-24-NW2-V	T	Solid	3546	
460-104096-7	PMP-24-NW2-3.75	T	Solid	3546	
460-104096-8	PMP-24-NW2-DV	T	Solid	3546	
460-104096-9	PMP-24-NW2-WT	T	Solid	3546	
460-104096-10	PMP-24-NW2-S	T	Solid	3546	
460-104096-11	PMP-24-NW2-12.75	T	Solid	3546	
460-104096-12	PMP-4-NW2-V	T	Solid	3546	
460-104096-13	PMP-5-NW2-WT	T	Solid	3546	
460-104096-14	PMP-5-NW2-S	T	Solid	3546	
460-104096-15	PMP-5-NW2-12.75	T	Solid	3546	
460-104096-16	PMP-6-NW2-WT	T	Solid	3546	
460-104096-17	PMP-6-NW2-S	T	Solid	3546	
460-104096-18	PMP-6-NW2-12.75	T	Solid	3546	
460-104096-19	PMP-7-NW2-0.75	T	Solid	3546	
460-104096-20	PMP-7-NW2-DV	T	Solid	3546	
Prep Batch: 460-334271					
LCS 460-334271/2-A	Lab Control Sample	T	Solid	3546	
MB 460-334271/1-A	Method Blank	T	Solid	3546	
460-103944-A-9-I MS	Matrix Spike	T	Solid	3546	
460-103944-A-9-J MSD	Matrix Spike Duplicate	T	Solid	3546	
460-104096-21	PMP-7-NW2-5.25	T	Solid	3546	
460-104096-22	PMP-7-NW2-WT	T	Solid	3546	
460-104096-23	PMP-7-NW2-S	T	Solid	3546	
460-104096-24	PMP-7-NW2-12.75	T	Solid	3546	
460-104096-25	PMP-8-NW2-V	T	Solid	3546	
460-104096-26	PMP-9-NW2-WT	T	Solid	3546	
460-104096-27	PMP-9-NW2-S	T	Solid	3546	
460-104096-28	PMP-9-NW2-12.75	T	Solid	3546	
460-104096-29	PRA-25 E-1.75	T	Solid	3546	

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-334329					
LCS 460-334220/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-334220
MB 460-334220/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-9DL	PMP-24-NW2-WT	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-10DL	PMP-24-NW2-S	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-11DL	PMP-24-NW2-12.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-11MSDL	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-11MSDDL	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-14DL	PMP-5-NW2-S	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-15DL	PMP-5-NW2-12.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-20DL	PMP-7-NW2-DV	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-21DL	PMP-7-NW2-5.25	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-22DL	PMP-7-NW2-WT	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-23DL	PMP-7-NW2-S	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-24	PMP-7-NW2-12.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-29	PRA-25 E-1.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-30	PRA-25 E-3.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-31	PRA-25 EE-1.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-32	PRA-25 EE-3.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-33	PRA-6 SE-1.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-34	PRA-5 SE-3.75	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-35DL	PRA-2 NW-3.75	T	Solid	NJ-OQA-QAM-02	460-334220
Analysis Batch:460-334363					
460-103656-F-10-C MS	Matrix Spike	T	Solid	8082A	460-334079
460-103656-F-10-D MSD	Matrix Spike Duplicate	T	Solid	8082A	460-334079
460-104096-30	PRA-25 E-3.75	T	Solid	8082A	460-334079
460-104096-34	PRA-5 SE-3.75	T	Solid	8082A	460-334079
460-104096-35	PRA-2 NW-3.75	T	Solid	8082A	460-334079
460-104096-36	DUP_2015_11_05	T	Solid	8082A	460-334079

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-334446					
LCS 460-334269/2-A	Lab Control Sample	T	Solid	8082A	460-334269
MB 460-334269/1-A	Method Blank	T	Solid	8082A	460-334269
460-104096-1	PMP-10-NW2-WT	T	Solid	8082A	460-334269
460-104096-1MS	Matrix Spike	T	Solid	8082A	460-334269
460-104096-1MSD	Matrix Spike Duplicate	T	Solid	8082A	460-334269
460-104096-3	PMP-2-NW2-S	T	Solid	8082A	460-334269
460-104096-4	PMP-2-NW2-12.75	T	Solid	8082A	460-334269
460-104096-5	PMP-23-NW2-V	T	Solid	8082A	460-334269
460-104096-12	PMP-4-NW2-V	T	Solid	8082A	460-334269
460-104096-13	PMP-5-NW2-WT	T	Solid	8082A	460-334269
460-104096-15	PMP-5-NW2-12.75	T	Solid	8082A	460-334269
460-104096-17	PMP-6-NW2-S	T	Solid	8082A	460-334269
460-104096-18	PMP-6-NW2-12.75	T	Solid	8082A	460-334269
460-104096-19	PMP-7-NW2-0.75	T	Solid	8082A	460-334269
460-104096-20	PMP-7-NW2-DV	T	Solid	8082A	460-334269
Analysis Batch:460-334464					
LCS 460-334271/2-A	Lab Control Sample	T	Solid	8082A	460-334271
MB 460-334271/1-A	Method Blank	T	Solid	8082A	460-334271
460-103944-A-9-I MS	Matrix Spike	T	Solid	8082A	460-334271
460-103944-A-9-J MSD	Matrix Spike Duplicate	T	Solid	8082A	460-334271
460-104096-24	PMP-7-NW2-12.75	T	Solid	8082A	460-334271
460-104096-28	PMP-9-NW2-12.75	T	Solid	8082A	460-334271
460-104096-29	PRA-25 E-1.75	T	Solid	8082A	460-334271
Analysis Batch:460-334642					
460-104096-21	PMP-7-NW2-5.25	T	Solid	8082A	460-334271
460-104096-22	PMP-7-NW2-WT	T	Solid	8082A	460-334271
460-104096-23	PMP-7-NW2-S	T	Solid	8082A	460-334271
460-104096-25	PMP-8-NW2-V	T	Solid	8082A	460-334271
460-104096-26	PMP-9-NW2-WT	T	Solid	8082A	460-334271
460-104096-27	PMP-9-NW2-S	T	Solid	8082A	460-334271
Analysis Batch:460-334643					
460-104096-2	PMP-2-NW2-WT	T	Solid	8082A	460-334269
460-104096-6	PMP-24-NW2-V	T	Solid	8082A	460-334269
460-104096-7	PMP-24-NW2-3.75	T	Solid	8082A	460-334269
460-104096-8	PMP-24-NW2-DV	T	Solid	8082A	460-334269
460-104096-9	PMP-24-NW2-WT	T	Solid	8082A	460-334269
460-104096-10	PMP-24-NW2-S	T	Solid	8082A	460-334269
460-104096-11	PMP-24-NW2-12.75	T	Solid	8082A	460-334269
460-104096-14	PMP-5-NW2-S	T	Solid	8082A	460-334269
460-104096-16	PMP-6-NW2-WT	T	Solid	8082A	460-334269

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-334647					
LCS 460-334649/2-A	Lab Control Sample	T	Water	NJ-OQA-QAM-02	460-334649
LCSD 460-334649/3-A	Lab Control Sample Duplicate	T	Water	NJ-OQA-QAM-02	460-334649
MB 460-334649/1-A	Method Blank	T	Water	NJ-OQA-QAM-02	460-334649
460-104096-26DL	PMP-9-NW2-WT	T	Solid	NJ-OQA-QAM-02	460-334220
460-104096-37FB	FB_20151105	T	Water	NJ-OQA-QAM-02	460-334649
Prep Batch: 460-334649					
LCS 460-334649/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-334649/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-334649/1-A	Method Blank	T	Water	3510C	
460-104096-37FB	FB_20151105	T	Water	3510C	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-334512					
460-104050-D-2 DU	Duplicate	T	Solid	Moisture	
460-104096-1	PMP-10-NW2-WT	T	Solid	Moisture	
460-104096-2	PMP-2-NW2-WT	T	Solid	Moisture	
460-104096-3	PMP-2-NW2-S	T	Solid	Moisture	
460-104096-4	PMP-2-NW2-12.75	T	Solid	Moisture	
460-104096-5	PMP-23-NW2-V	T	Solid	Moisture	
460-104096-6	PMP-24-NW2-V	T	Solid	Moisture	
460-104096-7	PMP-24-NW2-3.75	T	Solid	Moisture	
460-104096-8	PMP-24-NW2-DV	T	Solid	Moisture	
460-104096-9	PMP-24-NW2-WT	T	Solid	Moisture	
460-104096-12	PMP-4-NW2-V	T	Solid	Moisture	
460-104096-13	PMP-5-NW2-WT	T	Solid	Moisture	
Analysis Batch:460-334521					
460-103992-B-1 DU	Duplicate	T	Solid	Moisture	
460-104096-35	PRA-2 NW-3.75	T	Solid	Moisture	
460-104096-36	DUP_2015_11_05	T	Solid	Moisture	
Analysis Batch:460-334525					
460-104096-10	PMP-24-NW2-S	T	Solid	Moisture	
460-104096-11	PMP-24-NW2-12.75	T	Solid	Moisture	
460-104096-14	PMP-5-NW2-S	T	Solid	Moisture	
460-104096-15	PMP-5-NW2-12.75	T	Solid	Moisture	
460-104096-16	PMP-6-NW2-WT	T	Solid	Moisture	
460-104096-17	PMP-6-NW2-S	T	Solid	Moisture	
460-104096-18	PMP-6-NW2-12.75	T	Solid	Moisture	
460-104096-19	PMP-7-NW2-0.75	T	Solid	Moisture	
460-104096-20	PMP-7-NW2-DV	T	Solid	Moisture	
460-104096-21	PMP-7-NW2-5.25	T	Solid	Moisture	
460-104096-22	PMP-7-NW2-WT	T	Solid	Moisture	
460-104096-23	PMP-7-NW2-S	T	Solid	Moisture	
460-104096-23DU	Duplicate	T	Solid	Moisture	
460-104096-24	PMP-7-NW2-12.75	T	Solid	Moisture	
460-104096-25	PMP-8-NW2-V	T	Solid	Moisture	
460-104096-26	PMP-9-NW2-WT	T	Solid	Moisture	
460-104096-27	PMP-9-NW2-S	T	Solid	Moisture	
460-104096-28	PMP-9-NW2-12.75	T	Solid	Moisture	
460-104096-29	PRA-25 E-1.75	T	Solid	Moisture	
460-104096-30	PRA-25 E-3.75	T	Solid	Moisture	
460-104096-31	PRA-25 EE-1.75	T	Solid	Moisture	
460-104096-32	PRA-25 EE-3.75	T	Solid	Moisture	
460-104096-33	PRA-6 SE-1.75	T	Solid	Moisture	
460-104096-34	PRA-5 SE-3.75	T	Solid	Moisture	

Client: Antea USA, Inc. Job Number: 460-104096-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-1 **Client ID: PMP-10-NW2-WT**

Sample Date/Time: 11/05/2015 13:35 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-1-C		460-334446	460-334269	11/10/2015 04:54	10	TAL EDI	ARA
A:8082A	460-104096-A-1-C		460-334446	460-334269	11/11/2015 02:20	10	TAL EDI	JHP
A:Moisture	460-104096-A-1		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-1 MS **Client ID: PMP-10-NW2-WT**

Sample Date/Time: 11/05/2015 13:35 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-1-A MS		460-334446	460-334269	11/10/2015 04:54	10	TAL EDI	ARA
A:8082A	460-104096-A-1-A MS		460-334446	460-334269	11/11/2015 01:49	10	TAL EDI	JHP

Lab ID: 460-104096-1 MSD **Client ID: PMP-10-NW2-WT**

Sample Date/Time: 11/05/2015 13:35 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-1-B MSD		460-334446	460-334269	11/10/2015 04:54	10	TAL EDI	ARA
A:8082A	460-104096-A-1-B MSD		460-334446	460-334269	11/11/2015 02:05	10	TAL EDI	JHP

Lab ID: 460-104096-2 **Client ID: PMP-2-NW2-WT**

Sample Date/Time: 11/05/2015 15:04 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-2-A		460-334643	460-334269	11/10/2015 04:54	200	TAL EDI	ARA
A:8082A	460-104096-A-2-A		460-334643	460-334269	11/11/2015 11:45	200	TAL EDI	JHP
A:Moisture	460-104096-A-2		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-3 **Client ID: PMP-2-NW2-S**

Sample Date/Time: 11/05/2015 15:06 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-3-A		460-334446	460-334269	11/10/2015 04:54	50	TAL EDI	ARA
A:8082A	460-104096-A-3-A		460-334446	460-334269	11/11/2015 02:52	50	TAL EDI	JHP
A:Moisture	460-104096-A-3		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-4 **Client ID: PMP-2-NW2-12.75**

Sample Date/Time: 11/05/2015 15:08 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-4-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	460-104096-A-4-A		460-334446	460-334269	11/10/2015 17:50	1	TAL EDI	JHP
A:Moisture	460-104096-A-4		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-5 **Client ID: PMP-23-NW2-V**

Sample Date/Time: 11/05/2015 08:48 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-5-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	460-104096-A-5-A		460-334446	460-334269	11/10/2015 18:07	1	TAL EDI	JHP
A:Moisture	460-104096-A-5		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-6 **Client ID: PMP-24-NW2-V**

Sample Date/Time: 11/05/2015 12:46 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-6-A		460-334643	460-334269	11/10/2015 04:54	500	TAL EDI	ARA
A:8082A	460-104096-A-6-A		460-334643	460-334269	11/11/2015 12:02	500	TAL EDI	JHP
A:Moisture	460-104096-A-6		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-7 **Client ID: PMP-24-NW2-3.75**

Sample Date/Time: 11/05/2015 12:48 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-7-A		460-333935	460-333728	11/06/2015 14:04	50	TAL EDI	DBM
A:8260C	460-104096-A-7-A		460-333935	460-333728	11/08/2015 18:04	50	TAL EDI	AAT
P:3546	460-104096-F-7-A		460-334252	460-334135	11/09/2015 13:43	5	TAL EDI	FHW
A:8270D	460-104096-F-7-A		460-334252	460-334135	11/10/2015 14:56	5	TAL EDI	MMC
P:3546	460-104096-F-7-B		460-334643	460-334269	11/10/2015 04:54	2000	TAL EDI	ARA
A:8082A	460-104096-F-7-B		460-334643	460-334269	11/11/2015 12:18	2000	TAL EDI	JHP
A:Moisture	460-104096-F-7		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-8 **Client ID: PMP-24-NW2-DV**

Sample Date/Time: 11/05/2015 12:50 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-8-A		460-334020	460-333728	11/06/2015 14:04	1000	TAL EDI	DBM
A:8260C	460-104096-A-8-A		460-334020	460-333728	11/09/2015 18:01	1000	TAL EDI	KLB
P:3546	460-104096-F-8-A		460-334252	460-334135	11/09/2015 13:43	5	TAL EDI	FHW
A:8270D	460-104096-F-8-A		460-334252	460-334135	11/10/2015 15:19	5	TAL EDI	MMC
P:3546	460-104096-F-8-B		460-334643	460-334269	11/10/2015 04:54	2000	TAL EDI	ARA
A:8082A	460-104096-F-8-B		460-334643	460-334269	11/11/2015 13:25	2000	TAL EDI	JHP
A:Moisture	460-104096-F-8		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-9 **Client ID: PMP-24-NW2-WT**

Sample Date/Time: 11/05/2015 12:40 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-9-A		460-334020	460-333728	11/06/2015 14:04	500	TAL EDI	DBM
A:8260C	460-104096-A-9-A		460-334020	460-333728	11/09/2015 17:37	500	TAL EDI	KLB
P:3546	460-104096-F-9-B		460-334643	460-334269	11/10/2015 04:54	400	TAL EDI	ARA
A:8082A	460-104096-F-9-B		460-334643	460-334269	11/11/2015 13:41	400	TAL EDI	JHP
P:3546	460-104096-F-9-A	DL	460-334329	460-334220	11/09/2015 22:00	25	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-9-A	DL	460-334329	460-334220	11/10/2015 17:17	25	TAL EDI	DAN
A:Moisture	460-104096-F-9		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-10 **Client ID: PMP-24-NW2-S**

Sample Date/Time: 11/05/2015 12:52 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-10-A		460-333935	460-333728	11/06/2015 14:05	50	TAL EDI	DBM
A:8260C	460-104096-A-10-A		460-333935	460-333728	11/08/2015 17:40	50	TAL EDI	AAT
P:3546	460-104096-E-10-B		460-334643	460-334269	11/10/2015 04:54	1000	TAL EDI	ARA
A:8082A	460-104096-E-10-B		460-334643	460-334269	11/11/2015 13:58	1000	TAL EDI	JHP
P:3546	460-104096-E-10-A	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-10-A	DL	460-334329	460-334220	11/10/2015 17:28	20	TAL EDI	DAN
A:Moisture	460-104096-F-10		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-11 **Client ID: PMP-24-NW2-12.75**

Sample Date/Time: 11/05/2015 12:54 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-11-A		460-333935	460-333728	11/06/2015 14:05	50	TAL EDI	DBM
A:8260C	460-104096-A-11-A		460-333935	460-333728	11/08/2015 17:17	50	TAL EDI	AAT
P:3546	460-104096-F-11-D		460-334643	460-334269	11/10/2015 04:54	1000	TAL EDI	ARA
A:8082A	460-104096-F-11-D		460-334643	460-334269	11/11/2015 14:15	1000	TAL EDI	JHP
P:3546	460-104096-F-11-C	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-11-C	DL	460-334329	460-334220	11/10/2015 17:40	20	TAL EDI	DAN
A:Moisture	460-104096-E-11		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-11 MS **Client ID: PMP-24-NW2-12.75**

Sample Date/Time: 11/05/2015 12:54 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-F-11-A MS	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-11-A MS	DL	460-334329	460-334220	11/10/2015 16:53	20	TAL EDI	DAN

Lab ID: 460-104096-11 MSD **Client ID: PMP-24-NW2-12.75**

Sample Date/Time: 11/05/2015 12:54 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-F-11-B MSD	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-11-B MSD	DL	460-334329	460-334220	11/10/2015 17:05	20	TAL EDI	DAN

Lab ID: 460-104096-12 **Client ID: PMP-4-NW2-V**

Sample Date/Time: 11/05/2015 08:32 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-12-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	460-104096-A-12-A		460-334446	460-334269	11/10/2015 20:00	1	TAL EDI	JHP
A:Moisture	460-104096-A-12		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-13 **Client ID: PMP-5-NW2-WT**

Sample Date/Time: 11/05/2015 10:08 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-13-A		460-333935	460-333728	11/06/2015 14:05	50	TAL EDI	DBM
A:8260C	460-104096-A-13-A		460-333935	460-333728	11/08/2015 16:53	50	TAL EDI	AAT
P:3546	460-104096-E-13-A		460-334446	460-334269	11/10/2015 04:54	50	TAL EDI	ARA
A:8082A	460-104096-E-13-A		460-334446	460-334269	11/11/2015 05:29	50	TAL EDI	JHP
A:Moisture	460-104096-E-13		460-334512		11/10/2015 21:07	1	TAL EDI	CDE

Lab ID: 460-104096-14 **Client ID: PMP-5-NW2-S**

Sample Date/Time: 11/05/2015 10:10 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-14-A		460-334629	460-333728	11/06/2015 14:05	50	TAL EDI	DBM
A:8260C	460-104096-A-14-A		460-334629	460-333728	11/11/2015 13:59	50	TAL EDI	EMM
P:3546	460-104096-E-14-B		460-334643	460-334269	11/10/2015 04:54	50	TAL EDI	ARA
A:8082A	460-104096-E-14-B		460-334643	460-334269	11/11/2015 14:31	50	TAL EDI	JHP
P:3546	460-104096-E-14-A	DL	460-334329	460-334220	11/09/2015 22:00	5	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-14-A	DL	460-334329	460-334220	11/10/2015 17:52	5	TAL EDI	DAN
A:Moisture	460-104096-F-14		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-15 **Client ID: PMP-5-NW2-12.75**

Sample Date/Time: 11/05/2015 10:12 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-15-A		460-333935	460-333728	11/06/2015 14:06	50	TAL EDI	DBM
A:8260C	460-104096-A-15-A		460-333935	460-333728	11/08/2015 15:42	50	TAL EDI	AAT
P:3546	460-104096-E-15-B		460-334446	460-334269	11/10/2015 04:54	10	TAL EDI	ARA
A:8082A	460-104096-E-15-B		460-334446	460-334269	11/11/2015 06:00	10	TAL EDI	JHP
P:3546	460-104096-E-15-A	DL	460-334329	460-334220	11/09/2015 22:00	5	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-15-A	DL	460-334329	460-334220	11/10/2015 18:04	5	TAL EDI	DAN
A:Moisture	460-104096-F-15		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-16 **Client ID: PMP-6-NW2-WT**

Sample Date/Time: 11/05/2015 09:40 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-16-A		460-334643	460-334269	11/10/2015 04:54	100	TAL EDI	ARA
A:8082A	460-104096-A-16-A		460-334643	460-334269	11/11/2015 14:47	100	TAL EDI	JHP
A:Moisture	460-104096-A-16		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-17 **Client ID: PMP-6-NW2-S**

Sample Date/Time: 11/05/2015 09:42 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-17-A		460-334446	460-334269	11/10/2015 04:54	20	TAL EDI	ARA
A:8082A	460-104096-A-17-A		460-334446	460-334269	11/11/2015 06:34	20	TAL EDI	JHP
A:Moisture	460-104096-A-17		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-18 **Client ID: PMP-6-NW2-12.75**

Sample Date/Time: 11/05/2015 09:57 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-18-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	460-104096-A-18-A		460-334446	460-334269	11/11/2015 06:51	1	TAL EDI	JHP
A:Moisture	460-104096-A-18		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-19 **Client ID: PMP-7-NW2-0.75**

Sample Date/Time: 11/05/2015 10:55 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-19-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	460-104096-A-19-A		460-334446	460-334269	11/10/2015 21:50	1	TAL EDI	JHP
A:Moisture	460-104096-A-19		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-20 **Client ID: PMP-7-NW2-DV**

Sample Date/Time: 11/05/2015 11:32 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-20-A		460-333935	460-333728	11/06/2015 14:06	50	TAL EDI	DBM
A:8260C	460-104096-A-20-A		460-333935	460-333728	11/08/2015 16:06	50	TAL EDI	AAT
P:3546	460-104096-F-20-B		460-334446	460-334269	11/10/2015 04:54	10	TAL EDI	ARA
A:8082A	460-104096-F-20-B		460-334446	460-334269	11/11/2015 07:25	10	TAL EDI	JHP
P:3546	460-104096-F-20-A	DL	460-334329	460-334220	11/09/2015 22:00	10	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-20-A	DL	460-334329	460-334220	11/10/2015 18:16	10	TAL EDI	DAN
A:Moisture	460-104096-F-20		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-21 **Client ID: PMP-7-NW2-5.25**

Sample Date/Time: 11/05/2015 11:34 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-21-A		460-333935	460-333728	11/06/2015 14:06	50	TAL EDI	DBM
A:8260C	460-104096-A-21-A		460-333935	460-333728	11/08/2015 16:29	50	TAL EDI	AAT
P:3546	460-104096-E-21-B		460-334642	460-334271	11/10/2015 05:01	10	TAL EDI	ARA
A:8082A	460-104096-E-21-B		460-334642	460-334271	11/11/2015 09:22	10	TAL EDI	JHP
P:3546	460-104096-E-21-A	DL	460-334329	460-334220	11/09/2015 22:00	10	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-21-A	DL	460-334329	460-334220	11/10/2015 18:52	10	TAL EDI	DAN
A:Moisture	460-104096-E-21		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-22 **Client ID: PMP-7-NW2-WT**

Sample Date/Time: 11/05/2015 11:21 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-22-A		460-334020	460-333728	11/06/2015 14:06	50	TAL EDI	DBM
A:8260C	460-104096-A-22-A		460-334020	460-333728	11/09/2015 15:38	50	TAL EDI	KLB
P:3546	460-104096-E-22-B		460-334642	460-334271	11/10/2015 05:01	100	TAL EDI	ARA
A:8082A	460-104096-E-22-B		460-334642	460-334271	11/11/2015 09:37	100	TAL EDI	JHP
P:3546	460-104096-E-22-A	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-22-A	DL	460-334329	460-334220	11/10/2015 19:04	20	TAL EDI	DAN
A:Moisture	460-104096-F-22		460-334525		11/10/2015 22:19	1	TAL EDI	CDE

Lab ID: 460-104096-23 **Client ID: PMP-7-NW2-S**

Sample Date/Time: 11/05/2015 11:37 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-23-A		460-334020	460-333728	11/06/2015 14:07	50	TAL EDI	DBM
A:8260C	460-104096-A-23-A		460-334020	460-333728	11/09/2015 16:02	50	TAL EDI	KLB
P:3546	460-104096-F-23-B		460-334642	460-334271	11/10/2015 05:01	500	TAL EDI	ARA
A:8082A	460-104096-F-23-B		460-334642	460-334271	11/11/2015 11:01	500	TAL EDI	JHP
P:3546	460-104096-F-23-A	DL	460-334329	460-334220	11/09/2015 22:00	20	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-23-A	DL	460-334329	460-334220	11/10/2015 19:16	20	TAL EDI	DAN
A:Moisture	460-104096-E-23		460-334525		11/10/2015 22:19	1	TAL EDI	CDE

Lab ID: 460-104096-23 DU **Client ID: PMP-7-NW2-S**

Sample Date/Time: 11/05/2015 11:37 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-104096-E-23 DU		460-334525		11/10/2015 22:19	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-24 **Client ID: PMP-7-NW2-12.75**

Sample Date/Time: 11/05/2015 11:41 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-C-24-A		460-334331	460-333721	11/06/2015 13:49	1	TAL EDI	DBM
A:8260C	460-104096-C-24-A		460-334331	460-333721	11/10/2015 18:46	1	TAL EDI	MZS
P:3546	460-104096-F-24-B		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	460-104096-F-24-B		460-334464	460-334271	11/10/2015 20:43	1	TAL EDI	JHP
P:3546	460-104096-F-24-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-24-A		460-334329	460-334220	11/10/2015 13:43	1	TAL EDI	DAN
A:Moisture	460-104096-E-24		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-25 **Client ID: PMP-8-NW2-V**

Sample Date/Time: 11/05/2015 09:12 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-25-A		460-334642	460-334271	11/10/2015 05:01	10	TAL EDI	ARA
A:8082A	460-104096-A-25-A		460-334642	460-334271	11/11/2015 10:09	10	TAL EDI	JHP
A:Moisture	460-104096-A-25		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-26 **Client ID: PMP-9-NW2-WT**

Sample Date/Time: 11/05/2015 12:06 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-A-26-A		460-334020	460-333728	11/06/2015 14:07	50	TAL EDI	DBM
A:8260C	460-104096-A-26-A		460-334020	460-333728	11/09/2015 14:03	50	TAL EDI	KLB
P:3546	460-104096-E-26-B		460-334642	460-334271	11/10/2015 05:01	100	TAL EDI	ARA
A:8082A	460-104096-E-26-B		460-334642	460-334271	11/11/2015 10:25	100	TAL EDI	JHP
P:3546	460-104096-E-26-A	DL	460-334647	460-334220	11/09/2015 22:00	10	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-26-A	DL	460-334647	460-334220	11/11/2015 11:34	10	TAL EDI	DAN
A:Moisture	460-104096-E-26		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-27 **Client ID: PMP-9-NW2-S**

Sample Date/Time: 11/05/2015 12:01 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-27-A		460-334642	460-334271	11/10/2015 05:01	50	TAL EDI	ARA
A:8082A	460-104096-A-27-A		460-334642	460-334271	11/11/2015 10:40	50	TAL EDI	JHP
A:Moisture	460-104096-A-27		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-28 **Client ID: PMP-9-NW2-12.75**

Sample Date/Time: 11/05/2015 12:03 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-28-A		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	460-104096-A-28-A		460-334464	460-334271	11/10/2015 21:46	1	TAL EDI	JHP
A:Moisture	460-104096-A-28		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-29 **Client ID: PRA-25 E-1.75**

Sample Date/Time: 11/05/2015 15:45 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-29-A		460-334049	460-333721	11/06/2015 13:51	1	TAL EDI	DBM
A:8260C	460-104096-B-29-A		460-334049	460-333721	11/09/2015 19:45	1	TAL EDI	EMM
P:3546	460-104096-G-29-A		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-G-29-A		460-334254	460-334135	11/10/2015 10:28	1	TAL EDI	AAS
P:3546	460-104096-F-29-B		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	460-104096-F-29-B		460-334464	460-334271	11/10/2015 22:02	1	TAL EDI	JHP
P:3546	460-104096-F-29-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-29-A		460-334329	460-334220	11/10/2015 14:06	1	TAL EDI	DAN
A:Moisture	460-104096-E-29		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-30 **Client ID: PRA-25 E-3.75**

Sample Date/Time: 11/05/2015 15:50 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-C-30-A		460-334450	460-333721	11/06/2015 13:52	1	TAL EDI	DBM
A:8260C	460-104096-C-30-A		460-334450	460-333721	11/11/2015 00:37	1	TAL EDI	MZS
P:3546	460-104096-E-30-B		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-E-30-B		460-334254	460-334135	11/10/2015 10:54	1	TAL EDI	AAS
P:3546	460-104096-E-30-A		460-334363	460-334079	11/09/2015 10:28	5	TAL EDI	HMP
A:8082A	460-104096-E-30-A		460-334363	460-334079	11/10/2015 13:32	5	TAL EDI	JHP
P:3546	460-104096-F-30-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-30-A		460-334329	460-334220	11/10/2015 14:18	1	TAL EDI	DAN
A:Moisture	460-104096-G-30		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-31 **Client ID: PRA-25 EE-1.75**

Sample Date/Time: 11/05/2015 15:35 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-31-A		460-334049	460-333721	11/06/2015 13:52	1	TAL EDI	DBM
A:8260C	460-104096-B-31-A		460-334049	460-333721	11/09/2015 20:11	1	TAL EDI	EMM
P:3546	460-104096-E-31-B		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-E-31-B		460-334254	460-334135	11/10/2015 11:20	1	TAL EDI	AAS
P:3546	460-104096-E-31-A		460-334219	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	460-104096-E-31-A		460-334219	460-334079	11/10/2015 03:21	1	TAL EDI	JHP
P:3546	460-104096-F-31-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-F-31-A		460-334329	460-334220	11/10/2015 14:30	1	TAL EDI	DAN
A:Moisture	460-104096-F-31		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-32 **Client ID: PRA-25 EE-3.75**

Sample Date/Time: 11/05/2015 15:33 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-32-A		460-334049	460-333721	11/06/2015 13:53	1	TAL EDI	DBM
A:8260C	460-104096-B-32-A		460-334049	460-333721	11/09/2015 20:37	1	TAL EDI	EMM
P:3546	460-104096-F-32-B		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-F-32-B		460-334254	460-334135	11/10/2015 11:46	1	TAL EDI	AAS
P:3546	460-104096-F-32-A		460-334219	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	460-104096-F-32-A		460-334219	460-334079	11/10/2015 08:37	1	TAL EDI	JHP
P:3546	460-104096-E-32-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-32-A		460-334329	460-334220	11/10/2015 15:33	1	TAL EDI	DAN
A:Moisture	460-104096-E-32		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-33 **Client ID: PRA-6 SE-1.75**

Sample Date/Time: 11/05/2015 09:26 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-33-A		460-334049	460-333721	11/06/2015 13:53	1	TAL EDI	DBM
A:8260C	460-104096-B-33-A		460-334049	460-333721	11/09/2015 21:03	1	TAL EDI	EMM
P:3546	460-104096-F-33-B		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-F-33-B		460-334254	460-334135	11/10/2015 12:12	1	TAL EDI	AAS
P:3546	460-104096-F-33-A		460-334219	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	460-104096-F-33-A		460-334219	460-334079	11/10/2015 08:52	1	TAL EDI	JHP
P:3546	460-104096-E-33-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-33-A		460-334329	460-334220	11/10/2015 15:44	1	TAL EDI	DAN
A:Moisture	460-104096-E-33		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-34 **Client ID: PRA-5 SE-3.75**

Sample Date/Time: 11/05/2015 10:28 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-34-A		460-334049	460-333721	11/06/2015 13:54	1	TAL EDI	DBM
A:8260C	460-104096-B-34-A		460-334049	460-333721	11/09/2015 21:29	1	TAL EDI	EMM
P:3546	460-104096-F-34-B		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	460-104096-F-34-B		460-334254	460-334135	11/10/2015 12:38	1	TAL EDI	AAS
P:3546	460-104096-F-34-A		460-334363	460-334079	11/09/2015 10:28	5	TAL EDI	HMP
A:8082A	460-104096-F-34-A		460-334363	460-334079	11/10/2015 13:48	5	TAL EDI	JHP
P:3546	460-104096-G-34-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-G-34-A		460-334329	460-334220	11/10/2015 15:56	1	TAL EDI	DAN
A:Moisture	460-104096-G-34		460-334525		11/10/2015 22:16	1	TAL EDI	CDE

Lab ID: 460-104096-35 **Client ID: PRA-2 NW-3.75**

Sample Date/Time: 11/05/2015 14:37 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-B-35-A		460-334331	460-333721	11/06/2015 13:54	1	TAL EDI	DBM
A:8260C	460-104096-B-35-A		460-334331	460-333721	11/10/2015 19:39	1	TAL EDI	MZS
P:3546	460-104096-F-35-C		460-334252	460-334135	11/09/2015 13:43	5	TAL EDI	FHW
A:8270D	460-104096-F-35-C		460-334252	460-334135	11/10/2015 12:04	5	TAL EDI	MMC
P:3546	460-104096-E-35-A		460-334363	460-334079	11/09/2015 10:28	10	TAL EDI	HMP
A:8082A	460-104096-E-35-A		460-334363	460-334079	11/10/2015 14:03	10	TAL EDI	JHP
P:3546	460-104096-E-35-B	DL	460-334329	460-334220	11/09/2015 22:00	10	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-E-35-B	DL	460-334329	460-334220	11/10/2015 19:40	10	TAL EDI	DAN
A:Moisture	460-104096-E-35		460-334521		11/10/2015 21:53	1	TAL EDI	CDE

Lab ID: 460-104096-35 MS **Client ID: PRA-2 NW-3.75**

Sample Date/Time: 11/05/2015 14:37 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-F-35-A MS		460-334252	460-334135	11/09/2015 13:43	5	TAL EDI	FHW
A:8270D	460-104096-F-35-A MS		460-334252	460-334135	11/10/2015 12:27	5	TAL EDI	MMC

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: 460-104096-35 MSD **Client ID: PRA-2 NW-3.75**

Sample Date/Time: 11/05/2015 14:37 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-F-35-B MSD		460-334252	460-334135	11/09/2015 13:43	5	TAL EDI	FHW
A:8270D	460-104096-F-35-B MSD		460-334252	460-334135	11/10/2015 12:51	5	TAL EDI	MMC

Lab ID: 460-104096-36 **Client ID: DUP_2015_11_05**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-104096-A-36-A		460-334363	460-334079	11/09/2015 10:28	50	TAL EDI	HMP
A:8082A	460-104096-A-36-A		460-334363	460-334079	11/10/2015 14:19	50	TAL EDI	JHP
A:Moisture	460-104096-A-36		460-334521		11/10/2015 21:53	1	TAL EDI	CDE

Lab ID: 460-104096-37 **Client ID: FB_20151105**

Sample Date/Time: 11/05/2015 16:30 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030C	460-104096-A-37		460-334459		11/11/2015 00:22	1	TAL EDI	EMM
A:8260C	460-104096-A-37		460-334459		11/11/2015 00:22	1	TAL EDI	EMM
P:3510C	460-104096-F-37-A		460-334749	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	460-104096-F-37-A		460-334749	460-333717	11/12/2015 02:09	1	TAL EDI	AAS
P:3510C	460-104096-E-37-A		460-333978	460-333841	11/07/2015 07:16	1	TAL EDI	KVR
A:8082A	460-104096-E-37-A		460-333978	460-333841	11/08/2015 22:58	1	TAL EDI	JHP
P:3510C	460-104096-G-37-A		460-334647	460-334649	11/11/2015 09:54	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	460-104096-G-37-A		460-334647	460-334649	11/11/2015 12:28	1	TAL EDI	DAN

Lab ID: 460-104096-38 **Client ID: Trip Blank**

Sample Date/Time: 11/05/2015 00:00 Received Date/Time: 11/05/2015 20:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-104096-C-38-A		460-334331	460-333721	11/06/2015 13:55	1	TAL EDI	DBM
A:8260C	460-104096-C-38-A		460-334331	460-333721	11/10/2015 12:39	1	TAL EDI	MZS

Client: Antea USA, Inc. Job Number: 460-104096-1

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:8260C	MB 460-333935/7		460-333935		11/08/2015 10:06	50	TAL EDI	AAT
A:8260C	MB 460-334020/7		460-334020		11/09/2015 12:51	50	TAL EDI	KLB
A:8260C	MB 460-334049/7		460-334049		11/09/2015 13:13	1	TAL EDI	EMM
A:8260C	MB 460-334331/6		460-334331		11/10/2015 11:46	1	TAL EDI	MZS
P:5030C	MB 460-334459/7		460-334459		11/10/2015 23:00	1	TAL EDI	EMM
A:8260C	MB 460-334459/7		460-334459		11/10/2015 23:00	1	TAL EDI	EMM
A:8260C	MB 460-334450/6		460-334450		11/10/2015 23:58	1	TAL EDI	MZS
A:8260C	MB 460-334629/7		460-334629		11/11/2015 11:32	50	TAL EDI	EMM
A:8260C	MB 460-334781/6		460-334781		11/11/2015 23:35	50	TAL EDI	KLB
P:3510C	MB 460-333717/1-A		460-333958	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	MB 460-333717/1-A		460-333958	460-333717	11/08/2015 10:44	1	TAL EDI	MMC
P:3546	MB 460-334135/1-A		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	MB 460-334135/1-A		460-334254	460-334135	11/10/2015 05:41	1	TAL EDI	AAS
P:3510C	MB 460-333841/1-A		460-333978	460-333841	11/07/2015 07:16	1	TAL EDI	KVR
A:8082A	MB 460-333841/1-A		460-333978	460-333841	11/08/2015 16:42	1	TAL EDI	JHP
P:3546	MB 460-334079/1-A		460-334219	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	MB 460-334079/1-A		460-334219	460-334079	11/09/2015 22:30	1	TAL EDI	JHP
P:3546	MB 460-334271/1-A		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	MB 460-334271/1-A		460-334464	460-334271	11/10/2015 17:34	1	TAL EDI	JHP
P:3546	MB 460-334269/1-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	MB 460-334269/1-A		460-334446	460-334269	11/11/2015 01:18	1	TAL EDI	JHP
P:3546	MB 460-334220/1-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	MB 460-334220/1-A		460-334329	460-334220	11/10/2015 10:41	1	TAL EDI	DAN
P:3510C	MB 460-334649/1-A		460-334647	460-334649	11/11/2015 09:54	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	MB 460-334649/1-A		460-334647	460-334649	11/11/2015 11:49	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-104096-1

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:8260C	LCS 460-333935/3		460-333935		11/08/2015 08:10	50	TAL EDI	AAT
A:8260C	LCS 460-334020/3		460-334020		11/09/2015 11:01	50	TAL EDI	KLB
A:8260C	LCS 460-334049/4		460-334049		11/09/2015 11:40	1	TAL EDI	EMM
A:8260C	LCS 460-334331/3		460-334331		11/10/2015 10:26	1	TAL EDI	MZS
P:5030C	LCS 460-334459/3		460-334459		11/10/2015 21:09	1	TAL EDI	EMM
A:8260C	LCS 460-334459/3		460-334459		11/10/2015 21:09	1	TAL EDI	EMM
A:8260C	LCS 460-334450/3		460-334450		11/10/2015 22:28	1	TAL EDI	MZS
A:8260C	LCS 460-334629/5		460-334629		11/11/2015 10:25	50	TAL EDI	EMM
A:8260C	LCS 460-334781/3		460-334781		11/11/2015 22:22	50	TAL EDI	KLB
P:3510C	LCS 460-333717/2-A		460-333958	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	LCS 460-333717/2-A		460-333958	460-333717	11/08/2015 11:05	1	TAL EDI	MMC
P:3510C	LCS 460-333717/4-A		460-333958	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	LCS 460-333717/4-A		460-333958	460-333717	11/08/2015 11:47	1	TAL EDI	MMC
P:3546	LCS 460-334135/2-A		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	LCS 460-334135/2-A		460-334254	460-334135	11/10/2015 04:49	1	TAL EDI	AAS
P:3546	LCS 460-334135/3-A		460-334254	460-334135	11/09/2015 13:43	1	TAL EDI	FHW
A:8270D	LCS 460-334135/3-A		460-334254	460-334135	11/10/2015 05:15	1	TAL EDI	AAS
P:3510C	LCS 460-333841/2-A		460-333978	460-333841	11/07/2015 07:16	1	TAL EDI	KVR
A:8082A	LCS 460-333841/2-A		460-333978	460-333841	11/08/2015 17:00	1	TAL EDI	JHP
P:3546	LCS 460-334079/2-A		460-334219	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	LCS 460-334079/2-A		460-334219	460-334079	11/09/2015 22:46	1	TAL EDI	JHP
P:3546	LCS 460-334271/2-A		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	LCS 460-334271/2-A		460-334464	460-334271	11/10/2015 17:49	1	TAL EDI	JHP
P:3546	LCS 460-334269/2-A		460-334446	460-334269	11/10/2015 04:54	1	TAL EDI	ARA
A:8082A	LCS 460-334269/2-A		460-334446	460-334269	11/11/2015 01:33	1	TAL EDI	JHP
P:3546	LCS 460-334220/2-A		460-334329	460-334220	11/09/2015 22:00	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	LCS 460-334220/2-A		460-334329	460-334220	11/10/2015 10:53	1	TAL EDI	DAN
P:3510C	LCS 460-334649/2-A		460-334647	460-334649	11/11/2015 09:54	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	LCS 460-334649/2-A		460-334647	460-334649	11/11/2015 12:01	1	TAL EDI	DAN

Client: Antea USA, Inc. Job Number: 460-104096-1

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:8260C	LCSD 460-333935/4		460-333935		11/08/2015 08:34	50	TAL EDI	AAT
A:8260C	LCSD 460-334020/4		460-334020		11/09/2015 11:28	50	TAL EDI	KLB
A:8260C	LCSD 460-334049/5		460-334049		11/09/2015 12:06	1	TAL EDI	EMM
A:8260C	LCSD 460-334331/4		460-334331		11/10/2015 10:53	1	TAL EDI	MZS
P:5030C	LCSD 460-334459/4		460-334459		11/10/2015 21:37	1	TAL EDI	EMM
A:8260C	LCSD 460-334459/4		460-334459		11/10/2015 21:37	1	TAL EDI	EMM
A:8260C	LCSD 460-334450/4		460-334450		11/10/2015 22:54	1	TAL EDI	MZS
P:3510C	LCSD 460-333717/3-A		460-333958	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	LCSD 460-333717/3-A		460-333958	460-333717	11/08/2015 11:26	1	TAL EDI	MMC
P:3510C	LCSD 460-333717/5-A		460-333958	460-333717	11/06/2015 13:28	1	TAL EDI	WAT
A:8270D	LCSD 460-333717/5-A		460-333958	460-333717	11/08/2015 12:08	1	TAL EDI	MMC
P:3510C	LCSD 460-333841/3-A		460-333978	460-333841	11/07/2015 07:16	1	TAL EDI	KVR
A:8082A	LCSD 460-333841/3-A		460-333978	460-333841	11/08/2015 17:17	1	TAL EDI	JHP
P:3510C	LCSD 460-334649/3-A		460-334647	460-334649	11/11/2015 09:54	1	TAL EDI	JMS
A:NJ-OQA-QAM-025	LCSD 460-334649/3-A		460-334647	460-334649	11/11/2015 12:13	1	TAL EDI	DAN

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 11/03/2015 11:50 Received Date/Time: 11/04/2015 14:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-103960-A-7-A MS		460-334781	460-333307	11/04/2015 21:54	50	TAL EDI	AVM
A:8260C	460-103960-A-7-A MS		460-334781	460-333307	11/12/2015 07:47	50	TAL EDI	KLB
P:3546	460-103656-F-10-C MS		460-334363	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	460-103656-F-10-C MS		460-334363	460-334079	11/10/2015 11:41	1	TAL EDI	JHP
P:3546	460-103944-A-9-I MS		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	460-103944-A-9-I MS		460-334464	460-334271	11/10/2015 18:05	1	TAL EDI	JHP

Client: Antea USA, Inc. Job Number: 460-104096-1

Laboratory Chronicle

Lab ID: MSD **Client ID: N/A**

Sample Date/Time: 11/03/2015 11:50 Received Date/Time: 11/04/2015 14:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-103960-A-7-A MSD		460-334781	460-333307	11/04/2015 21:54	50	TAL EDI	AVM
A:8260C	460-103960-A-7-A MSD		460-334781	460-333307	11/12/2015 08:11	50	TAL EDI	KLB
P:3546	460-103656-F-10-D MSD		460-334363	460-334079	11/09/2015 10:28	1	TAL EDI	HMP
A:8082A	460-103656-F-10-D MSD		460-334363	460-334079	11/10/2015 11:57	1	TAL EDI	JHP
P:3546	460-103944-A-9-J MSD		460-334464	460-334271	11/10/2015 05:01	1	TAL EDI	ARA
A:8082A	460-103944-A-9-J MSD		460-334464	460-334271	11/10/2015 18:21	1	TAL EDI	JHP

Lab ID: DU **Client ID: N/A**

Sample Date/Time: 11/04/2015 09:00 Received Date/Time: 11/05/2015 12:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-104050-D-2 DU		460-334512		11/10/2015 21:07	1	TAL EDI	CDE
A:Moisture	460-103992-B-1 DU		460-334521		11/10/2015 21:53	1	TAL EDI	CDE

Lab References:
TAL EDI = TestAmerica Edison

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

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-7-NW2-12.75	460-104096-24	106	106	98	106
PRA-25 E-1.75	460-104096-29	107	104	100	104
PRA-25 E-3.75	460-104096-30	109	103	99	102
PRA-25 EE-1.75	460-104096-31	108	103	101	107
PRA-25 EE-3.75	460-104096-32	106	104	100	103
PRA-6 SE-1.75	460-104096-33	105	104	100	102
PRA-5 SE-3.75	460-104096-34	103	100	96	98
PRA-2 NW-3.75	460-104096-35	101	101	93	102
Trip Blank	460-104096-38	101	97	91	91
	MB 460-334049/7	106	104	100	99
	MB 460-334331/6	106	100	100	101
	MB 460-334450/6	102	95	94	98
	LCS 460-334049/4	103	99	102	101
	LCS 460-334331/3	105	100	103	102
	LCS 460-334450/3	101	95	100	101
	LCSD 460-334049/5	99	97	96	95
	LCSD 460-334331/4	103	100	101	101
	LCSD 460-334450/4	100	94	100	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	61-149
DCA = 1,2-Dichloroethane-d4 (Surr)	78-135
TOL = Toluene-d8 (Surr)	73-121
BFB = Bromofluorobenzene	67-126

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

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-24-NW2-3.75	460-104096-7	103	97	101	96
PMP-24-NW2-DV	460-104096-8	116	124	108	113
PMP-24-NW2-WT	460-104096-9	84	88	90	79
PMP-24-NW2-S	460-104096-10	98	98	103	99
PMP-24-NW2-12.75	460-104096-11	95	92	101	98
PMP-5-NW2-WT	460-104096-13	103	92	104	103
PMP-5-NW2-S	460-104096-14	99	92	105	104
PMP-5-NW2-12.75	460-104096-15	126	119	131	126
PMP-7-NW2-DV	460-104096-20	100	99	102	98
PMP-7-NW2-5.25	460-104096-21	99	96	105	103
PMP-7-NW2-WT	460-104096-22	100	93	98	97
PMP-7-NW2-S	460-104096-23	100	95	101	99
PMP-9-NW2-WT	460-104096-26	95	92	99	95
	MB 460-333935/7	99	95	98	97
	MB 460-334020/7	101	93	101	96
	MB 460-334629/7	105	99	106	103
	MB 460-334781/6	101	99	101	99
	LCS 460-333935/3	102	95	100	98
	LCS 460-334020/3	118	109	119	115
	LCS 460-334629/5	98	92	98	98
	LCS 460-334781/3	102	96	98	98
	LCSD 460-333935/4	100	95	103	99
	LCSD 460-334020/4	99	94	99	97
	460-103960-A-7-A MS	102	100	100	97
	460-103960-A-7-A MSD	104	106	105	99

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	74-134
DCA = 1,2-Dichloroethane-d4 (Surr)	69-145
TOL = Toluene-d8 (Surr)	72-136
BFB = Bromofluorobenzene	64-131

Column to be used to flag recovery values

FORM II 8260C

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB_20151105	460-104096-37	96	99	98	103
	MB 460-334459/7	96	96	96	100
	LCS 460-334459/3	94	94	95	100
	LCSD 460-334459/4	97	98	97	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	72-136
DCA = 1,2-Dichloroethane-d4 (Surr)	70-137
TOL = Toluene-d8 (Surr)	74-120
BFB = Bromofluorobenzene	70-131

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89701.D

Lab ID: LCS 460-333935/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	934	93	63-138	
Bromomethane	1000	1050	105	66-145	
Vinyl chloride	1000	1030	103	69-139	
Chloroethane	1000	984	98	68-144	
Methylene Chloride	1000	1030	103	78-122	
Acetone	5000	4260	85	10-150	
Carbon disulfide	1000	1030	103	72-127	
Trichlorofluoromethane	1000	985	99	72-140	
1,1-Dichloroethene	1000	954	95	78-125	
1,1-Dichloroethane	1000	1040	104	78-123	
trans-1,2-Dichloroethene	1000	1000	100	79-123	
cis-1,2-Dichloroethene	1000	953	95	80-120	
Chloroform	1000	961	96	82-123	
2-Butanone	5000	4240	85	40-150	
1,2-Dichloroethane	1000	844	84	75-122	
1,1,1-Trichloroethane	1000	828	83	81-125	
Carbon tetrachloride	1000	903	90	77-136	
Benzene	1000	1040	104	77-121	
Bromoform	1000	891	89	68-124	
Styrene	1000	952	95	80-120	
Ethylbenzene	1000	954	95	80-120	
Chlorobenzene	1000	952	95	84-114	
Cyclohexane	1000	1060	106	64-128	
Isopropylbenzene	1000	959	96	81-124	
2-Hexanone	5000	4970	99	44-136	
MTBE	1000	921	92	77-121	
Freon TF	1000	1010	101	69-135	
Methyl acetate	5000	5170	103	58-140	
1,4-Dioxane	20000	37100	186	65-145	*
Trichloroethene	1000	971	97	82-122	
Toluene	1000	1030	103	80-120	
trans-1,3-Dichloropropene	1000	1000	100	74-121	
4-Methyl-2-pentanone	5000	4850	97	62-124	
cis-1,3-Dichloropropene	1000	1040	104	78-120	
1,2-Dichlorobenzene	1000	927	93	80-120	
1,3-Dichlorobenzene	1000	955	95	80-120	
1,4-Dichlorobenzene	1000	951	95	80-120	
1,2,4-Trichlorobenzene	1000	969	97	45-137	
1,2,3-Trichlorobenzene	1000	998	100	35-143	
1,2-Dichloropropane	1000	1090	109	76-124	
Methylcyclohexane	1000	1060	106	55-133	
Tetrachloroethene	1000	1050	105	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89701.D

Lab ID: LCS 460-333935/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1900	95	80-120	
1,2-Dibromo-3-Chloropropane	1000	873	87	37-130	
1,1,2,2-Tetrachloroethane	1000	982	98	59-130	
1,1,2-Trichloroethane	1000	1010	101	72-117	
Dibromochloromethane	1000	906	91	83-121	
1,2-Dibromoethane	1000	921	92	76-117	
Dichlorodifluoromethane	1000	944	94	51-145	
Bromochloromethane	1000	944	94	82-124	
Bromodichloromethane	1000	939	94	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89730.D

Lab ID: LCS 460-334020/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1090	109	63-138	
Bromomethane	1000	1210	121	66-145	
Vinyl chloride	1000	1180	118	69-139	
Chloroethane	1000	1130	113	68-144	
Methylene Chloride	1000	1190	119	78-122	
Acetone	5000	4910	98	10-150	
Carbon disulfide	1000	1150	115	72-127	
Trichlorofluoromethane	1000	1140	114	72-140	
1,1-Dichloroethene	1000	1110	111	78-125	
1,1-Dichloroethane	1000	1200	120	78-123	
trans-1,2-Dichloroethene	1000	1100	110	79-123	
cis-1,2-Dichloroethene	1000	1110	111	80-120	
Chloroform	1000	1060	106	82-123	
2-Butanone	5000	4300	86	40-150	
1,2-Dichloroethane	1000	942	94	75-122	
1,1,1-Trichloroethane	1000	993	99	81-125	
Carbon tetrachloride	1000	1030	103	77-136	
Benzene	1000	1200	120	77-121	
Bromoform	1000	1130	113	68-124	
Styrene	1000	1050	105	80-120	
Ethylbenzene	1000	1050	105	80-120	
Chlorobenzene	1000	1070	107	84-114	
Cyclohexane	1000	1130	113	64-128	
Isopropylbenzene	1000	1040	104	81-124	
2-Hexanone	5000	5340	107	44-136	
MTBE	1000	1050	105	77-121	
Freon TF	1000	1140	114	69-135	
Methyl acetate	5000	6150	123	58-140	
1,4-Dioxane	20000	33400	167	65-145	*
Trichloroethene	1000	1060	106	82-122	
Toluene	1000	1130	113	80-120	
trans-1,3-Dichloropropene	1000	1150	115	74-121	
4-Methyl-2-pentanone	5000	5430	109	62-124	
cis-1,3-Dichloropropene	1000	1160	116	78-120	
1,2-Dichlorobenzene	1000	1080	108	80-120	
1,3-Dichlorobenzene	1000	1100	110	80-120	
1,4-Dichlorobenzene	1000	1060	106	80-120	
1,2,4-Trichlorobenzene	1000	1130	113	45-137	
1,2,3-Trichlorobenzene	1000	1140	114	35-143	
1,2-Dichloropropane	1000	1170	117	76-124	
Methylcyclohexane	1000	1090	109	55-133	
Tetrachloroethene	1000	1080	108	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89730.D

Lab ID: LCS 460-334020/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	2060	103	80-120	
1,2-Dibromo-3-Chloropropane	1000	993	99	37-130	
1,1,2,2-Tetrachloroethane	1000	1200	120	59-130	
1,1,2-Trichloroethane	1000	1200	120	72-117	*
Dibromochloromethane	1000	1090	109	83-121	
1,2-Dibromoethane	1000	1030	103	76-117	
Dichlorodifluoromethane	1000	1090	109	51-145	
Bromochloromethane	1000	1060	106	82-124	
Bromodichloromethane	1000	1060	106	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46832.D

Lab ID: LCS 460-334049/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	21.3	106	73-130	
Bromomethane	20.0	19.9	99	74-125	
Vinyl chloride	20.0	20.4	102	77-130	
Chloroethane	20.0	21.6	108	63-143	
Methylene Chloride	20.0	20.3	101	80-120	
Acetone	100	105	105	66-150	
Carbon disulfide	20.0	18.6	93	82-127	
Trichlorofluoromethane	20.0	19.0	95	73-134	
1,1-Dichloroethene	20.0	17.9	89	80-120	
1,1-Dichloroethane	20.0	19.7	99	83-131	
trans-1,2-Dichloroethene	20.0	18.9	94	86-126	
cis-1,2-Dichloroethene	20.0	19.3	97	80-120	
Chloroform	20.0	19.4	97	80-120	
2-Butanone	100	104	104	58-150	
1,2-Dichloroethane	20.0	19.2	96	75-132	
1,1,1-Trichloroethane	20.0	17.9	90	78-139	
Carbon tetrachloride	20.0	17.5	87	62-150	
Benzene	20.0	18.9	94	78-122	
Bromoform	20.0	18.5	92	47-150	
Styrene	20.0	18.4	92	80-120	
Ethylbenzene	20.0	17.1	86	80-120	
Chlorobenzene	20.0	18.5	92	80-120	
Cyclohexane	20.0	18.3	91	77-137	
Isopropylbenzene	20.0	17.1	86	80-120	
2-Hexanone	100	98.3	98	75-137	
MTBE	20.0	20.6	103	80-120	
Freon TF	20.0	18.2	91	83-136	
Methyl acetate	100	106	106	66-150	
1,4-Dioxane	400	516	129	80-128	*
Trichloroethene	20.0	17.6	88	80-120	
Toluene	20.0	17.9	90	80-120	
trans-1,3-Dichloropropene	20.0	18.8	94	73-118	
4-Methyl-2-pentanone	100	97.2	97	81-121	
cis-1,3-Dichloropropene	20.0	19.1	96	75-118	
1,2-Dichlorobenzene	20.0	18.1	91	80-120	
1,3-Dichlorobenzene	20.0	18.4	92	80-120	
1,4-Dichlorobenzene	20.0	18.5	93	80-120	
1,2,4-Trichlorobenzene	20.0	17.9	89	77-116	
1,2,3-Trichlorobenzene	20.0	19.9	100	77-116	
1,2-Dichloropropane	20.0	18.6	93	77-124	
Methylcyclohexane	20.0	17.7	89	84-127	
Tetrachloroethene	20.0	17.2	86	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46832.D

Lab ID: LCS 460-334049/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	34.9	87	80-120	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	63-131	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	64-128	
1,1,2-Trichloroethane	20.0	19.4	97	76-118	
Dibromochloromethane	20.0	18.7	93	68-132	
1,2-Dibromoethane	20.0	19.0	95	80-120	
Dichlorodifluoromethane	20.0	18.1	91	73-122	
Bromochloromethane	20.0	19.8	99	73-132	
Bromodichloromethane	20.0	18.7	94	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46883.D

Lab ID: LCS 460-334331/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	21.8	109	73-130	
Bromomethane	20.0	19.8	99	74-125	
Vinyl chloride	20.0	19.8	99	77-130	
Chloroethane	20.0	22.2	111	63-143	
Methylene Chloride	20.0	20.8	104	80-120	
Acetone	100	115	115	66-150	
Carbon disulfide	20.0	18.7	93	82-127	
Trichlorofluoromethane	20.0	19.0	95	73-134	
1,1-Dichloroethene	20.0	17.8	89	80-120	
1,1-Dichloroethane	20.0	20.2	101	83-131	
trans-1,2-Dichloroethene	20.0	19.1	96	86-126	
cis-1,2-Dichloroethene	20.0	19.7	99	80-120	
Chloroform	20.0	19.8	99	80-120	
2-Butanone	100	109	109	58-150	
1,2-Dichloroethane	20.0	19.1	96	75-132	
1,1,1-Trichloroethane	20.0	18.0	90	78-139	
Carbon tetrachloride	20.0	17.2	86	62-150	
Benzene	20.0	18.8	94	78-122	
Bromoform	20.0	17.9	90	47-150	
Styrene	20.0	18.5	93	80-120	
Ethylbenzene	20.0	17.1	85	80-120	
Chlorobenzene	20.0	18.6	93	80-120	
Cyclohexane	20.0	17.1	86	77-137	
Isopropylbenzene	20.0	17.1	86	80-120	
2-Hexanone	100	102	102	75-137	
MTBE	20.0	21.0	105	80-120	
Freon TF	20.0	17.1	86	83-136	
Methyl acetate	100	105	105	66-150	
1,4-Dioxane	400	502	126	80-128	
Trichloroethene	20.0	17.4	87	80-120	
Toluene	20.0	17.9	90	80-120	
trans-1,3-Dichloropropene	20.0	18.6	93	73-118	
4-Methyl-2-pentanone	100	98.5	98	81-121	
cis-1,3-Dichloropropene	20.0	18.9	95	75-118	
1,2-Dichlorobenzene	20.0	18.8	94	80-120	
1,3-Dichlorobenzene	20.0	18.8	94	80-120	
1,4-Dichlorobenzene	20.0	18.6	93	80-120	
1,2,4-Trichlorobenzene	20.0	18.8	94	77-116	
1,2,3-Trichlorobenzene	20.0	21.0	105	77-116	
1,2-Dichloropropane	20.0	18.9	94	77-124	
Methylcyclohexane	20.0	16.6	83	84-127	*
Tetrachloroethene	20.0	16.5	83	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46883.D

Lab ID: LCS 460-334331/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	35.2	88	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.0	95	63-131	
1,1,2,2-Tetrachloroethane	20.0	18.1	91	64-128	
1,1,2-Trichloroethane	20.0	18.7	93	76-118	
Dibromochloromethane	20.0	18.4	92	68-132	
1,2-Dibromoethane	20.0	18.6	93	80-120	
Dichlorodifluoromethane	20.0	17.7	88	73-122	
Bromochloromethane	20.0	20.6	103	73-132	
Bromodichloromethane	20.0	18.9	95	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46909.D

Lab ID: LCS 460-334450/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	19.9	100	73-130	
Bromomethane	20.0	21.9	109	74-125	
Vinyl chloride	20.0	20.4	102	77-130	
Chloroethane	20.0	26.9	134	63-143	
Methylene Chloride	20.0	20.3	102	80-120	
Acetone	100	125	125	66-150	
Carbon disulfide	20.0	20.9	105	82-127	
Trichlorofluoromethane	20.0	21.8	109	73-134	
1,1-Dichloroethene	20.0	21.0	105	80-120	
1,1-Dichloroethane	20.0	21.1	105	83-131	
trans-1,2-Dichloroethene	20.0	20.8	104	86-126	
cis-1,2-Dichloroethene	20.0	20.8	104	80-120	
Chloroform	20.0	20.2	101	80-120	
2-Butanone	100	112	112	58-150	
1,2-Dichloroethane	20.0	19.2	96	75-132	
1,1,1-Trichloroethane	20.0	21.1	105	78-139	
Carbon tetrachloride	20.0	21.0	105	62-150	
Benzene	20.0	19.7	98	78-122	
Bromoform	20.0	18.2	91	47-150	
Styrene	20.0	20.2	101	80-120	
Ethylbenzene	20.0	19.9	99	80-120	
Chlorobenzene	20.0	20.0	100	80-120	
Cyclohexane	20.0	22.7	113	77-137	
Isopropylbenzene	20.0	20.5	103	80-120	
2-Hexanone	100	110	110	75-137	
MTBE	20.0	20.9	104	80-120	
Freon TF	20.0	21.9	109	83-136	
Methyl acetate	100	102	102	66-150	
1,4-Dioxane	400	493	123	80-128	
Trichloroethene	20.0	20.2	101	80-120	
Toluene	20.0	19.8	99	80-120	
trans-1,3-Dichloropropene	20.0	19.2	96	73-118	
4-Methyl-2-pentanone	100	104	104	81-121	
cis-1,3-Dichloropropene	20.0	19.6	98	75-118	
1,2-Dichlorobenzene	20.0	19.7	98	80-120	
1,3-Dichlorobenzene	20.0	19.6	98	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	80-120	
1,2,4-Trichlorobenzene	20.0	19.8	99	77-116	
1,2,3-Trichlorobenzene	20.0	21.5	108	77-116	
1,2-Dichloropropane	20.0	19.8	99	77-124	
Methylcyclohexane	20.0	22.3	112	84-127	
Tetrachloroethene	20.0	20.1	101	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46909.D

Lab ID: LCS 460-334450/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.8	100	80-120	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	63-131	
1,1,2,2-Tetrachloroethane	20.0	18.6	93	64-128	
1,1,2-Trichloroethane	20.0	19.7	98	76-118	
Dibromochloromethane	20.0	19.2	96	68-132	
1,2-Dibromoethane	20.0	19.1	96	80-120	
Dichlorodifluoromethane	20.0	20.7	103	73-122	
Bromochloromethane	20.0	20.5	103	73-132	
Bromodichloromethane	20.0	19.6	98	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O03986.D

Lab ID: LCS 460-334459/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.3	82	45-150	
Bromomethane	20.0	19.8	99	10-150	
Vinyl chloride	20.0	15.9	79	53-142	
Chloroethane	20.0	18.6	93	40-150	
Methylene Chloride	20.0	19.2	96	80-126	
Acetone	100	85.5	86	19-150	
Carbon disulfide	20.0	21.5	108	69-131	
Trichlorofluoromethane	20.0	17.9	89	50-150	
1,1-Dichloroethene	20.0	19.9	99	67-133	
1,1-Dichloroethane	20.0	19.9	100	77-129	
trans-1,2-Dichloroethene	20.0	19.1	96	78-127	
cis-1,2-Dichloroethene	20.0	19.0	95	82-127	
Chloroform	20.0	19.7	99	81-127	
2-Butanone	100	92.5	93	56-150	
1,2-Dichloroethane	20.0	19.2	96	73-131	
1,1,1-Trichloroethane	20.0	20.1	100	76-131	
Carbon tetrachloride	20.0	20.4	102	71-138	
Benzene	20.0	19.9	100	76-125	
Bromoform	20.0	18.6	93	65-124	
Styrene	20.0	19.6	98	75-124	
Ethylbenzene	20.0	20.2	101	80-120	
Chlorobenzene	20.0	19.3	97	80-120	
Cyclohexane	20.0	18.5	93	51-147	
Isopropylbenzene	20.0	20.7	103	80-127	
2-Hexanone	100	99.2	99	64-150	
MTBE	20.0	19.7	98	78-129	
Freon TF	20.0	19.2	96	53-149	
Methyl acetate	100	93.0	93	63-150	
1,4-Dioxane	400	387	97	65-150	
Trichloroethene	20.0	19.6	98	77-127	
Toluene	20.0	19.8	99	80-120	
trans-1,3-Dichloropropene	20.0	19.7	98	69-125	
4-Methyl-2-pentanone	100	99.7	100	77-130	
cis-1,3-Dichloropropene	20.0	19.6	98	72-125	
1,2-Dichlorobenzene	20.0	19.4	97	80-121	
1,3-Dichlorobenzene	20.0	19.1	96	80-120	
1,4-Dichlorobenzene	20.0	18.9	94	79-120	
1,2,4-Trichlorobenzene	20.0	18.6	93	66-137	
1,2,3-Trichlorobenzene	20.0	18.7	93	64-142	
1,2-Dichloropropane	20.0	19.6	98	75-129	
Methylcyclohexane	20.0	17.9	89	52-142	
Tetrachloroethene	20.0	20.5	103	71-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O03986.D

Lab ID: LCS 460-334459/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	40.0	39.7	99	80-120	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	55-133	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	65-128	
1,1,2-Trichloroethane	20.0	20.2	101	77-122	
Dibromochloromethane	20.0	19.3	96	78-120	
1,2-Dibromoethane	20.0	19.9	99	80-120	
Dichlorodifluoromethane	20.0	14.6	73	32-150	
Bromochloromethane	20.0	20.3	101	71-137	
Bromodichloromethane	20.0	19.6	98	78-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89842.D

Lab ID: LCS 460-334629/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1060	106	63-138	
Bromomethane	1000	1030	103	66-145	
Vinyl chloride	1000	1030	103	69-139	
Chloroethane	1000	946	95	68-144	
Methylene Chloride	1000	1030	103	78-122	
Acetone	5000	4690	94	10-150	
Carbon disulfide	1000	1020	102	72-127	
Trichlorofluoromethane	1000	908	91	72-140	
1,1-Dichloroethene	1000	942	94	78-125	
1,1-Dichloroethane	1000	1060	106	78-123	
trans-1,2-Dichloroethene	1000	1000	100	79-123	
cis-1,2-Dichloroethene	1000	948	95	80-120	
Chloroform	1000	963	96	82-123	
2-Butanone	5000	4460	89	40-150	
1,2-Dichloroethane	1000	854	85	75-122	
1,1,1-Trichloroethane	1000	860	86	81-125	
Carbon tetrachloride	1000	912	91	77-136	
Benzene	1000	1010	101	77-121	
Bromoform	1000	965	97	68-124	
Styrene	1000	952	95	80-120	
Ethylbenzene	1000	975	98	80-120	
Chlorobenzene	1000	957	96	84-114	
Cyclohexane	1000	1000	100	64-128	
Isopropylbenzene	1000	978	98	81-124	
2-Hexanone	5000	4900	98	44-136	
MTBE	1000	958	96	77-121	
Freon TF	1000	990	99	69-135	
Methyl acetate	5000	5720	114	58-140	
1,4-Dioxane	20000	33600	168	65-145	*
Trichloroethene	1000	960	96	82-122	
Toluene	1000	1020	102	80-120	
trans-1,3-Dichloropropene	1000	978	98	74-121	
4-Methyl-2-pentanone	5000	4930	99	62-124	
cis-1,3-Dichloropropene	1000	1020	102	78-120	
1,2-Dichlorobenzene	1000	947	95	80-120	
1,3-Dichlorobenzene	1000	940	94	80-120	
1,4-Dichlorobenzene	1000	937	94	80-120	
1,2,4-Trichlorobenzene	1000	931	93	45-137	
1,2,3-Trichlorobenzene	1000	894	89	35-143	
1,2-Dichloropropane	1000	1080	108	76-124	
Methylcyclohexane	1000	934	93	55-133	
Tetrachloroethene	1000	1010	101	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89842.D

Lab ID: LCS 460-334629/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1890	94	80-120	
1,2-Dibromo-3-Chloropropane	1000	964	96	37-130	
1,1,2,2-Tetrachloroethane	1000	1050	105	59-130	
1,1,2-Trichloroethane	1000	1040	104	72-117	
Dibromochloromethane	1000	926	93	83-121	
1,2-Dibromoethane	1000	883	88	76-117	
Dichlorodifluoromethane	1000	884	88	51-145	
Bromochloromethane	1000	986	99	82-124	
Bromodichloromethane	1000	923	92	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89870.D

Lab ID: LCS 460-334781/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	1000	1030	103	63-138	
Bromomethane	1000	1000	100	66-145	
Vinyl chloride	1000	952	95	69-139	
Chloroethane	1000	956	96	68-144	
Methylene Chloride	1000	983	98	78-122	
Acetone	5000	4800	96	10-150	
Carbon disulfide	1000	945	94	72-127	
Trichlorofluoromethane	1000	841	84	72-140	
1,1-Dichloroethene	1000	911	91	78-125	
1,1-Dichloroethane	1000	964	96	78-123	
trans-1,2-Dichloroethene	1000	886	89	79-123	
cis-1,2-Dichloroethene	1000	937	94	80-120	
Chloroform	1000	932	93	82-123	
2-Butanone	5000	3930	79	40-150	
1,2-Dichloroethane	1000	835	84	75-122	
1,1,1-Trichloroethane	1000	821	82	81-125	
Carbon tetrachloride	1000	842	84	77-136	
Benzene	1000	967	97	77-121	
Bromoform	1000	898	90	68-124	
Styrene	1000	869	87	80-120	
Ethylbenzene	1000	865	87	80-120	
Chlorobenzene	1000	899	90	84-114	
Cyclohexane	1000	857	86	64-128	
Isopropylbenzene	1000	882	88	81-124	
2-Hexanone	5000	4720	94	44-136	
MTBE	1000	921	92	77-121	
Freon TF	1000	873	87	69-135	
Methyl acetate	5000	5520	110	58-140	
1,4-Dioxane	20000	33900	169	65-145	*
Trichloroethene	1000	957	96	82-122	
Toluene	1000	950	95	80-120	
trans-1,3-Dichloropropene	1000	977	98	74-121	
4-Methyl-2-pentanone	5000	4550	91	62-124	
cis-1,3-Dichloropropene	1000	984	98	78-120	
1,2-Dichlorobenzene	1000	860	86	80-120	
1,3-Dichlorobenzene	1000	857	86	80-120	
1,4-Dichlorobenzene	1000	868	87	80-120	
1,2,4-Trichlorobenzene	1000	897	90	45-137	
1,2,3-Trichlorobenzene	1000	820	82	35-143	
1,2-Dichloropropane	1000	1010	101	76-124	
Methylcyclohexane	1000	913	91	55-133	
Tetrachloroethene	1000	940	94	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89870.D

Lab ID: LCS 460-334781/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	2000	1760	88	80-120	
1,2-Dibromo-3-Chloropropane	1000	776	78	37-130	
1,1,2,2-Tetrachloroethane	1000	922	92	59-130	
1,1,2-Trichloroethane	1000	1010	101	72-117	
Dibromochloromethane	1000	913	91	83-121	
1,2-Dibromoethane	1000	922	92	76-117	
Dichlorodifluoromethane	1000	839	84	51-145	
Bromochloromethane	1000	978	98	82-124	
Bromodichloromethane	1000	902	90	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89702.D

Lab ID: LCSD 460-333935/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	951	95	2	30	63-138	
Bromomethane	1000	1020	102	3	30	66-145	
Vinyl chloride	1000	1010	101	2	30	69-139	
Chloroethane	1000	946	95	4	30	68-144	
Methylene Chloride	1000	1010	101	2	30	78-122	
Acetone	5000	4320	86	1	30	10-150	
Carbon disulfide	1000	1040	104	1	30	72-127	
Trichlorofluoromethane	1000	956	96	3	30	72-140	
1,1-Dichloroethene	1000	972	97	2	30	78-125	
1,1-Dichloroethane	1000	1050	105	1	30	78-123	
trans-1,2-Dichloroethene	1000	976	98	3	30	79-123	
cis-1,2-Dichloroethene	1000	950	95	0	30	80-120	
Chloroform	1000	940	94	2	30	82-123	
2-Butanone	5000	4390	88	4	30	40-150	
1,2-Dichloroethane	1000	841	84	0	30	75-122	
1,1,1-Trichloroethane	1000	868	87	5	30	81-125	
Carbon tetrachloride	1000	940	94	4	30	77-136	
Benzene	1000	1080	108	3	30	77-121	
Bromoform	1000	939	94	5	30	68-124	
Styrene	1000	957	96	1	30	80-120	
Ethylbenzene	1000	950	95	0	30	80-120	
Chlorobenzene	1000	975	97	2	30	84-114	
Cyclohexane	1000	1080	108	2	30	64-128	
Isopropylbenzene	1000	1010	101	6	30	81-124	
2-Hexanone	5000	5070	101	2	30	44-136	
MTBE	1000	958	96	4	30	77-121	
Freon TF	1000	1090	109	7	30	69-135	
Methyl acetate	5000	5220	104	1	30	58-140	
1,4-Dioxane	20000	29600	148	23	30	65-145	*
Trichloroethene	1000	924	92	5	30	82-122	
Toluene	1000	1040	104	1	30	80-120	
trans-1,3-Dichloropropene	1000	1060	106	6	30	74-121	
4-Methyl-2-pentanone	5000	5100	102	5	30	62-124	
cis-1,3-Dichloropropene	1000	1030	103	1	30	78-120	
1,2-Dichlorobenzene	1000	991	99	7	30	80-120	
1,3-Dichlorobenzene	1000	1010	101	5	30	80-120	
1,4-Dichlorobenzene	1000	989	99	4	30	80-120	
1,2,4-Trichlorobenzene	1000	997	100	3	30	45-137	
1,2,3-Trichlorobenzene	1000	1020	102	2	30	35-143	
1,2-Dichloropropane	1000	1030	103	5	30	76-124	
Methylcyclohexane	1000	1040	104	2	30	55-133	
Tetrachloroethene	1000	1040	104	0	30	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89702.D

Lab ID: LCSD 460-333935/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	1890	95	1	30	80-120	
1,2-Dibromo-3-Chloropropane	1000	935	94	7	30	37-130	
1,1,2,2-Tetrachloroethane	1000	1040	104	6	30	59-130	
1,1,2-Trichloroethane	1000	1050	105	3	30	72-117	
Dibromochloromethane	1000	934	93	3	30	83-121	
1,2-Dibromoethane	1000	948	95	3	30	76-117	
Dichlorodifluoromethane	1000	946	95	0	30	51-145	
Bromochloromethane	1000	959	96	2	30	82-124	
Bromodichloromethane	1000	906	91	4	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89731.D

Lab ID: LCSD 460-334020/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1000	1060	106	2	30	63-138	
Bromomethane	1000	1000	100	19	30	66-145	
Vinyl chloride	1000	1020	102	15	30	69-139	
Chloroethane	1000	991	99	13	30	68-144	
Methylene Chloride	1000	1000	100	17	30	78-122	
Acetone	5000	4400	88	11	30	10-150	
Carbon disulfide	1000	1010	101	13	30	72-127	
Trichlorofluoromethane	1000	950	95	18	30	72-140	
1,1-Dichloroethene	1000	983	98	12	30	78-125	
1,1-Dichloroethane	1000	1030	103	16	30	78-123	
trans-1,2-Dichloroethene	1000	915	91	19	30	79-123	
cis-1,2-Dichloroethene	1000	982	98	12	30	80-120	
Chloroform	1000	951	95	11	30	82-123	
2-Butanone	5000	3910	78	10	30	40-150	
1,2-Dichloroethane	1000	850	85	10	30	75-122	
1,1,1-Trichloroethane	1000	871	87	13	30	81-125	
Carbon tetrachloride	1000	907	91	13	30	77-136	
Benzene	1000	1030	103	15	30	77-121	
Bromoform	1000	934	93	19	30	68-124	
Styrene	1000	900	90	15	30	80-120	
Ethylbenzene	1000	895	90	16	30	80-120	
Chlorobenzene	1000	923	92	15	30	84-114	
Cyclohexane	1000	974	97	15	30	64-128	
Isopropylbenzene	1000	924	92	12	30	81-124	
2-Hexanone	5000	4970	99	7	30	44-136	
MTBE	1000	955	95	10	30	77-121	
Freon TF	1000	929	93	20	30	69-135	
Methyl acetate	5000	5310	106	15	30	58-140	
1,4-Dioxane	20000	40300	202	19	30	65-145	*
Trichloroethene	1000	938	94	12	30	82-122	
Toluene	1000	984	98	14	30	80-120	
trans-1,3-Dichloropropene	1000	995	100	14	30	74-121	
4-Methyl-2-pentanone	5000	4770	95	13	30	62-124	
cis-1,3-Dichloropropene	1000	1040	104	11	30	78-120	
1,2-Dichlorobenzene	1000	905	91	17	30	80-120	
1,3-Dichlorobenzene	1000	938	94	16	30	80-120	
1,4-Dichlorobenzene	1000	925	93	13	30	80-120	
1,2,4-Trichlorobenzene	1000	981	98	14	30	45-137	
1,2,3-Trichlorobenzene	1000	971	97	16	30	35-143	
1,2-Dichloropropane	1000	1020	102	13	30	76-124	
Methylcyclohexane	1000	931	93	16	30	55-133	
Tetrachloroethene	1000	939	94	14	30	71-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89731.D

Lab ID: LCSD 460-334020/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	2000	1820	91	13	30	80-120	
1,2-Dibromo-3-Chloropropane	1000	837	84	17	30	37-130	
1,1,2,2-Tetrachloroethane	1000	1040	104	15	30	59-130	
1,1,2-Trichloroethane	1000	974	97	20	30	72-117	
Dibromochloromethane	1000	947	95	14	30	83-121	
1,2-Dibromoethane	1000	921	92	11	30	76-117	
Dichlorodifluoromethane	1000	884	88	21	30	51-145	
Bromochloromethane	1000	934	93	12	30	82-124	
Bromodichloromethane	1000	886	89	17	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46833.D

Lab ID: LCSD 460-334049/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	20.8	104	2	30	73-130	
Bromomethane	20.0	20.4	102	2	30	74-125	
Vinyl chloride	20.0	20.3	102	1	30	77-130	
Chloroethane	20.0	22.3	111	3	30	63-143	
Methylene Chloride	20.0	20.3	102	0	30	80-120	
Acetone	100	126	126	19	30	66-150	
Carbon disulfide	20.0	20.2	101	8	30	82-127	
Trichlorofluoromethane	20.0	19.6	98	3	30	73-134	
1,1-Dichloroethene	20.0	20.0	100	11	30	80-120	
1,1-Dichloroethane	20.0	20.6	103	5	30	83-131	
trans-1,2-Dichloroethene	20.0	20.2	101	7	30	86-126	
cis-1,2-Dichloroethene	20.0	20.1	100	4	30	80-120	
Chloroform	20.0	20.3	102	5	30	80-120	
2-Butanone	100	112	112	7	30	58-150	
1,2-Dichloroethane	20.0	20.0	100	4	30	75-132	
1,1,1-Trichloroethane	20.0	19.4	97	8	30	78-139	
Carbon tetrachloride	20.0	19.5	98	11	30	62-150	
Benzene	20.0	20.1	100	6	30	78-122	
Bromoform	20.0	18.7	94	1	30	47-150	
Styrene	20.0	19.3	96	5	30	80-120	
Ethylbenzene	20.0	19.0	95	10	30	80-120	
Chlorobenzene	20.0	19.3	96	4	30	80-120	
Cyclohexane	20.0	20.4	102	11	30	77-137	
Isopropylbenzene	20.0	19.1	96	11	30	80-120	
2-Hexanone	100	105	105	7	30	75-137	
MTBE	20.0	20.9	104	2	30	80-120	
Freon TF	20.0	20.6	103	12	30	83-136	
Methyl acetate	100	110	110	4	30	66-150	
1,4-Dioxane	400	522	130	1	30	80-128	*
Trichloroethene	20.0	19.4	97	10	30	80-120	
Toluene	20.0	19.4	97	8	30	80-120	
trans-1,3-Dichloropropene	20.0	19.8	99	5	30	73-118	
4-Methyl-2-pentanone	100	99.5	100	2	30	81-121	
cis-1,3-Dichloropropene	20.0	20.2	101	5	30	75-118	
1,2-Dichlorobenzene	20.0	19.3	96	6	30	80-120	
1,3-Dichlorobenzene	20.0	19.6	98	6	30	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	6	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.4	97	8	30	77-116	
1,2,3-Trichlorobenzene	20.0	21.0	105	5	30	77-116	
1,2-Dichloropropane	20.0	19.6	98	5	30	77-124	
Methylcyclohexane	20.0	20.2	101	13	30	84-127	
Tetrachloroethene	20.0	19.1	96	11	30	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46833.D

Lab ID: LCSD 460-334049/5 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	37.8	95	8	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.1	96	3	30	63-131	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	4	30	64-128	
1,1,2-Trichloroethane	20.0	19.7	99	2	30	76-118	
Dibromochloromethane	20.0	19.3	97	4	30	68-132	
1,2-Dibromoethane	20.0	19.4	97	2	30	80-120	
Dichlorodifluoromethane	20.0	19.4	97	7	30	73-122	
Bromochloromethane	20.0	20.4	102	3	30	73-132	
Bromodichloromethane	20.0	19.6	98	5	30	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46884.D

Lab ID: LCSD 460-334331/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	22.8	114	5	30	73-130	
Bromomethane	20.0	20.2	101	2	30	74-125	
Vinyl chloride	20.0	22.1	110	11	30	77-130	
Chloroethane	20.0	23.2	116	4	30	63-143	
Methylene Chloride	20.0	21.2	106	2	30	80-120	
Acetone	100	117	117	2	30	66-150	
Carbon disulfide	20.0	21.5	108	14	30	82-127	
Trichlorofluoromethane	20.0	21.6	108	13	30	73-134	
1,1-Dichloroethene	20.0	21.2	106	17	30	80-120	
1,1-Dichloroethane	20.0	21.8	109	7	30	83-131	
trans-1,2-Dichloroethene	20.0	21.0	105	10	30	86-126	
cis-1,2-Dichloroethene	20.0	20.6	103	4	30	80-120	
Chloroform	20.0	21.1	105	6	30	80-120	
2-Butanone	100	111	111	2	30	58-150	
1,2-Dichloroethane	20.0	20.2	101	6	30	75-132	
1,1,1-Trichloroethane	20.0	21.1	106	16	30	78-139	
Carbon tetrachloride	20.0	21.1	106	21	30	62-150	
Benzene	20.0	20.5	103	9	30	78-122	
Bromoform	20.0	18.7	94	4	30	47-150	
Styrene	20.0	19.8	99	7	30	80-120	
Ethylbenzene	20.0	19.3	96	12	30	80-120	
Chlorobenzene	20.0	19.9	100	7	30	80-120	
Cyclohexane	20.0	22.5	112	27	30	77-137	
Isopropylbenzene	20.0	19.7	98	14	30	80-120	
2-Hexanone	100	106	106	4	30	75-137	
MTBE	20.0	21.5	107	2	30	80-120	
Freon TF	20.0	22.2	111	26	30	83-136	
Methyl acetate	100	111	111	5	30	66-150	
1,4-Dioxane	400	565	141	12	30	80-128	*
Trichloroethene	20.0	20.3	101	15	30	80-120	
Toluene	20.0	19.9	100	11	30	80-120	
trans-1,3-Dichloropropene	20.0	19.7	99	6	30	73-118	
4-Methyl-2-pentanone	100	101	101	3	30	81-121	
cis-1,3-Dichloropropene	20.0	19.6	98	4	30	75-118	
1,2-Dichlorobenzene	20.0	20.0	100	6	30	80-120	
1,3-Dichlorobenzene	20.0	20.3	101	8	30	80-120	
1,4-Dichlorobenzene	20.0	20.2	101	8	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.5	97	4	30	77-116	
1,2,3-Trichlorobenzene	20.0	21.6	108	3	30	77-116	
1,2-Dichloropropane	20.0	20.2	101	7	30	77-124	
Methylcyclohexane	20.0	21.8	109	28	30	84-127	
Tetrachloroethene	20.0	20.0	100	19	30	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46884.D

Lab ID: LCSD 460-334331/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	39.0	98	10	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	19.6	98	3	30	63-131	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	7	30	64-128	
1,1,2-Trichloroethane	20.0	19.8	99	6	30	76-118	
Dibromochloromethane	20.0	19.4	97	6	30	68-132	
1,2-Dibromoethane	20.0	19.5	98	5	30	80-120	
Dichlorodifluoromethane	20.0	21.0	105	17	30	73-122	
Bromochloromethane	20.0	21.2	106	3	30	73-132	
Bromodichloromethane	20.0	19.8	99	5	30	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46910.D

Lab ID: LCSD 460-334450/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.6	93	7	30	73-130	
Bromomethane	20.0	21.3	106	3	30	74-125	
Vinyl chloride	20.0	19.3	97	6	30	77-130	
Chloroethane	20.0	22.4	112	18	30	63-143	
Methylene Chloride	20.0	20.6	103	1	30	80-120	
Acetone	100	122	122	3	30	66-150	
Carbon disulfide	20.0	21.1	105	1	30	82-127	
Trichlorofluoromethane	20.0	20.7	103	5	30	73-134	
1,1-Dichloroethene	20.0	20.9	105	0	30	80-120	
1,1-Dichloroethane	20.0	21.1	105	0	30	83-131	
trans-1,2-Dichloroethene	20.0	20.9	104	1	30	86-126	
cis-1,2-Dichloroethene	20.0	20.7	103	0	30	80-120	
Chloroform	20.0	20.6	103	2	30	80-120	
2-Butanone	100	112	112	0	30	58-150	
1,2-Dichloroethane	20.0	19.0	95	1	30	75-132	
1,1,1-Trichloroethane	20.0	20.8	104	1	30	78-139	
Carbon tetrachloride	20.0	20.7	103	2	30	62-150	
Benzene	20.0	20.1	101	2	30	78-122	
Bromoform	20.0	18.5	93	2	30	47-150	
Styrene	20.0	20.1	100	1	30	80-120	
Ethylbenzene	20.0	19.8	99	0	30	80-120	
Chlorobenzene	20.0	19.9	99	1	30	80-120	
Cyclohexane	20.0	22.5	113	1	30	77-137	
Isopropylbenzene	20.0	20.5	103	0	30	80-120	
2-Hexanone	100	108	108	2	30	75-137	
MTBE	20.0	21.1	106	1	30	80-120	
Freon TF	20.0	22.4	112	2	30	83-136	
Methyl acetate	100	101	101	2	30	66-150	
1,4-Dioxane	400	483	121	2	30	80-128	
Trichloroethene	20.0	20.0	100	1	30	80-120	
Toluene	20.0	19.9	99	1	30	80-120	
trans-1,3-Dichloropropene	20.0	19.4	97	1	30	73-118	
4-Methyl-2-pentanone	100	103	103	1	30	81-121	
cis-1,3-Dichloropropene	20.0	19.6	98	0	30	75-118	
1,2-Dichlorobenzene	20.0	19.9	99	1	30	80-120	
1,3-Dichlorobenzene	20.0	20.2	101	3	30	80-120	
1,4-Dichlorobenzene	20.0	20.1	100	1	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.2	101	2	30	77-116	
1,2,3-Trichlorobenzene	20.0	21.6	108	0	30	77-116	
1,2-Dichloropropane	20.0	20.1	100	1	30	77-124	
Methylcyclohexane	20.0	22.3	112	0	30	84-127	
Tetrachloroethene	20.0	20.6	103	2	30	68-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K46910.D

Lab ID: LCSD 460-334450/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	40.1	100	1	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	18.4	92	1	30	63-131	
1,1,2,2-Tetrachloroethane	20.0	18.9	95	2	30	64-128	
1,1,2-Trichloroethane	20.0	19.4	97	1	30	76-118	
Dibromochloromethane	20.0	19.4	97	1	30	68-132	
1,2-Dibromoethane	20.0	19.5	98	2	30	80-120	
Dichlorodifluoromethane	20.0	20.4	102	1	30	73-122	
Bromochloromethane	20.0	20.8	104	1	30	73-132	
Bromodichloromethane	20.0	19.8	99	1	30	76-130	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O03987.D

Lab ID: LCSD 460-334459/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	16.7	83	2	30	45-150	
Bromomethane	20.0	20.0	100	1	30	10-150	
Vinyl chloride	20.0	16.9	84	6	30	53-142	
Chloroethane	20.0	18.7	94	1	30	40-150	
Methylene Chloride	20.0	19.8	99	3	30	80-126	
Acetone	100	85.7	86	0	30	19-150	
Carbon disulfide	20.0	21.1	105	2	30	69-131	
Trichlorofluoromethane	20.0	18.0	90	0	30	50-150	
1,1-Dichloroethene	20.0	20.4	102	3	30	67-133	
1,1-Dichloroethane	20.0	20.4	102	2	30	77-129	
trans-1,2-Dichloroethene	20.0	19.7	98	3	30	78-127	
cis-1,2-Dichloroethene	20.0	19.7	98	3	30	82-127	
Chloroform	20.0	20.5	102	4	30	81-127	
2-Butanone	100	94.1	94	2	30	56-150	
1,2-Dichloroethane	20.0	19.8	99	3	30	73-131	
1,1,1-Trichloroethane	20.0	20.9	104	4	30	76-131	
Carbon tetrachloride	20.0	21.2	106	4	30	71-138	
Benzene	20.0	20.1	100	1	30	76-125	
Bromoform	20.0	19.1	96	3	30	65-124	
Styrene	20.0	19.9	99	1	30	75-124	
Ethylbenzene	20.0	20.3	102	1	30	80-120	
Chlorobenzene	20.0	19.8	99	3	30	80-120	
Cyclohexane	20.0	19.1	95	3	30	51-147	
Isopropylbenzene	20.0	20.6	103	0	30	80-127	
2-Hexanone	100	102	102	3	30	64-150	
MTBE	20.0	20.6	103	5	30	78-129	
Freon TF	20.0	19.2	96	0	30	53-149	
Methyl acetate	100	88.0	88	6	30	63-150	
1,4-Dioxane	400	385	96	0	30	65-150	
Trichloroethene	20.0	20.3	101	3	30	77-127	
Toluene	20.0	20.1	101	2	30	80-120	
trans-1,3-Dichloropropene	20.0	19.6	98	0	30	69-125	
4-Methyl-2-pentanone	100	103	103	3	30	77-130	
cis-1,3-Dichloropropene	20.0	19.6	98	0	30	72-125	
1,2-Dichlorobenzene	20.0	19.7	98	2	30	80-121	
1,3-Dichlorobenzene	20.0	19.1	96	0	30	80-120	
1,4-Dichlorobenzene	20.0	19.2	96	2	30	79-120	
1,2,4-Trichlorobenzene	20.0	18.9	95	2	30	66-137	
1,2,3-Trichlorobenzene	20.0	19.2	96	3	30	64-142	
1,2-Dichloropropane	20.0	20.3	102	4	30	75-129	
Methylcyclohexane	20.0	18.5	93	4	30	52-142	
Tetrachloroethene	20.0	20.4	102	0	30	71-132	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O03987.D

Lab ID: LCSD 460-334459/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	40.0	40.1	100	1	30	80-120	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	6	30	55-133	
1,1,2,2-Tetrachloroethane	20.0	21.3	106	5	30	65-128	
1,1,2-Trichloroethane	20.0	20.2	101	0	30	77-122	
Dibromochloromethane	20.0	19.5	97	1	30	78-120	
1,2-Dibromoethane	20.0	20.2	101	1	30	80-120	
Dichlorodifluoromethane	20.0	15.3	77	4	30	32-150	
Bromochloromethane	20.0	21.0	105	3	30	71-137	
Bromodichloromethane	20.0	20.4	102	4	30	78-127	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89892.D

Lab ID: 460-103960-A-7-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	2000	22 U	2110	106	63-138	
Bromomethane	2000	18 U	2000	100	66-145	
Vinyl chloride	2000	20 U	1920	96	69-139	
Chloroethane	2000	37 U	1780	89	68-144	
Methylene Chloride	2000	150	1980	92	78-122	
Acetone	10000	110 U	9260	93	10-150	
Carbon disulfide	2000	22 U	1690	84	72-127	
Trichlorofluoromethane	2000	15 U	1700	85	72-140	
1,1-Dichloroethene	2000	34 U	1680	84	78-125	
1,1-Dichloroethane	2000	24 U	1950	97	78-123	
trans-1,2-Dichloroethene	2000	18 U	1730	86	79-123	
cis-1,2-Dichloroethene	2000	470	2200	86	80-120	
Chloroform	2000	110	1820	86	82-123	
2-Butanone	10000	220 U	7400	74	40-150	
1,2-Dichloroethane	2000	37 J	1590	78	75-122	
1,1,1-Trichloroethane	2000	180	1540	68	81-125	F1
Carbon tetrachloride	2000	33 U	1560	78	77-136	
Benzene	2000	19 U	1920	96	77-121	
Bromoform	2000	18 U	1660	83	68-124	
Styrene	2000	17 U	1780	89	80-120	
Ethylbenzene	2000	30 U	1790	89	80-120	
Chlorobenzene	2000	36 J	1800	88	84-114	
Cyclohexane	2000	26 U	1610	80	64-128	
Isopropylbenzene	2000	32 U	1750	88	81-124	
2-Hexanone	10000	72 U	8640	86	44-136	
MTBE	2000	13 U	1740	87	77-121	
Freon TF	2000	34 U	1370	68	69-135	F1
Methyl acetate	10000	58 U	11300	113	58-140	
1,4-Dioxane	40000	870 U	38500	96	65-145	
Trichloroethene	2000	620	2370	88	82-122	
Toluene	2000	210	2030	91	80-120	
trans-1,3-Dichloropropene	2000	19 U	1750	88	74-121	
4-Methyl-2-pentanone	10000	63 U	8630	86	62-124	
cis-1,3-Dichloropropene	2000	16 U	1780	89	78-120	
1,2-Dichlorobenzene	2000	70 J	1810	87	80-120	
1,3-Dichlorobenzene	2000	33 U	1720	86	80-120	
1,4-Dichlorobenzene	2000	33 U	1750	87	80-120	
1,2,4-Trichlorobenzene	2000	27 U	1620	81	45-137	
1,2,3-Trichlorobenzene	2000	35 U	1500	75	35-143	
1,2-Dichloropropane	2000	18 U	1950	97	76-124	
Methylcyclohexane	2000	22 U	1490	74	55-133	
Tetrachloroethene	2000	6000	6790	40	71-133	F1

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89892.D

Lab ID: 460-103960-A-7-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	4000	86 J	3600	88	80-120	
1,2-Dibromo-3-Chloropropane	2000	23 U	1530	76	37-130	
1,1,2,2-Tetrachloroethane	2000	19 U	1750	87	59-130	
1,1,2-Trichloroethane	2000	8.0 U	2080	104	72-117	
Dibromochloromethane	2000	22 U	1710	85	83-121	
1,2-Dibromoethane	2000	19 U	1800	90	76-117	
Dichlorodifluoromethane	2000	14 U	1600	80	51-145	
Bromochloromethane	2000	30 U	1710	86	82-124	
Bromodichloromethane	2000	15 U	1620	81	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89893.D

Lab ID: 460-103960-A-7-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	2000	2290	115	8	30	63-138	
Bromomethane	2000	2170	108	8	30	66-145	
Vinyl chloride	2000	2090	104	9	30	69-139	
Chloroethane	2000	1960	98	10	30	68-144	
Methylene Chloride	2000	2150	100	8	30	78-122	
Acetone	10000	9760	98	5	30	10-150	
Carbon disulfide	2000	1960	98	15	30	72-127	
Trichlorofluoromethane	2000	1900	95	11	30	72-140	
1,1-Dichloroethene	2000	1940	97	15	30	78-125	
1,1-Dichloroethane	2000	2080	104	7	30	78-123	
trans-1,2-Dichloroethene	2000	1960	98	13	30	79-123	
cis-1,2-Dichloroethene	2000	2350	94	7	30	80-120	
Chloroform	2000	2040	96	11	30	82-123	
2-Butanone	10000	8760	88	17	30	40-150	
1,2-Dichloroethane	2000	1710	83	7	30	75-122	
1,1,1-Trichloroethane	2000	1810	82	16	30	81-125	
Carbon tetrachloride	2000	1820	91	15	30	77-136	
Benzene	2000	2100	105	9	30	77-121	
Bromoform	2000	1880	94	12	30	68-124	
Styrene	2000	1890	94	6	30	80-120	
Ethylbenzene	2000	1890	95	6	30	80-120	
Chlorobenzene	2000	1900	93	6	30	84-114	
Cyclohexane	2000	1760	88	9	30	64-128	
Isopropylbenzene	2000	1970	98	12	30	81-124	
2-Hexanone	10000	9480	95	9	30	44-136	
MTBE	2000	1940	97	11	30	77-121	
Freon TF	2000	1850	92	30	30	69-135	
Methyl acetate	10000	12600	126	11	30	58-140	
1,4-Dioxane	40000	71000	178	59	30	65-145	F1 F2
Trichloroethene	2000	2540	96	7	30	82-122	
Toluene	2000	2210	100	8	30	80-120	
trans-1,3-Dichloropropene	2000	1860	93	6	30	74-121	
4-Methyl-2-pentanone	10000	8890	89	3	30	62-124	
cis-1,3-Dichloropropene	2000	1980	99	11	30	78-120	
1,2-Dichlorobenzene	2000	1980	96	9	30	80-120	
1,3-Dichlorobenzene	2000	2000	100	15	30	80-120	
1,4-Dichlorobenzene	2000	1960	98	11	30	80-120	
1,2,4-Trichlorobenzene	2000	1970	98	19	30	45-137	
1,2,3-Trichlorobenzene	2000	1850	92	21	30	35-143	
1,2-Dichloropropane	2000	2050	103	5	30	76-124	
Methylcyclohexane	2000	1930	96	26	30	55-133	
Tetrachloroethene	2000	7360	68	8	30	71-133	F1

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: B89893.D

Lab ID: 460-103960-A-7-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	4000	3770	92	5	30	80-120	
1,2-Dibromo-3-Chloropropane	2000	1950	97	24	30	37-130	
1,1,2,2-Tetrachloroethane	2000	1880	94	7	30	59-130	
1,1,2-Trichloroethane	2000	2250	112	8	30	72-117	
Dibromochloromethane	2000	1830	92	7	30	83-121	
1,2-Dibromoethane	2000	1890	94	5	30	76-117	
Dichlorodifluoromethane	2000	1850	93	14	30	51-145	
Bromochloromethane	2000	2020	101	17	30	82-124	
Bromodichloromethane	2000	1820	91	12	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89705.D Lab Sample ID: MB 460-333935/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/08/2015 10:06

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 460-333935/3	B89701.D	11/08/2015 08:10
	LCSD 460-333935/4	B89702.D	11/08/2015 08:34
PMP-5-NW2-12.75	460-104096-15	B89719.D	11/08/2015 15:42
PMP-7-NW2-DV	460-104096-20	B89720.D	11/08/2015 16:06
PMP-7-NW2-5.25	460-104096-21	B89721.D	11/08/2015 16:29
PMP-5-NW2-WT	460-104096-13	B89722.D	11/08/2015 16:53
PMP-24-NW2-12.75	460-104096-11	B89723.D	11/08/2015 17:17
PMP-24-NW2-S	460-104096-10	B89724.D	11/08/2015 17:40
PMP-24-NW2-3.75	460-104096-7	B89725.D	11/08/2015 18:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89734.D Lab Sample ID: MB 460-334020/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/09/2015 12:51

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334020/3	B89730.D	11/09/2015 11:01
	LCSD 460-334020/4	B89731.D	11/09/2015 11:28
PMP-9-NW2-WT	460-104096-26	B89737.D	11/09/2015 14:03
PMP-7-NW2-WT	460-104096-22	B89741.D	11/09/2015 15:38
PMP-7-NW2-S	460-104096-23	B89742.D	11/09/2015 16:02
PMP-24-NW2-WT	460-104096-9	B89746.D	11/09/2015 17:37
PMP-24-NW2-DV	460-104096-8	B89747.D	11/09/2015 18:01

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89844.D Lab Sample ID: MB 460-334629/7

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/11/2015 11:32

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 460-334629/5	B89842.D	11/11/2015 10:25
PMP-5-NW2-S	460-104096-14	B89850.D	11/11/2015 13:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89873.D Lab Sample ID: MB 460-334781/6

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: CVOAMS2 Date Analyzed: 11/11/2015 23:35

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 460-334781/3	B89870.D	11/11/2015 22:22
	460-103960-A-7-A MS	B89892.D	11/12/2015 07:47
	460-103960-A-7-A MSD	B89893.D	11/12/2015 08:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46835.D Lab Sample ID: MB 460-334049/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 11/09/2015 13:13

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 460-334049/4	K46832.D	11/09/2015 11:40
	LCSD 460-334049/5	K46833.D	11/09/2015 12:06
PRA-25 E-1.75	460-104096-29	K46850.D	11/09/2015 19:45
PRA-25 EE-1.75	460-104096-31	K46851.D	11/09/2015 20:11
PRA-25 EE-3.75	460-104096-32	K46852.D	11/09/2015 20:37
PRA-6 SE-1.75	460-104096-33	K46853.D	11/09/2015 21:03
PRA-5 SE-3.75	460-104096-34	K46854.D	11/09/2015 21:29

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46886.D Lab Sample ID: MB 460-334331/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 11/10/2015 11:46

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 460-334331/3	K46883.D	11/10/2015 10:26
	LCSD 460-334331/4	K46884.D	11/10/2015 10:53
Trip Blank	460-104096-38	K46888.D	11/10/2015 12:39
PMP-7-NW2-12.75	460-104096-24	K46902.D	11/10/2015 18:46
PRA-2 NW-3.75	460-104096-35	K46904.D	11/10/2015 19:39

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46912.D Lab Sample ID: MB 460-334450/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 11/10/2015 23:58

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334450/3	K46909.D	11/10/2015 22:28
	LCSD 460-334450/4	K46910.D	11/10/2015 22:54
PRA-25 E-3.75	460-104096-30	K46913.D	11/11/2015 00:37

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: O03990.D Lab Sample ID: MB 460-334459/7

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 11/10/2015 23:00

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334459/3	O03986.D	11/10/2015 21:09
	LCSD 460-334459/4	O03987.D	11/10/2015 21:37
FB_20151105	460-104096-37	O03993.D	11/11/2015 00:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: O03938.D BFB Injection Date: 11/09/2015

Instrument ID: CVOAMS12 BFB Injection Time: 13:24

Analysis Batch No.: 334105

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	50.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.5	
175	5.0 - 9.0 % of mass 174	6.4	(7.9)1
176	95.0 - 101.0 % of mass 174	78.3	(96.1)1
177	5.0 - 9.0 % of mass 176	5.7	(7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-334105/3	O03940.D	11/09/2015	14:17
	STD20 460-334105/6	O03943.D	11/09/2015	15:39
	STD50 460-334105/7	O03944.D	11/09/2015	16:07
	STD200 460-334105/8	O03945.D	11/09/2015	16:34
	STD500 460-334105/9	O03946.D	11/09/2015	17:02
	STD5 460-334105/16	O03953.D	11/09/2015	21:13
	STD1 460-334105/17	O03954.D	11/09/2015	21:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: O03984.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS12 BFB Injection Time: 20:07

Analysis Batch No.: 334459

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	50.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	76.8	
175	5.0 - 9.0 % of mass 174	5.7	(7.5)1
176	95.0 - 101.0 % of mass 174	74.4	(96.8)1
177	5.0 - 9.0 % of mass 176	5.3	(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 460-334459/2	O03985.D	11/10/2015	20:36
	LCS 460-334459/3	O03986.D	11/10/2015	21:09
	LCSD 460-334459/4	O03987.D	11/10/2015	21:37
	MB 460-334459/7	O03990.D	11/10/2015	23:00
FB_20151105	460-104096-37	O03993.D	11/11/2015	00:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89350.D BFB Injection Date: 10/31/2015

Instrument ID: CVOAMS2 BFB Injection Time: 13:01

Analysis Batch No.: 332444

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.0	
75	30.0 - 60.0 % of mass 95	43.7	
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	1.0	(0.9)1
174	50.0 - 120.00 % of mass 95	117.7	
175	5.0 - 9.0 % of mass 174	6.9	(5.8)1
176	95.0 - 101.0 % of mass 174	112.1	(95.3)1
177	5.0 - 9.0 % of mass 176	7.2	(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
	STD7 460-332444/2	B89351.D	10/31/2015	13:26
	STD1 460-332444/3	B89352.D	10/31/2015	13:49
	STD5 460-332444/4	B89353.D	10/31/2015	14:13
	STD20 460-332444/5	B89354.D	10/31/2015	14:37
	STD50 460-332444/6	B89355.D	10/31/2015	15:01
	STD200 460-332444/7	B89356.D	10/31/2015	15:25
	STD500 460-332444/8	B89357.D	10/31/2015	15:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89699.D BFB Injection Date: 11/08/2015

Instrument ID: CVOAMS2 BFB Injection Time: 07:22

Analysis Batch No.: 333935

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	44.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.7	
173	Less than 2.0 % of mass 174	1.1	(1.0)1
174	50.0 - 120.00 % of mass 95	112.3	
175	5.0 - 9.0 % of mass 174	9.8	(8.7)1
176	95.0 - 101.0 % of mass 174	112.1	(99.8)1
177	5.0 - 9.0 % of mass 176	7.4	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-333935/2	B89700.D	11/08/2015	07:46
	LCS 460-333935/3	B89701.D	11/08/2015	08:10
	LCSD 460-333935/4	B89702.D	11/08/2015	08:34
	MB 460-333935/7	B89705.D	11/08/2015	10:06
PMP-5-NW2-12.75	460-104096-15	B89719.D	11/08/2015	15:42
PMP-7-NW2-DV	460-104096-20	B89720.D	11/08/2015	16:06
PMP-7-NW2-5.25	460-104096-21	B89721.D	11/08/2015	16:29
PMP-5-NW2-WT	460-104096-13	B89722.D	11/08/2015	16:53
PMP-24-NW2-12.75	460-104096-11	B89723.D	11/08/2015	17:17
PMP-24-NW2-S	460-104096-10	B89724.D	11/08/2015	17:40
PMP-24-NW2-3.75	460-104096-7	B89725.D	11/08/2015	18:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89728.D BFB Injection Date: 11/09/2015

Instrument ID: CVOAMS2 BFB Injection Time: 10:11

Analysis Batch No.: 334020

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	1.1	(1.1)1
174	50.0 - 120.00 % of mass 95	104.6	
175	5.0 - 9.0 % of mass 174	7.8	(7.5)1
176	95.0 - 101.0 % of mass 174	101.8	(97.4)1
177	5.0 - 9.0 % of mass 176	6.7	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334020/2	B89729.D	11/09/2015	10:37
	LCS 460-334020/3	B89730.D	11/09/2015	11:01
	LCSD 460-334020/4	B89731.D	11/09/2015	11:28
	MB 460-334020/7	B89734.D	11/09/2015	12:51
PMP-9-NW2-WT	460-104096-26	B89737.D	11/09/2015	14:03
PMP-7-NW2-WT	460-104096-22	B89741.D	11/09/2015	15:38
PMP-7-NW2-S	460-104096-23	B89742.D	11/09/2015	16:02
PMP-24-NW2-WT	460-104096-9	B89746.D	11/09/2015	17:37
PMP-24-NW2-DV	460-104096-8	B89747.D	11/09/2015	18:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89838.D BFB Injection Date: 11/11/2015

Instrument ID: CVOAMS2 BFB Injection Time: 08:48

Analysis Batch No.: 334629

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	44.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.8	
173	Less than 2.0 % of mass 174	0.9	(0.8)1
174	50.0 - 120.00 % of mass 95	112.4	
175	5.0 - 9.0 % of mass 174	8.5	(7.6)1
176	95.0 - 101.0 % of mass 174	109.0	(97.0)1
177	5.0 - 9.0 % of mass 176	7.3	(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 460-334629/3	B89840.D	11/11/2015	09:36
	LCS 460-334629/5	B89842.D	11/11/2015	10:25
	MB 460-334629/7	B89844.D	11/11/2015	11:32
PMP-5-NW2-S	460-104096-14	B89850.D	11/11/2015	13:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: B89868.D BFB Injection Date: 11/11/2015

Instrument ID: CVOAMS2 BFB Injection Time: 21:30

Analysis Batch No.: 334781

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	41.4	
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	0.5	(0.5)1
174	50.0 - 120.00 % of mass 95	101.3	
175	5.0 - 9.0 % of mass 174	8.1	(8.0)1
176	95.0 - 101.0 % of mass 174	96.8	(95.5)1
177	5.0 - 9.0 % of mass 176	7.3	(7.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334781/2	B89869.D	11/11/2015	21:58
	LCS 460-334781/3	B89870.D	11/11/2015	22:22
	MB 460-334781/6	B89873.D	11/11/2015	23:35
	460-103960-A-7-A MS	B89892.D	11/12/2015	07:47
	460-103960-A-7-A MSD	B89893.D	11/12/2015	08:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46727.D BFB Injection Date: 11/06/2015

Instrument ID: CVOAMS9 BFB Injection Time: 05:31

Analysis Batch No.: 333587

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	49.1	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.3	
175	5.0 - 9.0 % of mass 174	6.1	(7.6)1
176	95.0 - 101.0 % of mass 174	79.0	(97.2)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
	STD1 460-333587/3	K46729.D	11/06/2015	06:23
	STD5 460-333587/4	K46730.D	11/06/2015	06:49
	STD20 460-333587/5	K46731.D	11/06/2015	07:15
	STD50 460-333587/6	K46732.D	11/06/2015	07:41
	STD200 460-333587/7	K46733.D	11/06/2015	08:07
	STD500 460-333587/8	K46734.D	11/06/2015	08:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46829.D BFB Injection Date: 11/09/2015

Instrument ID: CVOAMS9 BFB Injection Time: 09:51

Analysis Batch No.: 334049

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	6.5	(7.8)1
176	95.0 - 101.0 % of mass 174	80.8	(97.6)1
177	5.0 - 9.0 % of mass 176	5.3	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334049/3	K46831.D	11/09/2015	10:47
	LCS 460-334049/4	K46832.D	11/09/2015	11:40
	LCSD 460-334049/5	K46833.D	11/09/2015	12:06
	MB 460-334049/7	K46835.D	11/09/2015	13:13
PRA-25 E-1.75	460-104096-29	K46850.D	11/09/2015	19:45
PRA-25 EE-1.75	460-104096-31	K46851.D	11/09/2015	20:11
PRA-25 EE-3.75	460-104096-32	K46852.D	11/09/2015	20:37
PRA-6 SE-1.75	460-104096-33	K46853.D	11/09/2015	21:03
PRA-5 SE-3.75	460-104096-34	K46854.D	11/09/2015	21:29

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46881.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS9 BFB Injection Time: 09:26

Analysis Batch No.: 334331

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.6	
75	30.0 - 60.0 % of mass 95	50.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.4	
175	5.0 - 9.0 % of mass 174	6.0	(7.8)1
176	95.0 - 101.0 % of mass 174	74.1	(95.7)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
	CCVIS 460-334331/2	K46882.D	11/10/2015	10:00
	LCS 460-334331/3	K46883.D	11/10/2015	10:26
	LCSD 460-334331/4	K46884.D	11/10/2015	10:53
	MB 460-334331/6	K46886.D	11/10/2015	11:46
Trip Blank	460-104096-38	K46888.D	11/10/2015	12:39
PMP-7-NW2-12.75	460-104096-24	K46902.D	11/10/2015	18:46
PRA-2 NW-3.75	460-104096-35	K46904.D	11/10/2015	19:39

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: K46907.D BFB Injection Date: 11/10/2015

Instrument ID: CVOAMS9 BFB Injection Time: 21:24

Analysis Batch No.: 334450

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.2	(0.3)1
174	50.0 - 120.00 % of mass 95	81.9	
175	5.0 - 9.0 % of mass 174	6.9	(8.4)1
176	95.0 - 101.0 % of mass 174	79.2	(96.7)1
177	5.0 - 9.0 % of mass 176	5.3	(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 460-334450/2	K46908.D	11/10/2015	22:00
	LCS 460-334450/3	K46909.D	11/10/2015	22:28
	LCSD 460-334450/4	K46910.D	11/10/2015	22:54
	MB 460-334450/6	K46912.D	11/10/2015	23:58
PRA-25 E-3.75	460-104096-30	K46913.D	11/11/2015	00:37

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334459/2 Date Analyzed: 11/10/2015 20:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O03985.D Heated Purge: (Y/N) N

Calibration ID: 53189

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		349224	2.21	355682	3.09	495670	4.17
UPPER LIMIT		698448	2.71	711364	3.59	991340	4.67
LOWER LIMIT		174612	1.71	177841	2.59	247835	3.67
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334459/3		340594	2.21	359692	3.10	500571	4.17
LCSD 460-334459/4		374759	2.21	371117	3.09	481353	4.17
MB 460-334459/7		342438	2.21	353714	3.09	477430	4.17
460-104096-37	FB_20151105	355449	2.21	348810	3.09	462484	4.17

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334459/2 Date Analyzed: 11/10/2015 20:36

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O03985.D Heated Purge: (Y/N) N

Calibration ID: 53189

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		40222	4.88	408036	7.88	219758	11.56
UPPER LIMIT		80444	5.38	816072	8.38	439516	12.06
LOWER LIMIT		20111	4.38	204018	7.38	109879	11.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334459/3		39657	4.89	401454	7.88	217459	11.56
LCSD 460-334459/4		41408	4.89	400748	7.88	215526	11.56
MB 460-334459/7		39874	4.89	395219	7.88	210115	11.56
460-104096-37	FB_20151105	38743	4.89	382213	7.88	204116	11.56

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333935/2 Date Analyzed: 11/08/2015 07:46

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89700.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		216581	2.60	200528	3.68	518610	4.88
UPPER LIMIT		433162	3.10	401056	4.18	1037220	5.38
LOWER LIMIT		108291	2.10	100264	3.18	259305	4.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-333935/3		157154	2.59	169647	3.67	441740	4.88
LCSD 460-333935/4		140686	2.59	153066	3.67	421082	4.88
MB 460-333935/7		141245	2.59	158650	3.67	420956	4.88
460-104096-15	PMP-5-NW2-12.75	129202	2.61	123944	3.67	341105	4.88
460-104096-20	PMP-7-NW2-DV	141488	2.61	165066	3.68	433581	4.88
460-104096-21	PMP-7-NW2-5.25	146561	2.60	155354	3.68	423215	4.88
460-104096-13	PMP-5-NW2-WT	160229	2.62	169674	3.68	432576	4.88
460-104096-11	PMP-24-NW2-12.75	168452	2.61	172629	3.68	461792	4.88
460-104096-10	PMP-24-NW2-S	163743	2.61	168805	3.68	441043	4.88
460-104096-7	PMP-24-NW2-3.75	154769	2.61	159151	3.68	431888	4.88

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333935/2 Date Analyzed: 11/08/2015 07:46

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89700.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		21120	5.72	433690	8.49	266545	10.57
UPPER LIMIT		42240	6.22	867380	8.99	533090	11.07
LOWER LIMIT		10560	5.22	216845	7.99	133273	10.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-333935/3		19462	5.72	378264	8.49	230205	10.57
LCSD 460-333935/4		19059	5.73	360279	8.49	218429	10.57
MB 460-333935/7		16106	5.72	365601	8.49	217034	10.57
460-104096-15	PMP-5-NW2-12.75	15211	5.74	290746	8.49	183344	10.57
460-104096-20	PMP-7-NW2-DV	14860	5.74	382796	8.49	255610	10.57
460-104096-21	PMP-7-NW2-5.25	16767	5.73	364007	8.49	220810	10.57
460-104096-13	PMP-5-NW2-WT	16881	5.73	369566	8.49	243818	10.57
460-104096-11	PMP-24-NW2-12.75	17825	5.73	399715	8.49	233967	10.57
460-104096-10	PMP-24-NW2-S	18909	5.74	389789	8.49	250171	10.57
460-104096-7	PMP-24-NW2-3.75	17919	5.73	376408	8.49	241039	10.57

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334020/2 Date Analyzed: 11/09/2015 10:37

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89729.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		152325	2.58	163579	3.66	432483	4.87
UPPER LIMIT		304650	3.08	327158	4.16	864966	5.37
LOWER LIMIT		76163	2.08	81790	3.16	216242	4.37
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334020/3		140169	2.61	153855	3.67	386814	4.88
LCSD 460-334020/4		150825	2.59	170295	3.66	435093	4.87
MB 460-334020/7		141525	2.58	154483	3.67	418734	4.87
460-104096-26	PMP-9-NW2-WT	136313	2.61	156756	3.68	436799	4.88
460-104096-22	PMP-7-NW2-WT	140582	2.61	157107	3.67	428489	4.88
460-104096-23	PMP-7-NW2-S	132653	2.61	148825	3.67	413501	4.87
460-104096-9	PMP-24-NW2-WT	140992	2.58	158976	3.67	444130	4.88
460-104096-8	PMP-24-NW2-DV	153397	2.61	172527	3.68	472581	4.89

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334020/2 Date Analyzed: 11/09/2015 10:37

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89729.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16689	5.70	366438	8.48	243419	10.57
UPPER LIMIT		33378	6.20	732876	8.98	486838	11.07
LOWER LIMIT		8345	5.20	183219	7.98	121710	10.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334020/3		16253	5.73	326642	8.49	192340	10.57
LCSD 460-334020/4		16757	5.71	376967	8.49	224503	10.57
MB 460-334020/7		15065	5.73	362173	8.49	208604	10.57
460-104096-26	PMP-9-NW2-WT	16104	5.73	372859	8.49	224885	10.57
460-104096-22	PMP-7-NW2-WT	16318	5.74	370851	8.49	225357	10.57
460-104096-23	PMP-7-NW2-S	14847	5.73	357393	8.49	238361	10.57
460-104096-9	PMP-24-NW2-WT	15838	5.74	381821	8.49	226877	10.57
460-104096-8	PMP-24-NW2-DV	16416	5.73	404743	8.49	233971	10.57

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334629/3 Date Analyzed: 11/11/2015 09:36

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89840.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		171867	2.62	200349	3.70	529038	4.90
UPPER LIMIT		343734	3.12	400698	4.20	1058076	5.40
LOWER LIMIT		85934	2.12	100175	3.20	264519	4.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334629/5		195706	2.62	206826	3.69	514200	4.90
MB 460-334629/7		168936	2.60	173485	3.69	471509	4.90
460-104096-14	PMP-5-NW2-S	149217	2.62	133921	3.69	418384	4.90

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334629/3 Date Analyzed: 11/11/2015 09:36

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89840.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16428	5.75	460335	8.51	294486	10.59
UPPER LIMIT		32856	6.25	920670	9.01	588972	11.09
LOWER LIMIT		8214	5.25	230168	8.01	147243	10.09
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334629/5		19454	5.74	443223	8.51	275146	10.58
MB 460-334629/7		16575	5.75	406177	8.51	254575	10.58
460-104096-14	PMP-5-NW2-S	18929	5.78	348522	8.51	227938	10.59

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334781/2 Date Analyzed: 11/11/2015 21:58

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89869.D Heated Purge: (Y/N) N

Calibration ID: 53039

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		152227	2.61	191212	3.69	525528	4.90
UPPER LIMIT		304454	3.11	382424	4.19	1051056	5.40
LOWER LIMIT		76114	2.11	95606	3.19	262764	4.40
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334781/3		187124	2.62	207741	3.69	502258	4.90
MB 460-334781/6		186148	2.61	187796	3.68	450467	4.90
460-103960-A-7-A MS		211469	2.63	223894	3.69	531542	4.90
460-103960-A-7-A MSD		216154	2.63	222644	3.69	514810	4.90

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334781/2 Date Analyzed: 11/11/2015 21:58

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): B89869.D Heated Purge: (Y/N) N

Calibration ID: 53039

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		18142	5.74	449792	8.50	284136	10.58
UPPER LIMIT		36284	6.24	899584	9.00	568272	11.08
LOWER LIMIT		9071	5.24	224896	8.00	142068	10.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334781/3		19683	5.74	453507	8.51	287562	10.58
MB 460-334781/6		19356	5.74	400729	8.50	246464	10.58
460-103960-A-7-A MS		19825	5.74	454330	8.51	288408	10.58
460-103960-A-7-A MSD		20574	5.76	440590	8.51	267498	10.58

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334049/3 Date Analyzed: 11/09/2015 10:47

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46831.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		258822	3.28	222898	4.37	404137	5.50
UPPER LIMIT		517644	3.78	445796	4.87	808274	6.00
LOWER LIMIT		129411	2.78	111449	3.87	202069	5.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334049/4		258735	3.29	235745	4.38	426325	5.50
LCSD 460-334049/5		298186	3.29	261363	4.38	449620	5.50
MB 460-334049/7		296645	3.29	252154	4.38	398822	5.50
460-104096-29	PRA-25 E-1.75	345698	3.29	284697	4.38	453348	5.50
460-104096-31	PRA-25 EE-1.75	320943	3.30	277456	4.39	456853	5.50
460-104096-32	PRA-25 EE-3.75	313971	3.29	287672	4.38	467420	5.50
460-104096-33	PRA-6 SE-1.75	355628	3.29	302749	4.38	473544	5.50
460-104096-34	PRA-5 SE-3.75	338346	3.30	289798	4.38	458974	5.50

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334049/3 Date Analyzed: 11/09/2015 10:47

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46831.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22532	6.20	278204	8.98	148711	11.05
UPPER LIMIT		45064	6.70	556408	9.48	297422	11.55
LOWER LIMIT		11266	5.70	139102	8.48	74356	10.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334049/4		21782	6.20	288990	8.98	153482	11.06
LCSD 460-334049/5		24078	6.20	304911	8.99	160429	11.05
MB 460-334049/7		23295	6.20	263749	8.98	141379	11.06
460-104096-29	PRA-25 E-1.75	23718	6.20	309750	8.98	171519	11.05
460-104096-31	PRA-25 EE-1.75	20573	6.20	304097	8.99	172583	11.06
460-104096-32	PRA-25 EE-3.75	20268	6.20	320984	8.98	171916	11.06
460-104096-33	PRA-6 SE-1.75	26192	6.20	323894	8.98	172900	11.06
460-104096-34	PRA-5 SE-3.75	22972	6.21	307851	8.99	168226	11.06

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334331/2 Date Analyzed: 11/10/2015 10:00

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46882.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		290183	3.30	250705	4.38	431871	5.50
UPPER LIMIT		580366	3.80	501410	4.88	863742	6.00
LOWER LIMIT		145092	2.80	125353	3.88	215936	5.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334331/3		256918	3.29	216822	4.38	410404	5.50
LCSD 460-334331/4		275451	3.29	239605	4.38	420976	5.50
MB 460-334331/6		257262	3.29	212775	4.38	389111	5.50
460-104096-38	Trip Blank	256561	3.29	216585	4.38	387965	5.50
460-104096-24	PMP-7-NW2-12.75	282383	3.29	243663	4.38	410769	5.50
460-104096-35	PRA-2 NW-3.75	360764	3.29	300916	4.38	435195	5.50

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334331/2 Date Analyzed: 11/10/2015 10:00

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46882.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23836	6.20	294786	8.98	156163	11.06
UPPER LIMIT		47672	6.70	589572	9.48	312326	11.56
LOWER LIMIT		11918	5.70	147393	8.48	78082	10.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334331/3		21928	6.20	277815	8.98	149017	11.06
LCSD 460-334331/4		21343	6.20	288005	8.98	149801	11.06
MB 460-334331/6		19497	6.20	257075	8.98	139289	11.06
460-104096-38	Trip Blank	18761	6.20	262881	8.98	138670	11.06
460-104096-24	PMP-7-NW2-12.75	22058	6.19	301039	8.98	176225	11.06
460-104096-35	PRA-2 NW-3.75	24730	6.21	311436	8.98	195233	11.06

DXE = 1,4-Dioxane-d8
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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334450/2 Date Analyzed: 11/10/2015 22:00

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46908.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		TBA		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		309573	3.29	253133	4.38	459638	5.50
UPPER LIMIT		619146	3.79	506266	4.88	919276	6.00
LOWER LIMIT		154787	2.79	126567	3.88	229819	5.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334450/3		302953	3.29	254707	4.38	464074	5.50
LCSD 460-334450/4		295213	3.29	249907	4.38	463288	5.50
MB 460-334450/6		327655	3.31	252847	4.39	442029	5.50
460-104096-30	PRA-25 E-3.75	330381	3.29	278152	4.38	443913	5.50

TBA = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

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 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334450/2 Date Analyzed: 11/10/2015 22:00

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K46908.D Heated Purge: (Y/N) Y

Calibration ID: 53162

		DXE		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26613	6.20	328849	8.98	179670	11.06
UPPER LIMIT		53226	6.70	657698	9.48	359340	11.56
LOWER LIMIT		13307	5.70	164425	8.48	89835	10.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334450/3		24897	6.20	326834	8.98	174131	11.05
LCSD 460-334450/4		25478	6.20	322463	8.98	168929	11.05
MB 460-334450/6		23175	6.20	304155	8.99	172522	11.06
460-104096-30	PRA-25 E-3.75	21407	6.20	300133	8.99	162596	11.06

DXE = 1,4-Dioxane-d8
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 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: B89725.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:48

Sample wt/vol: 3.831(g) | Date Analyzed: 11/08/2015 18:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	32	U	140	32
74-83-9	Bromomethane	26	U	140	26
75-01-4	Vinyl chloride	29	U	140	29
75-00-3	Chloroethane	53	U	140	53
75-09-2	Methylene Chloride	30	U	140	30
67-64-1	Acetone	150	U	720	150
75-15-0	Carbon disulfide	32	U	140	32
75-69-4	Trichlorofluoromethane	22	U	140	22
75-35-4	1,1-Dichloroethene	49	U	140	49
75-34-3	1,1-Dichloroethane	35	U	140	35
156-60-5	trans-1,2-Dichloroethene	26	U	140	26
156-59-2	cis-1,2-Dichloroethene	340		140	37
67-66-3	Chloroform	40	J	140	32
78-93-3	2-Butanone	320	U	720	320
107-06-2	1,2-Dichloroethane	36	U	140	36
71-55-6	1,1,1-Trichloroethane	40	U	140	40
56-23-5	Carbon tetrachloride	48	U	140	48
71-43-2	Benzene	27	U	140	27
75-25-2	Bromoform	26	U	140	26
100-42-5	Styrene	24	U	140	24
100-41-4	Ethylbenzene	43	U	140	43
108-90-7	Chlorobenzene	450		140	35
110-82-7	Cyclohexane	37	U	140	37
98-82-8	Isopropylbenzene	46	U	140	46
591-78-6	2-Hexanone	100	U	720	100
1634-04-4	MTBE	19	U	140	19
76-13-1	Freon TF	49	U	140	49
79-20-9	Methyl acetate	84	U	720	84
123-91-1	1,4-Dioxane	1300	U *	3600	1300
79-01-6	Trichloroethene	5700		140	32
108-88-3	Toluene	150		140	36
10061-02-6	trans-1,3-Dichloropropene	27	U	140	27
108-10-1	4-Methyl-2-pentanone	91	U	720	91
10061-01-5	cis-1,3-Dichloropropene	23	U	140	23
95-50-1	1,2-Dichlorobenzene	1700		140	32
541-73-1	1,3-Dichlorobenzene	48	U	140	48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: B89725.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:48

Sample wt/vol: 3.831(g) | Date Analyzed: 11/08/2015 18:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	48	U	140	48
120-82-1	1,2,4-Trichlorobenzene	19000		140	39
87-61-6	1,2,3-Trichlorobenzene	3900		140	50
78-87-5	1,2-Dichloropropane	26	U	140	26
108-87-2	Methylcyclohexane	200		140	32
127-18-4	Tetrachloroethene	970		140	52
1330-20-7	Xylenes, Total	1900		290	40
96-12-8	1,2-Dibromo-3-Chloropropane	33	U	140	33
79-34-5	1,1,2,2-Tetrachloroethane	27	U	140	27
79-00-5	1,1,2-Trichloroethane	12	U	140	12
124-48-1	Dibromochloromethane	32	U	140	32
106-93-4	1,2-Dibromoethane	27	U	140	27
75-71-8	Dichlorodifluoromethane	20	U	140	20
74-97-5	Bromochloromethane	43	U	140	43
75-27-4	Bromodichloromethane	22	U	140	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		69-145
2037-26-5	Toluene-d8 (Surr)	101		72-136
460-00-4	Bromofluorobenzene	96		64-131
1868-53-7	Dibromofluoromethane (Surr)	103		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: B89725.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:48

Sample wt/vol: 3.831(g) | Date Analyzed: 11/08/2015 18:04

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 55800

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.79	7900	J
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.06	3500	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.29	5700	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.46	7300	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.78	4300	J N
1008-80-6	Naphthalene, decahydro-2,3-dimethyl-	11.87	8400	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.06	3800	J N
67652-84-0	3,5-Octadiene, 4,5-diethyl-	12.25	4000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	7000	J N
90-12-0	Naphthalene, 1-methyl-	13.48	3900	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Lims ID: 460-104096-A-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 08-Nov-2015 18:04:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-7-A
Misc. Info.: 460-0033958-027
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:52:24 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:38:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.608	2.599	0.009	85	154769	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	159151	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	96	7162	2.35	
48 Chloroform	83	4.023	4.023	0.000	42	1262	0.2782	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	93	113016	51.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	95	108296	48.4	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	431888	50.0	
64 Trichloroethene	95	5.290	5.290	0.000	97	96587	39.6	
66 Methylcyclohexane	83	5.414	5.414	0.000	1	2902	1.41	M
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	93	17919	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	372376	50.4	
81 Toluene	91	6.945	6.944	0.001	90	9801	1.03	
85 Tetrachloroethene	166	7.554	7.553	0.001	88	17468	6.77	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	376408	50.0	
92 Chlorobenzene	112	8.517	8.516	0.000	94	22092	3.11	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	8661	1.95	
96 o-Xylene	106	9.101	9.101	0.000	96	51113	11.2	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	154293	48.0	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	92	241039	50.0	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	98	70355	11.8	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	477115	131.3	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	94	90842	27.1	M
S 135 Xylenes, Total	100				0		13.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Lims ID: 460-104096-A-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 08-Nov-2015 18:04:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-7-A
Misc. Info.: 460-0033958-027
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:52:24 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:38:57

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
10.788	2744819	54.7	119					
	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-						
11.059	1213472	24.2	119	91	14406	C10H14	134	
	2958-76-1	Naphthalene, decahydro-2-methyl-						
11.290	1991580	39.7	119	96	24328	C11H20	152	
	2958-76-1	Naphthalene, decahydro-2-methyl-						
11.455	2539326	50.6	119	86	24328	C11H20	152	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-						
11.784	1502151	29.9	119	95	14361	C10H14	134	
	1008-80-6	Naphthalene, decahydro-2,3-dimethyl-						
11.874	2914387	58.0	119	89	33331	C12H22	166	
	2050-24-0	Benzene, 1,3-diethyl-5-methyl-						
12.055	1341212	26.7	119	92	21819	C11H16	148	
	67652-84-0	3,5-Octadiene, 4,5-diethyl-						
12.253	1383613	27.6	119	89	33311	C12H22	166	
	91-57-6	Naphthalene, 2-methyl-						
13.290	2442265	48.6	119	96	18501	C11H10	142	I
	90-12-0	Naphthalene, 1-methyl-						
13.479	1361593	27.1	119	93	18499	C11H10	142	I

Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	2510335	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

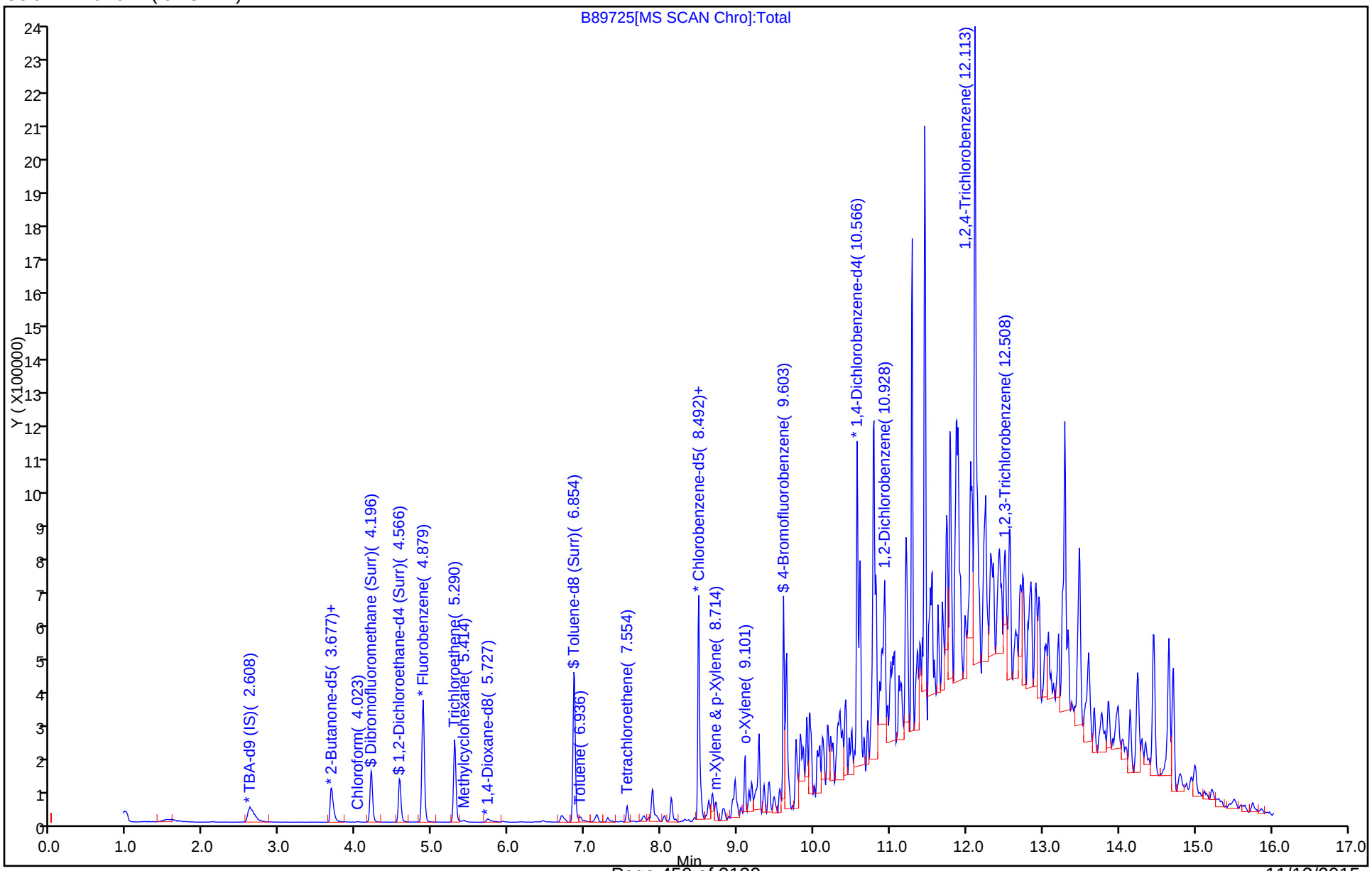
Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7	Worklist Smp#:	27
Client ID:	PMP-24-NW2-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	26
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

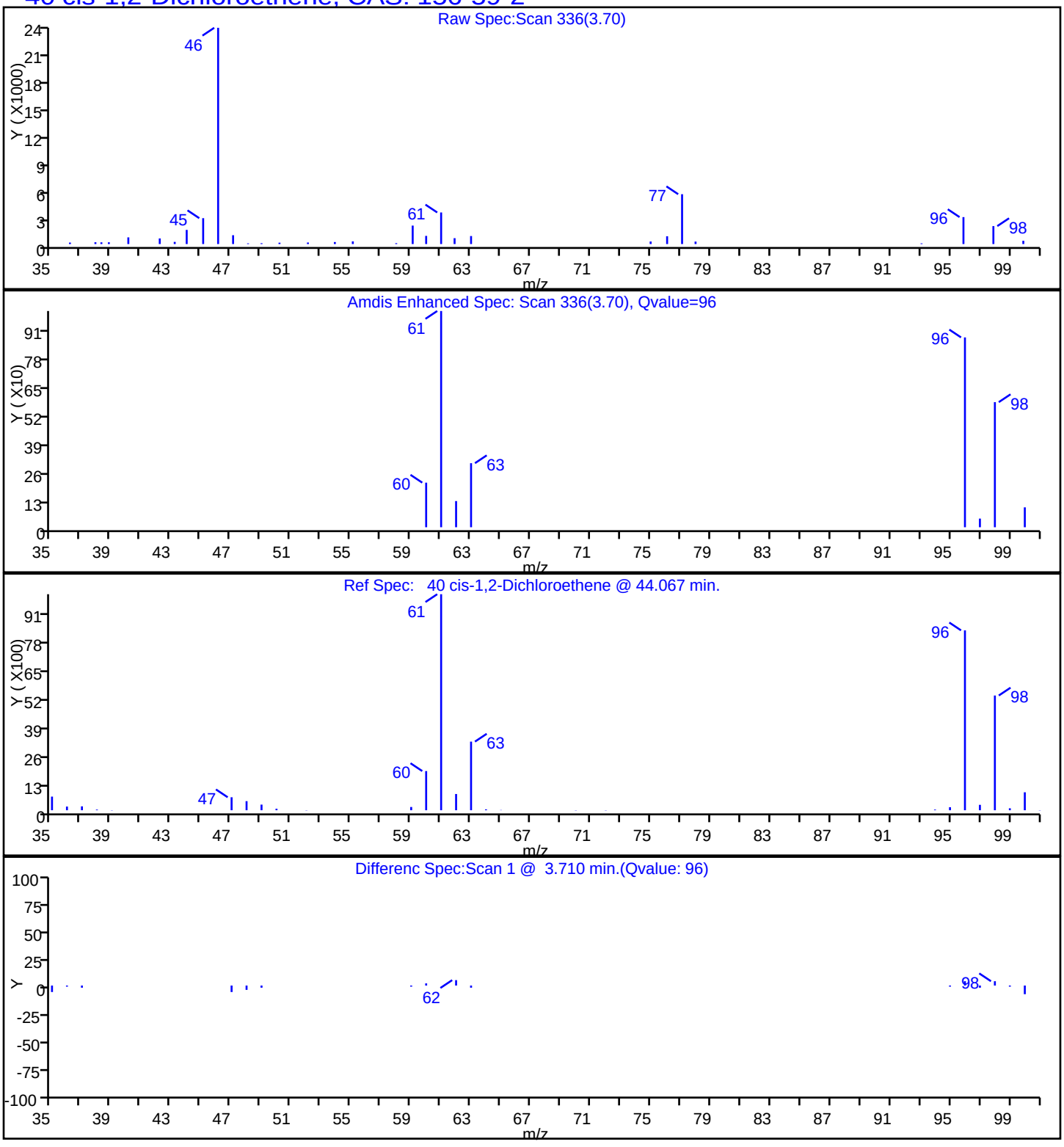
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

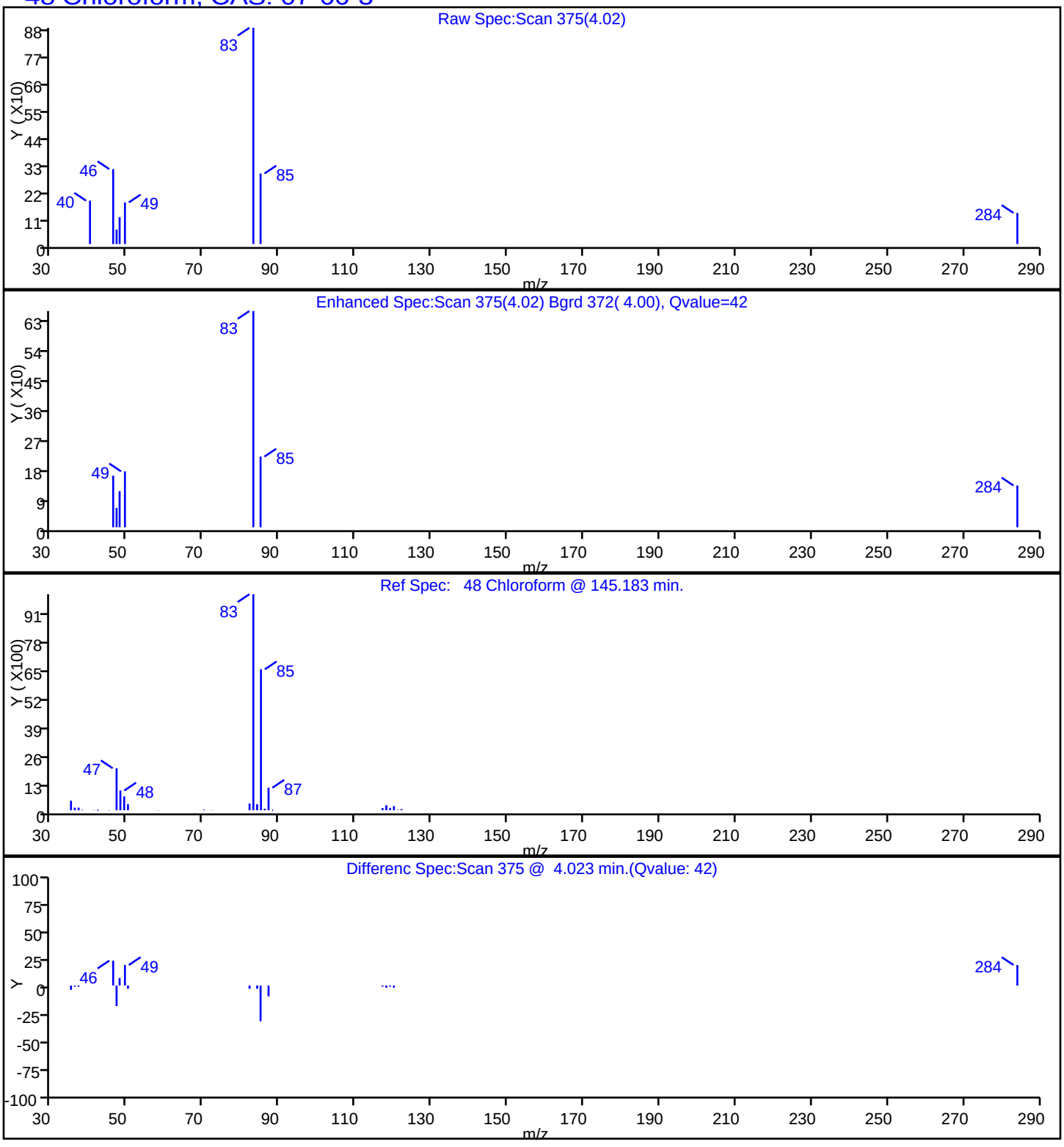
40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D				
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

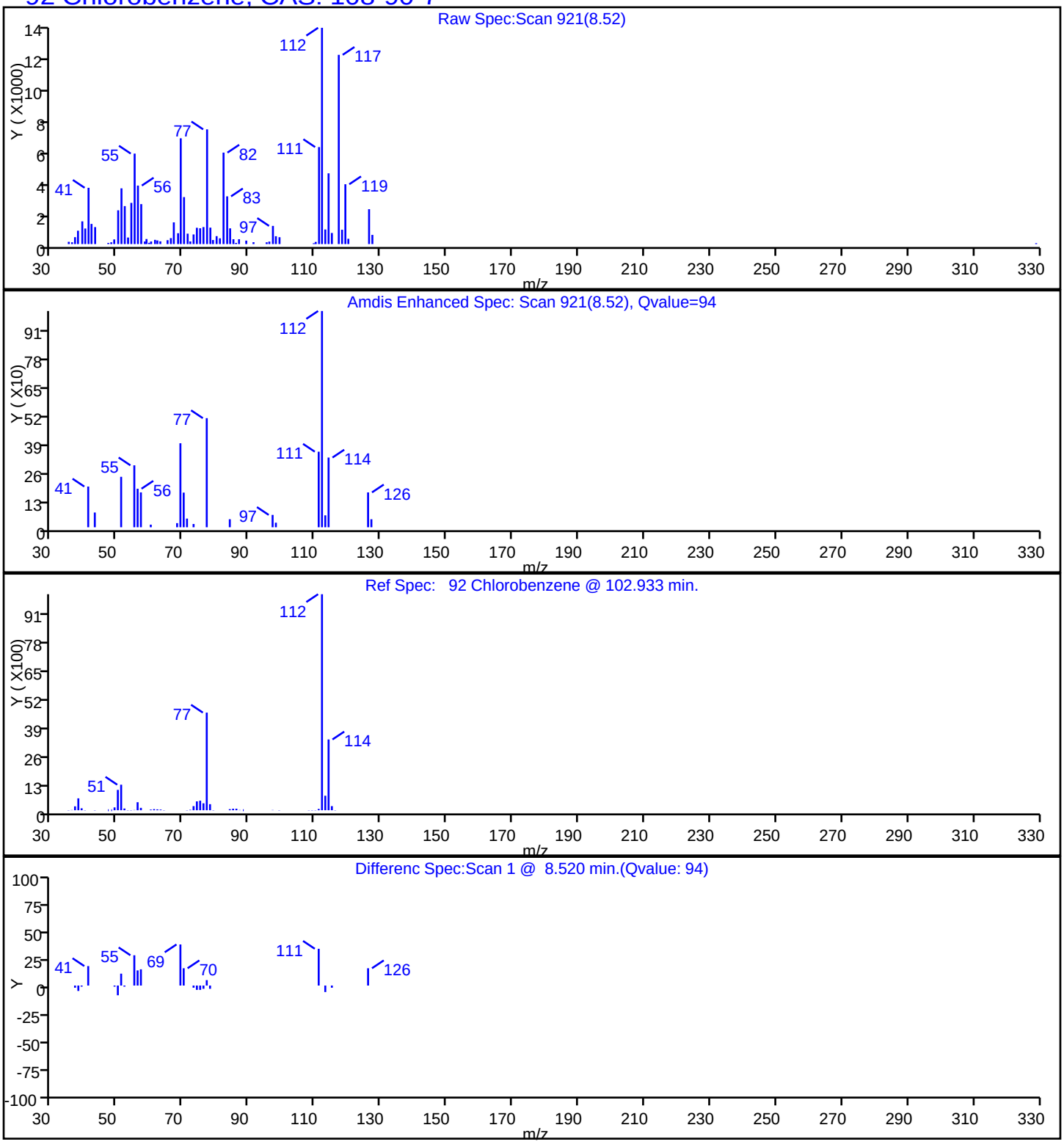
48 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

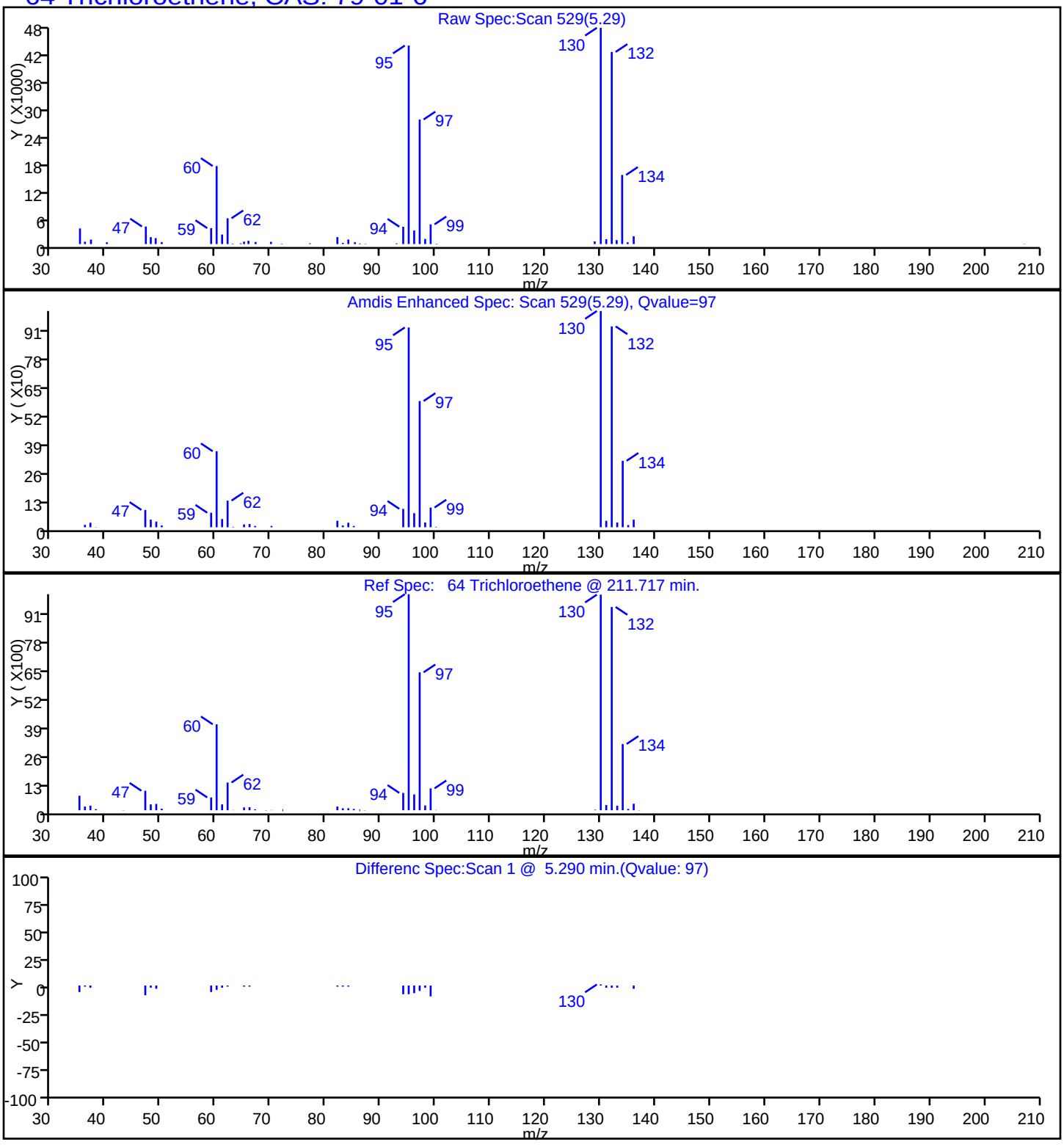
92 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D				
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6



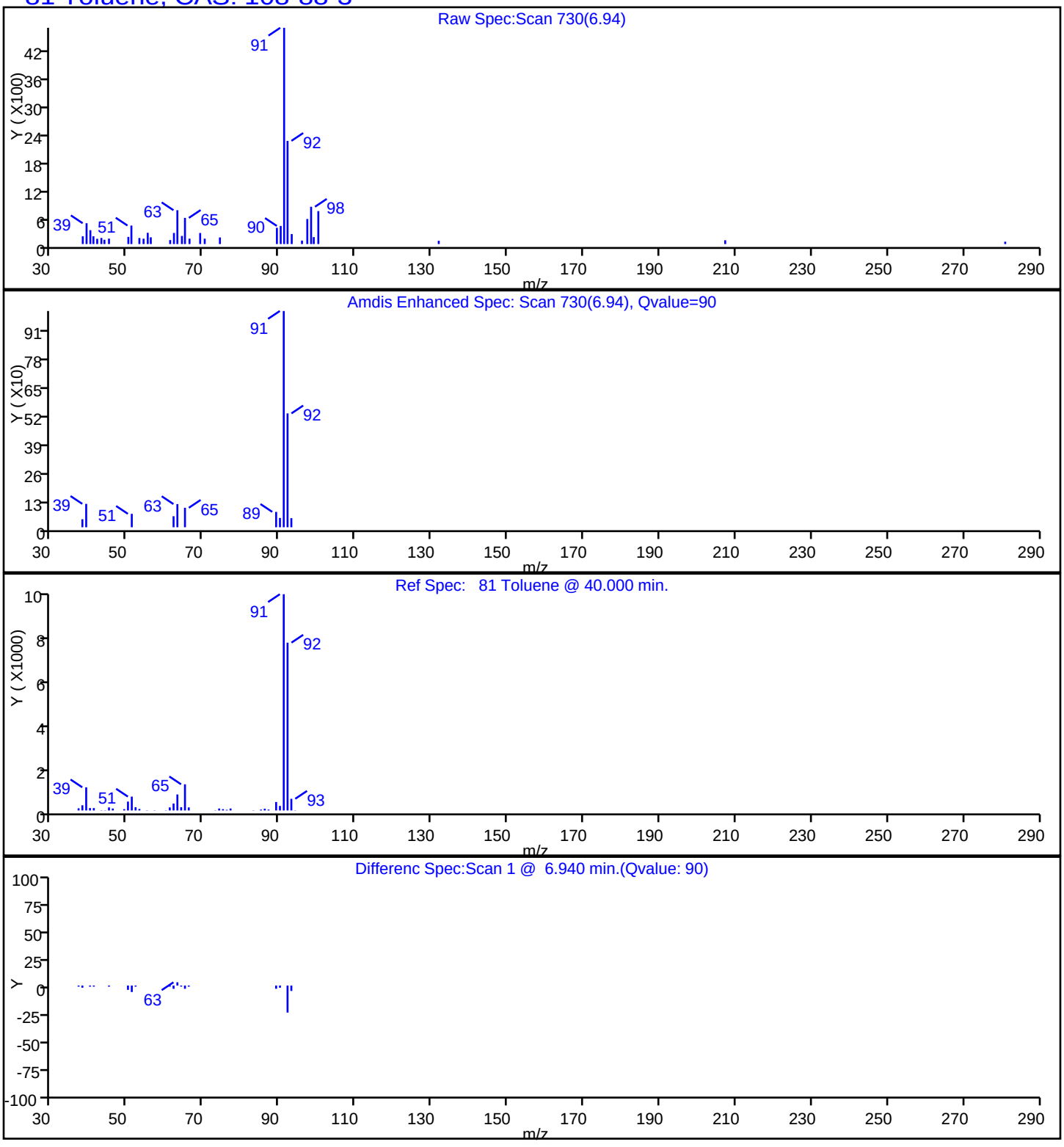
Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

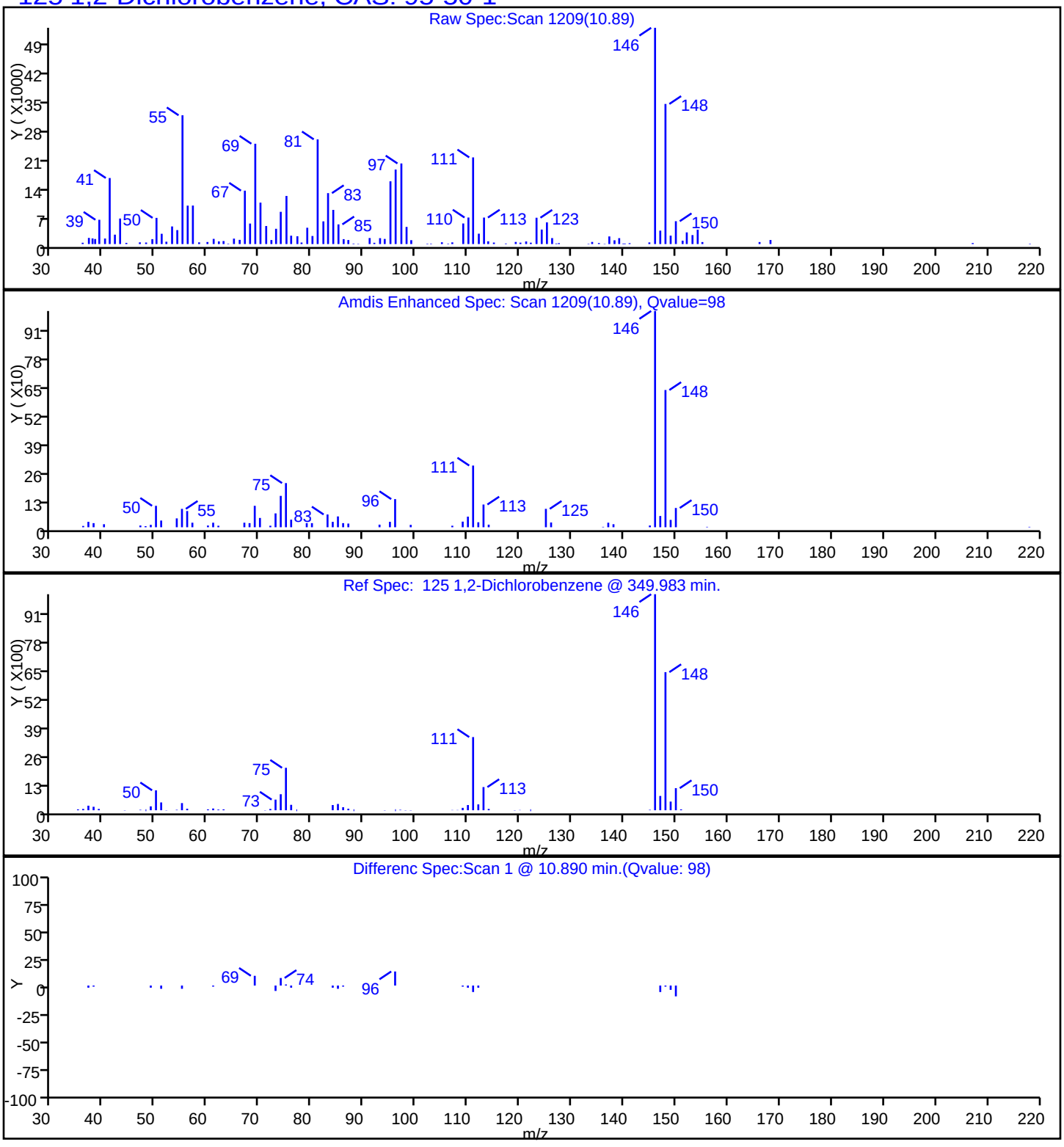
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

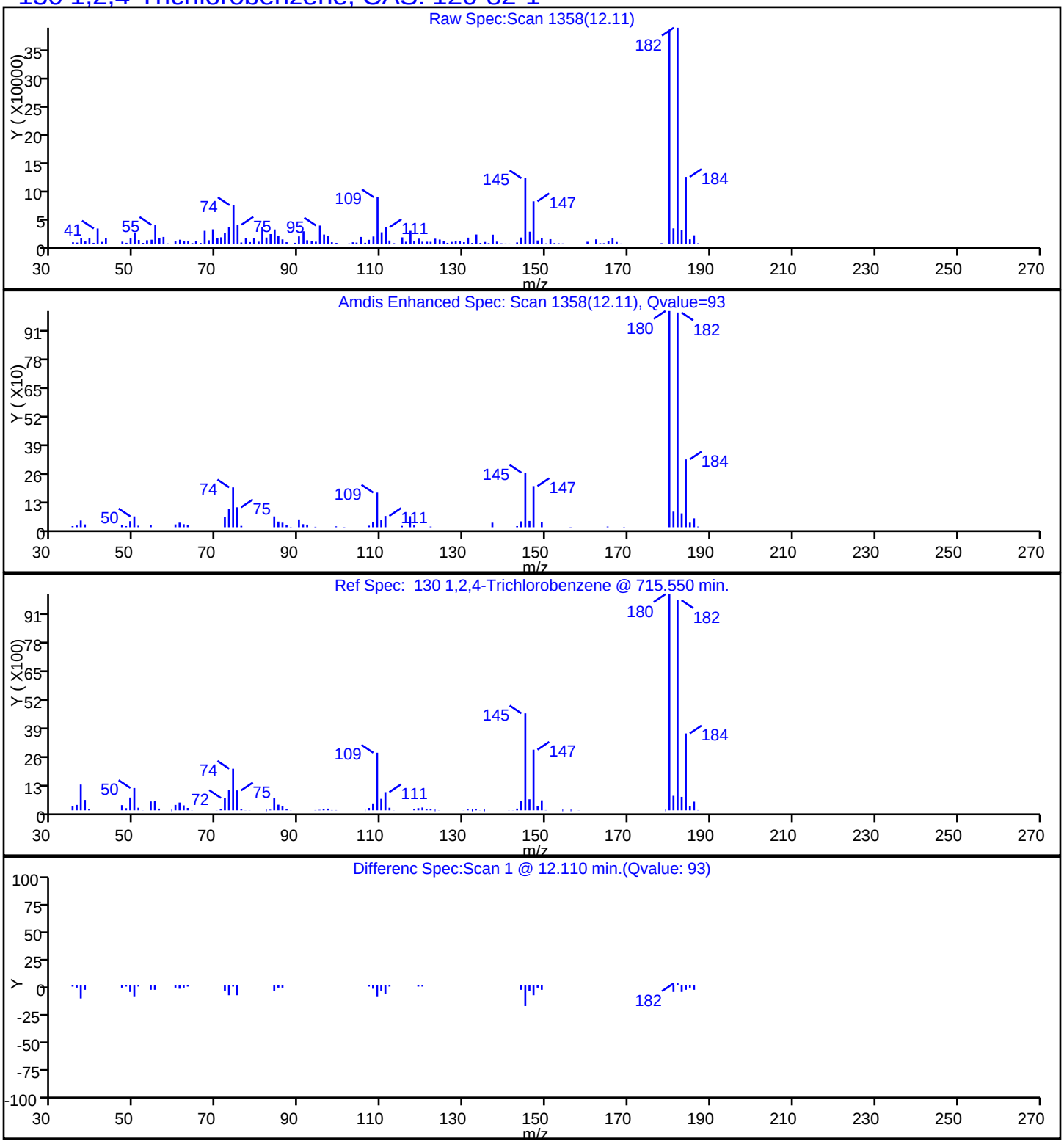
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

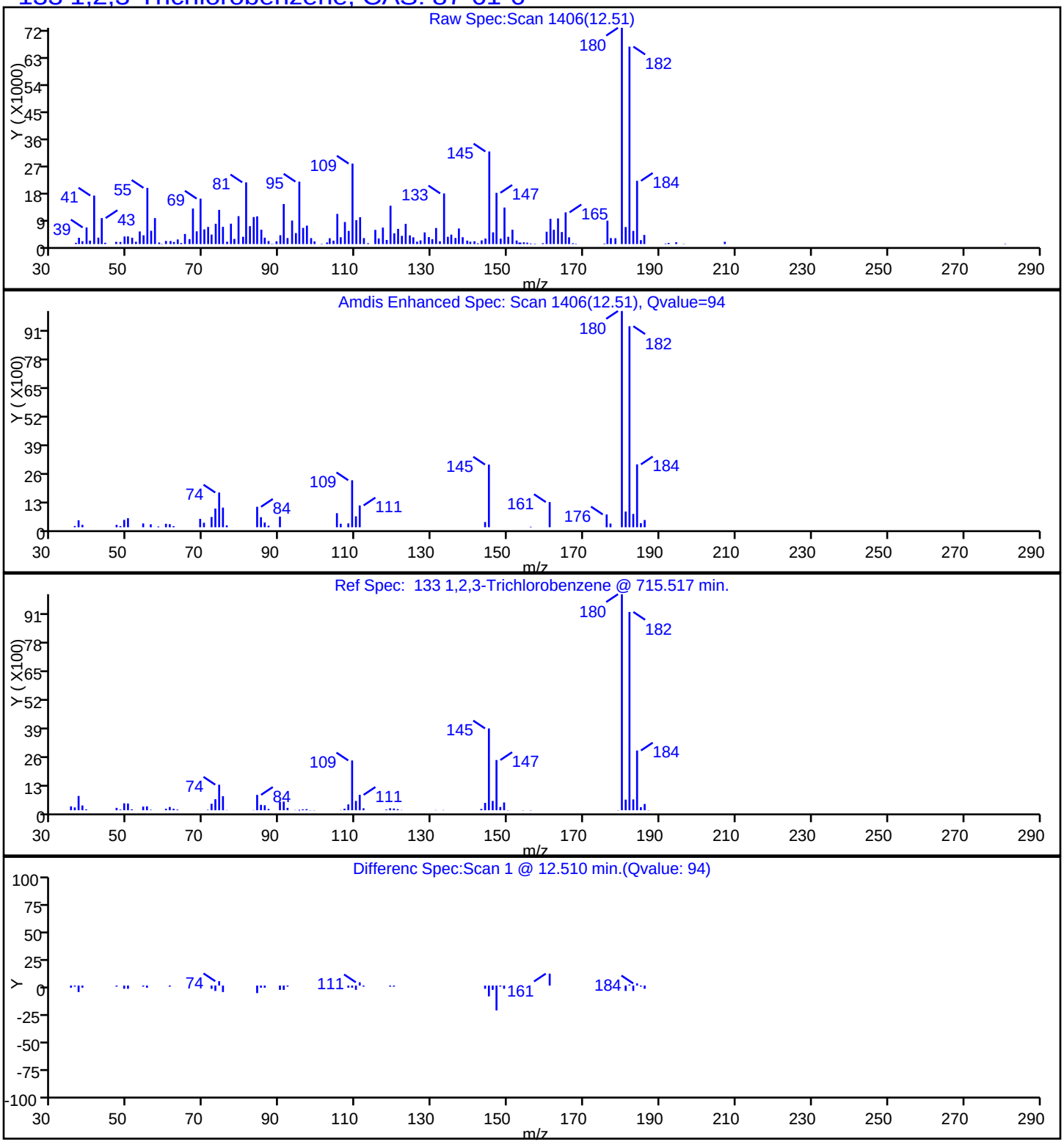
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6



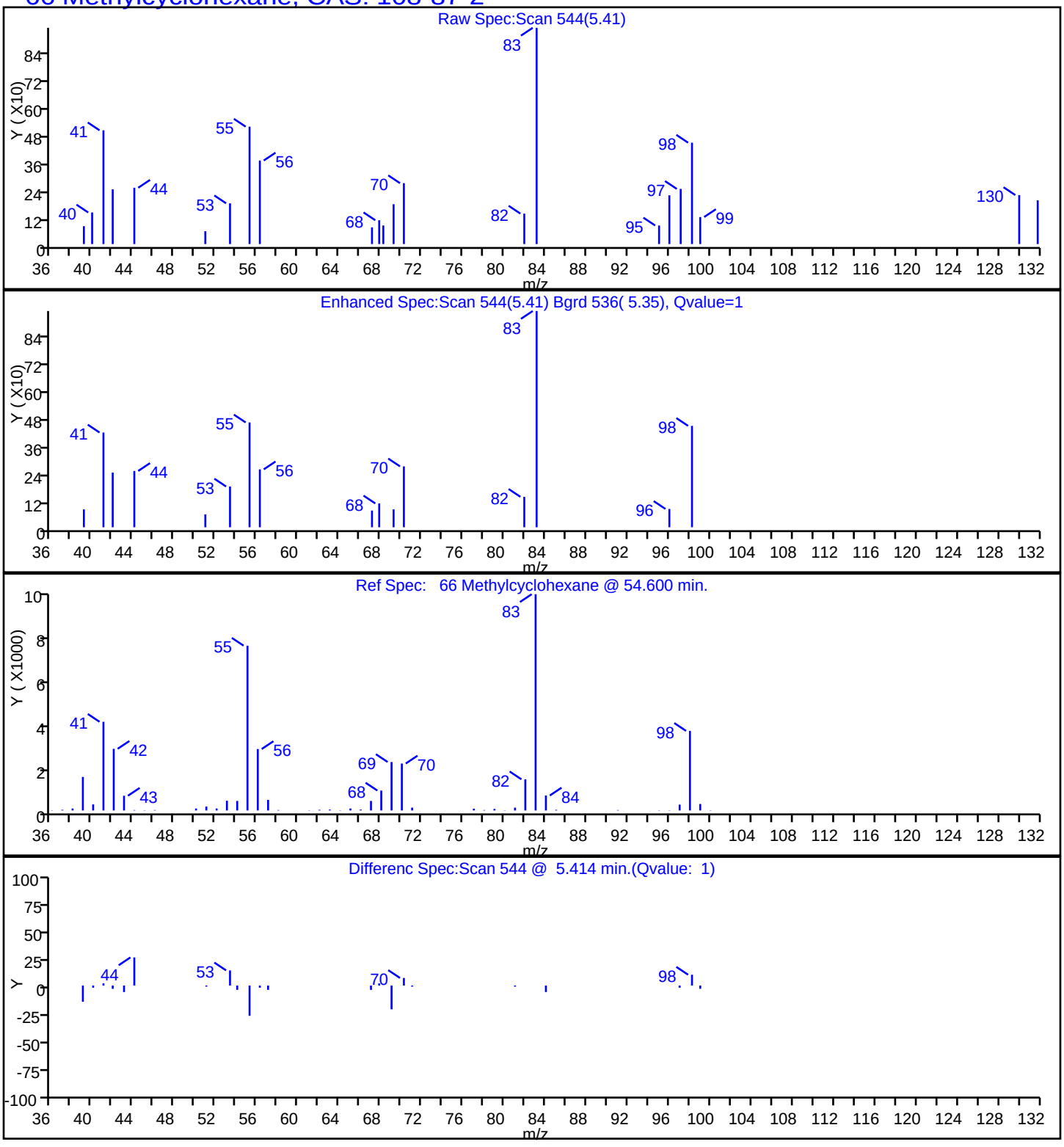
Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

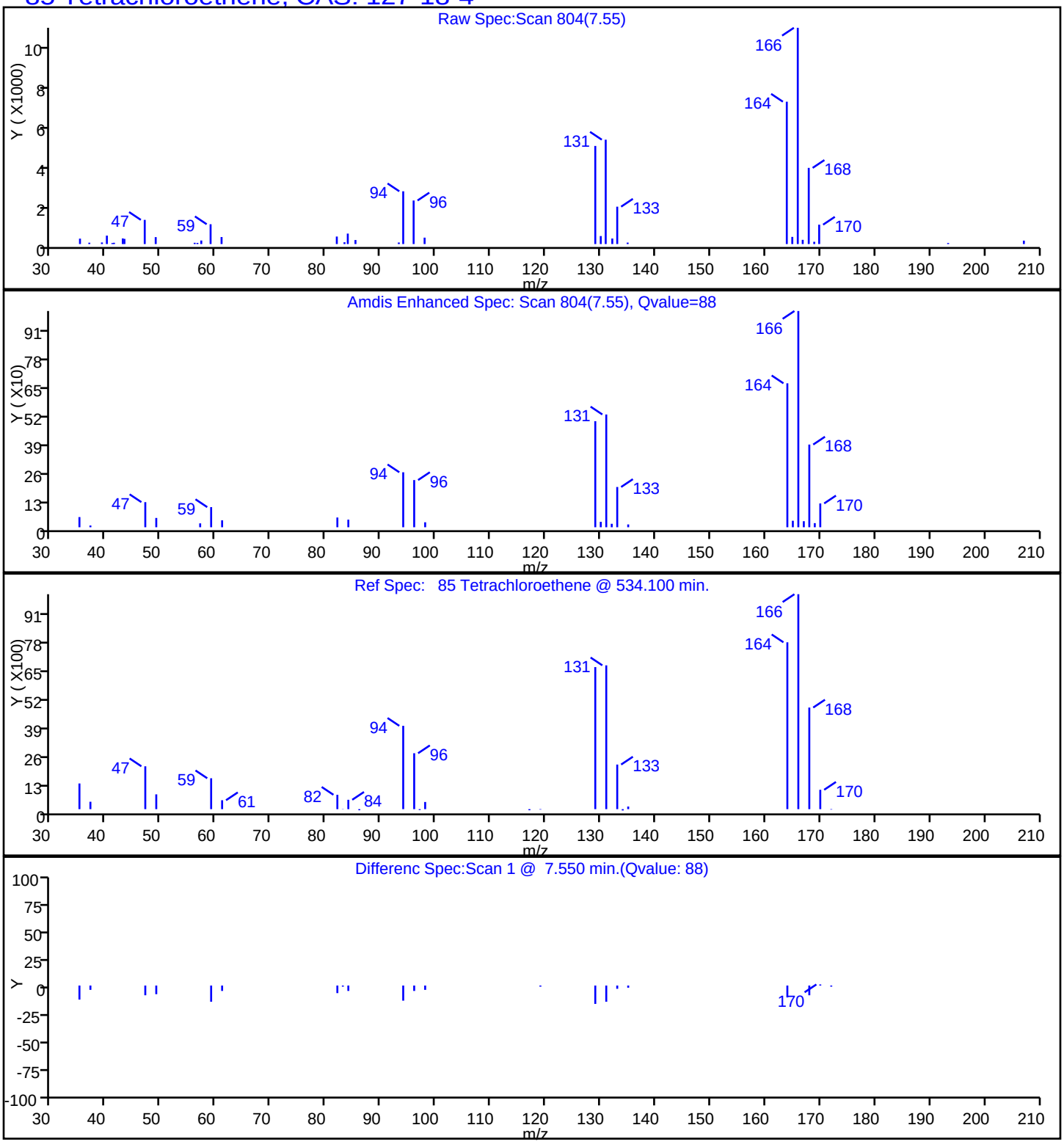
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

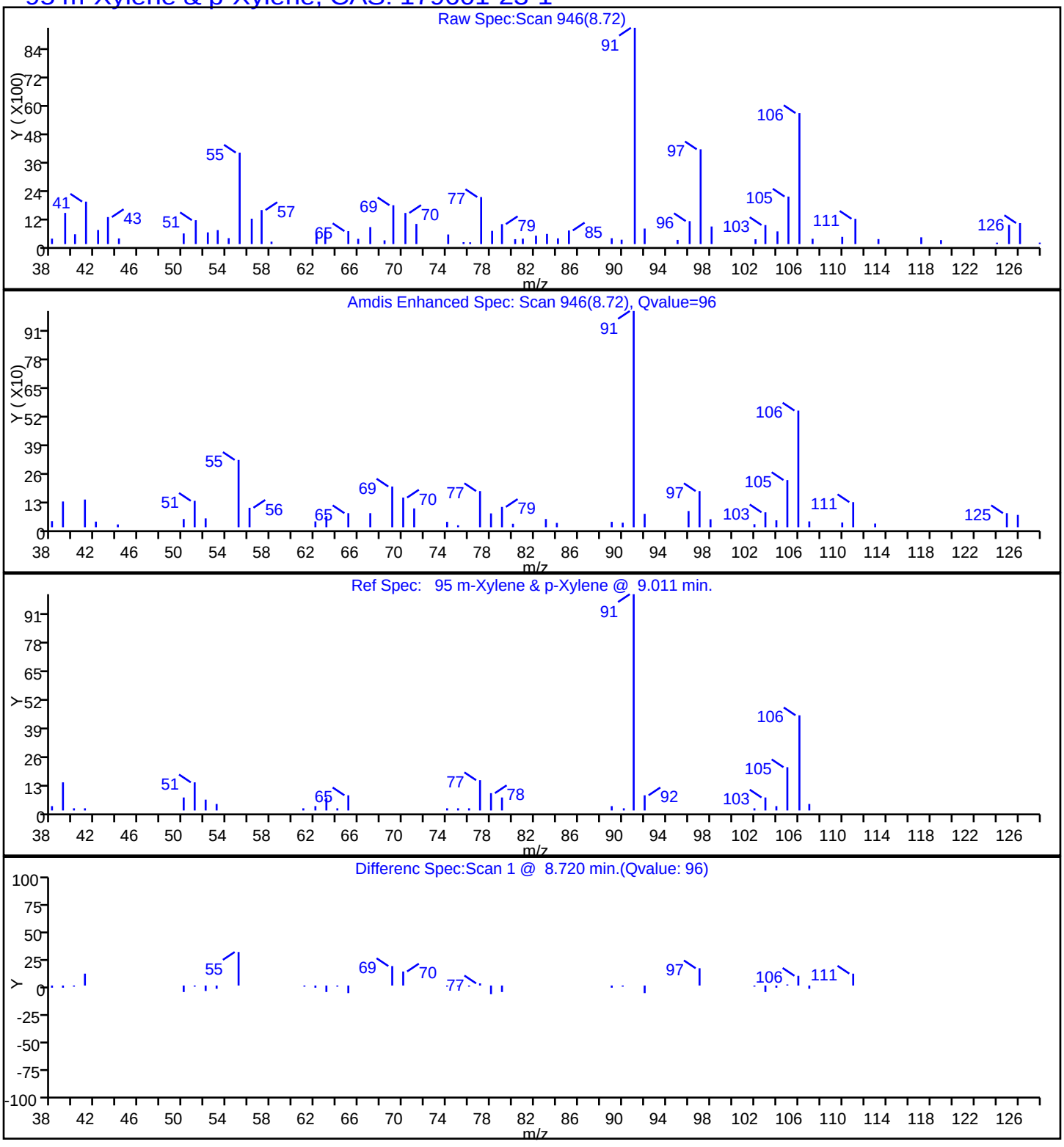
85 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

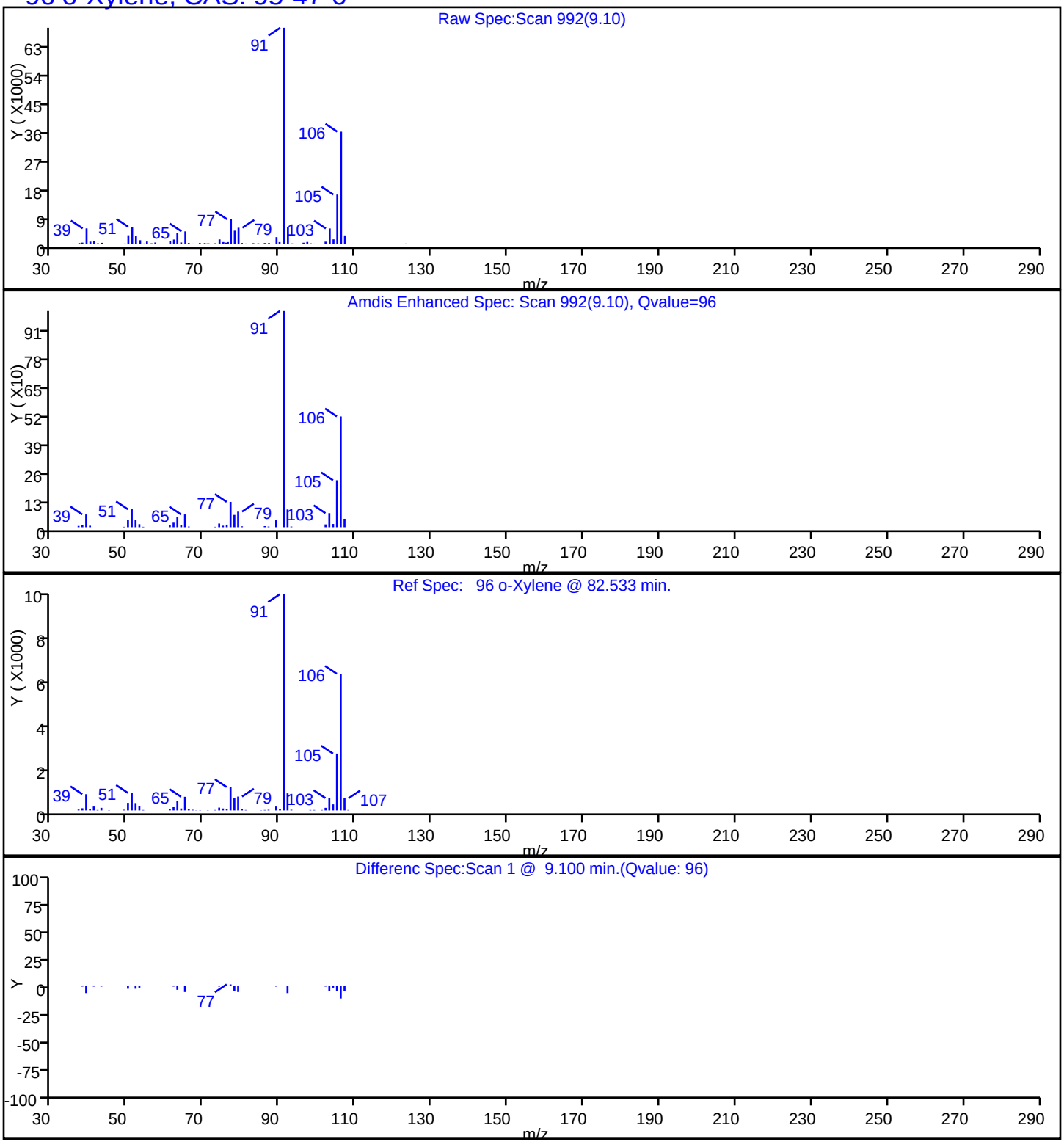
95 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



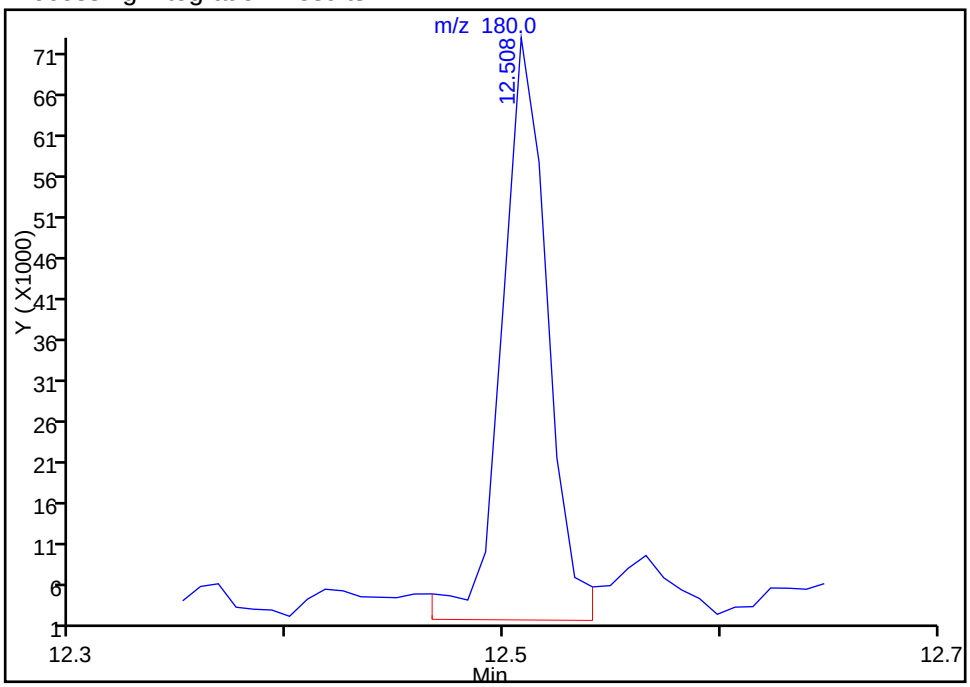
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D		
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

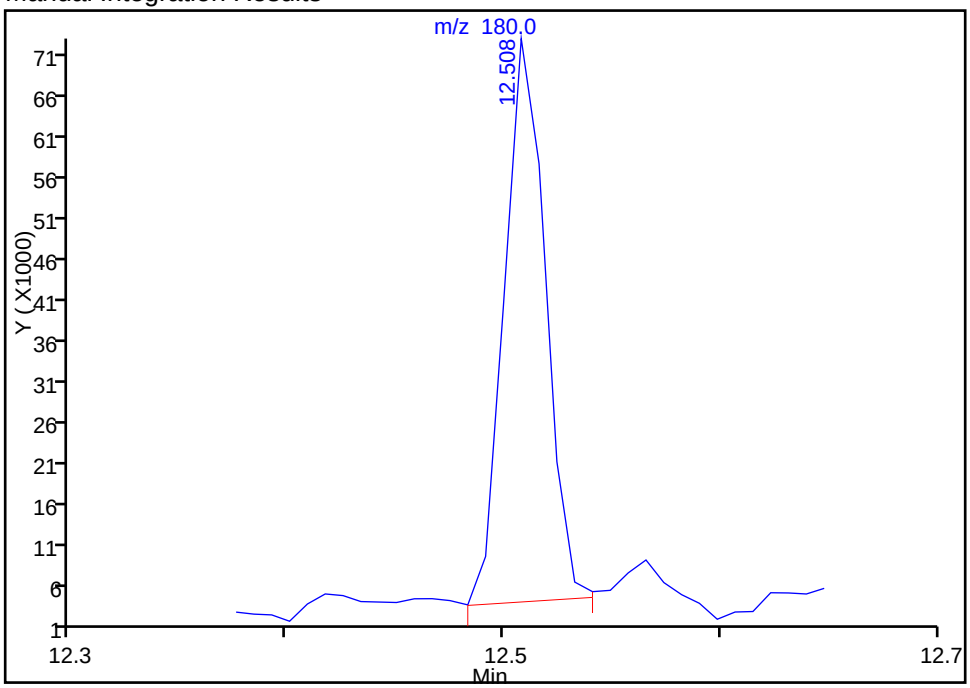
Processing Integration Results

RT: 12.51
Area: 105202
Amount: 31.422529
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 90842
Amount: 27.133376
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:52:23
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

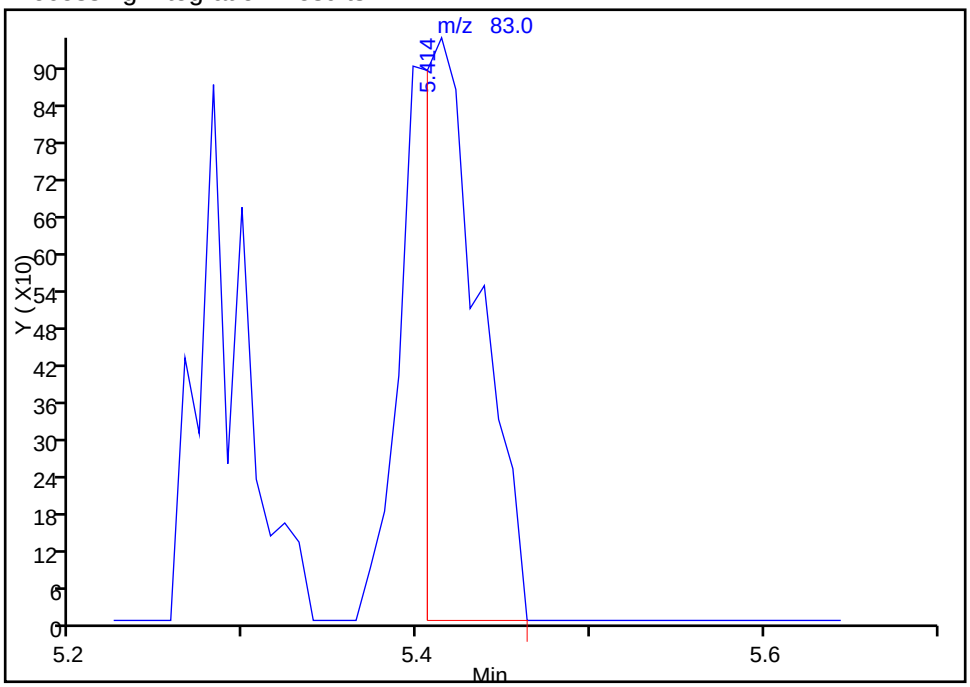
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D				
Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

66 Methylcyclohexane, CAS: 108-87-2

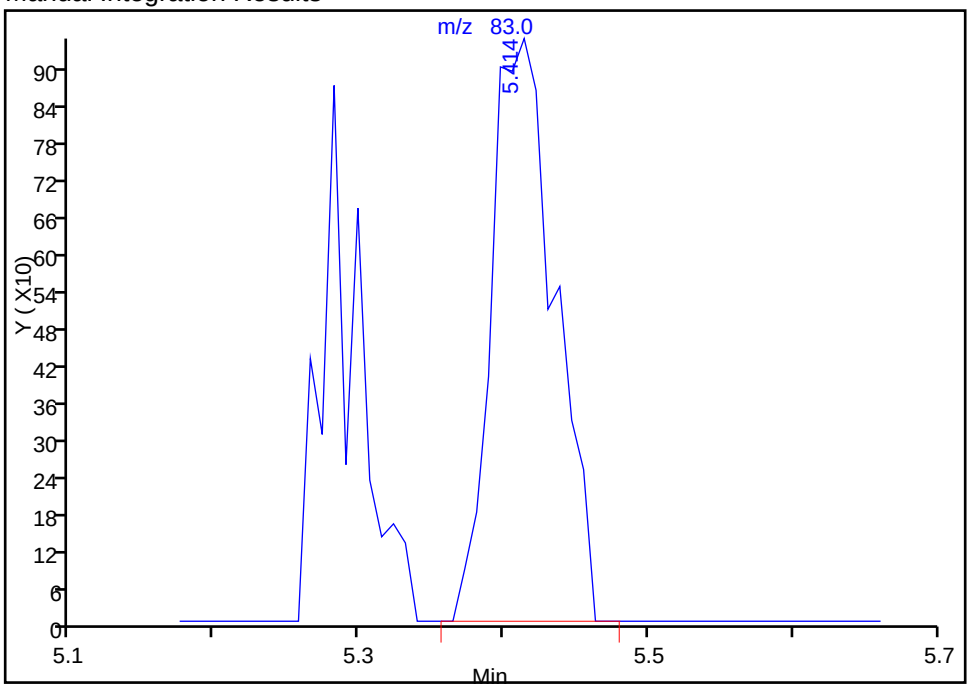
Processing Integration Results

RT: 5.41
Area: 2133
Amount: 1.038454
Amount Units: ug/l



Manual Integration Results

RT: 5.41
Area: 2902
Amount: 1.412842
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:52:23
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

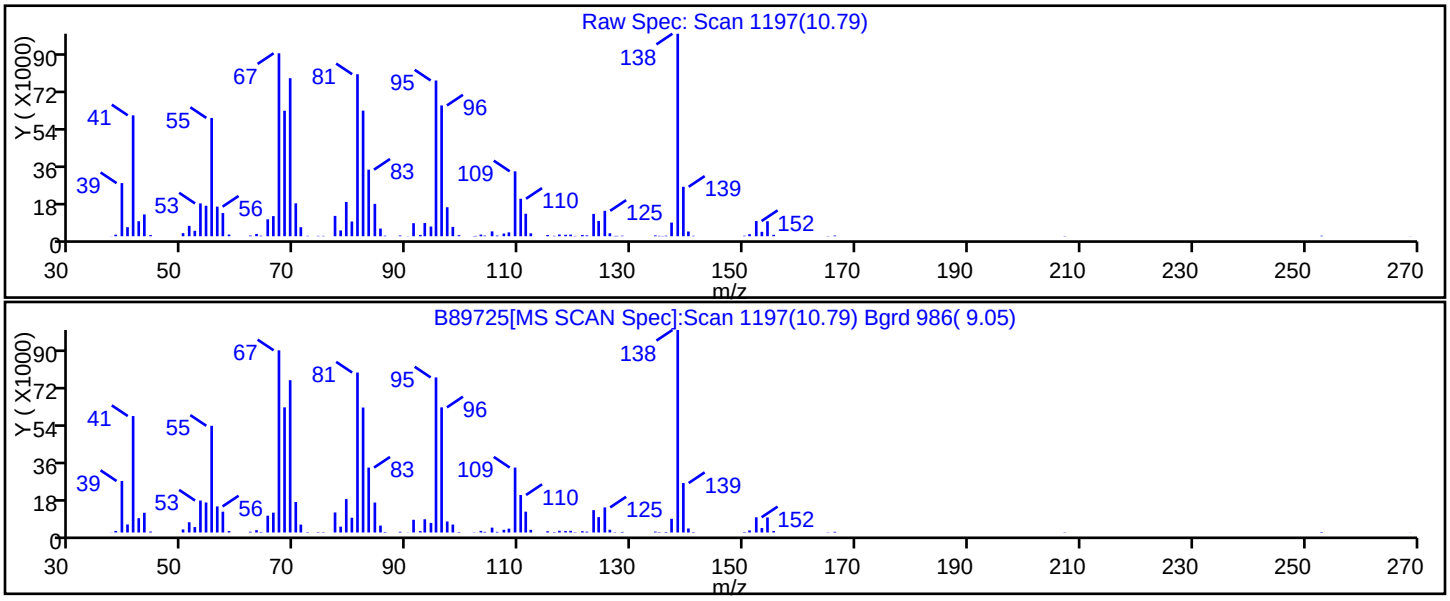
Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

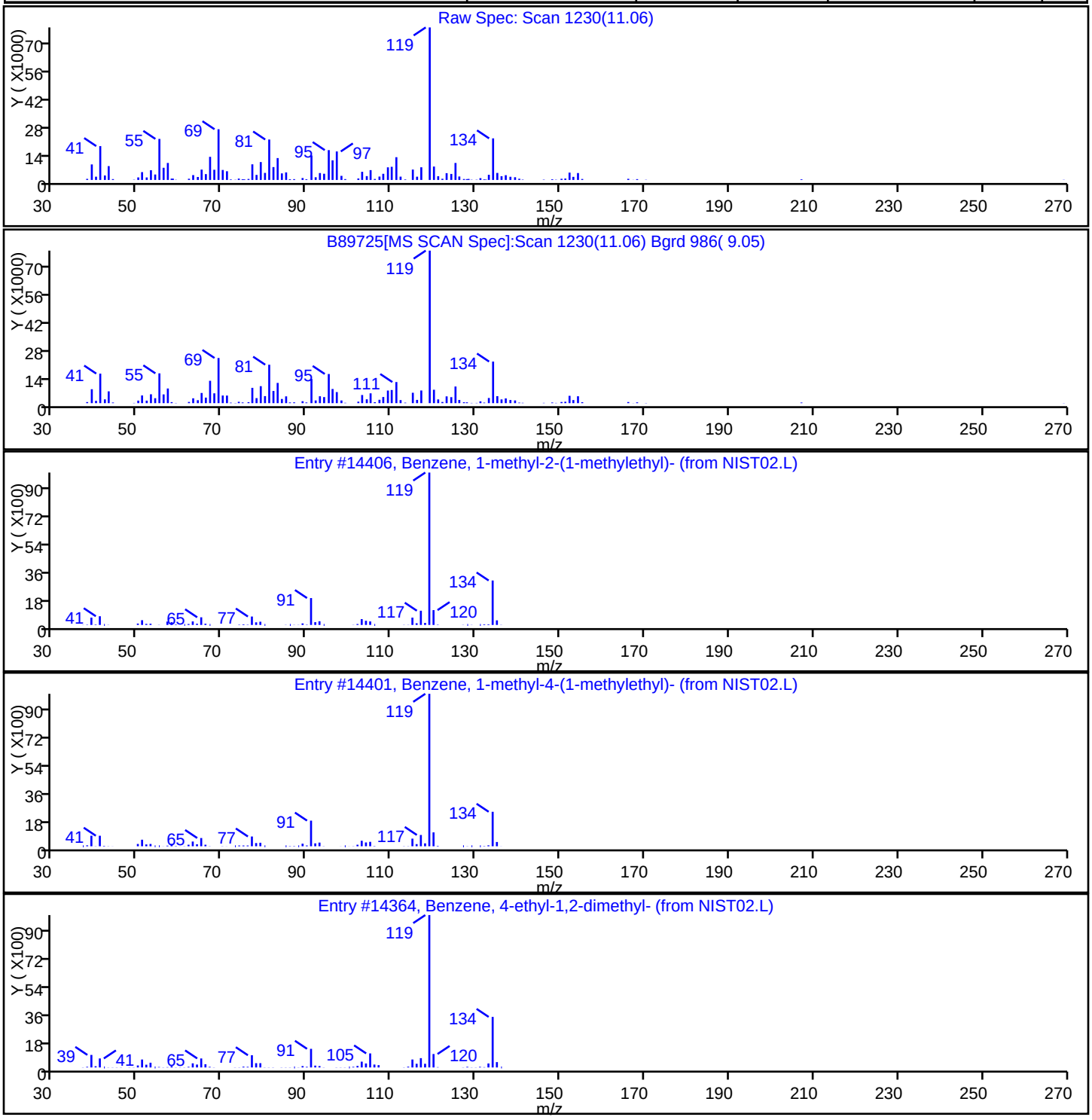
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Injection Date: 08-Nov-2015 18:04:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14406	C10H14	134	91
Benzene, 1-methyl-4-(1-methylethyl)-	99-87-6	NIST02.L	14401	C10H14	134	90
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.L	14364	C10H14	134	90

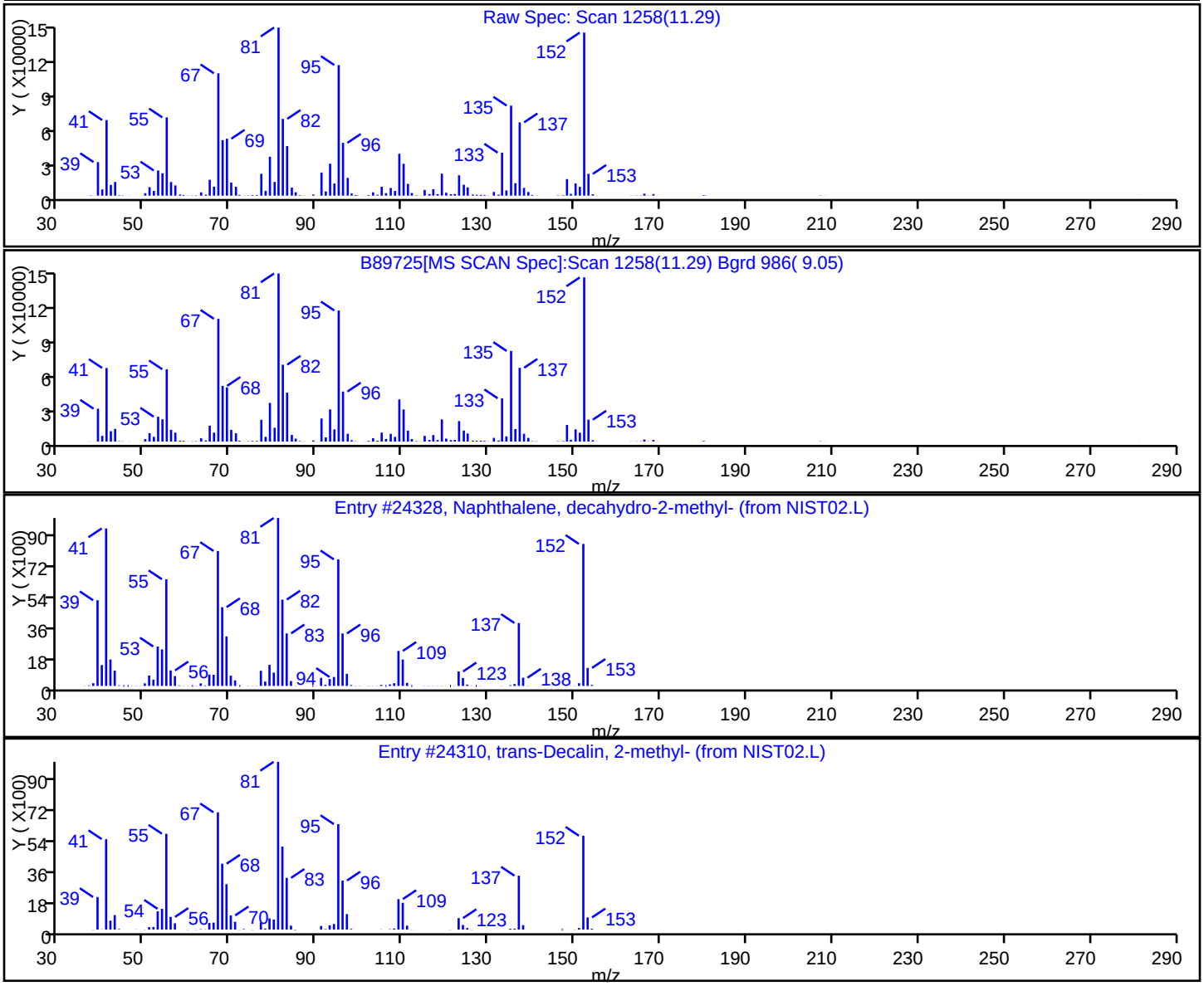


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	96
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	93



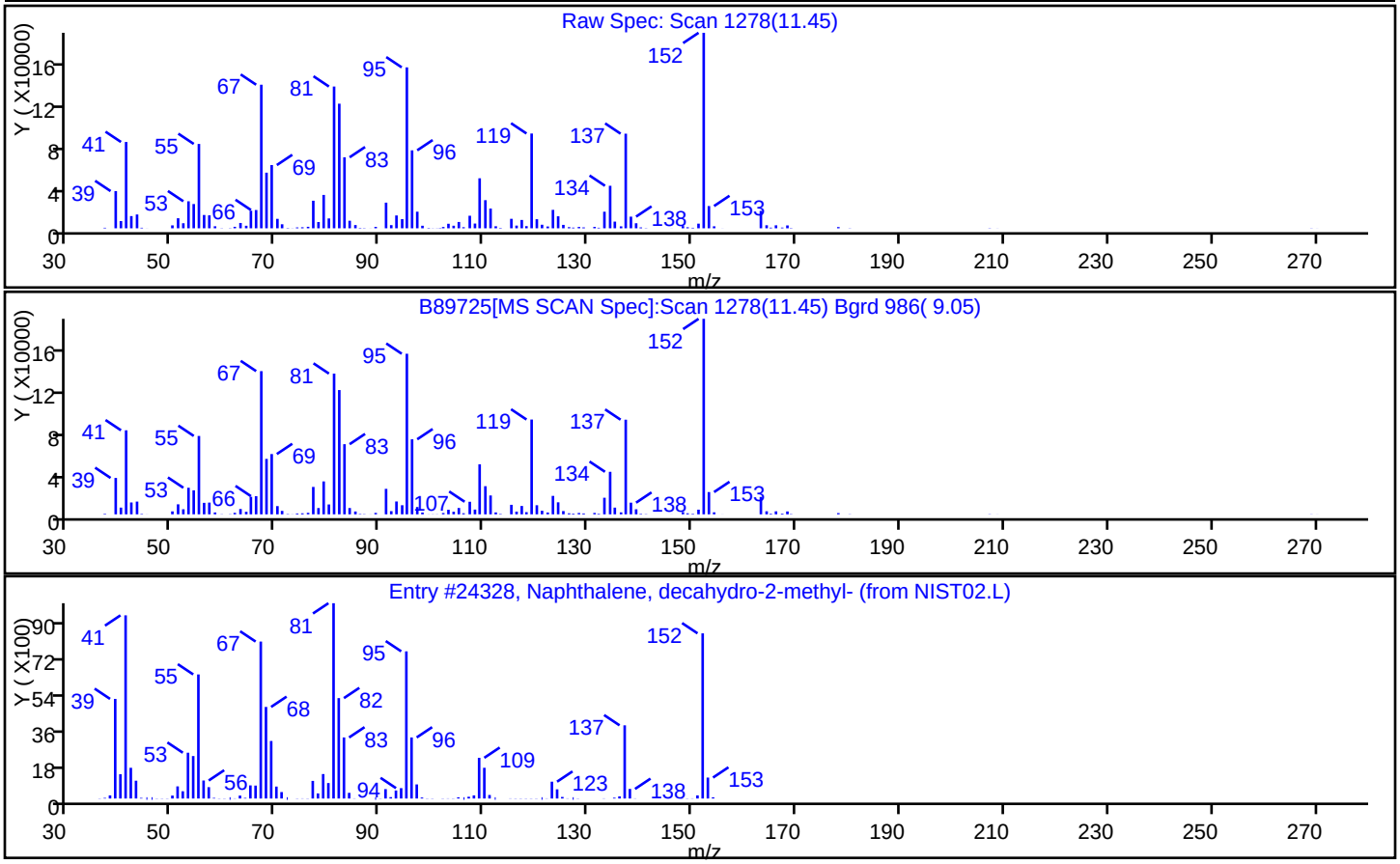
Report Date: 11-Nov-2015 12:52:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	86

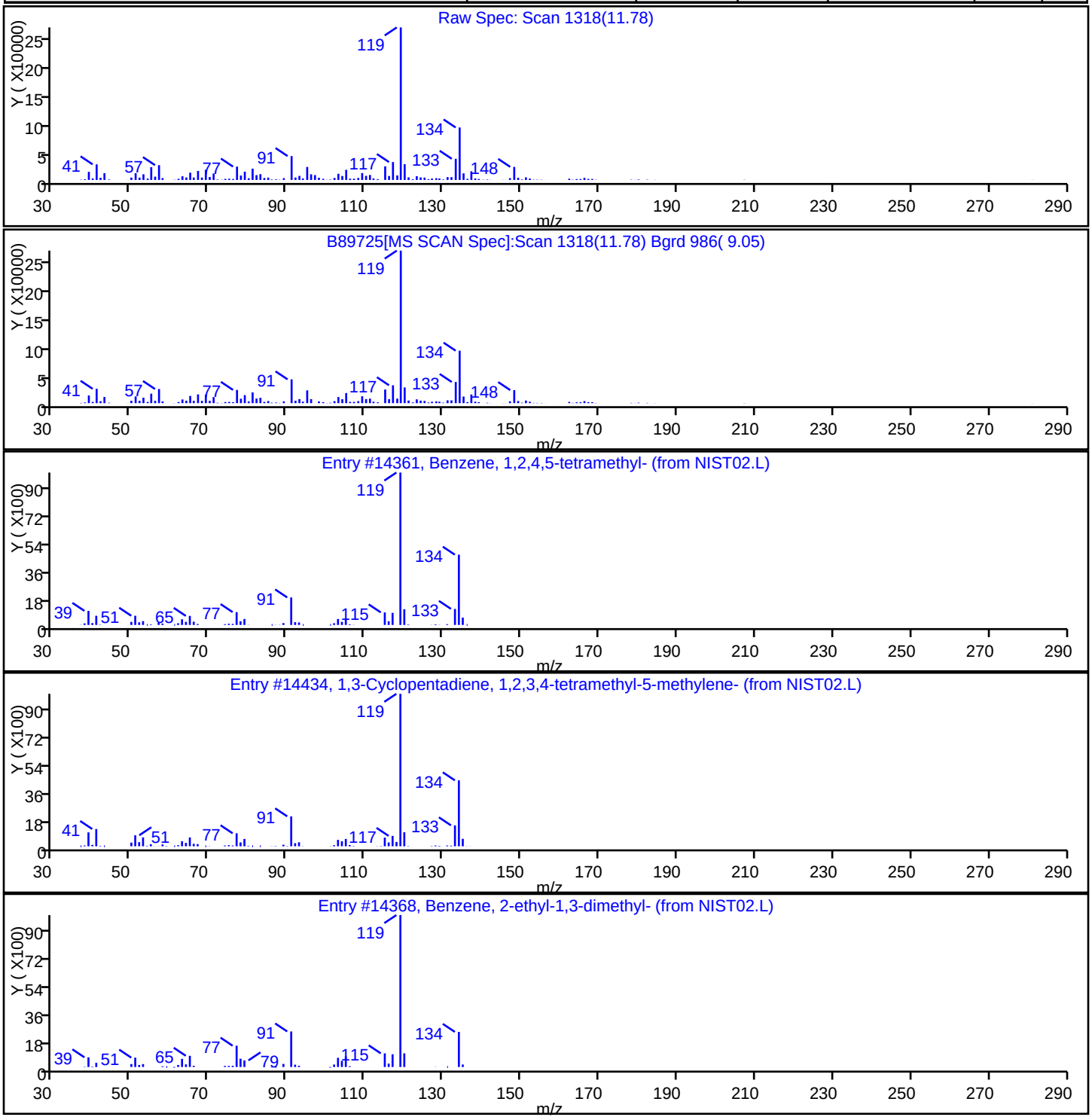


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	95
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	94
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	94

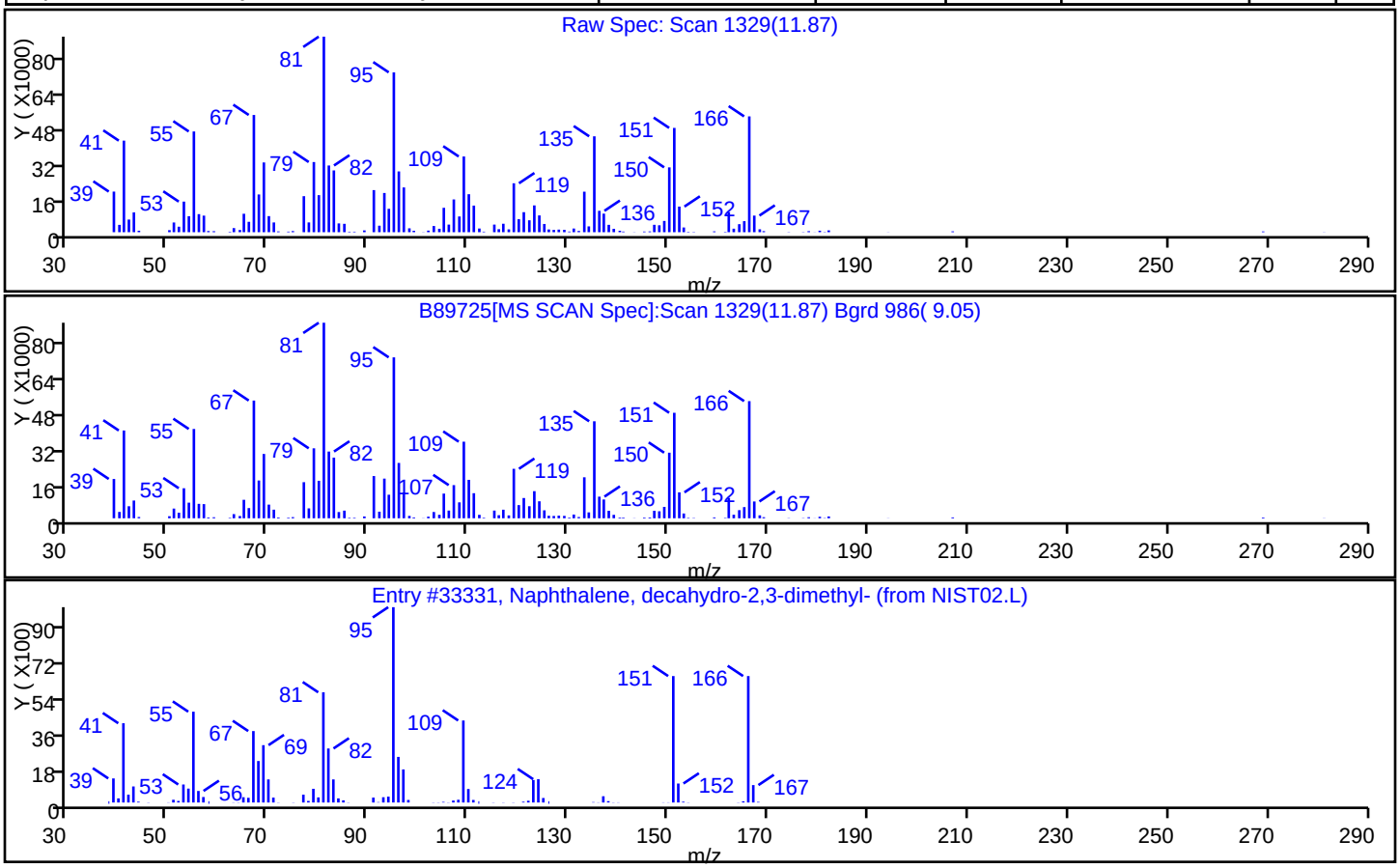


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,3-dimethyl-	1008-80-6	NIST02.L	33331	C12H22	166	89



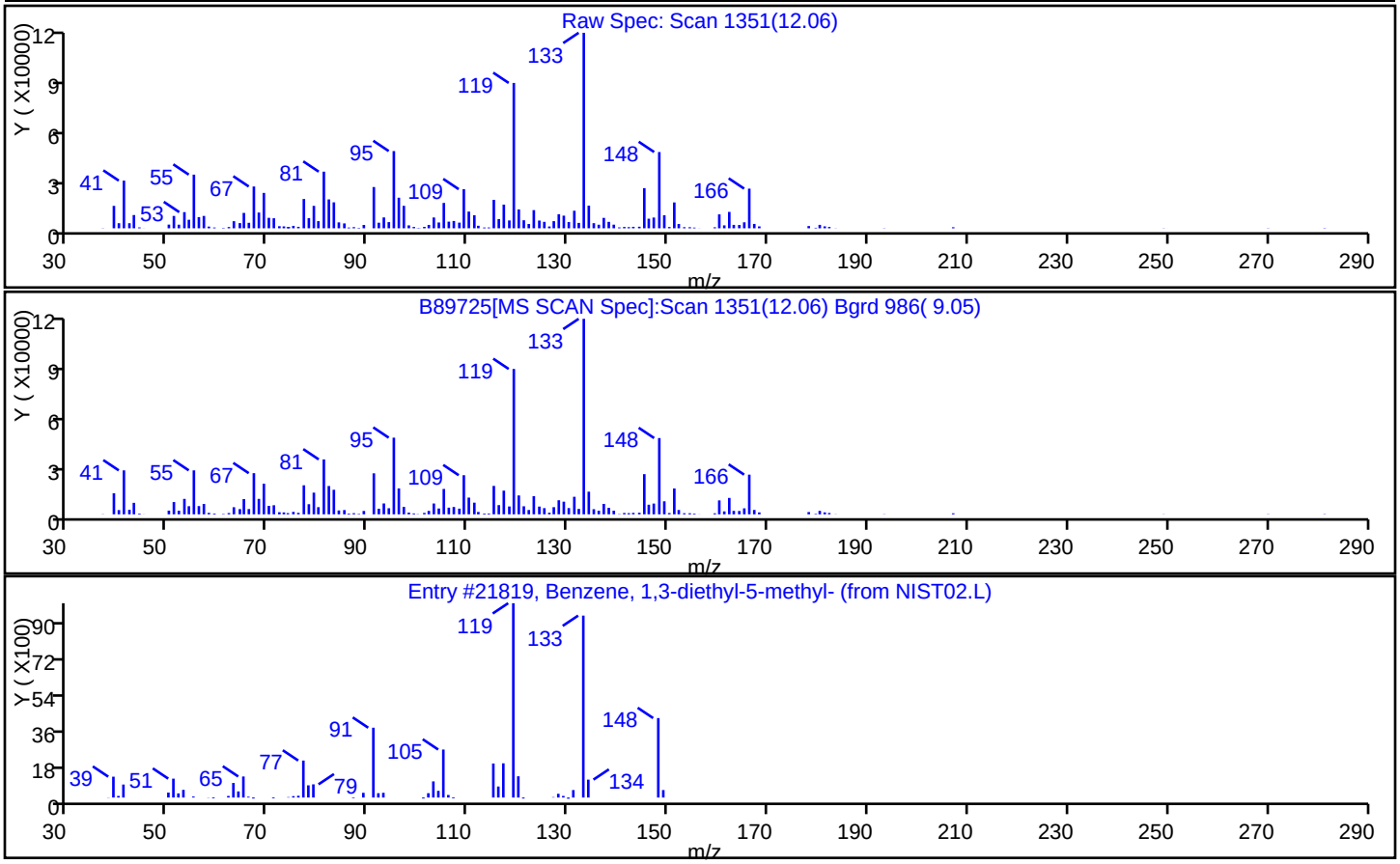
Report Date: 11-Nov-2015 12:52:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	92



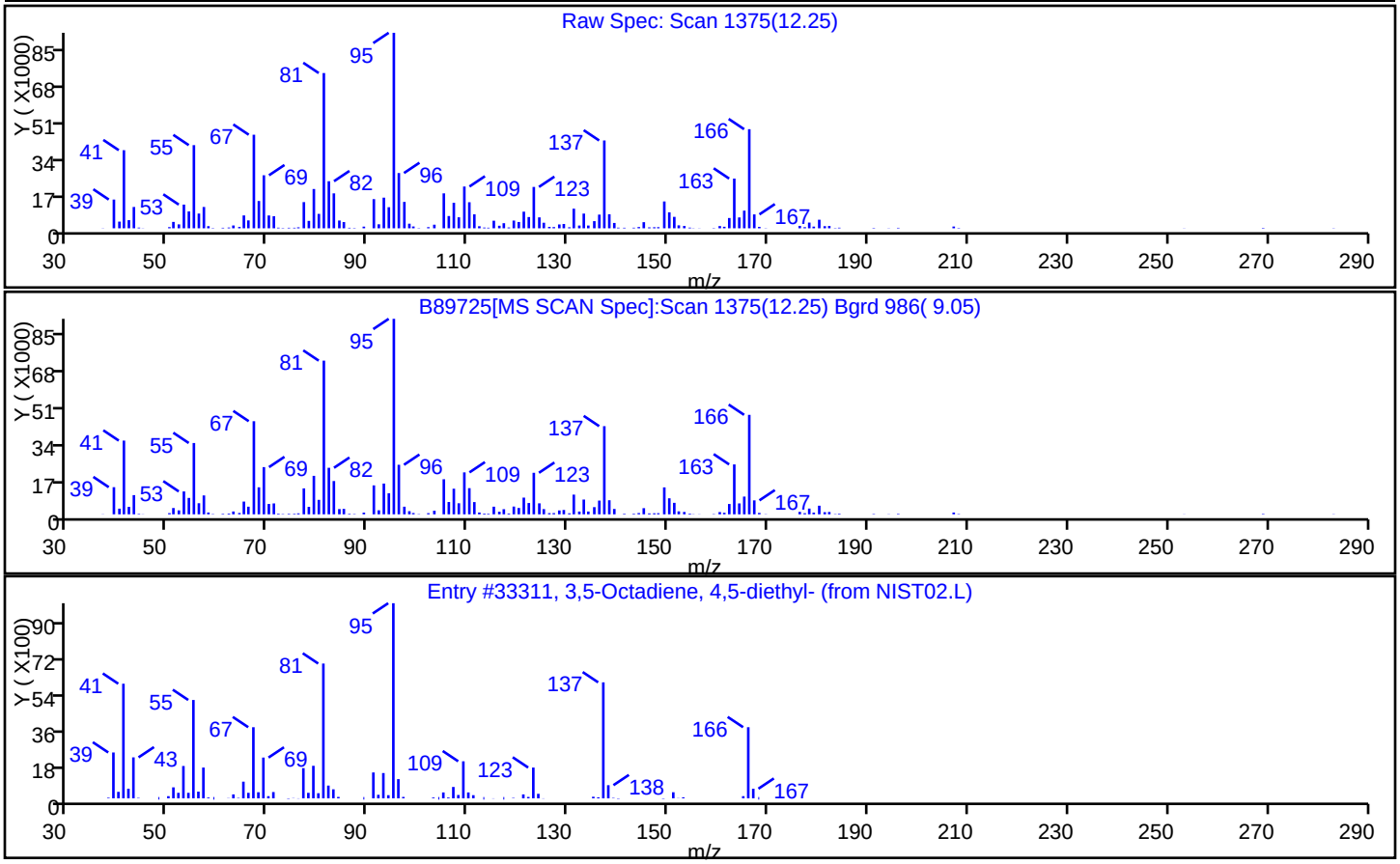
Report Date: 11-Nov-2015 12:52:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D

Injection Date:	08-Nov-2015 18:04:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

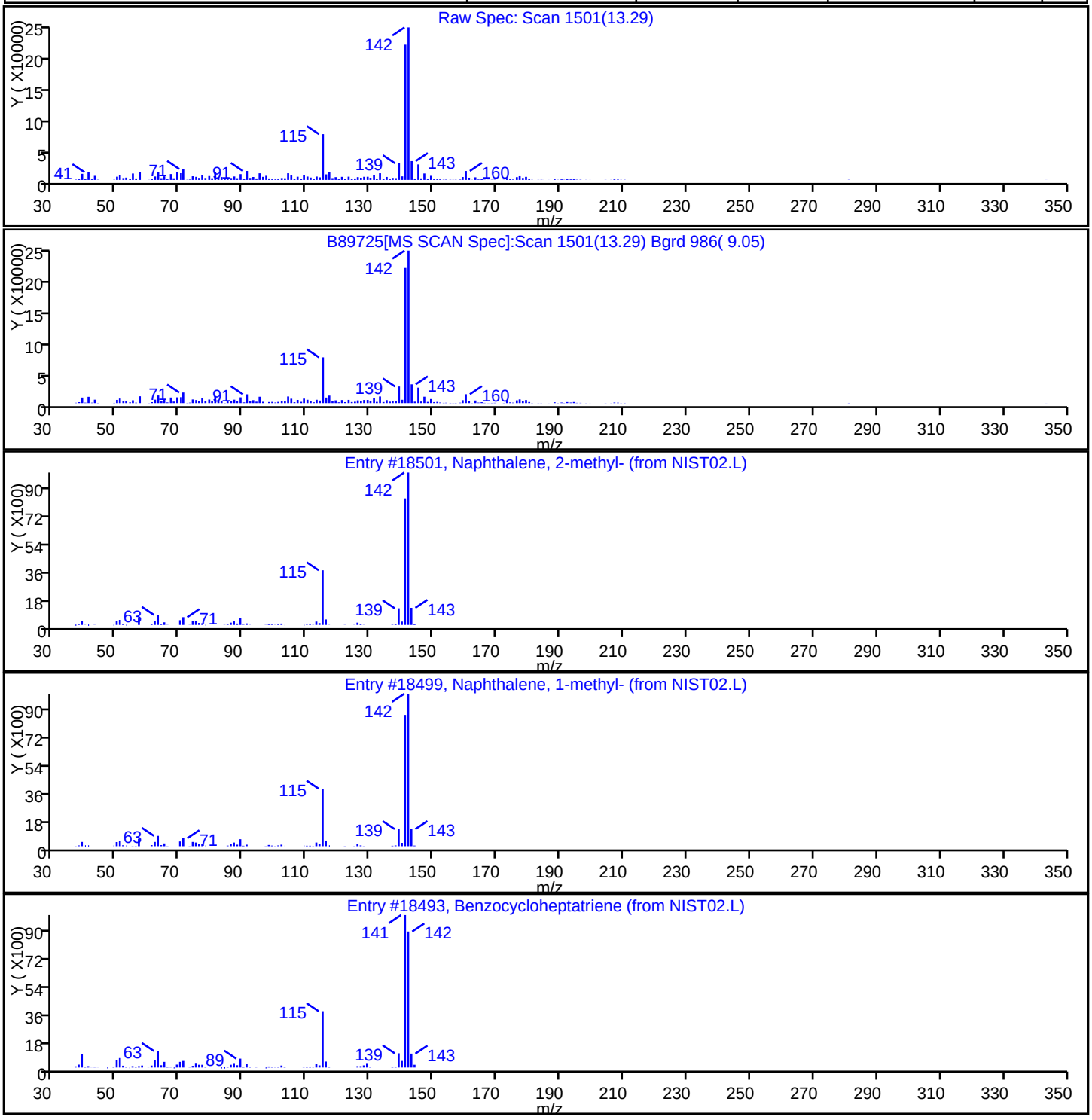
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3,5-Octadiene, 4,5-diethyl-	67652-84-0	NIST02.L	33311	C12H22	166	89



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Injection Date: 08-Nov-2015 18:04:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

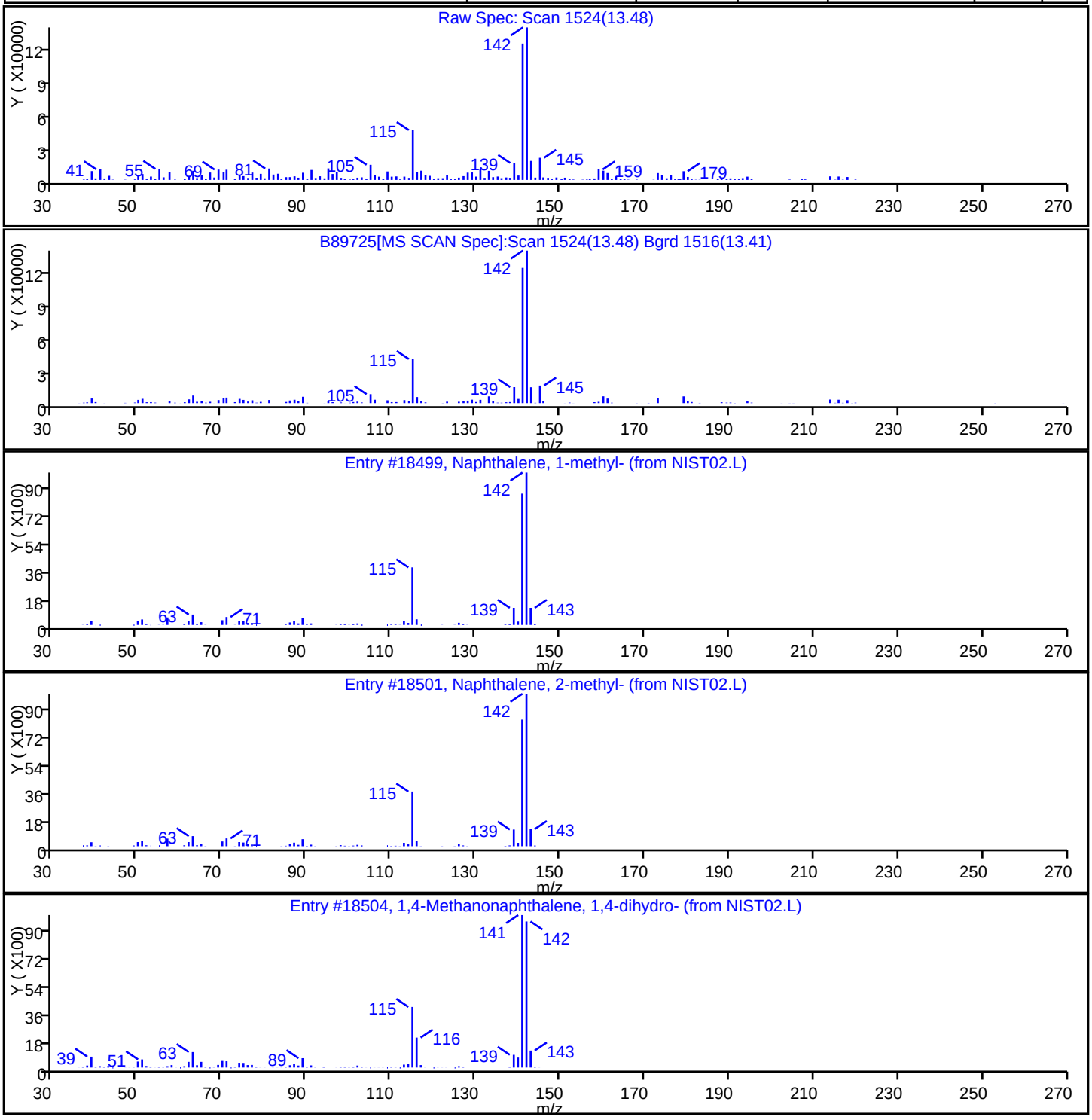
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89725.D
Injection Date: 08-Nov-2015 18:04:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	93
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	95
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: B89747.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:50

Sample wt/vol: 6.455(g) | Date Analyzed: 11/09/2015 18:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.1 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	390	U	1800	390
74-83-9	Bromomethane	320	U	1800	320
75-01-4	Vinyl chloride	350	U	1800	350
75-00-3	Chloroethane	650	U	1800	650
75-09-2	Methylene Chloride	370	U	1800	370
67-64-1	Acetone	1900	U	8800	1900
75-15-0	Carbon disulfide	390	U	1800	390
75-69-4	Trichlorofluoromethane	260	U	1800	260
75-35-4	1,1-Dichloroethene	600	U	1800	600
75-34-3	1,1-Dichloroethane	420	U	1800	420
156-60-5	trans-1,2-Dichloroethene	320	U	1800	320
156-59-2	cis-1,2-Dichloroethene	4600		1800	460
67-66-3	Chloroform	390	U	1800	390
78-93-3	2-Butanone	3900	U	8800	3900
107-06-2	1,2-Dichloroethane	440	U	1800	440
71-55-6	1,1,1-Trichloroethane	2300		1800	490
56-23-5	Carbon tetrachloride	580	U	1800	580
71-43-2	Benzene	360	J	1800	330
75-25-2	Bromoform	320	U	1800	320
100-42-5	Styrene	39000		1800	300
100-41-4	Ethylbenzene	31000		1800	530
108-90-7	Chlorobenzene	6900		1800	420
110-82-7	Cyclohexane	460	U	1800	460
98-82-8	Isopropylbenzene	3900		1800	560
591-78-6	2-Hexanone	1300	U	8800	1300
1634-04-4	MTBE	230	U	1800	230
76-13-1	Freon TF	27000		1800	600
79-20-9	Methyl acetate	1000	U	8800	1000
123-91-1	1,4-Dioxane	15000	U *	44000	15000
79-01-6	Trichloroethene	830000		1800	390
108-88-3	Toluene	30000		1800	440
10061-02-6	trans-1,3-Dichloropropene	330	U	1800	330
108-10-1	4-Methyl-2-pentanone	1100	U	8800	1100
10061-01-5	cis-1,3-Dichloropropene	280	U	1800	280
95-50-1	1,2-Dichlorobenzene	10000		1800	390
541-73-1	1,3-Dichlorobenzene	580	U	1800	580

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: B89747.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:50

Sample wt/vol: 6.455(g) | Date Analyzed: 11/09/2015 18:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.1 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	900	J	1800	580
120-82-1	1,2,4-Trichlorobenzene	65000		1800	480
87-61-6	1,2,3-Trichlorobenzene	15000		1800	620
78-87-5	1,2-Dichloropropane	320	U	1800	320
108-87-2	Methylcyclohexane	2600		1800	390
127-18-4	Tetrachloroethene	25000		1800	630
1330-20-7	Xylenes, Total	130000		3500	490
96-12-8	1,2-Dibromo-3-Chloropropane	410	U	1800	410
79-34-5	1,1,2,2-Tetrachloroethane	330	U	1800	330
79-00-5	1,1,2-Trichloroethane	140	U *	1800	140
124-48-1	Dibromochloromethane	390	U	1800	390
106-93-4	1,2-Dibromoethane	330	U	1800	330
75-71-8	Dichlorodifluoromethane	250	U	1800	250
74-97-5	Bromochloromethane	530	U	1800	530
75-27-4	Bromodichloromethane	260	U	1800	260

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		69-145
2037-26-5	Toluene-d8 (Surr)	108		72-136
460-00-4	Bromofluorobenzene	113		64-131
1868-53-7	Dibromofluoromethane (Surr)	116		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: B89747.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:50

Sample wt/vol: 6.455(g) | Date Analyzed: 11/09/2015 18:01

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.1 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 333000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	9.90	39000	J N
91-17-8	Naphthalene, decahydro-	10.79	34000	J N
95-13-6	Indene	10.95	24000	J N
112-40-3	Dodecane	11.69	25000	J N
	Unknown	11.79	24000	J
	Unknown	11.87	24000	J
91-20-3	Naphthalene	12.31	48000	J N
	Unknown	12.43	24000	J
91-57-6	Naphthalene, 2-methyl-	13.29	65000	J N
4453-90-1	1,4-Methanonaphthalene, 1,4-dihydro-	13.49	26000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D
Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 09-Nov-2015 18:01:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 460-104096-A-8-A
Misc. Info.: 460-0033978-020
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:42:38 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:57:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.122	0.000	94	38064	15.3	
* 27 TBA-d9 (IS)	65	2.607	2.583	0.024	86	153397	1000.0	
* 158 2-Butanone-d5	46	3.677	3.661	0.016	98	172527	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.694	0.016	89	8623	2.59	
50 1,1,1-Trichloroethane	97	4.163	4.138	0.025	93	6117	1.31	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.188	0.016	90	6985	2.91	
55 Benzene	78	4.541	4.525	0.016	18	1965	0.2033	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.558	0.025	93	7588	3.10	
* 62 Fluorobenzene	96	4.887	4.871	0.016	100	472581	50.0	
64 Trichloroethene	95	5.299	5.282	0.017	95	1264028	473.4	
66 Methylcyclohexane	83	5.414	5.406	0.008	54	3288	1.46	M
* 69 1,4-Dioxane-d8	96	5.726	5.702	0.024	88	16416	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.854	0.008	99	21403	2.69	
81 Toluene	91	6.944	6.936	0.008	94	171855	16.8	
85 Tetrachloroethene	166	7.553	7.545	0.008	94	38812	14.0	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	83	404743	50.0	
92 Chlorobenzene	112	8.516	8.508	0.008	98	29935	3.92	
93 Ethylbenzene	106	8.607	8.599	0.008	98	66241	17.5	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	95	287194	60.2	
96 o-Xylene	106	9.101	9.092	0.009	94	73590	15.0	
98 Styrene	104	9.134	9.125	0.009	98	180109	22.0	
101 Isopropylbenzene	105	9.422	9.422	0.000	94	22272	2.23	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	61	9736	2.82	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.566	0.008	93	233971	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.582	0.008	41	2960	0.5110	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.000	96	33317	5.73	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	130570	37.0	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	93	28116	8.65	
S 135 Xylenes, Total	100				0		75.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D
Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 09-Nov-2015 18:01:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Sample Info: 460-104096-A-8-A
Misc. Info.: 460-0033978-020
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:42:38 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:57:13

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	124-18-5 Decane							
9.899	521833	21.9	119	97	18421	C10H22	142	
	91-17-8 Naphthalene, decahydro-							
10.788	456280	19.1	119	96	16283	C10H18	138	
	95-13-6 Indene							
10.952	322076	13.5	119	97	8166	C9H8	116	
	112-40-3 Dodecane							
11.685	336763	14.1	119	96	36159	C12H26	170	
	Unknown							
11.792	326651	13.7	119					
	Unknown							
11.866	326042	13.7	119					
	91-20-3 Naphthalene							
12.310	646316	27.1	119	93	11560	C10H8	128	
	Unknown							
12.434	331509	13.9	119					
	91-57-6 Naphthalene, 2-methyl-							
13.290	877473	36.8	119	94	18501	C11H10	142	I
	4453-90-1 1,4-Methanonaphthalene, 1,4-dihydro-							
13.487	353690	14.8	119	87	18504	C11H10	142	I

Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	1192837	50.0

QC Flag Legend

Processing Flags
Review Flags
I - User Selected Library Match

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

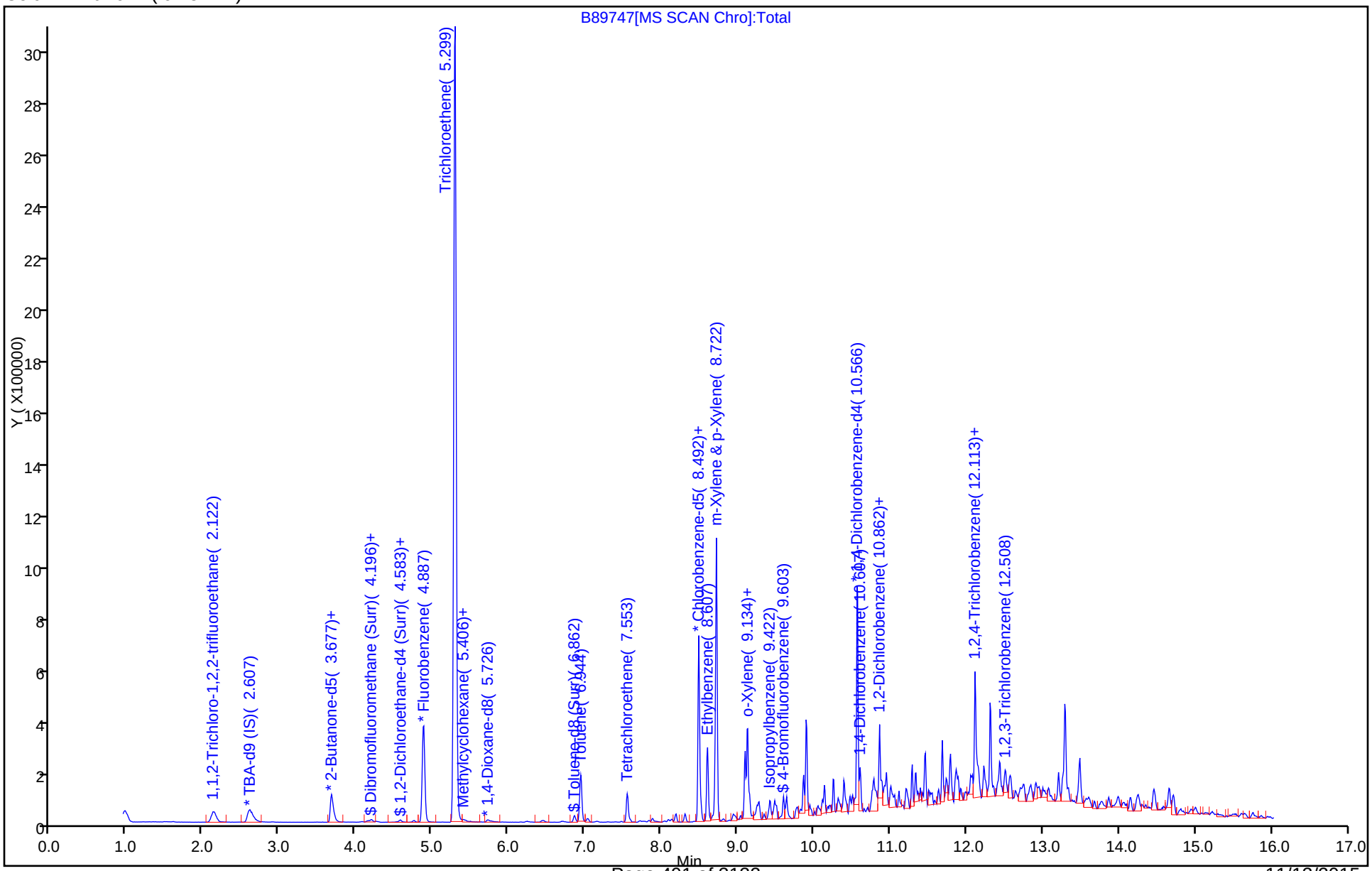
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8	Worklist Smp#:	20
Client ID:	PMP-24-NW2-DV				
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000	ALS Bottle#:	19
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

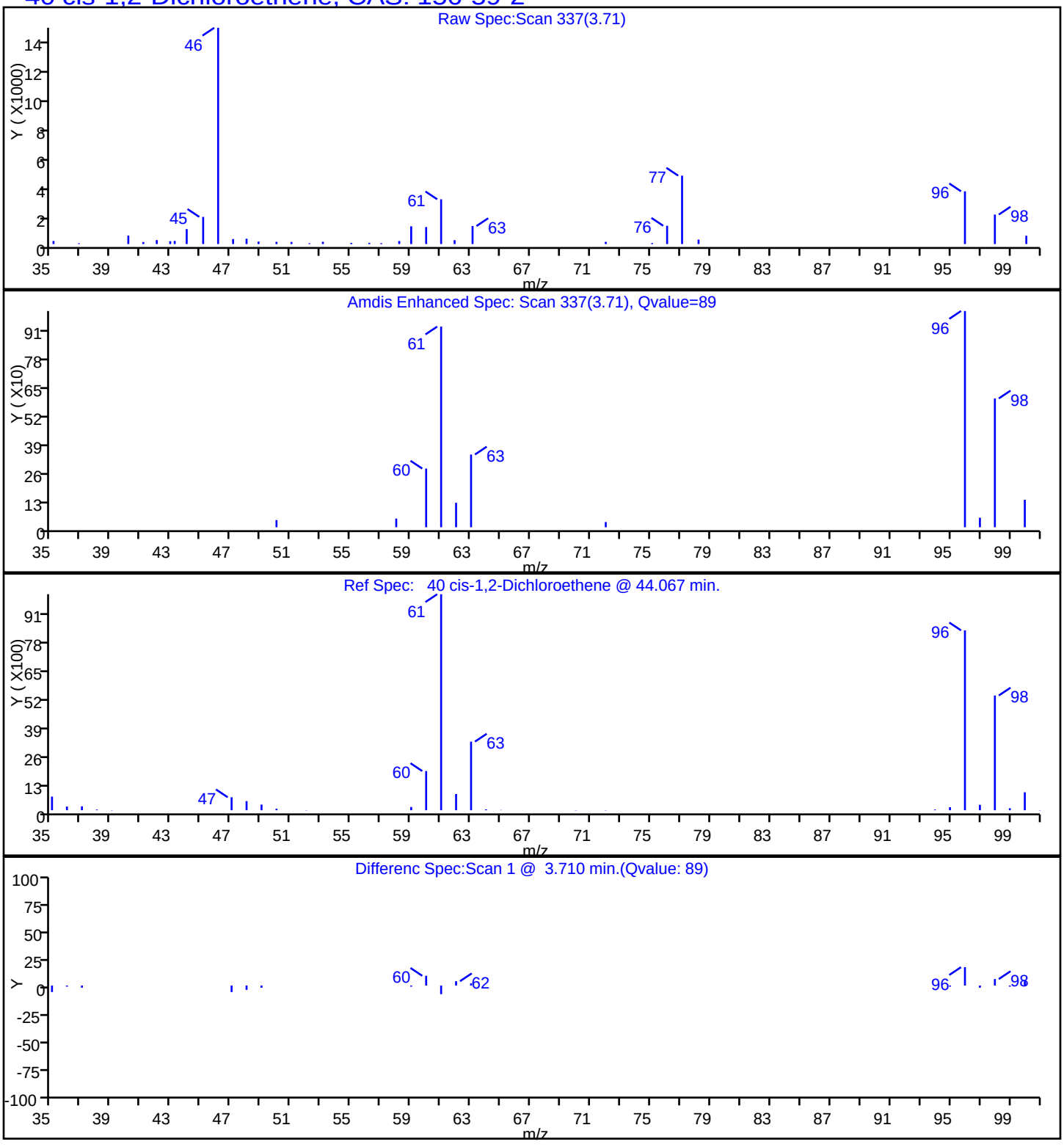
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

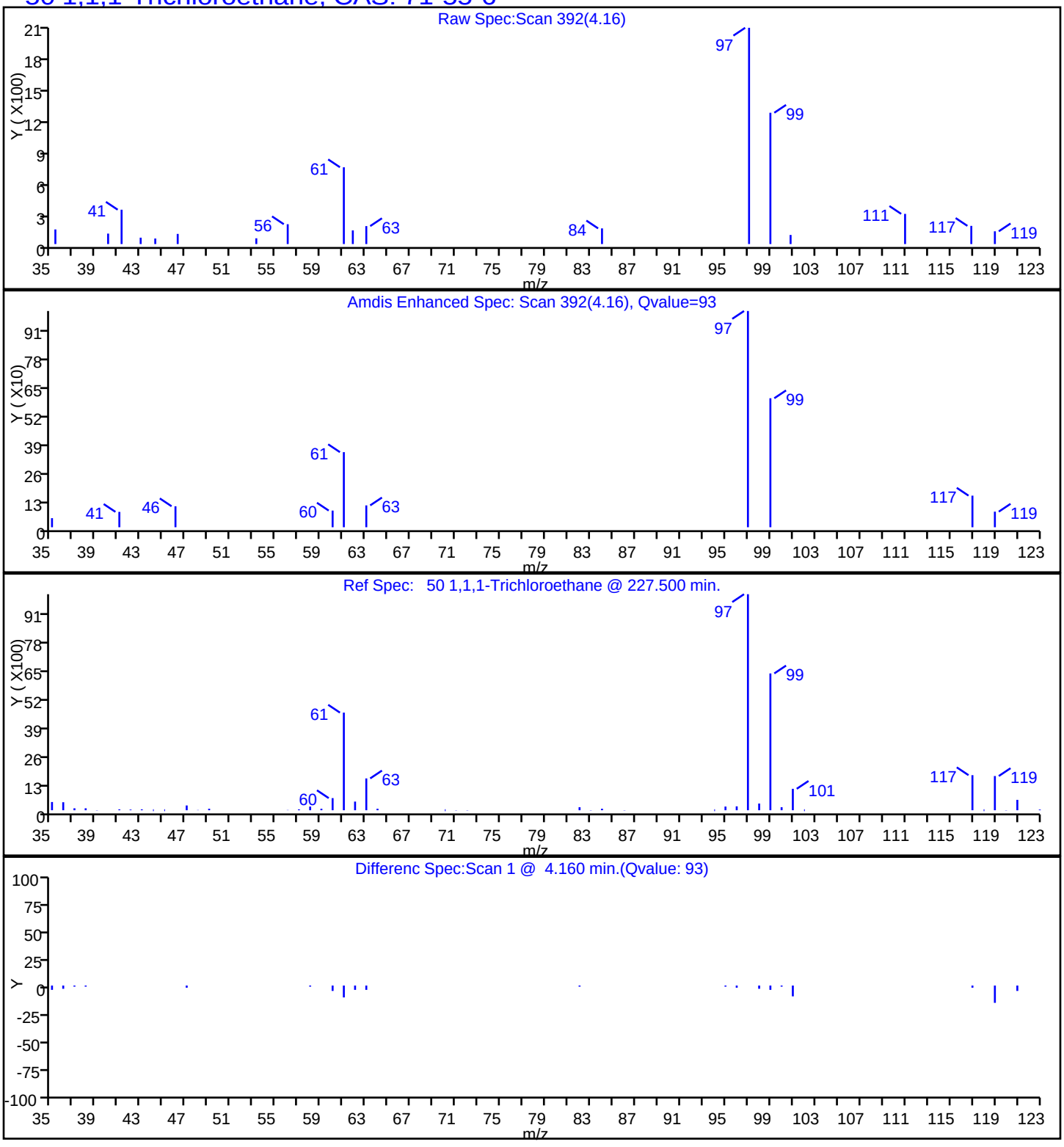
40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6



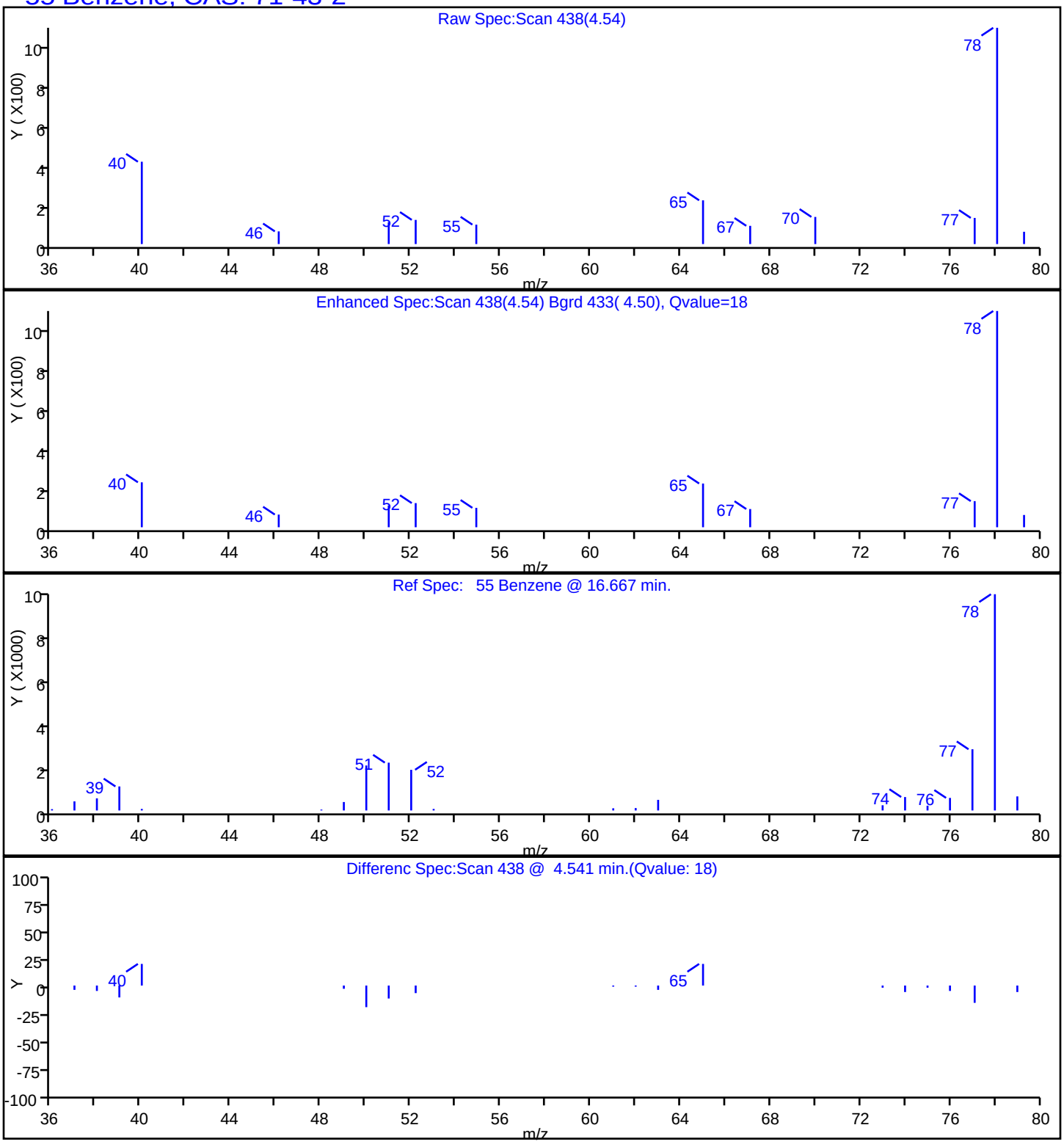
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2



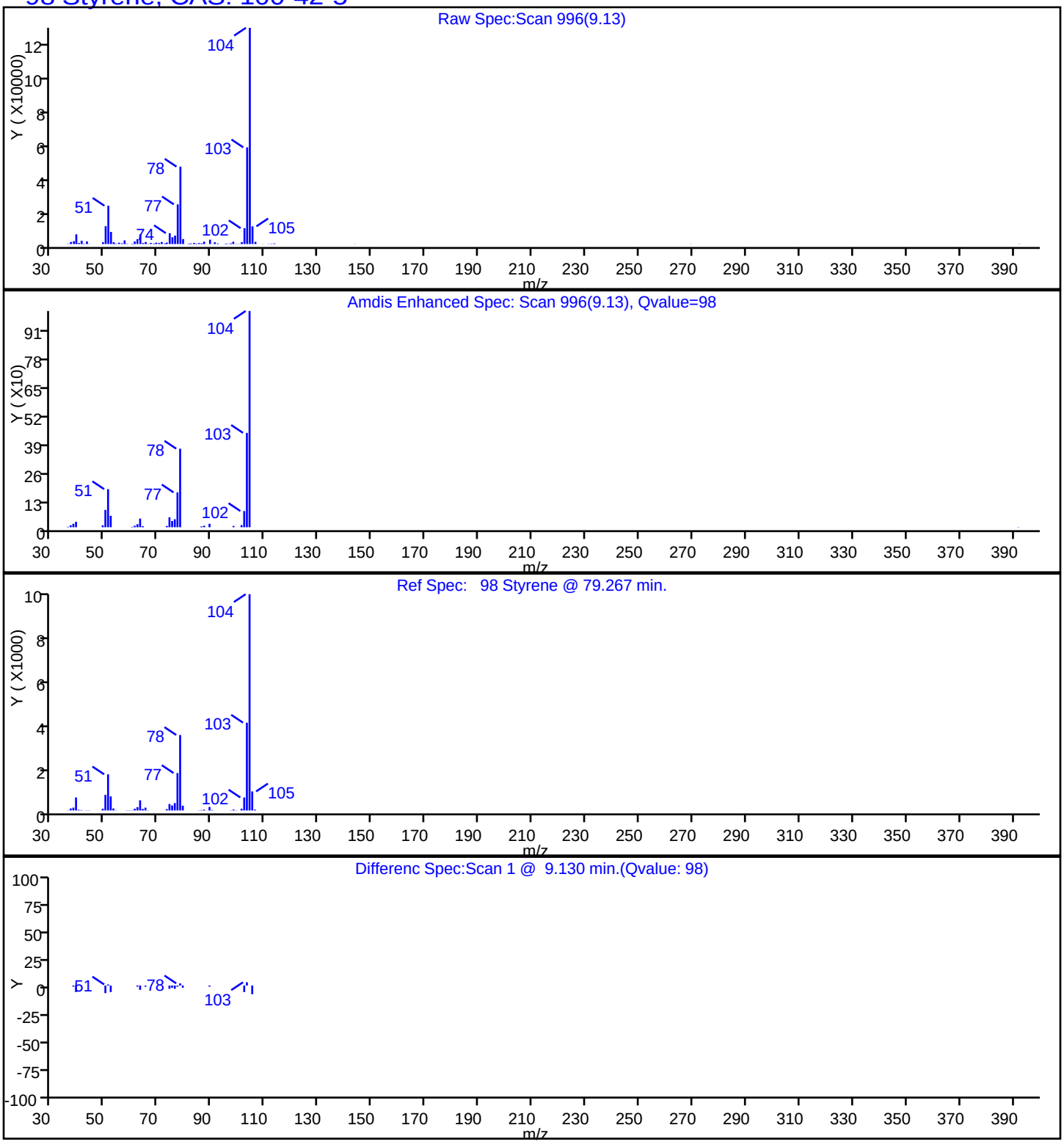
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

98 Styrene, CAS: 100-42-5



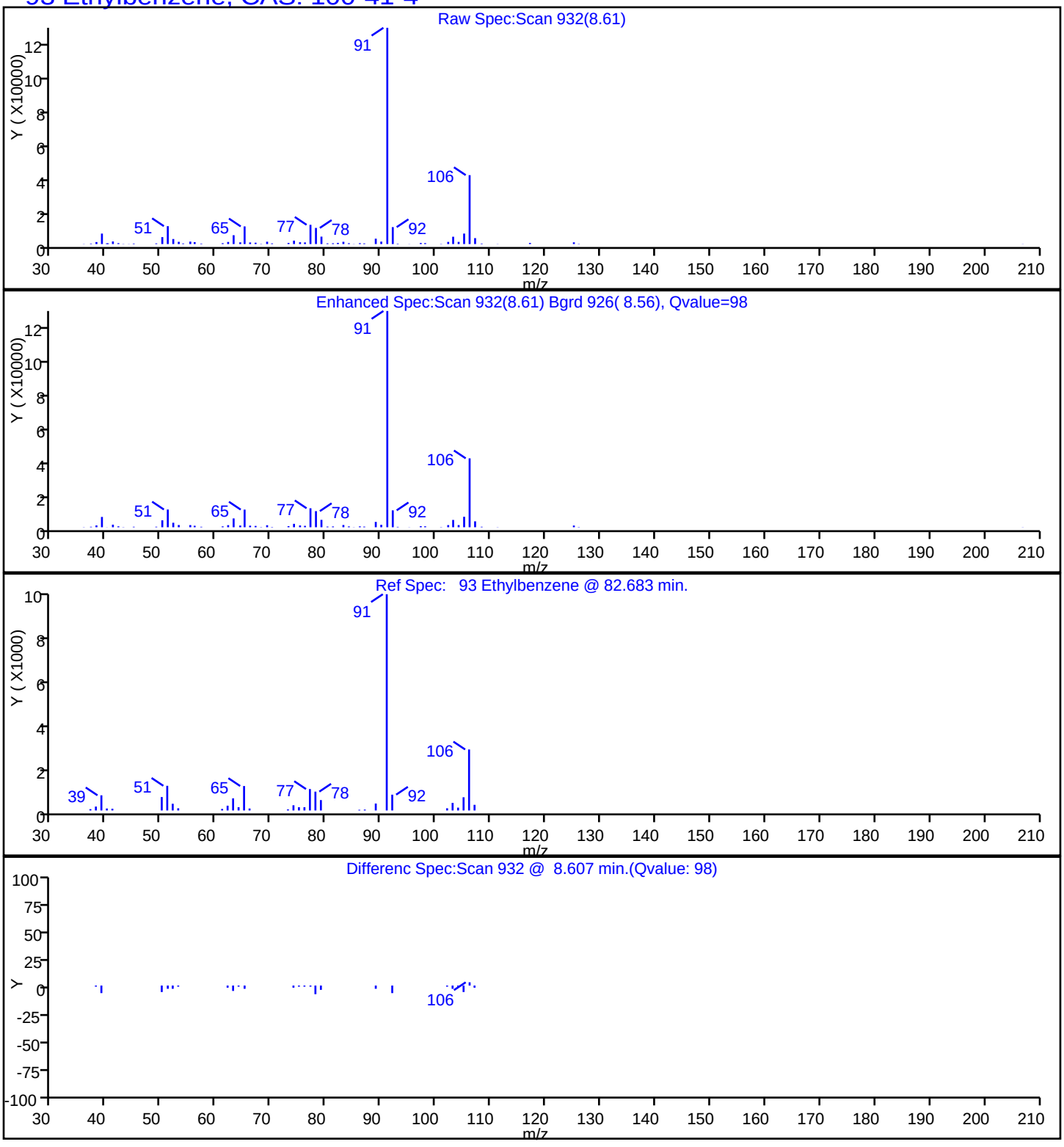
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

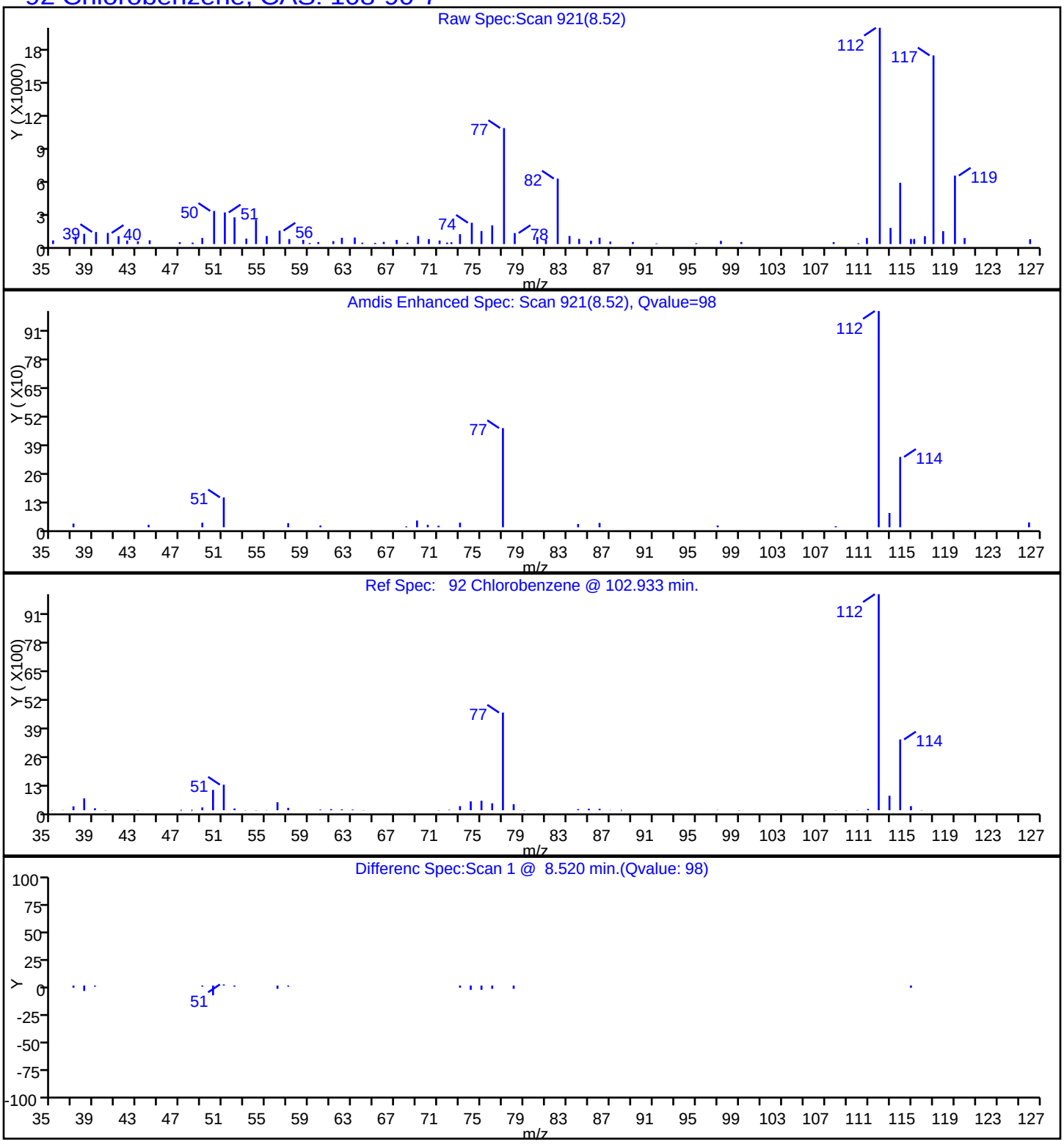
93 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 Chlorobenzene, CAS: 108-90-7



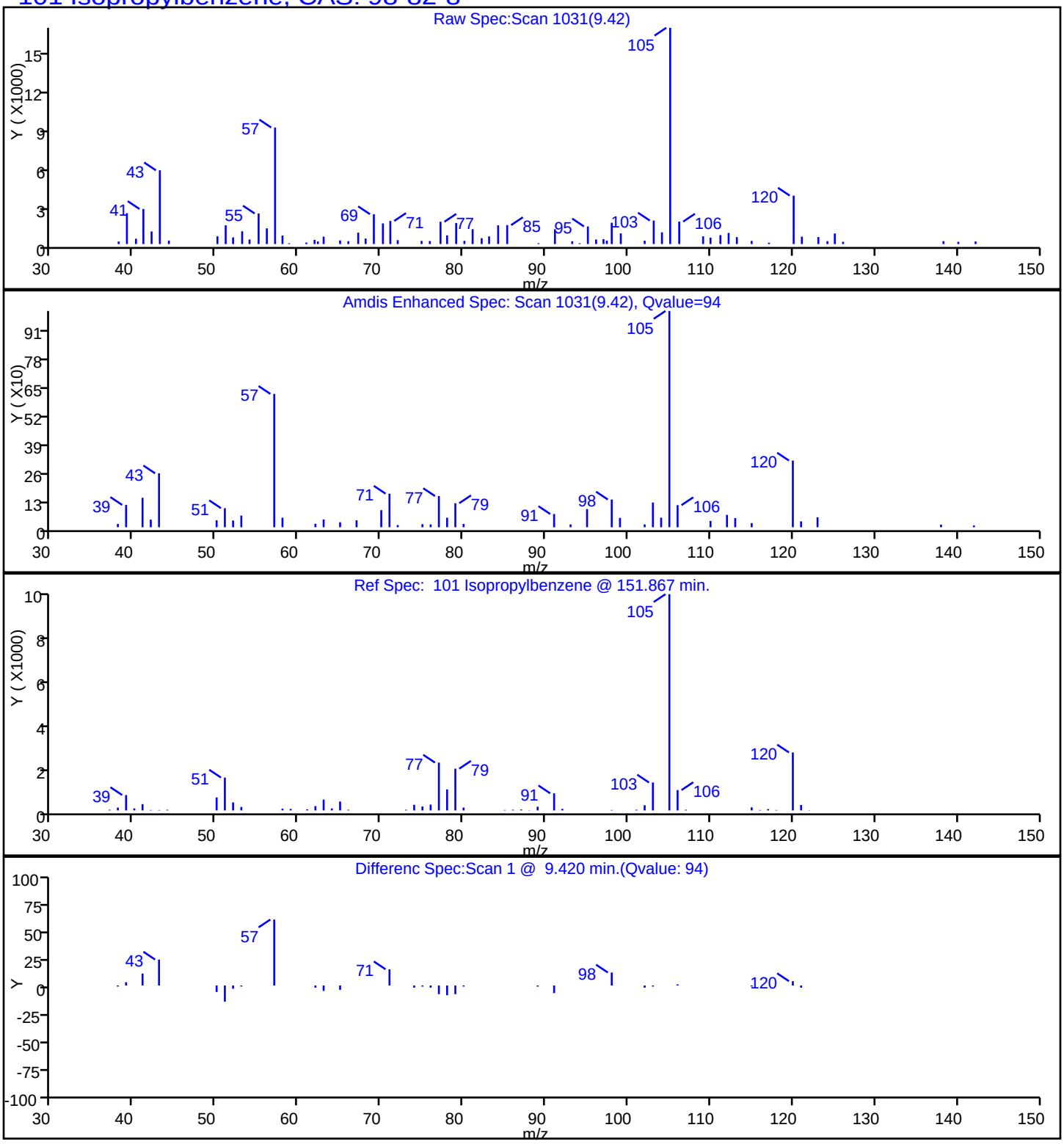
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Isopropylbenzene, CAS: 98-82-8



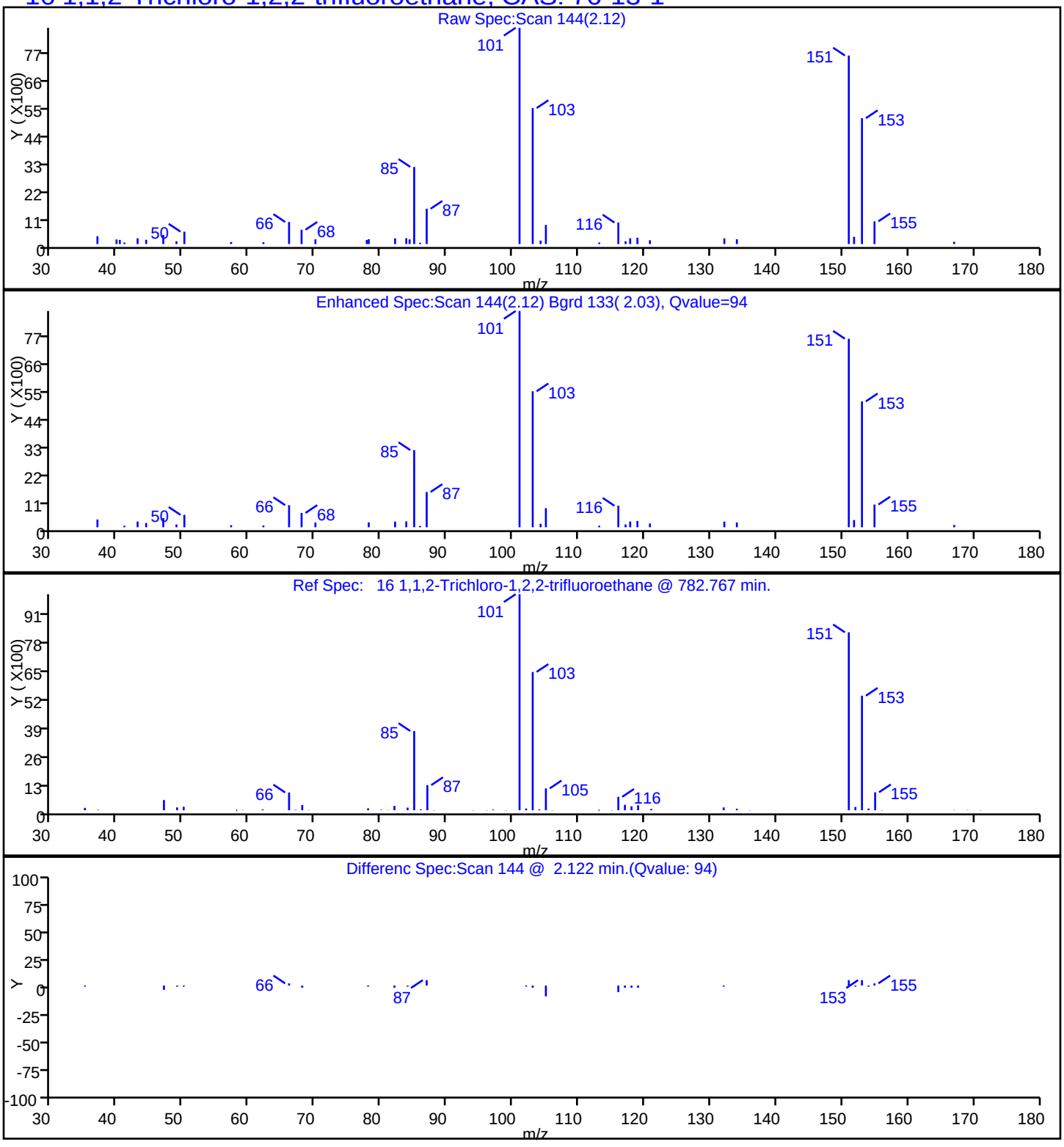
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

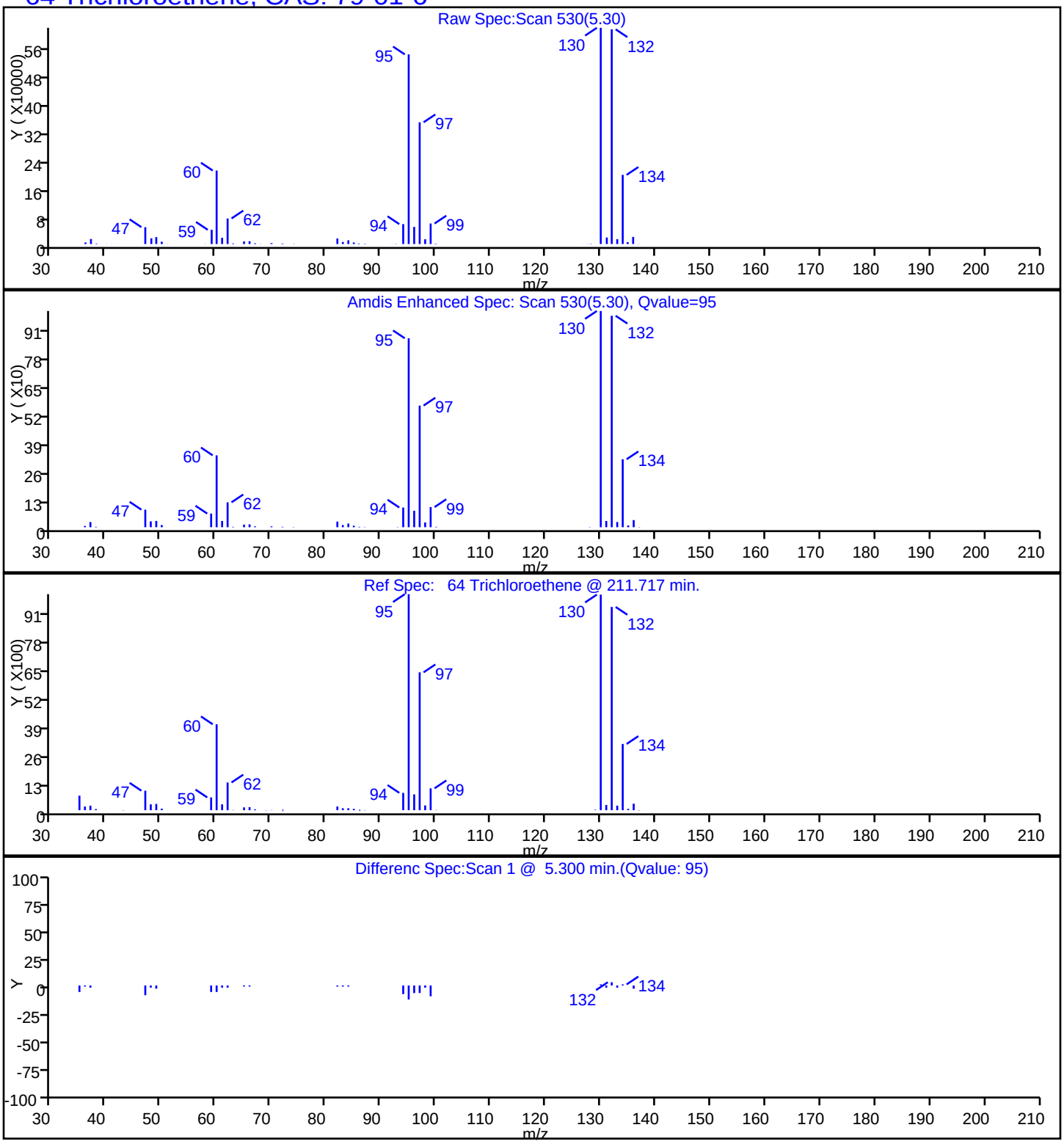
16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

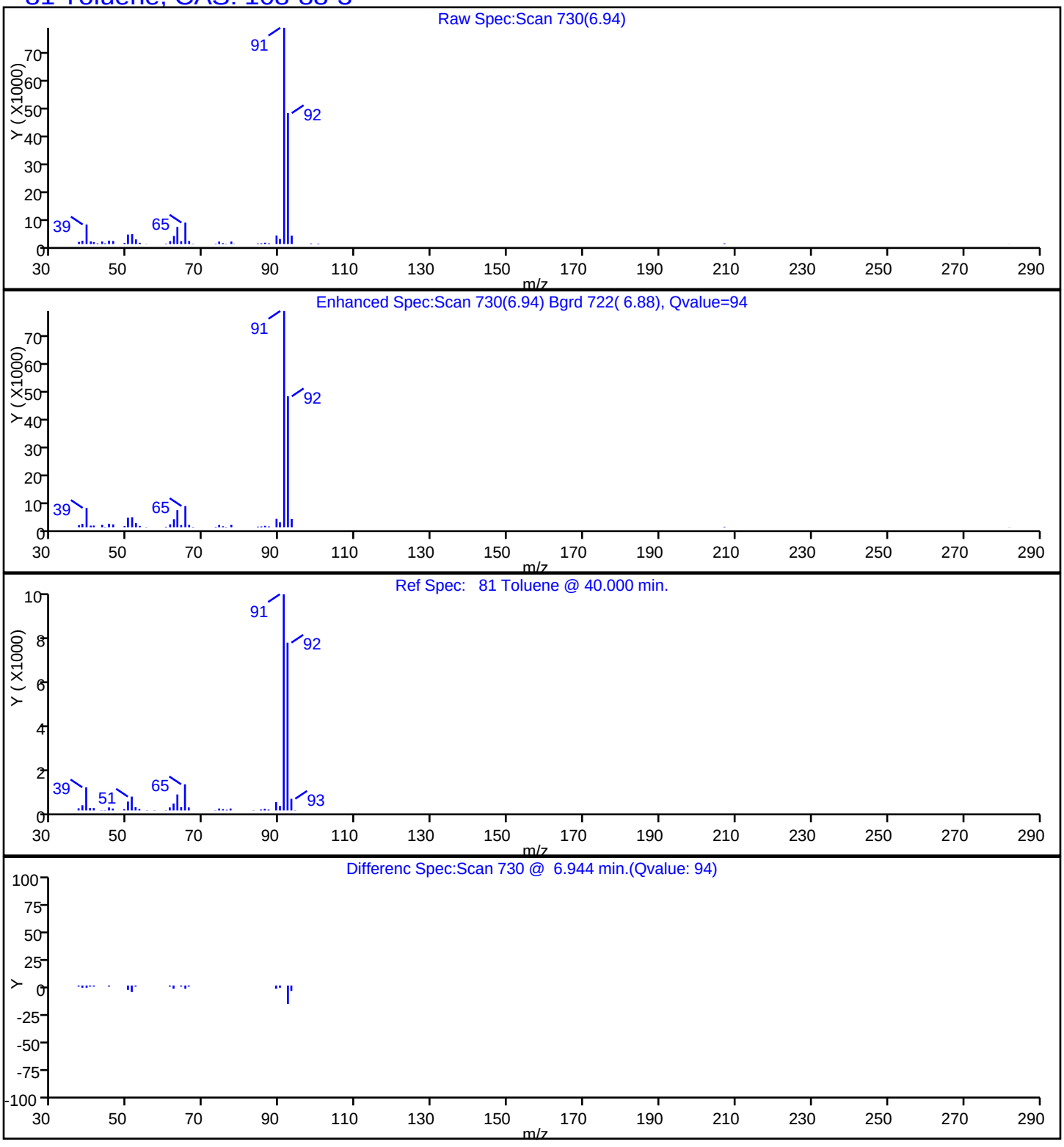
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

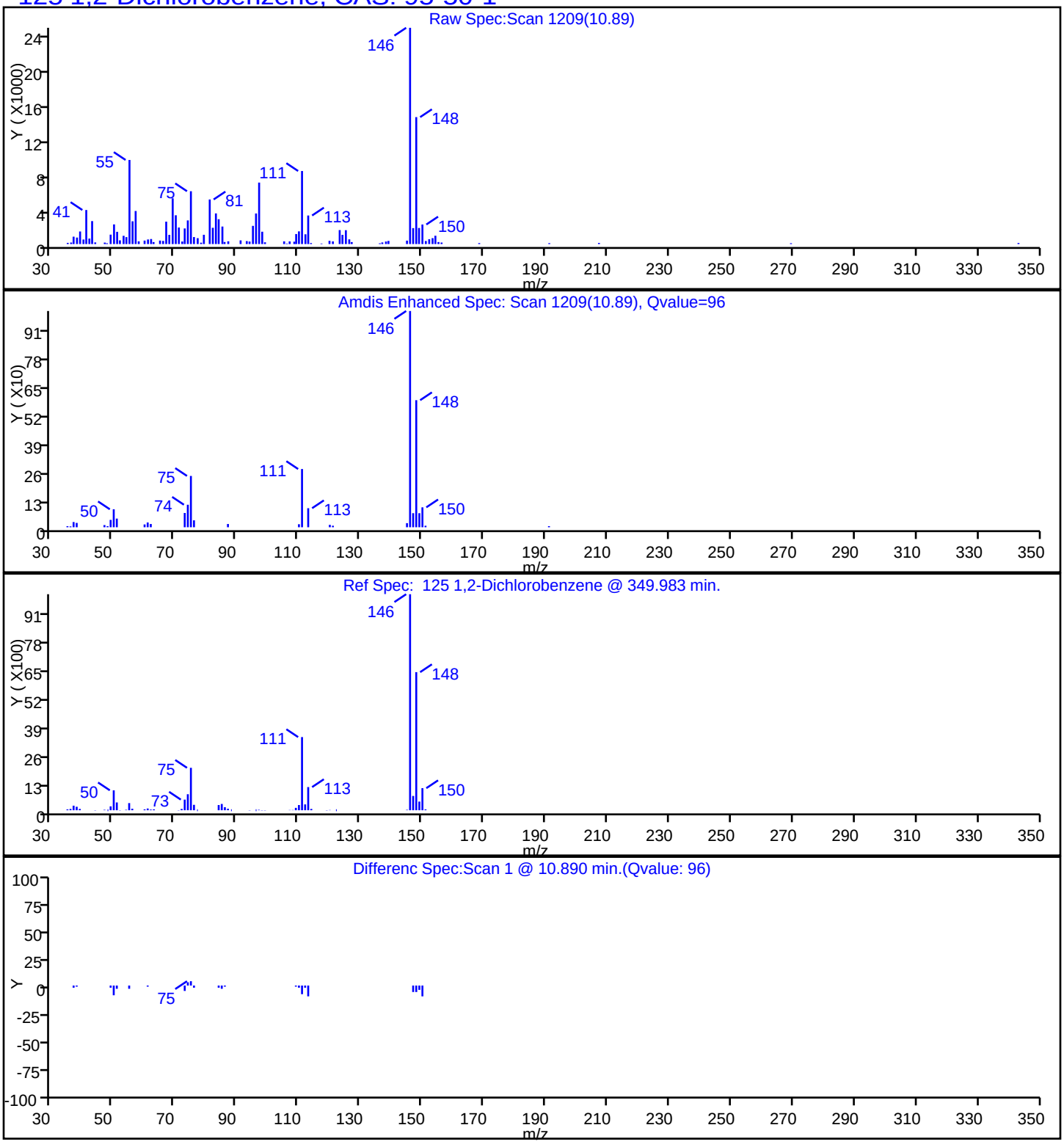
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

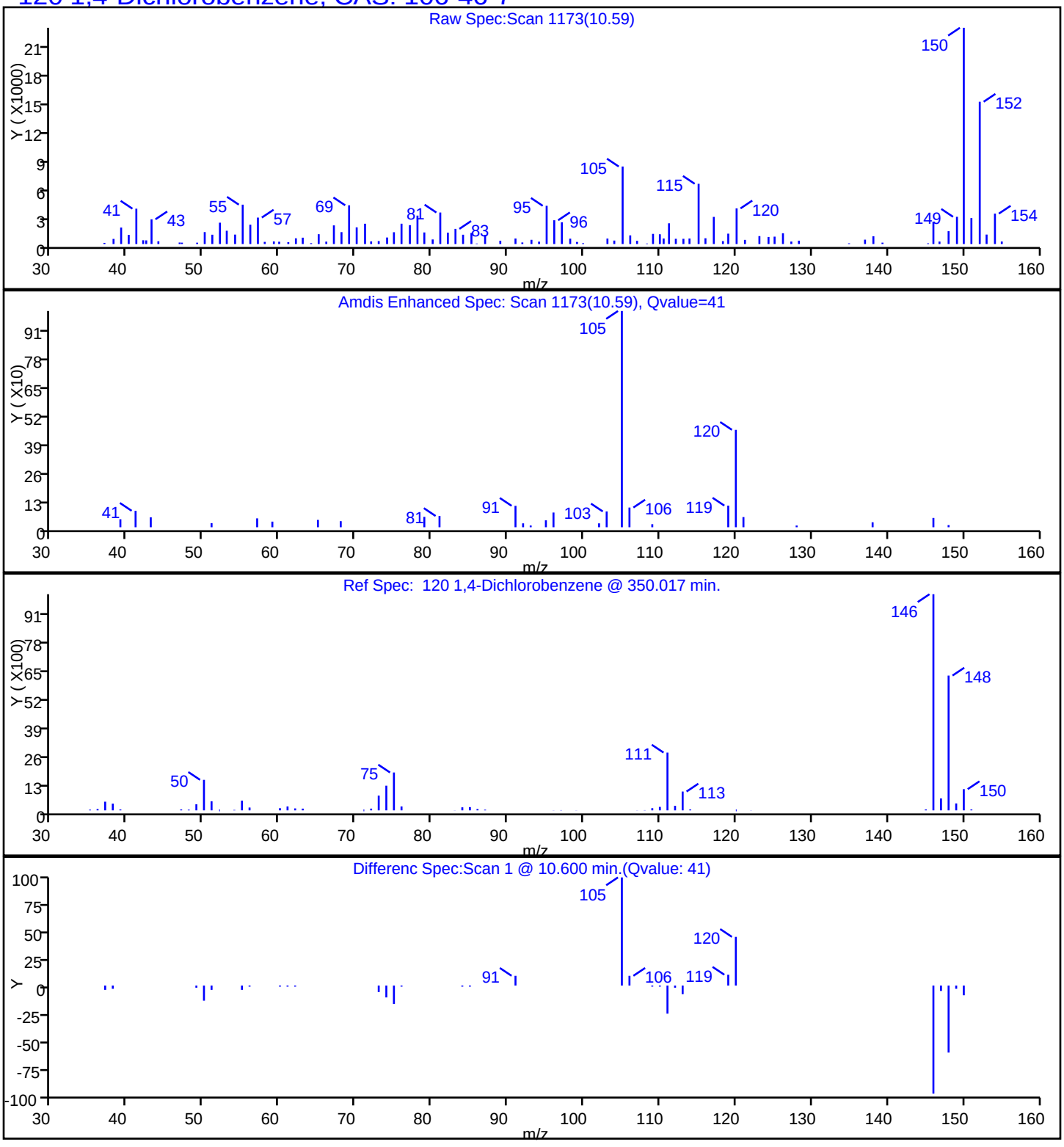
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

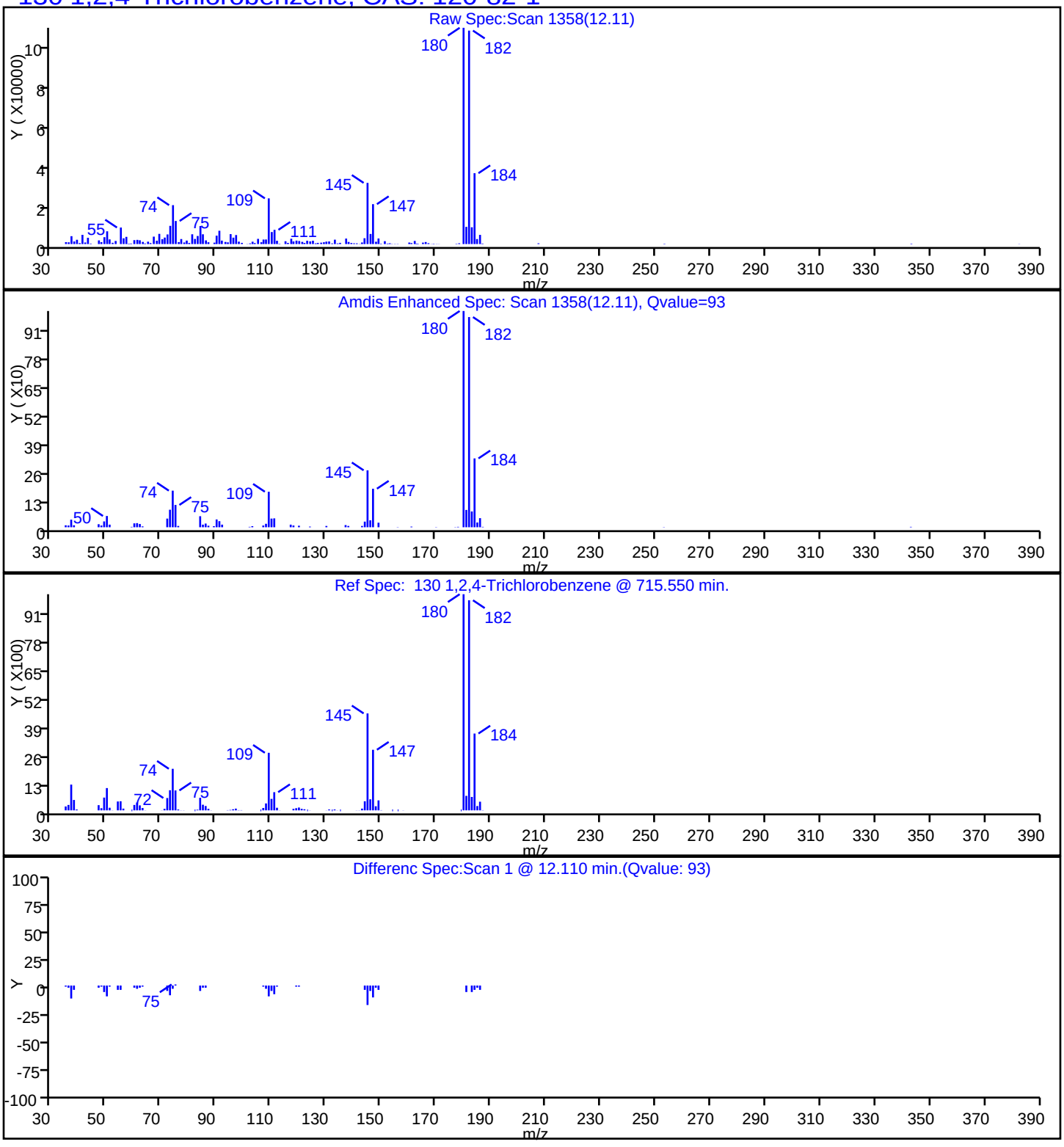
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

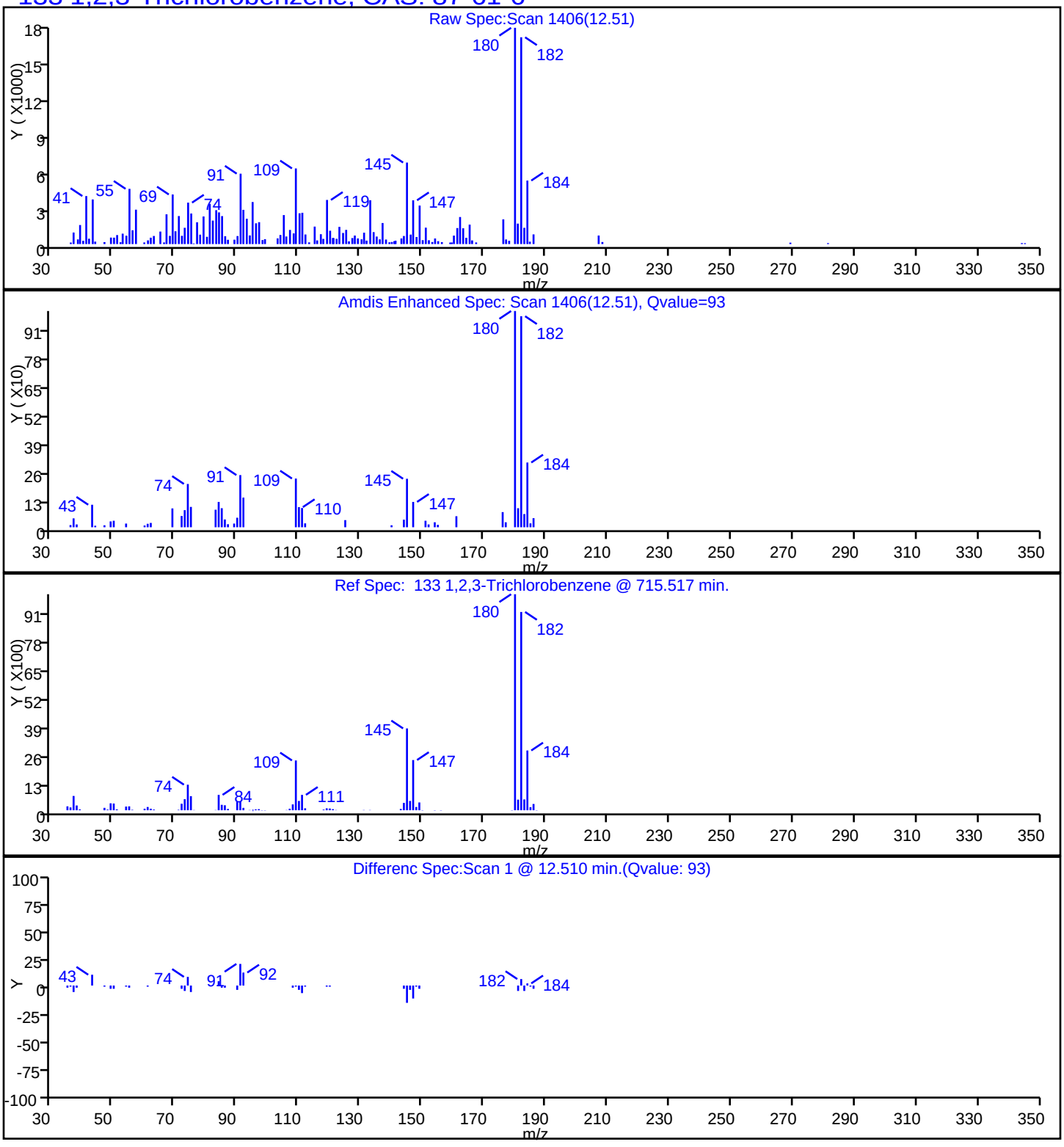
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

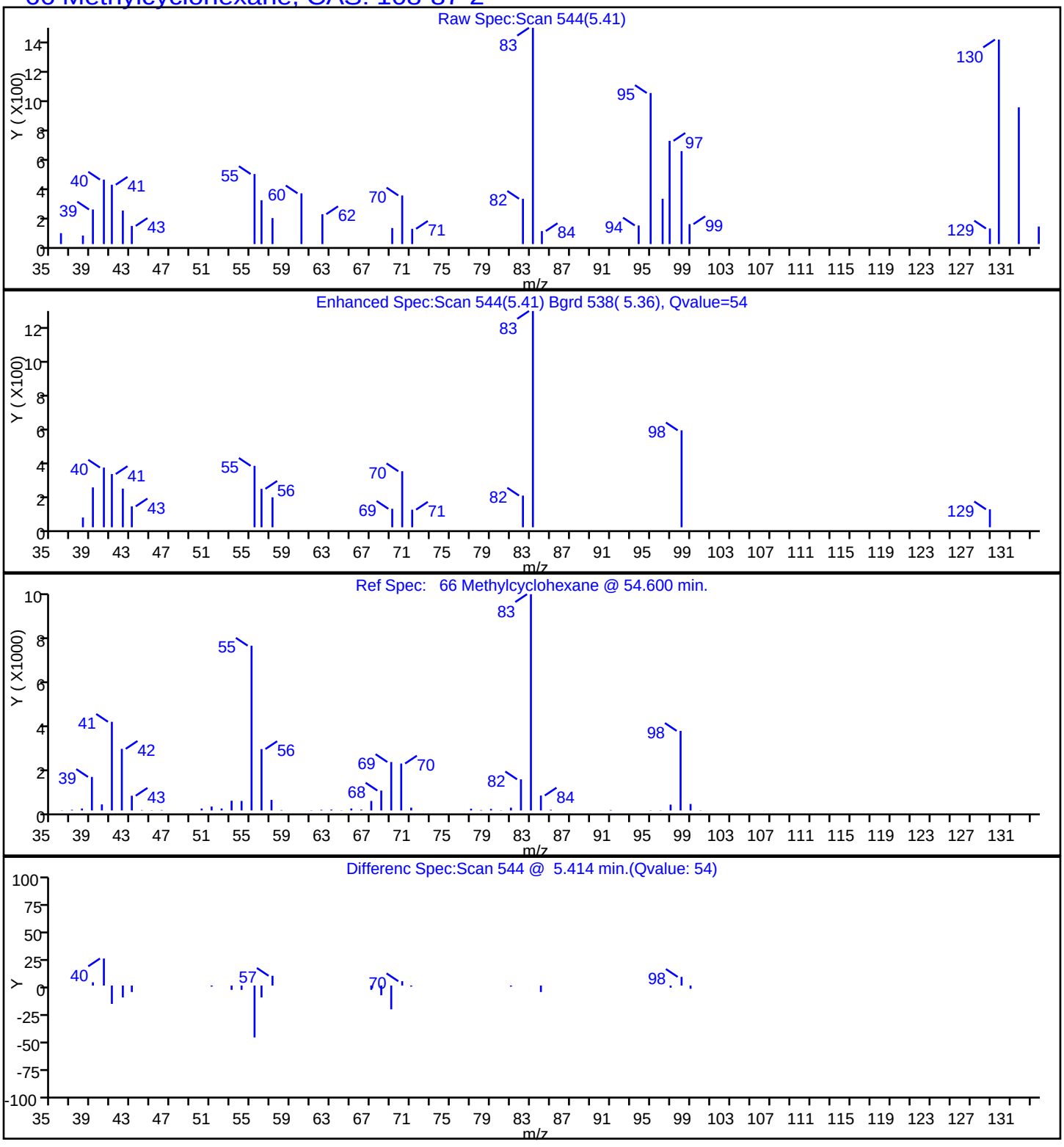
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

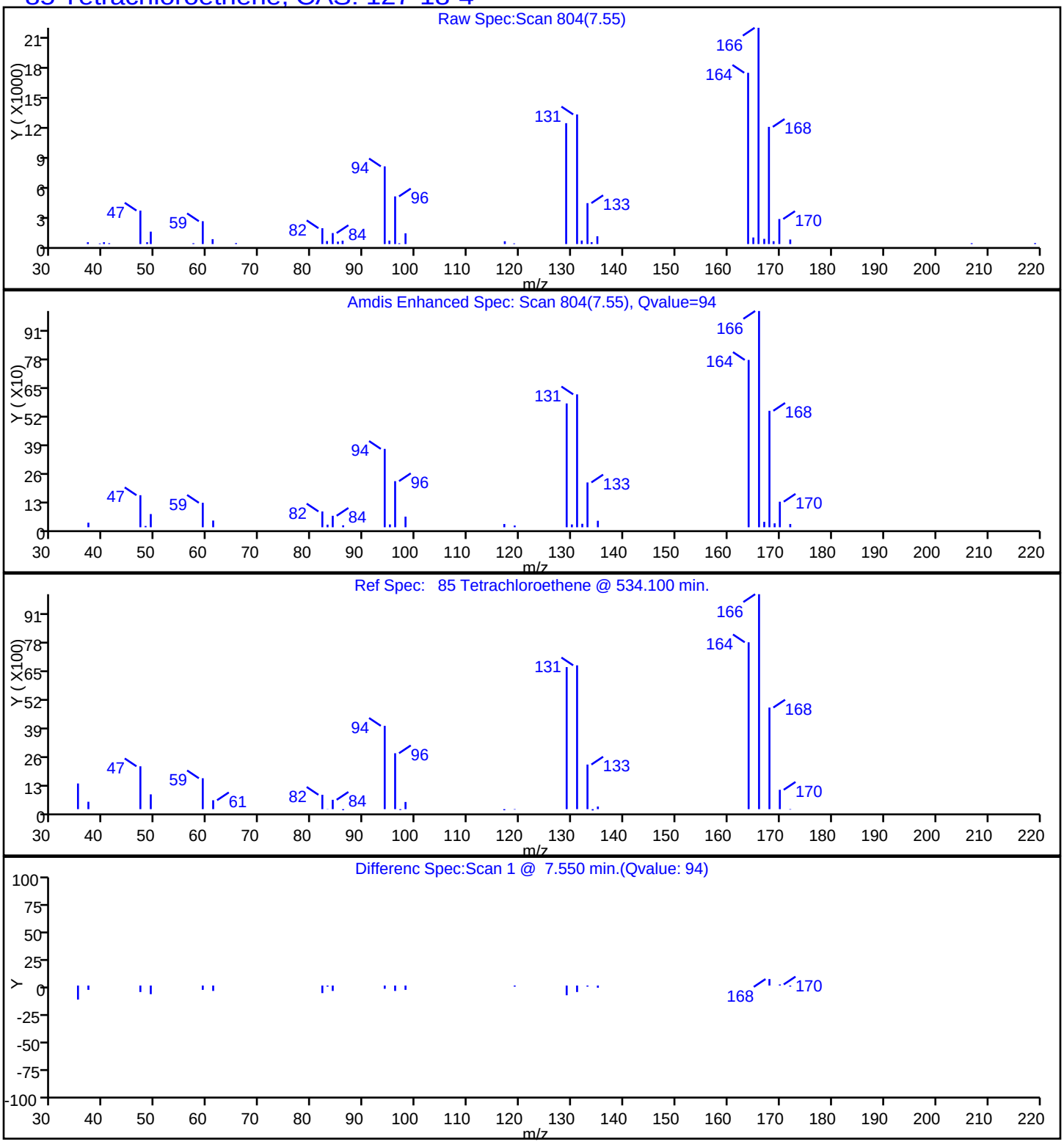
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

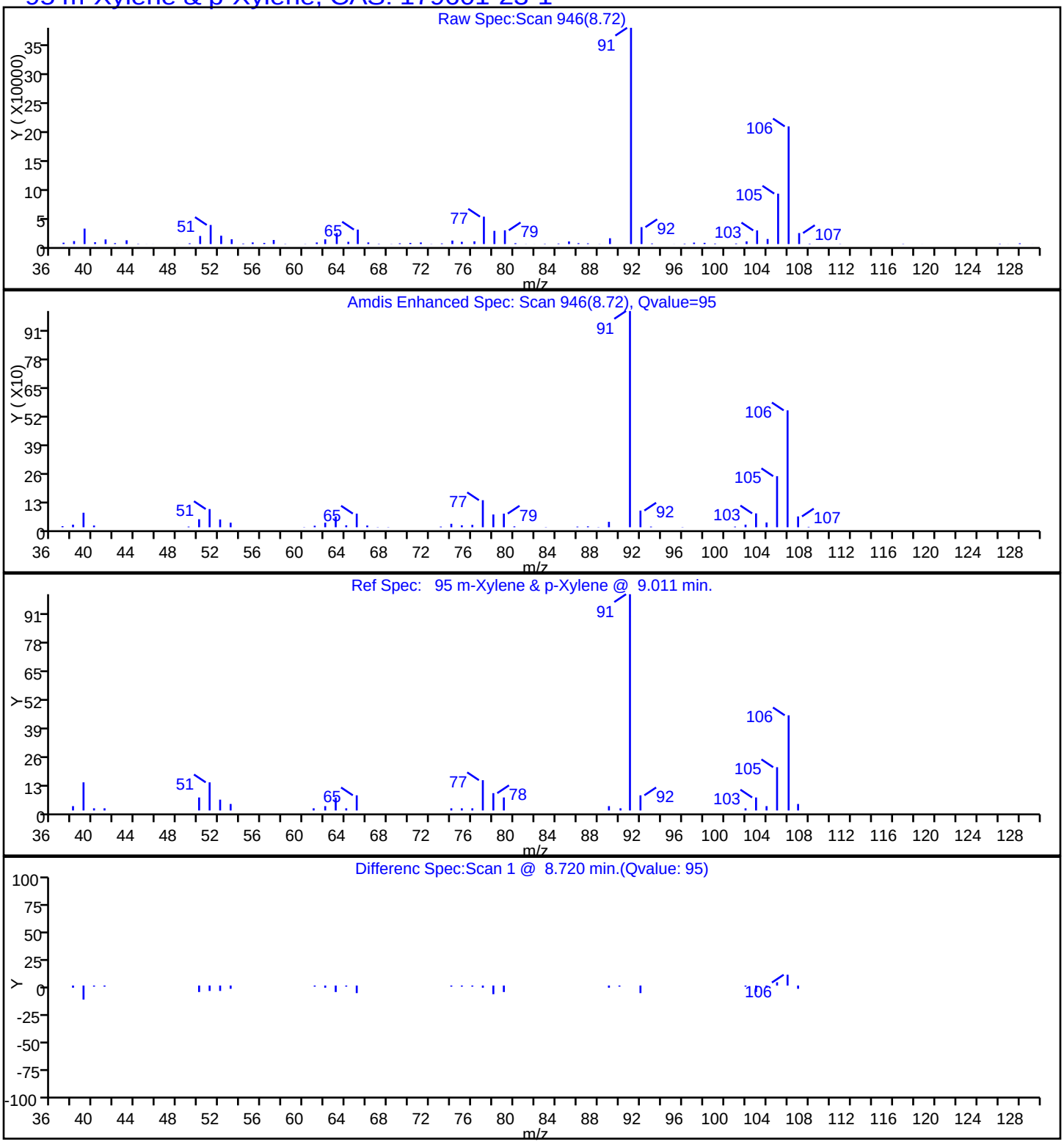
85 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



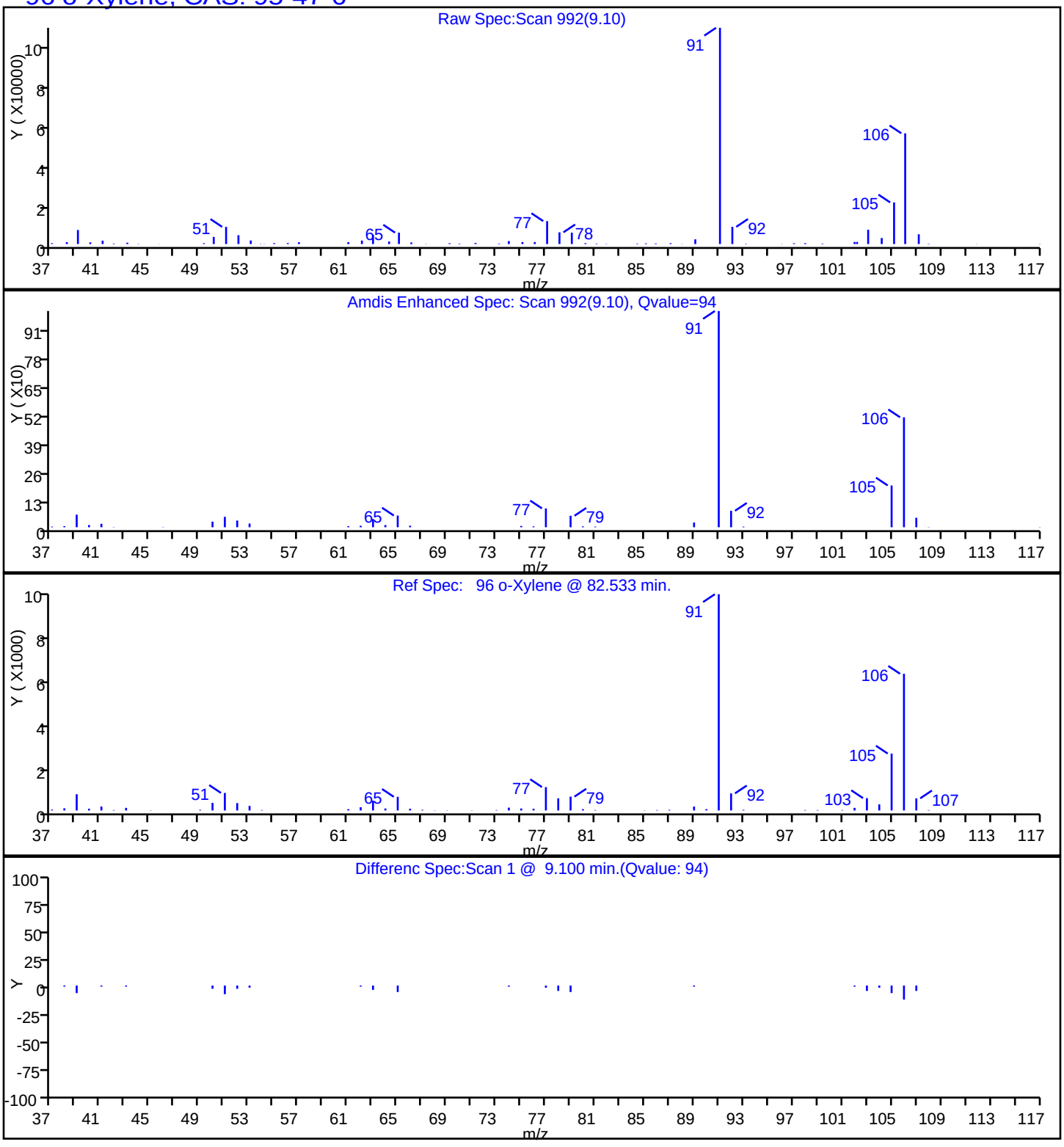
Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

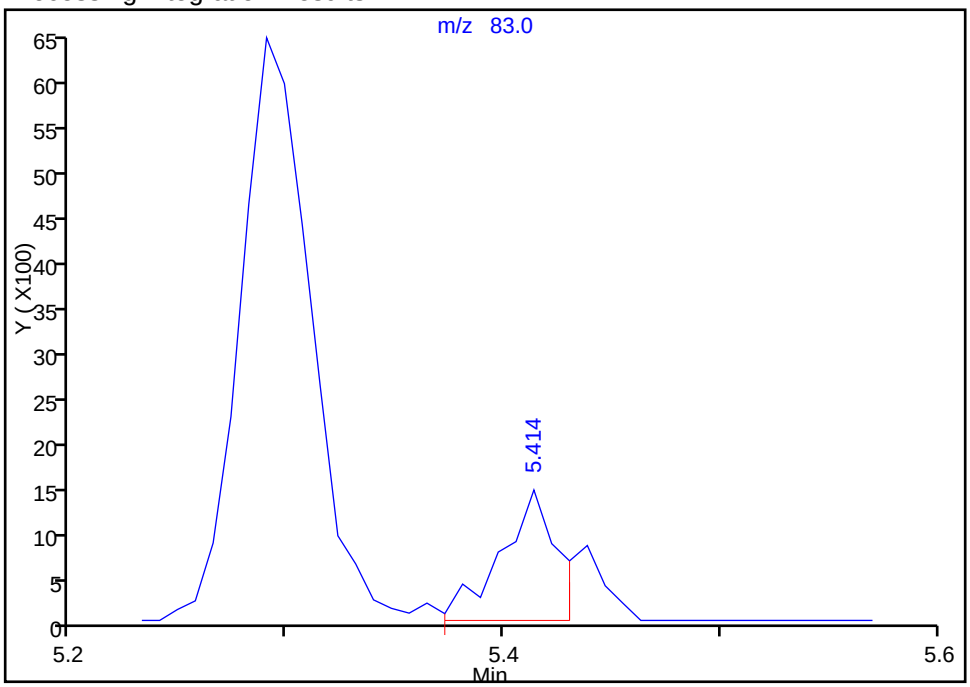
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

66 Methylcyclohexane, CAS: 108-87-2

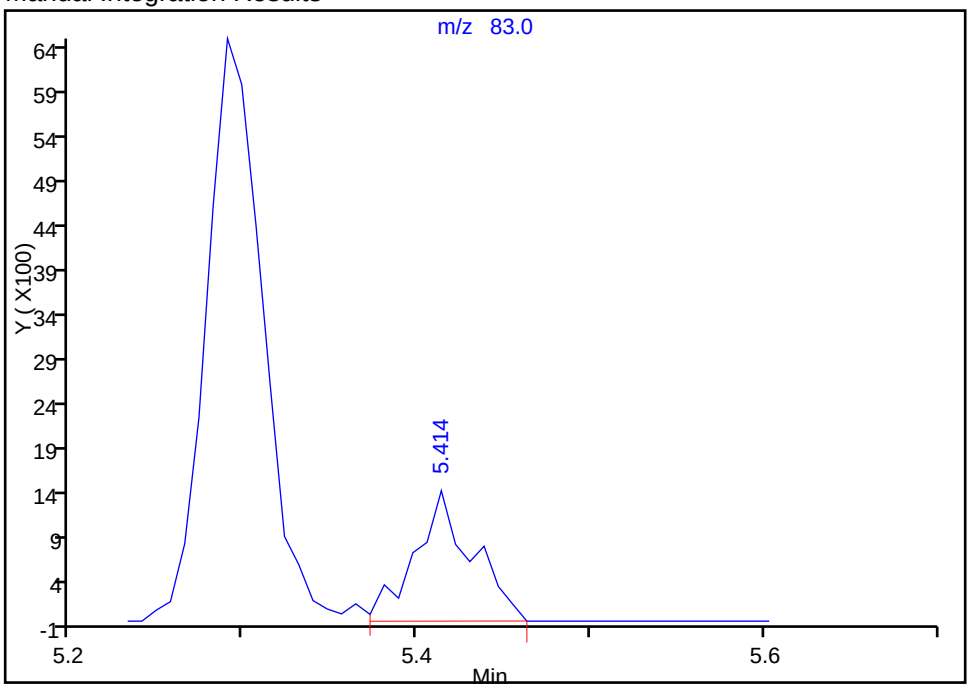
Processing Integration Results

RT: 5.41
Area: 2604
Amount: 1.158596
Amount Units: ug/l



Manual Integration Results

RT: 5.41
Area: 3288
Amount: 1.462928
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 13:42:37
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Report Date: 11-Nov-2015 13:42:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date: 09-Nov-2015 18:01:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

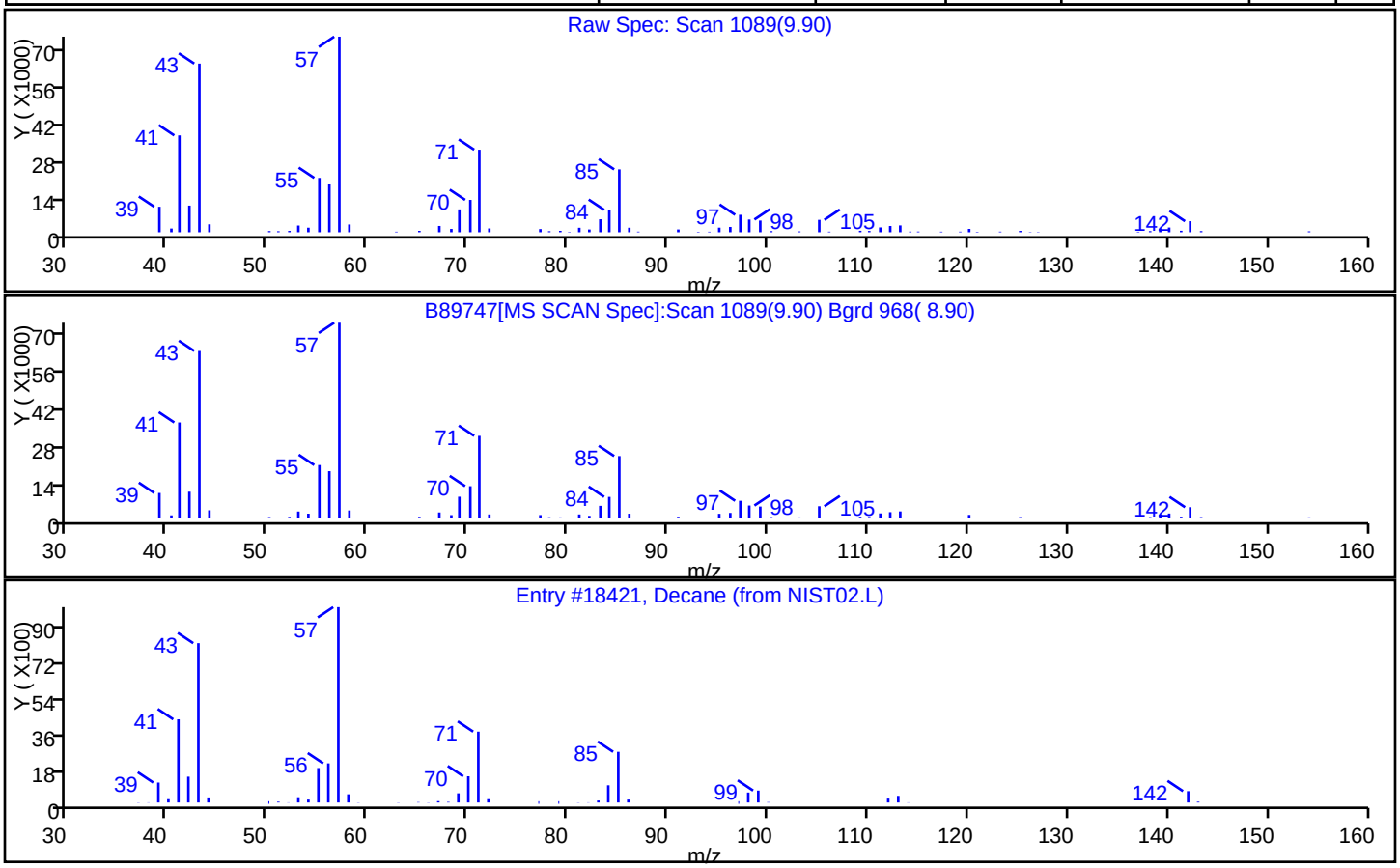
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18421	C10H22	142	97

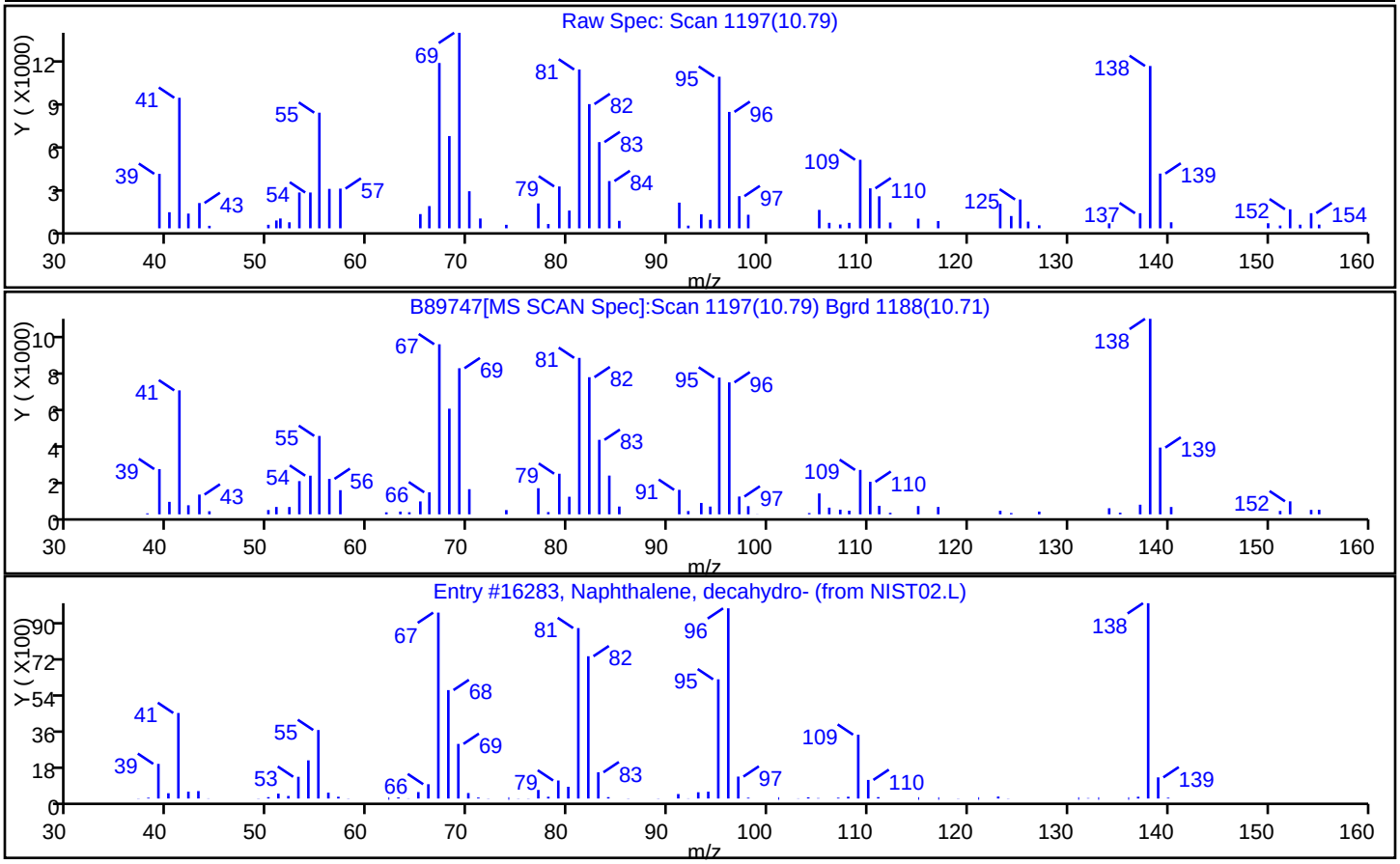


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

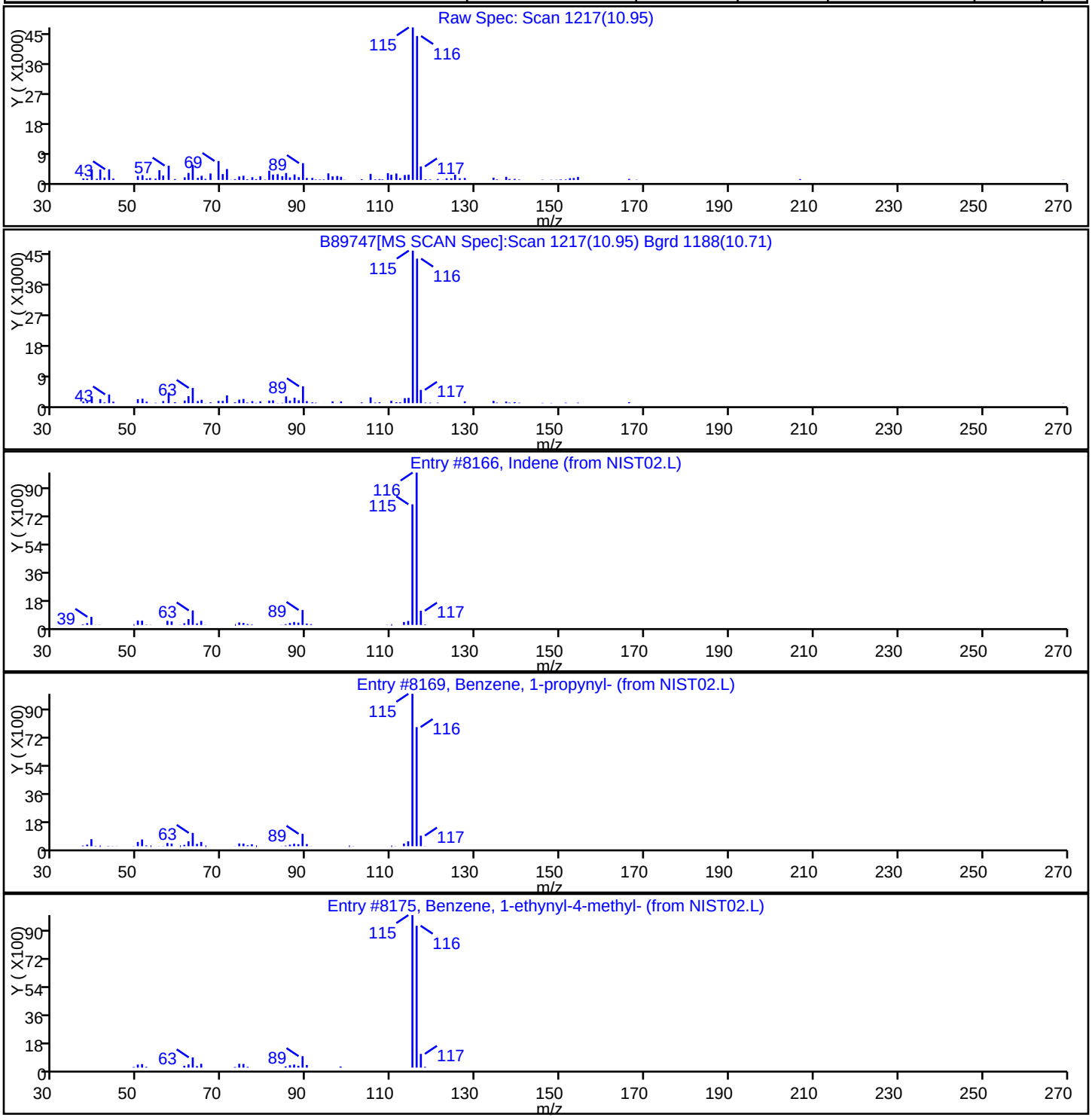
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16283	C10H18	138	96



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D
Injection Date: 09-Nov-2015 18:01:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indene	95-13-6	NIST02.L	8166	C9H8	116	97
Benzene, 1-propynyl-	673-32-5	NIST02.L	8169	C9H8	116	91
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.L	8175	C9H8	116	90

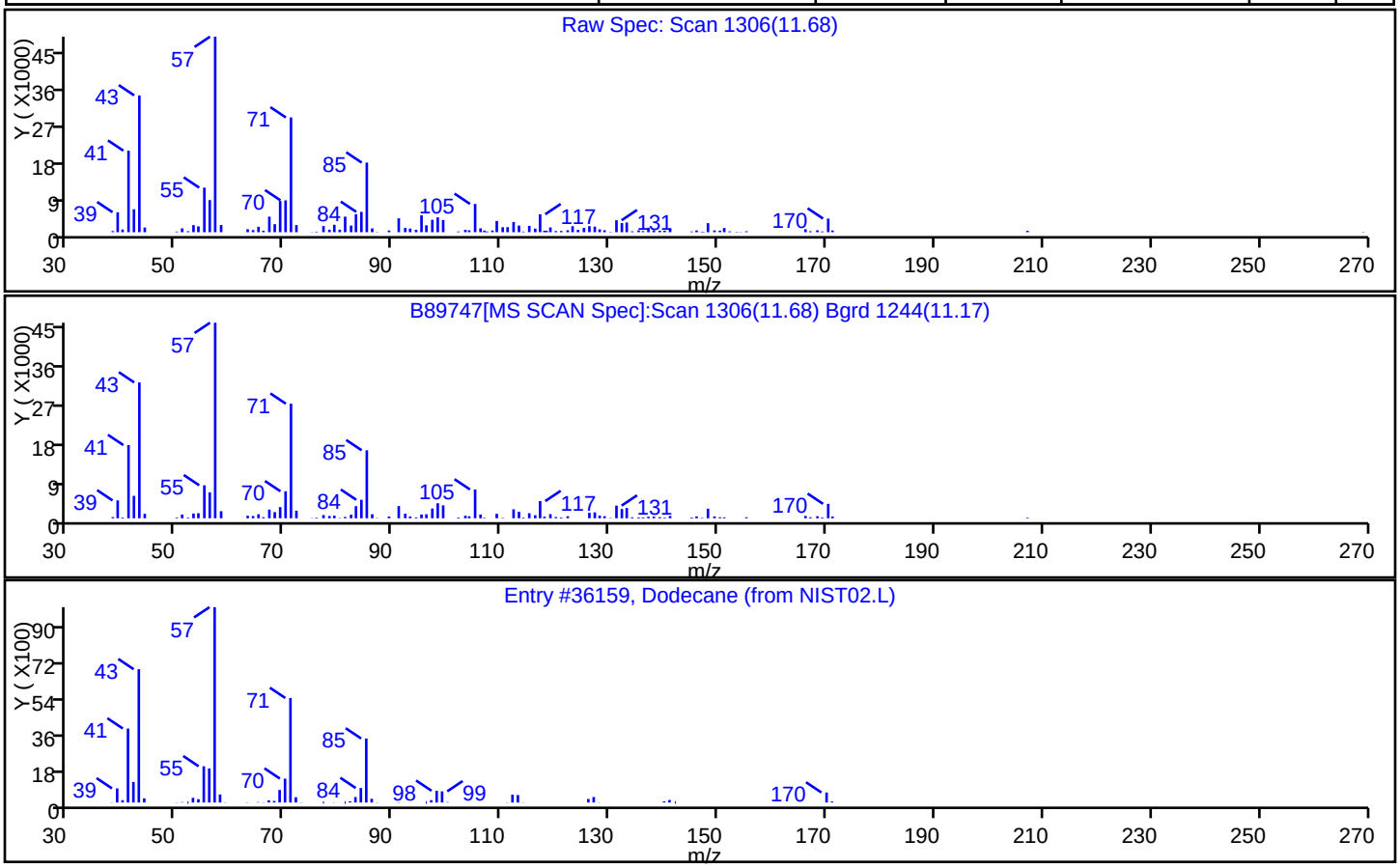


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	96



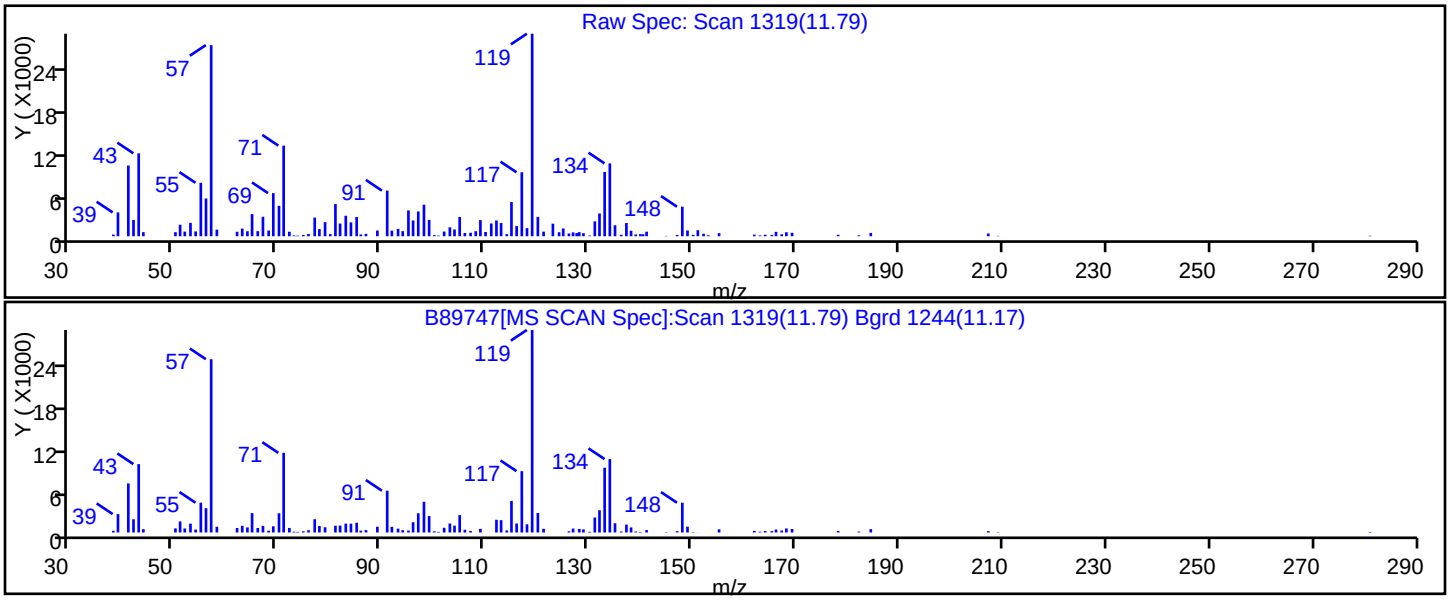
Report Date: 11-Nov-2015 13:42:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

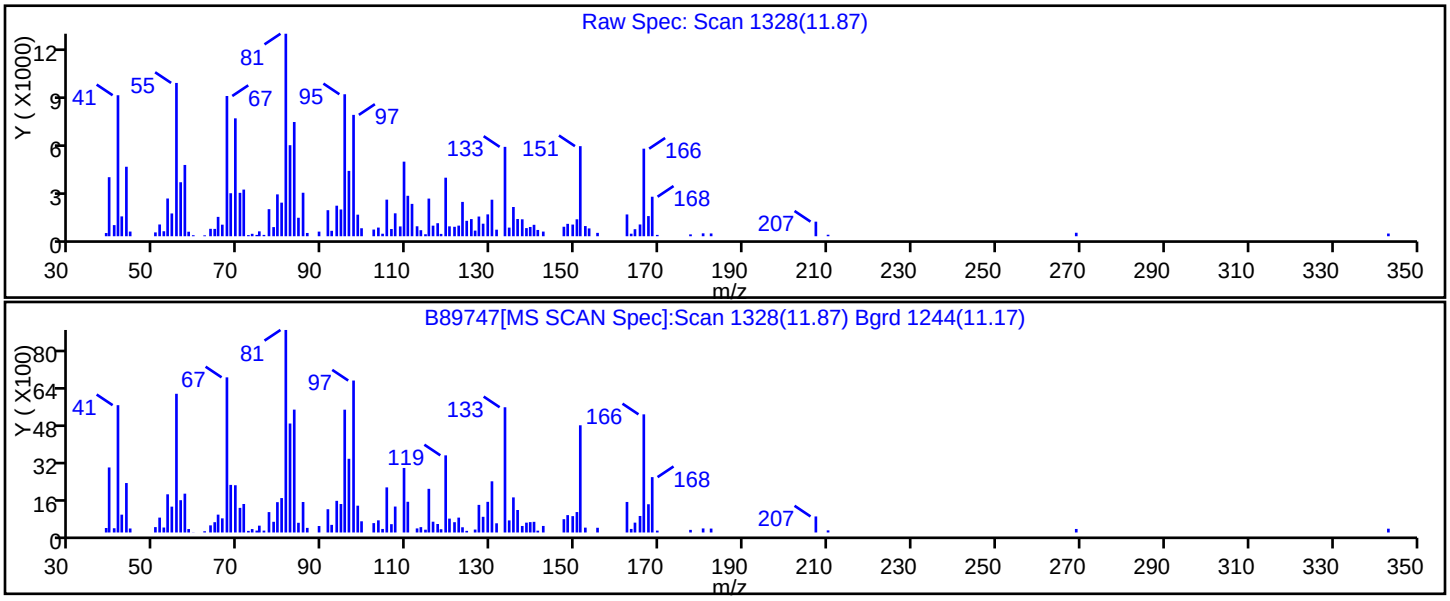


Report Date: 11-Nov-2015 13:42:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D				
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



Report Date: 11-Nov-2015 13:42:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date: 09-Nov-2015 18:01:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

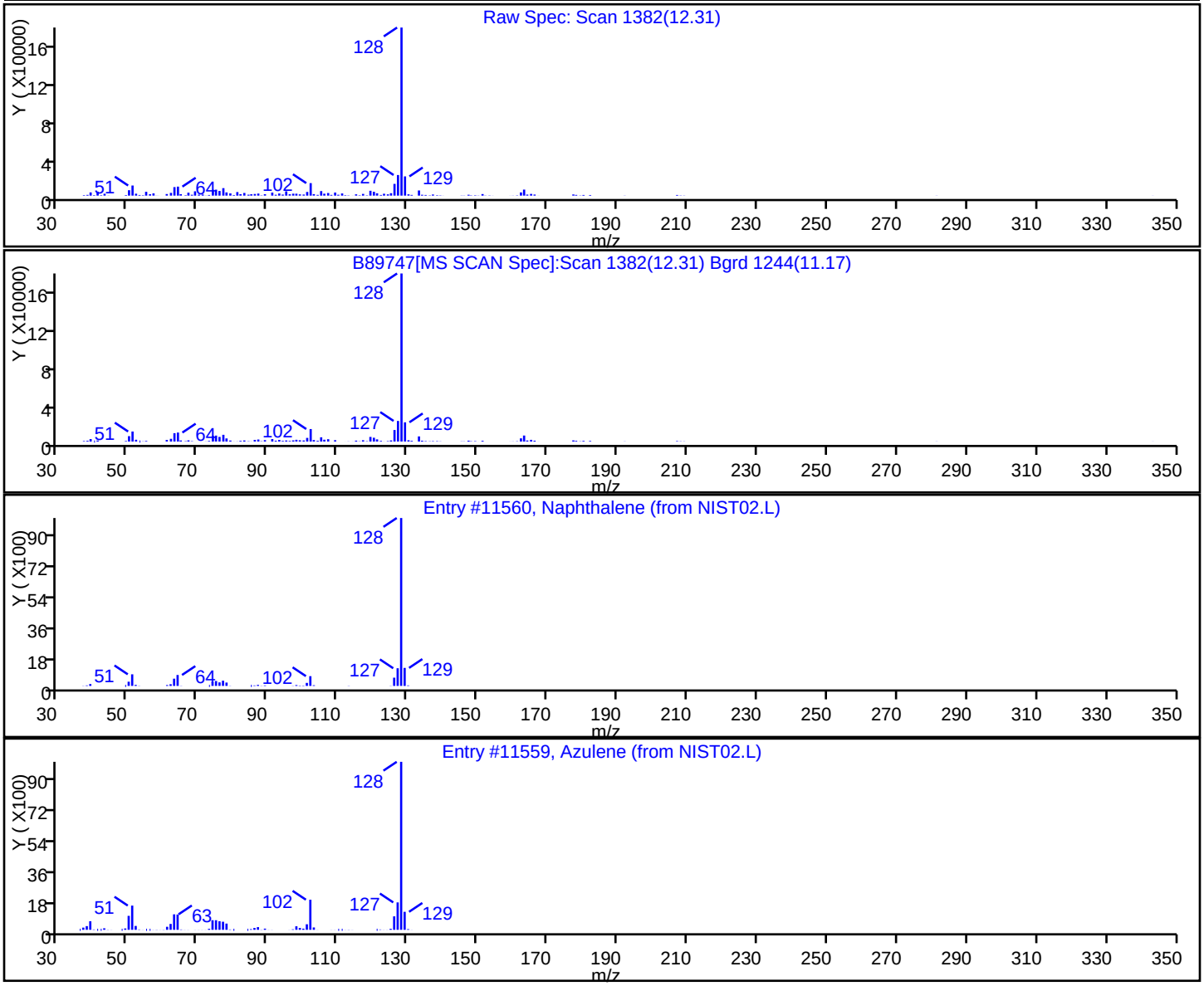
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1000.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02.L	11560	C10H8	128	93
Azulene	275-51-4	NIST02.L	11559	C10H8	128	90

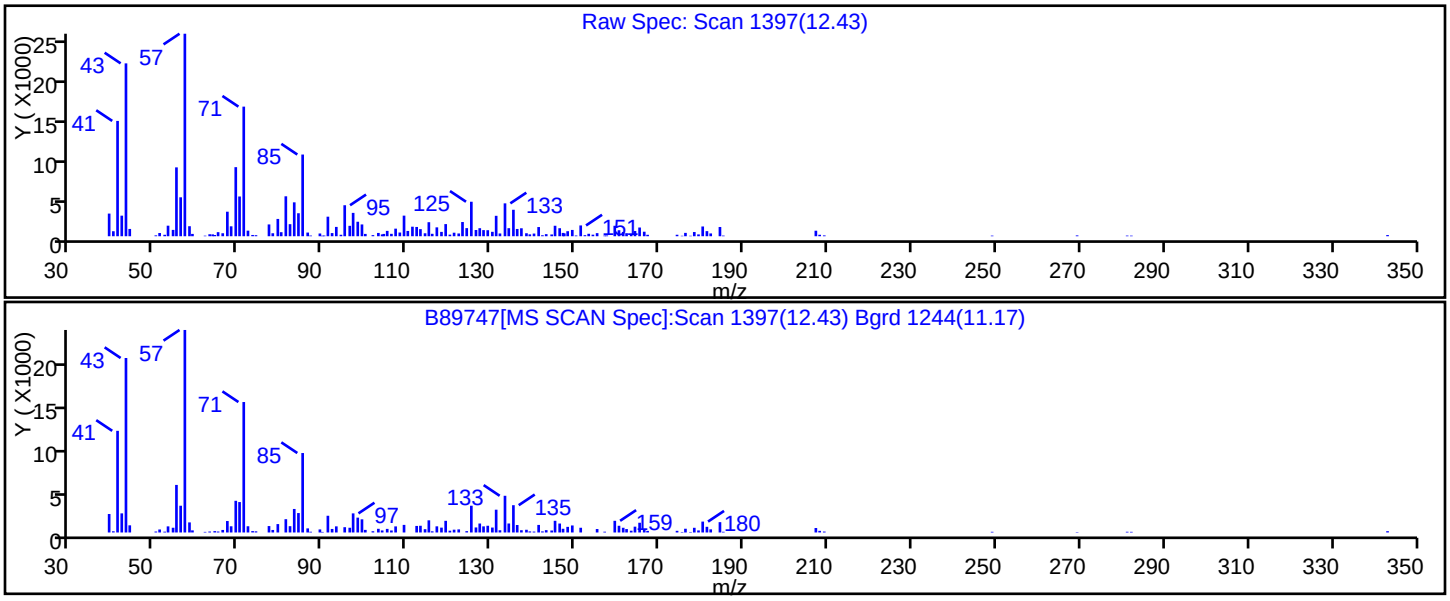


Report Date: 11-Nov-2015 13:42:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D		
Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8
Client ID:	PMP-24-NW2-DV		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

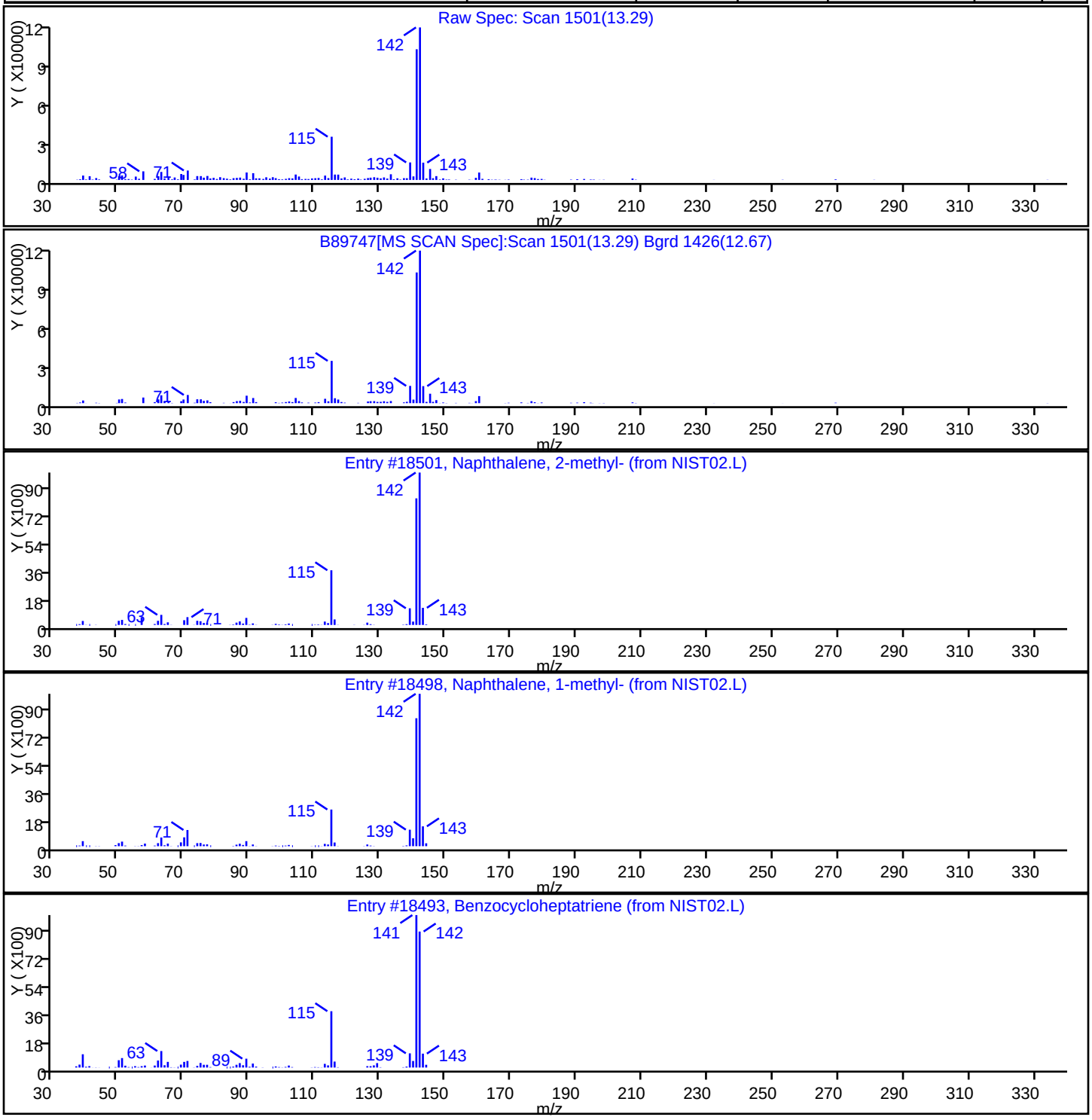
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D
Injection Date: 09-Nov-2015 18:01:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1000.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	94
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18498	C11H10	142	94
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	91



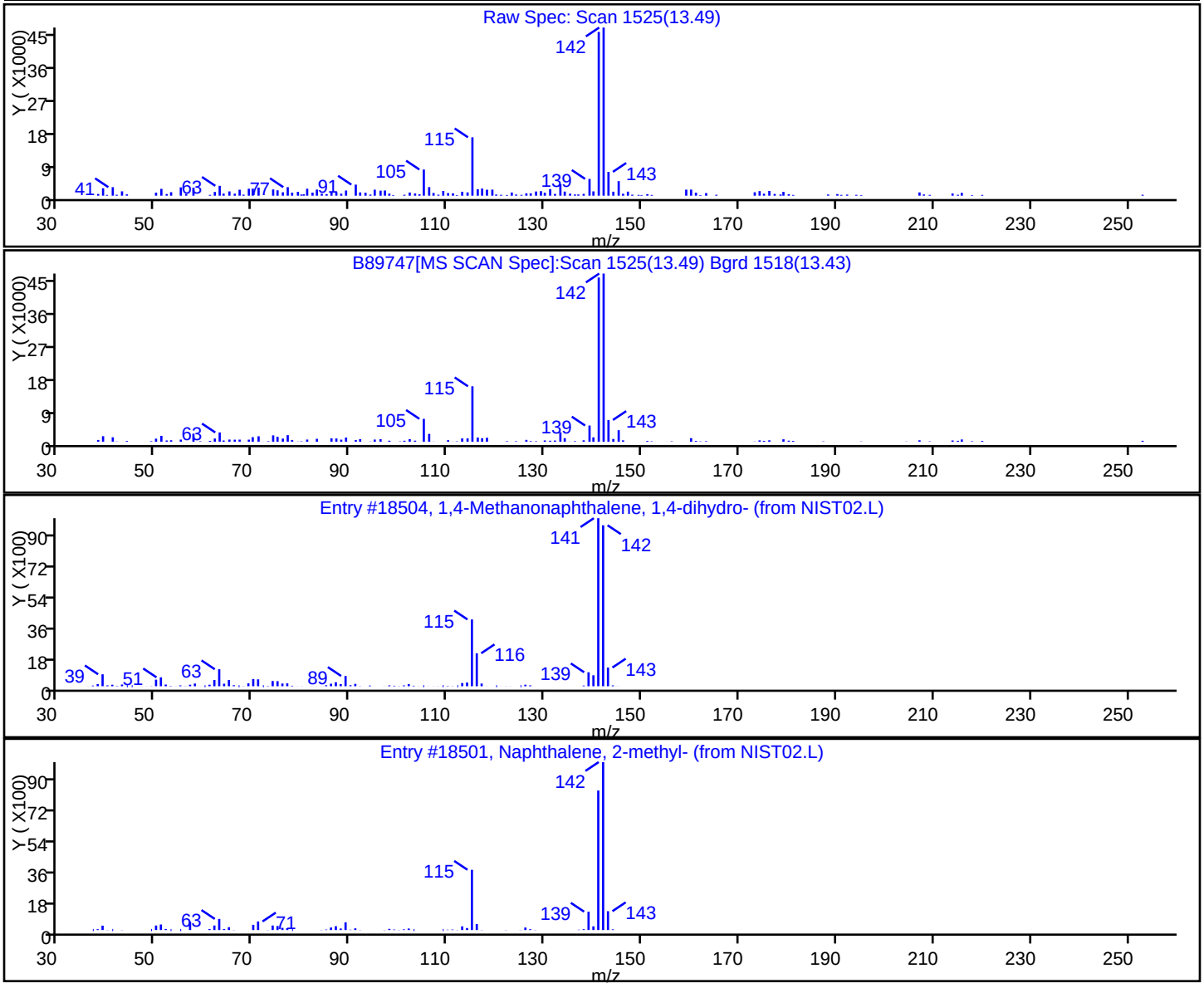
Report Date: 11-Nov-2015 13:42:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89747.D

Injection Date:	09-Nov-2015 18:01:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1000.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	87
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT | Lab Sample ID: 460-104096-9

Matrix: Solid | Lab File ID: B89746.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:40

Sample wt/vol: 4.468(g) | Date Analyzed: 11/09/2015 17:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.6 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	280	U	1300	280
74-83-9	Bromomethane	230	U	1300	230
75-01-4	Vinyl chloride	250	U	1300	250
75-00-3	Chloroethane	460	U	1300	460
75-09-2	Methylene Chloride	260	U	1300	260
67-64-1	Acetone	1300	U	6300	1300
75-15-0	Carbon disulfide	280	U	1300	280
75-69-4	Trichlorofluoromethane	190	U	1300	190
75-35-4	1,1-Dichloroethene	430	U	1300	430
75-34-3	1,1-Dichloroethane	300	U	1300	300
156-60-5	trans-1,2-Dichloroethene	230	U	1300	230
156-59-2	cis-1,2-Dichloroethene	4800		1300	330
67-66-3	Chloroform	280	U	1300	280
78-93-3	2-Butanone	2800	U	6300	2800
107-06-2	1,2-Dichloroethane	310	U	1300	310
71-55-6	1,1,1-Trichloroethane	1200	J	1300	350
56-23-5	Carbon tetrachloride	410	U	1300	410
71-43-2	Benzene	240	U	1300	240
75-25-2	Bromoform	230	U	1300	230
100-42-5	Styrene	24000		1300	210
100-41-4	Ethylbenzene	23000		1300	380
108-90-7	Chlorobenzene	4900		1300	300
110-82-7	Cyclohexane	330	U	1300	330
98-82-8	Isopropylbenzene	3000		1300	400
591-78-6	2-Hexanone	900	U	6300	900
1634-04-4	MTBE	160	U	1300	160
76-13-1	Freon TF	15000		1300	430
79-20-9	Methyl acetate	730	U	6300	730
123-91-1	1,4-Dioxane	11000	U *	31000	11000
79-01-6	Trichloroethene	440000		1300	280
108-88-3	Toluene	17000		1300	310
10061-02-6	trans-1,3-Dichloropropene	240	U	1300	240
108-10-1	4-Methyl-2-pentanone	790	U	6300	790
10061-01-5	cis-1,3-Dichloropropene	200	U	1300	200
95-50-1	1,2-Dichlorobenzene	7900		1300	280
541-73-1	1,3-Dichlorobenzene	410	U	1300	410

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT | Lab Sample ID: 460-104096-9

Matrix: Solid | Lab File ID: B89746.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:40

Sample wt/vol: 4.468(g) | Date Analyzed: 11/09/2015 17:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.6 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	630	J	1300	410
120-82-1	1,2,4-Trichlorobenzene	49000		1300	340
87-61-6	1,2,3-Trichlorobenzene	11000		1300	440
78-87-5	1,2-Dichloropropane	230	U	1300	230
108-87-2	Methylcyclohexane	3200		1300	280
127-18-4	Tetrachloroethene	20000		1300	450
1330-20-7	Xylenes, Total	110000		2500	350
96-12-8	1,2-Dibromo-3-Chloropropane	290	U	1300	290
79-34-5	1,1,2,2-Tetrachloroethane	240	U	1300	240
79-00-5	1,1,2-Trichloroethane	100	U *	1300	100
124-48-1	Dibromochloromethane	280	U	1300	280
106-93-4	1,2-Dibromoethane	240	U	1300	240
75-71-8	Dichlorodifluoromethane	180	U	1300	180
74-97-5	Bromochloromethane	380	U	1300	380
75-27-4	Bromodichloromethane	190	U	1300	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		69-145
2037-26-5	Toluene-d8 (Surr)	90		72-136
460-00-4	Bromofluorobenzene	79		64-131
1868-53-7	Dibromofluoromethane (Surr)	84		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT | Lab Sample ID: 460-104096-9

Matrix: Solid | Lab File ID: B89746.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:40

Sample wt/vol: 4.468(g) | Date Analyzed: 11/09/2015 17:37

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 500

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.6 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 421000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1678-92-8	Cyclohexane, propyl-	9.26	32000	J N
	Unknown	9.87	32000	J
124-18-5	Decane	9.90	52000	J N
91-17-8	Naphthalene, decahydro-	10.79	58000	J N
112-40-3	Dodecane	11.69	34000	J N
	Unknown	11.79	38000	J
	Unknown	11.87	37000	J
91-20-3	Naphthalene	12.31	34000	J N
629-50-5	Tridecane	12.44	36000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	68000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D
Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Sample Type: Client
Inject. Date: 09-Nov-2015 17:37:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Sample Info: 460-104096-A-9-A
Misc. Info.: 460-0033978-019
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:40:54 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:48:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.122	-0.008	91	28371	12.1	
* 27 TBA-d9 (IS)	65	2.583	2.583	0.000	85	140992	1000.0	
* 158 2-Butanone-d5	46	3.669	3.661	0.008	98	158976	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.694	0.008	96	12066	3.86	
50 1,1,1-Trichloroethane	97	4.146	4.138	0.008	47	4242	0.9660	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.188	0.008	91	9463	4.20	
55 Benzene	78	4.533	4.525	0.008	28	1660	0.1821	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	96	10158	4.41	
* 62 Fluorobenzene	96	4.879	4.871	0.008	100	444130	50.0	
64 Trichloroethene	95	5.290	5.282	0.008	95	872756	347.8	
66 Methylcyclohexane	83	5.414	5.406	0.008	75	5410	2.56	M
* 69 1,4-Dioxane-d8	96	5.735	5.702	0.033	93	15838	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.854	0.008	97	33616	4.48	
81 Toluene	91	6.945	6.936	0.009	92	132274	13.7	
85 Tetrachloroethene	166	7.554	7.545	0.009	95	41911	16.0	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	83	381821	50.0	
92 Chlorobenzene	112	8.516	8.508	0.008	96	28144	3.91	
93 Ethylbenzene	106	8.607	8.599	0.008	97	65762	18.4	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	310853	69.0	
96 o-Xylene	106	9.101	9.092	0.009	94	81063	17.5	
98 Styrene	104	9.125	9.125	0.000	97	149940	19.4	
101 Isopropylbenzene	105	9.422	9.422	0.000	96	22489	2.39	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	91	12848	3.94	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.566	0.008	93	226877	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.582	0.008	39	2821	0.5022	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	97	35718	6.34	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	94	133857	39.1	
133 1,2,3-Trichlorobenzene	180	12.516	12.508	0.008	59	28508	9.05	
S 135 Xylenes, Total	100				0		86.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D
Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Sample Type: Client
Inject. Date: 09-Nov-2015 17:37:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Sample Info: 460-104096-A-9-A
Misc. Info.: 460-0033978-019
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:40:54 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:48:34

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1678-92-8 Cyclohexane, propyl-								
9.257	580571	25.5	91	94	11176	C9H18	126	
Unknown								
9.866	591901	25.6	119					
124-18-5 Decane								
9.899	953821	41.2	119	97	18421	C10H22	142	
91-17-8 Naphthalene, decahydro-								
10.788	1081223	46.7	119	95	16283	C10H18	138	
112-40-3 Dodecane								
11.685	621628	26.9	119	96	36159	C12H26	170	
Unknown								
11.792	710235	30.7	119					
Unknown								
11.866	683135	29.5	119					
91-20-3 Naphthalene								
12.310	622508	26.9	119	90	11561	C10H8	128	I
629-50-5 Tridecane								
12.442	662836	28.7	119	95	45543	C13H28	184	
91-57-6 Naphthalene, 2-methyl-								
13.290	1266175	54.7	119	96	18501	C11H10	142	I

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.492	1139204	50.0
* 119 1,4-Dichlorobenzene-d4	10.566	1156680	50.0

QC Flag Legend

Processing Flags

Review Flags

l - User Selected Library Match

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

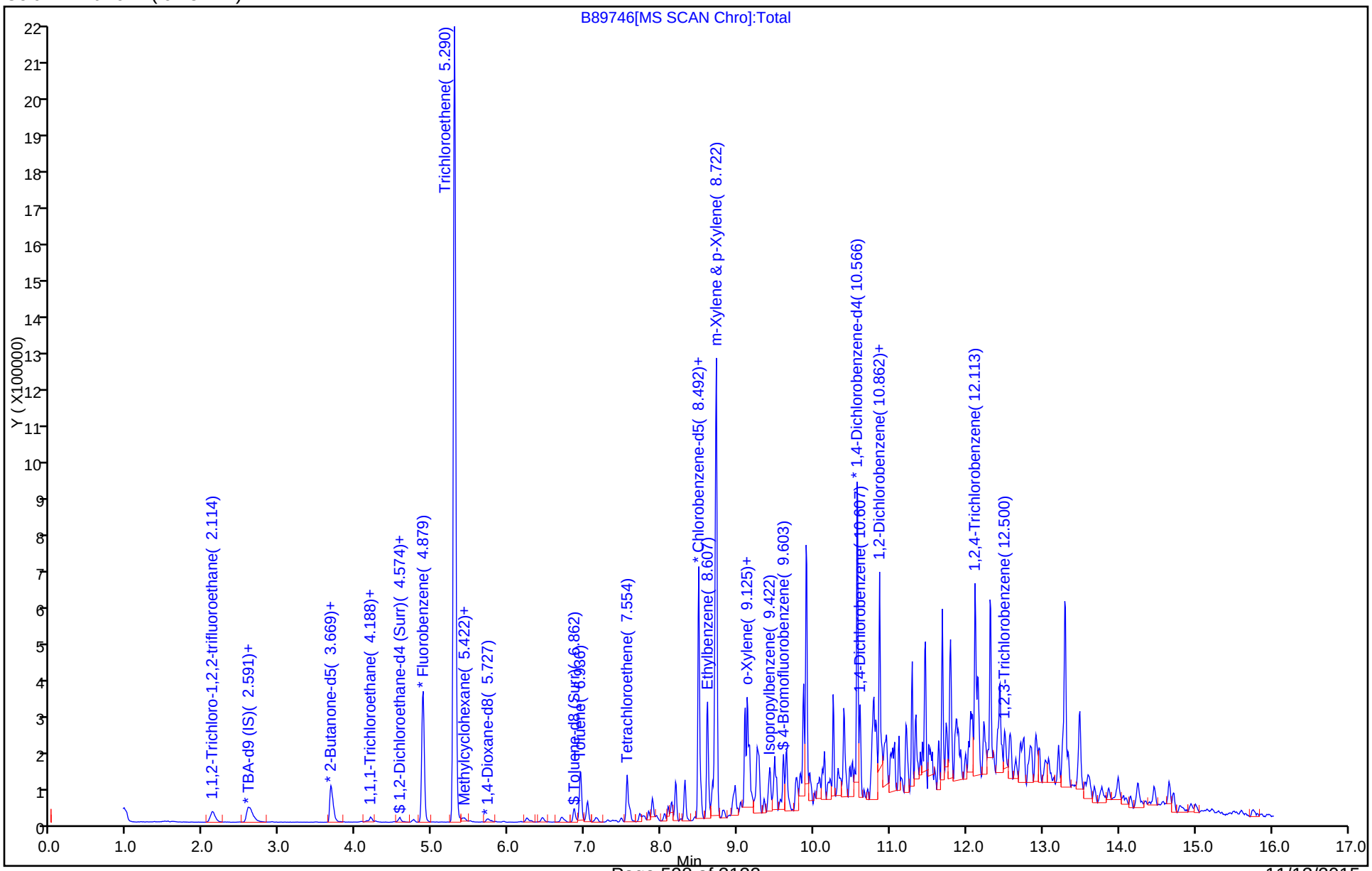
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9	Worklist Smp#:	19
Client ID:	PMP-24-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	500.0000	ALS Bottle#:	18
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

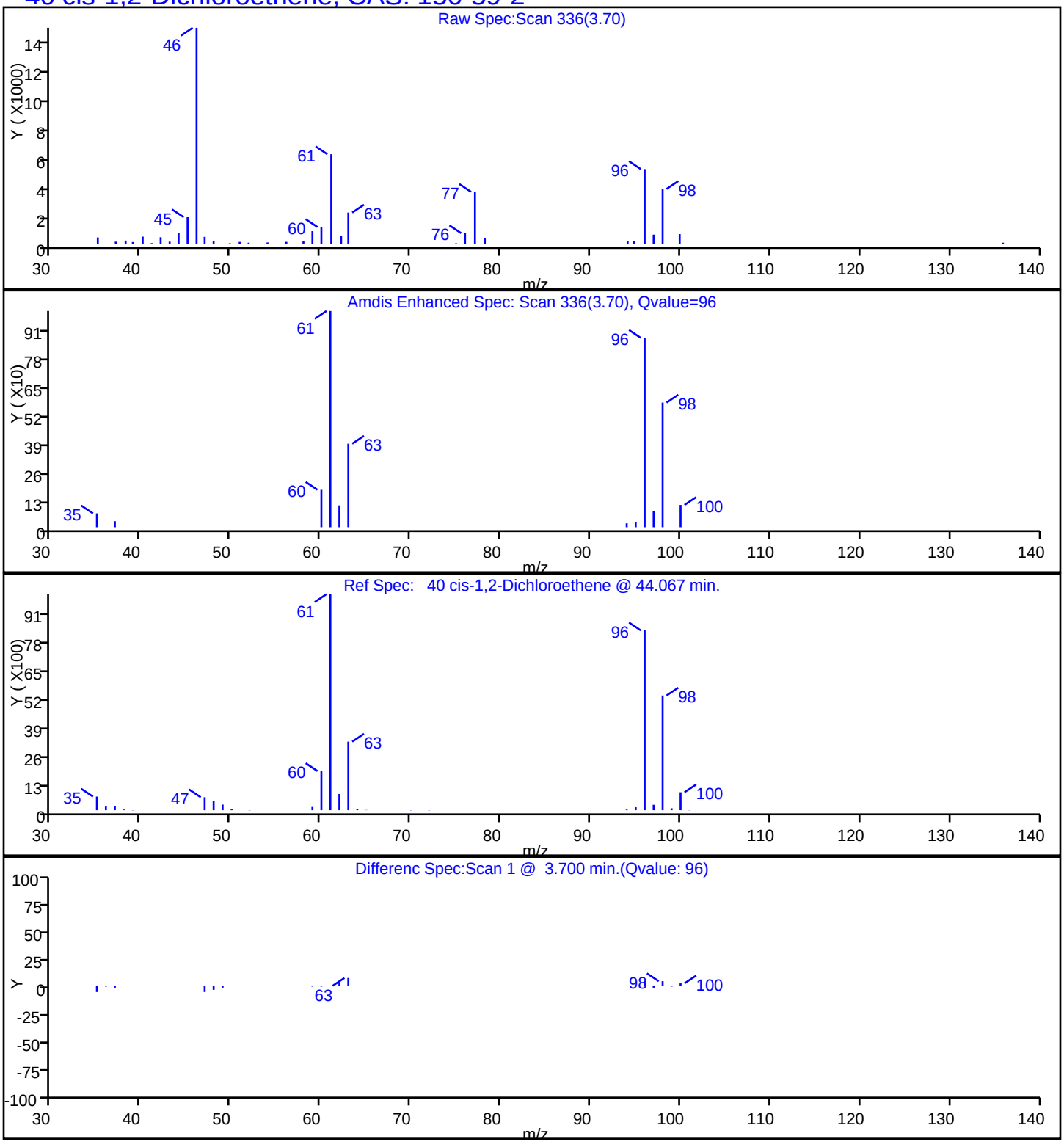
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

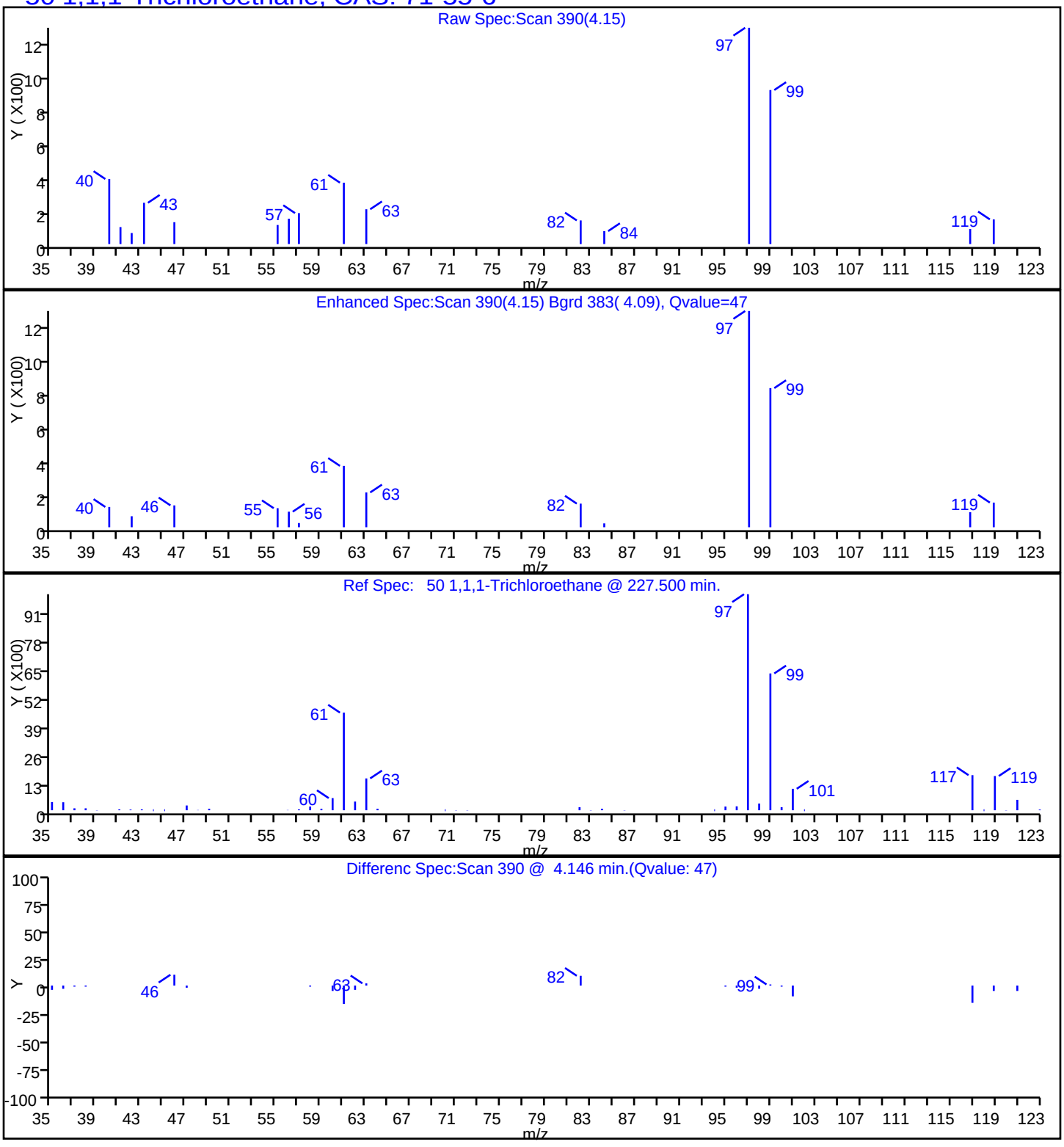
40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

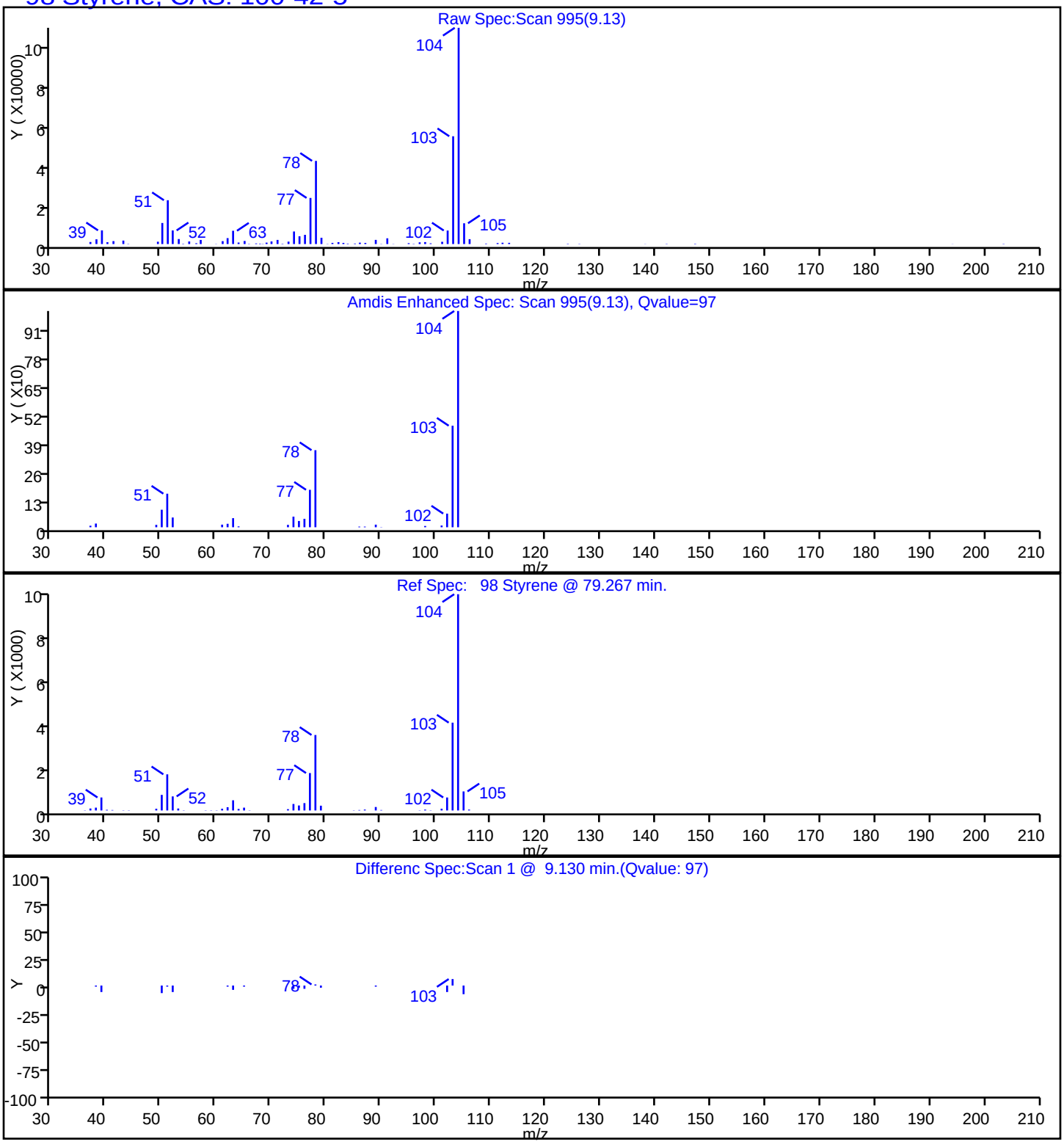
50 1,1,1-Trichloroethane, CAS: 71-55-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

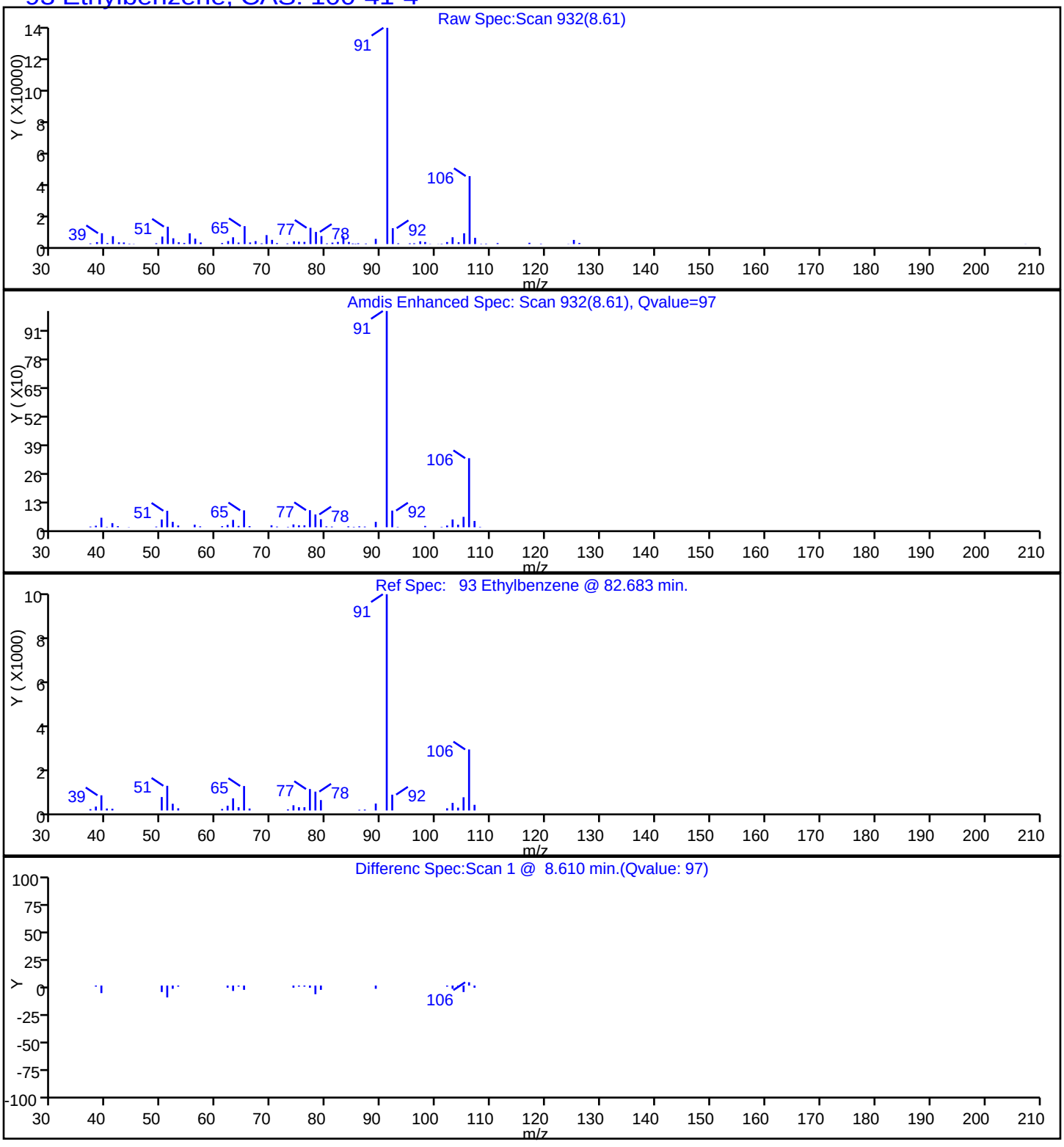
98 Styrene, CAS: 100-42-5



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

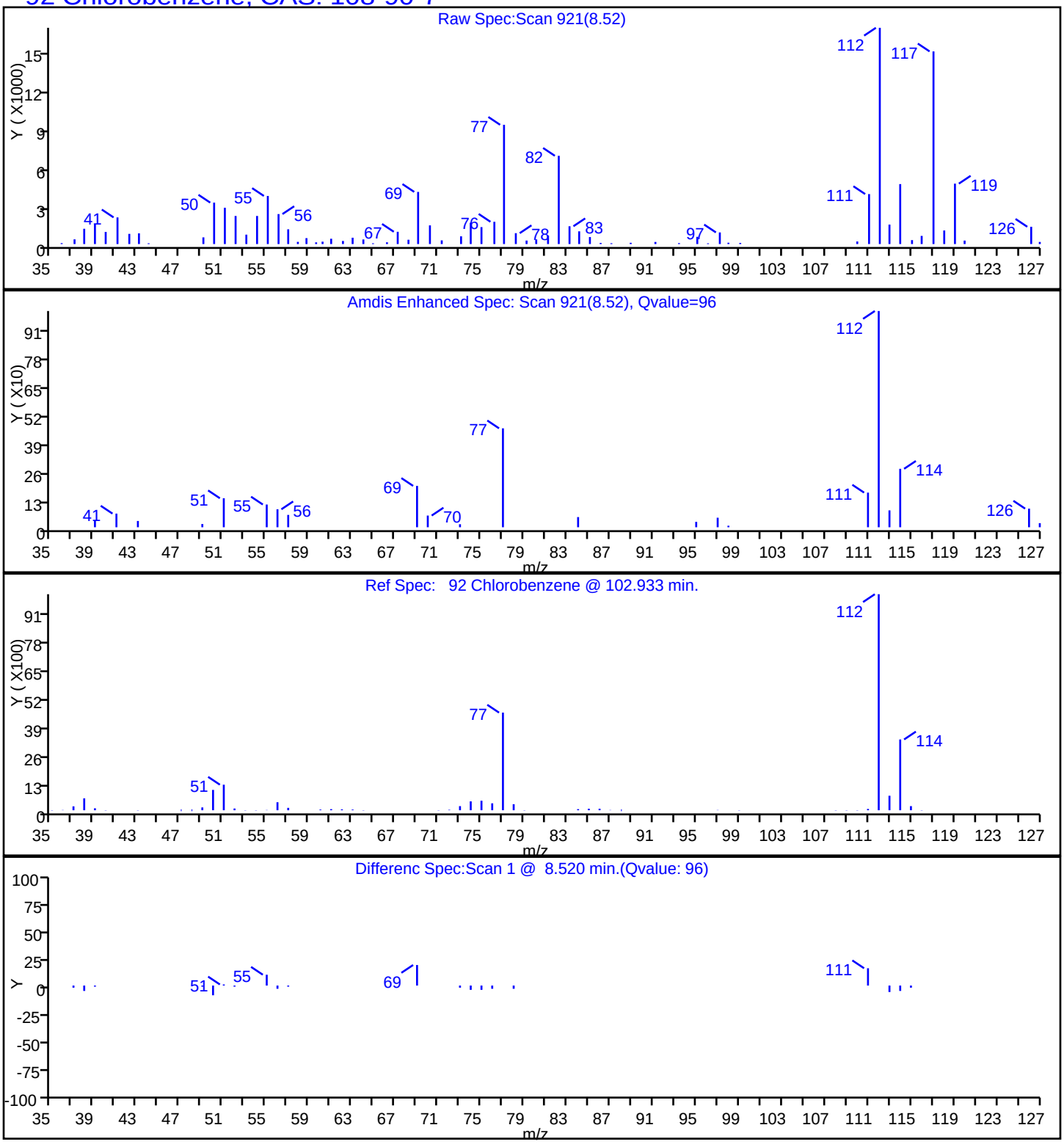
93 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 Chlorobenzene, CAS: 108-90-7



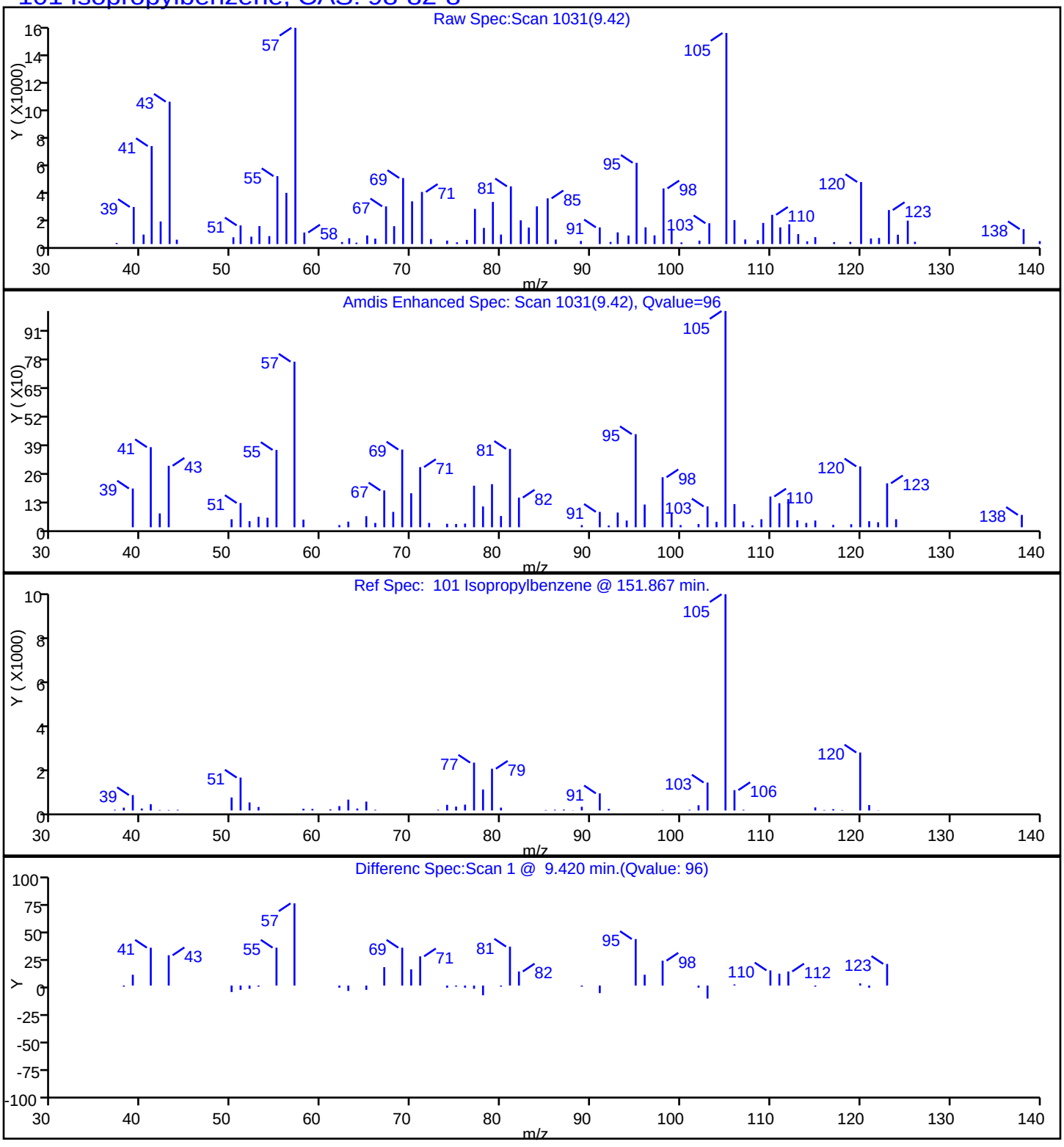
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

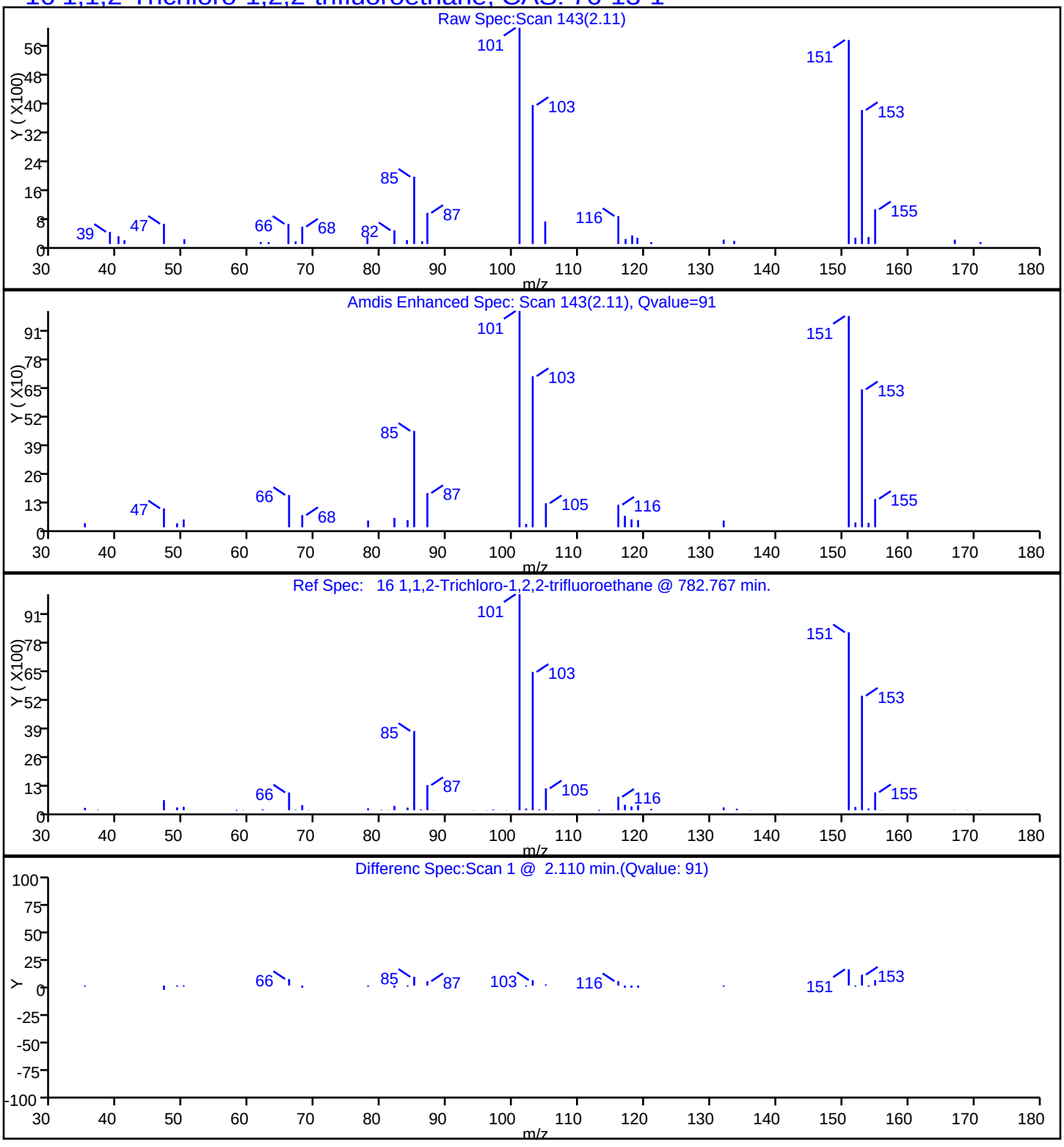
101 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

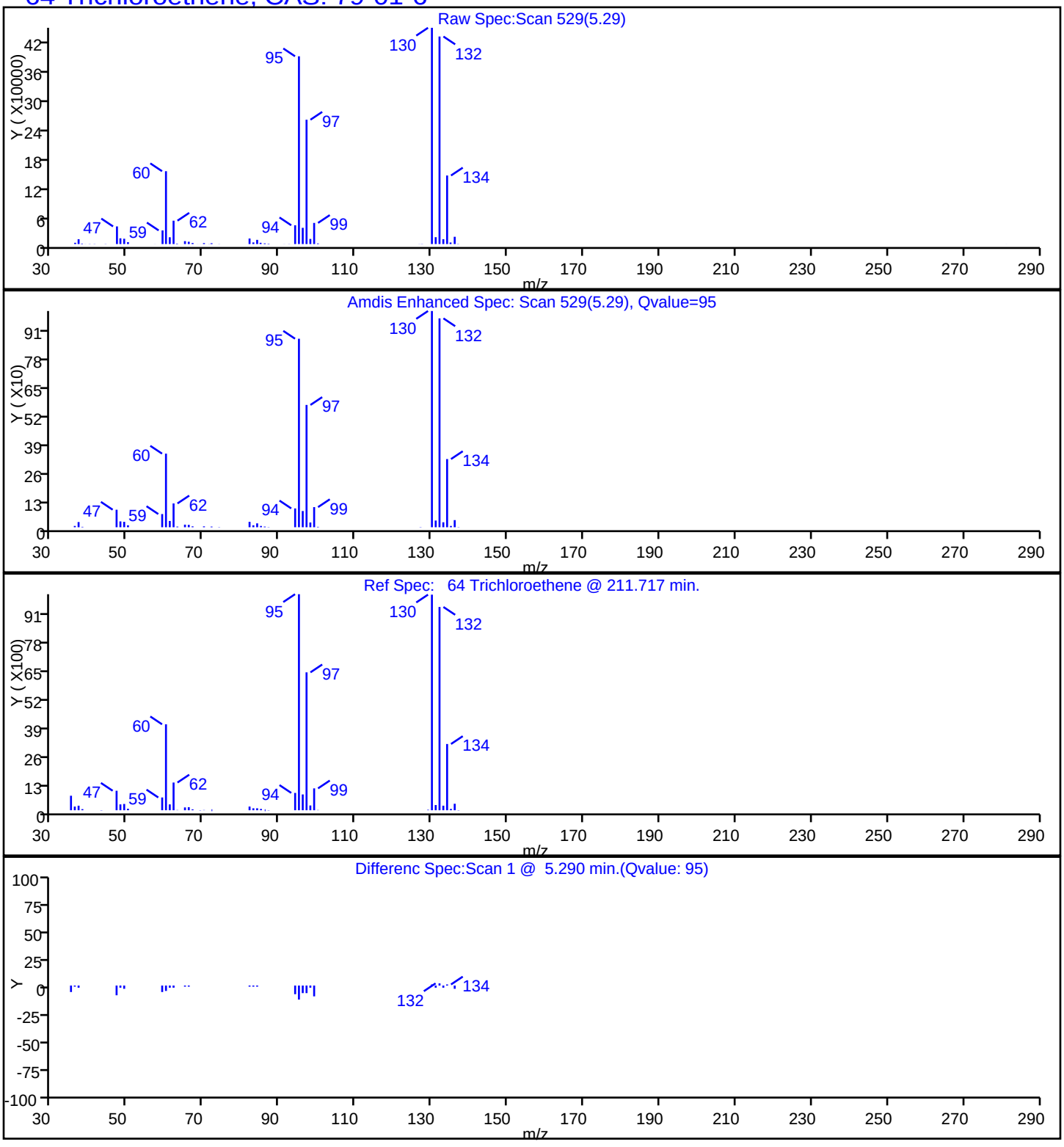
16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

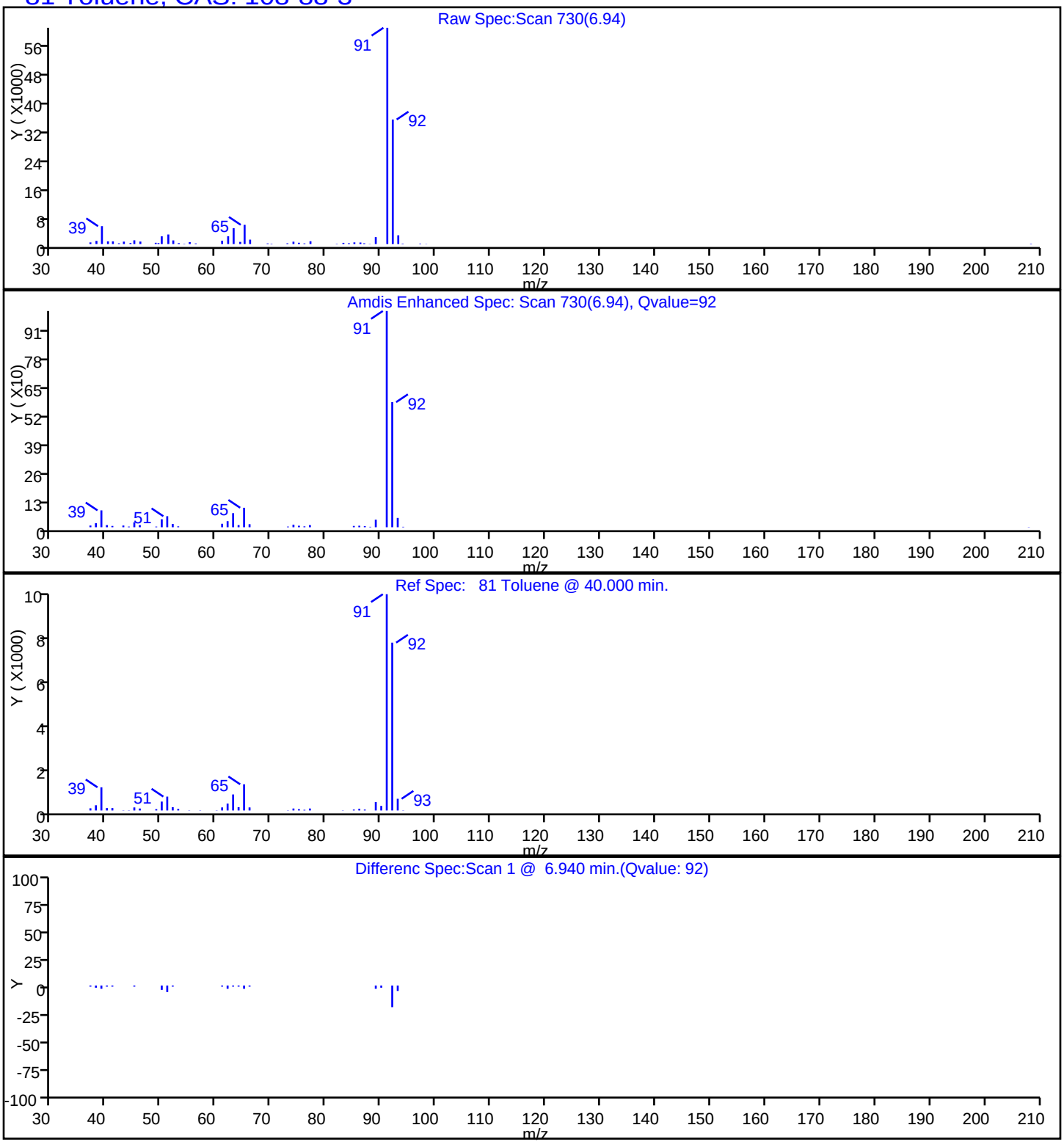
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

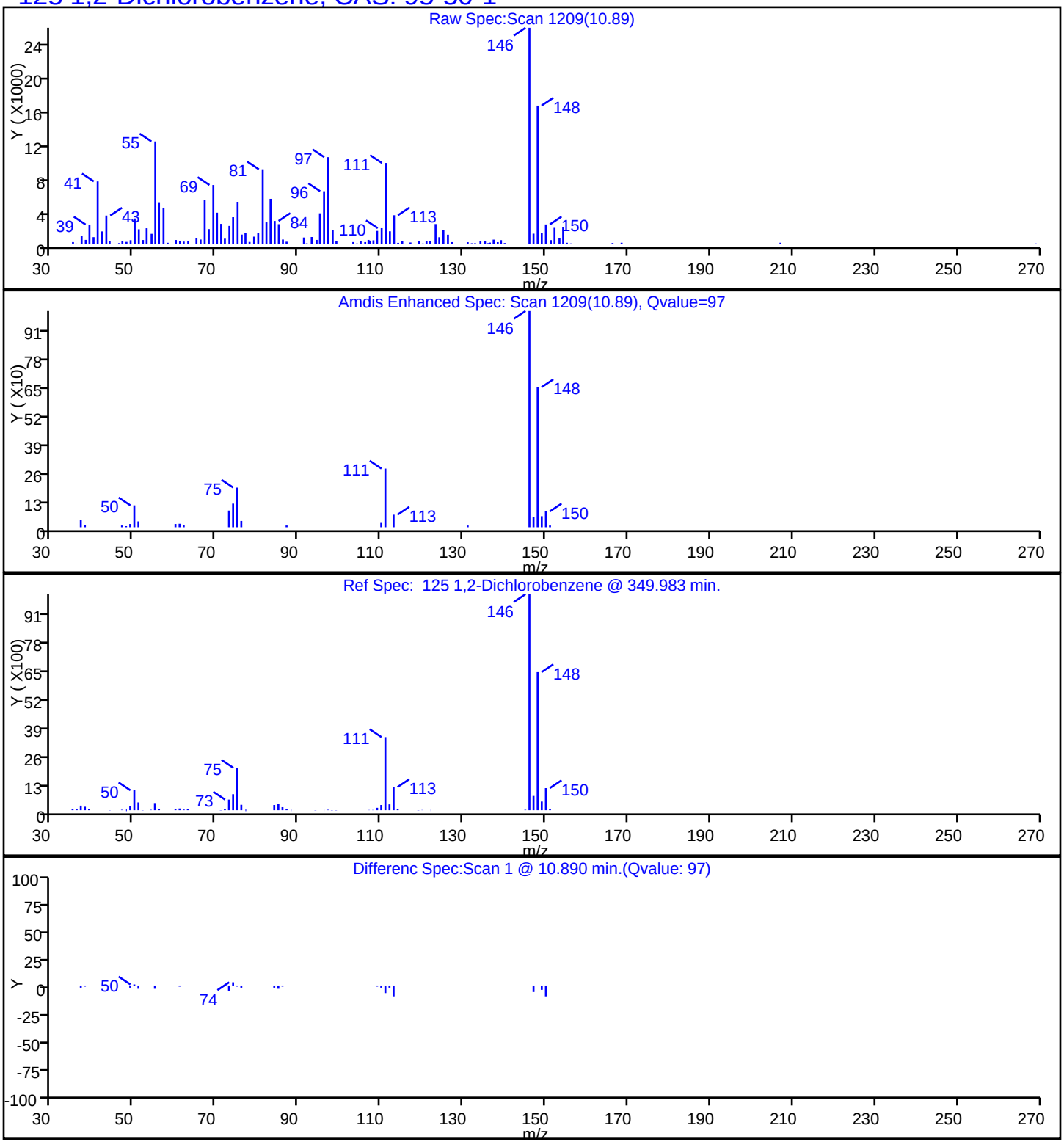
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

125 1,2-Dichlorobenzene, CAS: 95-50-1



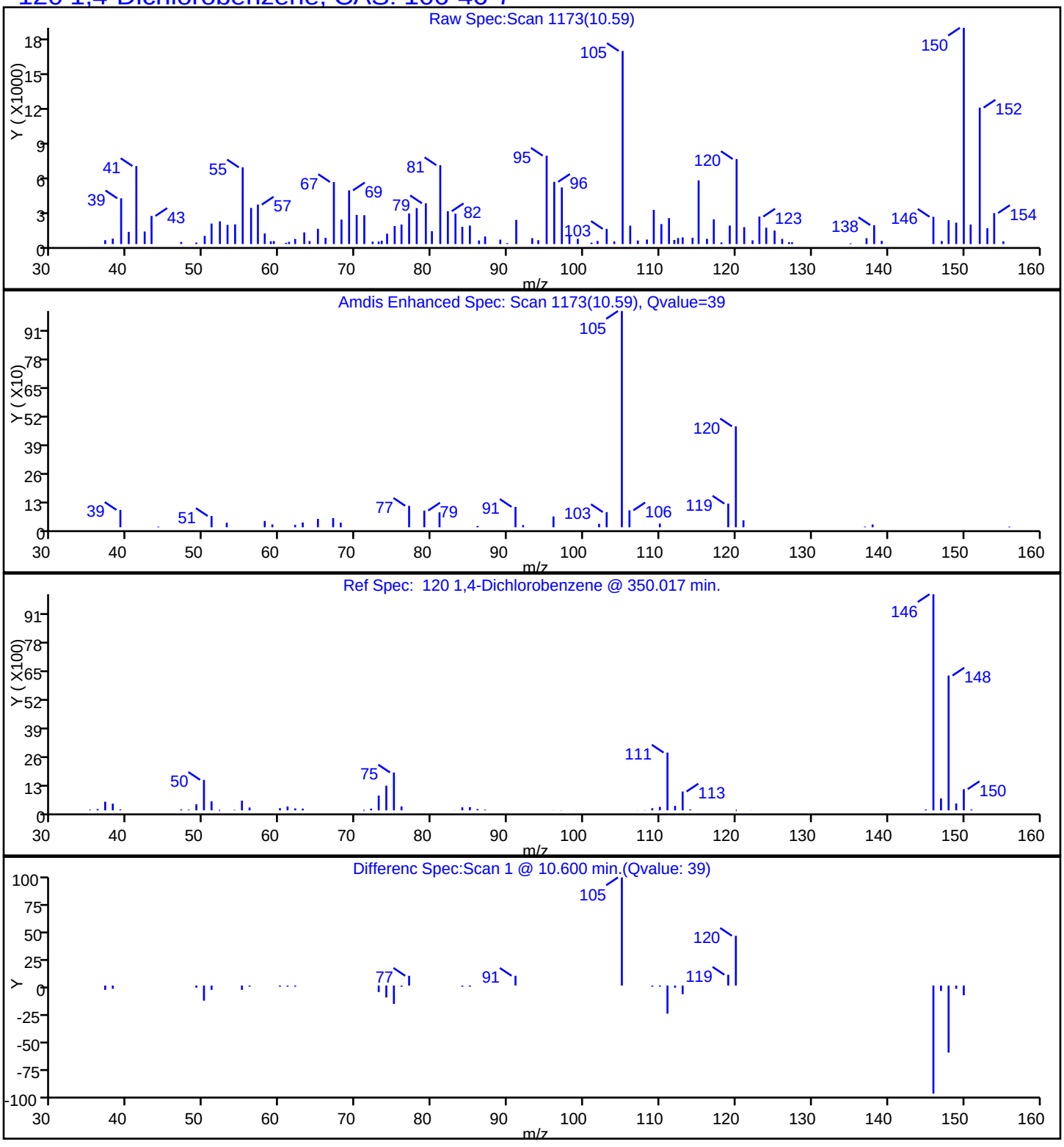
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

120 1,4-Dichlorobenzene, CAS: 106-46-7

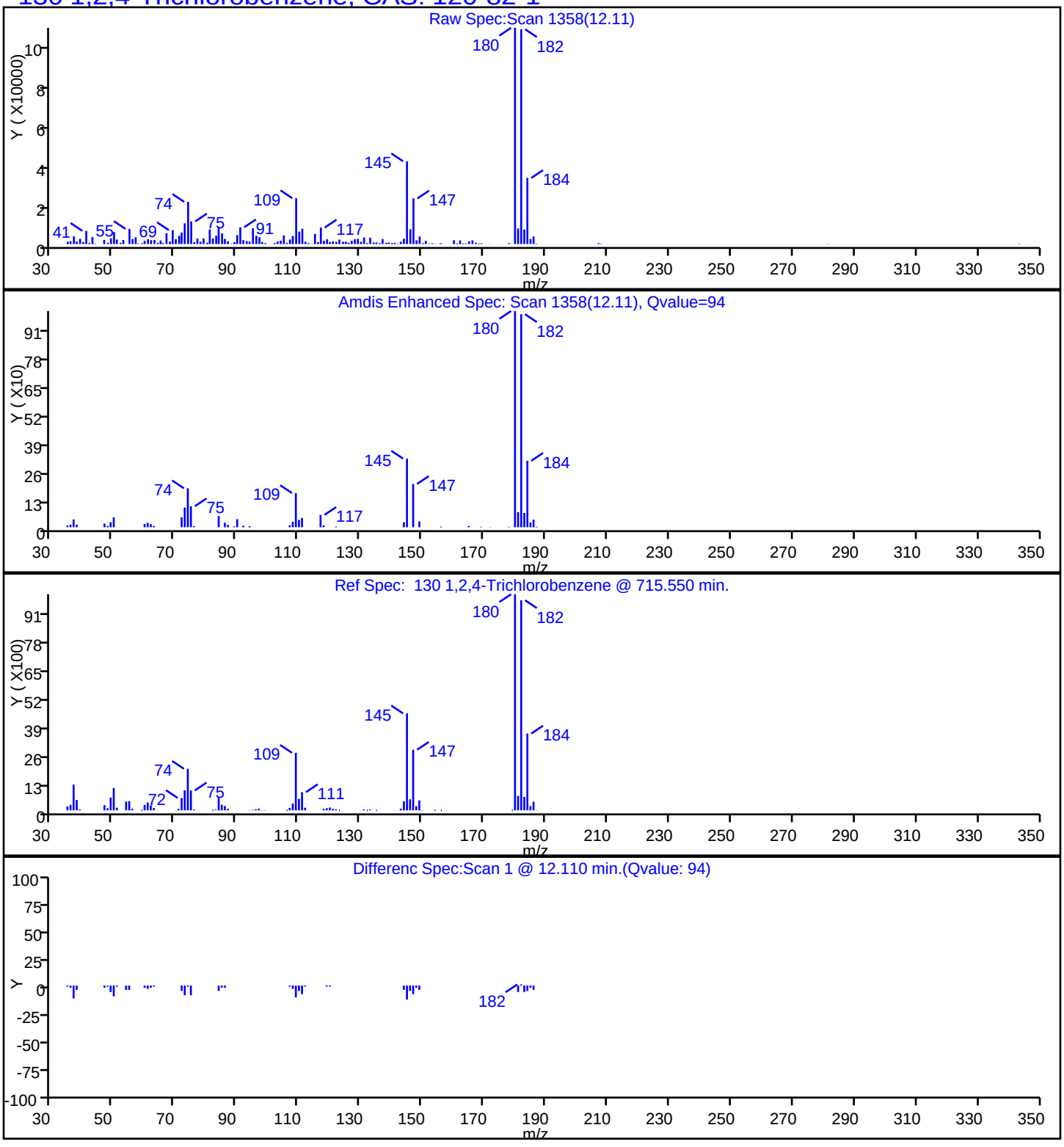


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

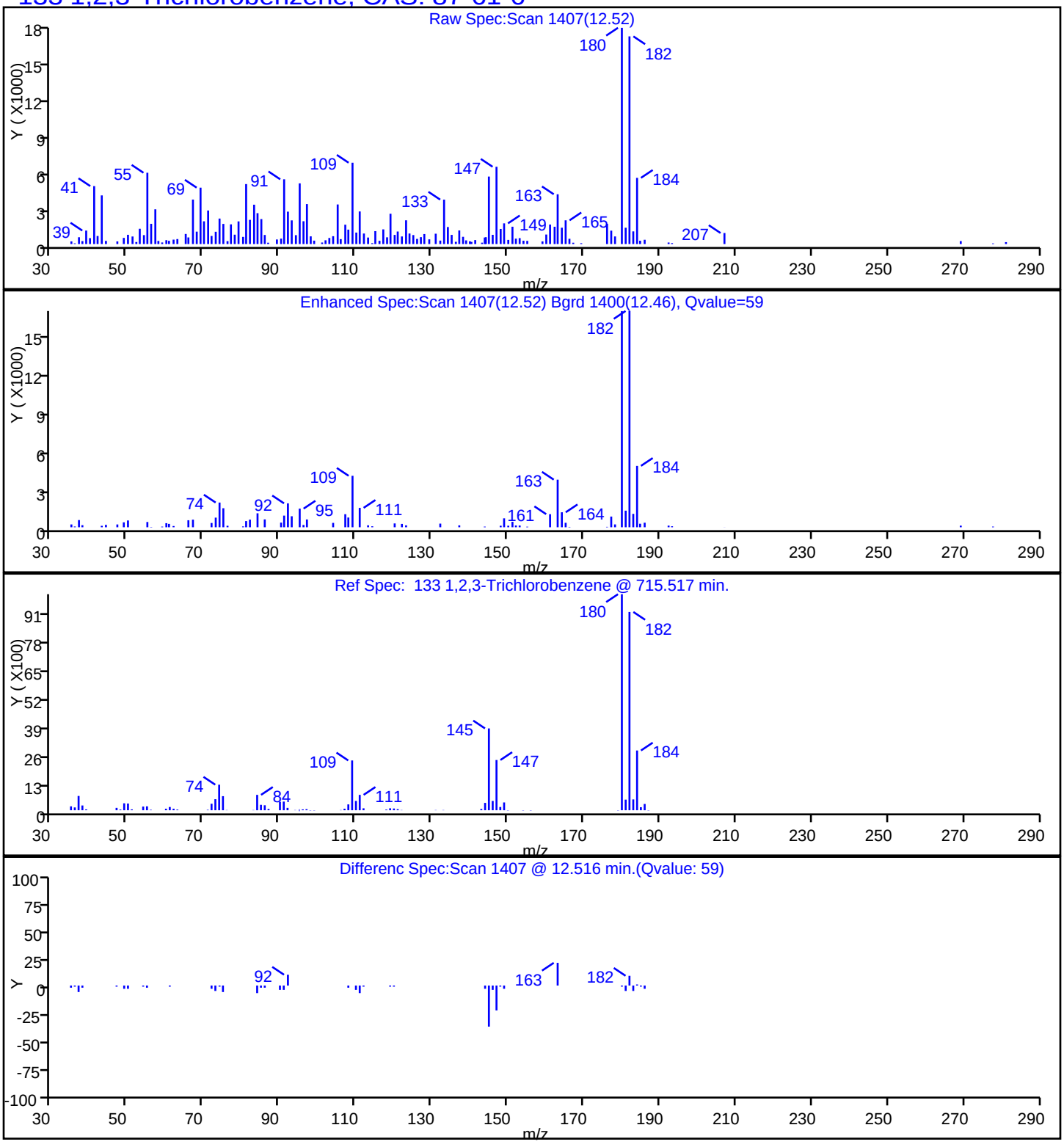
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6



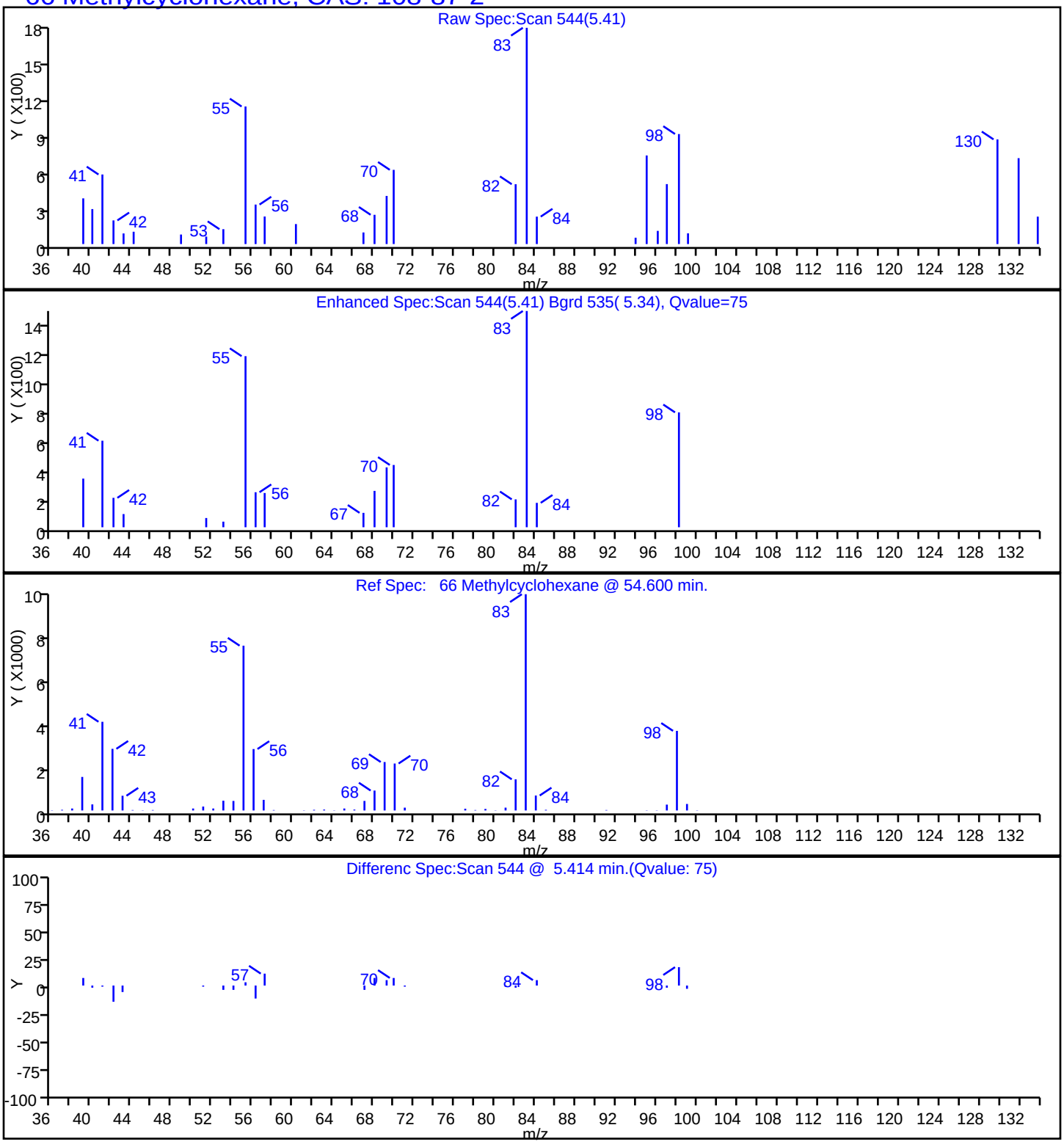
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

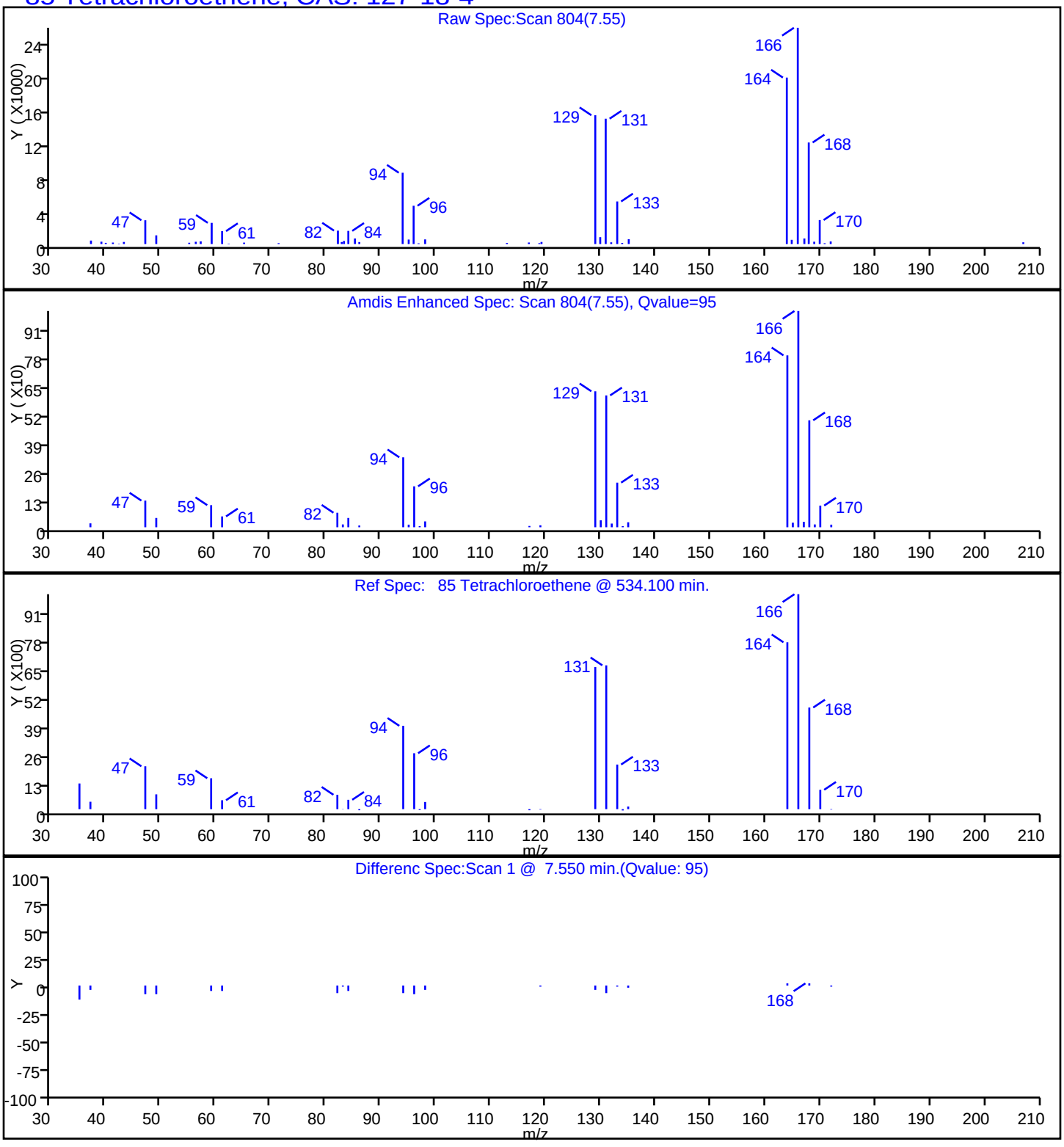
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4

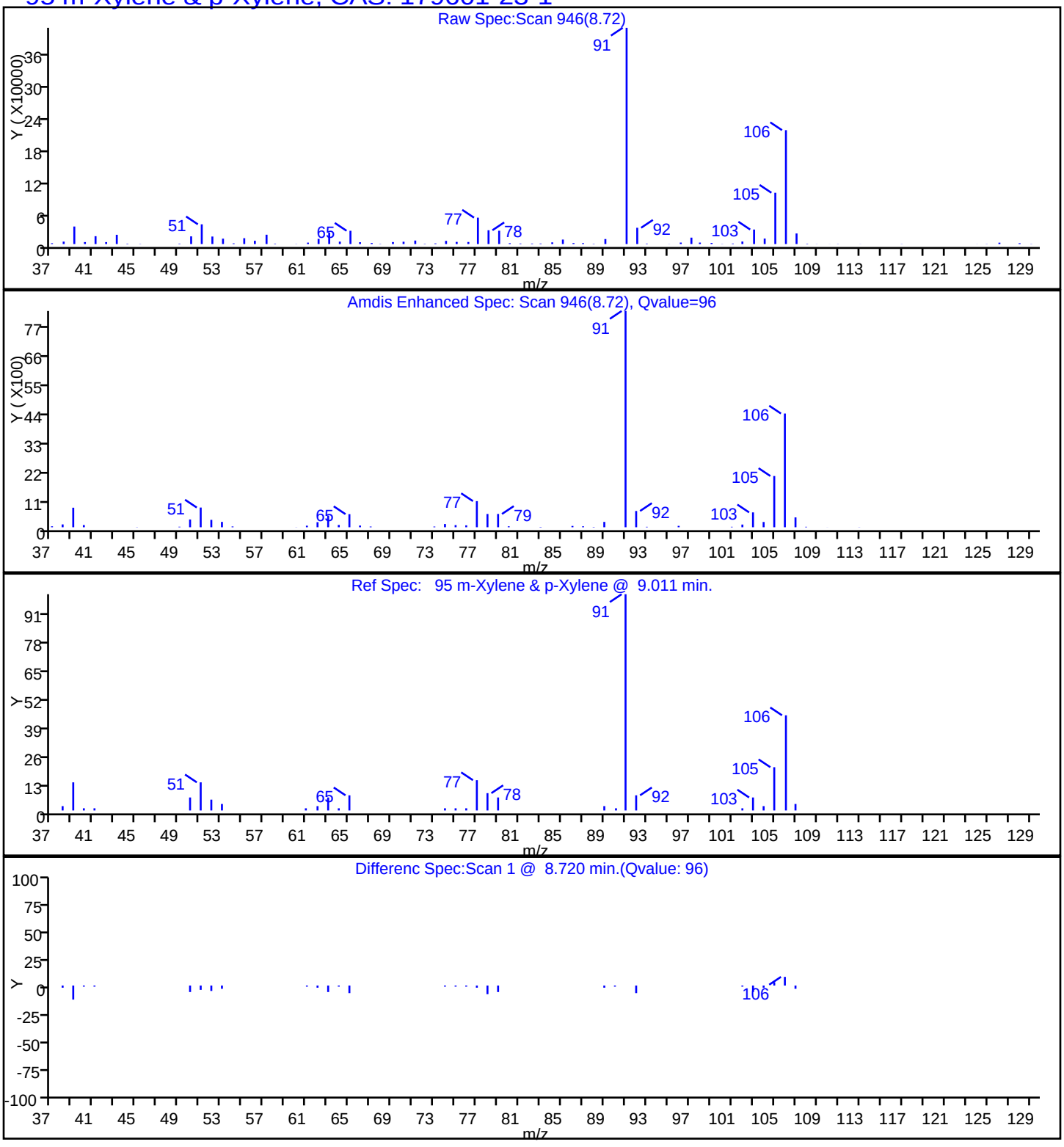


Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D		
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



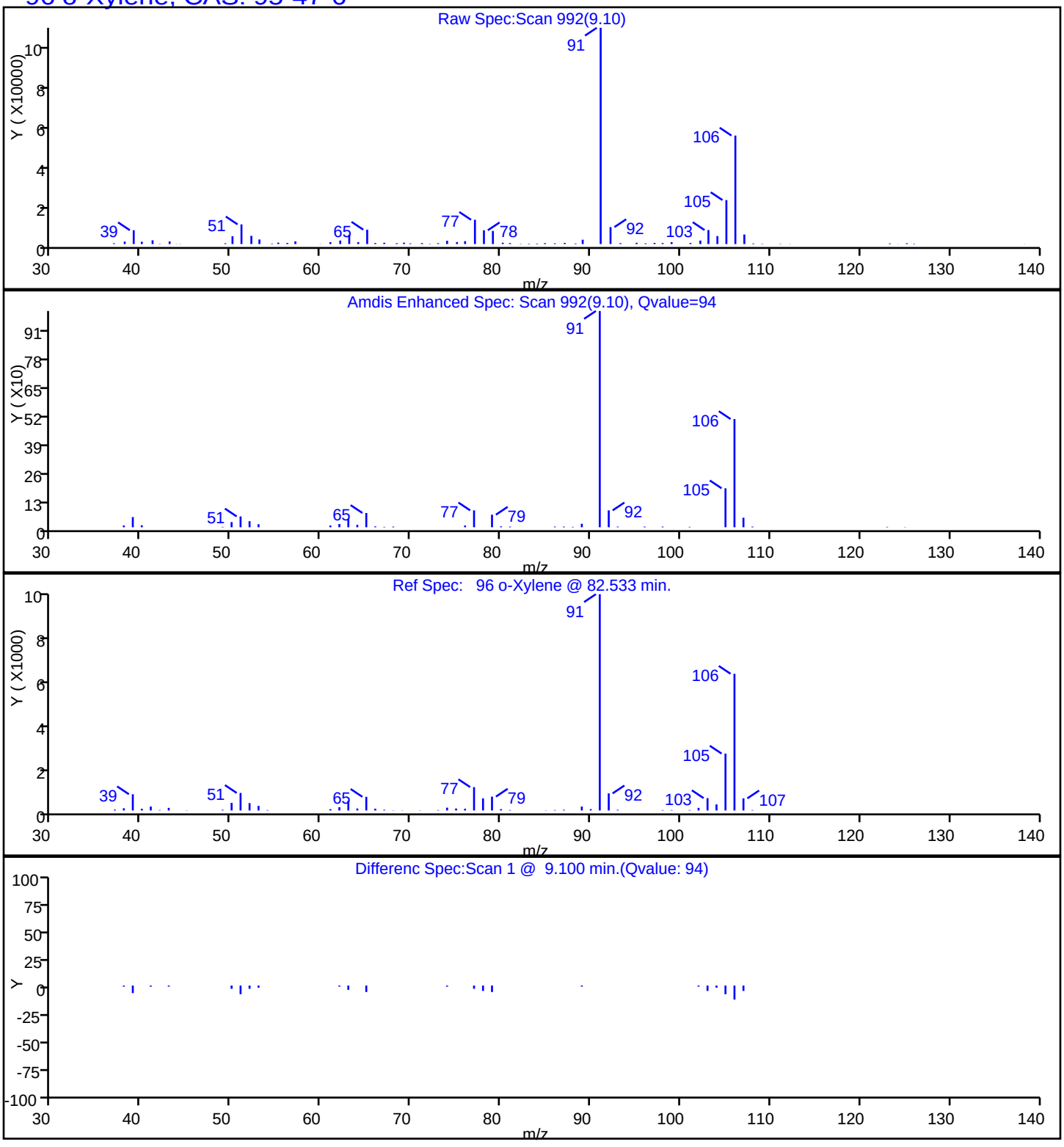
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

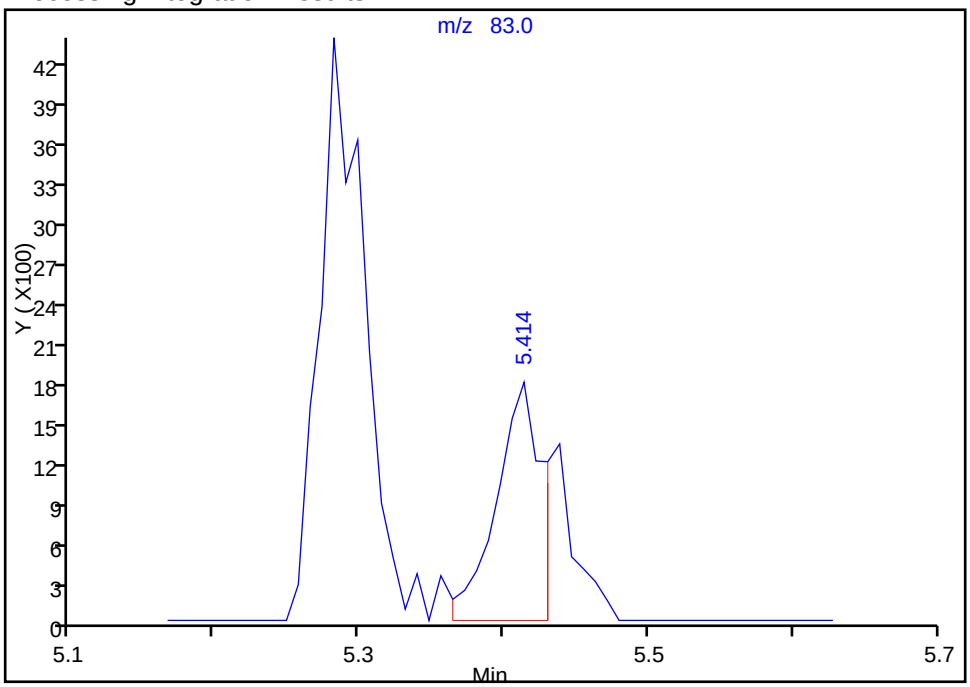
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D				
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

66 Methylcyclohexane, CAS: 108-87-2

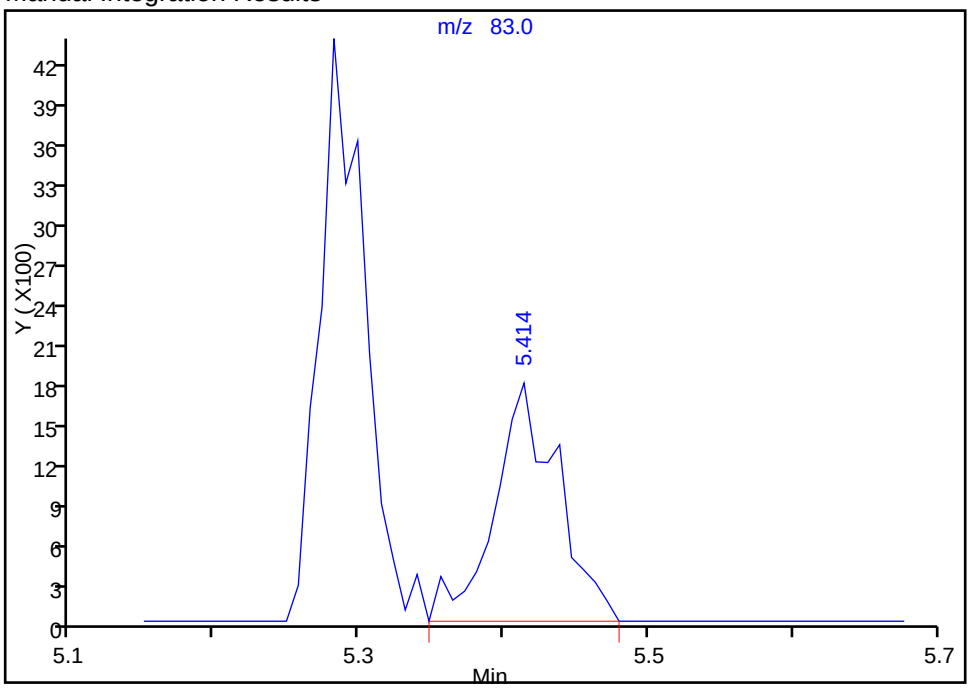
Processing Integration Results

RT: 5.41
Area: 3953
Amount: 1.871476
Amount Units: ug/l



Manual Integration Results

RT: 5.41
Area: 5410
Amount: 2.561266
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 13:40:53
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date: 09-Nov-2015 17:37:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9

Client ID: PMP-24-NW2-WT

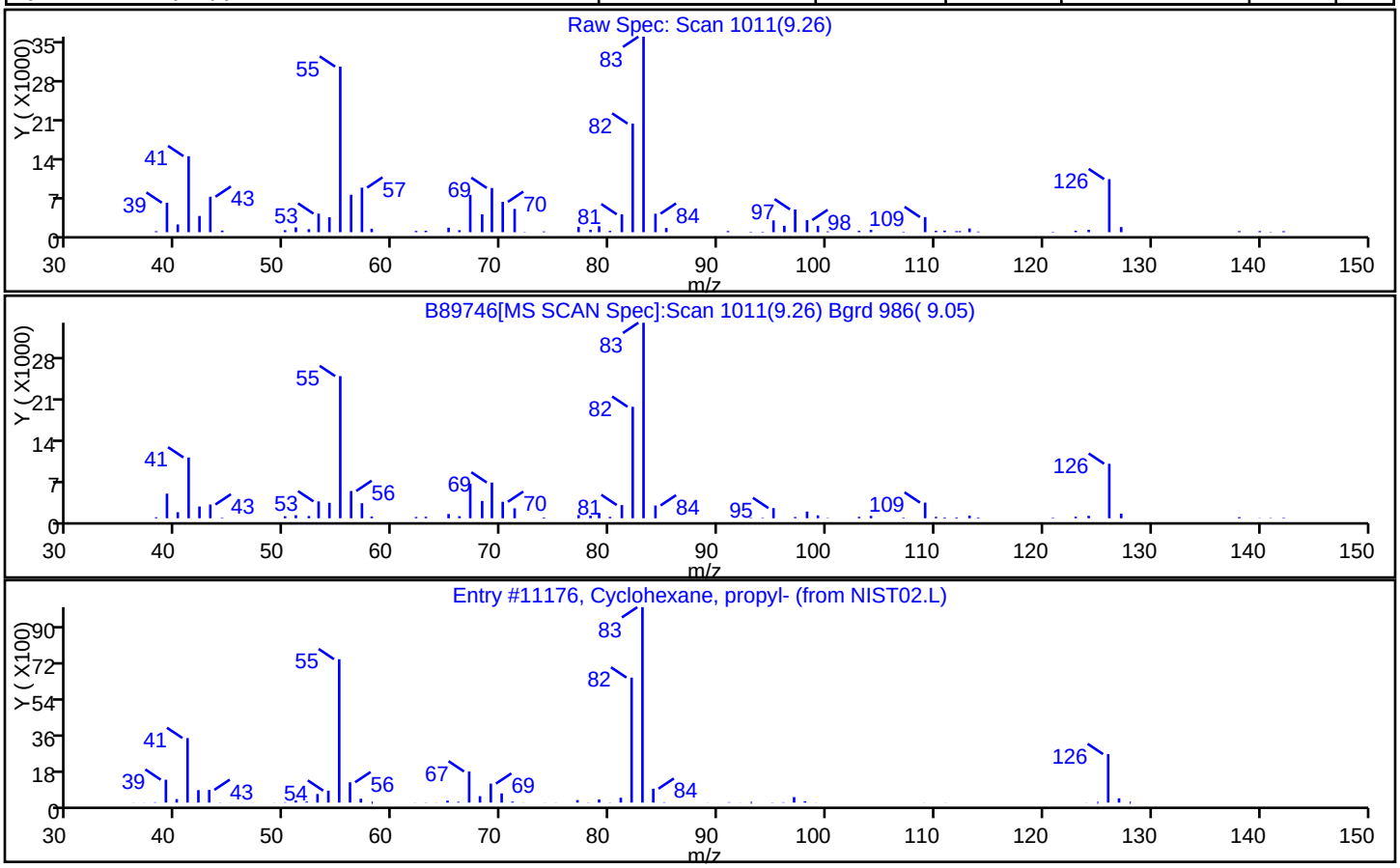
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, propyl-	1678-92-8	NIST02.L	11176	C9H18	126	94

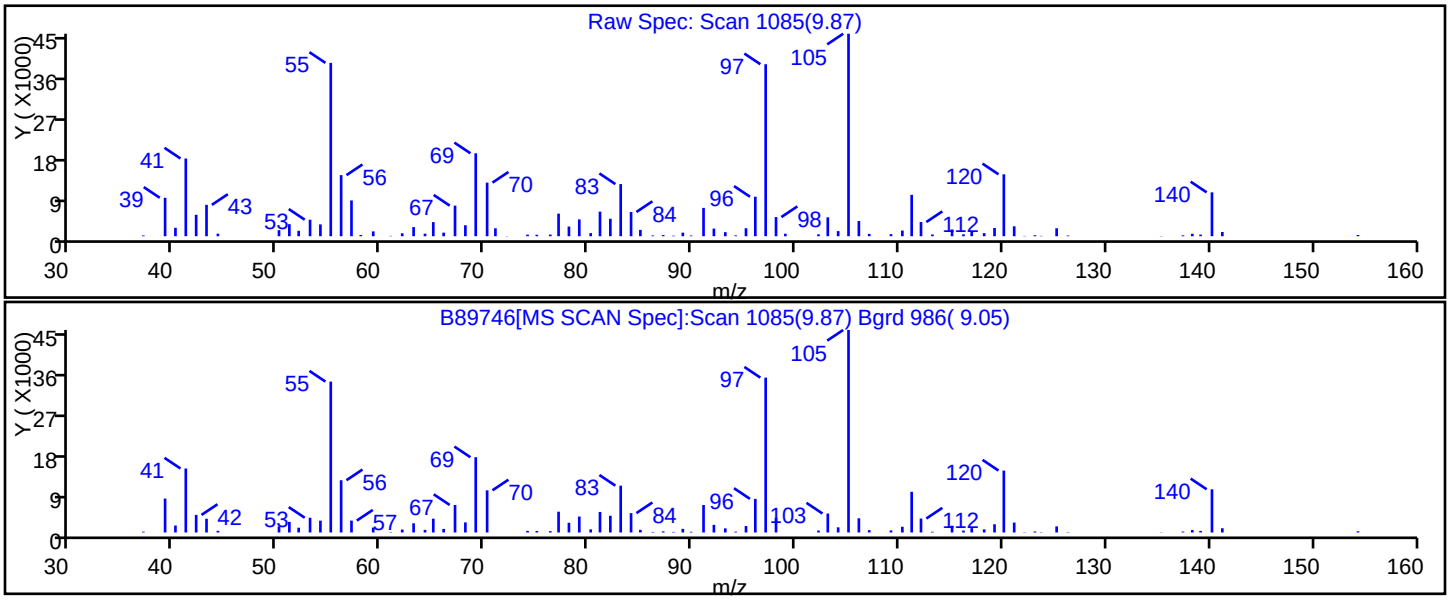


Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D				
Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



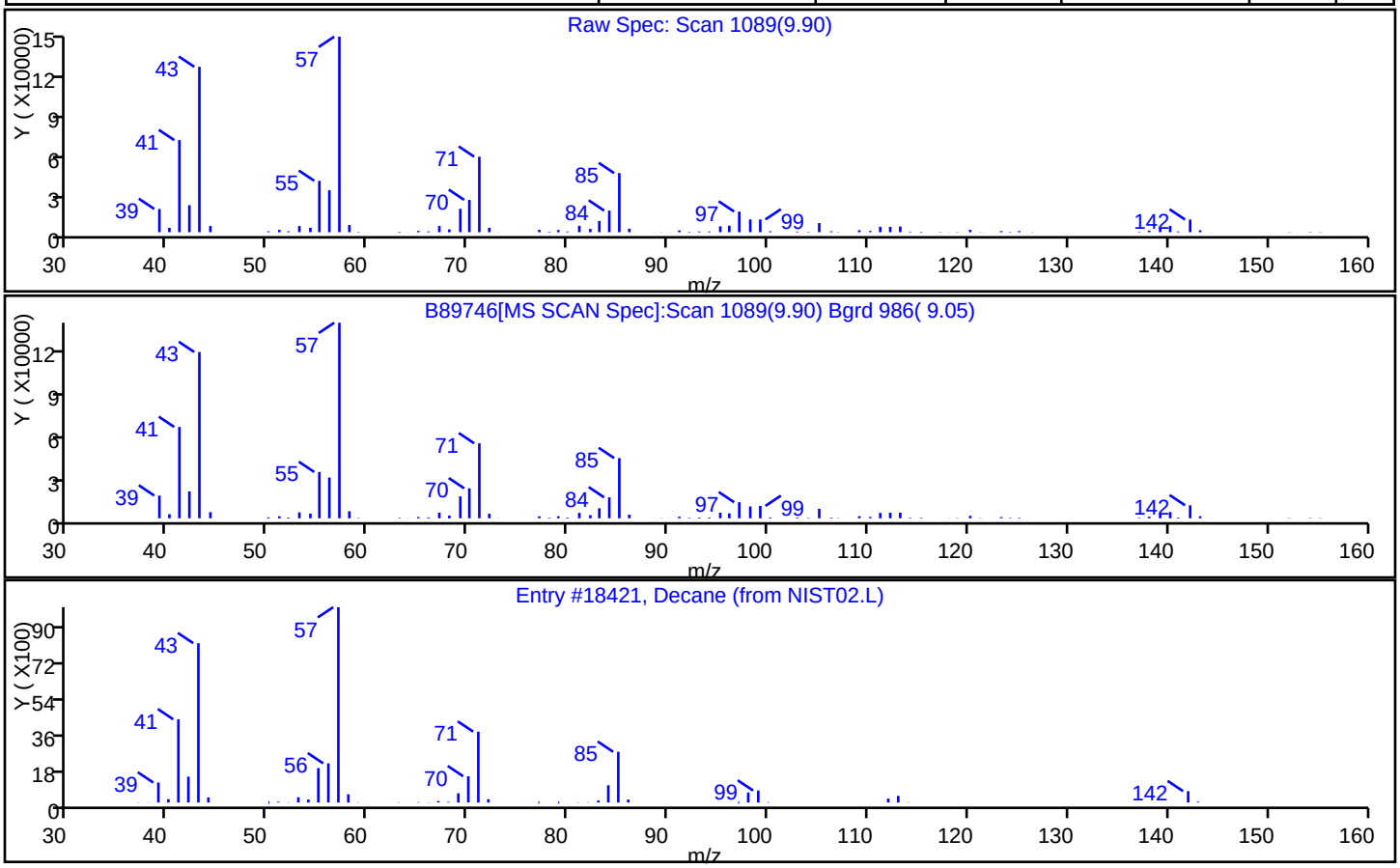
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

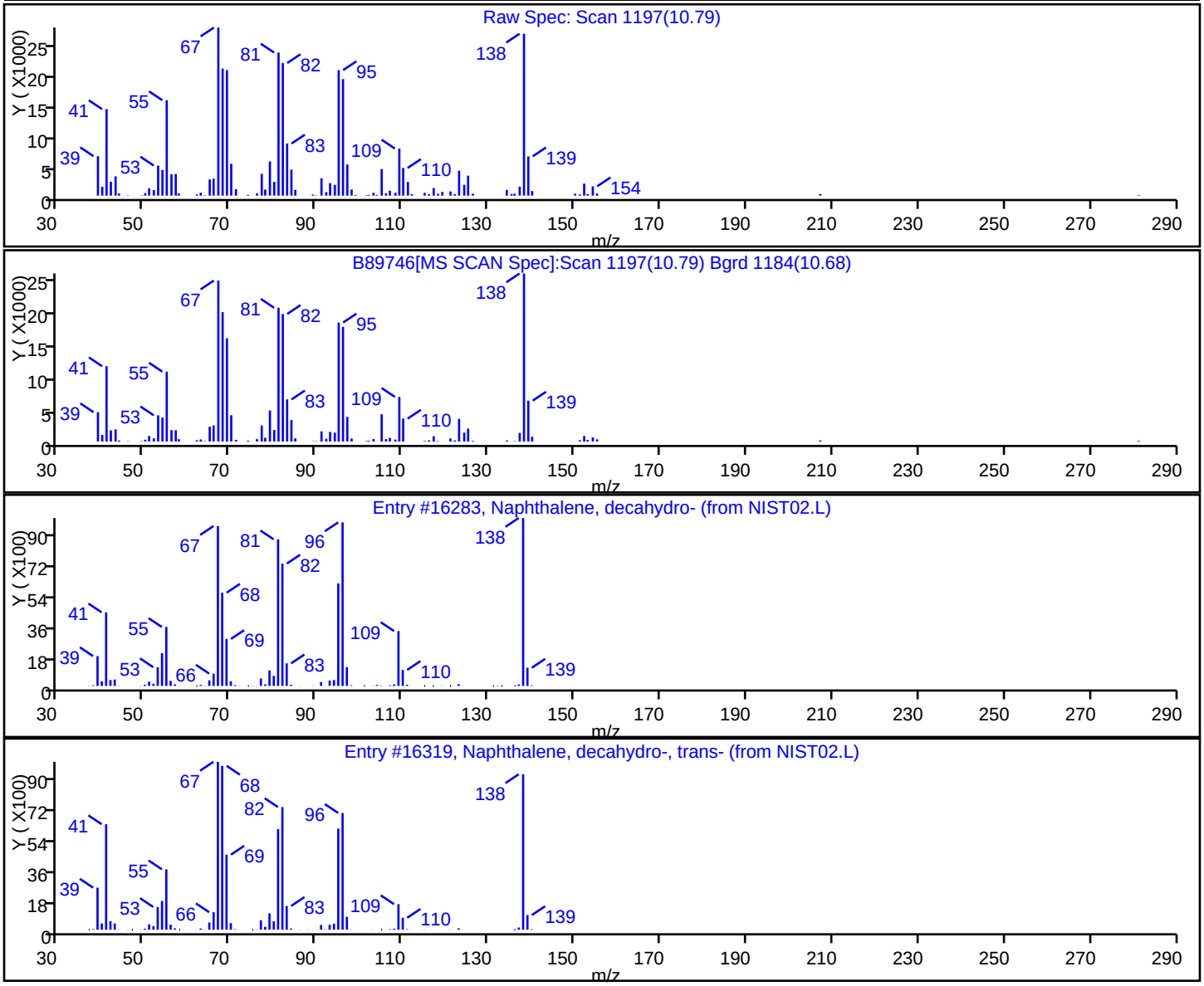
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18421	C10H22	142	97



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D
Injection Date: 09-Nov-2015 17:37:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16283	C10H18	138	95
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	94



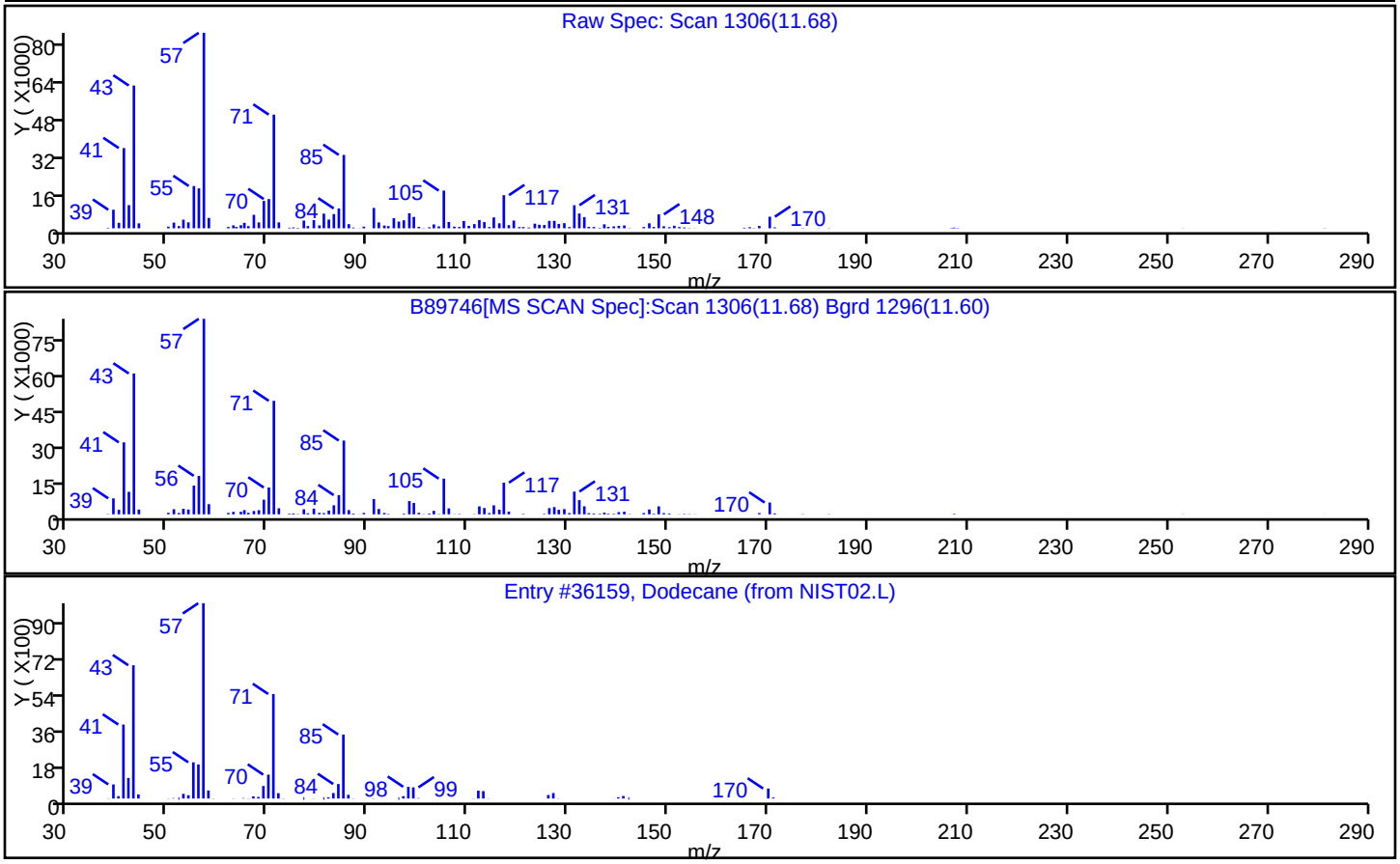
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	96



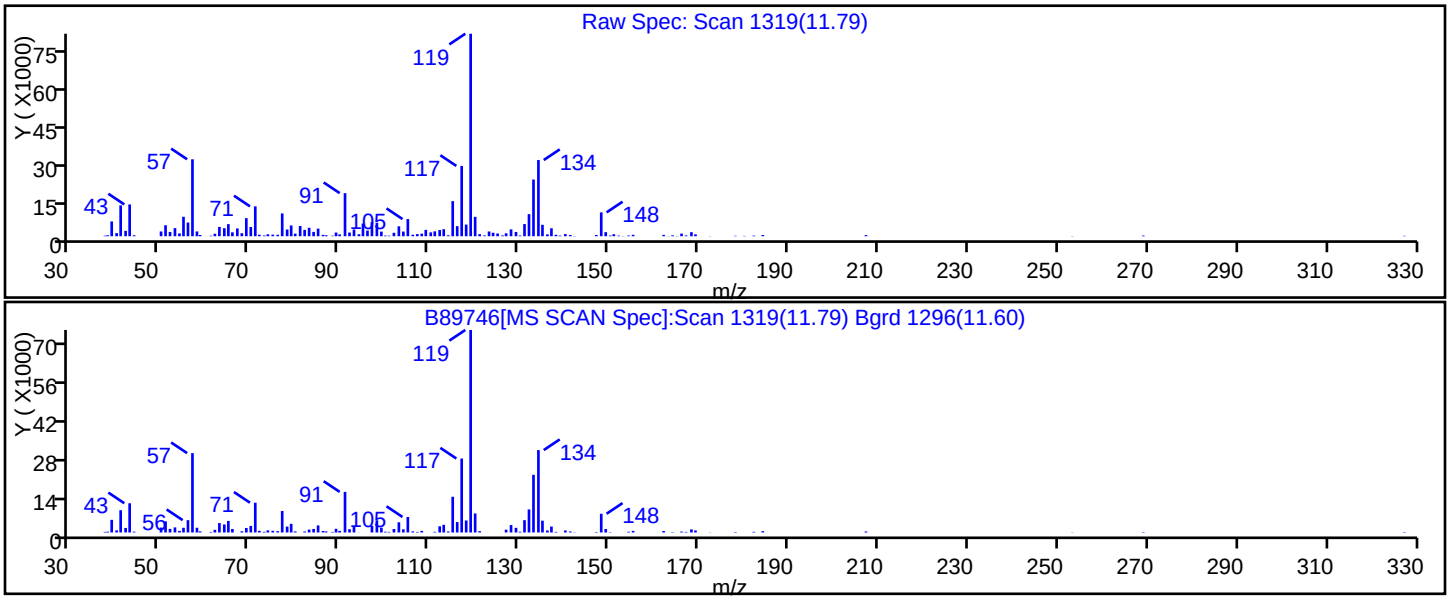
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



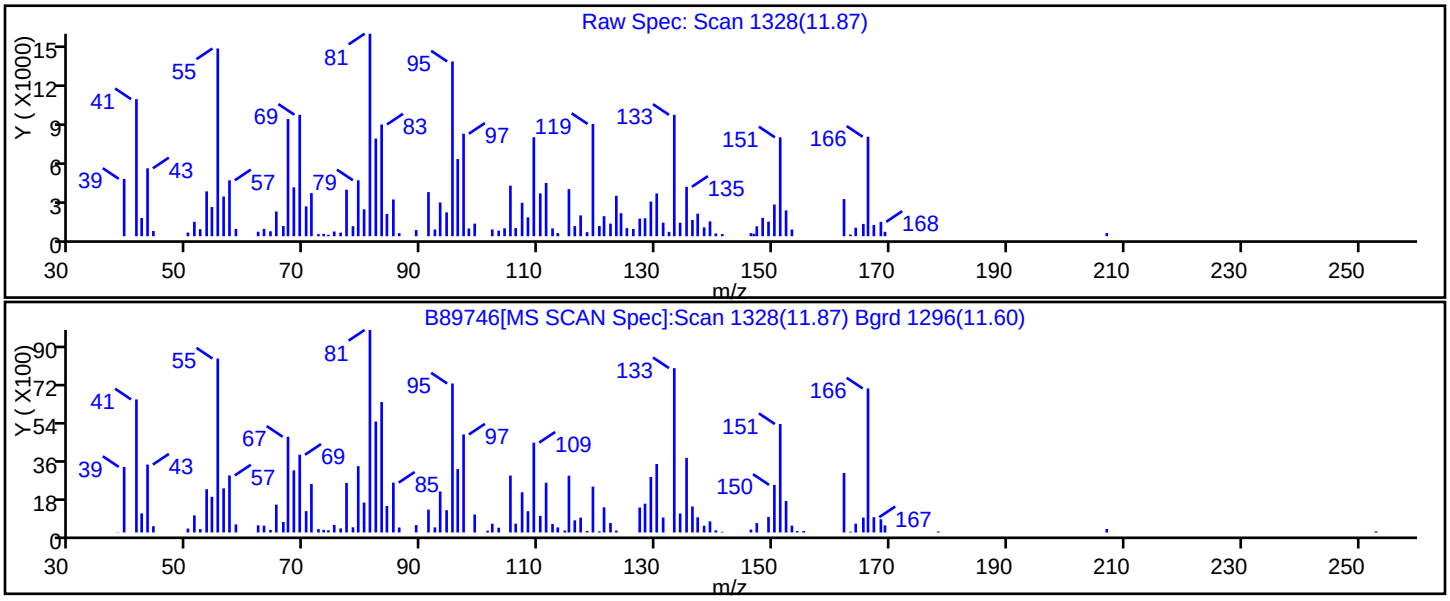
Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



Report Date: 11-Nov-2015 13:40:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date: 09-Nov-2015 17:37:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9

Client ID: PMP-24-NW2-WT

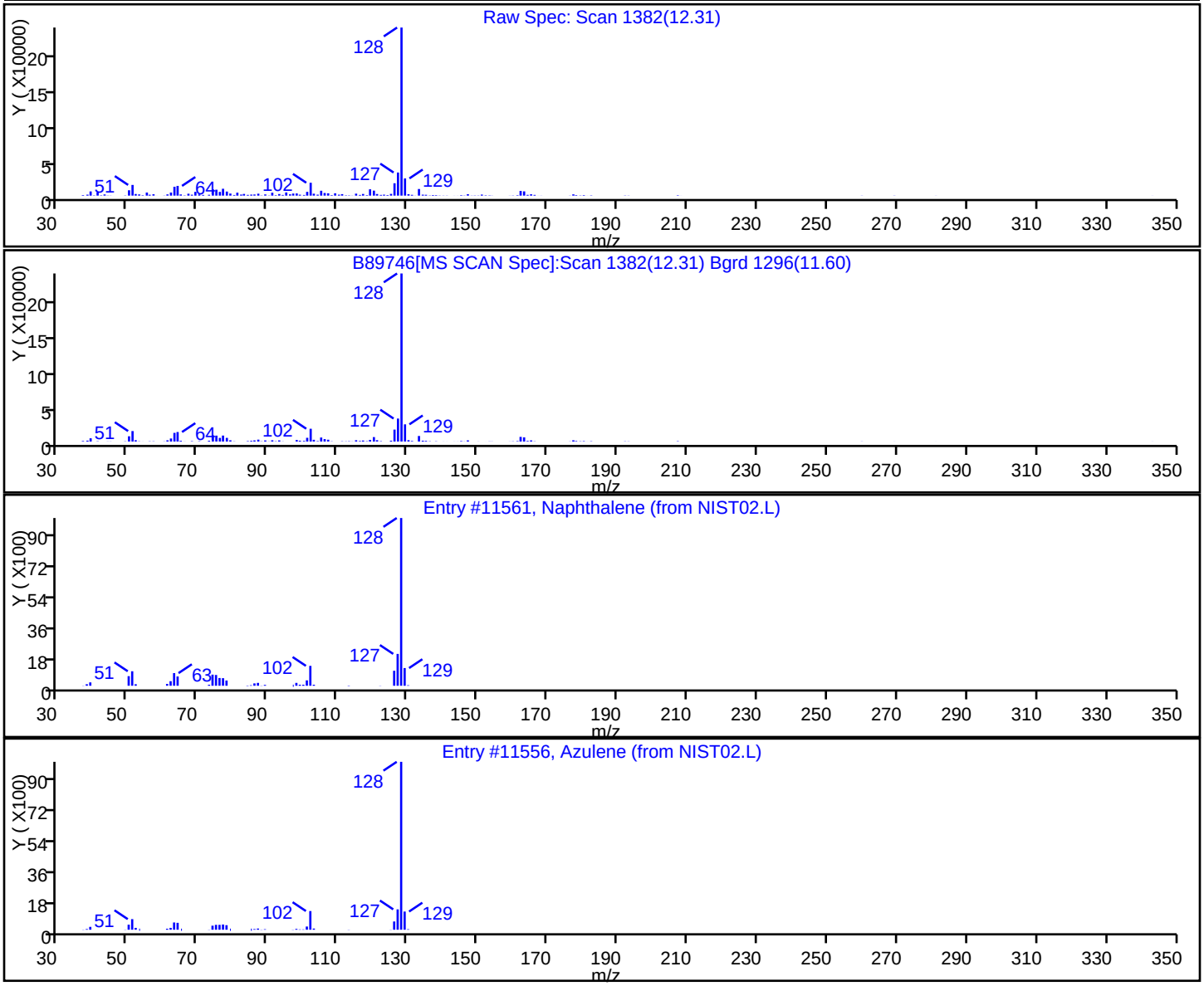
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 500.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene	91-20-3	NIST02.L	11561	C10H8	128	90
Azulene	275-51-4	NIST02.L	11556	C10H8	128	94

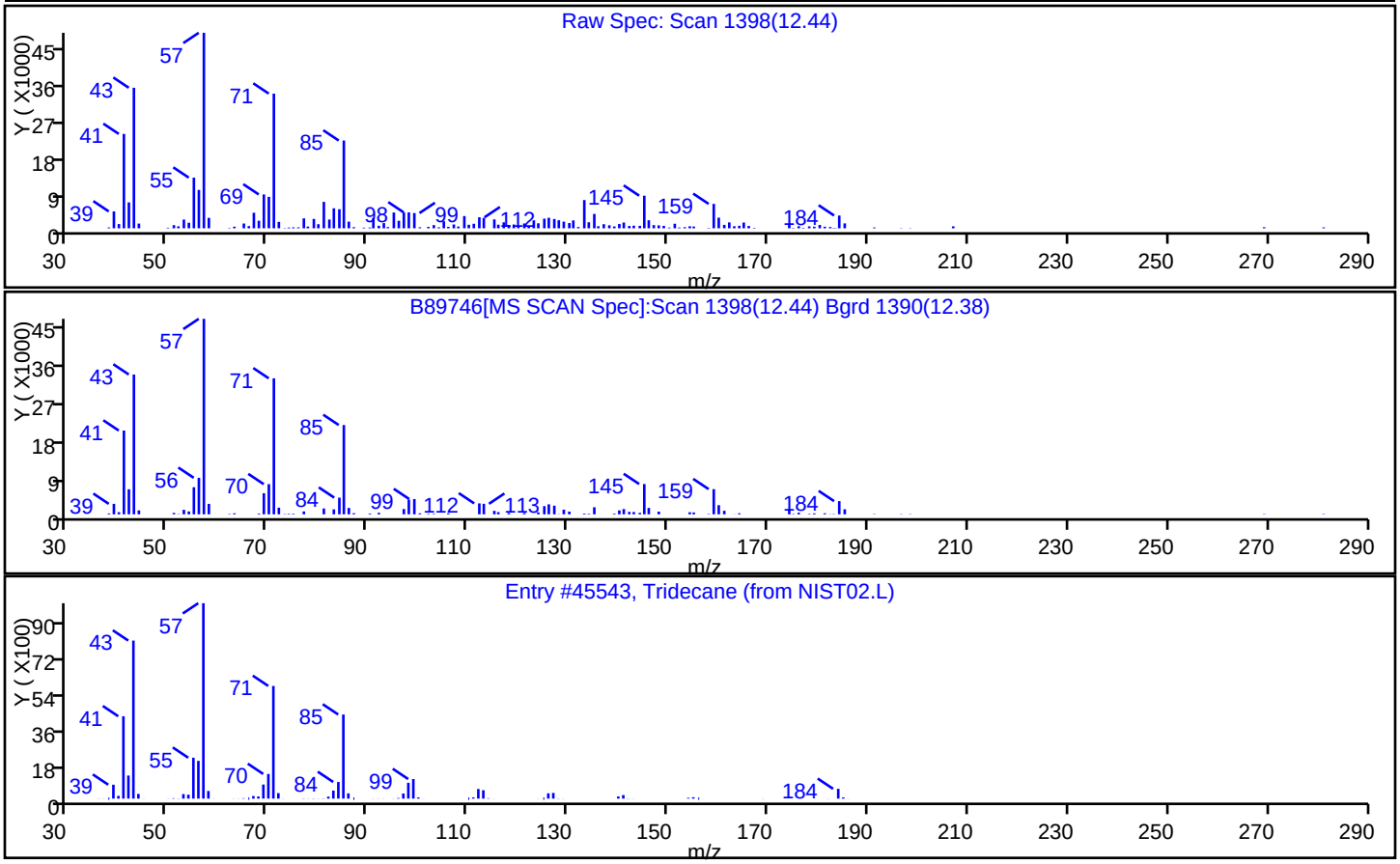


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D

Injection Date:	09-Nov-2015 17:37:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-9-A	Lab Sample ID:	460-104096-9
Client ID:	PMP-24-NW2-WT		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	500.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

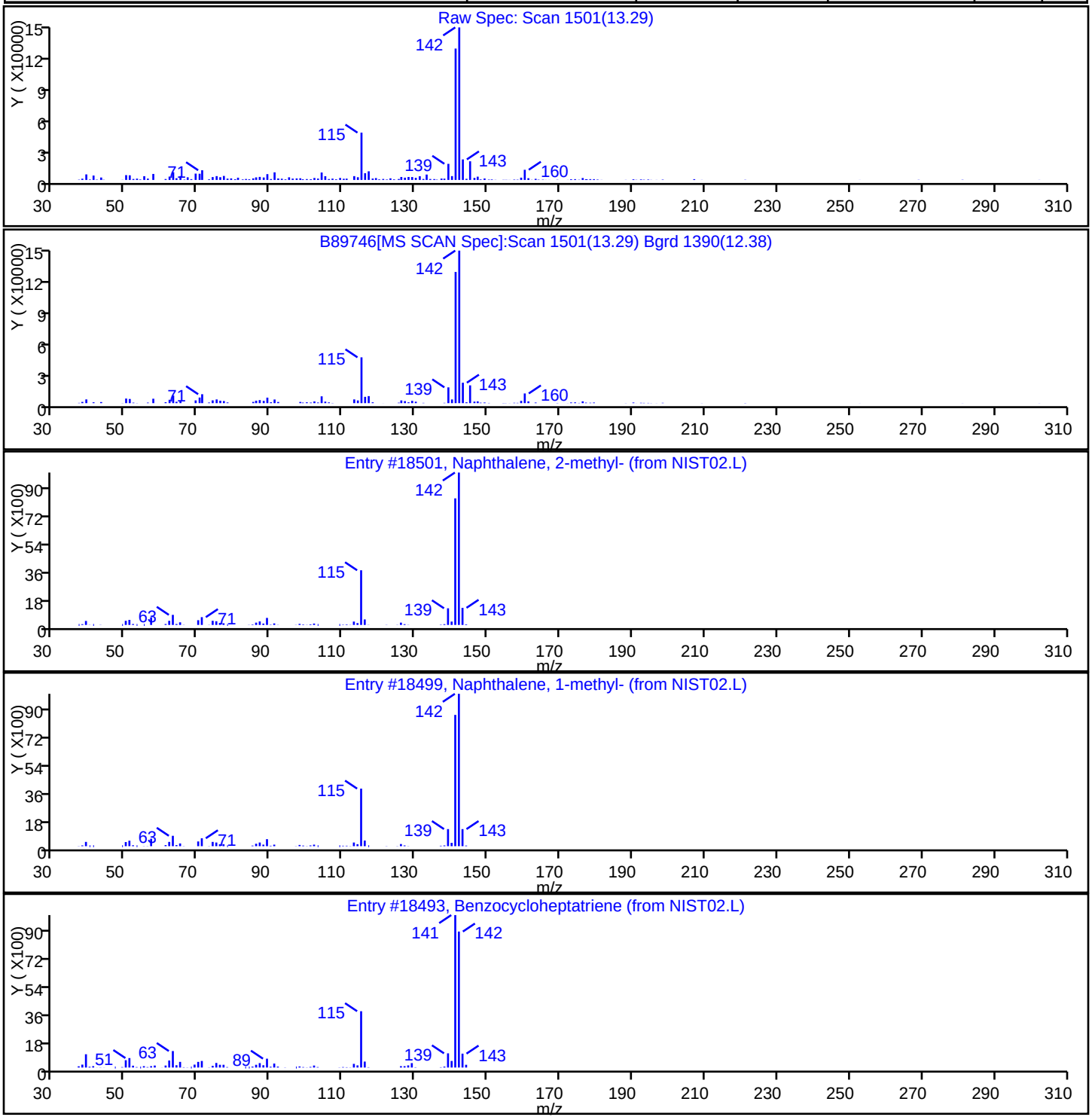
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89746.D
Injection Date: 09-Nov-2015 17:37:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-9-A Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 500.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S | Lab Sample ID: 460-104096-10

Matrix: Solid | Lab File ID: B89724.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:52

Sample wt/vol: 5.865(g) | Date Analyzed: 11/08/2015 17:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21	U	96	21
74-83-9	Bromomethane	17	U	96	17
75-01-4	Vinyl chloride	19	U	96	19
75-00-3	Chloroethane	35	U	96	35
75-09-2	Methylene Chloride	20	U	96	20
67-64-1	Acetone	100	U	480	100
75-15-0	Carbon disulfide	21	U	96	21
75-69-4	Trichlorofluoromethane	14	U	96	14
75-35-4	1,1-Dichloroethene	33	U	96	33
75-34-3	1,1-Dichloroethane	23	U	96	23
156-60-5	trans-1,2-Dichloroethene	17	U	96	17
156-59-2	cis-1,2-Dichloroethene	42	J	96	25
67-66-3	Chloroform	180		96	21
78-93-3	2-Butanone	210	U	480	210
107-06-2	1,2-Dichloroethane	24	U	96	24
71-55-6	1,1,1-Trichloroethane	27	U	96	27
56-23-5	Carbon tetrachloride	32	U	96	32
71-43-2	Benzene	18	U	96	18
75-25-2	Bromoform	17	U	96	17
100-42-5	Styrene	220		96	16
100-41-4	Ethylbenzene	460		96	29
108-90-7	Chlorobenzene	200		96	23
110-82-7	Cyclohexane	25	U	96	25
98-82-8	Isopropylbenzene	130		96	31
591-78-6	2-Hexanone	69	U	480	69
1634-04-4	MTBE	12	U	96	12
76-13-1	Freon TF	33	U	96	33
79-20-9	Methyl acetate	55	U	480	55
123-91-1	1,4-Dioxane	830	U *	2400	830
79-01-6	Trichloroethene	4600		96	21
108-88-3	Toluene	260		96	24
10061-02-6	trans-1,3-Dichloropropene	18	U	96	18
108-10-1	4-Methyl-2-pentanone	60	U	480	60
10061-01-5	cis-1,3-Dichloropropene	15	U	96	15
95-50-1	1,2-Dichlorobenzene	1800		96	21
541-73-1	1,3-Dichlorobenzene	68	J	96	32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S | Lab Sample ID: 460-104096-10

Matrix: Solid | Lab File ID: B89724.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:52

Sample wt/vol: 5.865(g) | Date Analyzed: 11/08/2015 17:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	280		96	32
120-82-1	1,2,4-Trichlorobenzene	20000		96	26
87-61-6	1,2,3-Trichlorobenzene	3800		96	33
78-87-5	1,2-Dichloropropane	17	U	96	17
108-87-2	Methylcyclohexane	21	U	96	21
127-18-4	Tetrachloroethene	220		96	34
1330-20-7	Xylenes, Total	3600		190	27
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	96	22
79-34-5	1,1,2,2-Tetrachloroethane	18	U	96	18
79-00-5	1,1,2-Trichloroethane	7.7	U	96	7.7
124-48-1	Dibromochloromethane	21	U	96	21
106-93-4	1,2-Dibromoethane	18	U	96	18
75-71-8	Dichlorodifluoromethane	13	U	96	13
74-97-5	Bromochloromethane	29	U	96	29
75-27-4	Bromodichloromethane	14	U	96	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		69-145
2037-26-5	Toluene-d8 (Surr)	103		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	98		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S | Lab Sample ID: 460-104096-10

Matrix: Solid | Lab File ID: B89724.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:52

Sample wt/vol: 5.865(g) | Date Analyzed: 11/08/2015 17:40

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 50400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	9.28	4200	J
493-02-7	Naphthalene, decahydro-, trans-	10.78	8200	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.06	3900	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.45	6500	J N
	Unknown	11.50	3700	J
527-53-7	Benzene, 1,2,3,5-tetramethyl-	11.78	5400	J N
	Unknown	11.87	6000	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.07	4000	J N
91-57-6	Naphthalene, 2-methyl-	13.29	4500	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Sample Type: Client
Inject. Date: 08-Nov-2015 17:40:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-10-A
Misc. Info.: 460-0033958-026
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:49:14 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:37:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.599	0.008	87	163743	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	99	168805	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	58	1362	0.4383	
48 Chloroform	83	4.031	4.023	0.008	97	8581	1.85	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	92	110249	49.2	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	95	111504	48.8	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	441043	50.0	
64 Trichloroethene	95	5.290	5.290	0.000	96	121141	48.6	
* 69 1,4-Dioxane-d8	96	5.735	5.718	0.017	90	18909	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.854	0.008	99	392801	51.3	
81 Toluene	91	6.945	6.944	0.000	90	27016	2.75	
85 Tetrachloroethene	166	7.562	7.553	0.009	95	6272	2.35	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	389789	50.0	
92 Chlorobenzene	112	8.525	8.516	0.009	96	15450	2.10	
93 Ethylbenzene	106	8.607	8.607	0.000	97	17732	4.86	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	95	104294	22.7	
96 o-Xylene	106	9.101	9.101	0.000	95	71531	15.1	
98 Styrene	104	9.134	9.125	0.009	94	17719	2.25	
101 Isopropylbenzene	105	9.430	9.422	0.008	57	12761	1.33	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	98	163977	49.3	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	43	4178	0.7106	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	92	250171	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	26	18406	2.97	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	99	116952	18.8	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	96	804684	213.3	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	92	139466	40.1	M
S 135 Xylenes, Total	100				0		37.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Sample Type: Client
Inject. Date: 08-Nov-2015 17:40:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-10-A
Misc. Info.: 460-0033958-026
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:49:14 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:37:59

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
9.282	994081	44.2	91					
	493-02-7	Naphthalene, decahydro-, trans-						
10.780	7905695	85.6	119	97	16319	C10H18	138	
	874-41-9	Benzene, 1-ethyl-2,4-dimethyl-						
11.059	3731748	40.4	119	95	14366	C10H14	134	
	1000152-47-3	trans-Decalin, 2-methyl-						
11.290	3907810	42.3	119	95	24310	C11H20	152	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-						
11.454	6243474	67.6	119	90	14361	C10H14	134	
		Unknown						
11.504	3557065	38.5	119					
	527-53-7	Benzene, 1,2,3,5-tetramethyl-						
11.784	5229524	56.6	119	91	14359	C10H14	134	I
		Unknown						
11.874	5760931	62.3	119					
	6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-						
12.072	3912470	42.3	119	90	20746	C11H14	146	
	91-57-6	Naphthalene, 2-methyl-						
13.290	4326176	46.8	119	94	18501	C11H10	142	

Report Date: 11-Nov-2015 12:49:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.492	1124539	50.0
* 119 1,4-Dichlorobenzene-d4	10.598	4619979	50.0

QC Flag Legend

Processing Flags
Review Flags
l - User Selected Library Match

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

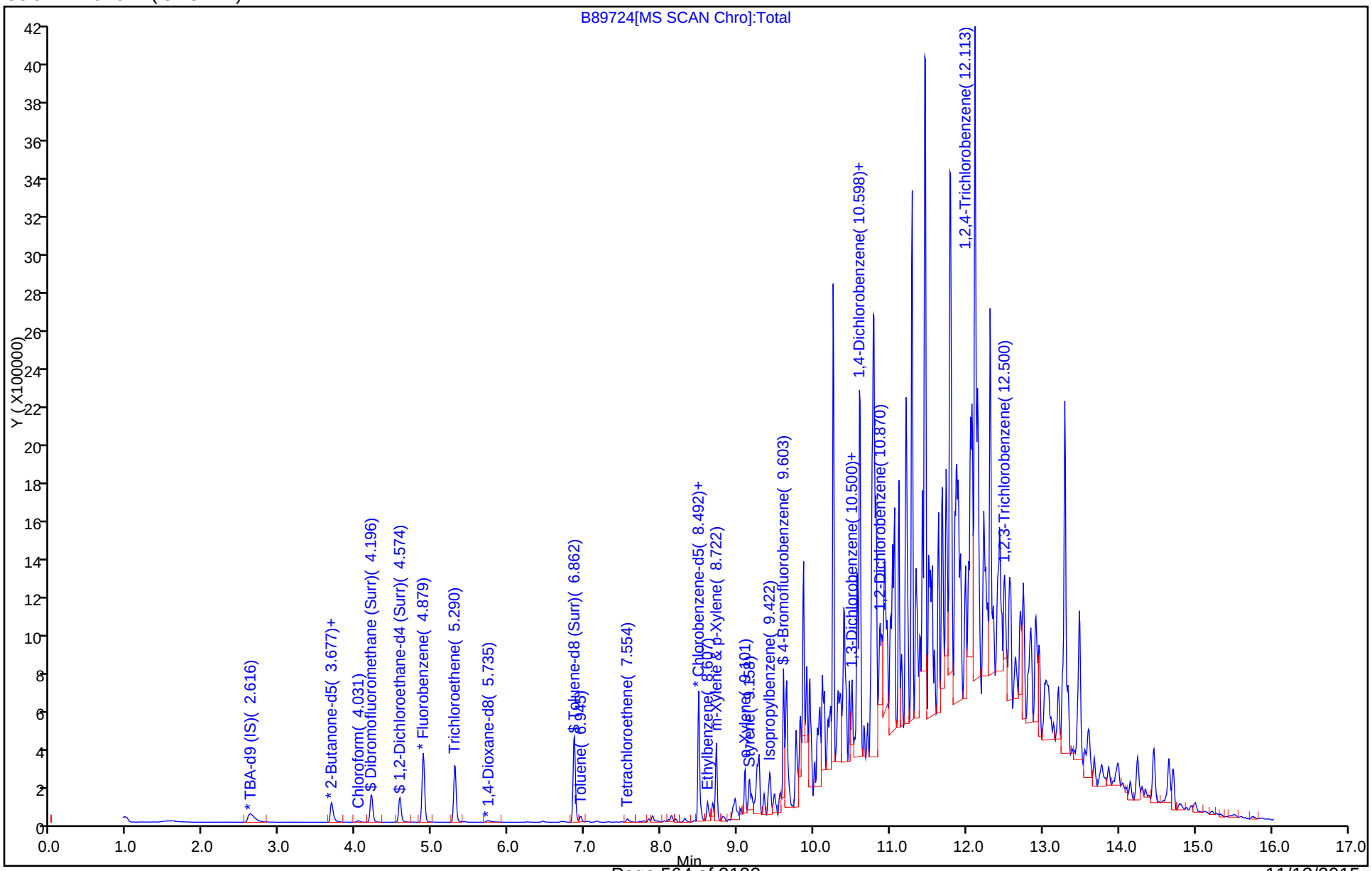
Report Date: 11-Nov-2015 12:49:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10	Worklist Smp#:	26
Client ID:	PMP-24-NW2-S				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	25
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

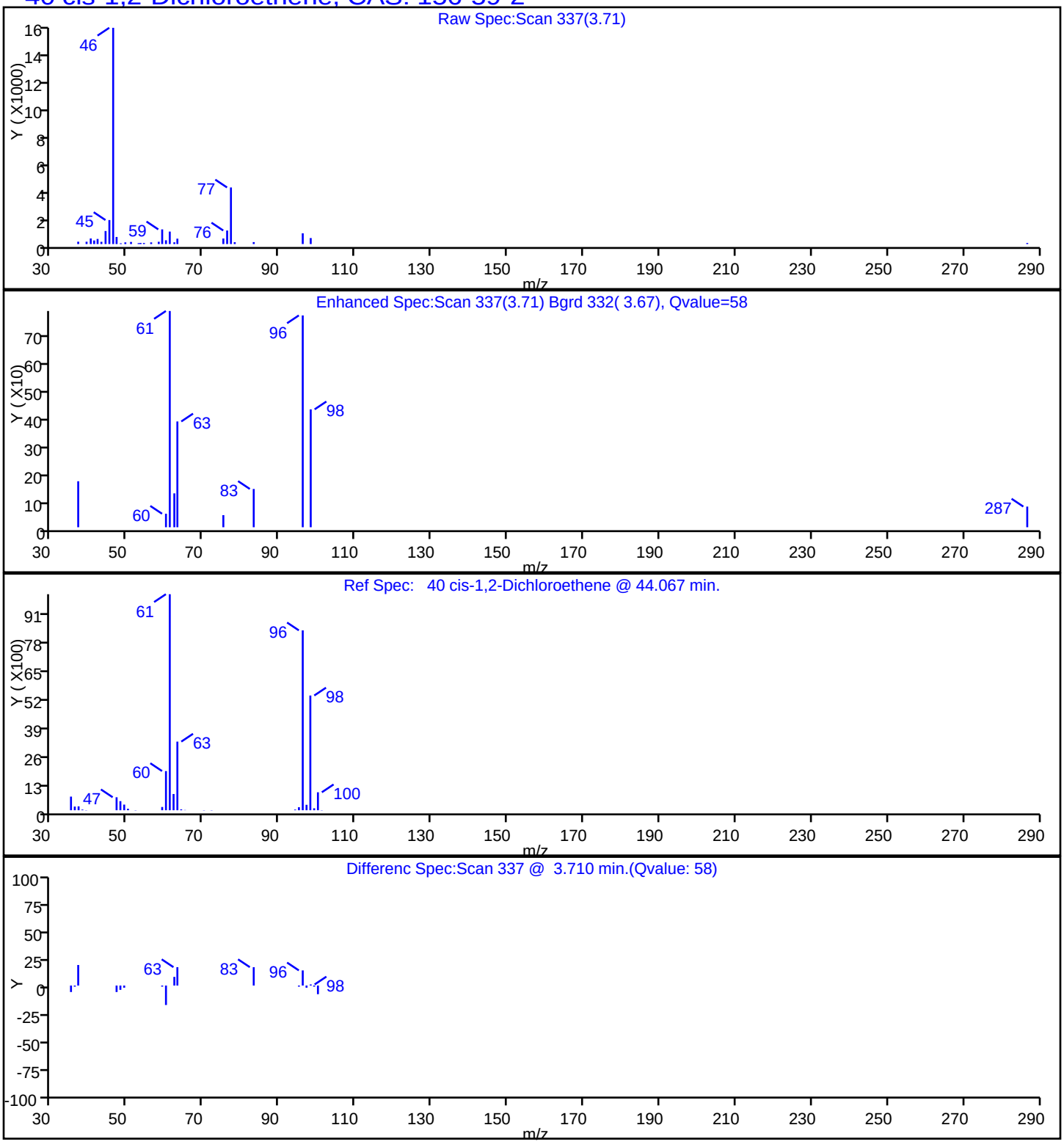
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

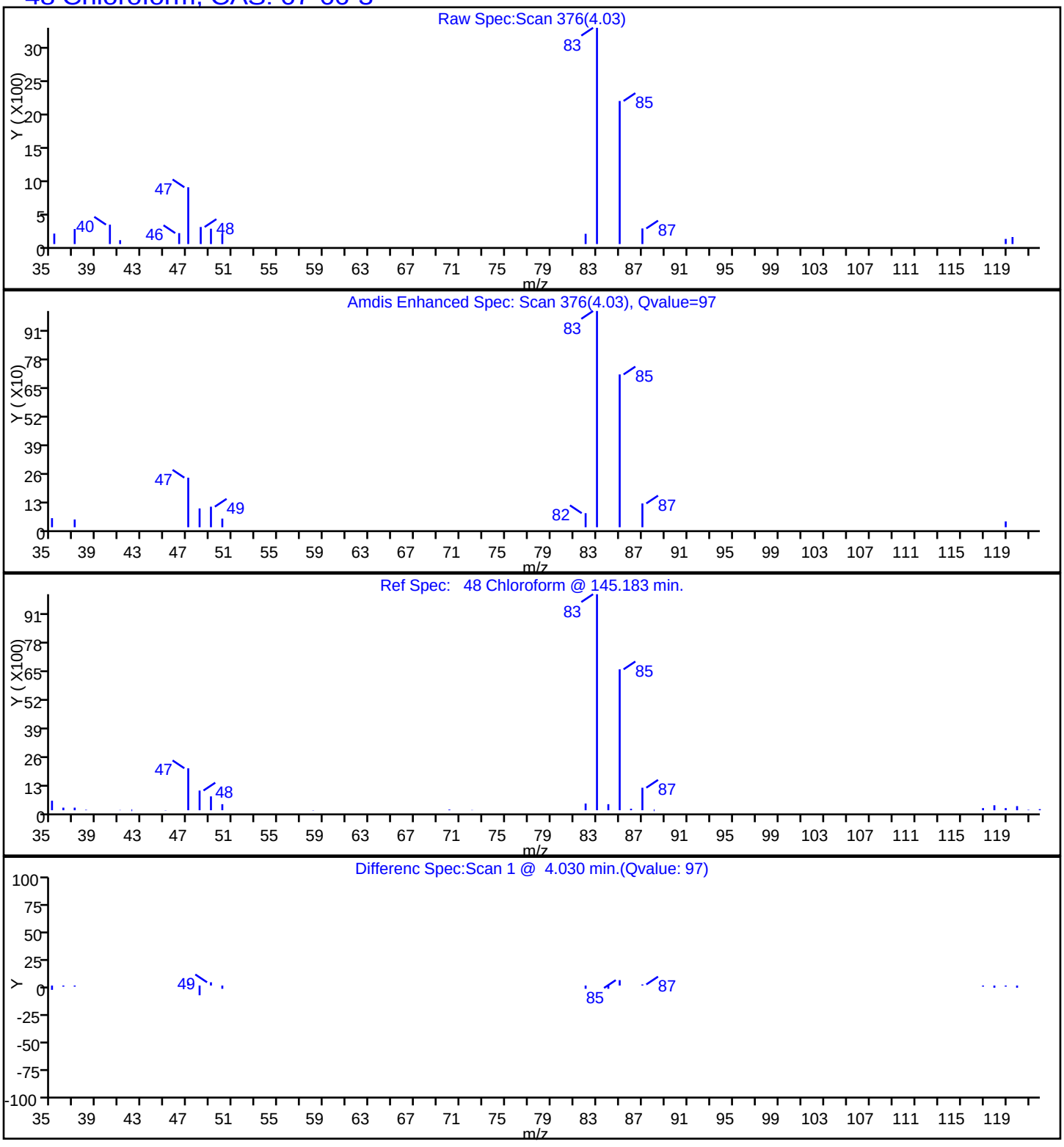
40 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

48 Chloroform, CAS: 67-66-3



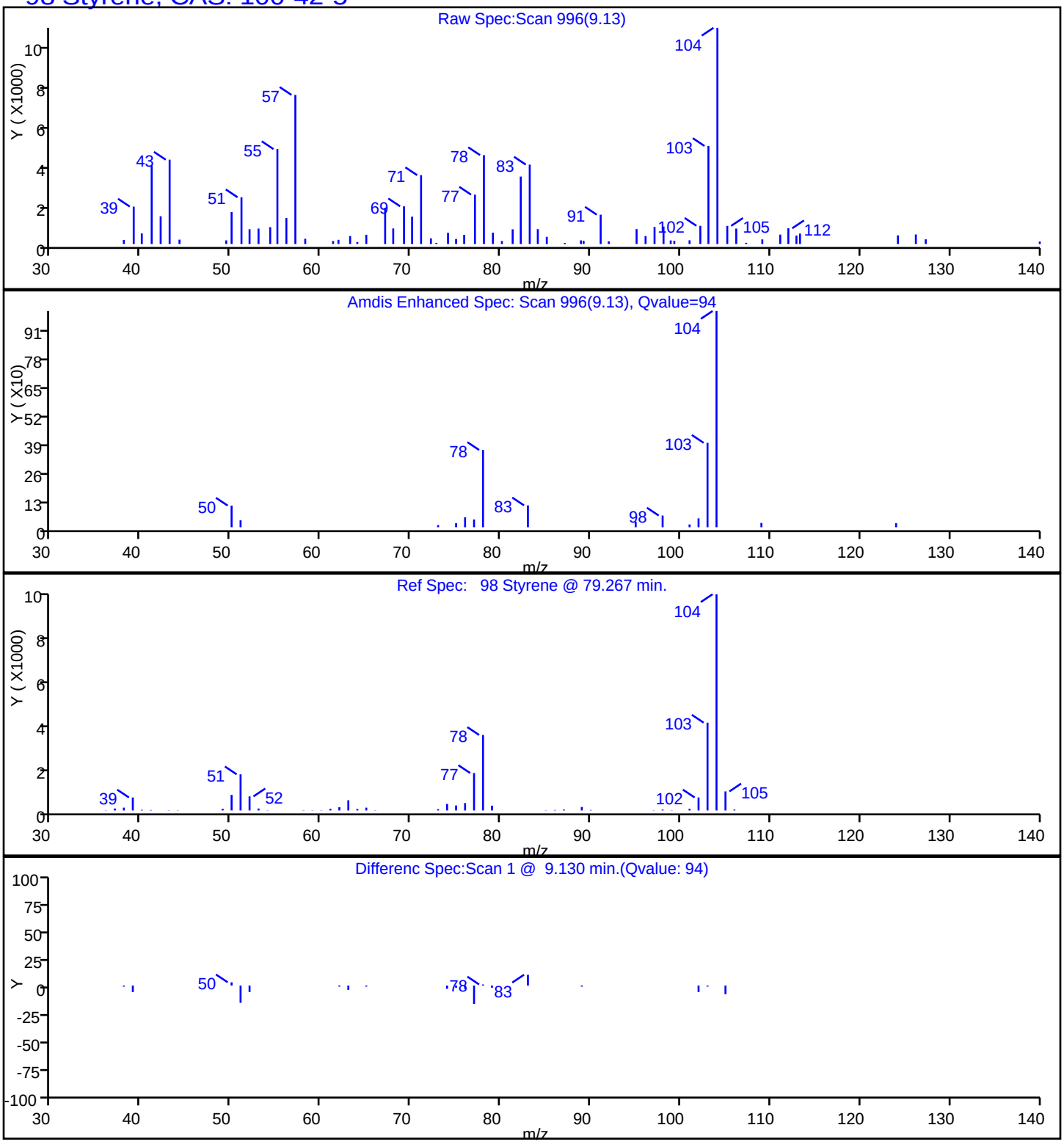
Report Date: 11-Nov-2015 12:49:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

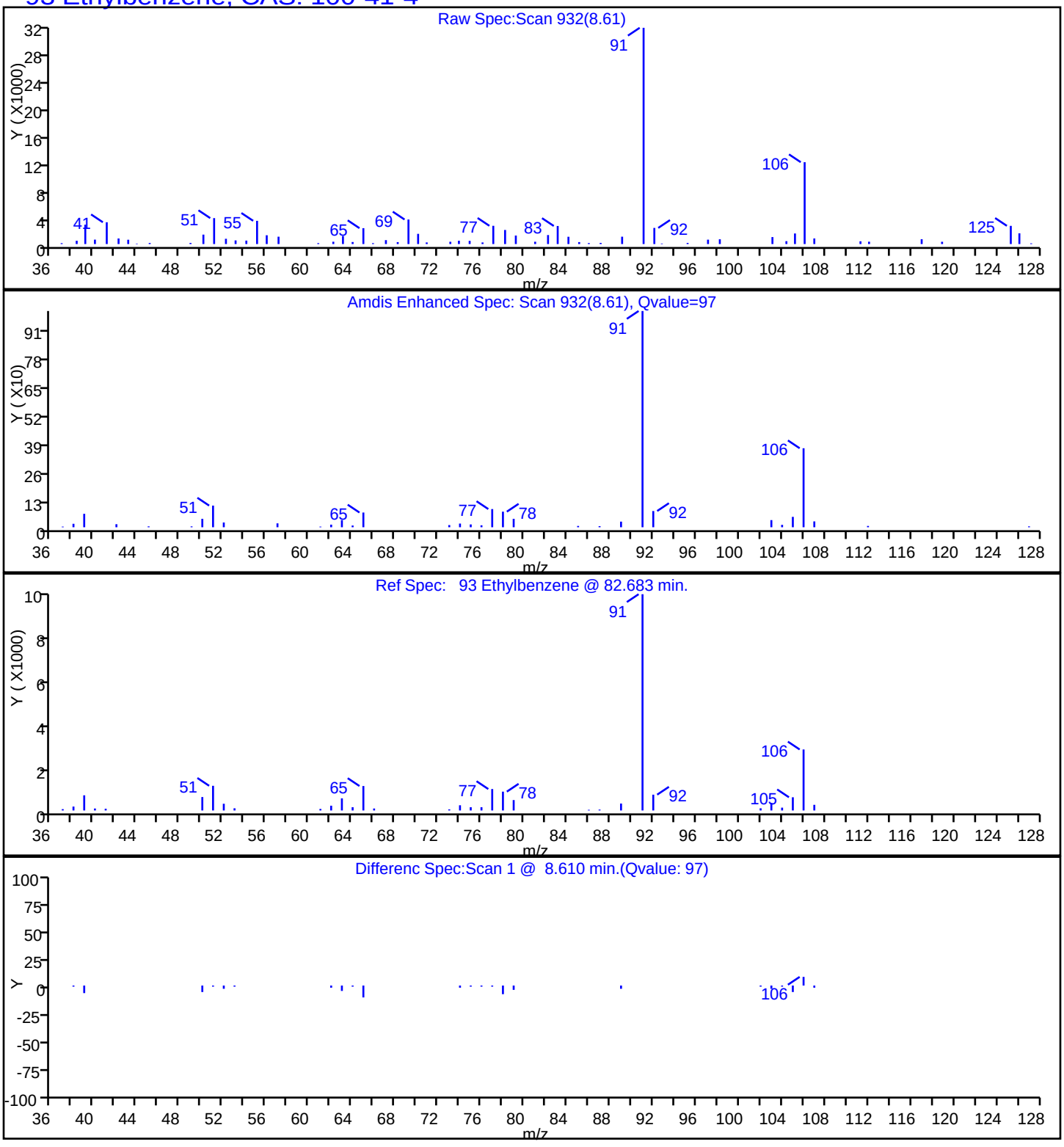
98 Styrene, CAS: 100-42-5



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

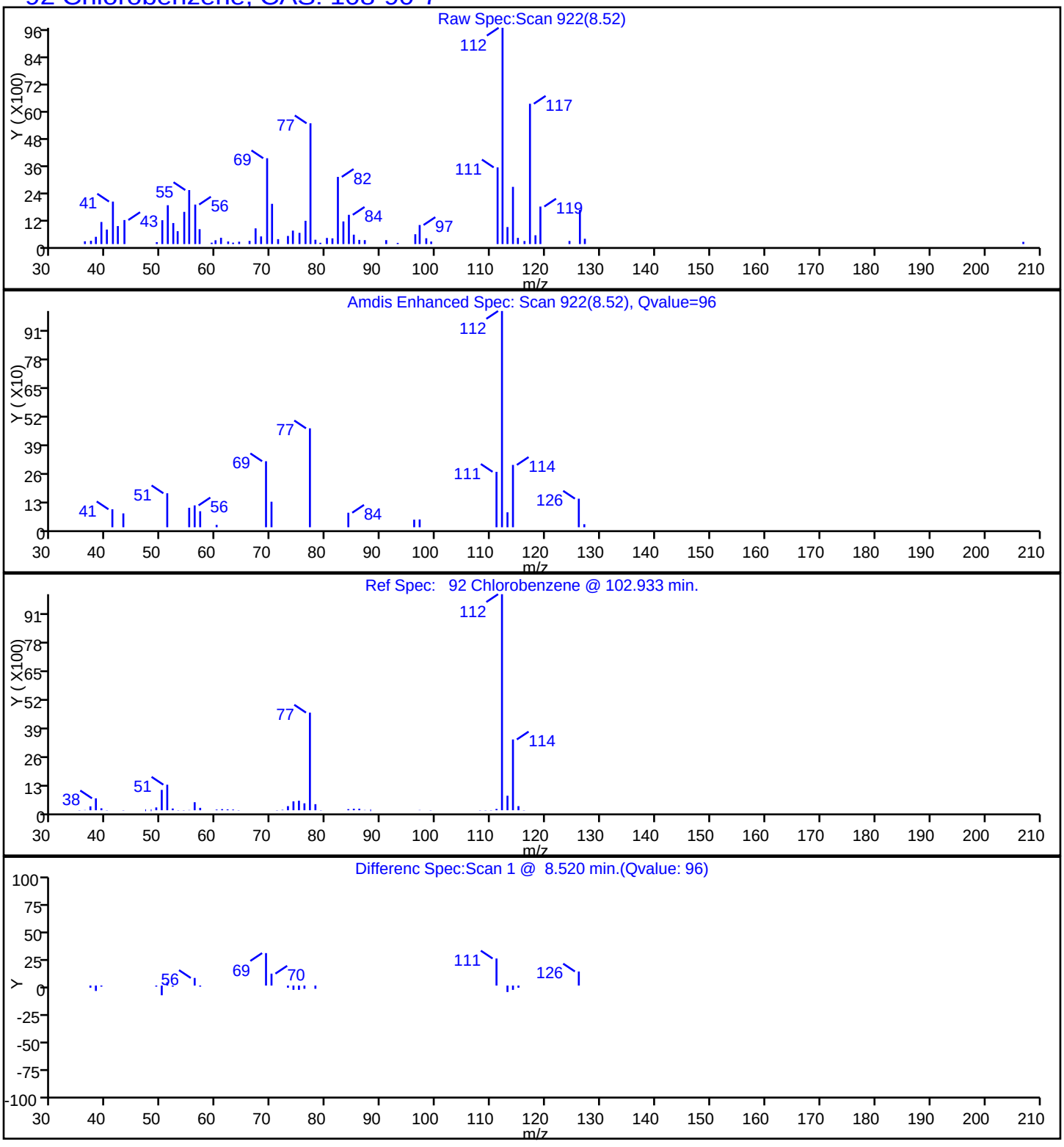
93 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

92 Chlorobenzene, CAS: 108-90-7

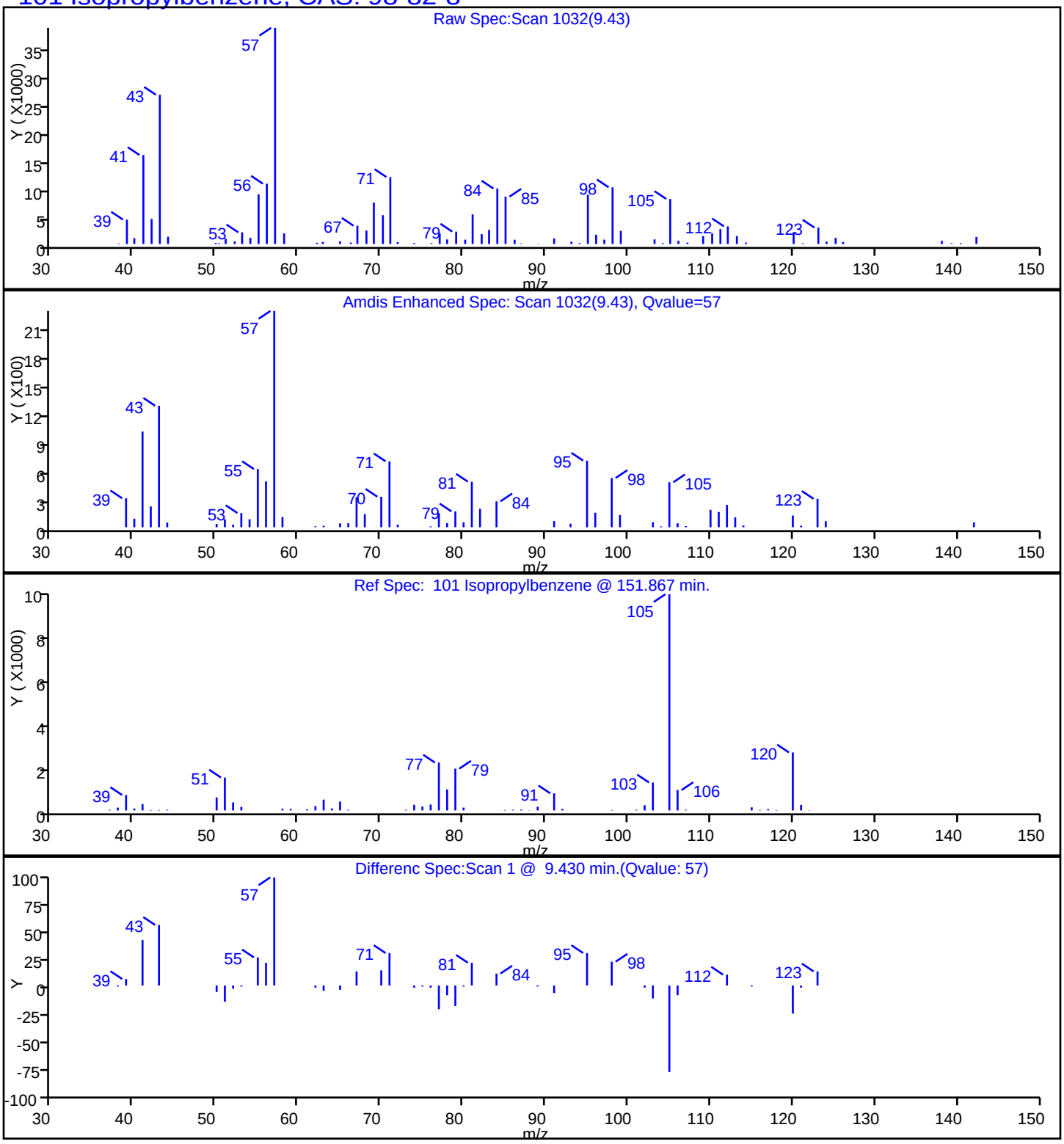


Report Date: 11-Nov-2015 12:49:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D				
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10		
Client ID:	PMP-24-NW2-S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

101 Isopropylbenzene, CAS: 98-82-8



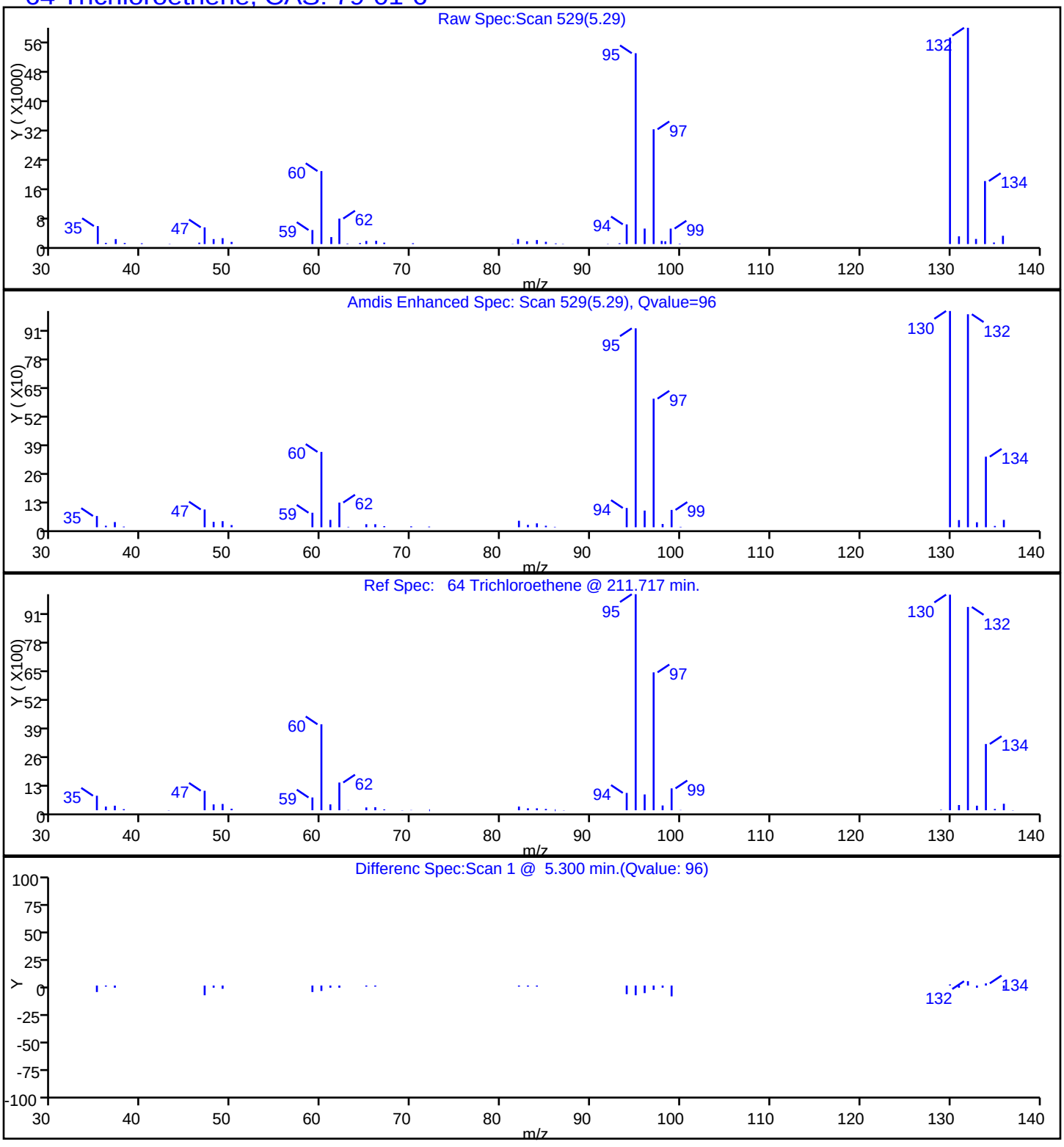
Report Date: 11-Nov-2015 12:49:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

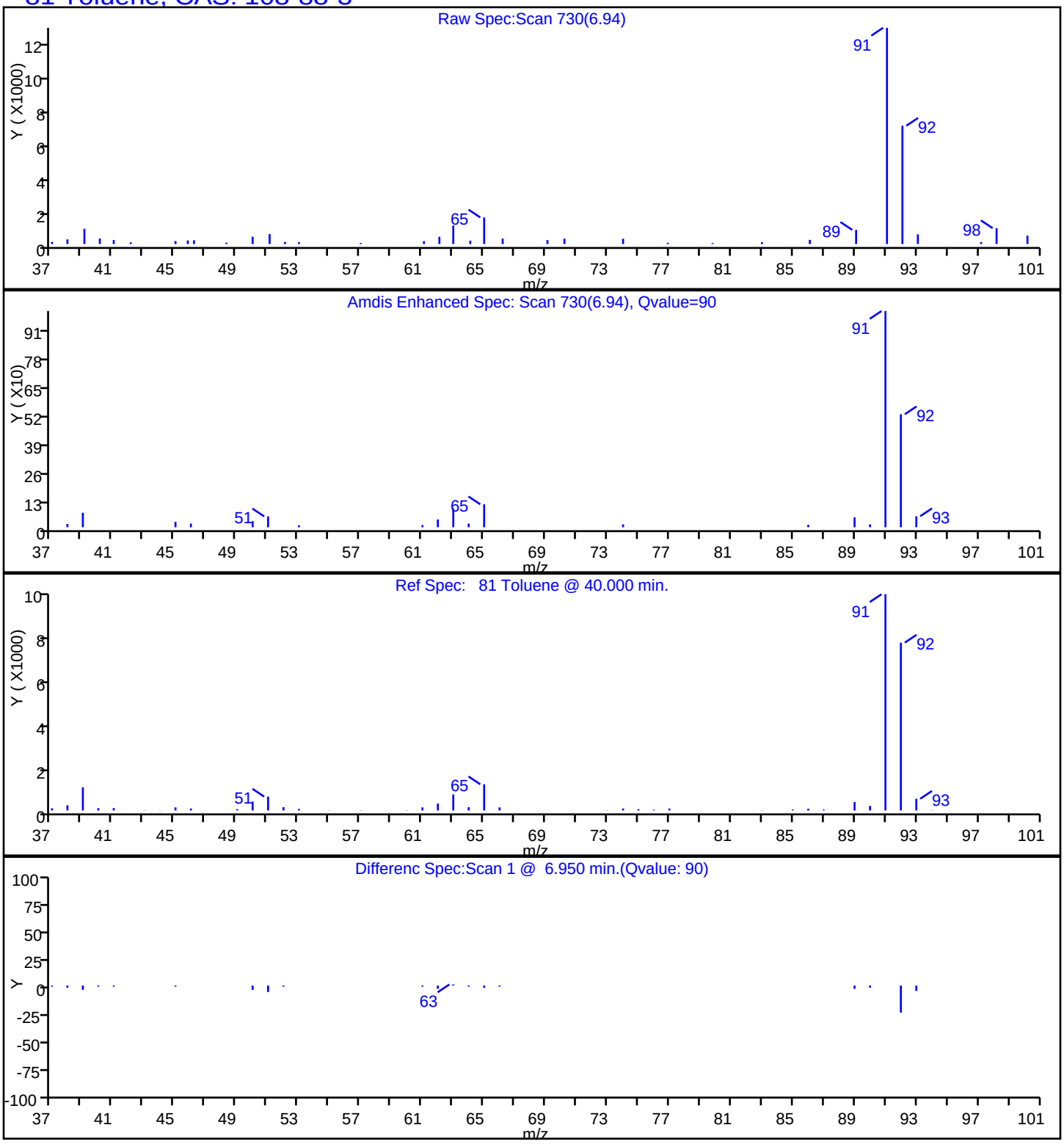
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

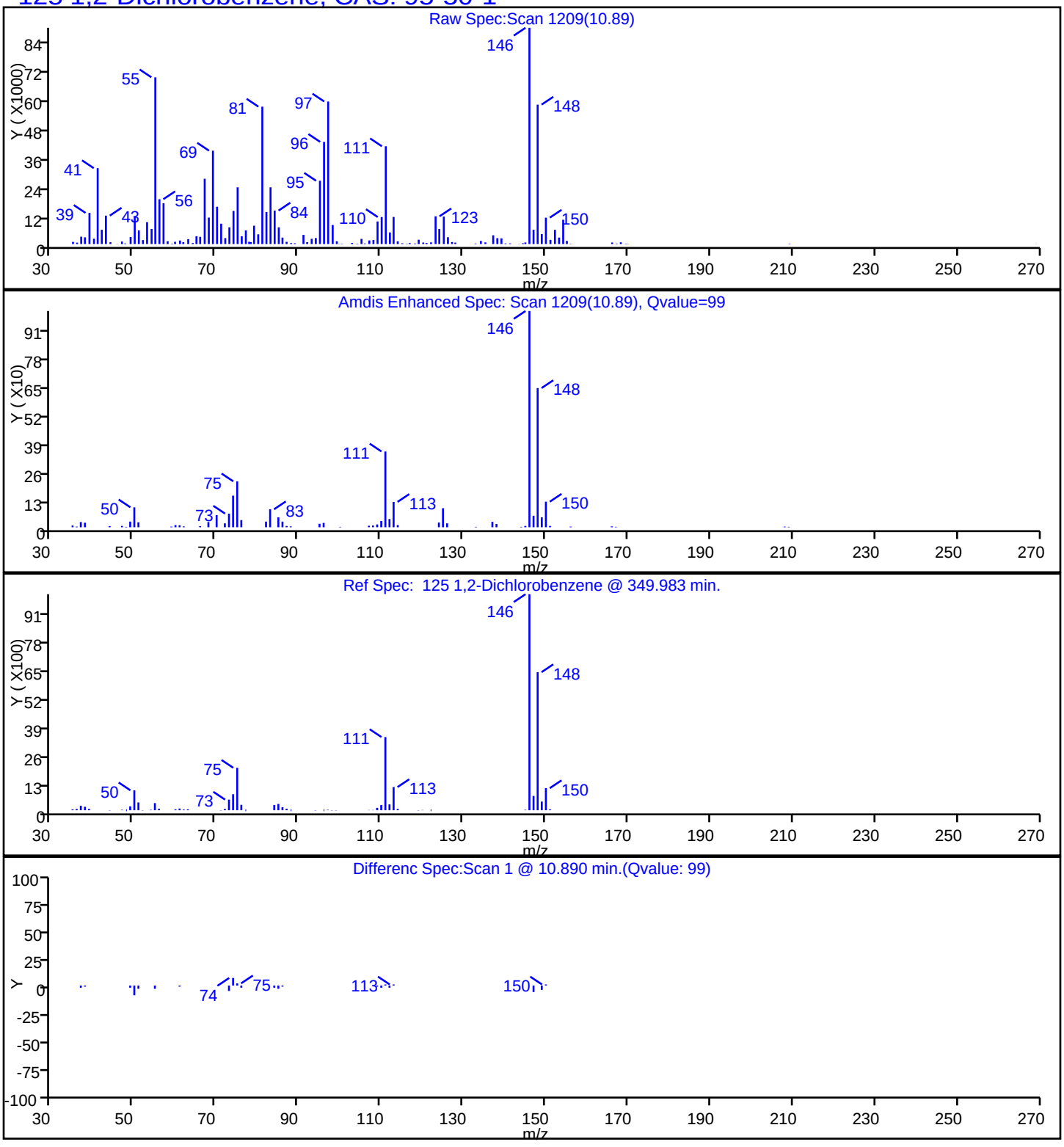
81 Toluene, CAS: 108-88-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

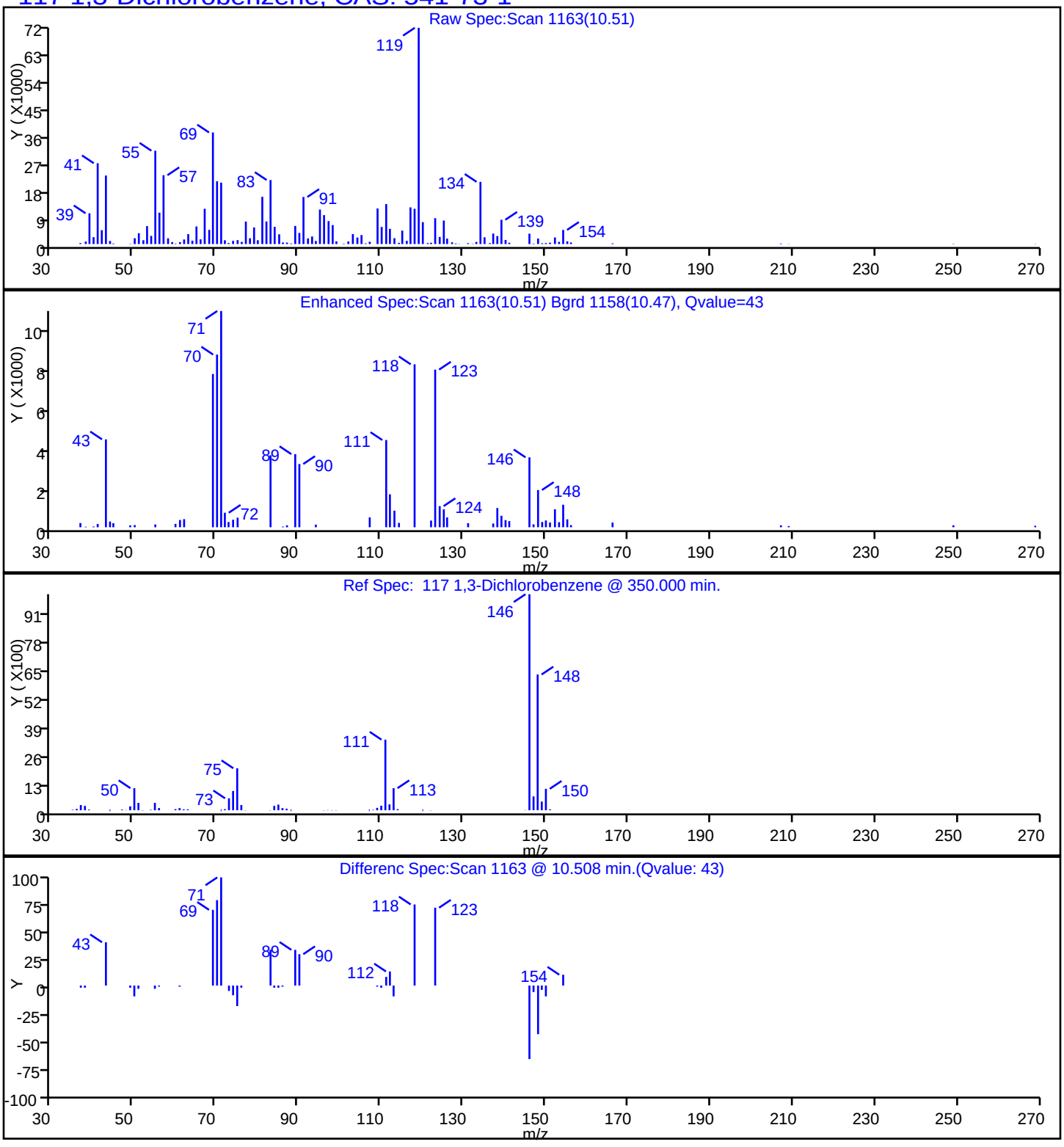
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

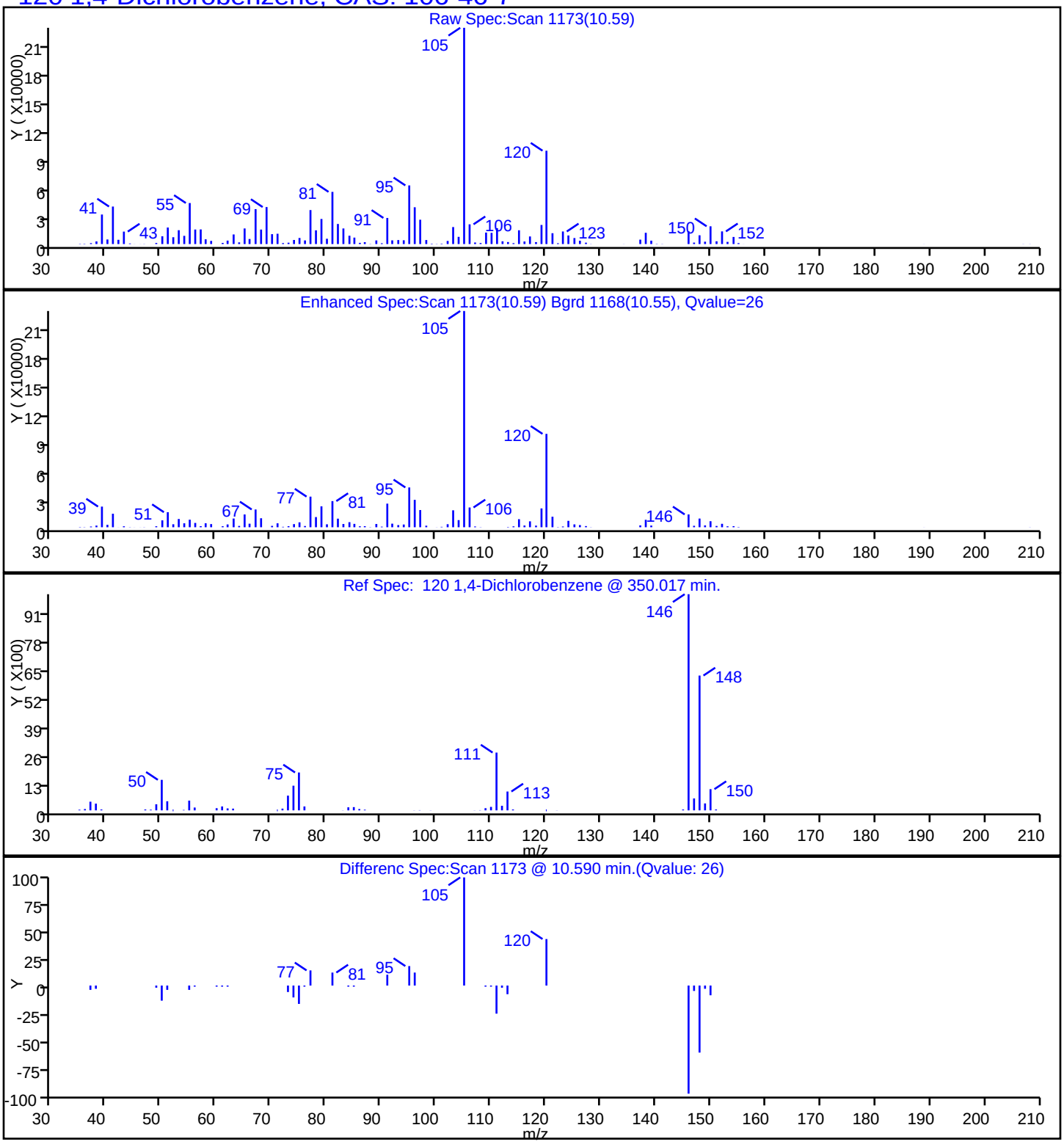
117 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

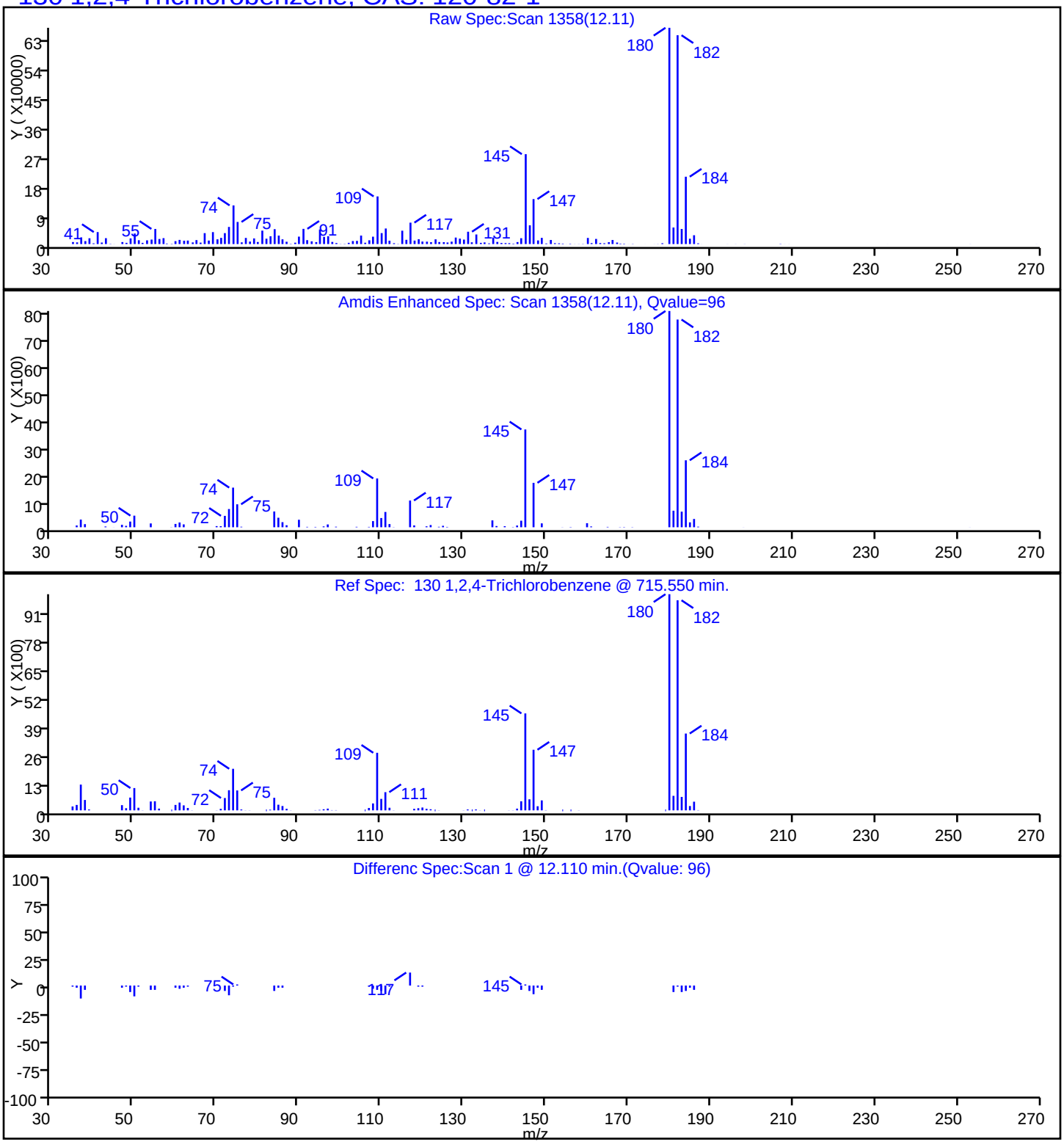
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

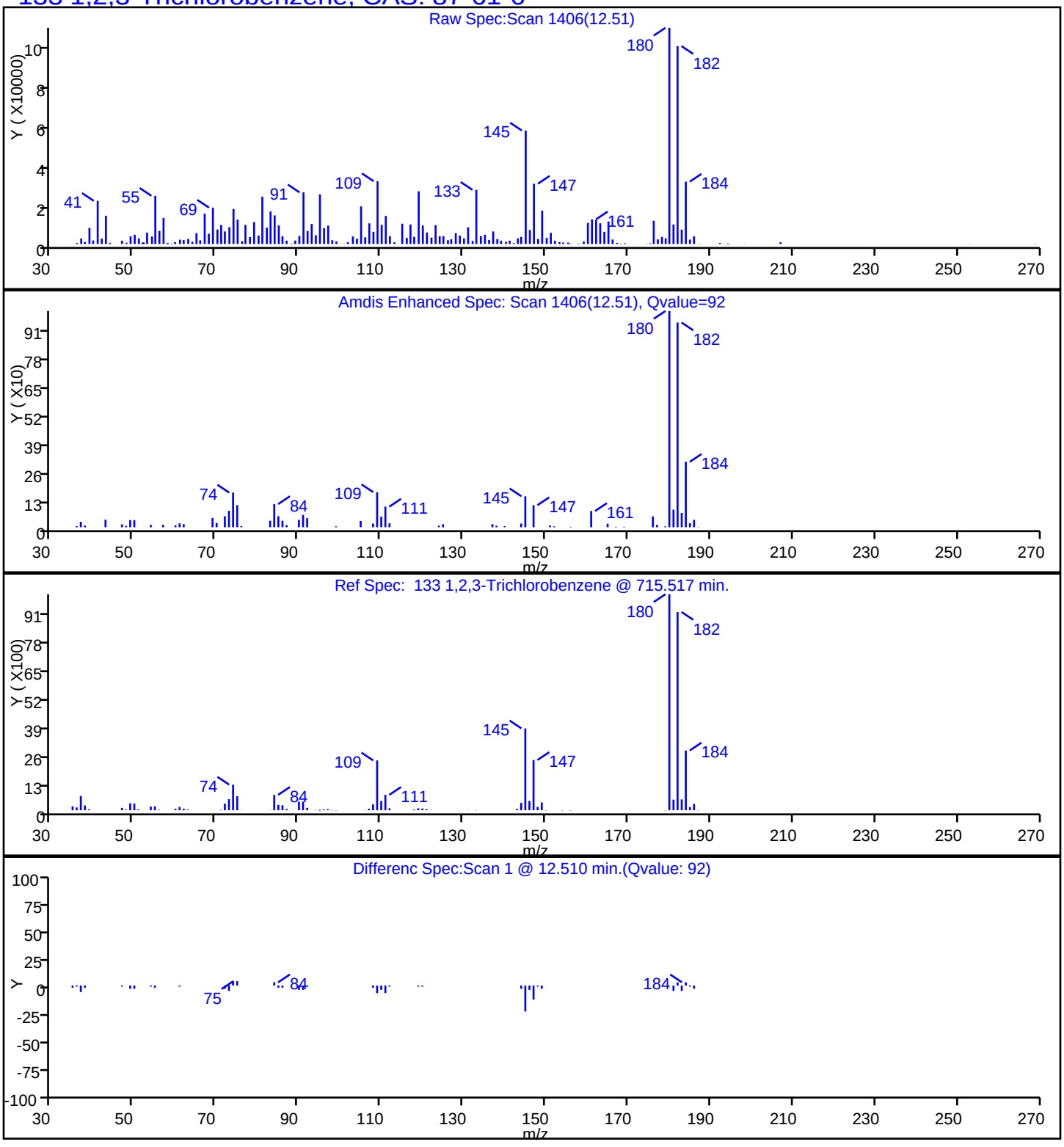
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

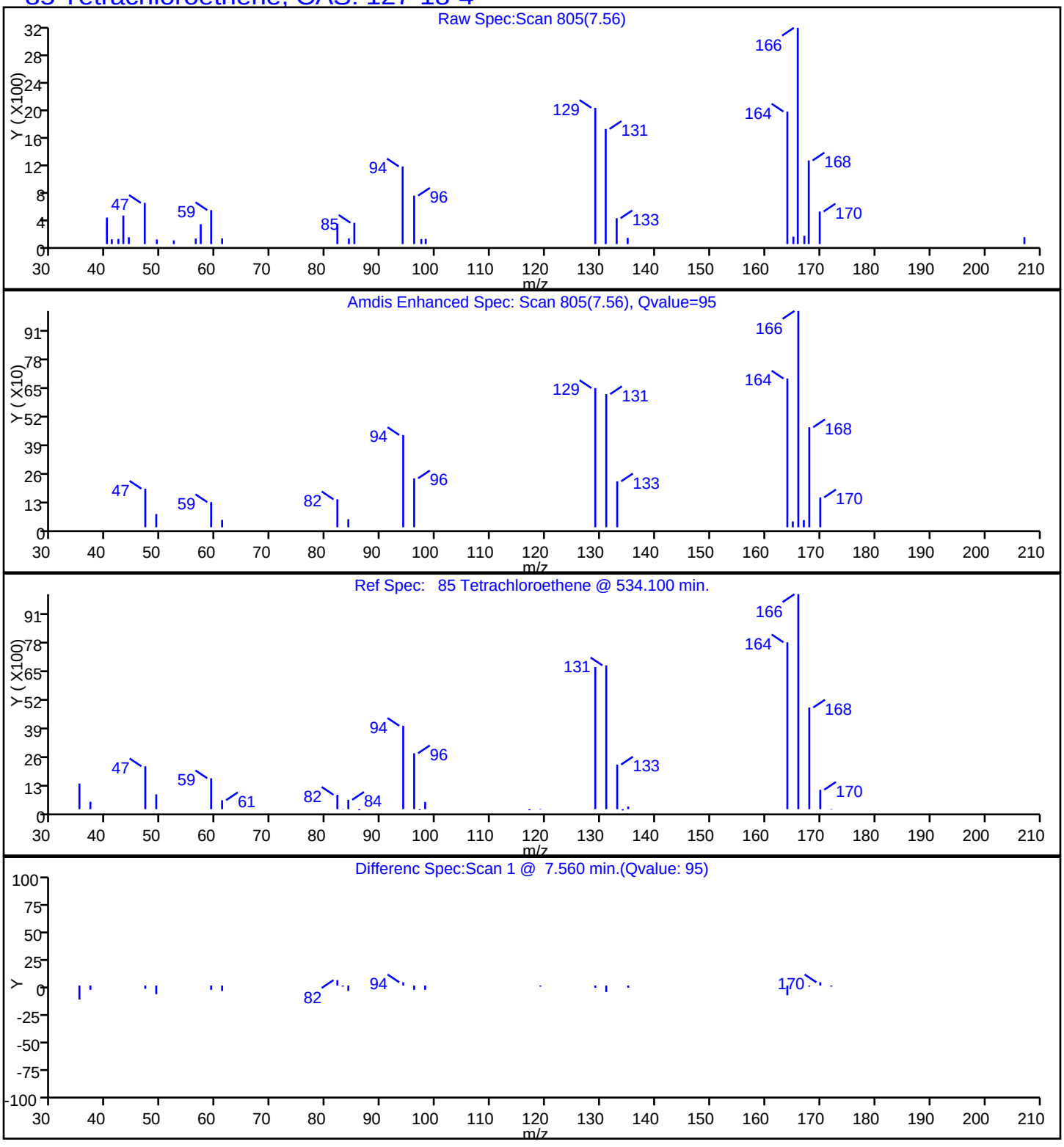
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

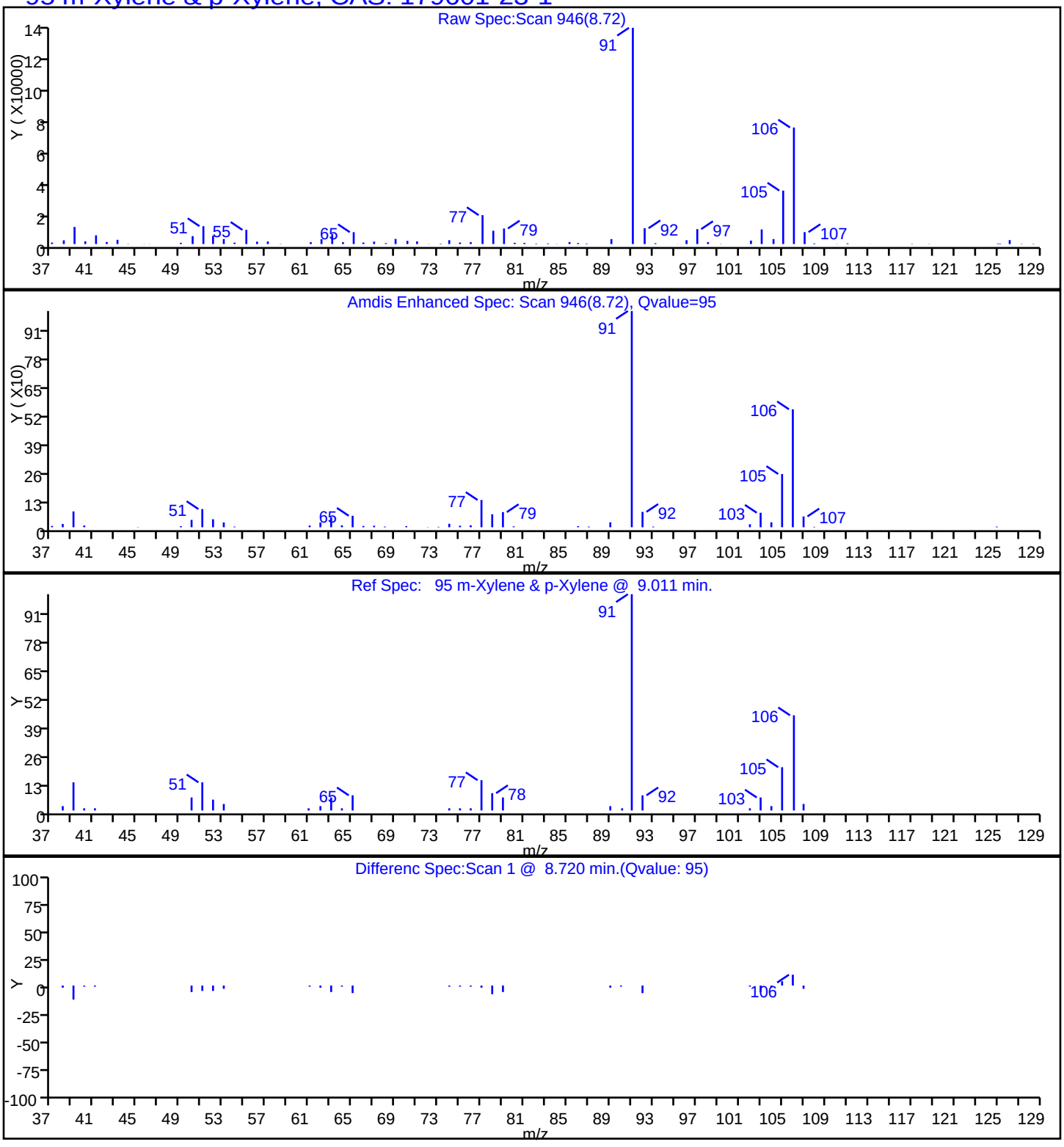
85 Tetrachloroethene, CAS: 127-18-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D		
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

95 m-Xylene & p-Xylene, CAS: 179601-23-1



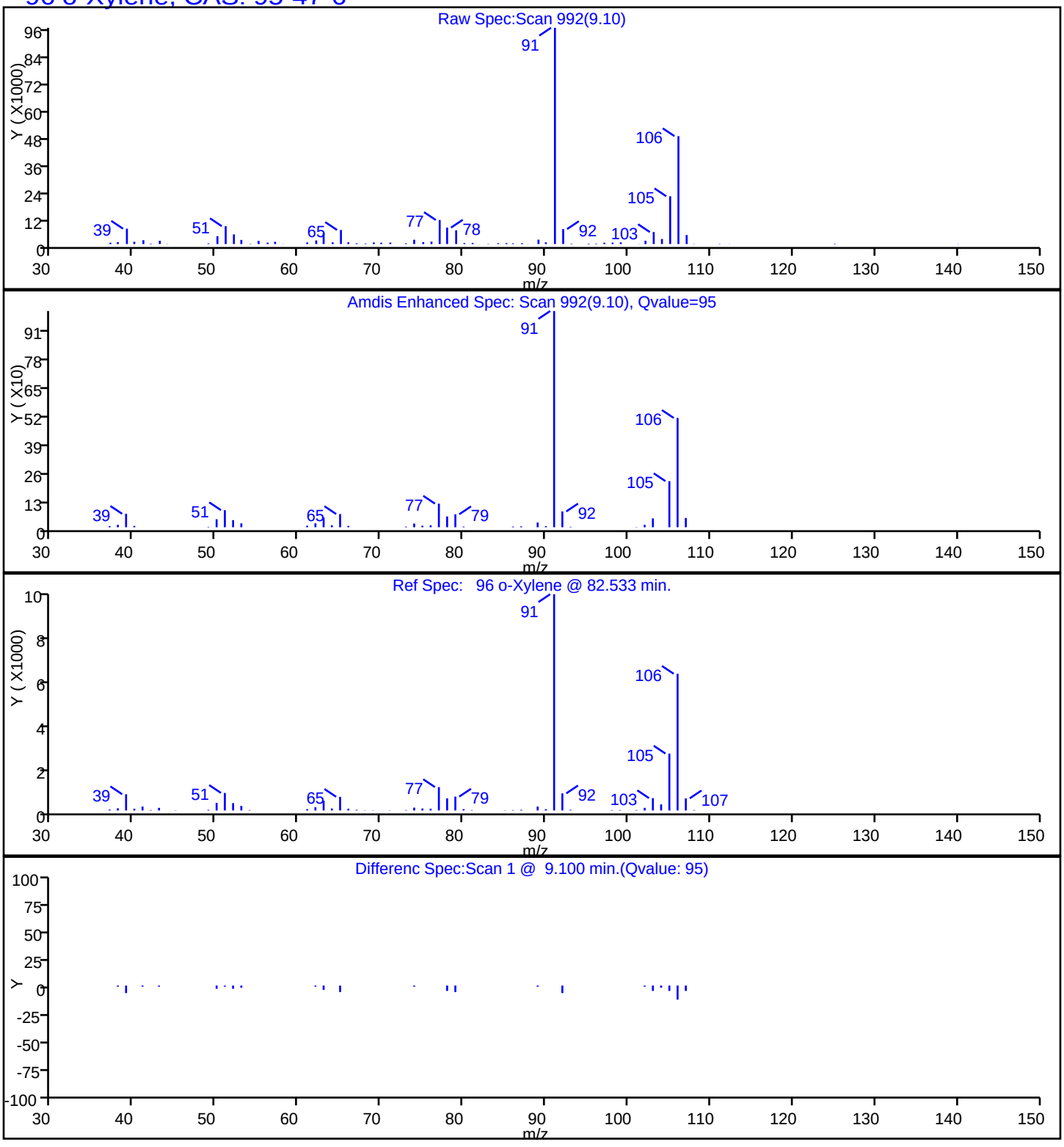
Report Date: 11-Nov-2015 12:49:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

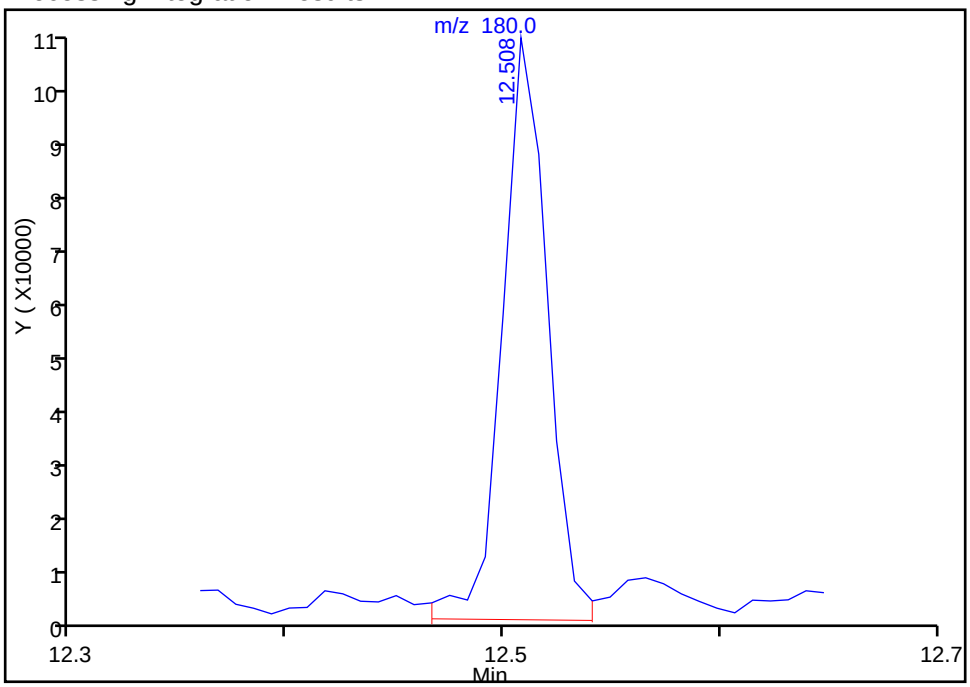
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D				
Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10		
Client ID:	PMP-24-NW2-S				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

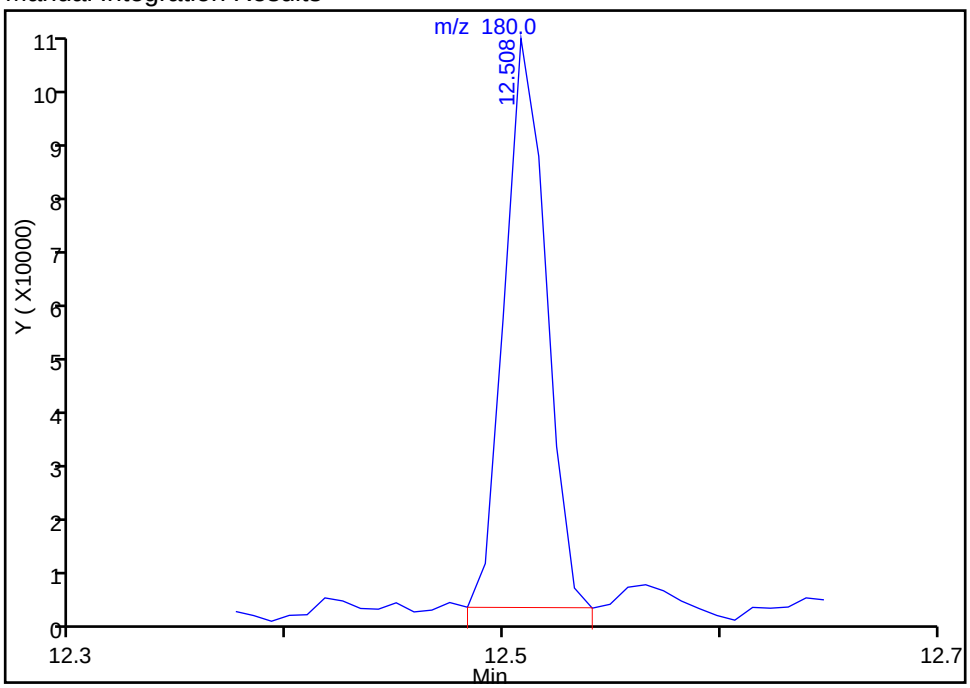
Processing Integration Results

RT: 12.51
Area: 157415
Amount: 45.301607
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 139466
Amount: 40.136162
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:49:14
Audit Action: Manually Integrated
Audit Reason: Baseline

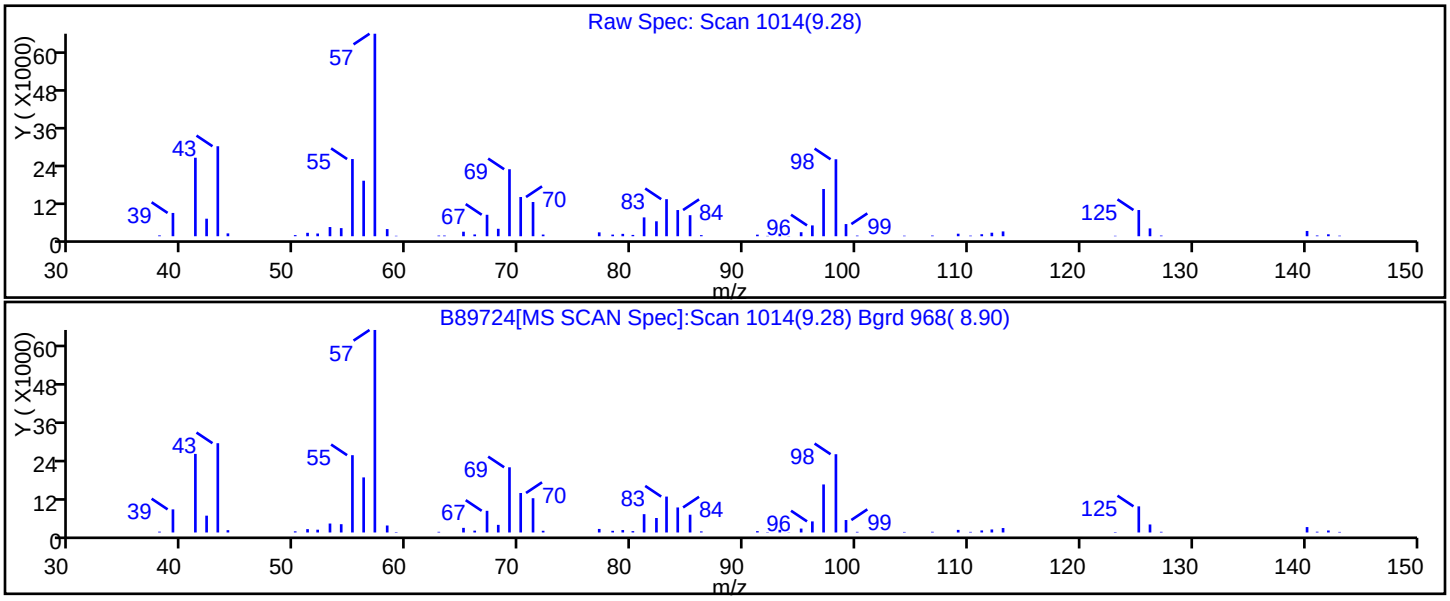
Report Date: 11-Nov-2015 12:49:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

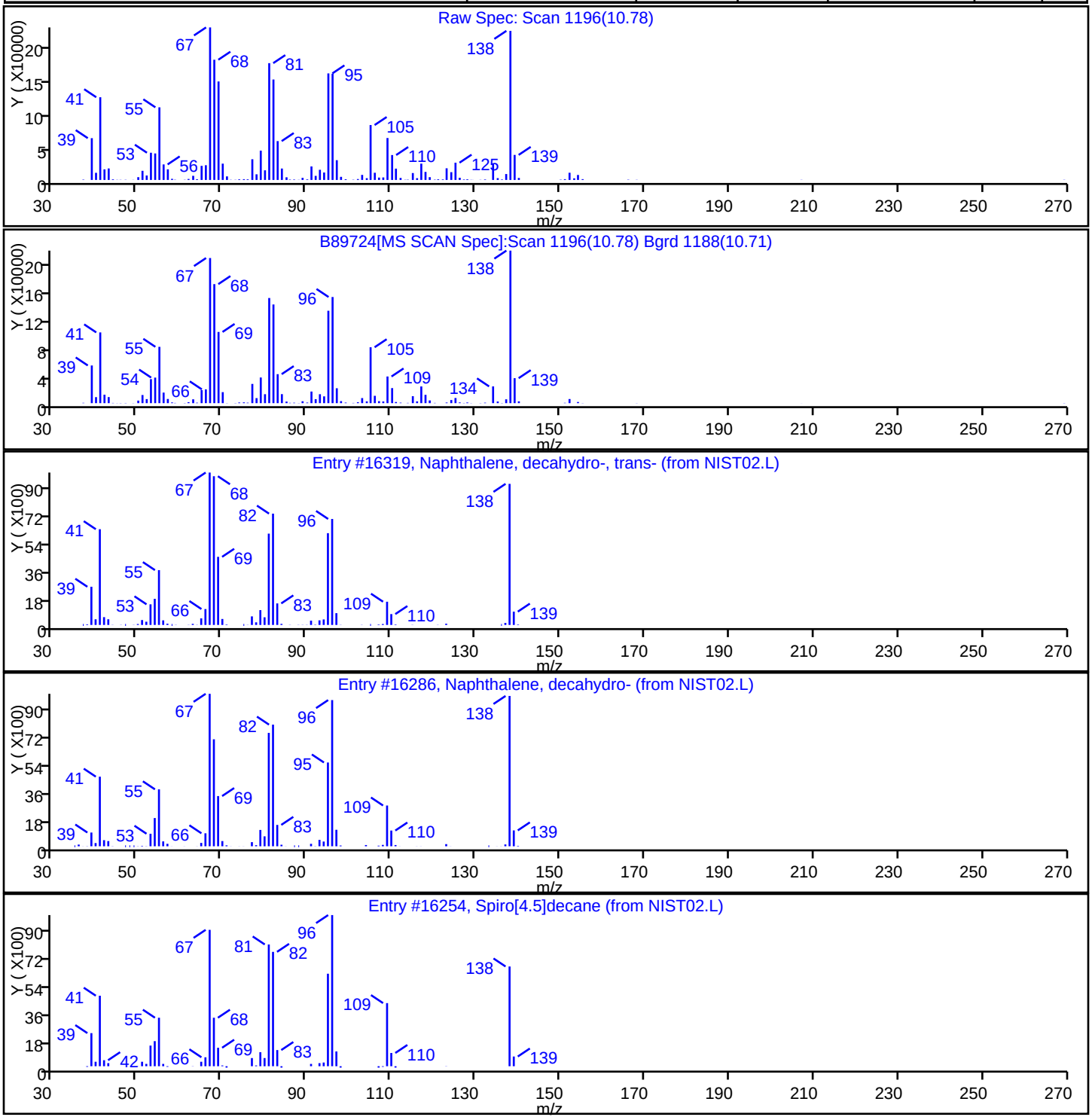
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

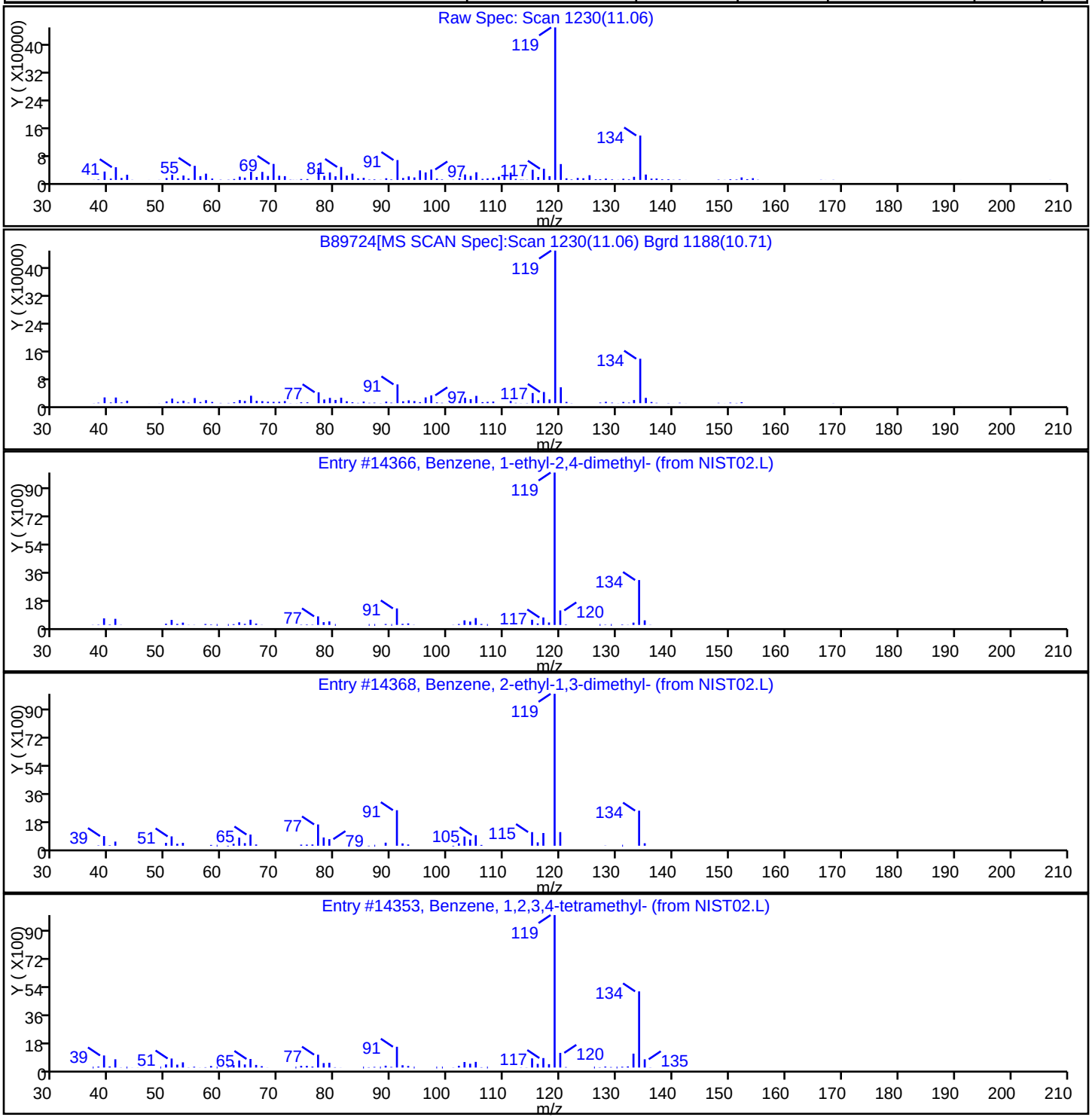
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	97
Naphthalene, decahydro-	91-17-8	NIST02.L	16286	C10H18	138	94
Spiro[4.5]decane	176-63-6	NIST02.L	16254	C10H18	138	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

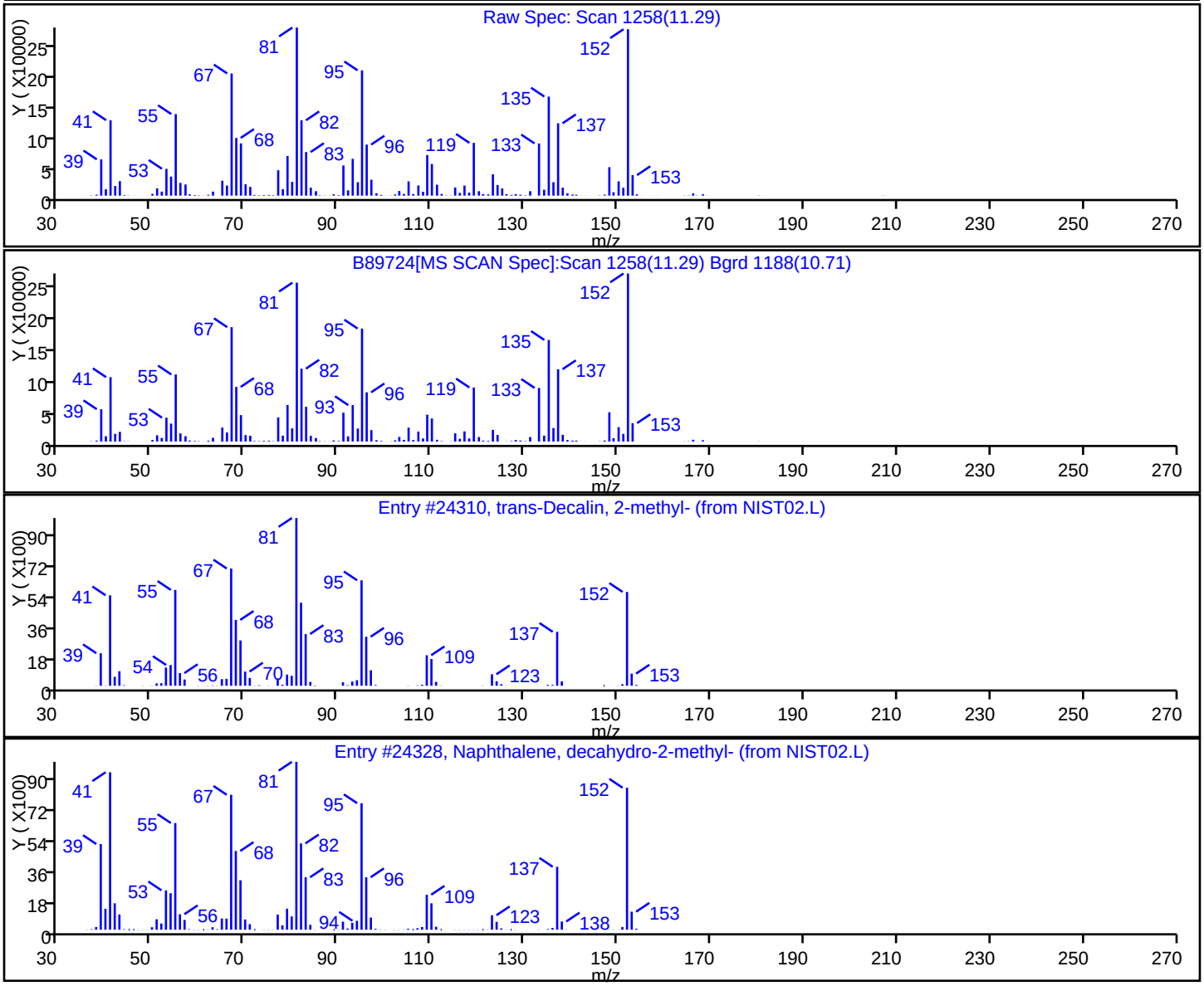
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14366	C10H14	134	95
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14368	C10H14	134	94
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	95
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	91



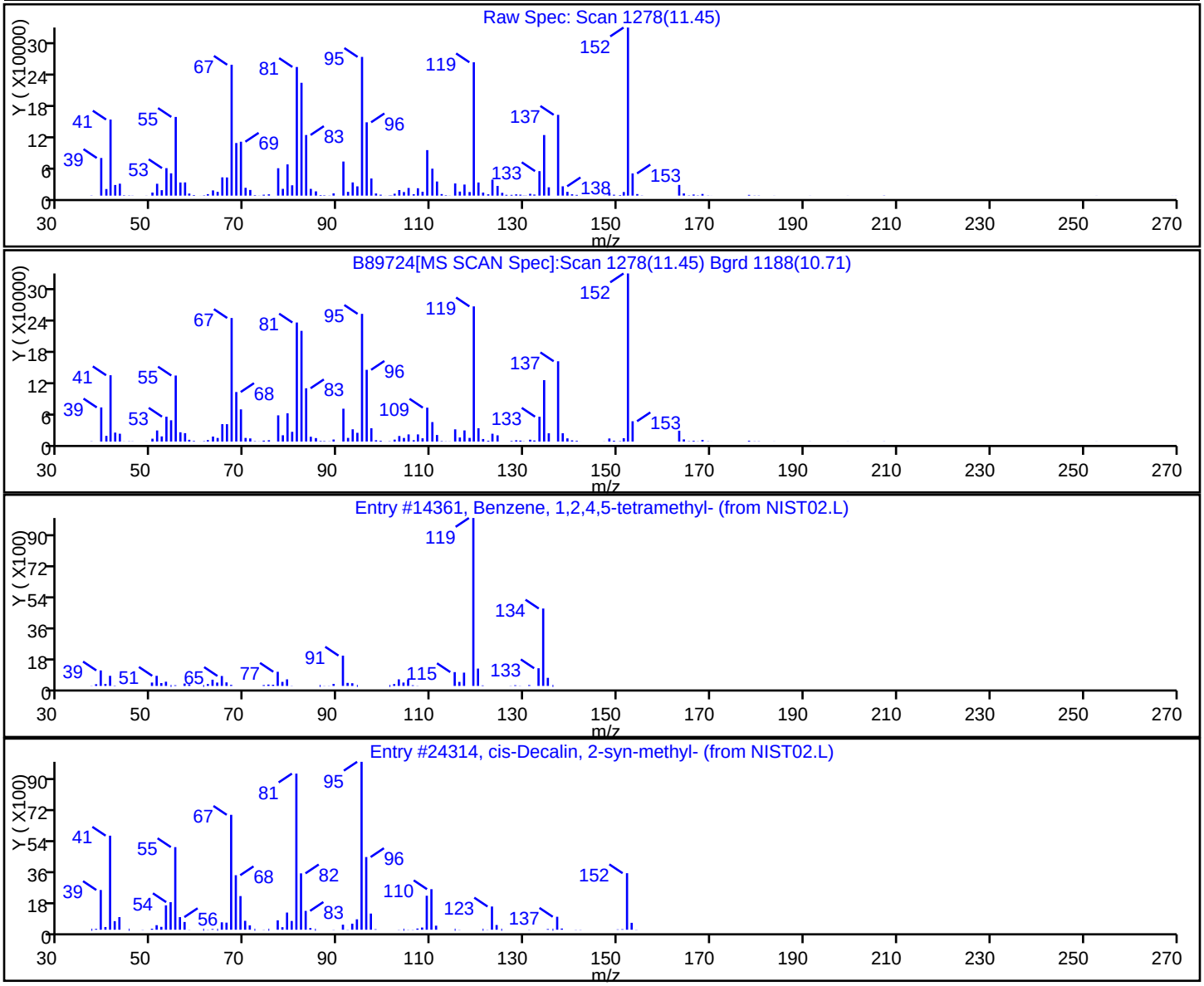
Report Date: 11-Nov-2015 12:49:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	90
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	86



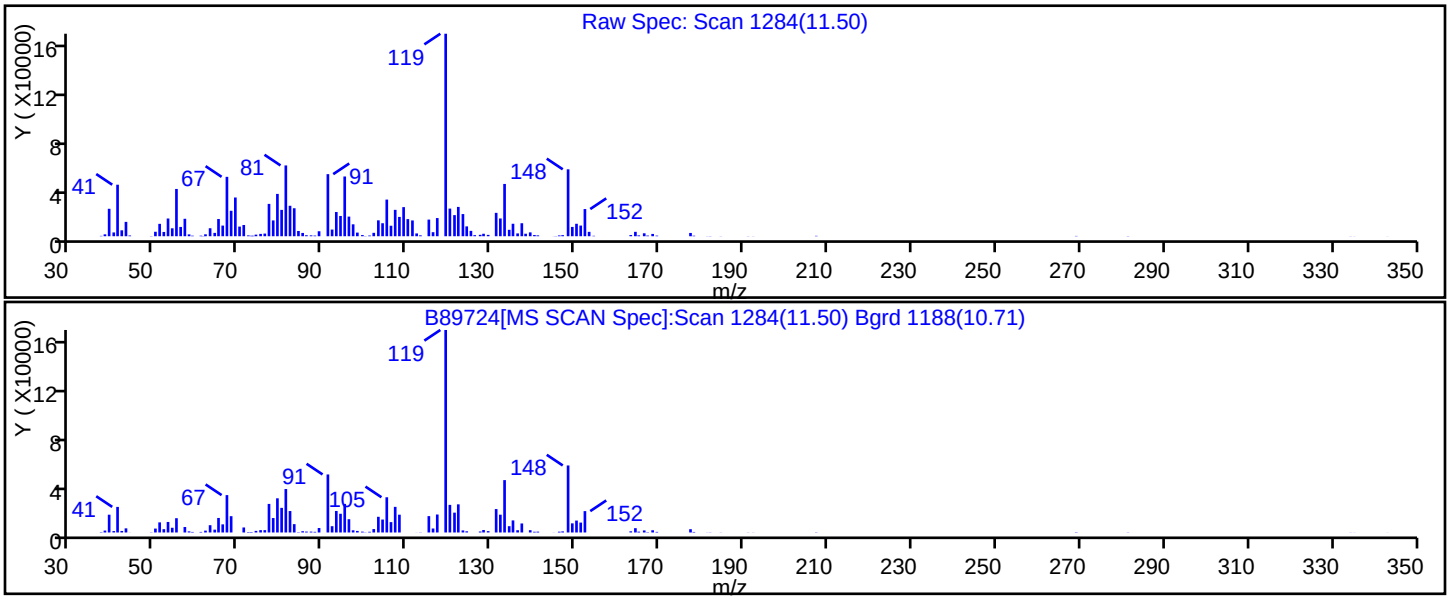
Report Date: 11-Nov-2015 12:49:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

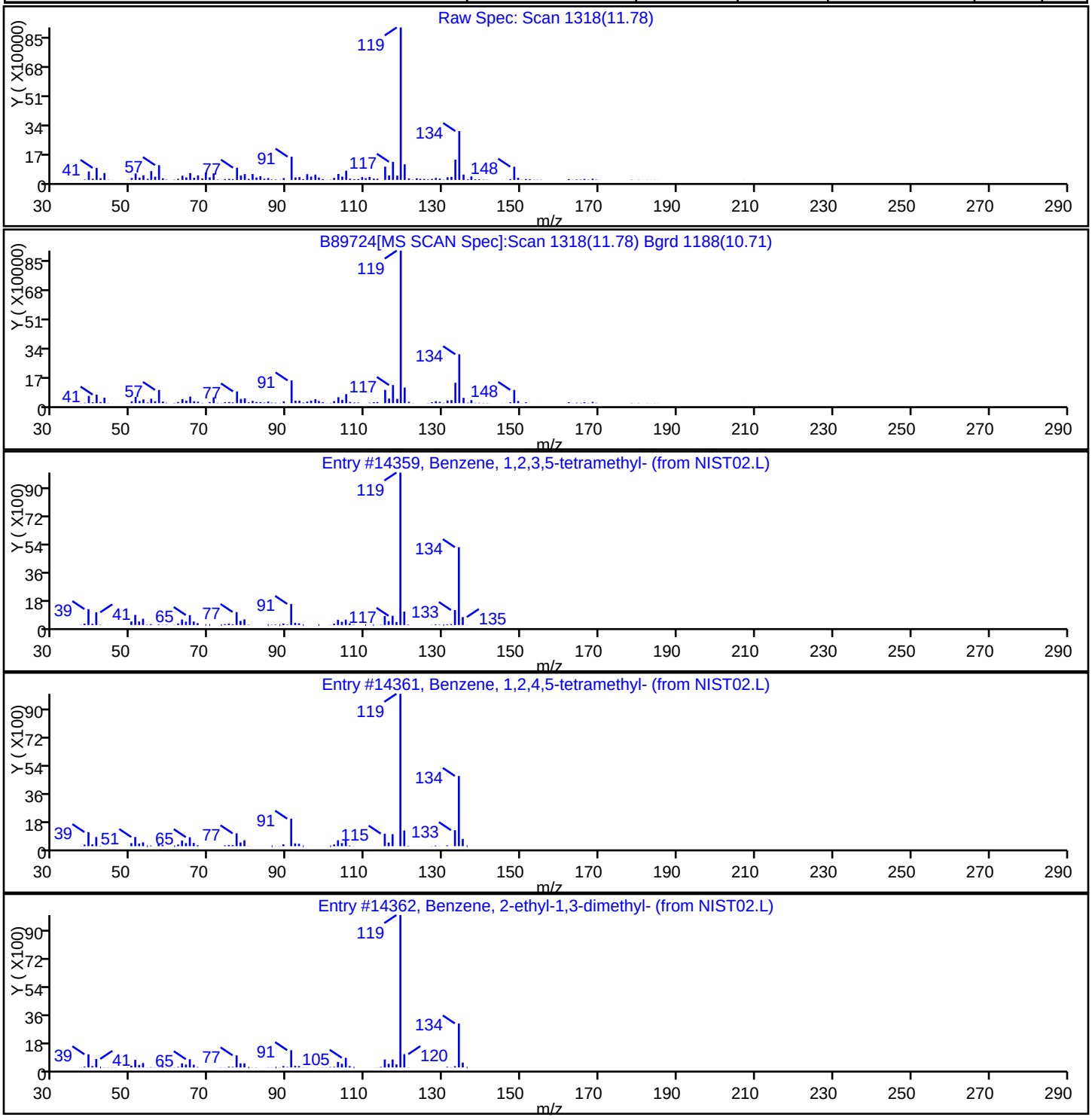
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.L	14359	C10H14	134	91
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	96
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.L	14362	C10H14	134	93



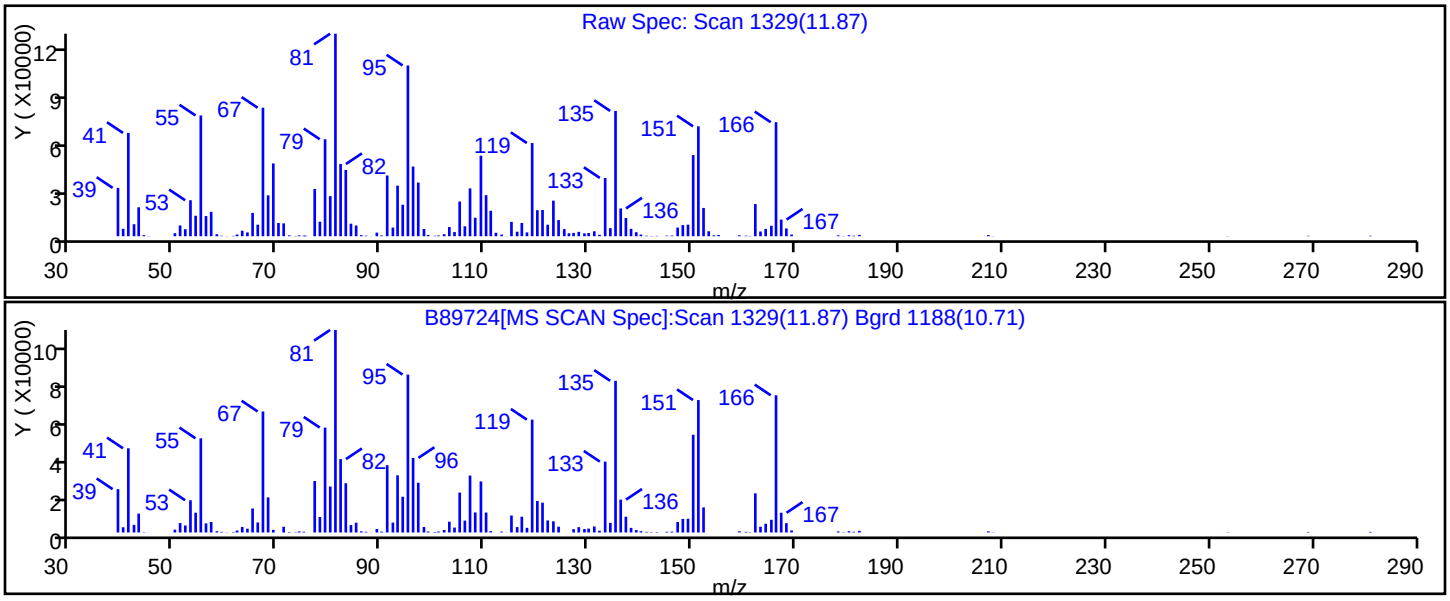
Report Date: 11-Nov-2015 12:49:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D

Injection Date:	08-Nov-2015 17:40:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-10-A	Lab Sample ID:	460-104096-10
Client ID:	PMP-24-NW2-S		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

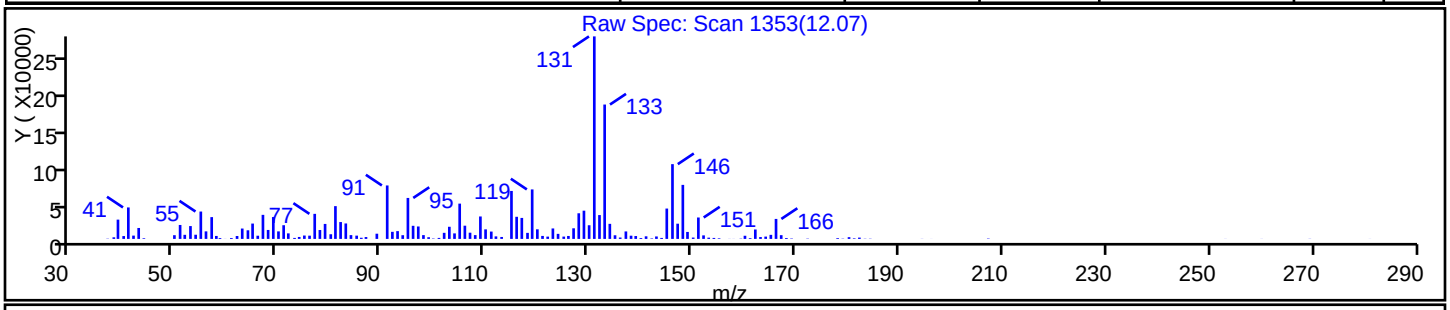
No Library Matches Found above the Threshold: 85

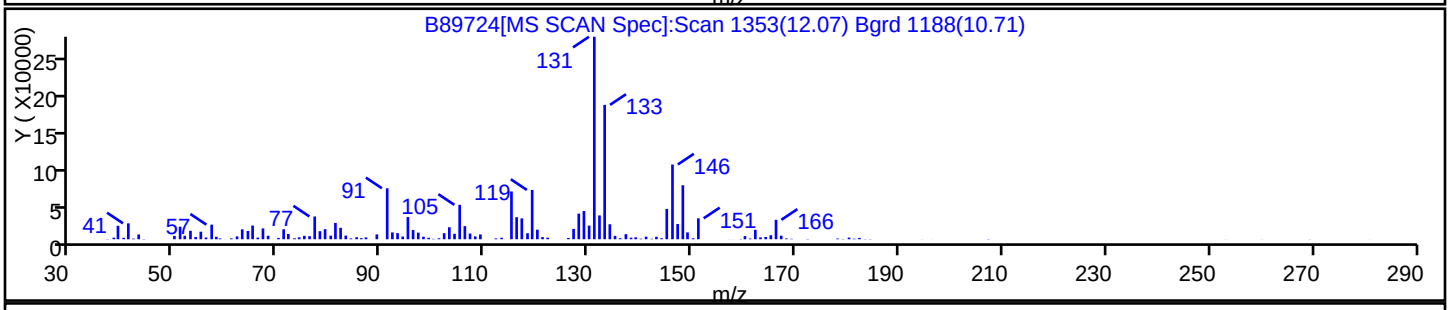


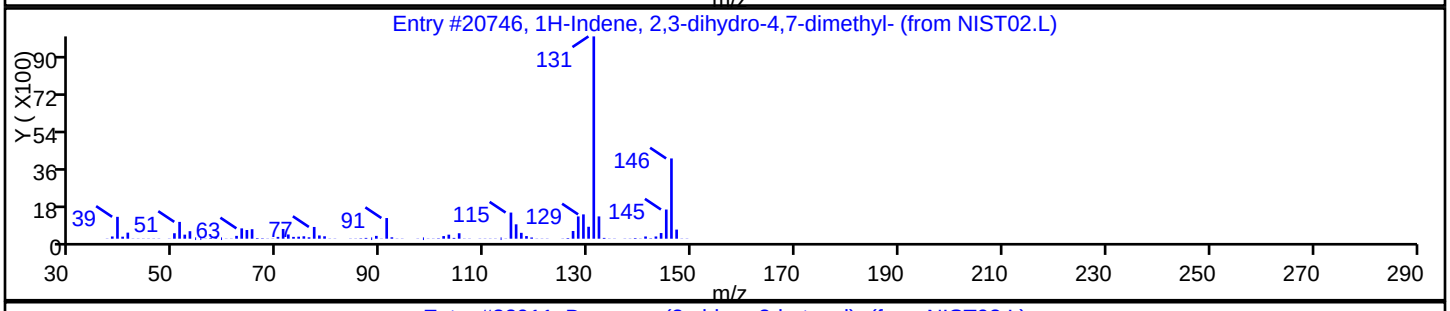
TestAmerica Edison

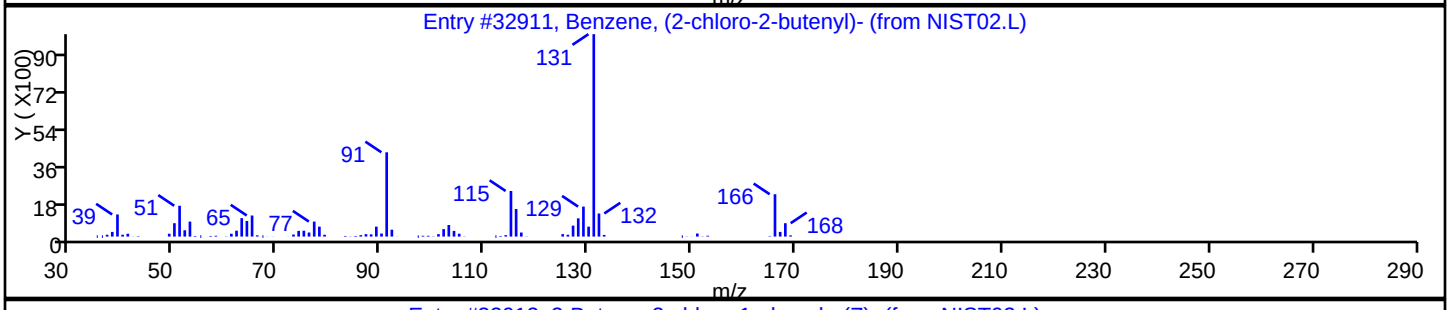
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

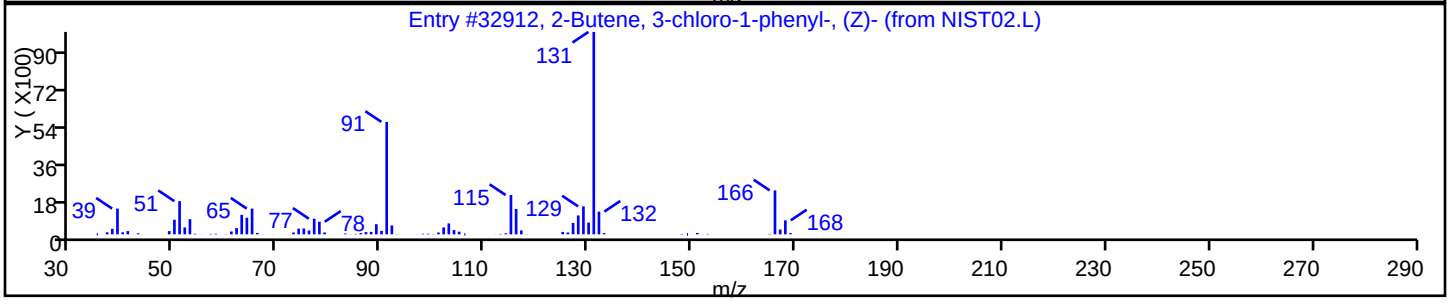
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20746	C11H14	146	90
Benzene, (2-chloro-2-butenyl)-	54411-12-0	NIST02.L	32911	C10H11Cl	166	87
2-Butene, 3-chloro-1-phenyl-, (Z)-	16608-68-7	NIST02.L	32912	C10H11Cl	166	86







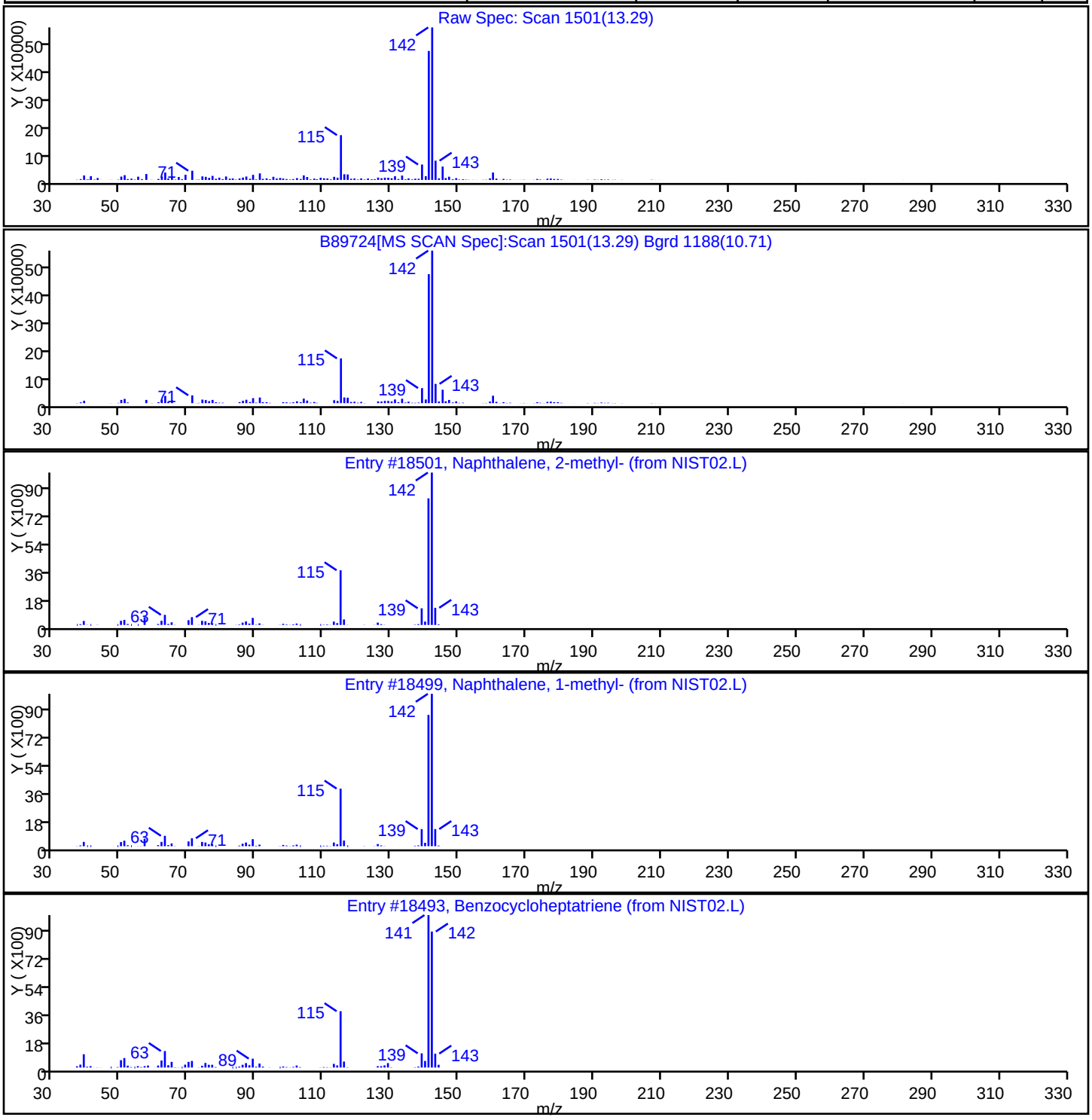




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89724.D
Injection Date: 08-Nov-2015 17:40:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	94
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	93
Benzocycloheptatriene	264-09-5	NIST02.L	18493	C11H10	142	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 | Lab Sample ID: 460-104096-11

Matrix: Solid | Lab File ID: B89723.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:54

Sample wt/vol: 7.054(g) | Date Analyzed: 11/08/2015 17:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18	U	83	18
74-83-9	Bromomethane	15	U	83	15
75-01-4	Vinyl chloride	17	U	83	17
75-00-3	Chloroethane	31	U	83	31
75-09-2	Methylene Chloride	17	U	83	17
67-64-1	Acetone	89	U	410	89
75-15-0	Carbon disulfide	18	U	83	18
75-69-4	Trichlorofluoromethane	12	U	83	12
75-35-4	1,1-Dichloroethene	28	U	83	28
75-34-3	1,1-Dichloroethane	20	U	83	20
156-60-5	trans-1,2-Dichloroethene	15	U	83	15
156-59-2	cis-1,2-Dichloroethene	22	U	83	22
67-66-3	Chloroform	18	U	83	18
78-93-3	2-Butanone	180	U	410	180
107-06-2	1,2-Dichloroethane	21	U	83	21
71-55-6	1,1,1-Trichloroethane	23	U	83	23
56-23-5	Carbon tetrachloride	27	U	83	27
71-43-2	Benzene	16	U	83	16
75-25-2	Bromoform	15	U	83	15
100-42-5	Styrene	14	U	83	14
100-41-4	Ethylbenzene	260		83	25
108-90-7	Chlorobenzene	20	J	83	20
110-82-7	Cyclohexane	22	U	83	22
98-82-8	Isopropylbenzene	160		83	27
591-78-6	2-Hexanone	60	U	410	60
1634-04-4	MTBE	11	U	83	11
76-13-1	Freon TF	28	U	83	28
79-20-9	Methyl acetate	48	U	410	48
123-91-1	1,4-Dioxane	720	U *	2100	720
79-01-6	Trichloroethene	78	J	83	18
108-88-3	Toluene	21	U	83	21
10061-02-6	trans-1,3-Dichloropropene	16	U	83	16
108-10-1	4-Methyl-2-pentanone	52	U	410	52
10061-01-5	cis-1,3-Dichloropropene	13	U	83	13
95-50-1	1,2-Dichlorobenzene	18	U	83	18
541-73-1	1,3-Dichlorobenzene	27	U	83	27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 | Lab Sample ID: 460-104096-11

Matrix: Solid | Lab File ID: B89723.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:54

Sample wt/vol: 7.054(g) | Date Analyzed: 11/08/2015 17:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	27	U	83	27
120-82-1	1,2,4-Trichlorobenzene	3200		83	22
87-61-6	1,2,3-Trichlorobenzene	740		83	29
78-87-5	1,2-Dichloropropane	15	U	83	15
108-87-2	Methylcyclohexane	590		83	18
127-18-4	Tetrachloroethene	30	U	83	30
1330-20-7	Xylenes, Total	560		170	23
96-12-8	1,2-Dibromo-3-Chloropropane	19	U	83	19
79-34-5	1,1,2,2-Tetrachloroethane	16	U	83	16
79-00-5	1,1,2-Trichloroethane	6.6	U	83	6.6
124-48-1	Dibromochloromethane	18	U	83	18
106-93-4	1,2-Dibromoethane	16	U	83	16
75-71-8	Dichlorodifluoromethane	12	U	83	12
74-97-5	Bromochloromethane	25	U	83	25
75-27-4	Bromodichloromethane	12	U	83	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		69-145
2037-26-5	Toluene-d8 (Surr)	101		72-136
460-00-4	Bromofluorobenzene	98		64-131
1868-53-7	Dibromofluoromethane (Surr)	95		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 | Lab Sample ID: 460-104096-11

Matrix: Solid | Lab File ID: B89723.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:54

Sample wt/vol: 7.054(g) | Date Analyzed: 11/08/2015 17:17

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 29600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
1678-92-8	Cyclohexane, propyl-	9.26	2500	J N
124-18-5	Decane	9.90	2900	J N
91-17-8	Naphthalene, decahydro-	10.79	3500	J N
1120-21-4	Undecane	10.86	3700	J N
	Unknown	11.45	2700	J
112-40-3	Dodecane	11.69	2900	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.78	3000	J N
	Unknown	11.87	3400	J
629-50-5	Tridecane	12.43	2500	J N
91-57-6	Naphthalene, 2-methyl-	13.29	2500	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Lims ID: 460-104096-A-11-A Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Sample Type: Client
Inject. Date: 08-Nov-2015 17:17:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-11-A
Misc. Info.: 460-0033958-025
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:47:38 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:37:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.608	2.599	0.009	86	168452	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	172629	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.196	0.008	92	111962	47.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	110196	46.0	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	461792	50.0	
64 Trichloroethene	95	5.307	5.290	0.017	49	2450	0.9389	M
66 Methylcyclohexane	83	5.422	5.414	0.008	93	15749	7.17	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	90	17825	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.854	0.008	100	394581	50.3	
85 Tetrachloroethene	166	7.545	7.553	-0.008	23	869	0.3172	M
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	399715	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	45	1811	0.2402	
93 Ethylbenzene	106	8.607	8.607	0.000	98	11673	3.12	
95 m-Xylene & p-Xylene	106	8.730	8.722	0.008	94	11229	2.38	
96 o-Xylene	106	9.101	9.101	0.000	94	21317	4.39	
101 Isopropylbenzene	105	9.422	9.422	0.000	69	18687	1.90	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	166726	48.9	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	92	233967	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	96	135767	38.5	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	90	28983	8.92	M
S 135 Xylenes, Total	100				0		6.78	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Lims ID: 460-104096-A-11-A Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Sample Type: Client
Inject. Date: 08-Nov-2015 17:17:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-11-A
Misc. Info.: 460-0033958-025
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:47:38 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:37:00

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	1678-92-8	Cyclohexane, propyl-						
9.257	673437	30.0	91	90	11178	C9H18	126	
	124-18-5	Decane						
9.899	1890860	35.1	119	97	18421	C10H22	142	
	91-17-8	Naphthalene, decahydro-						
10.788	2290595	42.5	119	94	16287	C10H18	138	
	1120-21-4	Undecane						
10.862	2381480	44.2	119	94	27120	C11H24	156	
		Unknown						
11.454	1738007	32.2	119					
	112-40-3	Dodecane						
11.685	1914820	35.5	119	96	36158	C12H26	170	
	95-93-2	Benzene, 1,2,4,5-tetramethyl-						
11.784	1964902	36.4	119	94	14361	C10H14	134	
		Unknown						
11.866	2206822	40.9	119					
	629-50-5	Tridecane						
12.434	1648277	30.6	119	93	45543	C13H28	184	
	91-57-6	Naphthalene, 2-methyl-						
13.290	1613025	29.9	119	90	18501	C11H10	142	I

Report Date: 11-Nov-2015 12:47:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.492	1120551	50.0
* 119 1,4-Dichlorobenzene-d4	10.566	2695641	50.0

QC Flag Legend

Processing Flags
Review Flags
l - User Selected Library Match

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

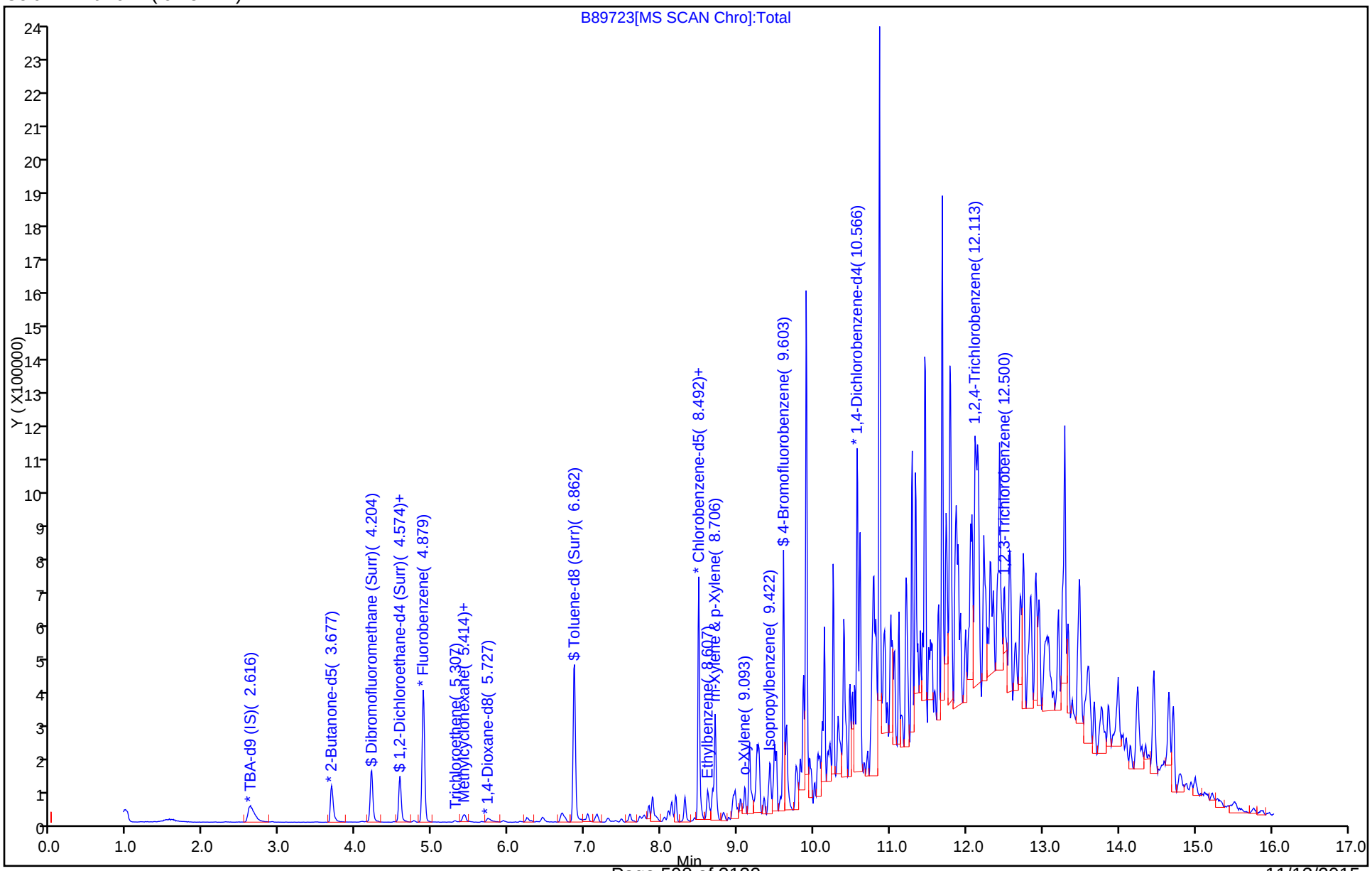
Report Date: 11-Nov-2015 12:47:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11	Worklist Smp#:	25
Client ID:	PMP-24-NW2-12.75				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	24
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

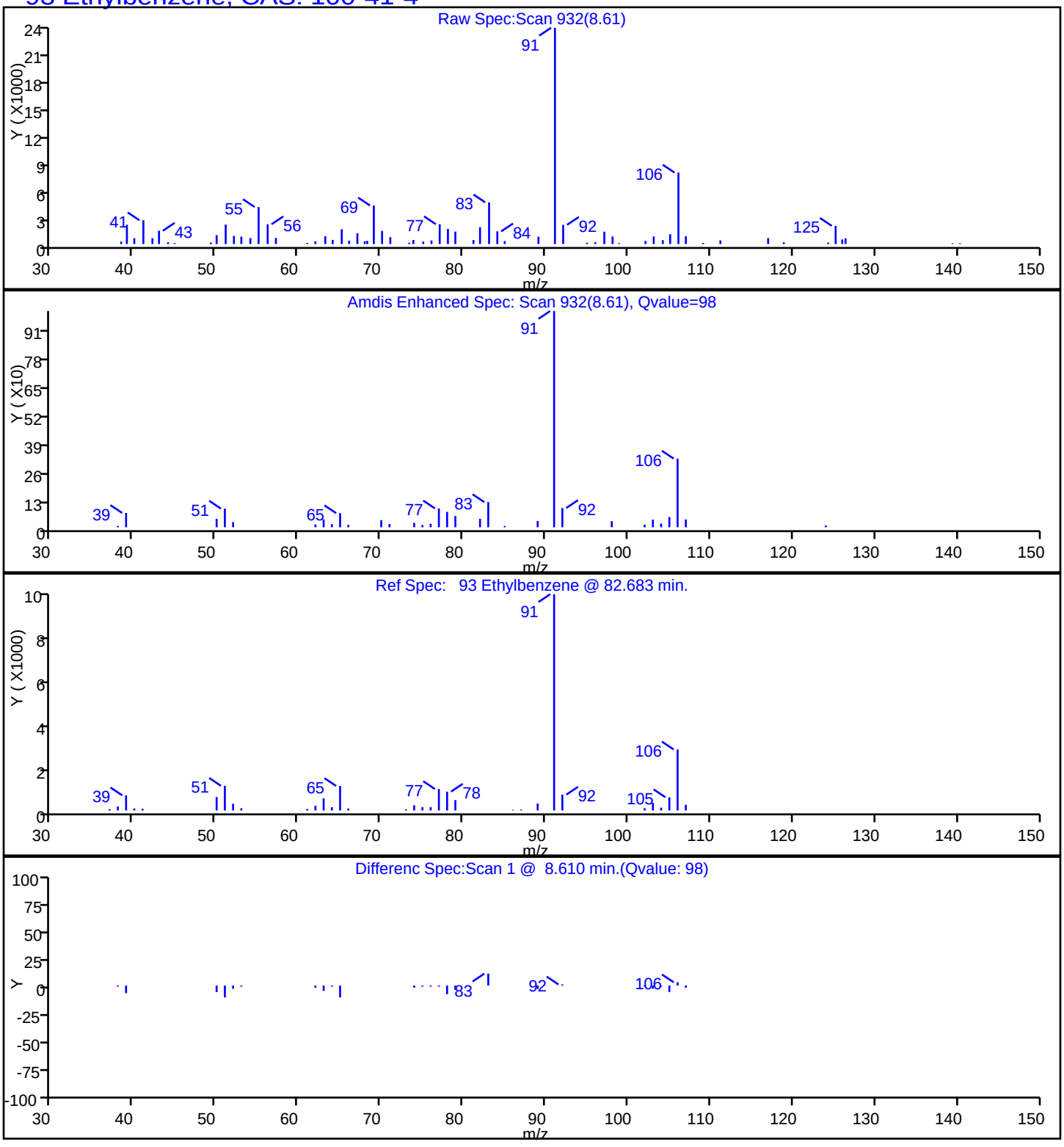
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

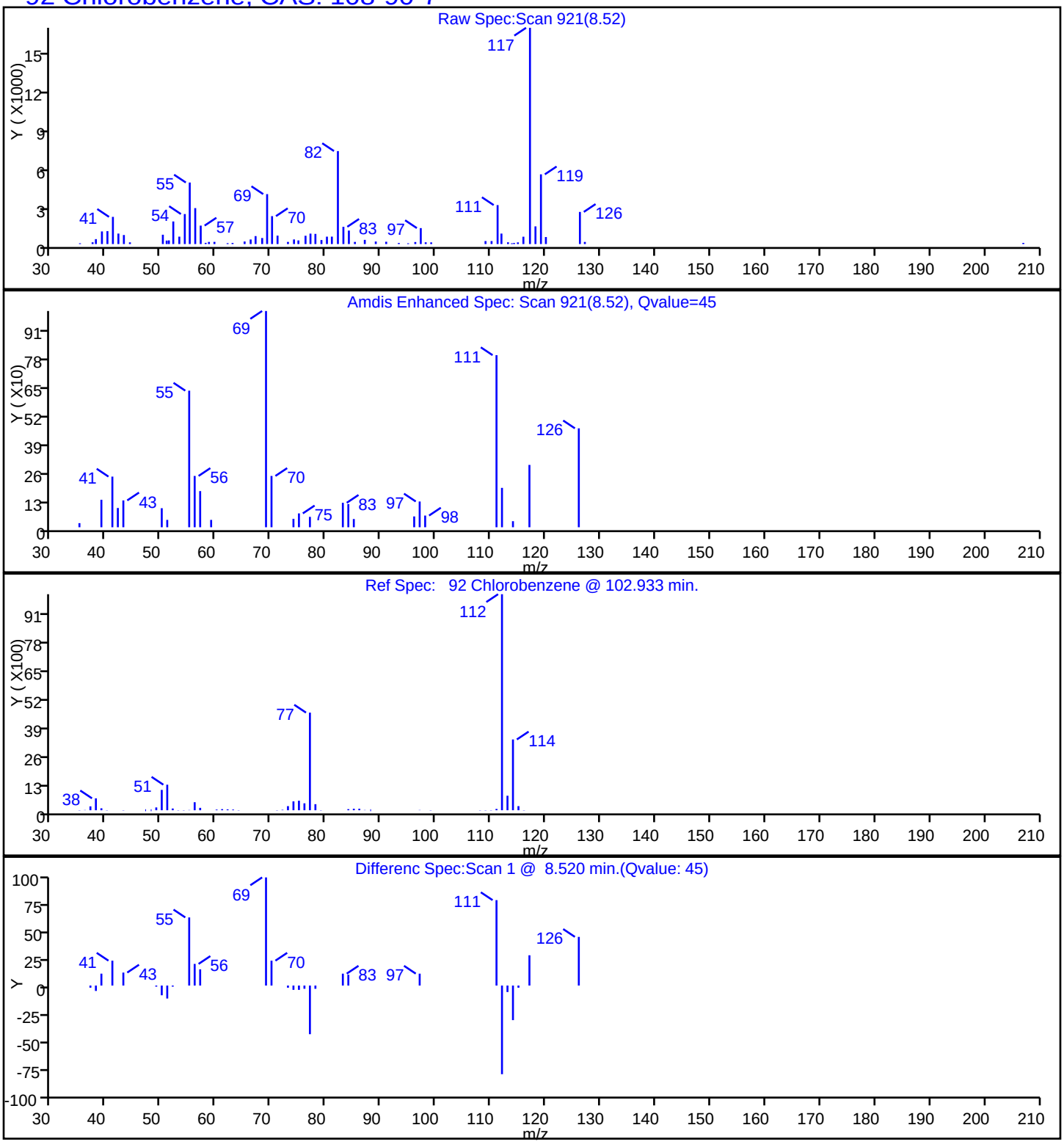
93 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

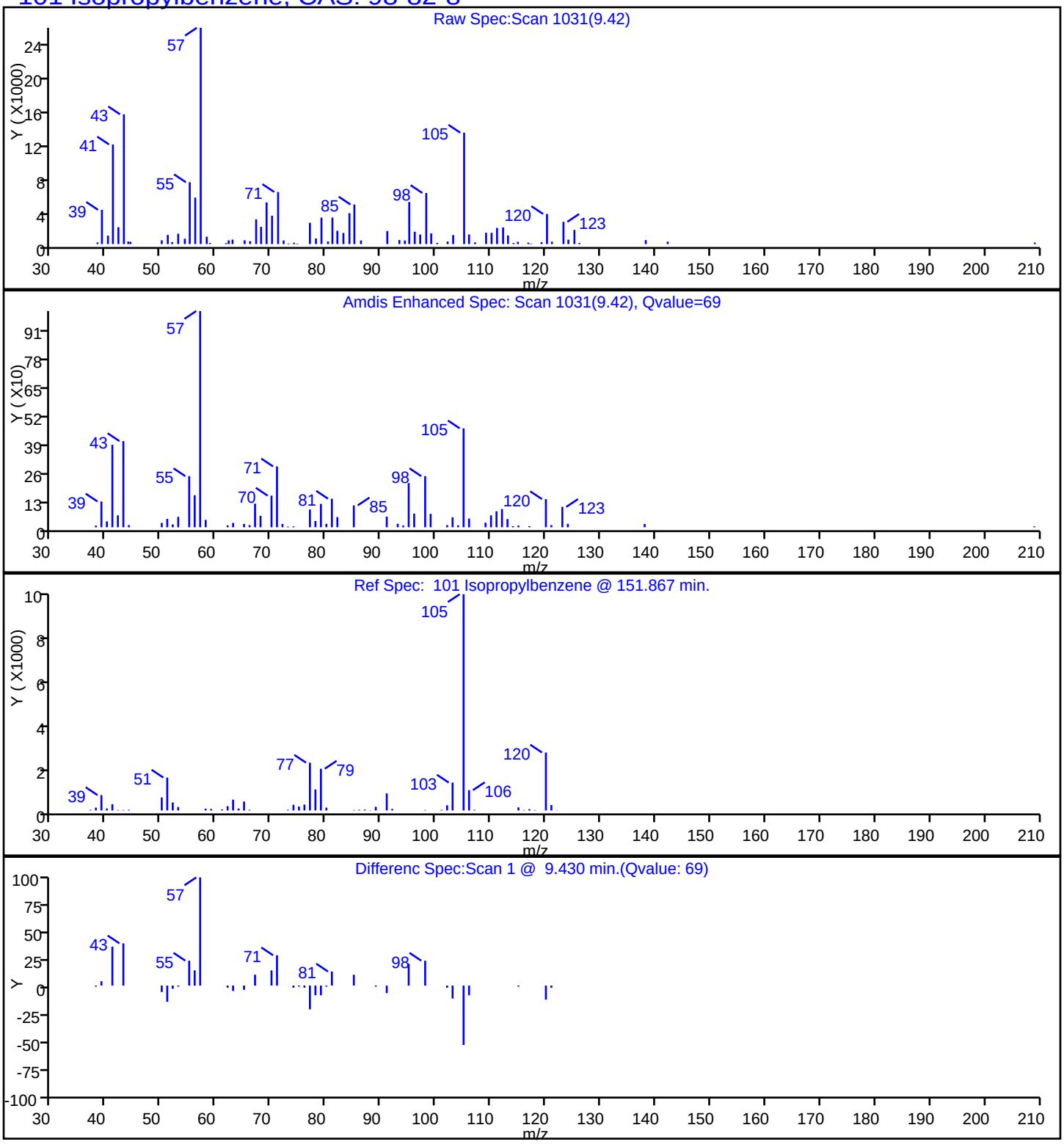
92 Chlorobenzene, CAS: 108-90-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

101 Isopropylbenzene, CAS: 98-82-8



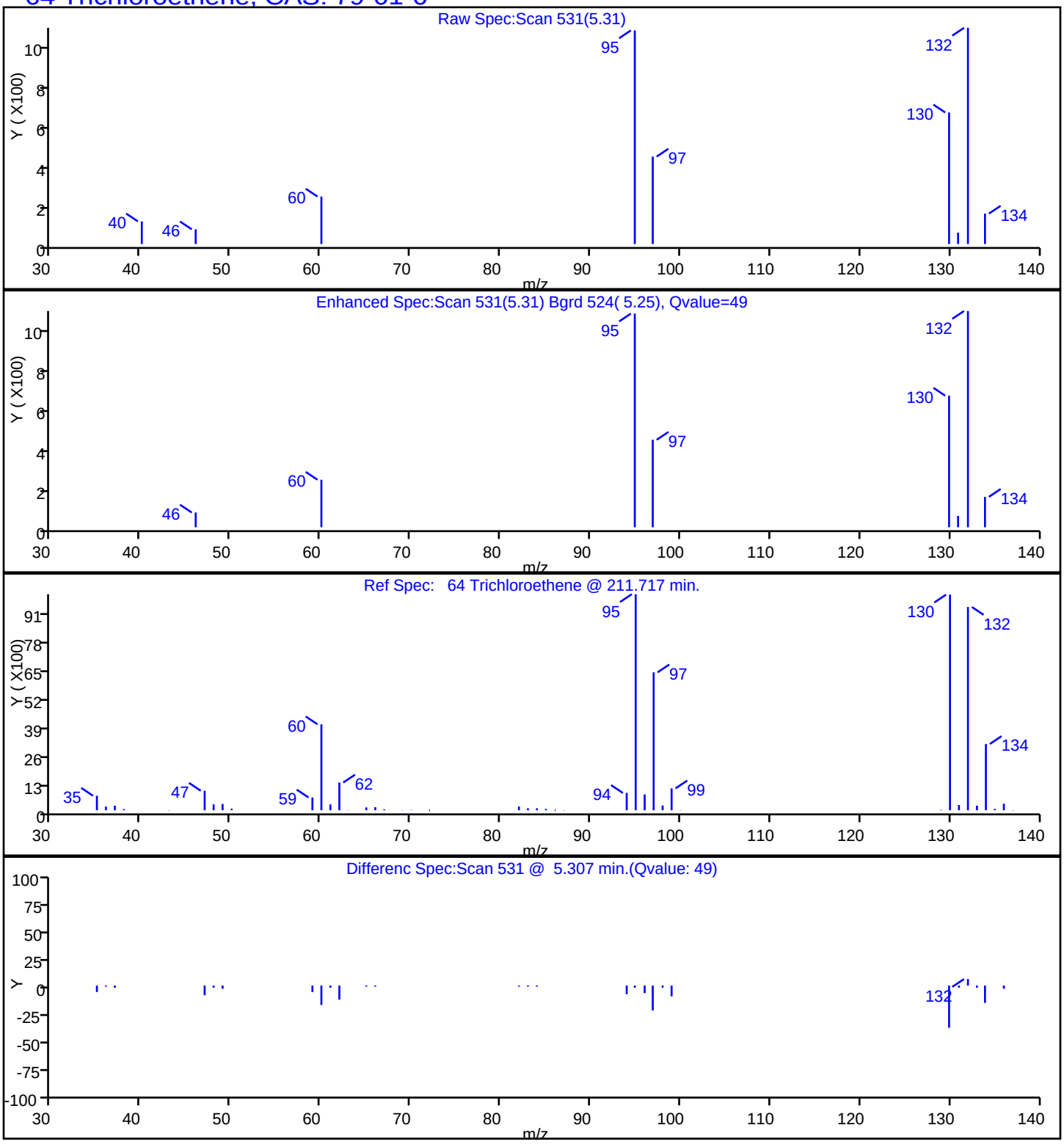
Report Date: 11-Nov-2015 12:47:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

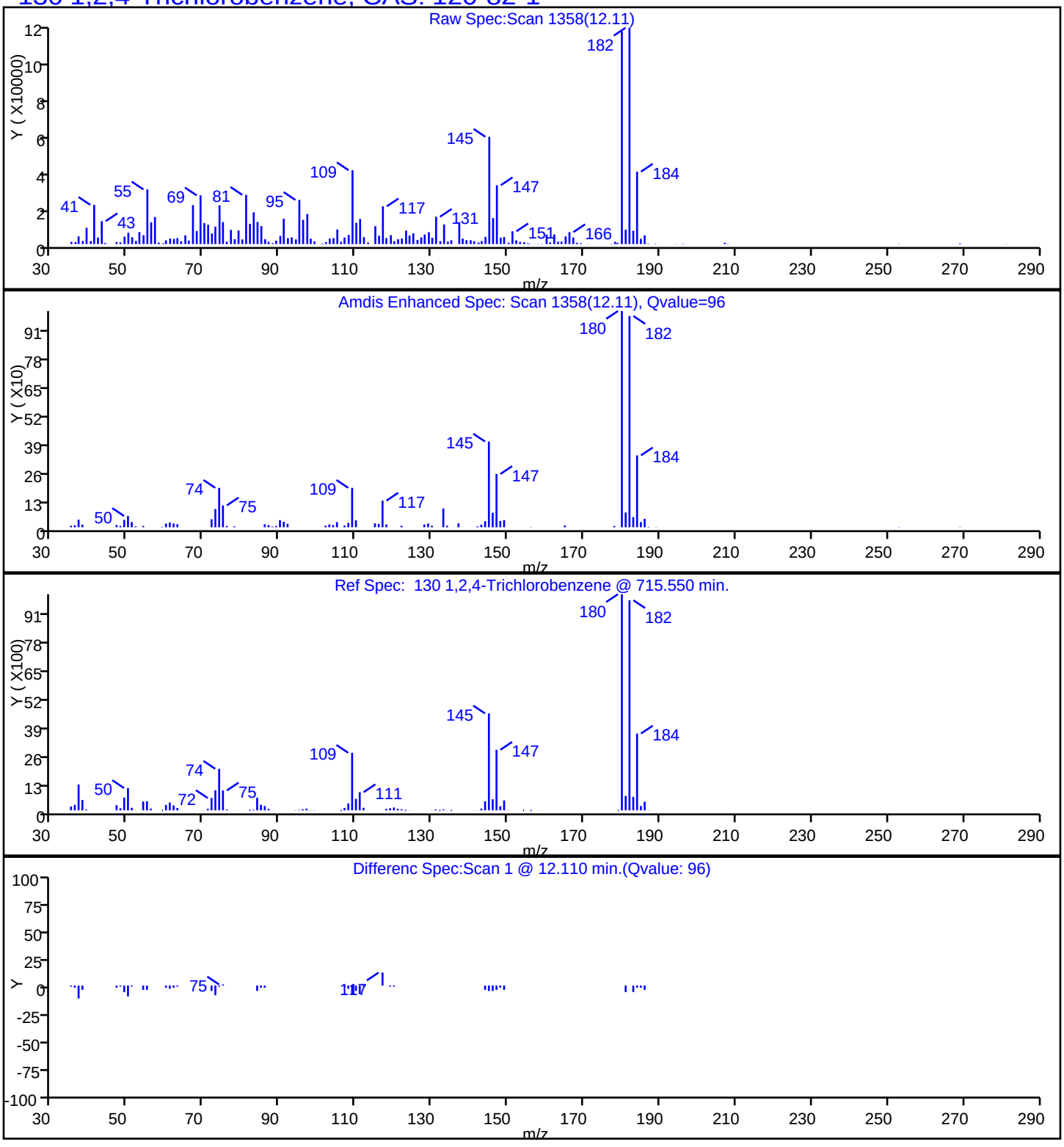
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

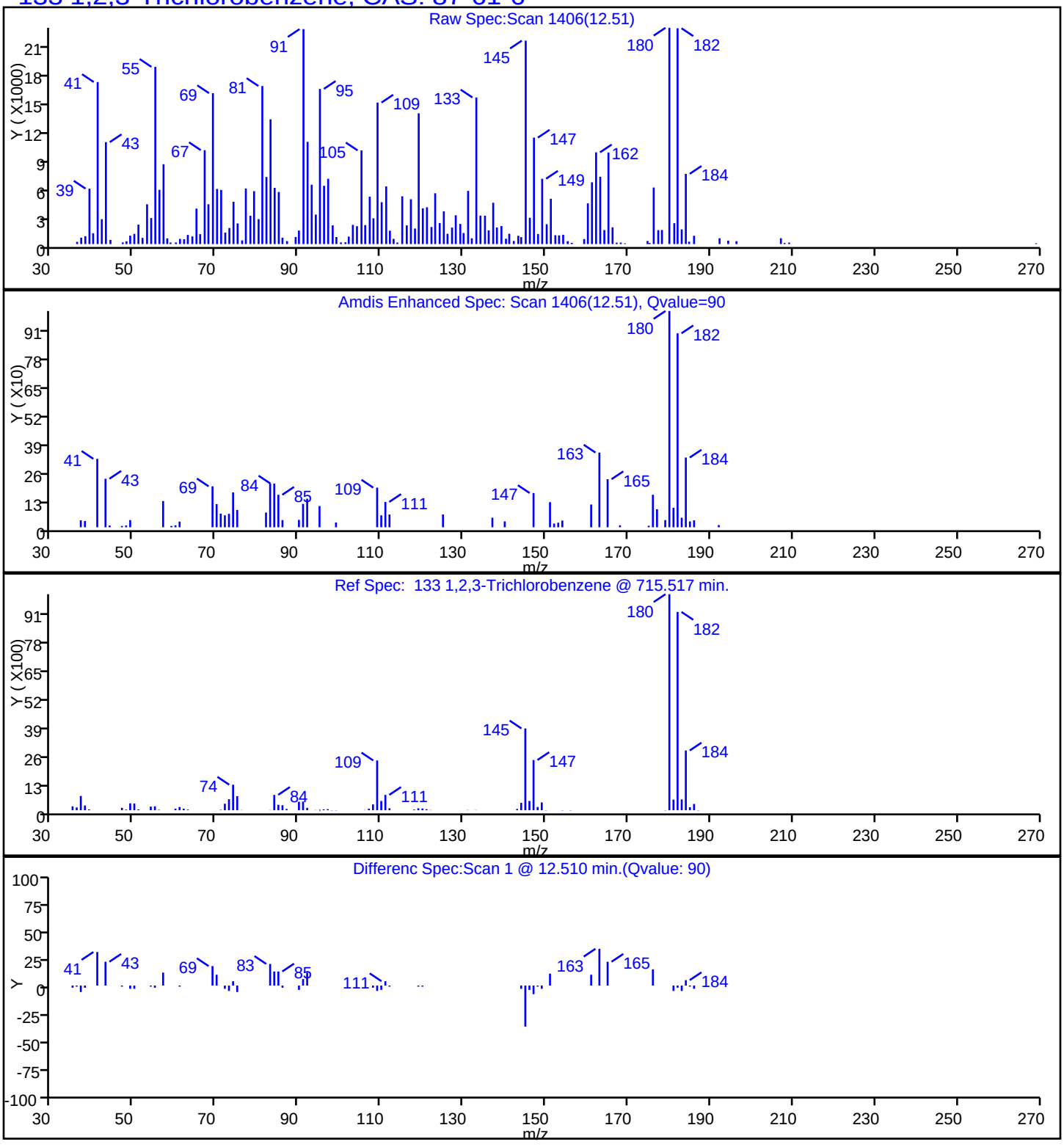
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

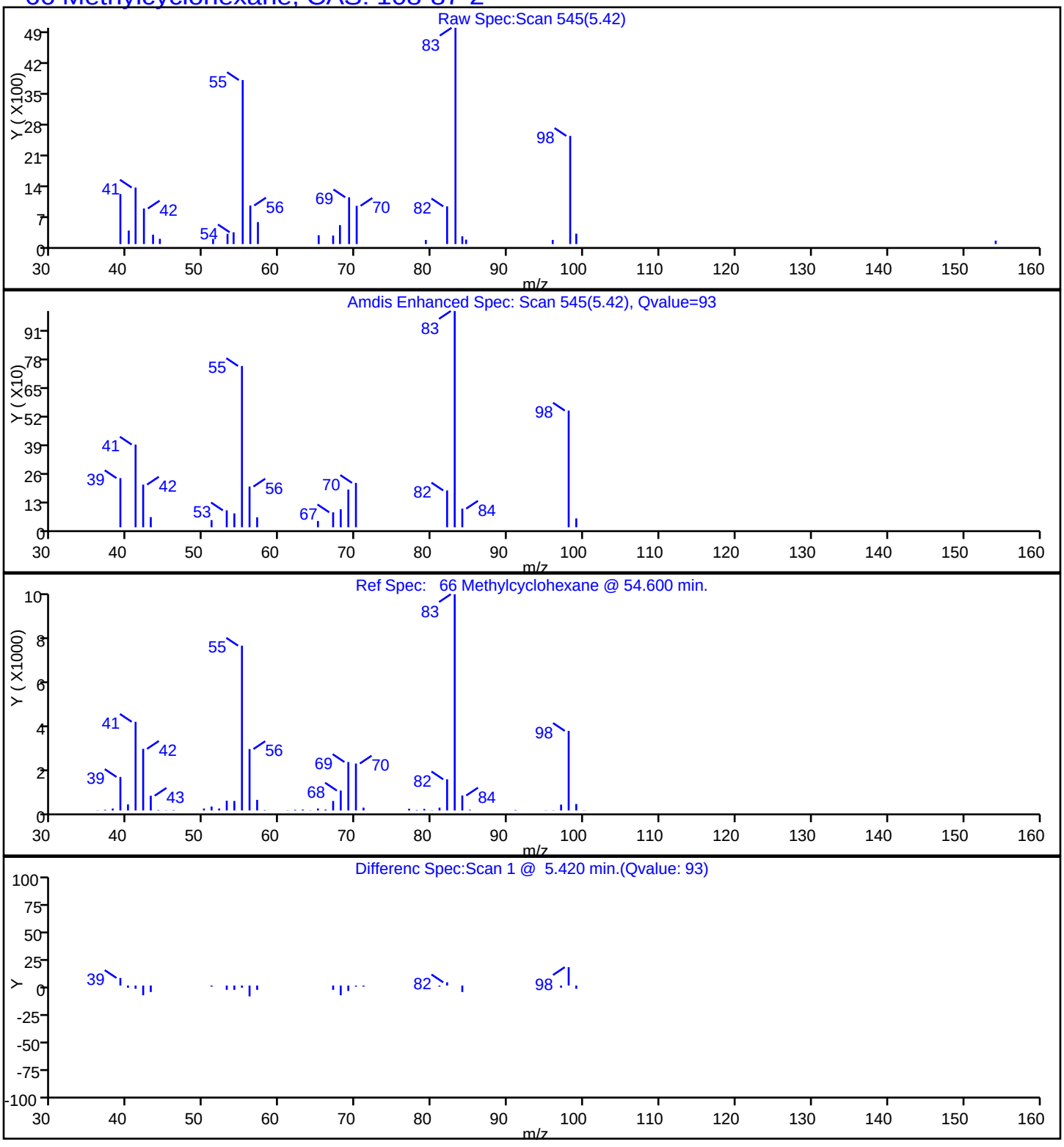
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

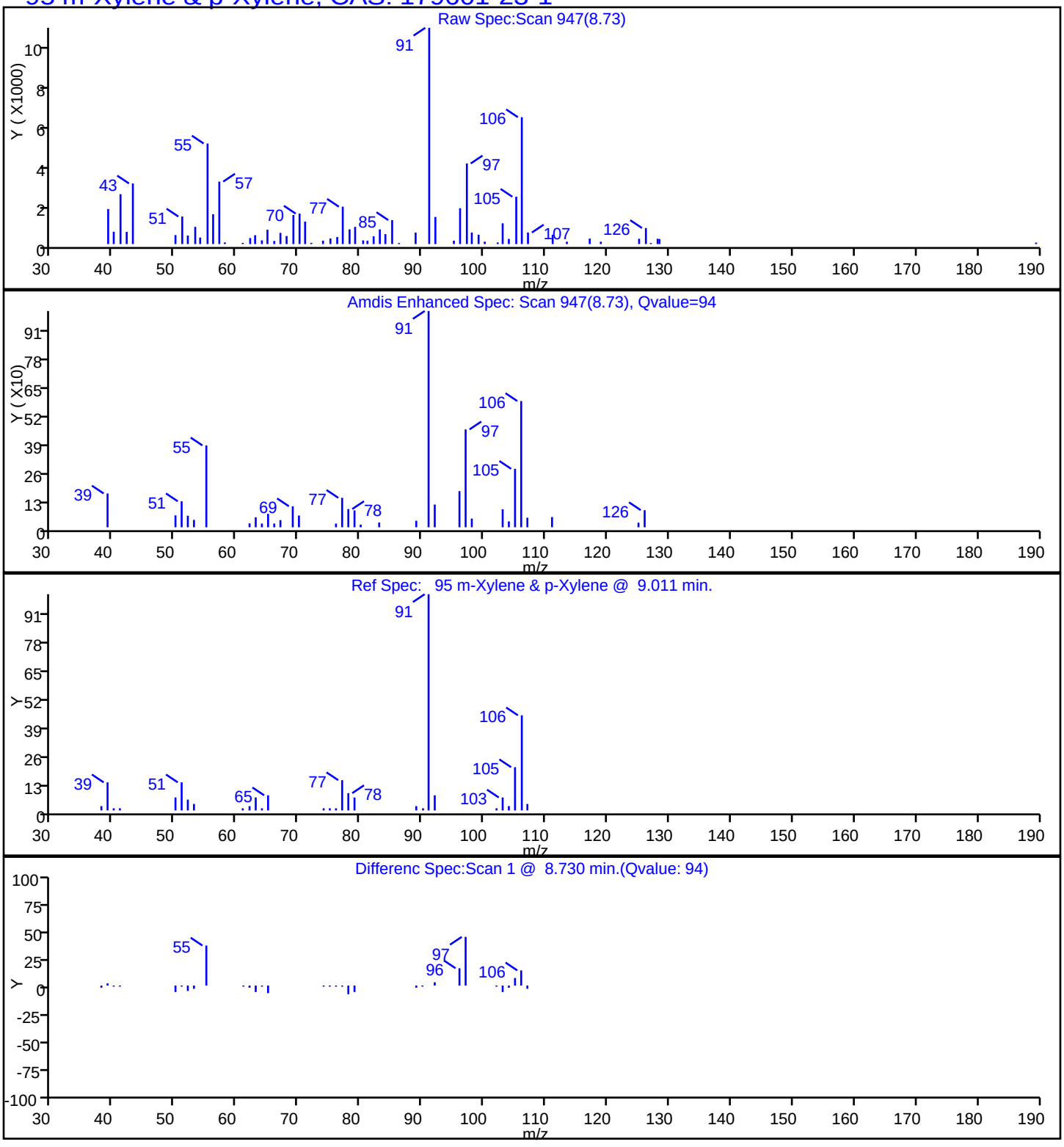
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

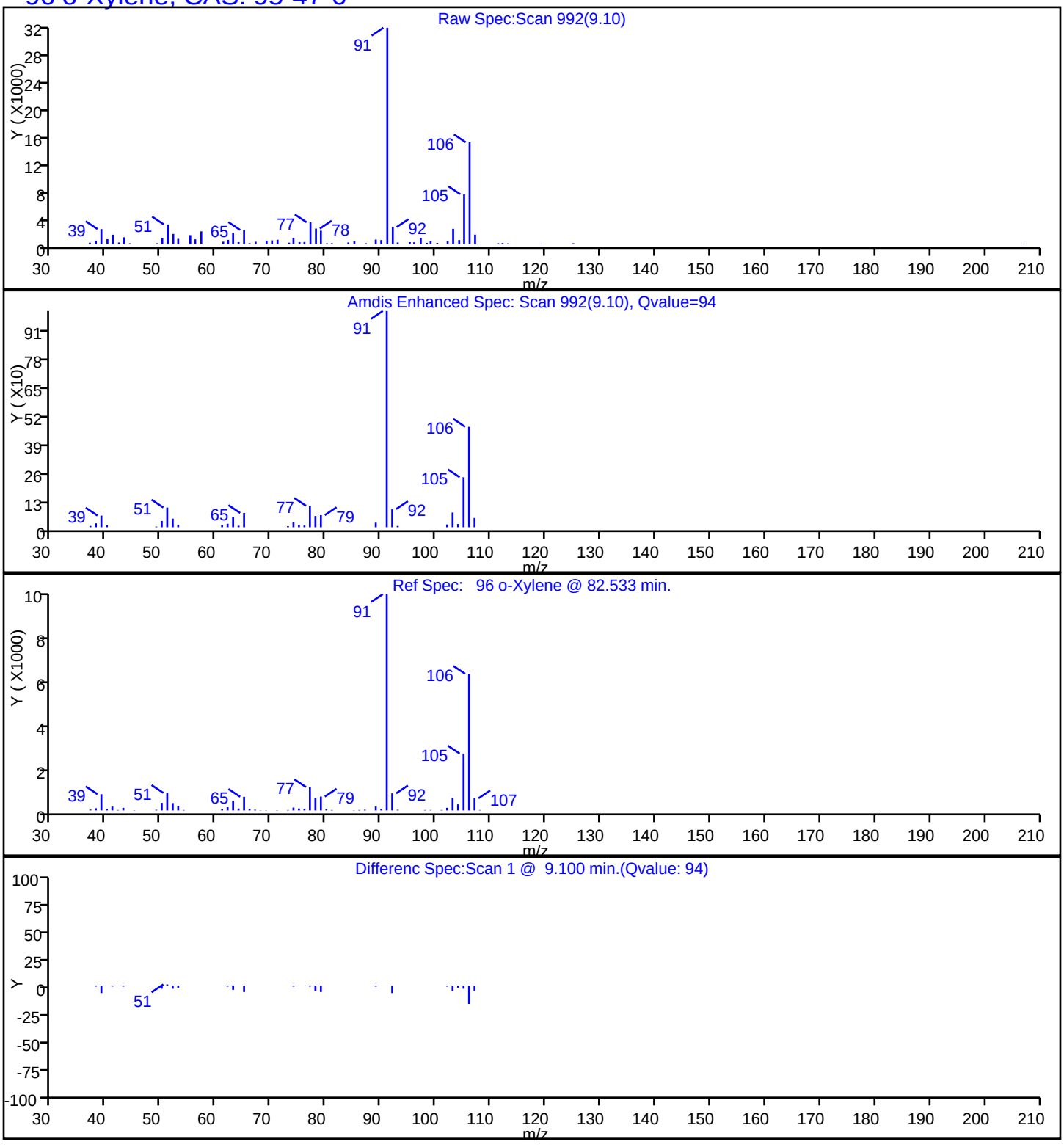
95 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D		
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

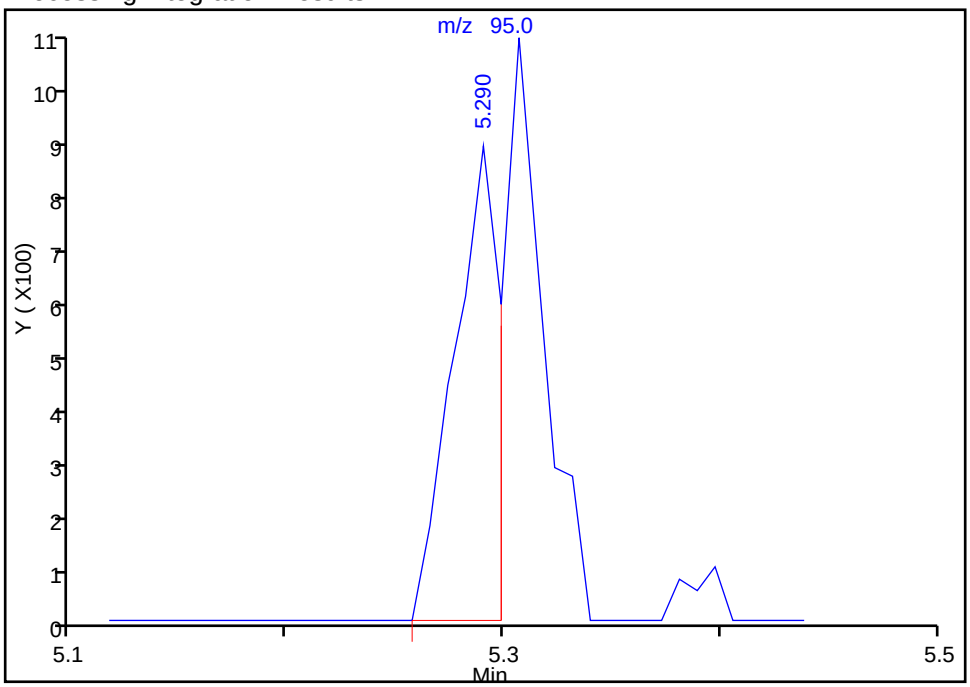
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D				
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

64 Trichloroethene, CAS: 79-01-6

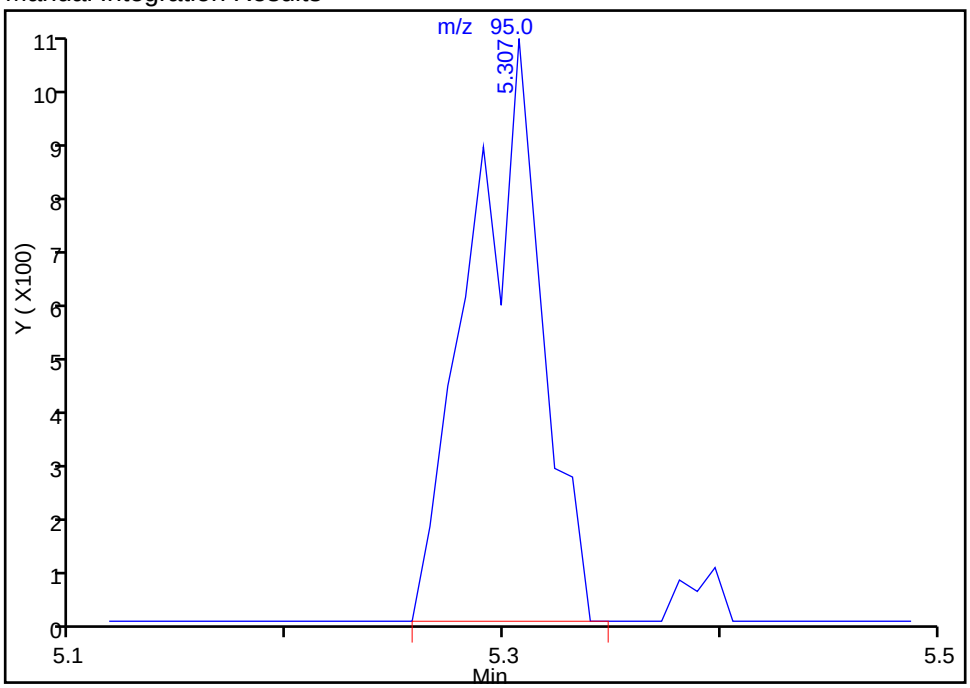
Processing Integration Results

RT: 5.29
Area: 1316
Amount: 0.504342
Amount Units: ug/l



Manual Integration Results

RT: 5.31
Area: 2450
Amount: 0.938934
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:47:38
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

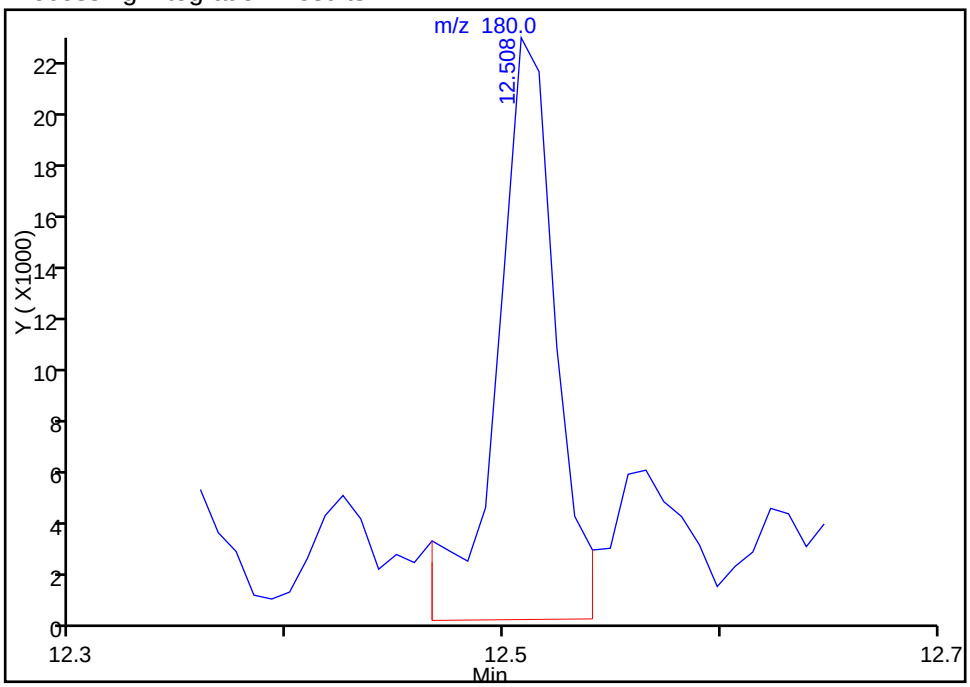
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D				
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

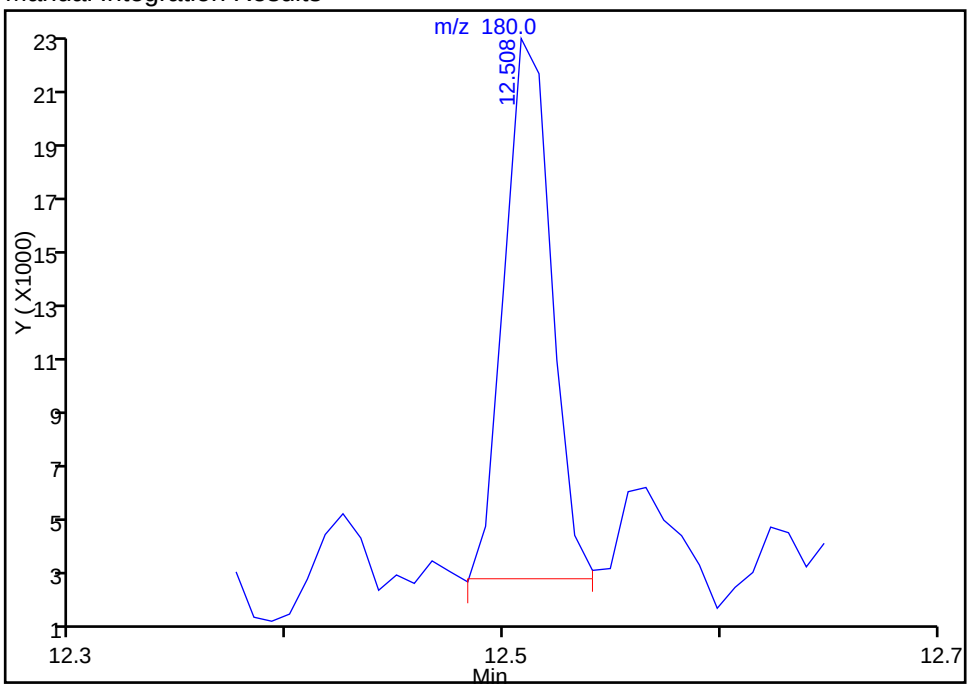
Processing Integration Results

RT: 12.51
Area: 40631
Amount: 12.502802
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 28983
Amount: 8.918528
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:47:38
Audit Action: Manually Integrated
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

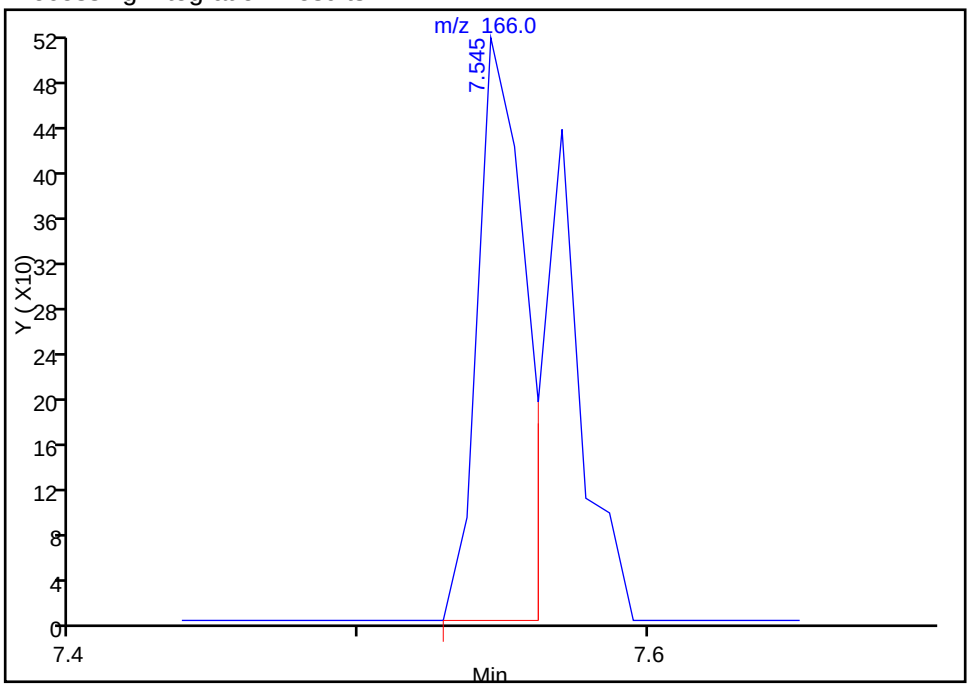
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D				
Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

85 Tetrachloroethene, CAS: 127-18-4

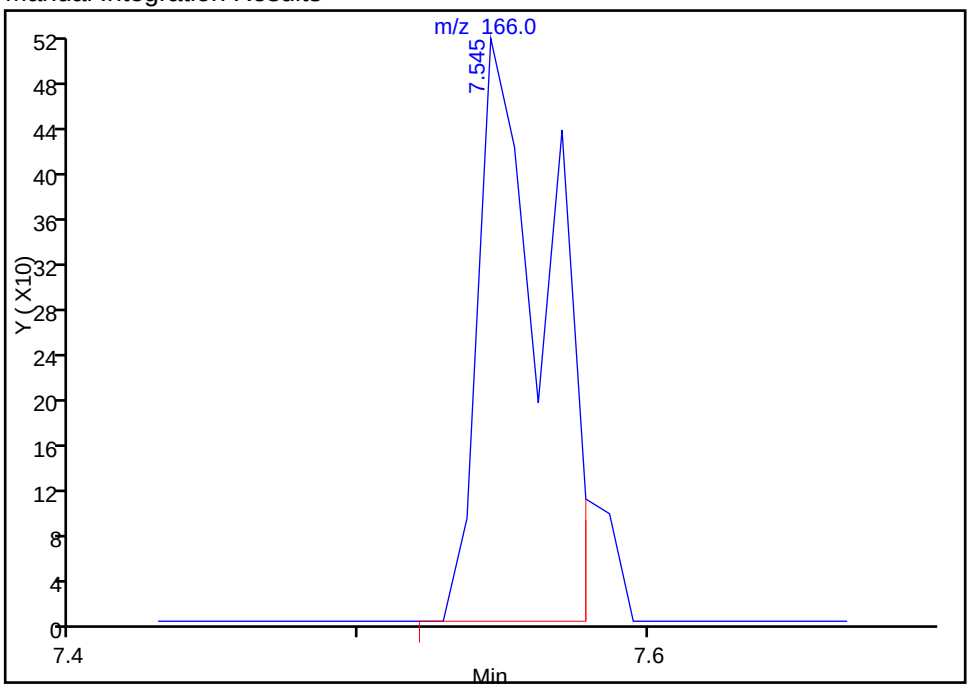
Processing Integration Results

RT: 7.55
Area: 601
Amount: 0.219374
Amount Units: ug/l



Manual Integration Results

RT: 7.55
Area: 869
Amount: 0.317198
Amount Units: ug/l



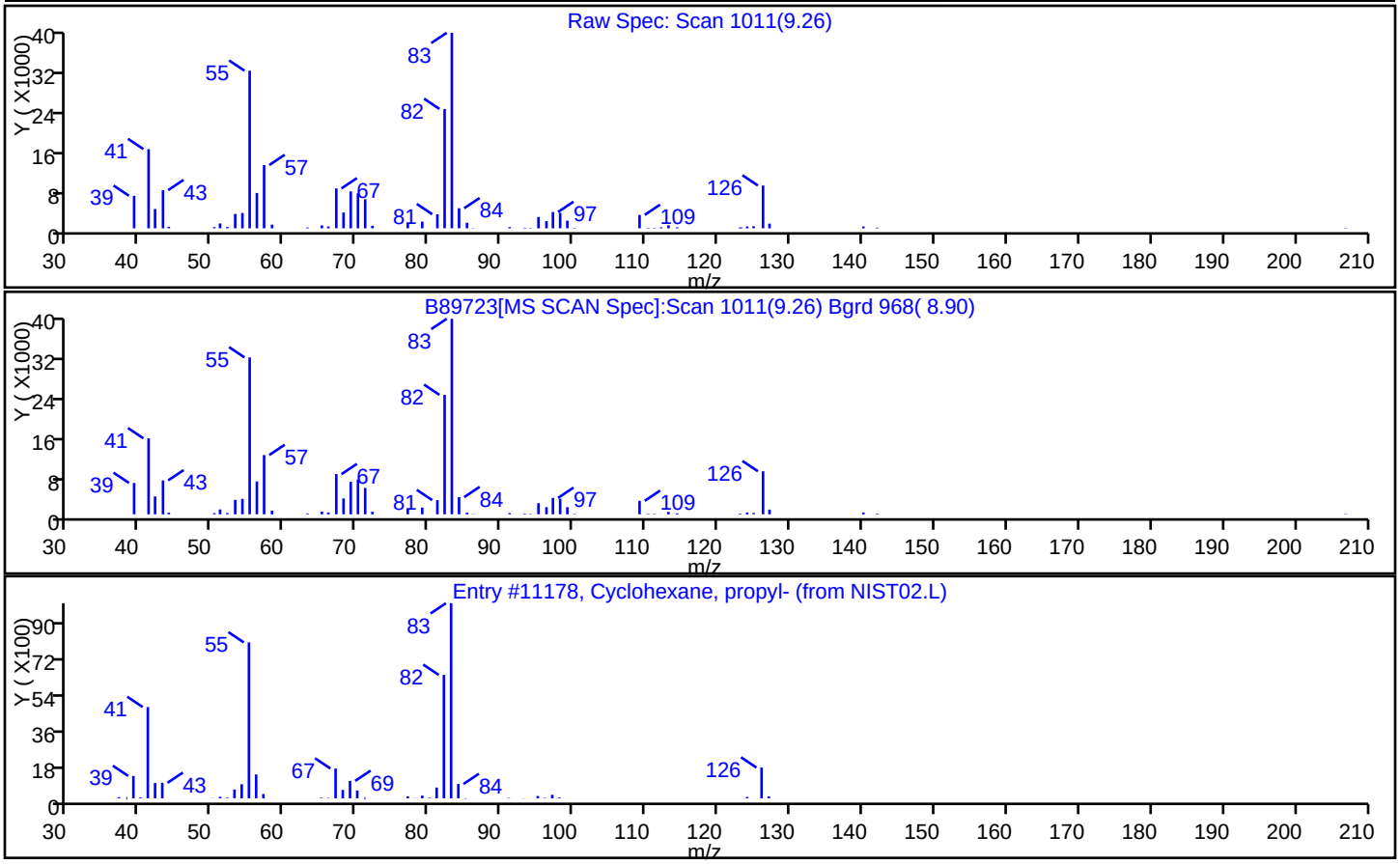
Reviewer: baronm, 11-Nov-2015 12:47:38
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

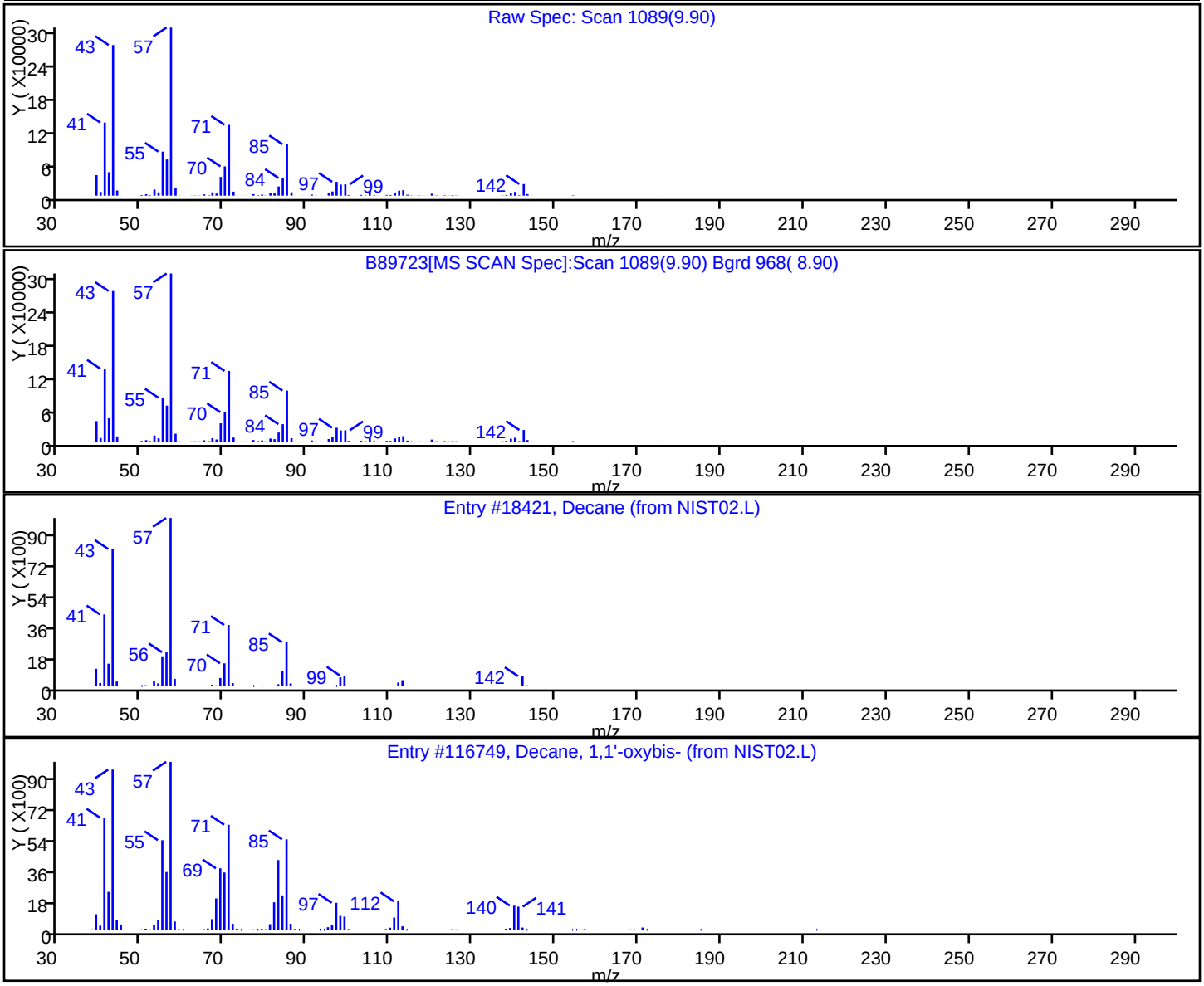
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, propyl-	1678-92-8	NIST02.L	11178	C9H18	126	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Injection Date: 08-Nov-2015 17:17:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-11-A Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

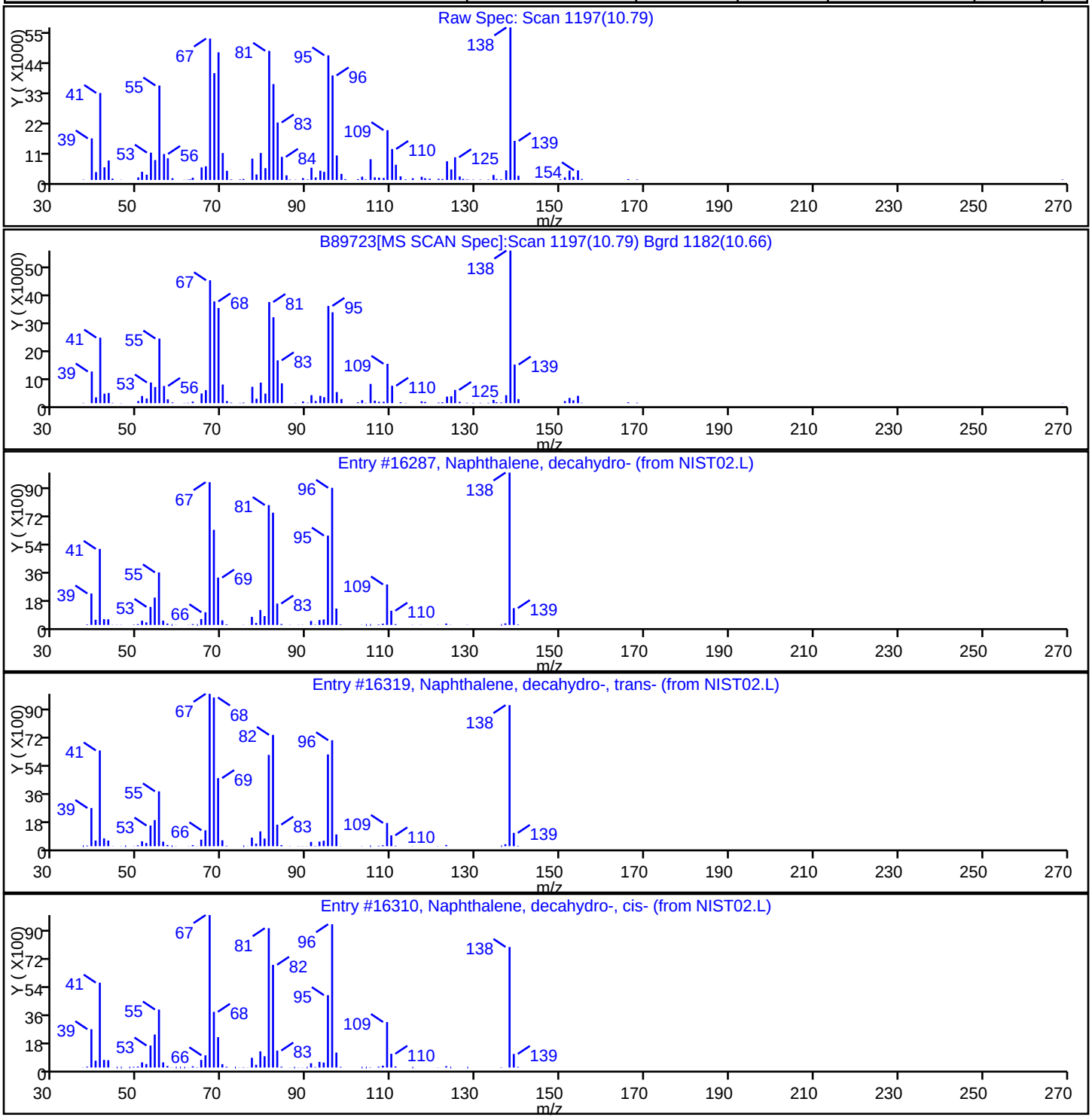
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18421	C10H22	142	97
Decane, 1,1'-oxybis-	2456-28-2	NIST02.L	116749	C20H42O	298	86



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Injection Date: 08-Nov-2015 17:17:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-11-A Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	C10H18	138	94
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16319	C10H18	138	93
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16310	C10H18	138	87

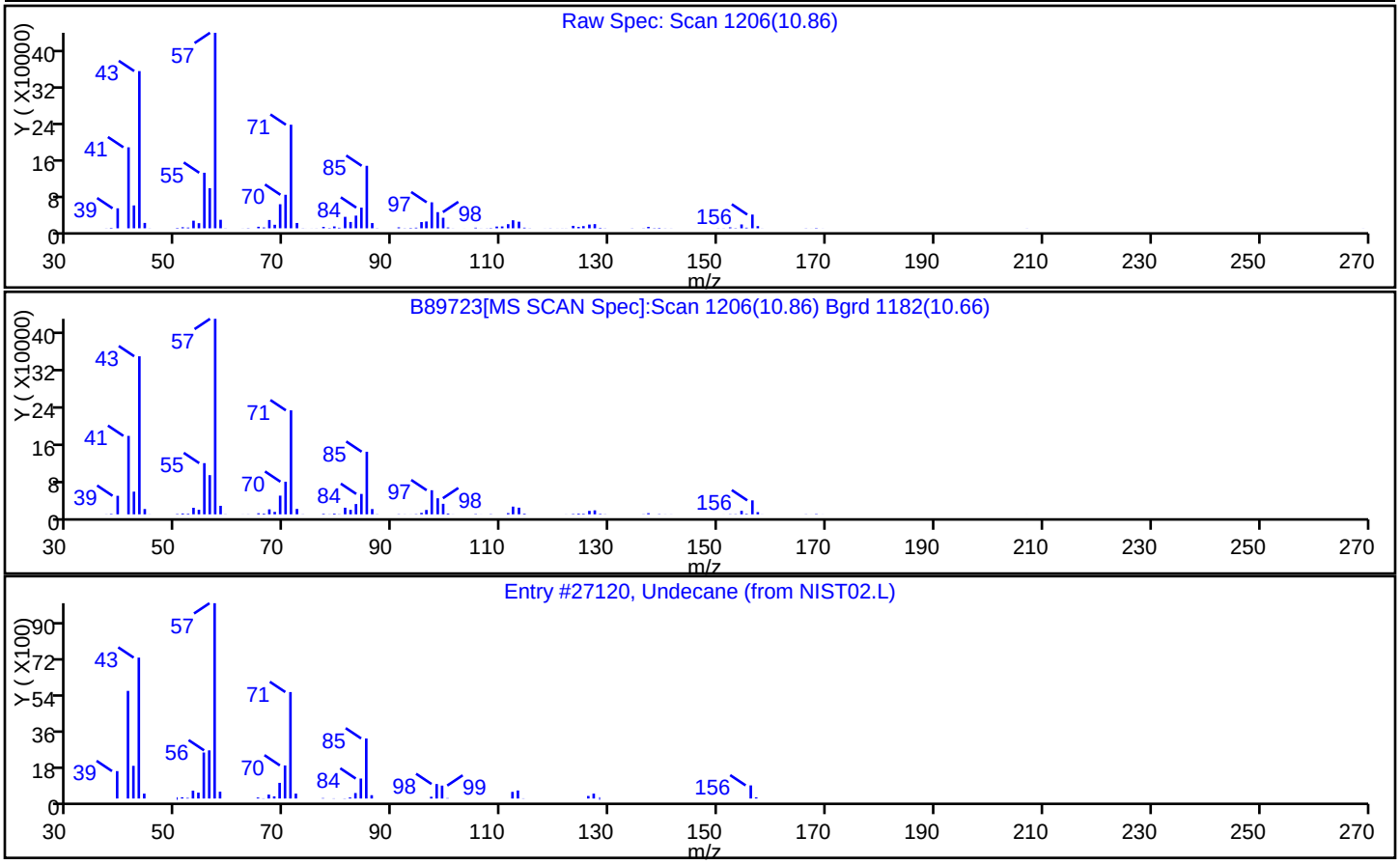


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Undecane	1120-21-4	NIST02.L	27120	C11H24	156	94



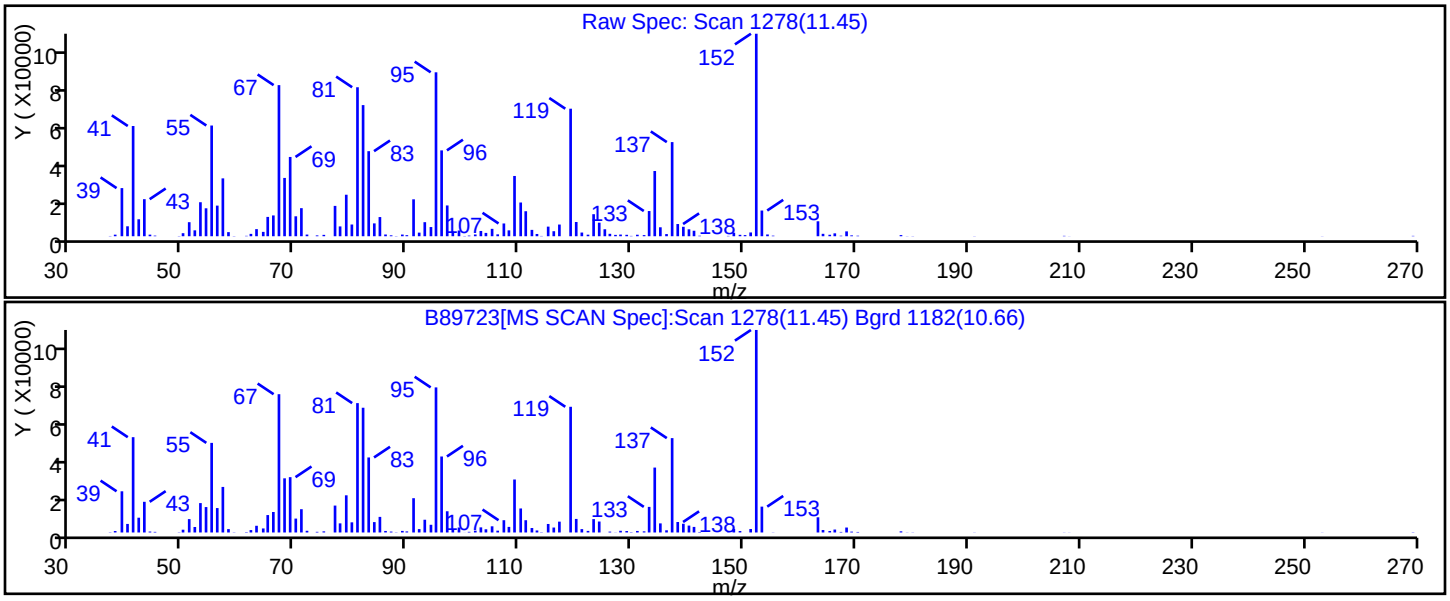
Report Date: 11-Nov-2015 12:47:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



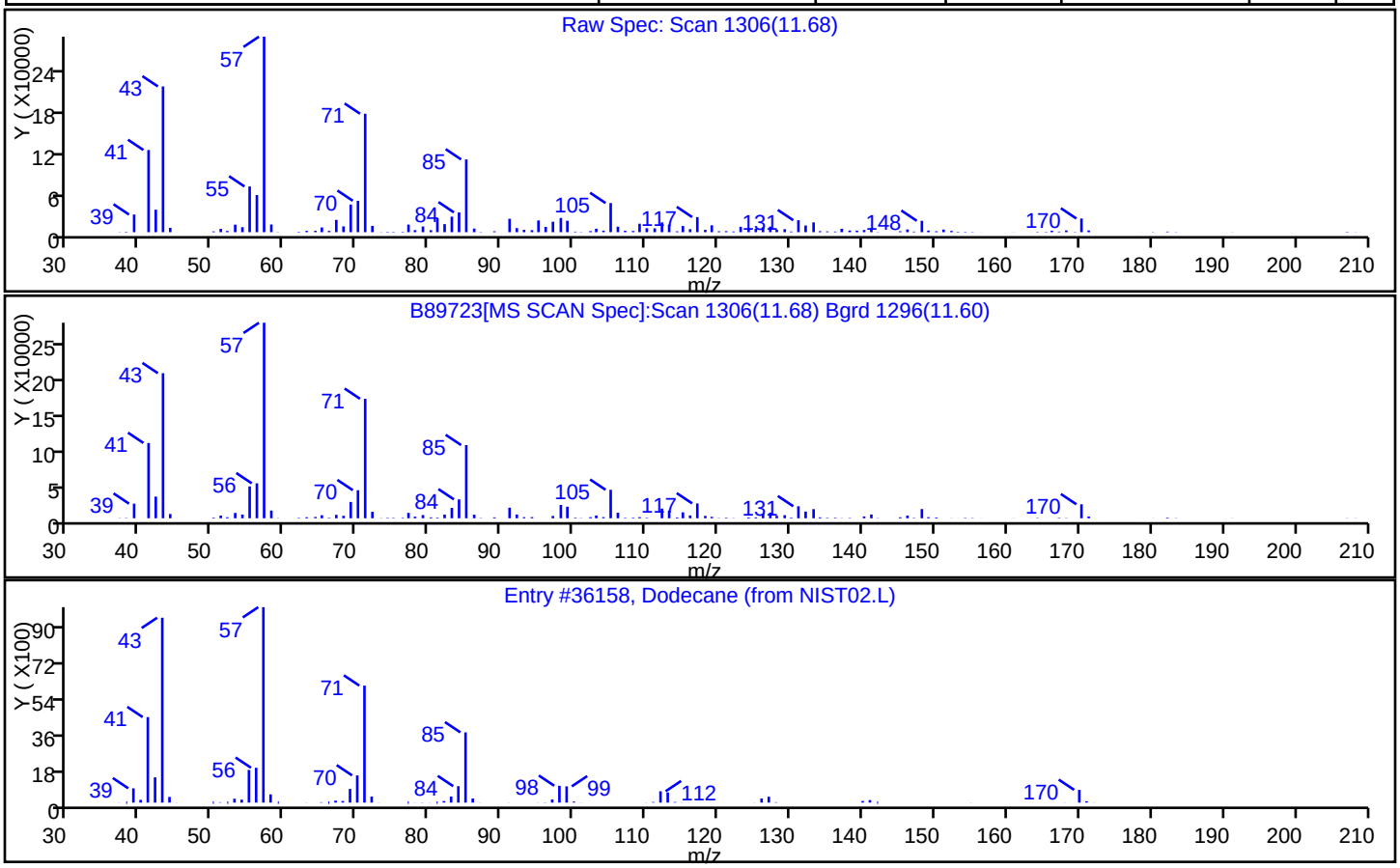
Report Date: 11-Nov-2015 12:47:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

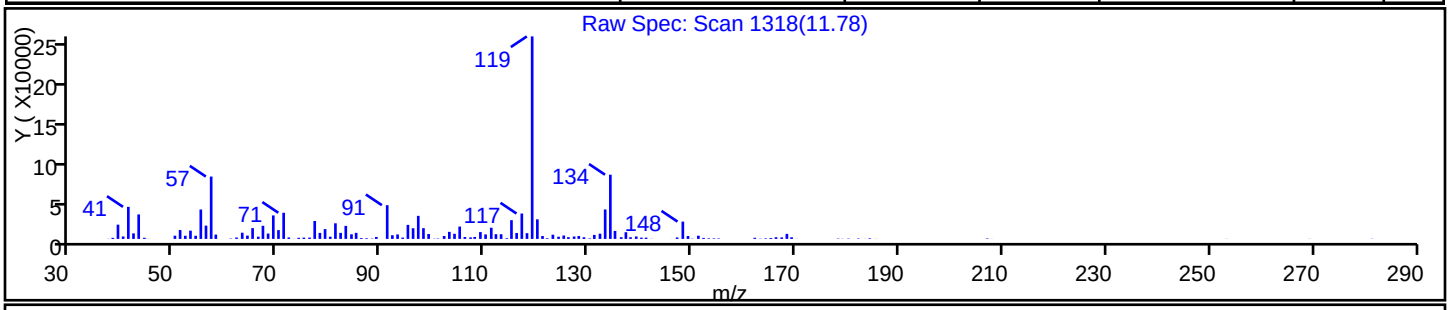
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36158	C12H26	170	96

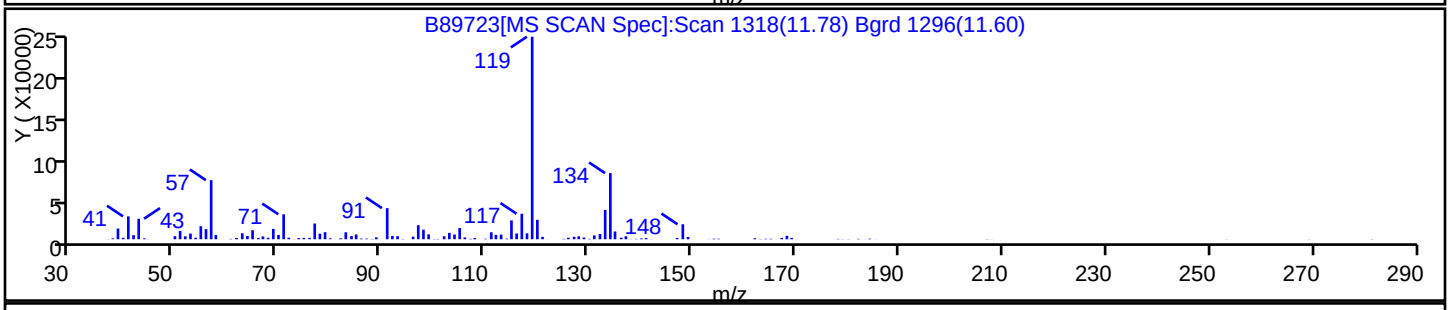


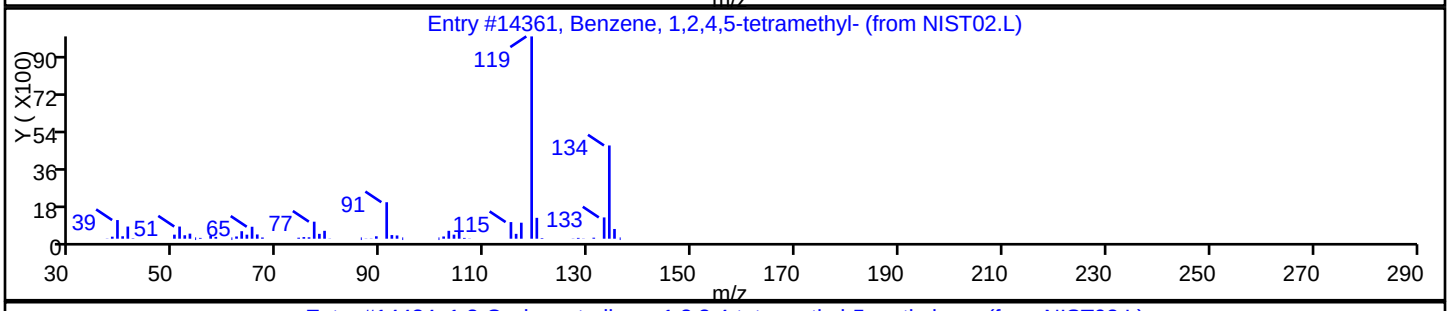
TestAmerica Edison

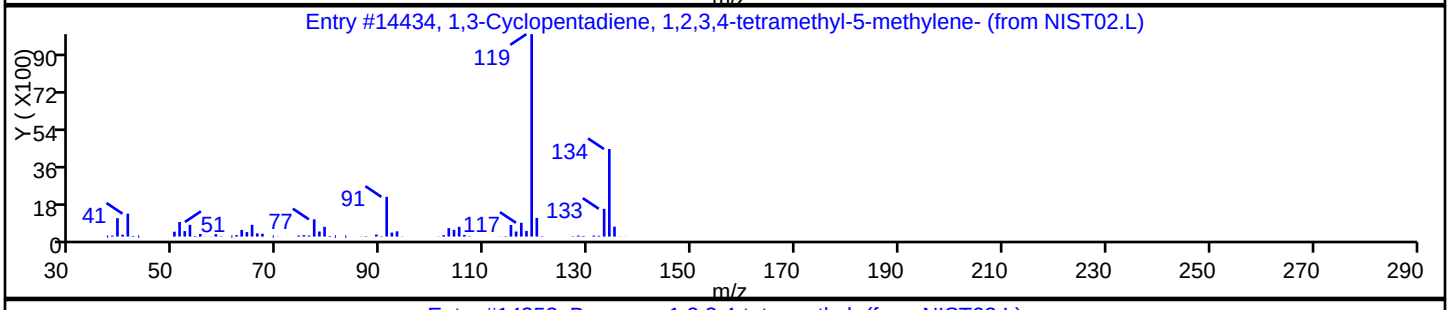
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D
Injection Date: 08-Nov-2015 17:17:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-11-A Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

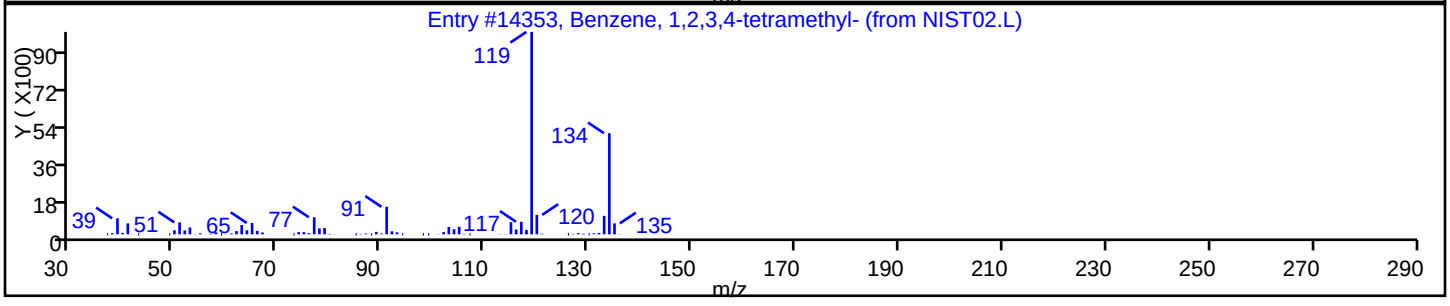
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	94
1,3-Cyclopentadiene, 1,2,3,4-tetramethyl	76089-59-3	NIST02.L	14434	C10H14	134	87
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	87











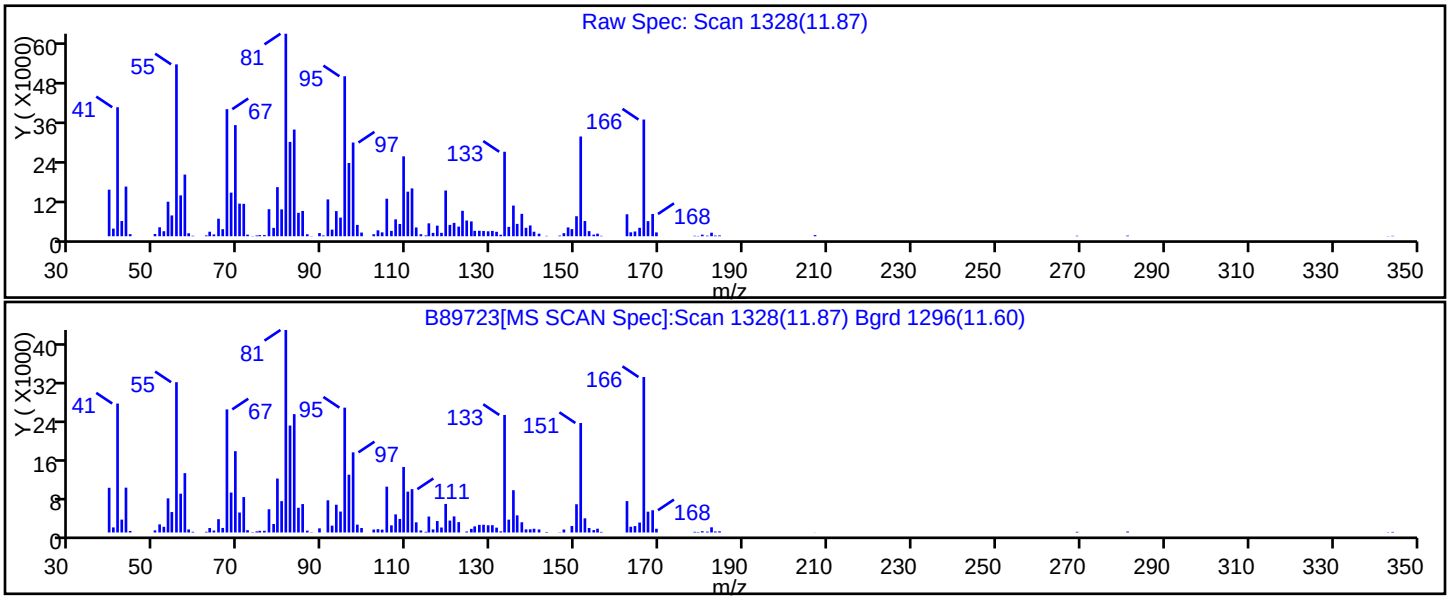
Report Date: 11-Nov-2015 12:47:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



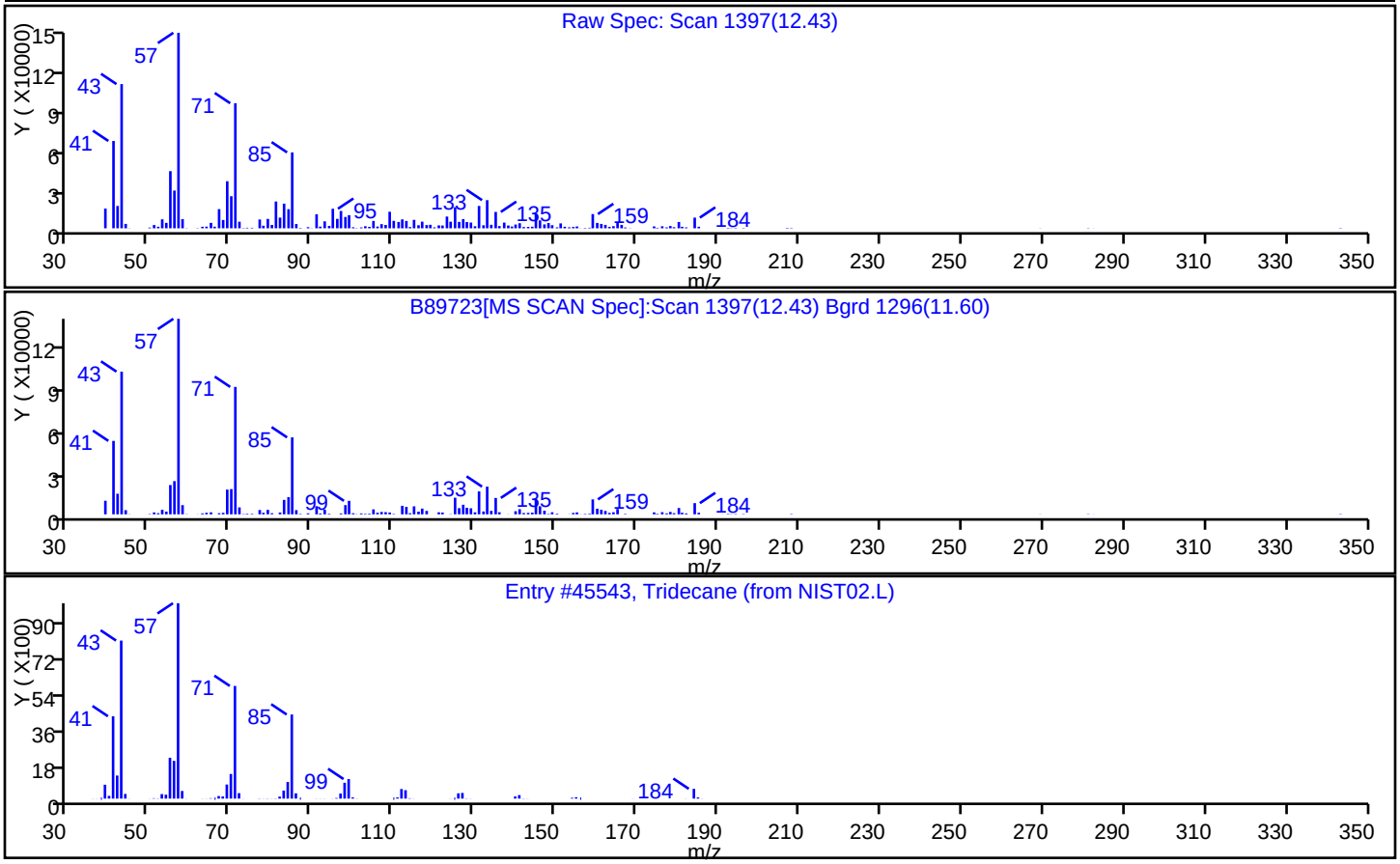
Report Date: 11-Nov-2015 12:47:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45543	C13H28	184	93

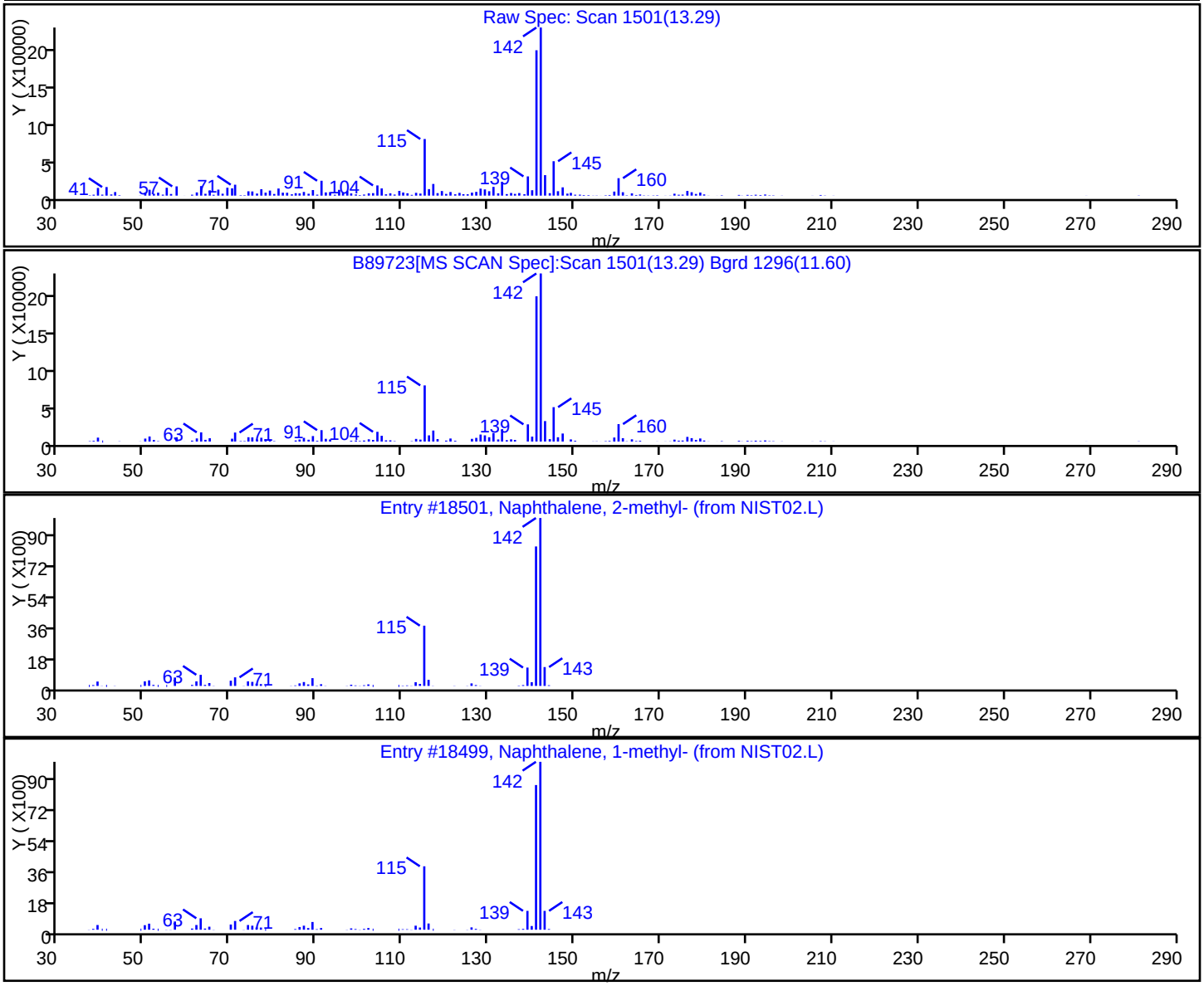


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89723.D

Injection Date:	08-Nov-2015 17:17:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-11-A	Lab Sample ID:	460-104096-11
Client ID:	PMP-24-NW2-12.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	90
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	93



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT | Lab Sample ID: 460-104096-13

Matrix: Solid | Lab File ID: B89722.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:08

Sample wt/vol: 5.46(g) | Date Analyzed: 11/08/2015 16:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.3 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21	U	95	21
74-83-9	Bromomethane	17	U	95	17
75-01-4	Vinyl chloride	19	U	95	19
75-00-3	Chloroethane	35	U	95	35
75-09-2	Methylene Chloride	20	U	95	20
67-64-1	Acetone	100	U	470	100
75-15-0	Carbon disulfide	21	U	95	21
75-69-4	Trichlorofluoromethane	14	U	95	14
75-35-4	1,1-Dichloroethene	32	U	95	32
75-34-3	1,1-Dichloroethane	23	U	95	23
156-60-5	trans-1,2-Dichloroethene	17	U	95	17
156-59-2	cis-1,2-Dichloroethene	25	U	95	25
67-66-3	Chloroform	21	U	95	21
78-93-3	2-Butanone	210	U	470	210
107-06-2	1,2-Dichloroethane	24	U	95	24
71-55-6	1,1,1-Trichloroethane	27	U	95	27
56-23-5	Carbon tetrachloride	31	U	95	31
71-43-2	Benzene	18	U	95	18
75-25-2	Bromoform	17	U	95	17
100-42-5	Styrene	16	U	95	16
100-41-4	Ethylbenzene	28	U	95	28
108-90-7	Chlorobenzene	23	U	95	23
110-82-7	Cyclohexane	25	U	95	25
98-82-8	Isopropylbenzene	30	U	95	30
591-78-6	2-Hexanone	68	U	470	68
1634-04-4	MTBE	12	U	95	12
76-13-1	Freon TF	32	U	95	32
79-20-9	Methyl acetate	55	U	470	55
123-91-1	1,4-Dioxane	820	U *	2400	820
79-01-6	Trichloroethene	21	U	95	21
108-88-3	Toluene	24	U	95	24
10061-02-6	trans-1,3-Dichloropropene	18	U	95	18
108-10-1	4-Methyl-2-pentanone	60	U	470	60
10061-01-5	cis-1,3-Dichloropropene	15	U	95	15
95-50-1	1,2-Dichlorobenzene	140		95	21
541-73-1	1,3-Dichlorobenzene	270		95	31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT | Lab Sample ID: 460-104096-13

Matrix: Solid | Lab File ID: B89722.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:08

Sample wt/vol: 5.46(g) | Date Analyzed: 11/08/2015 16:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.3 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1200		95	31
120-82-1	1,2,4-Trichlorobenzene	1600		95	26
87-61-6	1,2,3-Trichlorobenzene	1800		95	33
78-87-5	1,2-Dichloropropane	17	U	95	17
108-87-2	Methylcyclohexane	21	U	95	21
127-18-4	Tetrachloroethene	34	U	95	34
1330-20-7	Xylenes, Total	81	J	190	27
96-12-8	1,2-Dibromo-3-Chloropropane	22	U	95	22
79-34-5	1,1,2,2-Tetrachloroethane	18	U	95	18
79-00-5	1,1,2-Trichloroethane	7.6	U	95	7.6
124-48-1	Dibromochloromethane	21	U	95	21
106-93-4	1,2-Dibromoethane	18	U	95	18
75-71-8	Dichlorodifluoromethane	13	U	95	13
74-97-5	Bromochloromethane	28	U	95	28
75-27-4	Bromodichloromethane	14	U	95	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		69-145
2037-26-5	Toluene-d8 (Surr)	104		72-136
460-00-4	Bromofluorobenzene	103		64-131
1868-53-7	Dibromofluoromethane (Surr)	103		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT Lab Sample ID: 460-104096-13

Matrix: Solid Lab File ID: B89722.D

Analysis Method: 8260C Date Collected: 11/05/2015 10:08

Sample wt/vol: 5.46(g) Date Analyzed: 11/08/2015 16:53

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.3 Level: (low/med) Medium

Analysis Batch No.: 333935 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 53100

CAS NO.	COMPOUND NAME	RT	RESULT	Q
91-17-8	Naphthalene, decahydro-	10.79	6100	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4400	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	11.45	5500	J N
	Unknown	11.55	4000	J
	Unknown	11.79	6600	J
	Unknown	11.87	8600	J
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	12.06	5900	J N
	Unknown	12.23	4000	J
	Unknown	12.43	3900	J
	Unknown	13.05	4100	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D
Lims ID: 460-104096-A-13-A Lab Sample ID: 460-104096-13
Client ID: PMP-5-NW2-WT
Sample Type: Client
Inject. Date: 08-Nov-2015 16:53:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-13-A
Misc. Info.: 460-0033958-024
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:46:08 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:36:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.616	2.599	0.017	86	160229	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	169674	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	93	112719	51.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	94	102592	45.8	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	432576	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	93	16881	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	377882	52.1	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	84	369566	50.0	
96 o-Xylene	106	9.101	9.101	0.000	94	3836	0.8554	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	162866	51.6	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	81	16061	2.80	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	92	243818	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	94	76512	12.7	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	53	8768	1.45	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	90	63177	17.2	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	91	65981	19.5	M
S 135 Xylenes, Total	100				0		0.8554	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D
Lims ID: 460-104096-A-13-A Lab Sample ID: 460-104096-13
Client ID: PMP-5-NW2-WT
Sample Type: Client
Inject. Date: 08-Nov-2015 16:53:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-13-A
Misc. Info.: 460-0033958-024
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:46:08 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:36:12

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
91-17-8 Naphthalene, decahydro-								
10.788	3758738	64.5	119	93	16283	C10H18	138	
1000152-47-3 trans-Decalin, 2-methyl-								
11.290	2706971	46.4	119	97	24310	C11H20	152	
1000155-85-6 cis-Decalin, 2-syn-methyl-								
11.454	3375467	57.9	119	86	24314	C11H20	152	
Unknown								
11.553	2454371	42.1	119					
Unknown								
11.792	4031936	69.2	119					
Unknown								
11.866	5288918	90.7	119					
2050-24-0 Benzene, 1,3-diethyl-5-methyl-								
12.055	3646987	62.6	119	94	21819	C11H16	148	
Unknown								
12.228	2435329	41.8	119					
Unknown								
12.434	2385128	40.9	119					
Unknown								
13.051	2535625	43.5	119					

Report Date: 11-Nov-2015 12:46:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	2914639	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

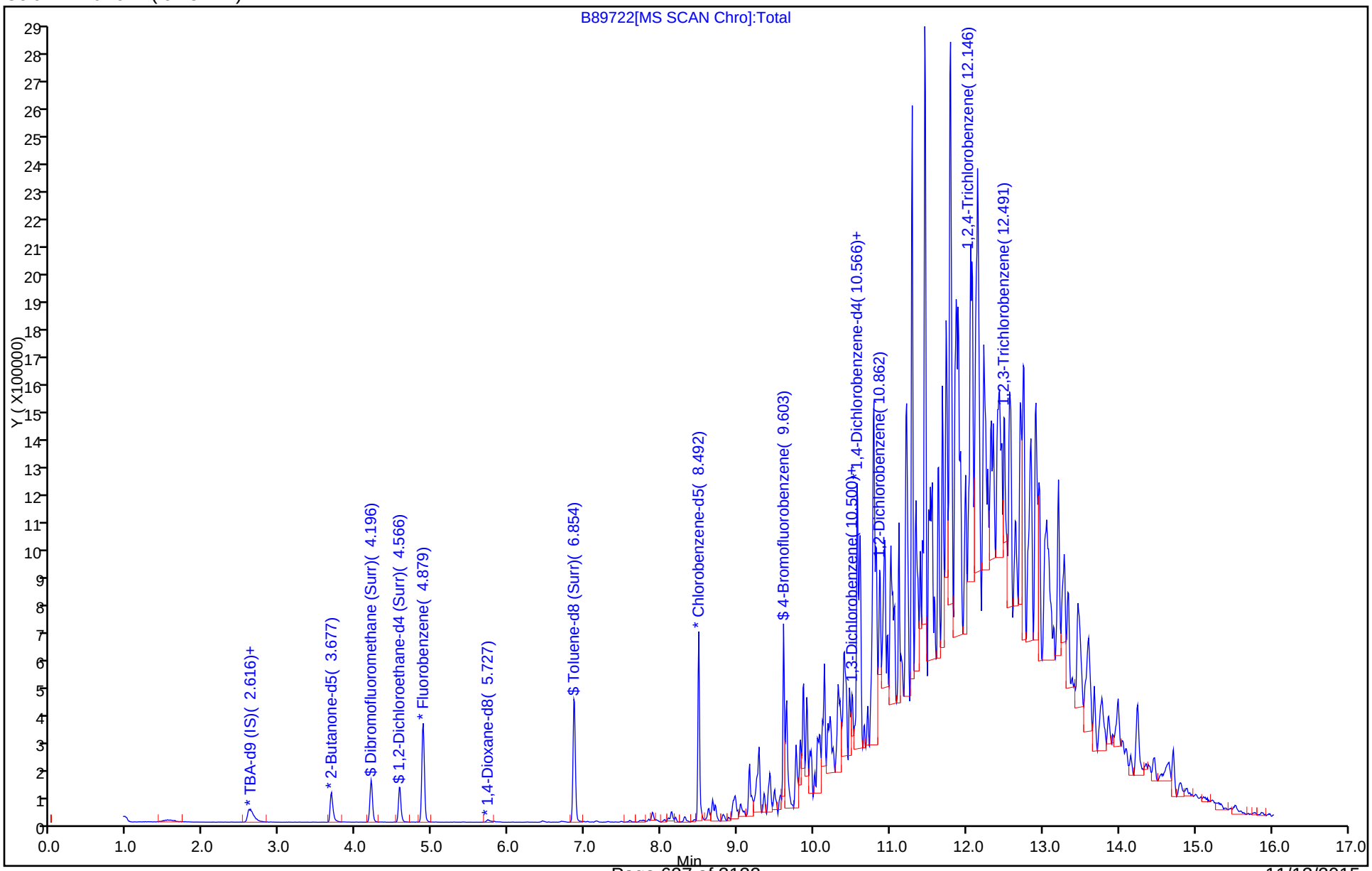
Report Date: 11-Nov-2015 12:46:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13	Worklist Smp#:	24
Client ID:	PMP-5-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	23
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

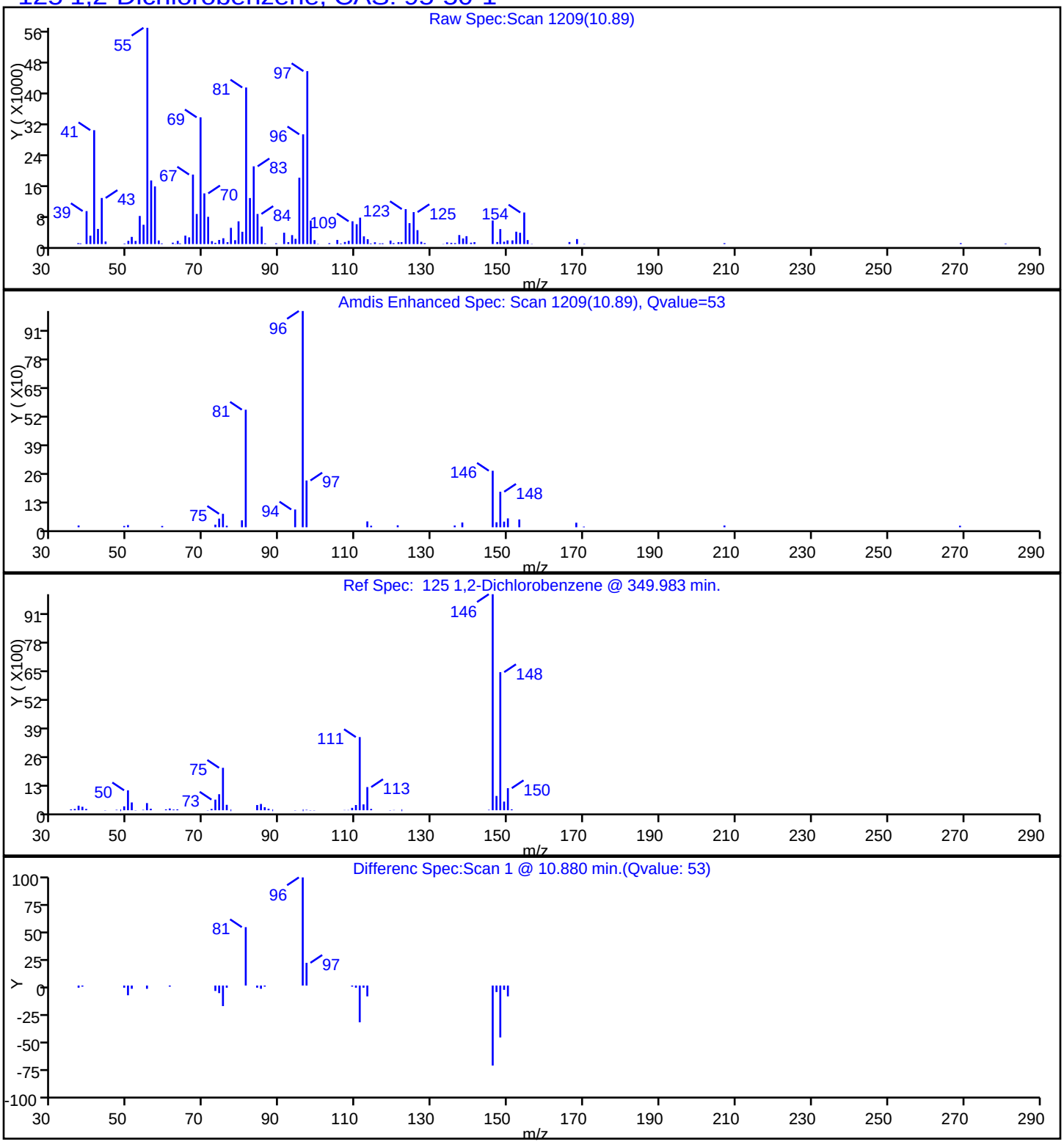
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

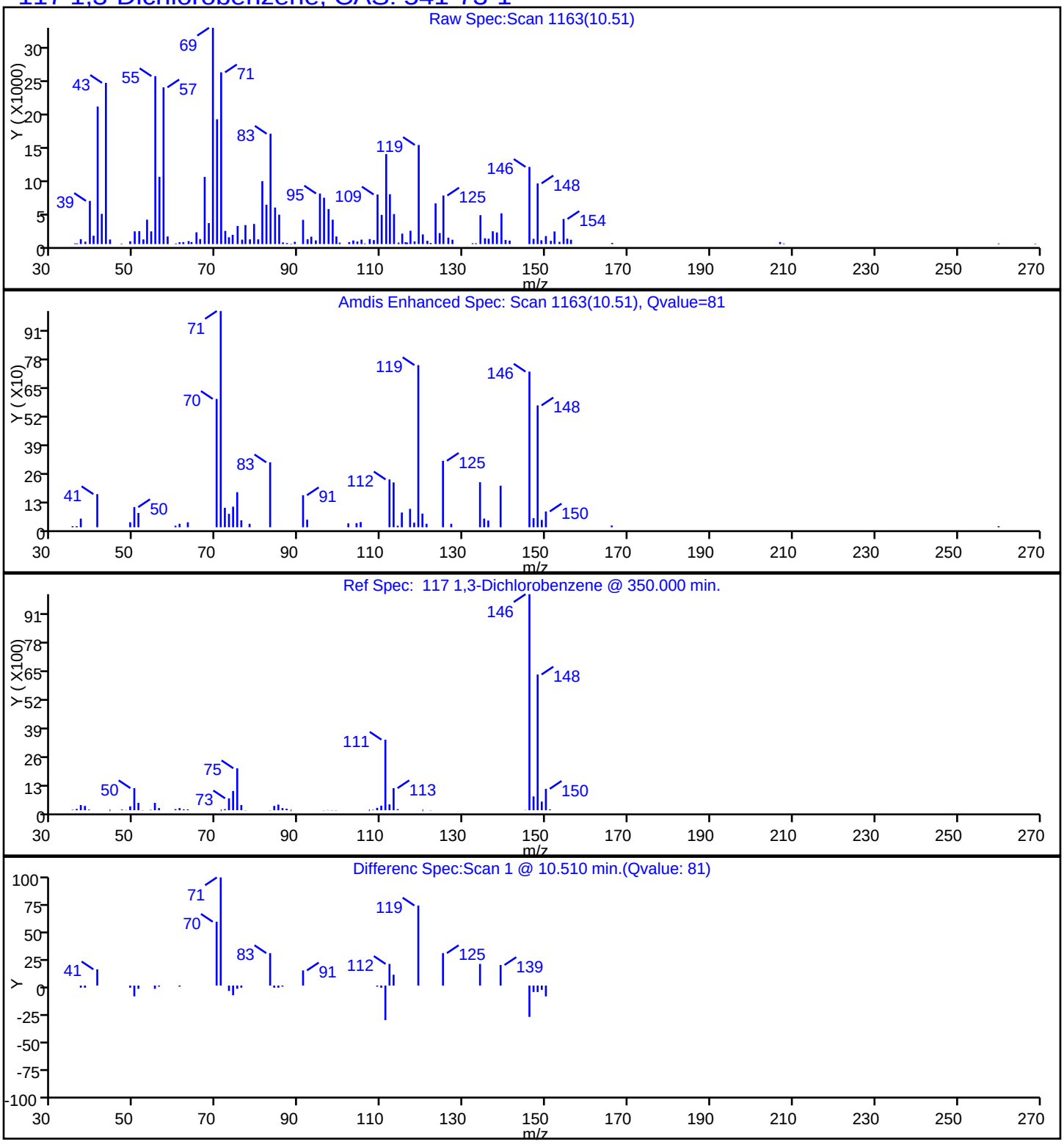
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

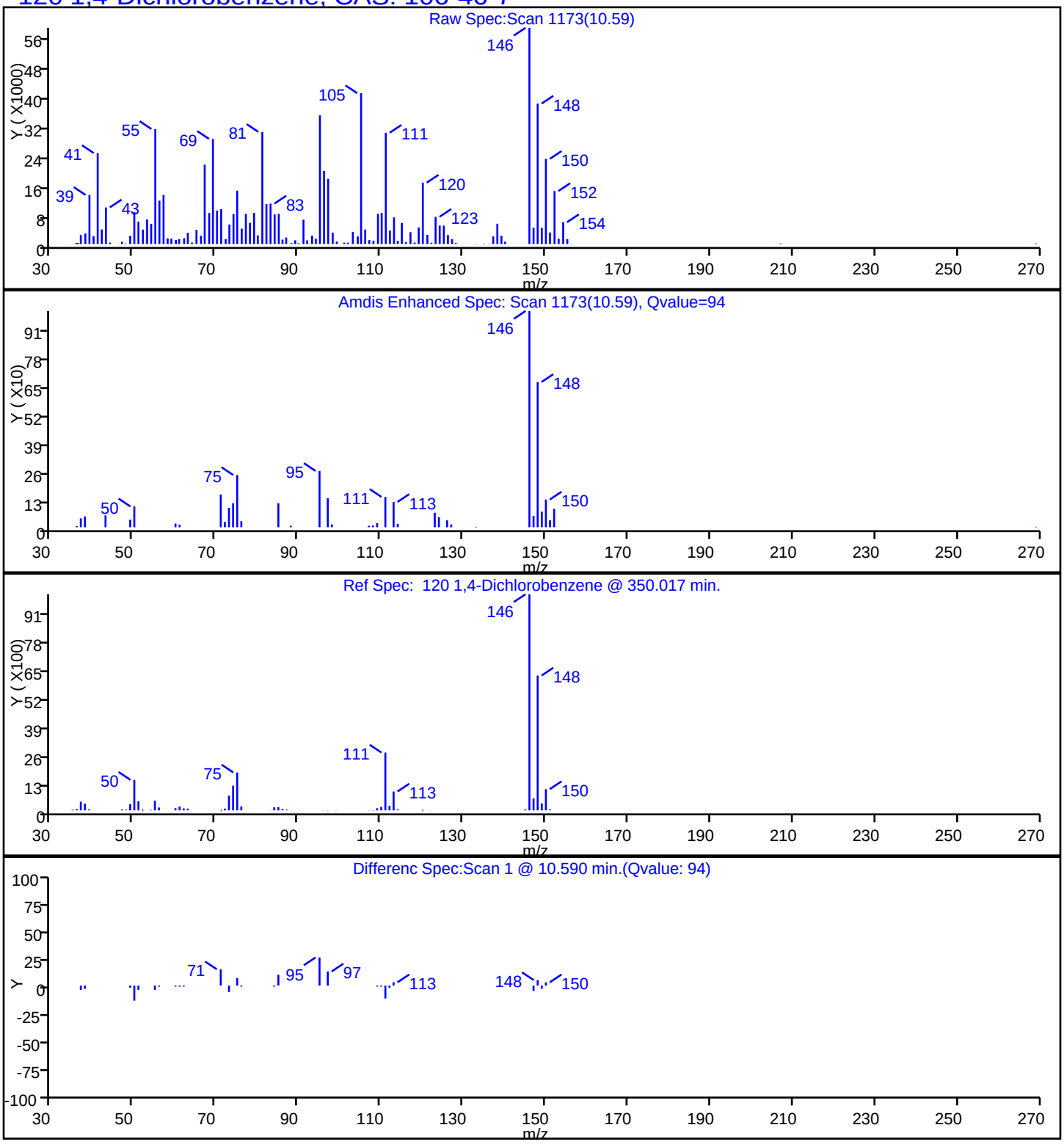
117 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

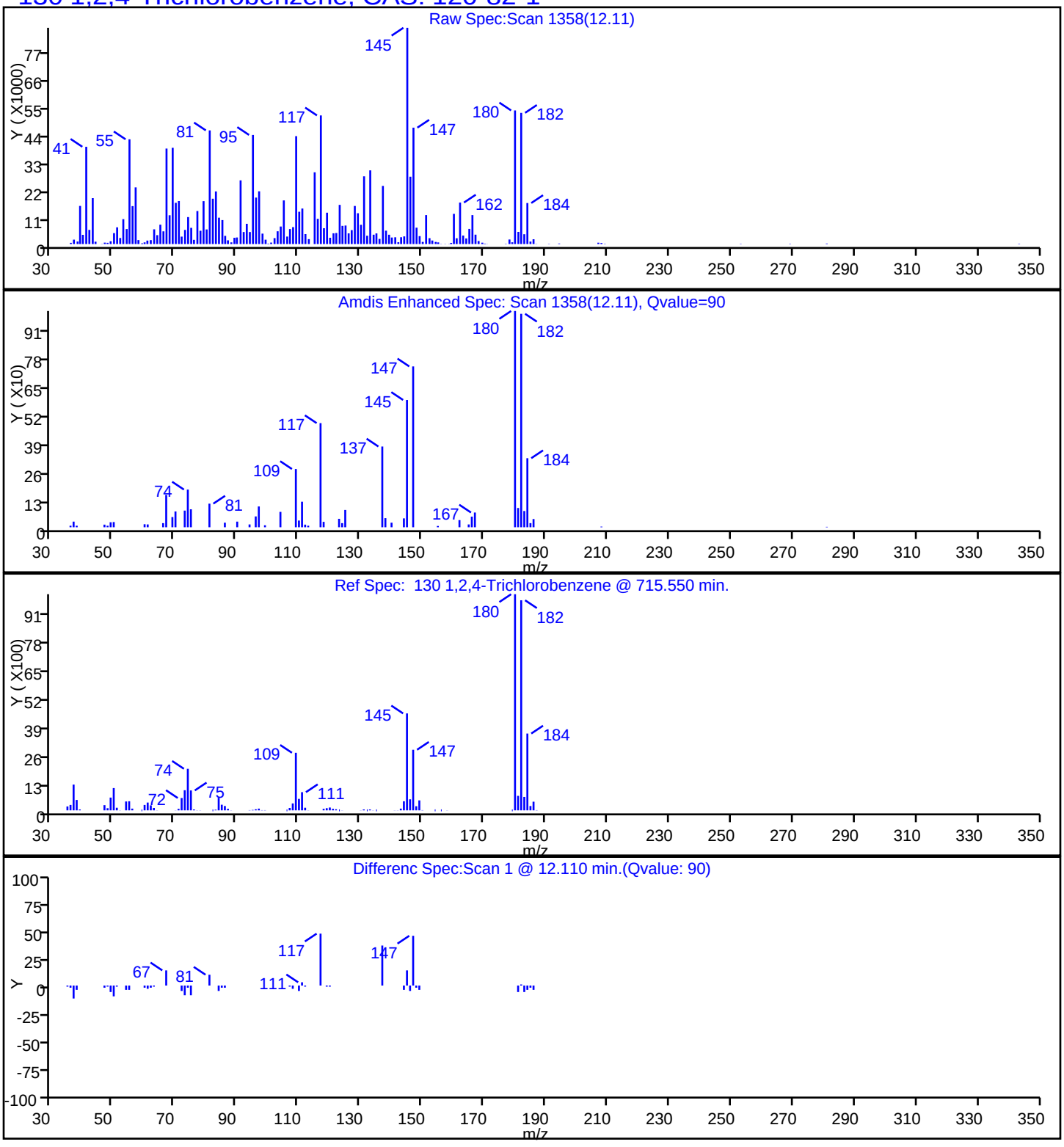
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

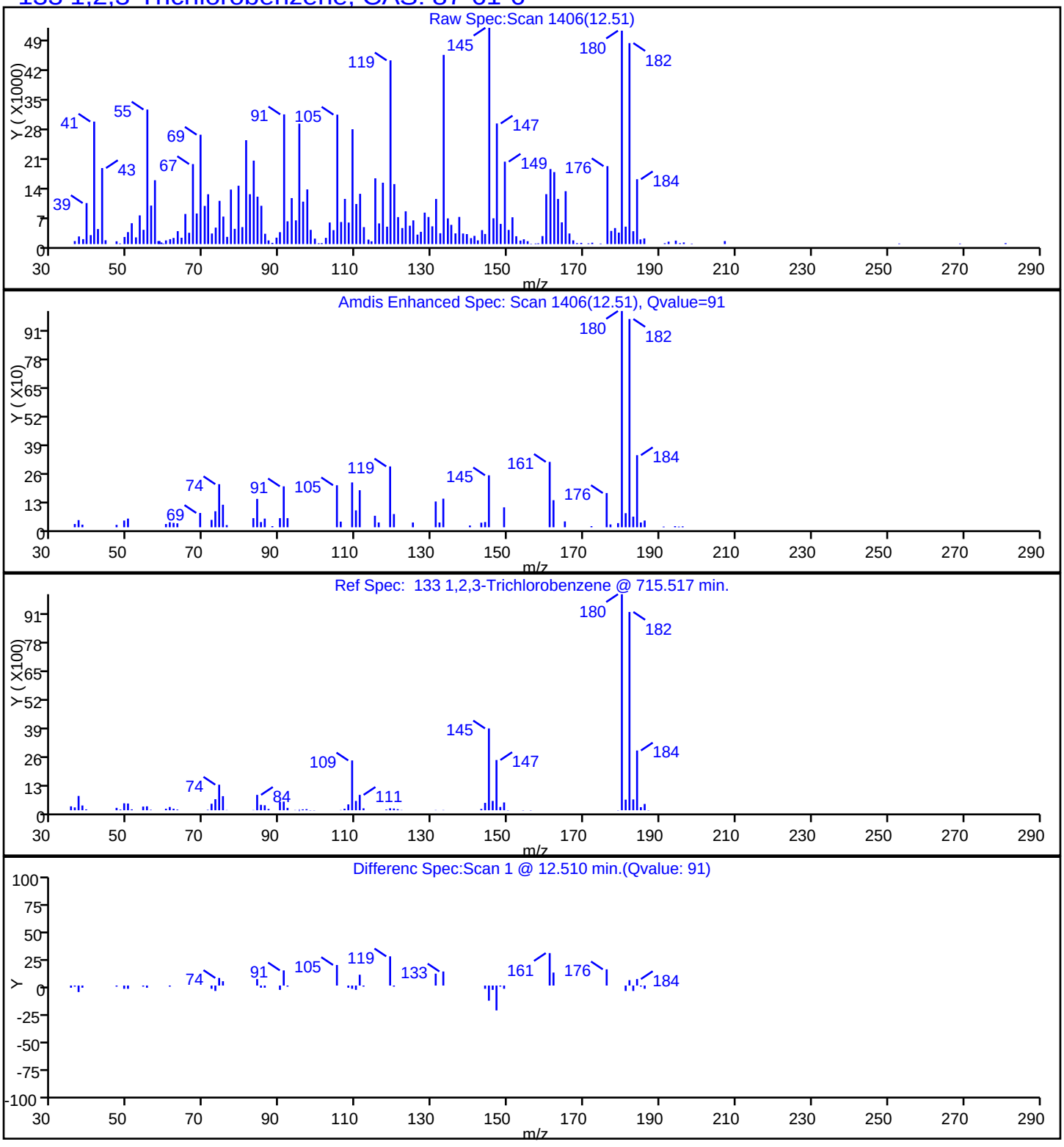
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

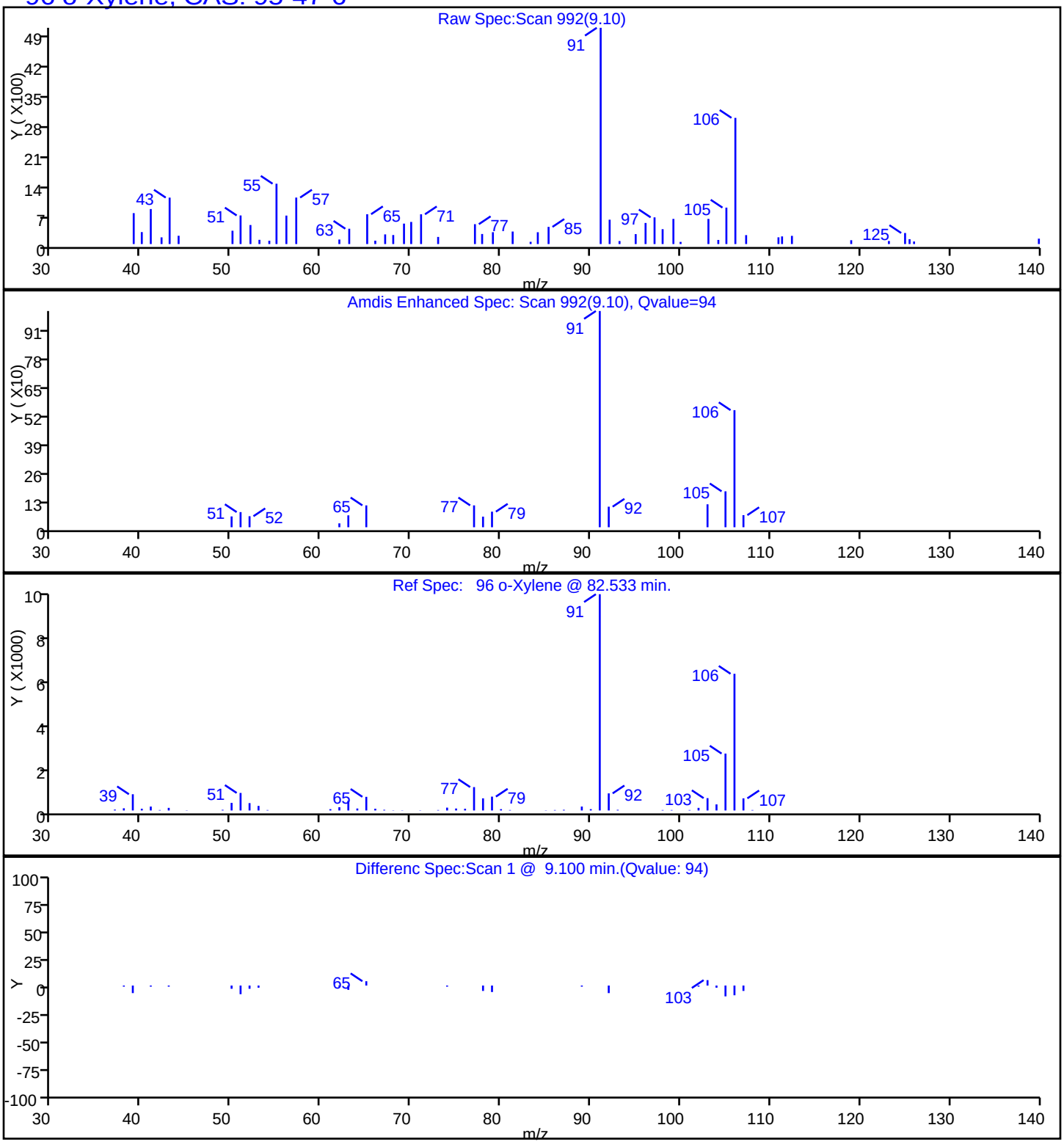
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D		
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

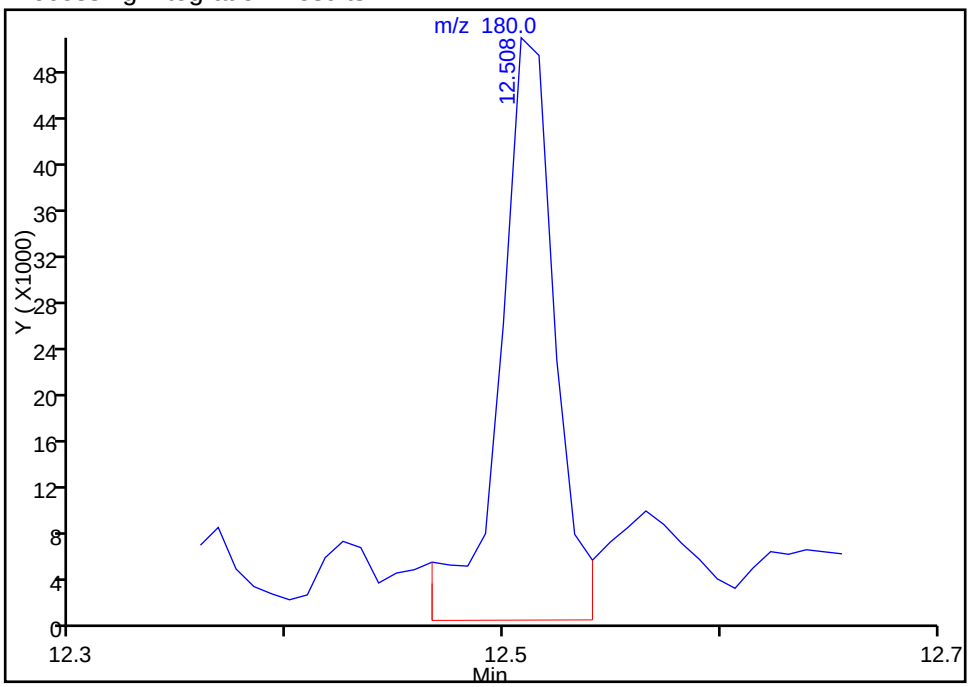
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D				
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

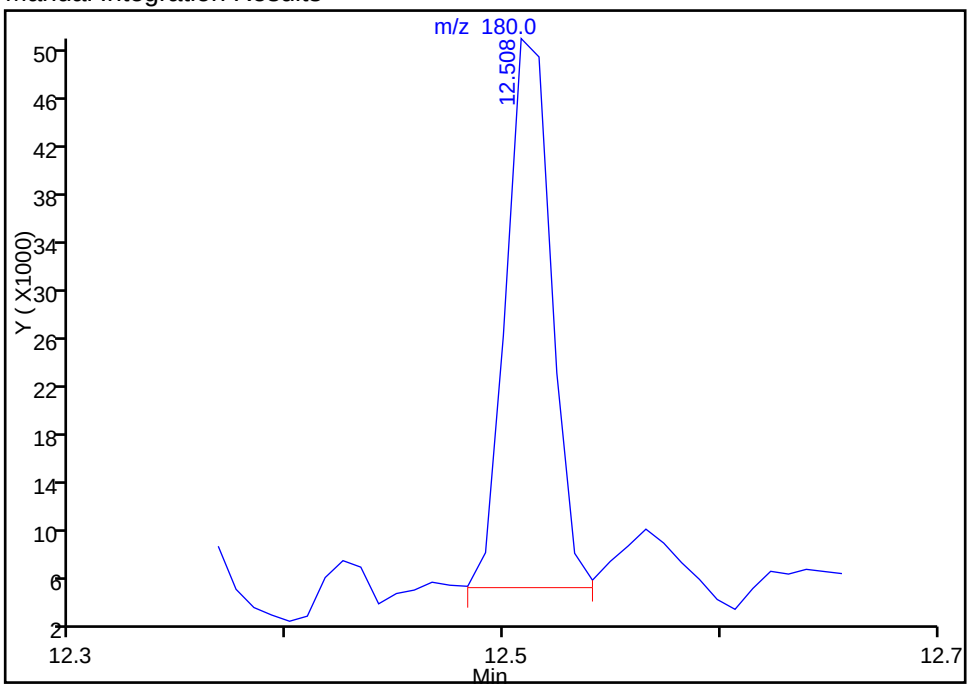
Processing Integration Results

RT: 12.51
Area: 88503
Amount: 26.133446
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 65981
Amount: 19.483079
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:46:07
Audit Action: Manually Integrated
Audit Reason: Baseline

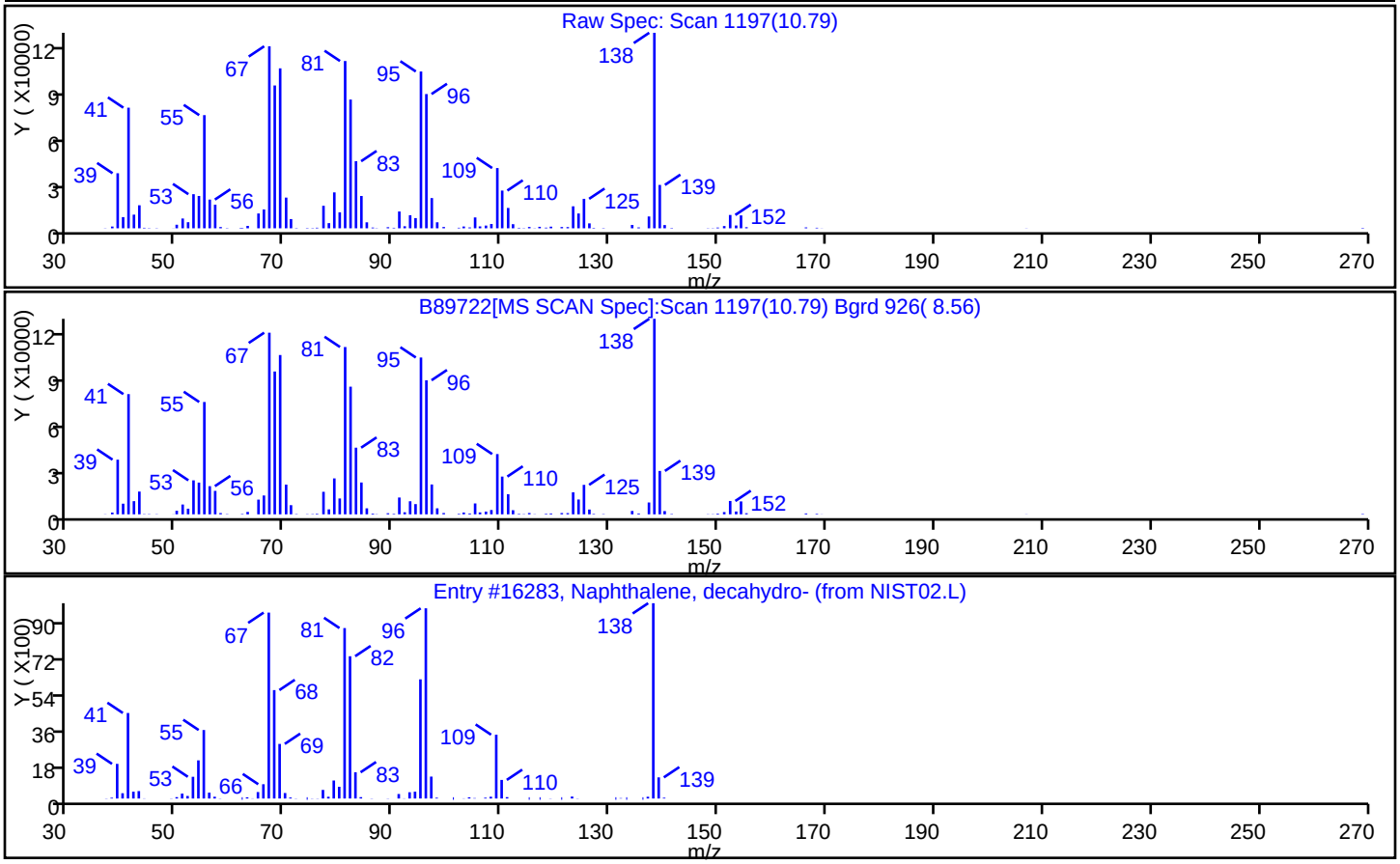
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16283	C10H18	138	93



Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date: 08-Nov-2015 16:53:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-13-A Lab Sample ID: 460-104096-13

Client ID: PMP-5-NW2-WT

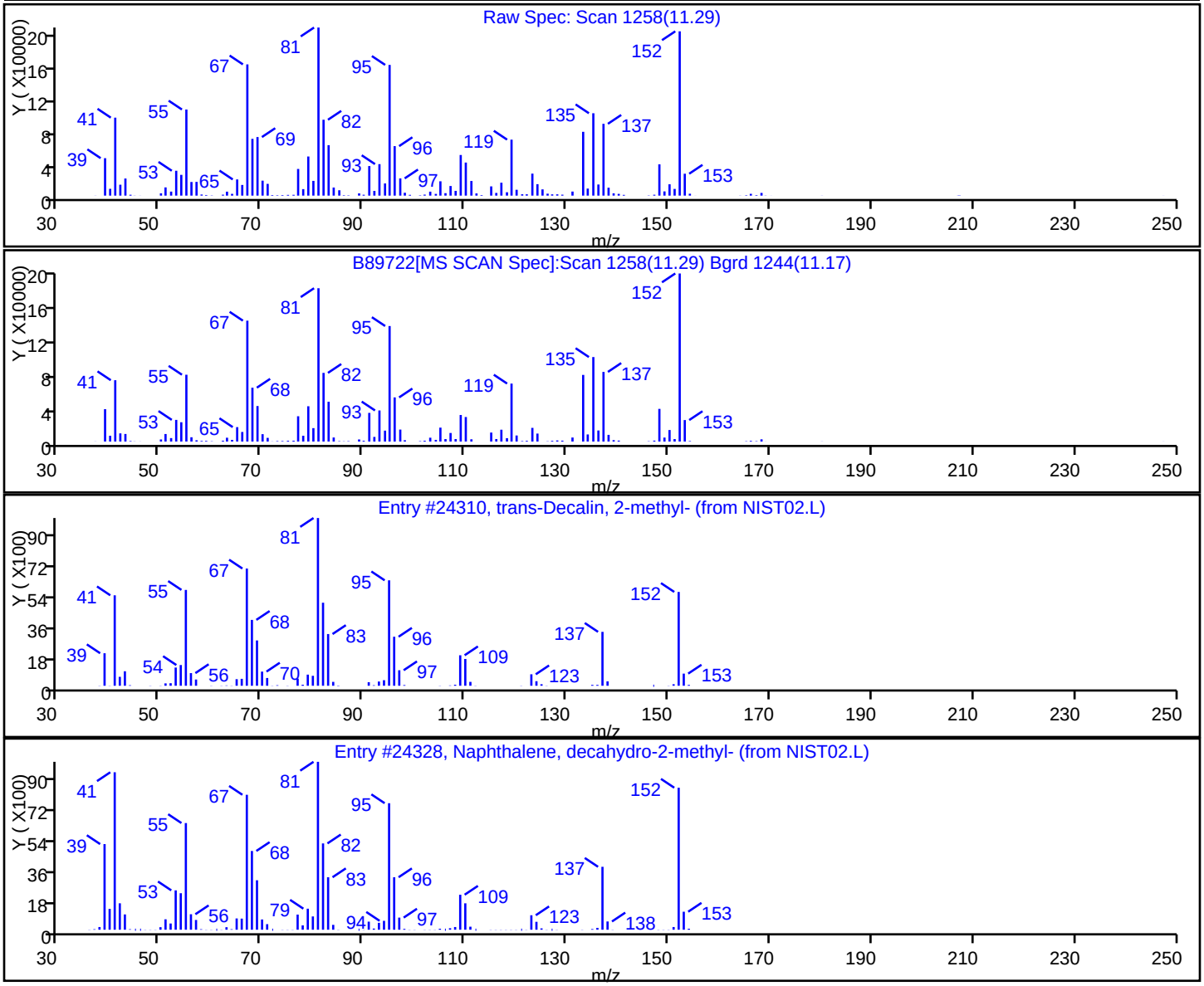
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	97
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	94



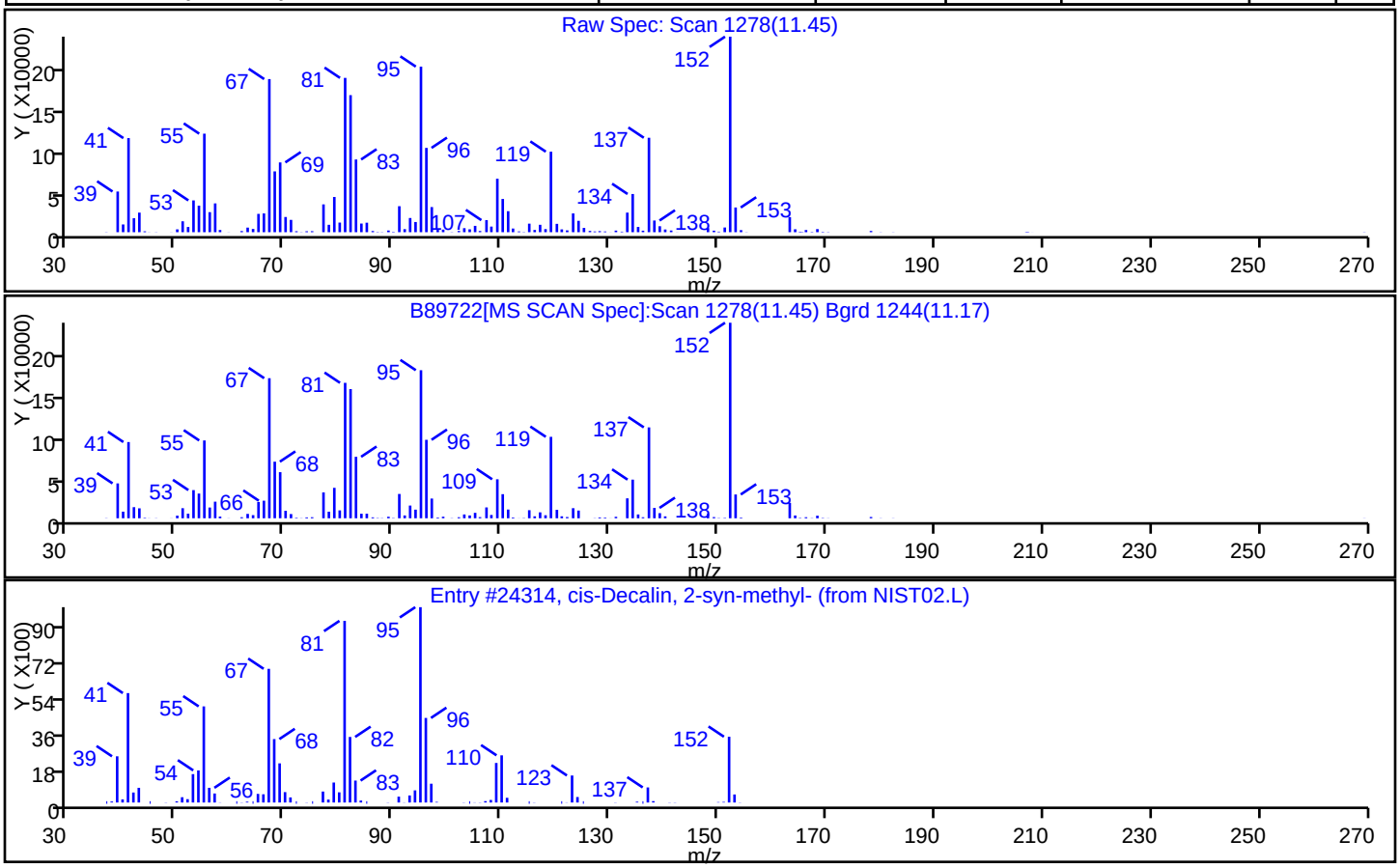
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	86



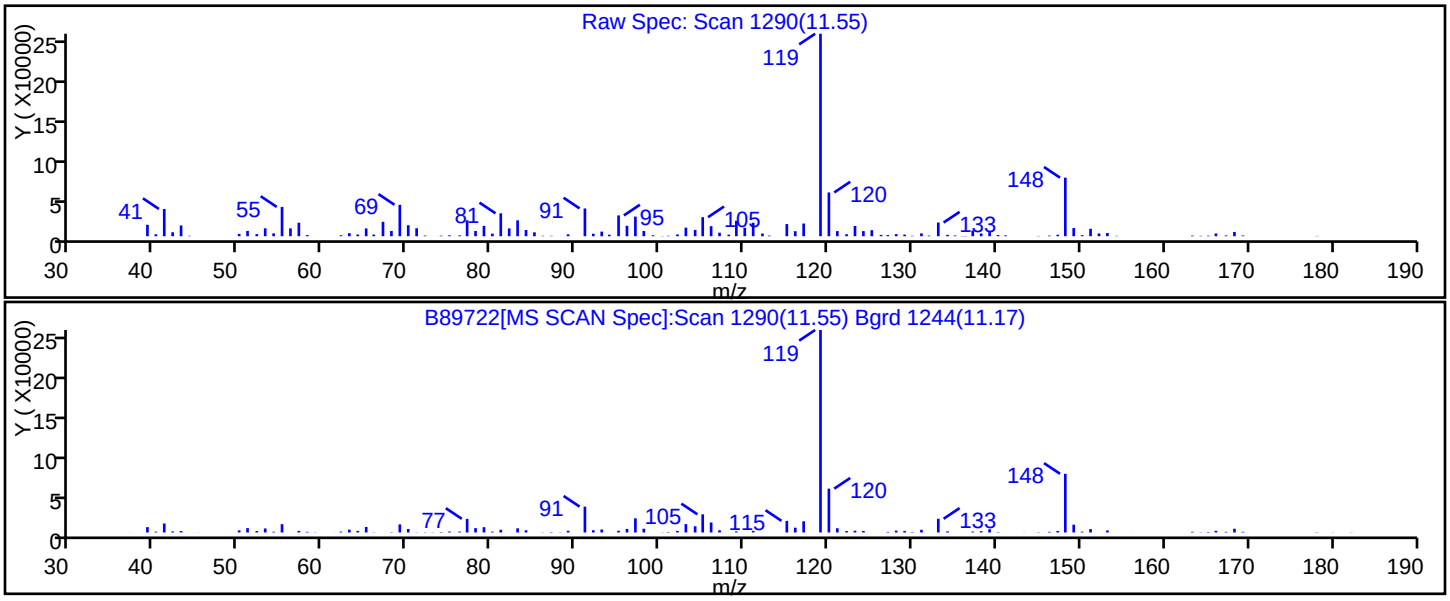
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



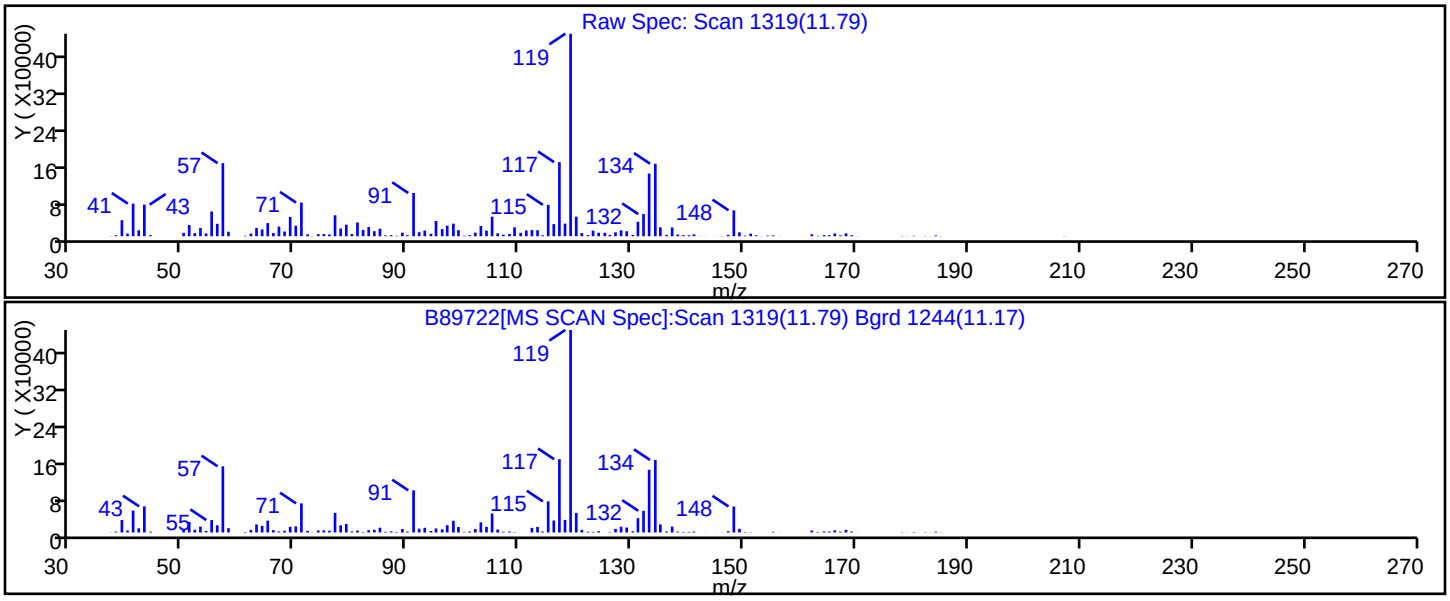
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



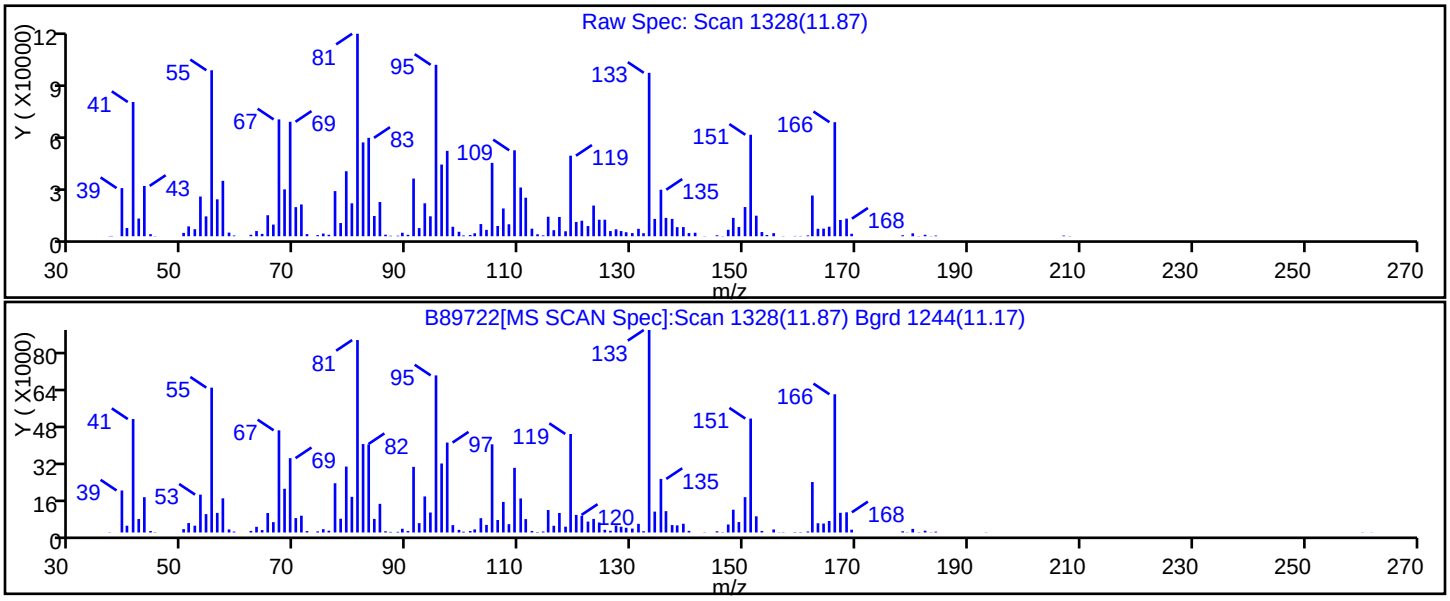
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

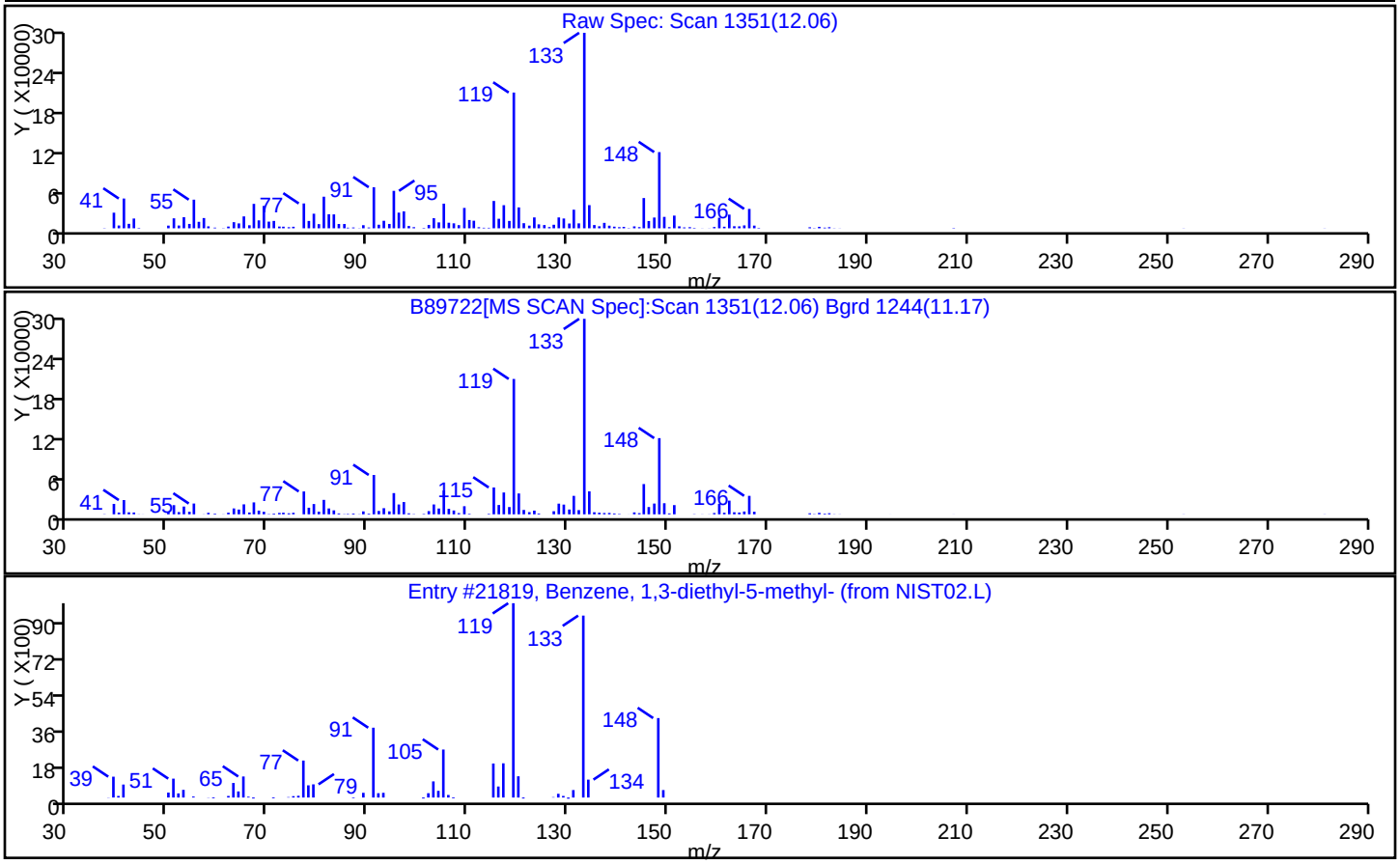
Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D
Injection Date: 08-Nov-2015 16:53:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-13-A Lab Sample ID: 460-104096-13
Client ID: PMP-5-NW2-WT
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	94



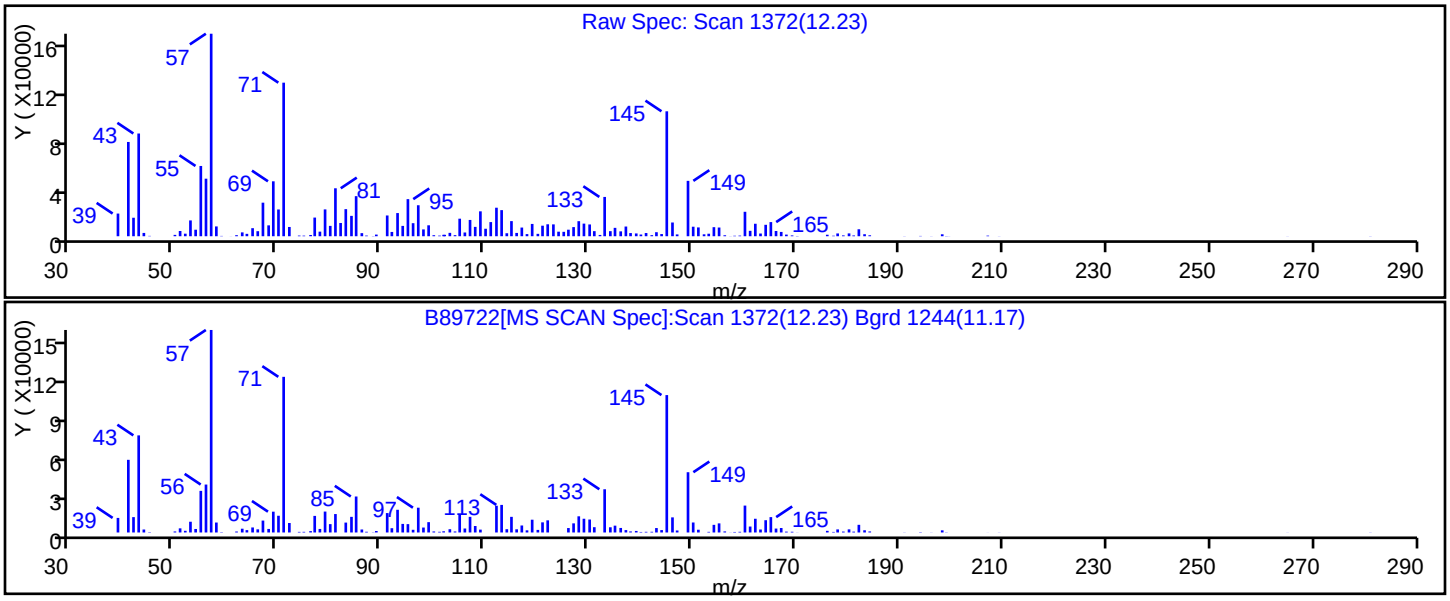
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



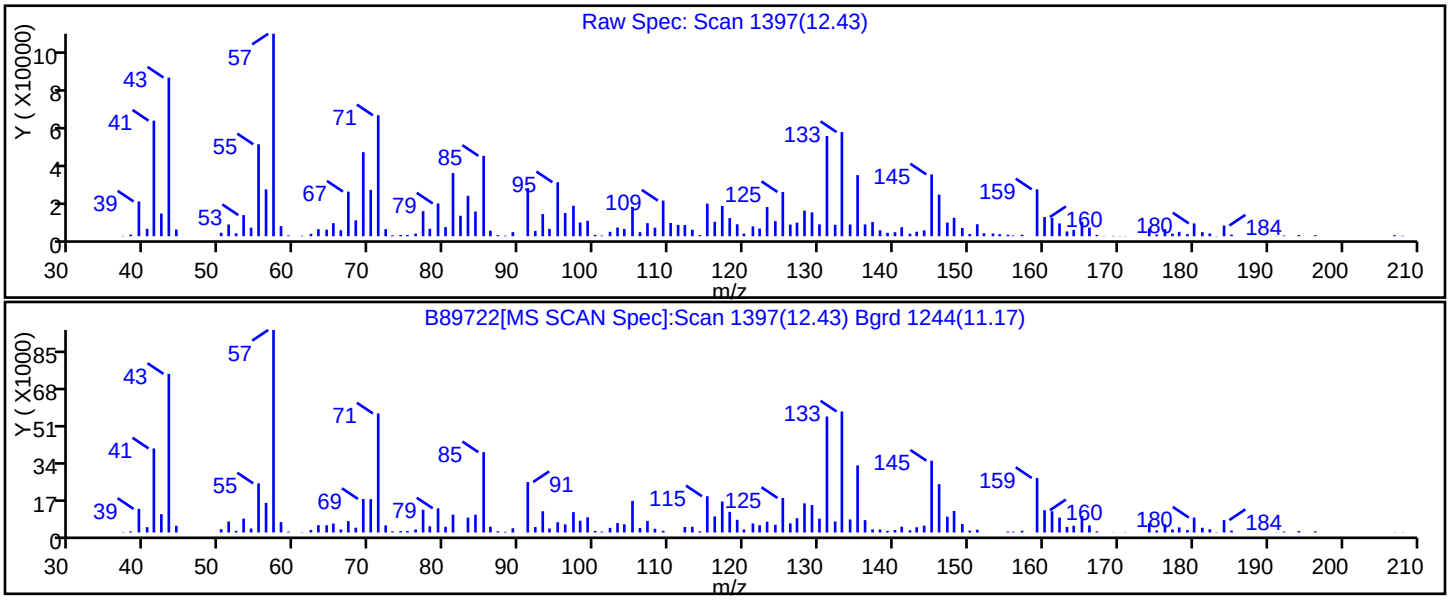
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



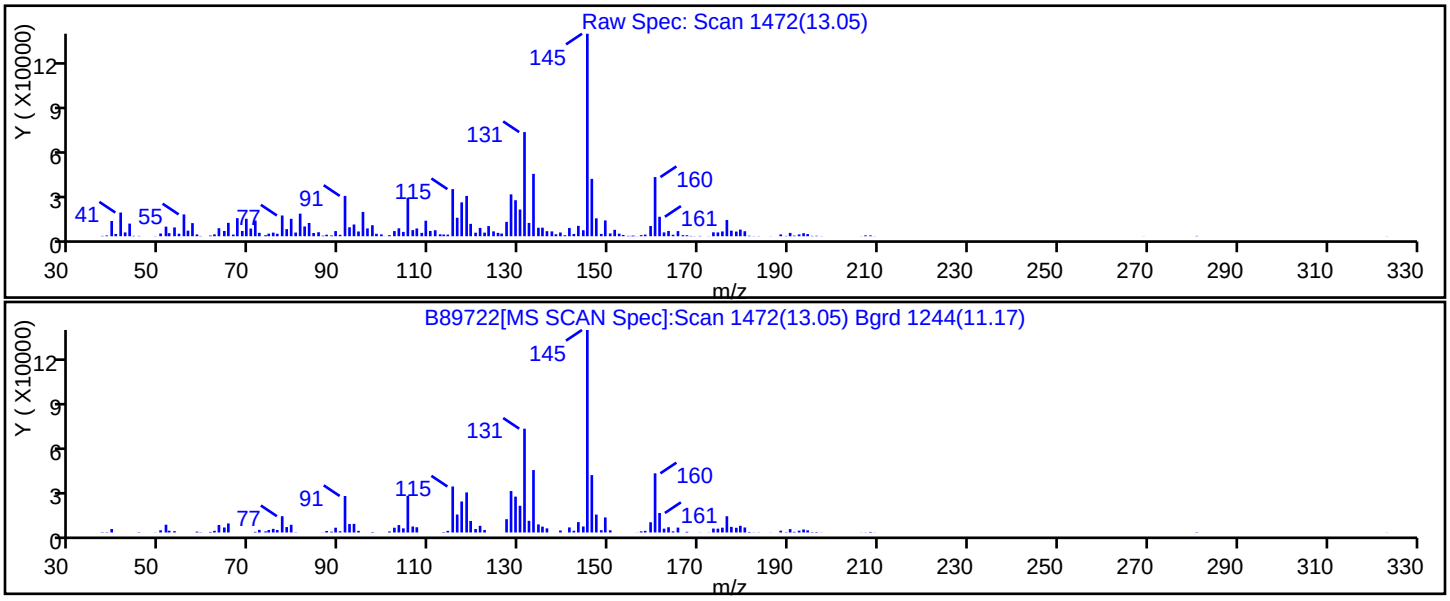
Report Date: 11-Nov-2015 12:46:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89722.D

Injection Date:	08-Nov-2015 16:53:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-13-A	Lab Sample ID:	460-104096-13
Client ID:	PMP-5-NW2-WT		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S | Lab Sample ID: 460-104096-14

Matrix: Solid | Lab File ID: B89850.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:10

Sample wt/vol: 5.624(g) | Date Analyzed: 11/11/2015 13:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20	U	93	20
74-83-9	Bromomethane	17	U	93	17
75-01-4	Vinyl chloride	19	U	93	19
75-00-3	Chloroethane	34	U	93	34
75-09-2	Methylene Chloride	20	U	93	20
67-64-1	Acetone	99	U	460	99
75-15-0	Carbon disulfide	20	U	93	20
75-69-4	Trichlorofluoromethane	14	U	93	14
75-35-4	1,1-Dichloroethene	32	U	93	32
75-34-3	1,1-Dichloroethane	22	U	93	22
156-60-5	trans-1,2-Dichloroethene	17	U	93	17
156-59-2	cis-1,2-Dichloroethene	24	U	93	24
67-66-3	Chloroform	20	U	93	20
78-93-3	2-Butanone	200	U	460	200
107-06-2	1,2-Dichloroethane	23	U	93	23
71-55-6	1,1,1-Trichloroethane	26	U	93	26
56-23-5	Carbon tetrachloride	31	U	93	31
71-43-2	Benzene	18	U	93	18
75-25-2	Bromoform	17	U	93	17
100-42-5	Styrene	16	U	93	16
100-41-4	Ethylbenzene	28	U	93	28
108-90-7	Chlorobenzene	22	U	93	22
110-82-7	Cyclohexane	24	U	93	24
98-82-8	Isopropylbenzene	30	U	93	30
591-78-6	2-Hexanone	67	U	460	67
1634-04-4	MTBE	12	U	93	12
76-13-1	Freon TF	32	U	93	32
79-20-9	Methyl acetate	54	U	460	54
123-91-1	1,4-Dioxane	810	U *	2300	810
79-01-6	Trichloroethene	20	U	93	20
108-88-3	Toluene	23	U	93	23
10061-02-6	trans-1,3-Dichloropropene	18	U	93	18
108-10-1	4-Methyl-2-pentanone	59	U	460	59
10061-01-5	cis-1,3-Dichloropropene	15	U	93	15
95-50-1	1,2-Dichlorobenzene	24	J	93	20
541-73-1	1,3-Dichlorobenzene	51	J	93	31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S | Lab Sample ID: 460-104096-14

Matrix: Solid | Lab File ID: B89850.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:10

Sample wt/vol: 5.624(g) | Date Analyzed: 11/11/2015 13:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	170		93	31
120-82-1	1,2,4-Trichlorobenzene	380		93	25
87-61-6	1,2,3-Trichlorobenzene	730		93	33
78-87-5	1,2-Dichloropropane	17	U	93	17
108-87-2	Methylcyclohexane	20	U	93	20
127-18-4	Tetrachloroethene	33	U	93	33
1330-20-7	Xylenes, Total	26	U	190	26
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	93	21
79-34-5	1,1,2,2-Tetrachloroethane	18	U	93	18
79-00-5	1,1,2-Trichloroethane	7.4	U	93	7.4
124-48-1	Dibromochloromethane	20	U	93	20
106-93-4	1,2-Dibromoethane	18	U	93	18
75-71-8	Dichlorodifluoromethane	13	U	93	13
74-97-5	Bromochloromethane	28	U	93	28
75-27-4	Bromodichloromethane	14	U	93	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		69-145
2037-26-5	Toluene-d8 (Surr)	105		72-136
460-00-4	Bromofluorobenzene	104		64-131
1868-53-7	Dibromofluoromethane (Surr)	99		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S | Lab Sample ID: 460-104096-14

Matrix: Solid | Lab File ID: B89850.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:10

Sample wt/vol: 5.624(g) | Date Analyzed: 11/11/2015 13:59

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Medium

Analysis Batch No.: 334629 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 28200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-75-0	1-Methyldecahydronaphthalene	11.47	2200	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.88	5100	J N
	Unknown	12.07	2200	J
1124-27-2	Cyclohexane, 1-methyl-4-(1-methylethylid	12.27	2300	J N
	Unknown	12.34	2800	J
	Unknown	12.45	2200	J
	Unknown	12.59	2800	J
	Unknown	12.87	2400	J
	Unknown	12.94	2900	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.64	3300	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D
Lims ID: 460-104096-A-14-A Lab Sample ID: 460-104096-14
Client ID: PMP-5-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 13:59:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-14-A
Misc. Info.: 460-0034104-013
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 13:54:29 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: baronm Date: 12-Nov-2015 13:54:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	86	149217	1000.0	
* 158 2-Butanone-d5	46	3.694	3.702	-0.008	98	133921	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.221	4.220	0.001	93	104728	49.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.591	4.599	-0.008	96	100008	46.1	
* 62 Fluorobenzene	96	4.904	4.903	0.001	100	418384	50.0	
* 69 1,4-Dioxane-d8	96	5.776	5.751	0.025	53	18929	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.879	6.879	0.000	99	360576	52.7	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	84	348522	50.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	95	155066	52.1	
117 1,3-Dichlorobenzene	146	10.525	10.524	0.001	55	2954	0.5515	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	93	227938	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	41	10322	1.83	
125 1,2-Dichlorobenzene	146	10.911	10.903	0.008	1	1480	0.2614	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	88	14005	4.07	
133 1,2,3-Trichlorobenzene	180	12.533	12.532	0.001	88	24989	7.89	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D
Lims ID: 460-104096-A-14-A Lab Sample ID: 460-104096-14
Client ID: PMP-5-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 13:59:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-14-A
Misc. Info.: 460-0034104-013
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 13:54:29 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: baronm Date: 12-Nov-2015 13:54:29

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2958-75-0	1-Methyldecahydronaphthalene							
11.471	619111	23.4	119	91	24317	C11H20	152	
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-							
11.882	1446519	54.7	119	91	33325	C12H22	166	
	Unknown							
12.072	618339	23.4	119					
1124-27-2	Cyclohexane, 1-methyl-4-(1-methylethylid							
12.269	650214	24.6	119	92	16389	C10H18	138	
	Unknown							
12.343	784444	29.7	119					
	Unknown							
12.450	637822	24.1	119					
	Unknown							
12.590	809895	30.6	119					
	Unknown							
12.870	689705	26.1	119					
	Unknown							
12.944	818874	31.0	119					
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
13.635	929820	35.2	119	95	61716	C15H28	208	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.590	1322580	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

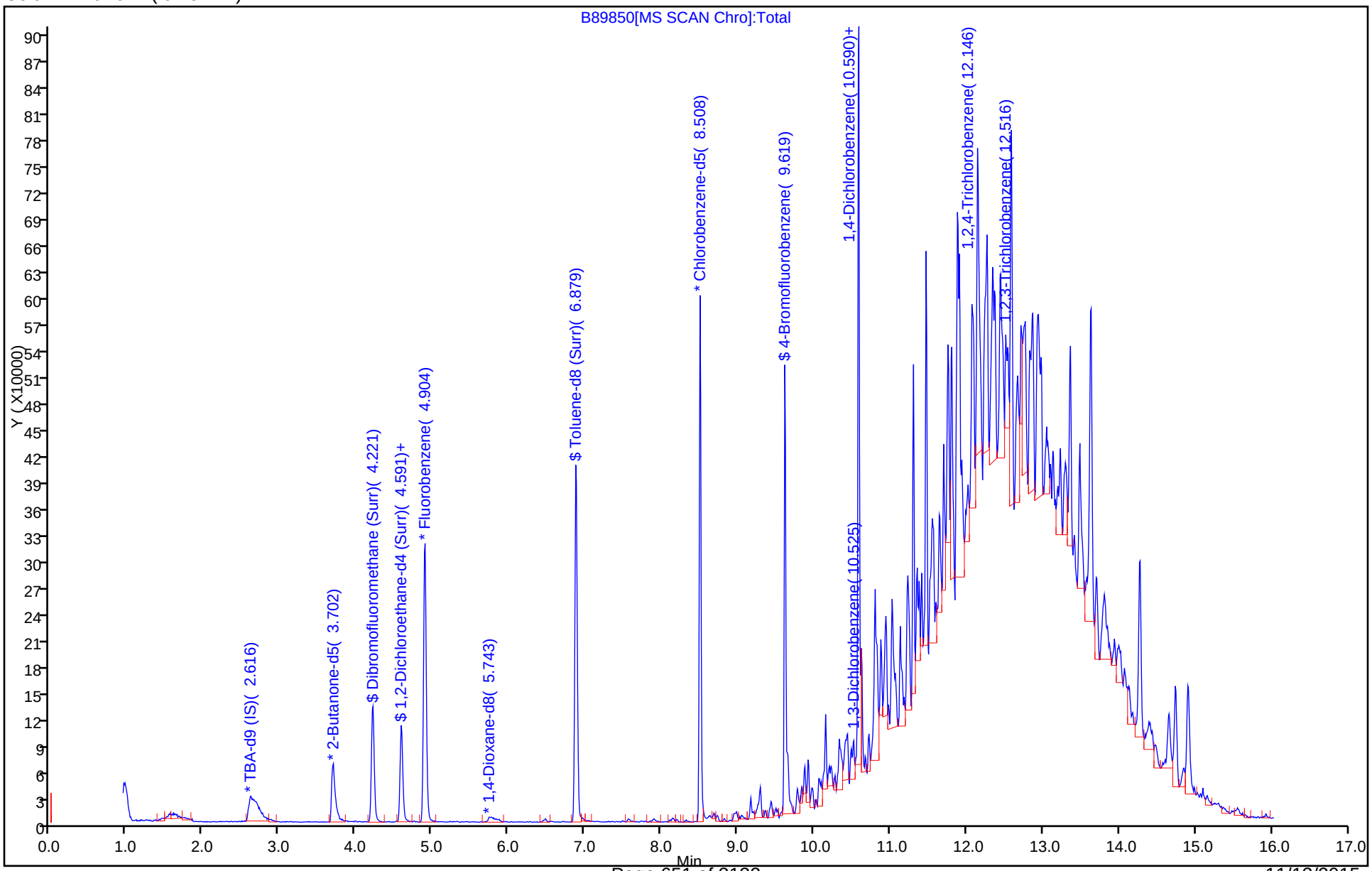
Report Date: 12-Nov-2015 13:54:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14	Worklist Smp#:	13
Client ID:	PMP-5-NW2-S				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	12
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

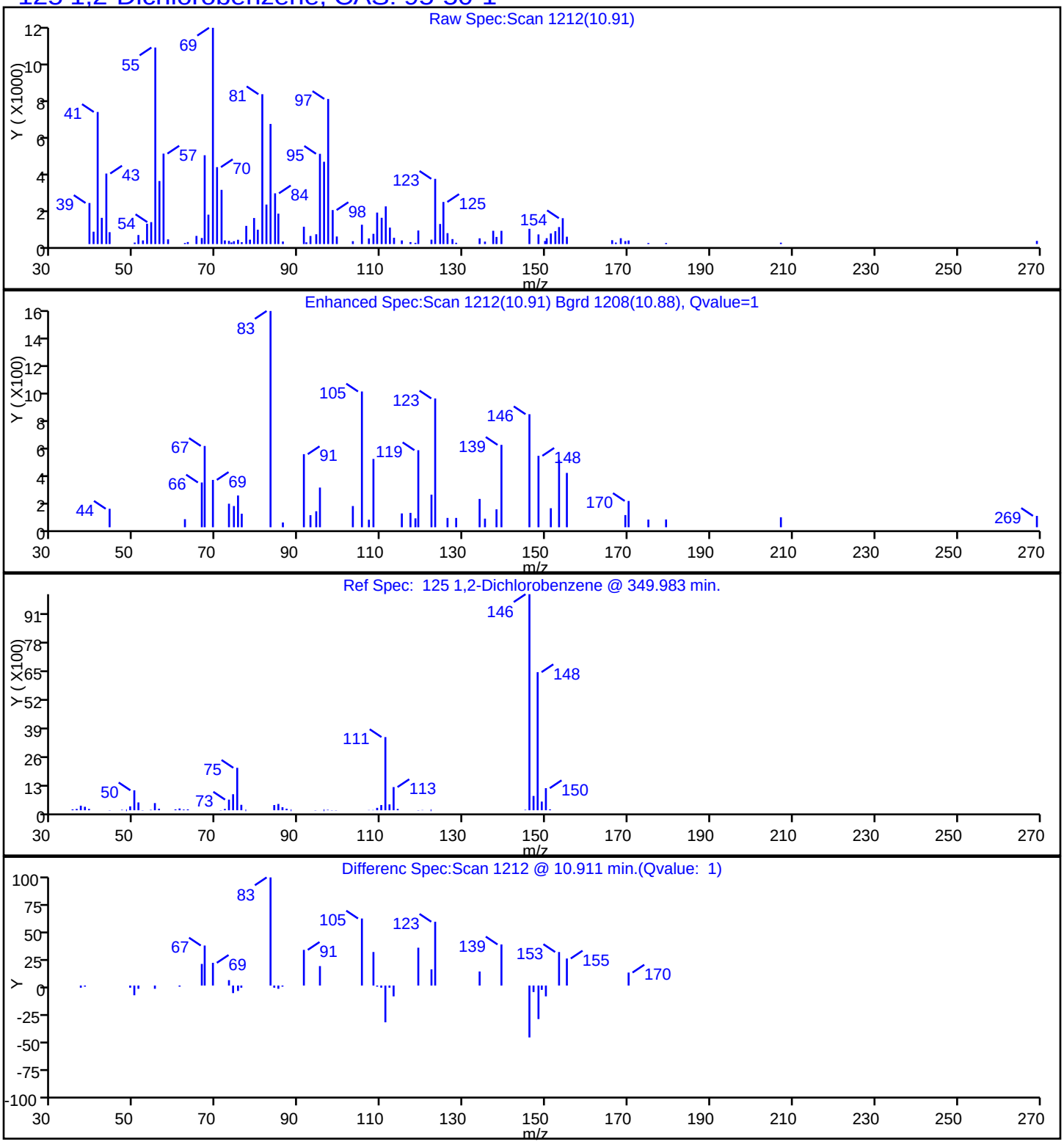
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D		
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

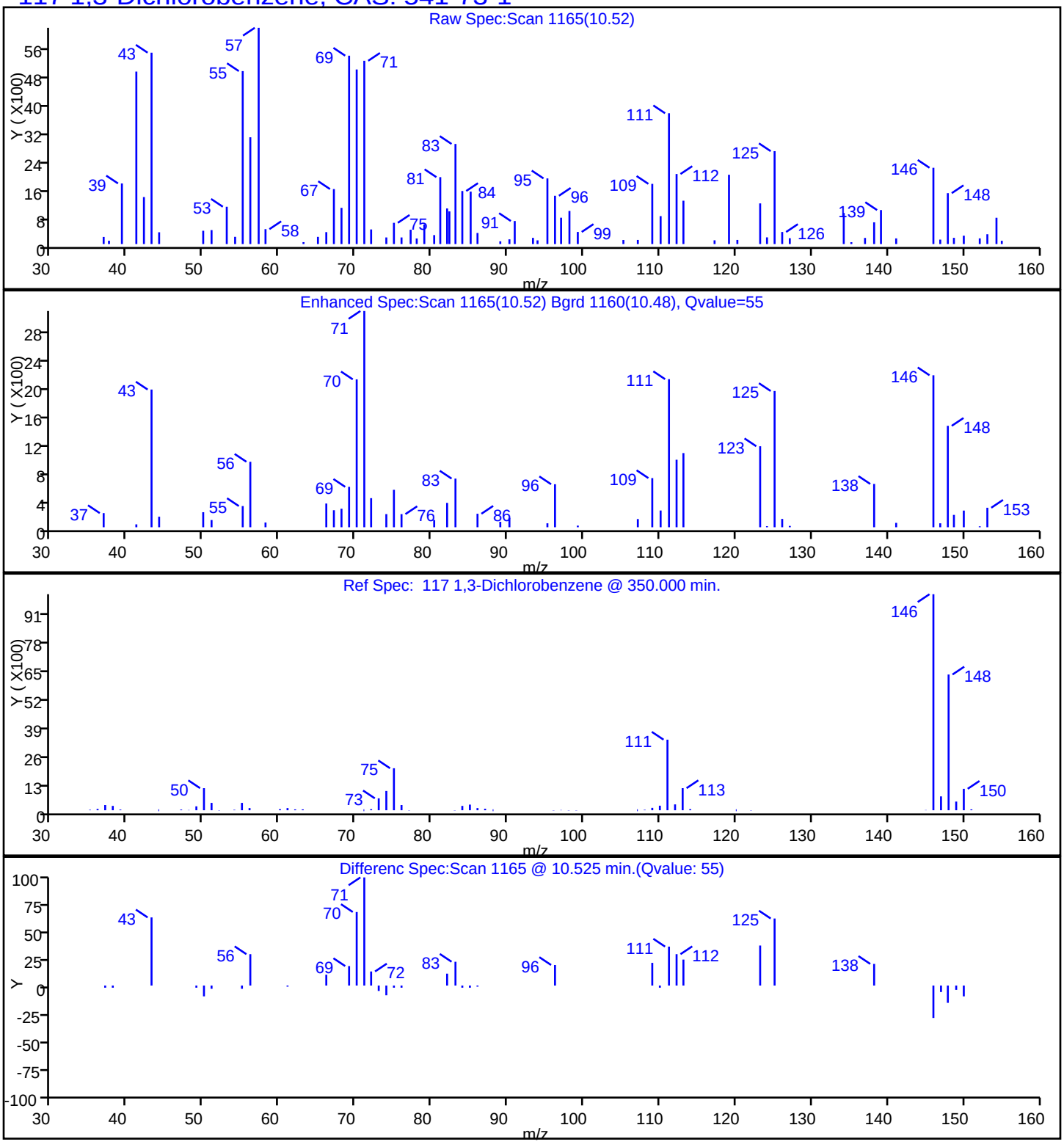
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D		
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

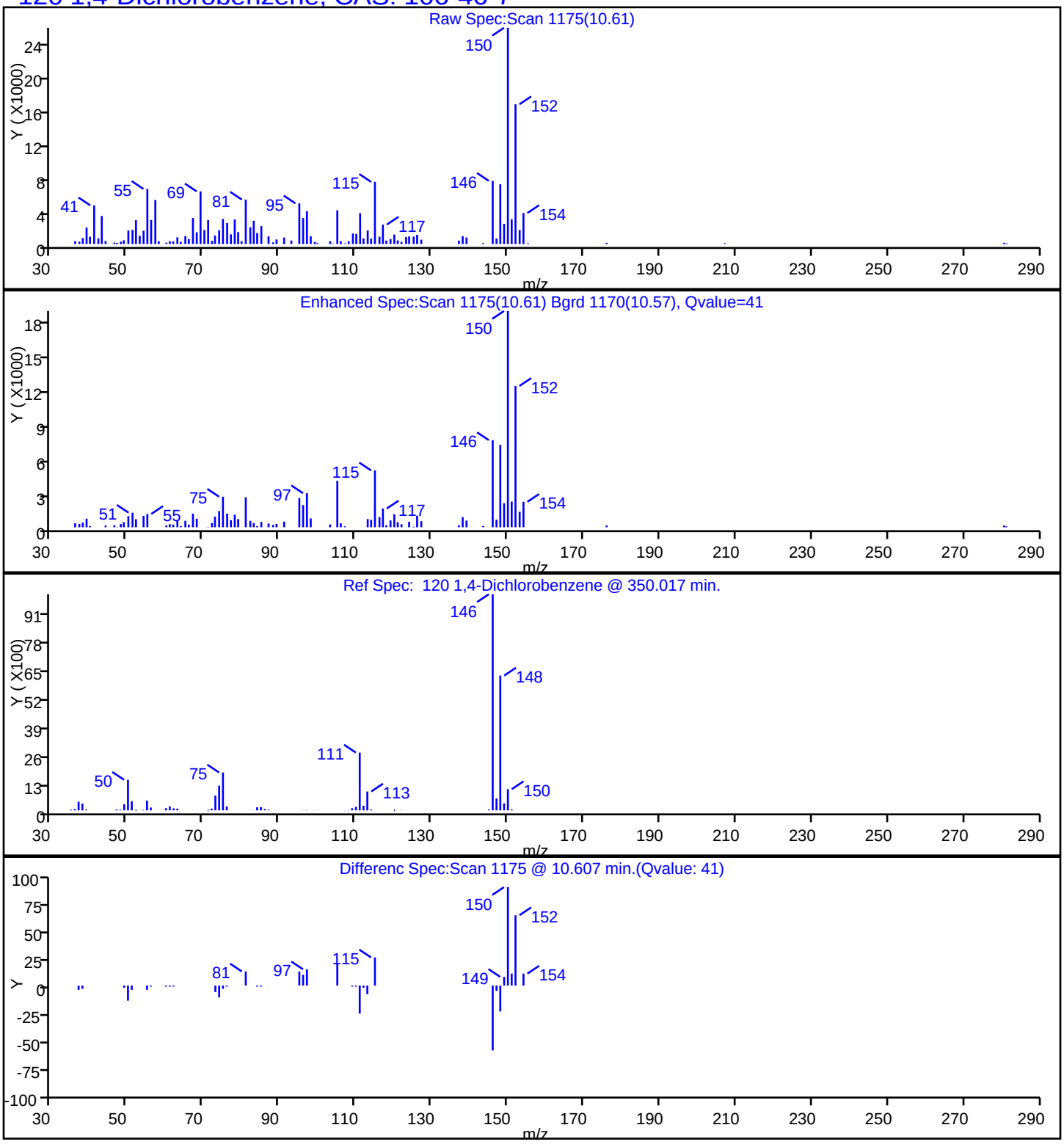
117 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D		
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

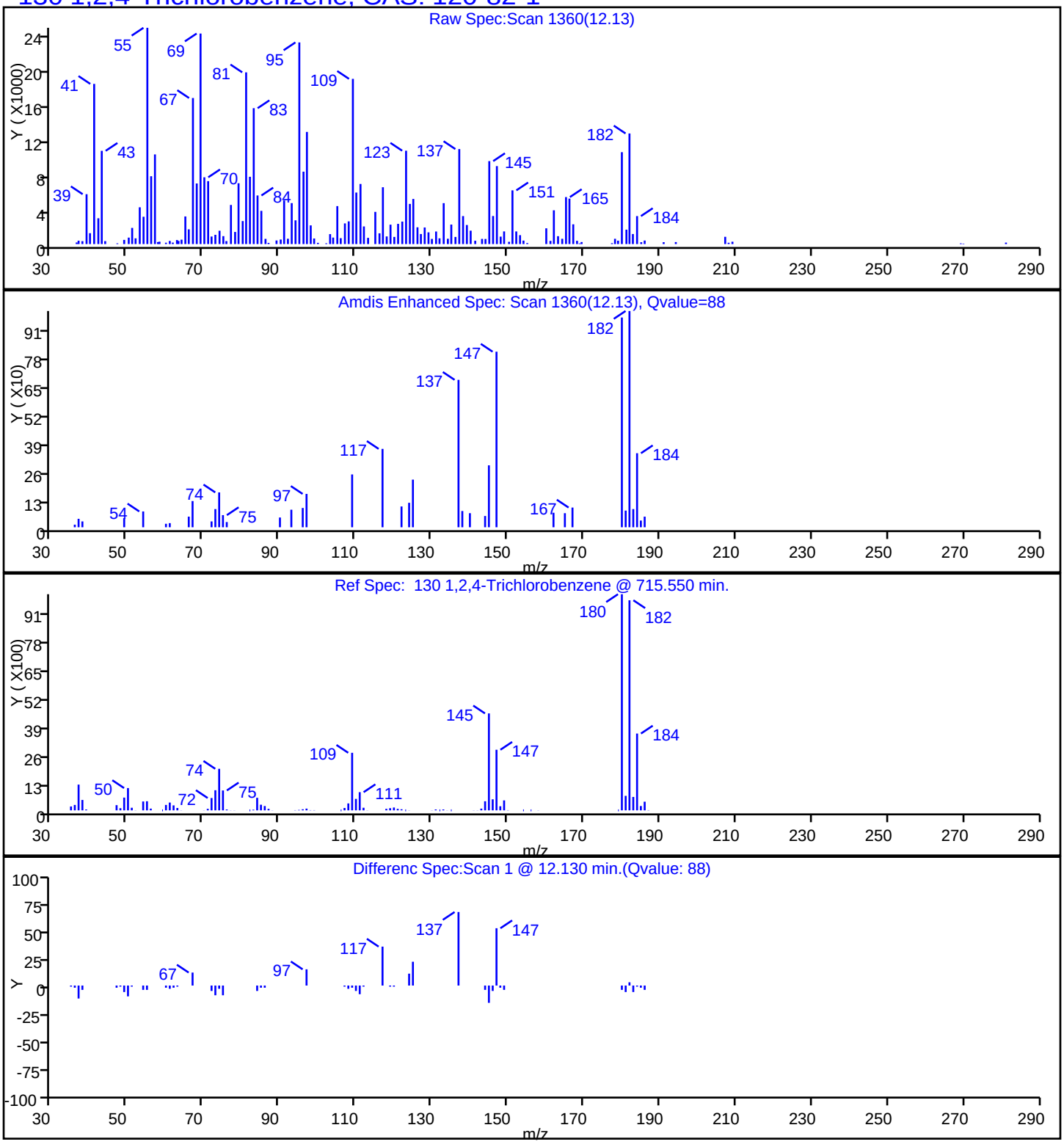
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D		
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

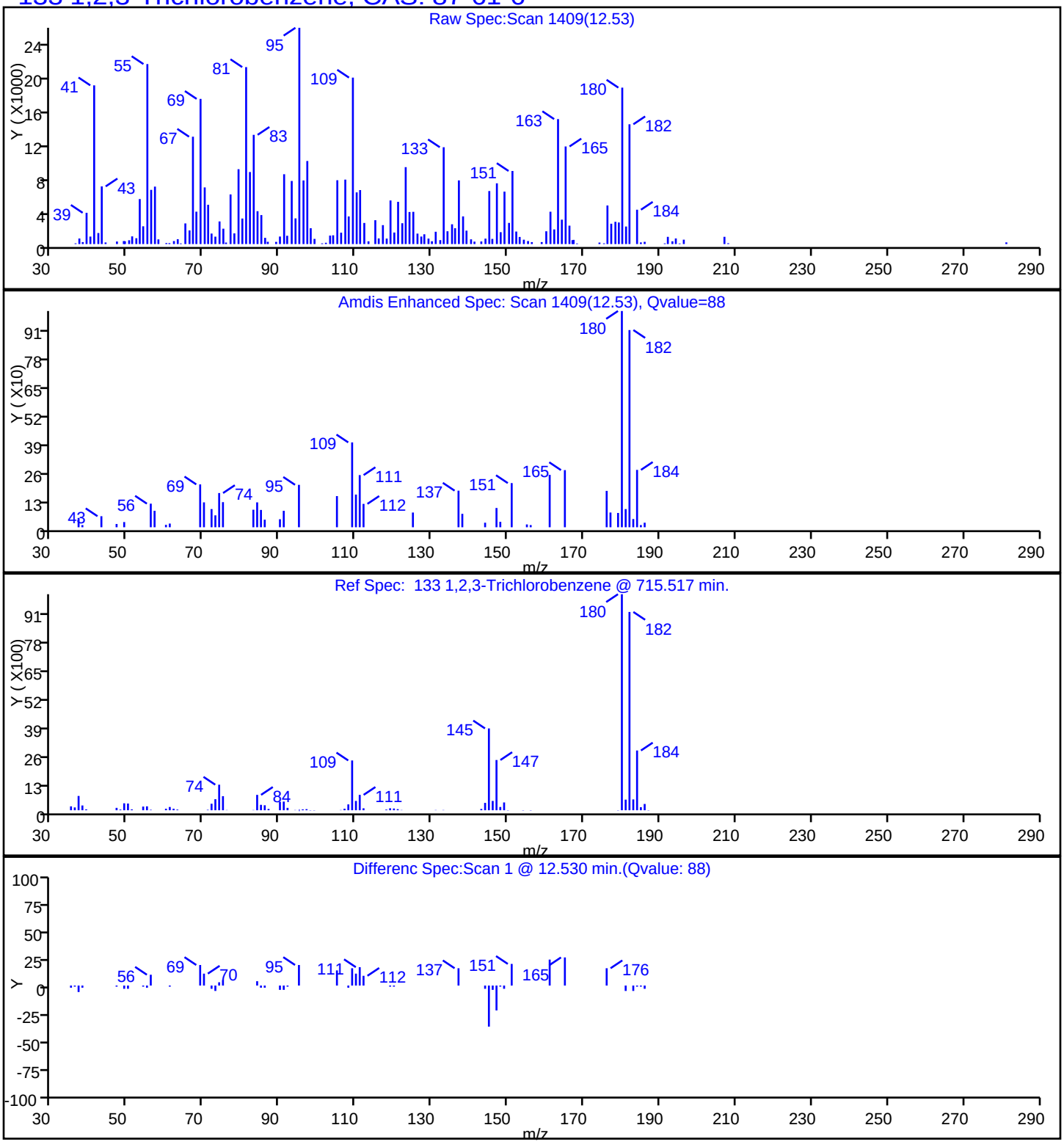
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D				
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6



Report Date: 12-Nov-2015 13:54:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date: 11-Nov-2015 13:59:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-14-A Lab Sample ID: 460-104096-14

Client ID: PMP-5-NW2-S

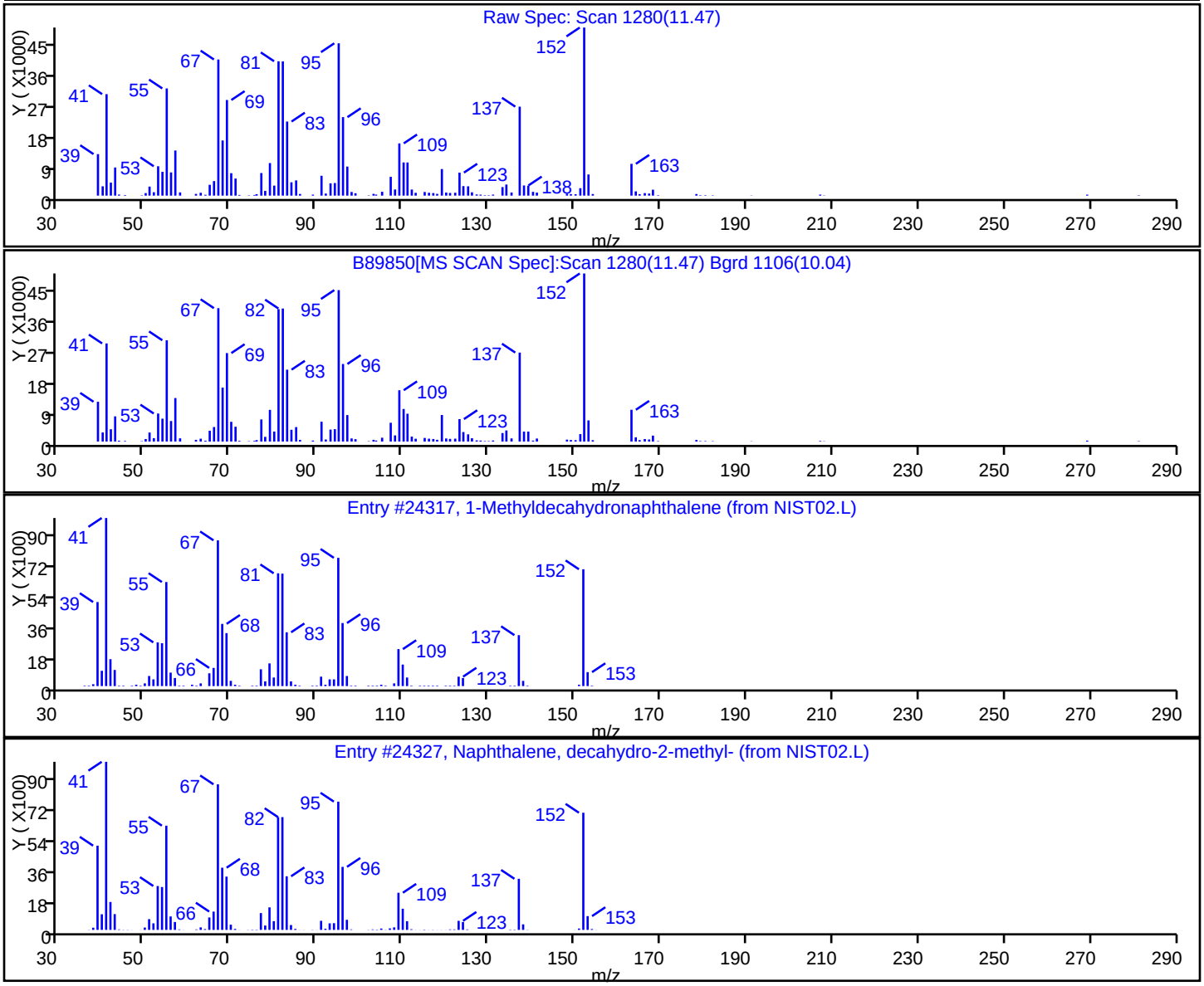
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	91
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	91



Report Date: 12-Nov-2015 13:54:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date: 11-Nov-2015 13:59:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-14-A Lab Sample ID: 460-104096-14

Client ID: PMP-5-NW2-S

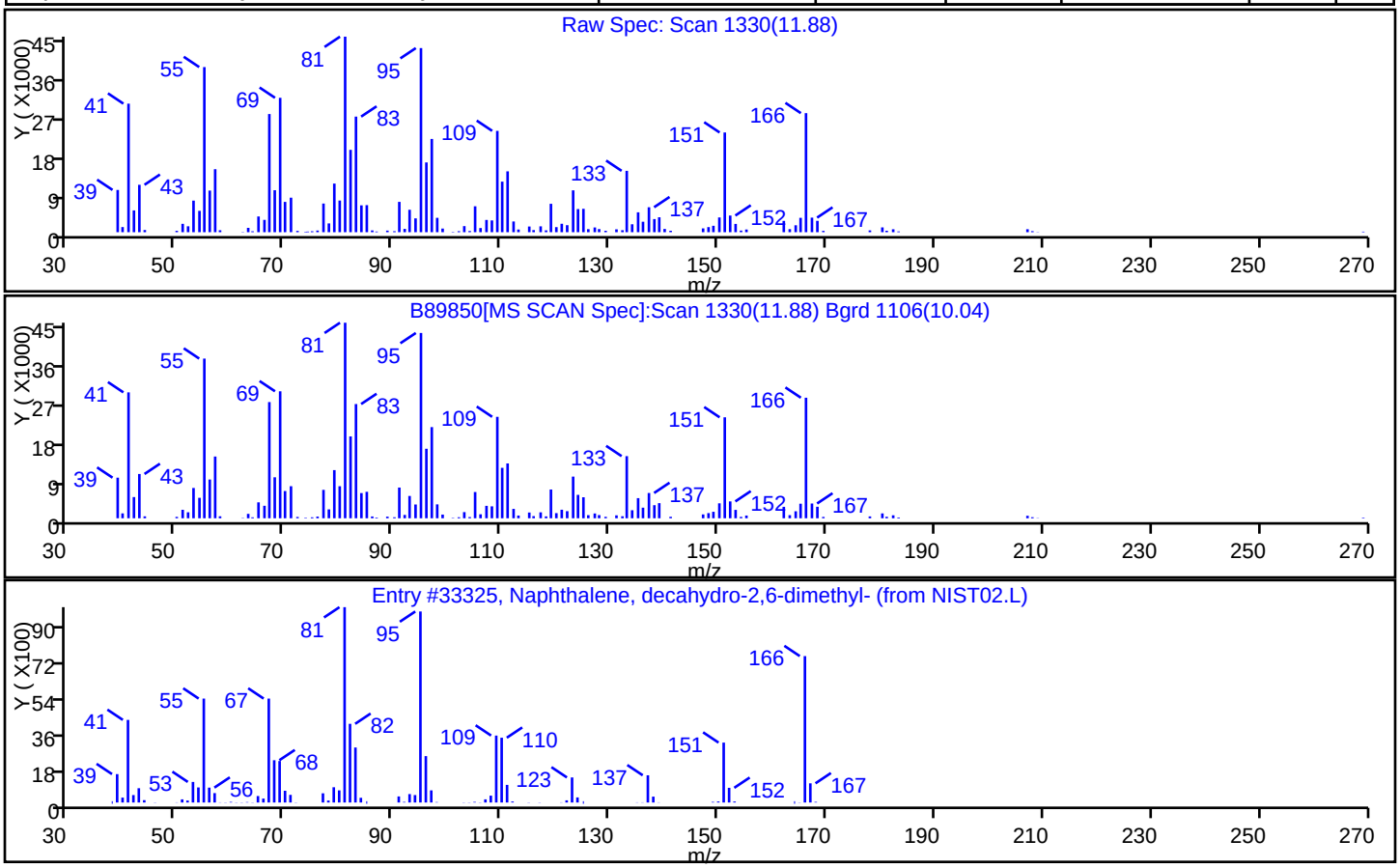
Operator ID: ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

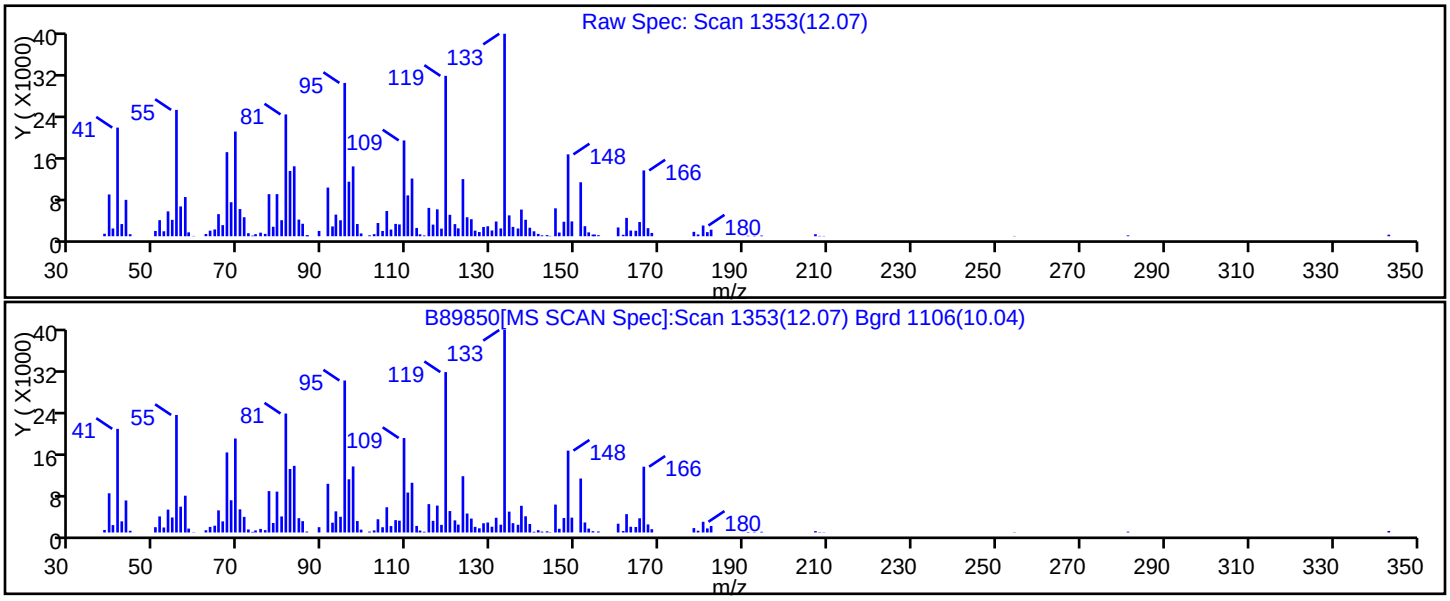
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	91



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D		
Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

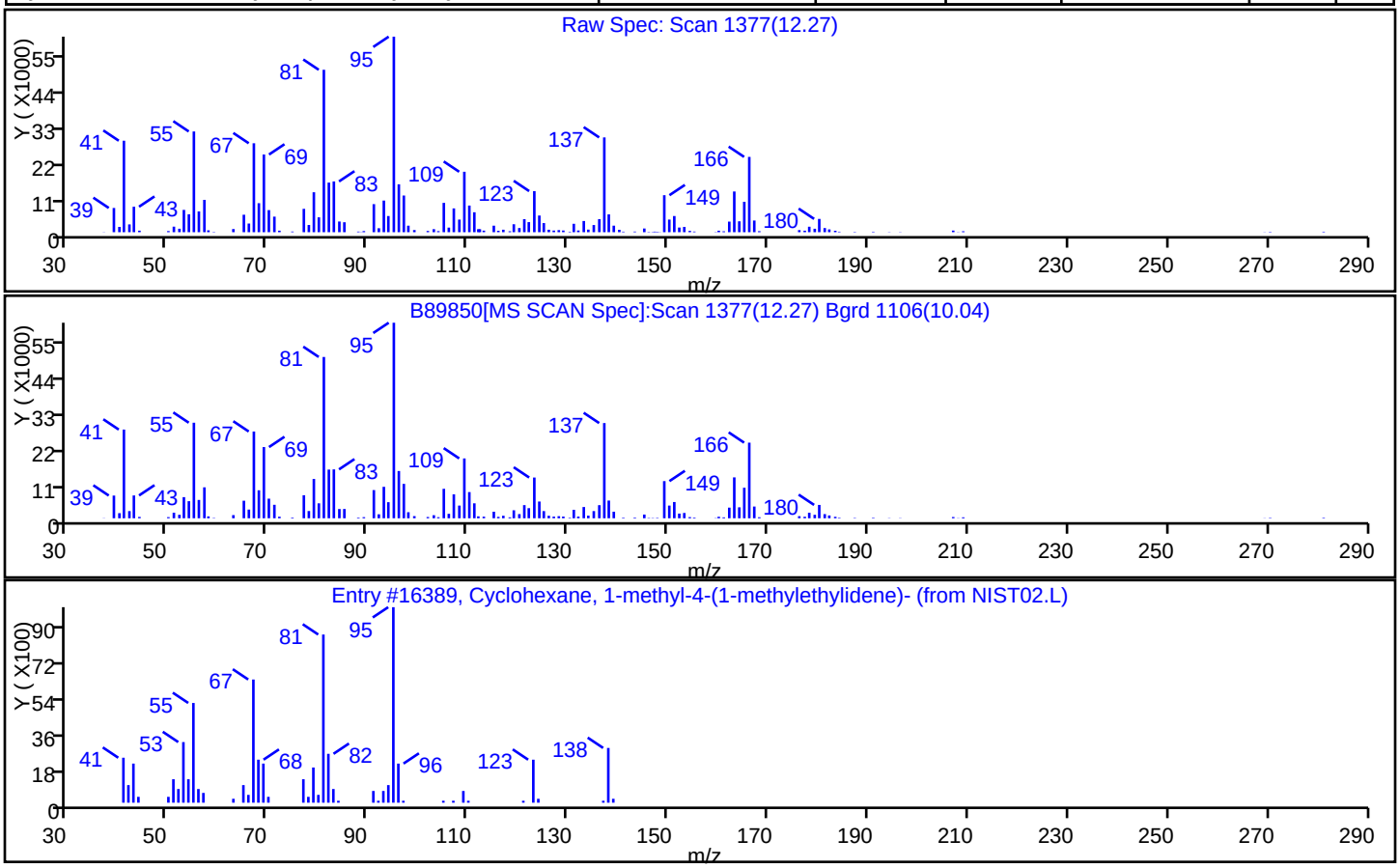


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1-methyl-4-(1-methylethylid	1124-27-2	NIST02.L	16389	C10H18	138	92



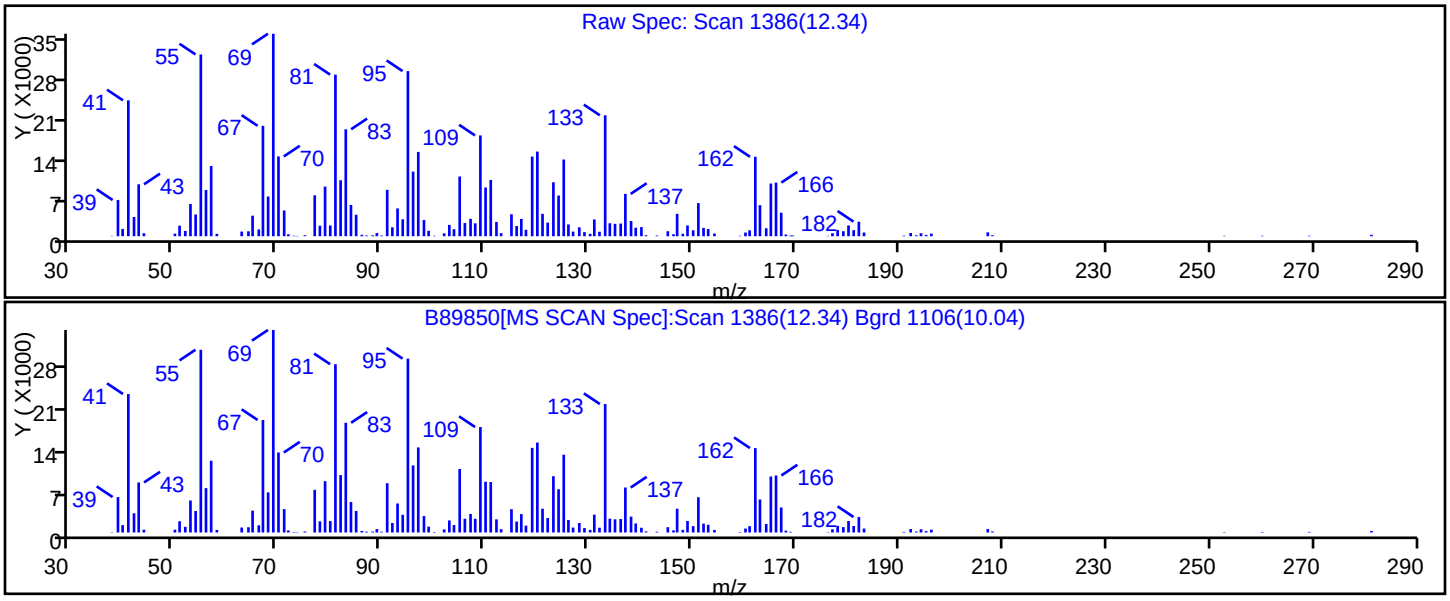
Report Date: 12-Nov-2015 13:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



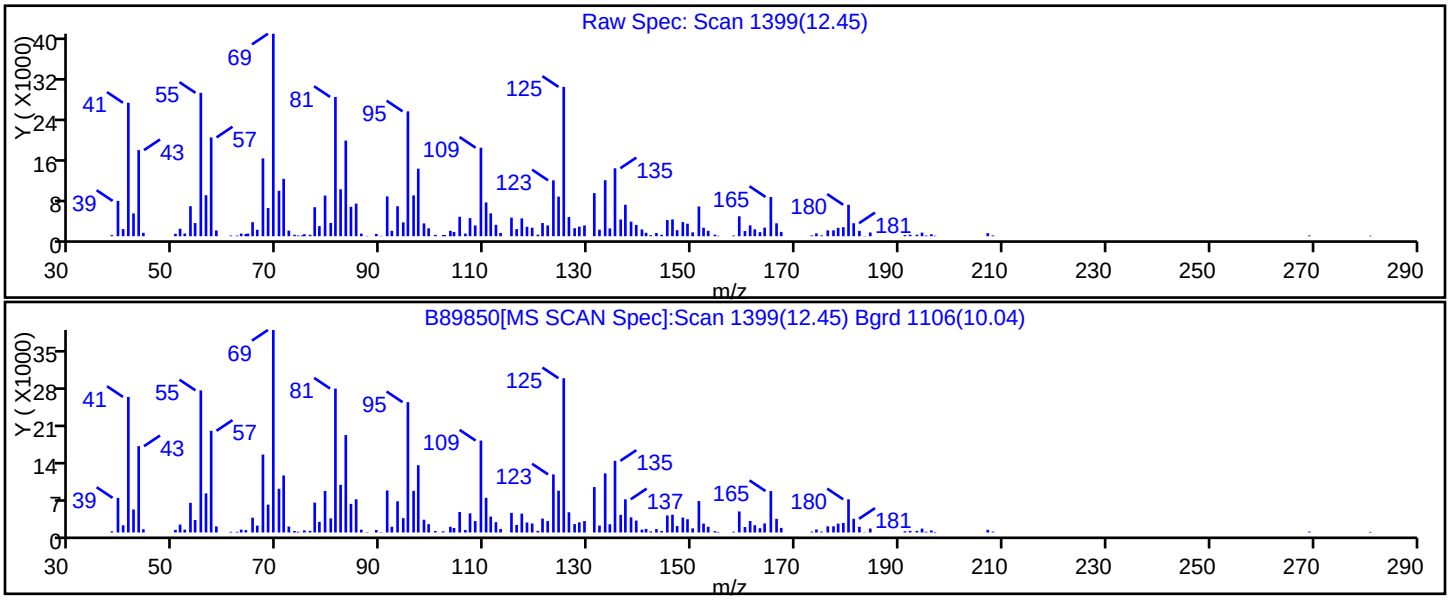
Report Date: 12-Nov-2015 13:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



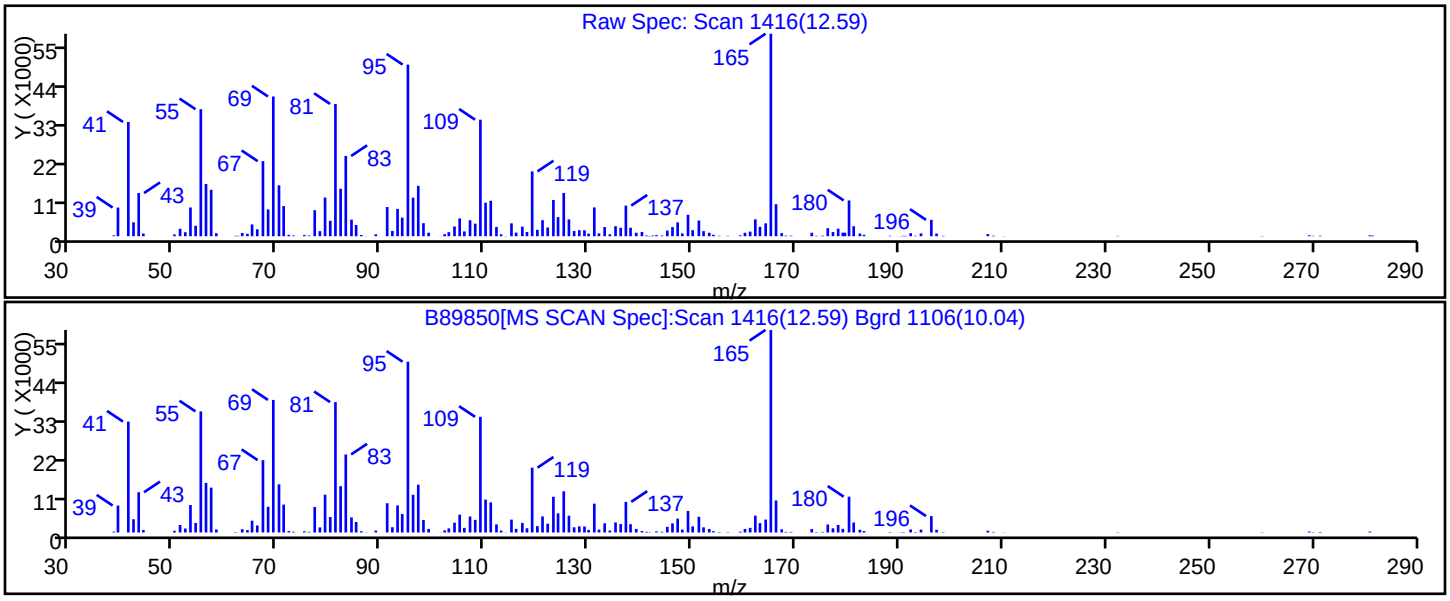
Report Date: 12-Nov-2015 13:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



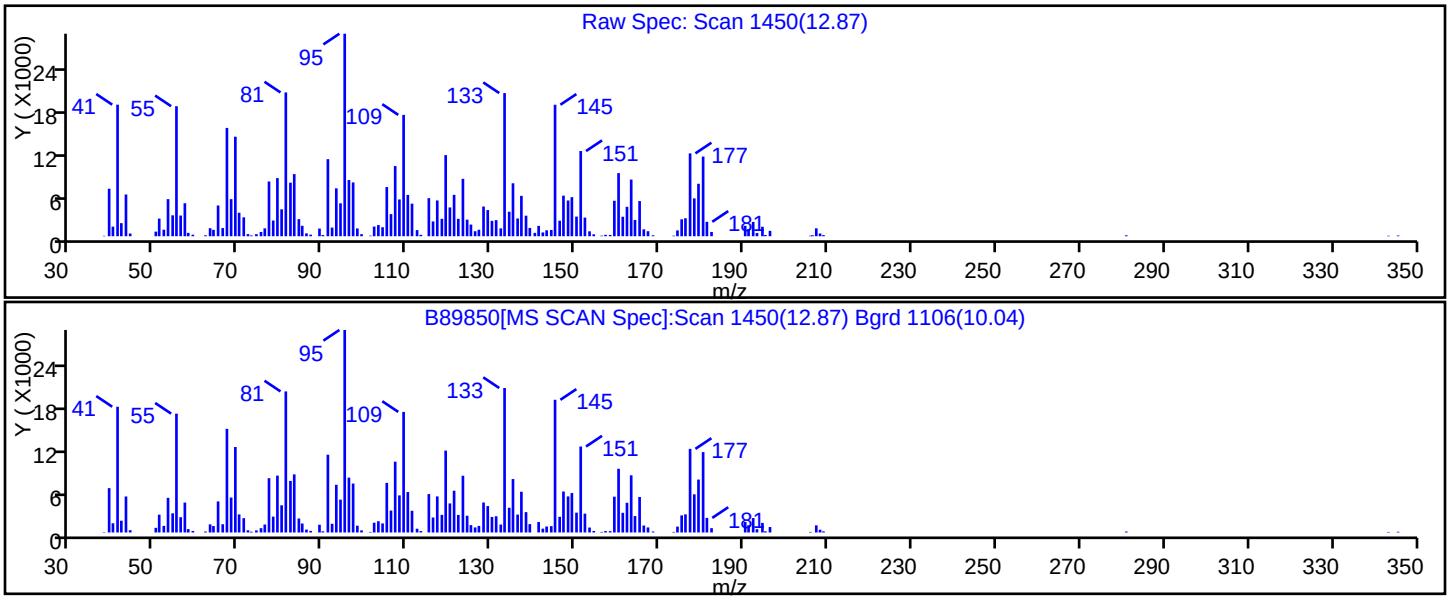
Report Date: 12-Nov-2015 13:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



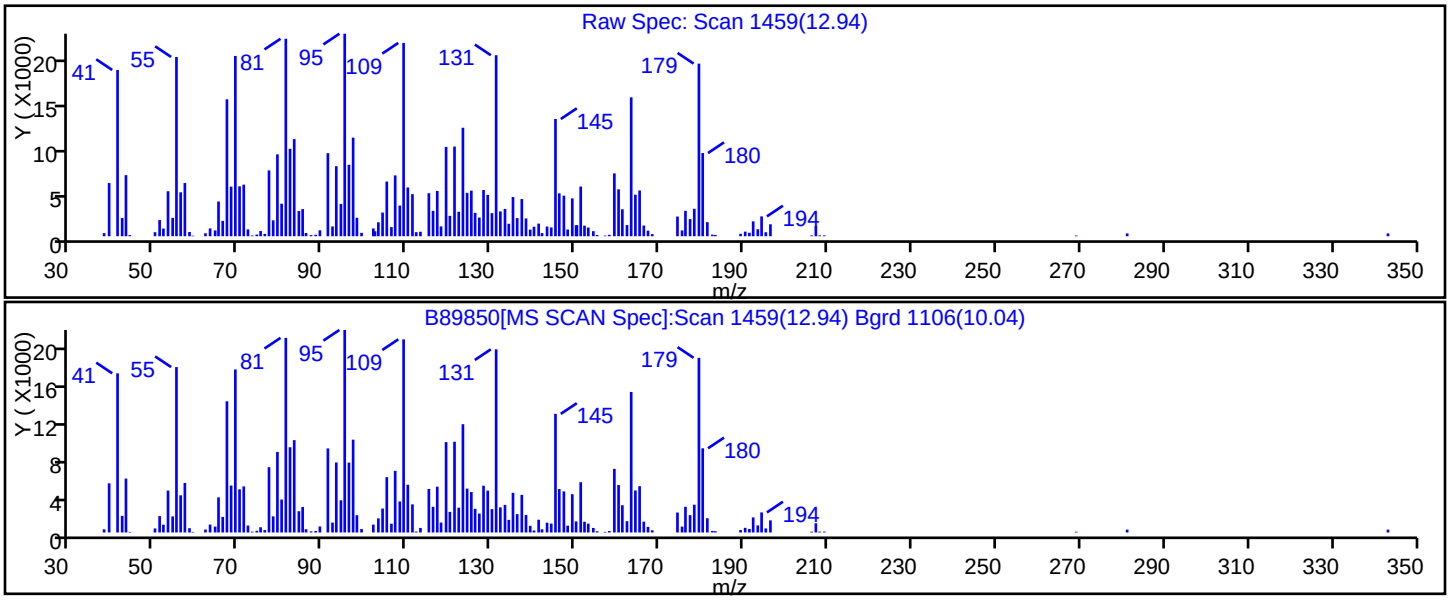
Report Date: 12-Nov-2015 13:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

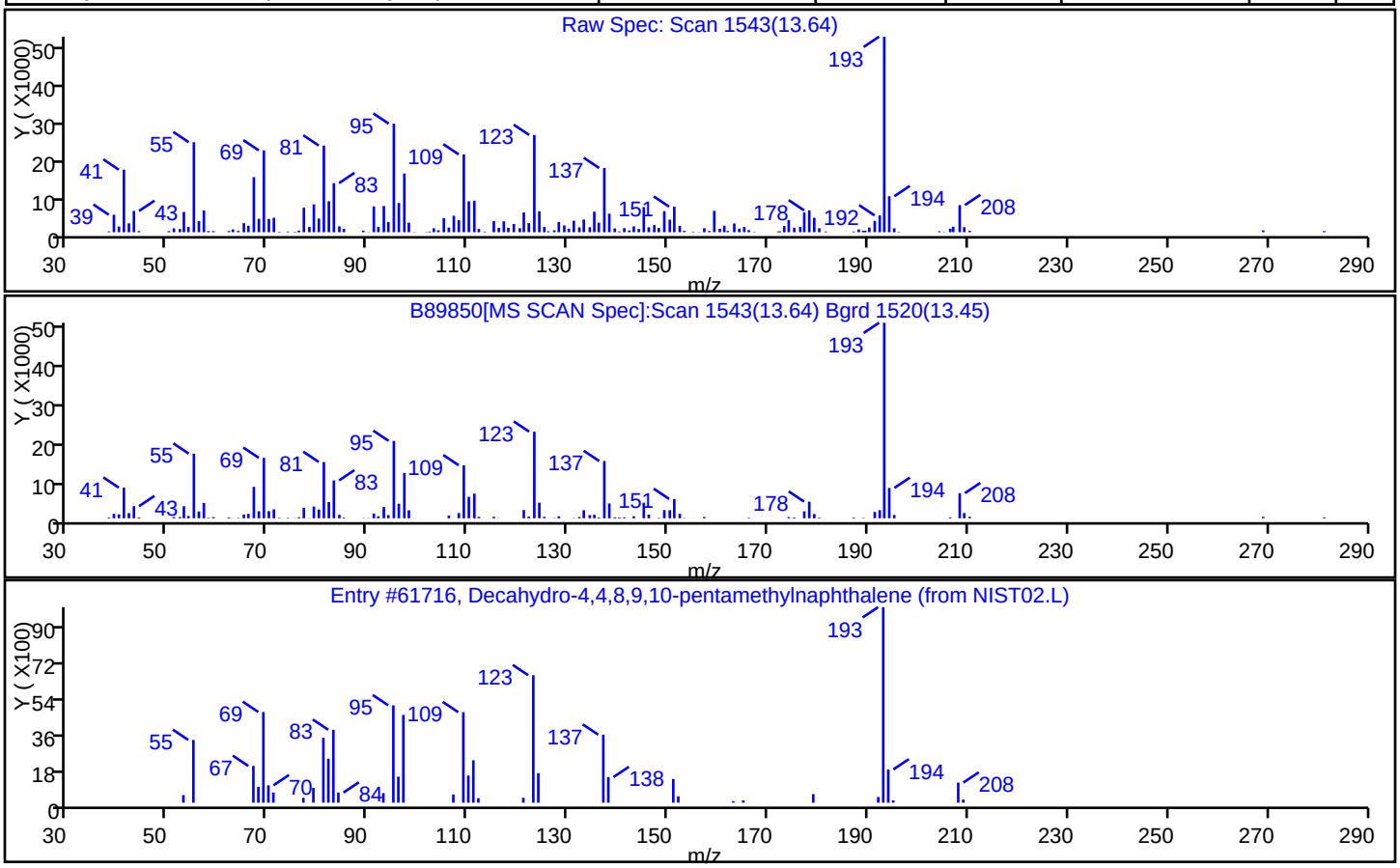


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89850.D

Injection Date:	11-Nov-2015 13:59:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-14-A	Lab Sample ID:	460-104096-14
Client ID:	PMP-5-NW2-S		
Operator ID:		ALS Bottle#:	12 Worklist Smp#: 13
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	95



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 | Lab Sample ID: 460-104096-15

Matrix: Solid | Lab File ID: B89719.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:12

Sample wt/vol: 6.334(g) | Date Analyzed: 11/08/2015 15:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20	U	91	20
74-83-9	Bromomethane	16	U	91	16
75-01-4	Vinyl chloride	18	U	91	18
75-00-3	Chloroethane	33	U	91	33
75-09-2	Methylene Chloride	19	U	91	19
67-64-1	Acetone	97	U	450	97
75-15-0	Carbon disulfide	20	U	91	20
75-69-4	Trichlorofluoromethane	14	U	91	14
75-35-4	1,1-Dichloroethene	31	U	91	31
75-34-3	1,1-Dichloroethane	22	U	91	22
156-60-5	trans-1,2-Dichloroethene	16	U	91	16
156-59-2	cis-1,2-Dichloroethene	24	U	91	24
67-66-3	Chloroform	20	U	91	20
78-93-3	2-Butanone	200	U	450	200
107-06-2	1,2-Dichloroethane	23	U	91	23
71-55-6	1,1,1-Trichloroethane	25	U	91	25
56-23-5	Carbon tetrachloride	30	U	91	30
71-43-2	Benzene	17	U	91	17
75-25-2	Bromoform	16	U	91	16
100-42-5	Styrene	15	U	91	15
100-41-4	Ethylbenzene	76	J	91	27
108-90-7	Chlorobenzene	22	U	91	22
110-82-7	Cyclohexane	24	U	91	24
98-82-8	Isopropylbenzene	63	J	91	29
591-78-6	2-Hexanone	65	U	450	65
1634-04-4	MTBE	12	U	91	12
76-13-1	Freon TF	31	U	91	31
79-20-9	Methyl acetate	53	U	450	53
123-91-1	1,4-Dioxane	790	U *	2300	790
79-01-6	Trichloroethene	20	U	91	20
108-88-3	Toluene	23	U	91	23
10061-02-6	trans-1,3-Dichloropropene	17	U	91	17
108-10-1	4-Methyl-2-pentanone	57	U	450	57
10061-01-5	cis-1,3-Dichloropropene	14	U	91	14
95-50-1	1,2-Dichlorobenzene	190		91	20
541-73-1	1,3-Dichlorobenzene	230		91	30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 | Lab Sample ID: 460-104096-15

Matrix: Solid | Lab File ID: B89719.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:12

Sample wt/vol: 6.334(g) | Date Analyzed: 11/08/2015 15:42

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	910		91	30
120-82-1	1,2,4-Trichlorobenzene	1000		91	24
87-61-6	1,2,3-Trichlorobenzene	750		91	32
78-87-5	1,2-Dichloropropane	16	U	91	16
108-87-2	Methylcyclohexane	160		91	20
127-18-4	Tetrachloroethene	33	U	91	33
1330-20-7	Xylenes, Total	350		180	25
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	91	21
79-34-5	1,1,2,2-Tetrachloroethane	17	U	91	17
79-00-5	1,1,2-Trichloroethane	7.2	U	91	7.2
124-48-1	Dibromochloromethane	20	U	91	20
106-93-4	1,2-Dibromoethane	17	U	91	17
75-71-8	Dichlorodifluoromethane	13	U	91	13
74-97-5	Bromochloromethane	27	U	91	27
75-27-4	Bromodichloromethane	14	U	91	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		69-145
2037-26-5	Toluene-d8 (Surr)	131		72-136
460-00-4	Bromofluorobenzene	126		64-131
1868-53-7	Dibromofluoromethane (Surr)	126		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 Lab Sample ID: 460-104096-15

Matrix: Solid Lab File ID: B89719.D

Analysis Method: 8260C Date Collected: 11/05/2015 10:12

Sample wt/vol: 6.334(g) Date Analyzed: 11/08/2015 15:42

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 12.8 Level: (low/med) Medium

Analysis Batch No.: 333935 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 88000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
124-18-5	Decane	9.91	7900	J N
1678-98-4	Cyclohexane, (2-methylpropyl)-	10.39	6300	J N
91-17-8	Naphthalene, decahydro-	10.79	11000	J N
	Unknown	11.01	6900	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	8500	J N
	Unknown	11.33	7300	J
	Unknown	11.45	9300	J
112-40-3	Dodecane	11.69	6800	J N
	Unknown	11.87	13000	J
	Unknown	12.16	11000	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D
Lims ID: 460-104096-A-15-A Lab Sample ID: 460-104096-15
Client ID: PMP-5-NW2-12.75
Sample Type: Client
Inject. Date: 08-Nov-2015 15:42:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-15-A
Misc. Info.: 460-0033958-021
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:43:00 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 12:43:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.599	0.008	86	129202	1000.0	
* 158 2-Butanone-d5	46	3.669	3.677	-0.008	98	123944	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	91	109160	63.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	95	104882	59.3	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	341105	50.0	
66 Methylcyclohexane	83	5.430	5.414	0.016	52	2932	1.81	M
* 69 1,4-Dioxane-d8	96	5.735	5.718	0.017	87	15211	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	99	373111	65.4	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	290746	50.0	
93 Ethylbenzene	106	8.607	8.607	0.000	79	2295	0.8434	
95 m-Xylene & p-Xylene	106	8.730	8.722	0.008	92	5081	1.48	
96 o-Xylene	106	9.101	9.101	0.000	95	8524	2.42	
101 Isopropylbenzene	105	9.430	9.422	0.008	50	4982	0.6954	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	156503	63.1	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	48	10797	2.51	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.566	0.008	92	183344	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	94	45763	10.1	
125 1,2-Dichlorobenzene	146	10.895	10.886	0.009	89	9667	2.12	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	31462	11.4	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	83	21182	8.32	
S 135 Xylenes, Total	100				0		3.90	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D
Lims ID: 460-104096-A-15-A Lab Sample ID: 460-104096-15
Client ID: PMP-5-NW2-12.75
Sample Type: Client
Inject. Date: 08-Nov-2015 15:42:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-15-A
Misc. Info.: 460-0033958-021
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:43:00 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 12:43:00

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
124-18-5 Decane								
9.907	1625692	86.9	119	94	18421	C10H22	142	
1678-98-4 Cyclohexane, (2-methylpropyl)-								
10.393	1303513	69.7	119	86	17356	C10H20	140	
91-17-8 Naphthalene, decahydro-								
10.788	2186812	116.9	119	94	16283	C10H18	138	
Unknown								
11.010	1419650	75.9	119					
1000152-47-3 trans-Decalin, 2-methyl-								
11.290	1759538	94.1	119	96	24310	C11H20	152	
Unknown								
11.331	1503662	80.4	119					
Unknown								
11.454	1911149	102.2	119					
112-40-3 Dodecane								
11.685	1405989	75.2	119	97	36159	C12H26	170	
Unknown								
11.866	2718403	145.4	119					
Unknown								
12.162	2202781	117.8	119					

Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.574	935013	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

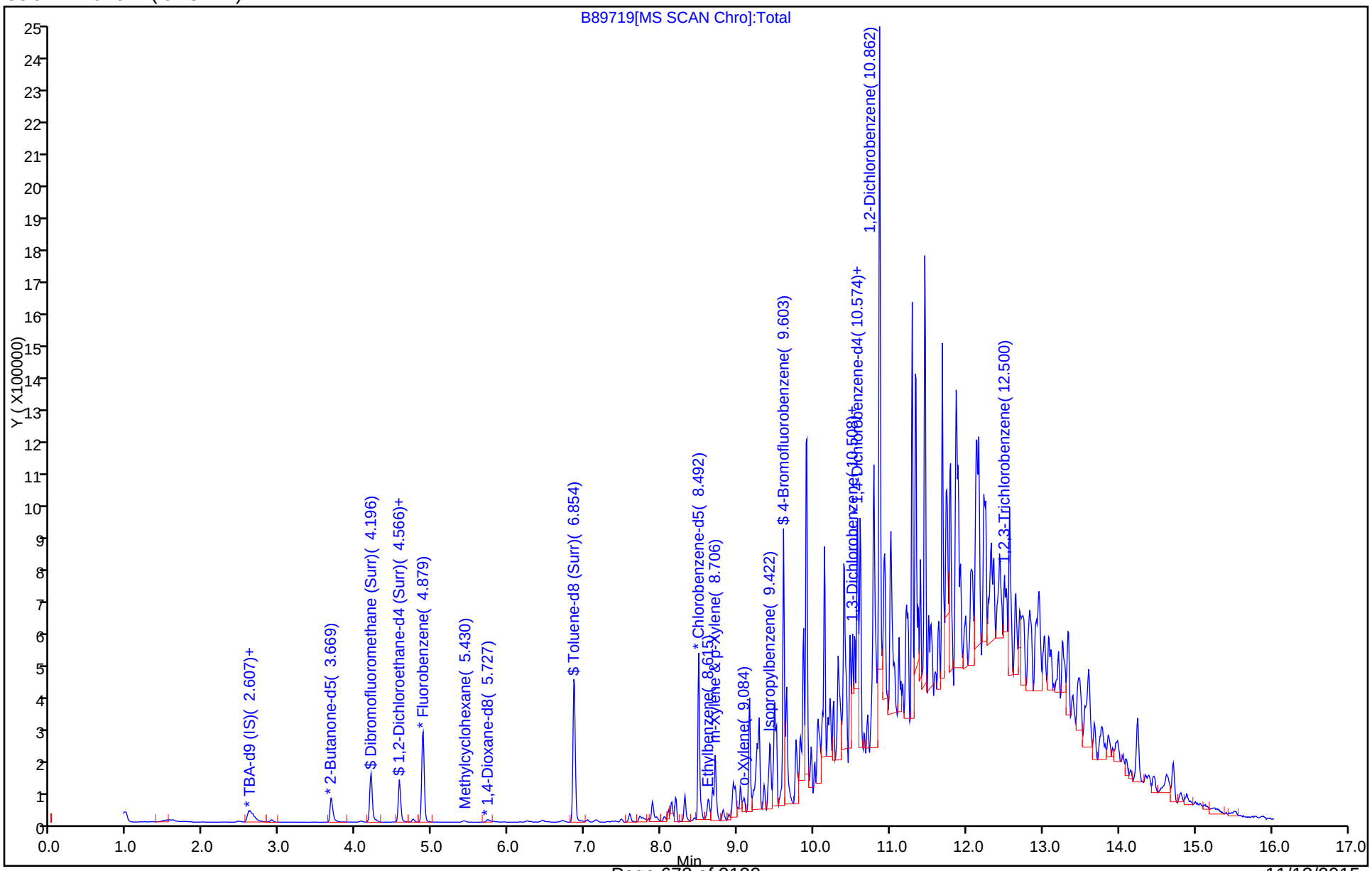
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15	Worklist Smp#:	21
Client ID:	PMP-5-NW2-12.75				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	20
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

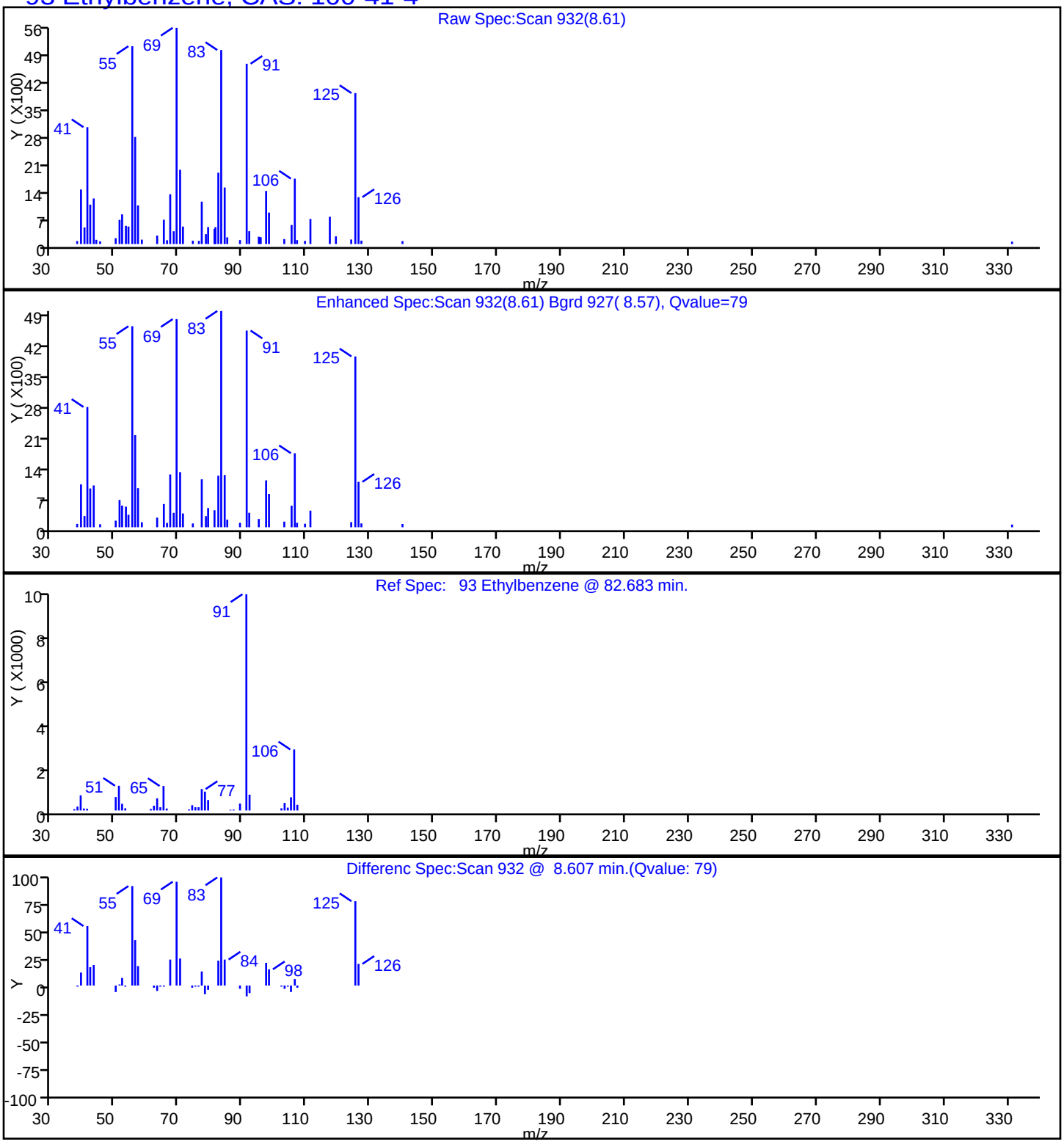
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

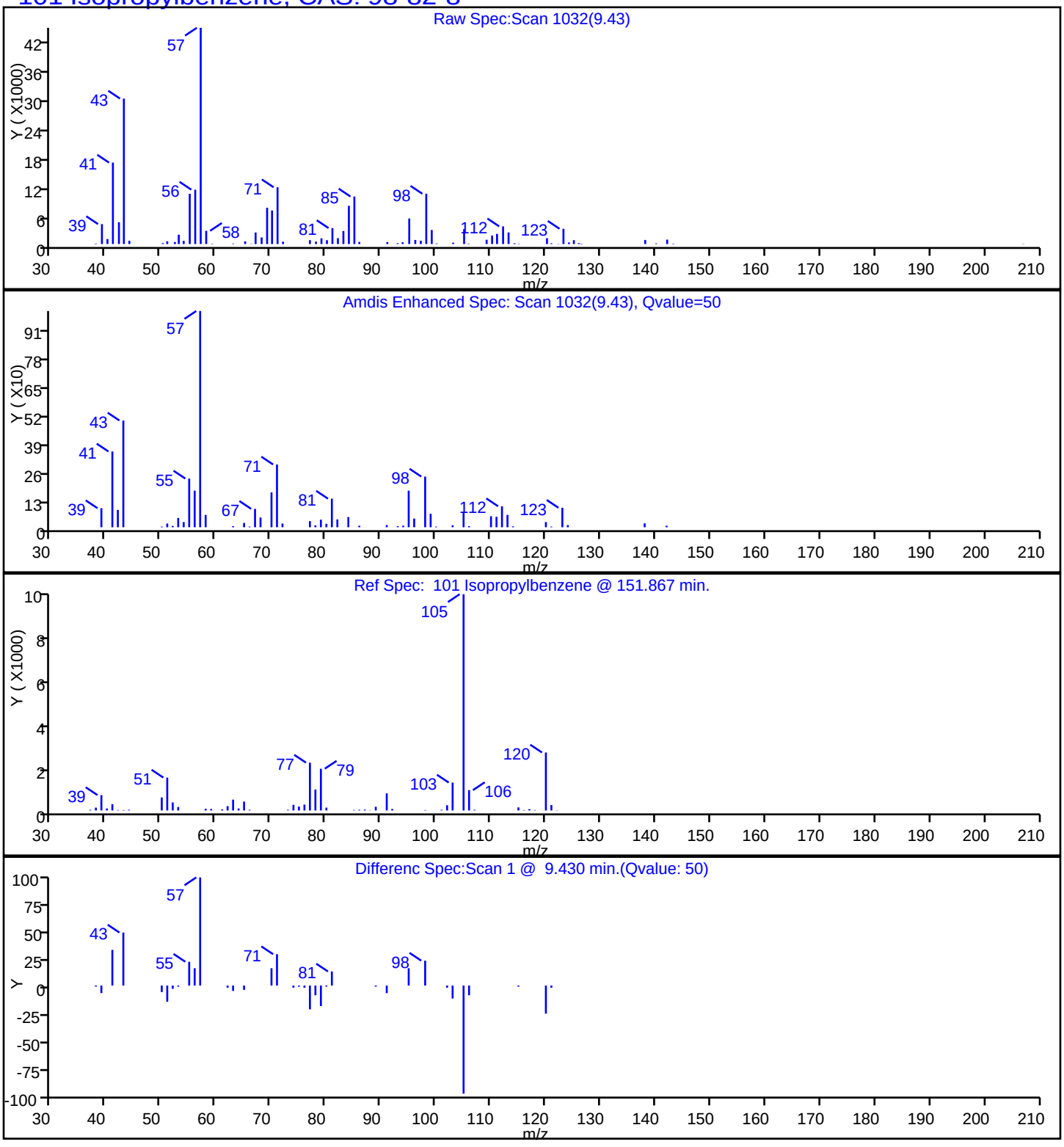
93 Ethylbenzene, CAS: 100-41-4



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D				
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

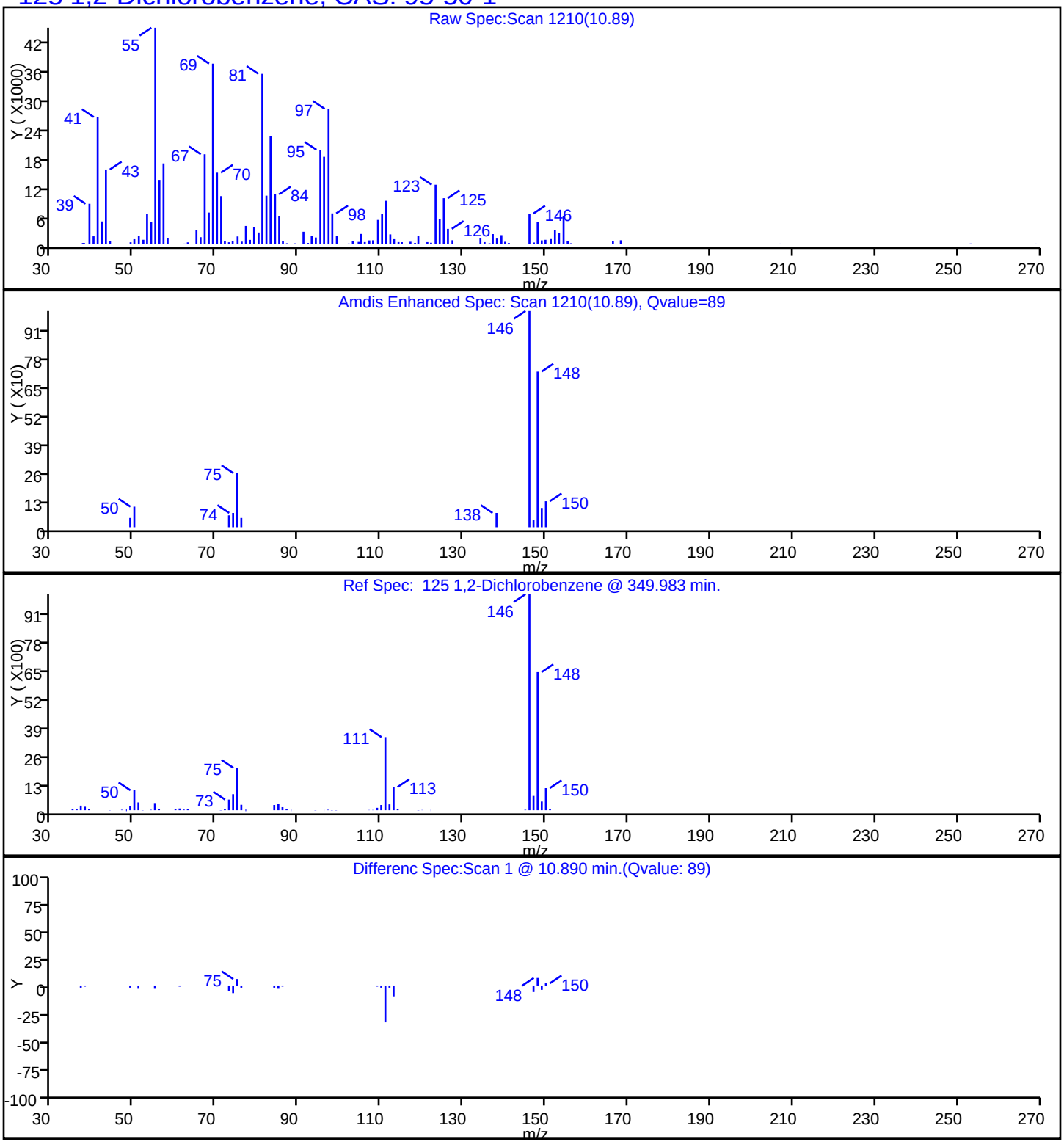
101 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D				
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

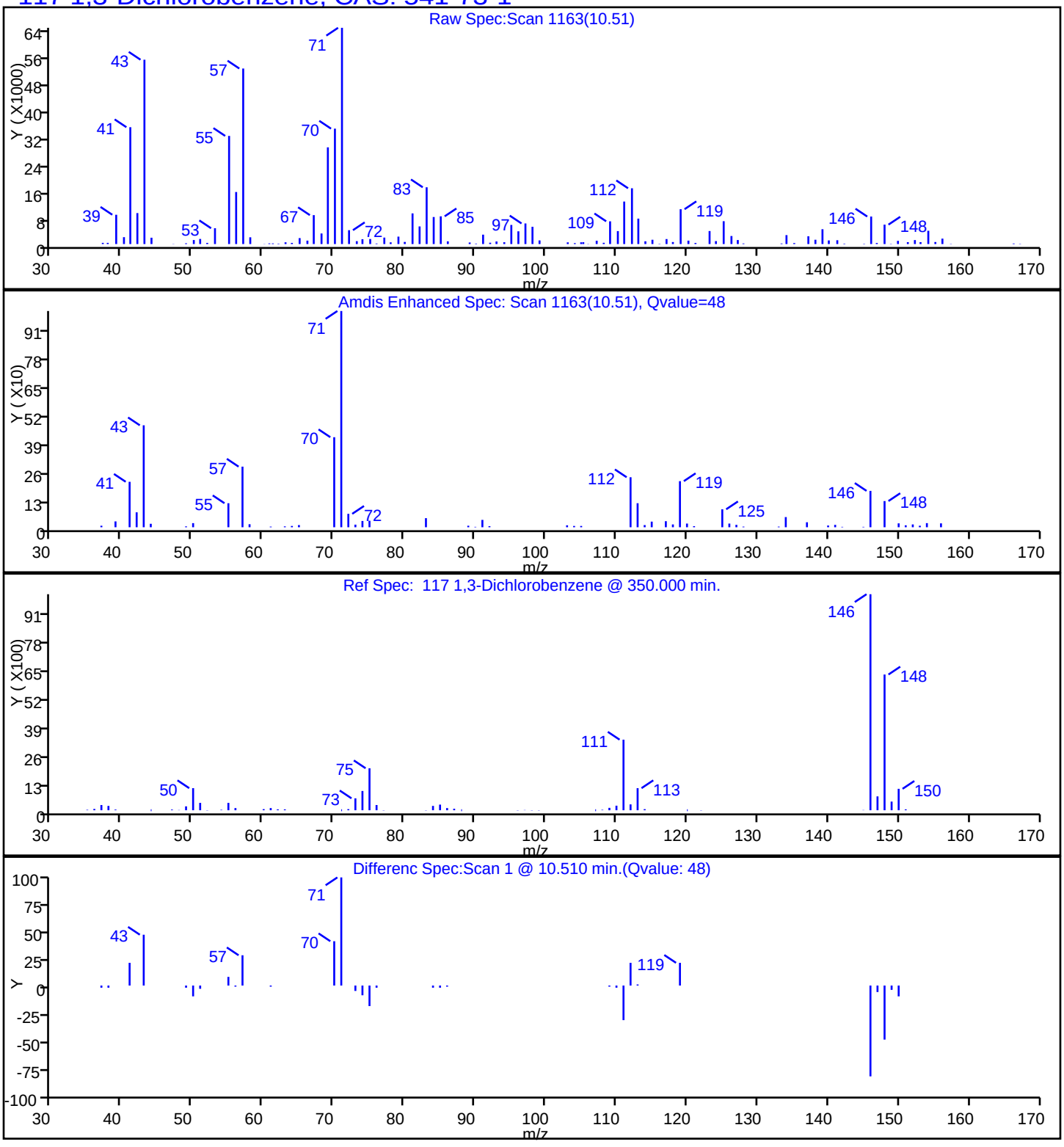
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

117 1,3-Dichlorobenzene, CAS: 541-73-1



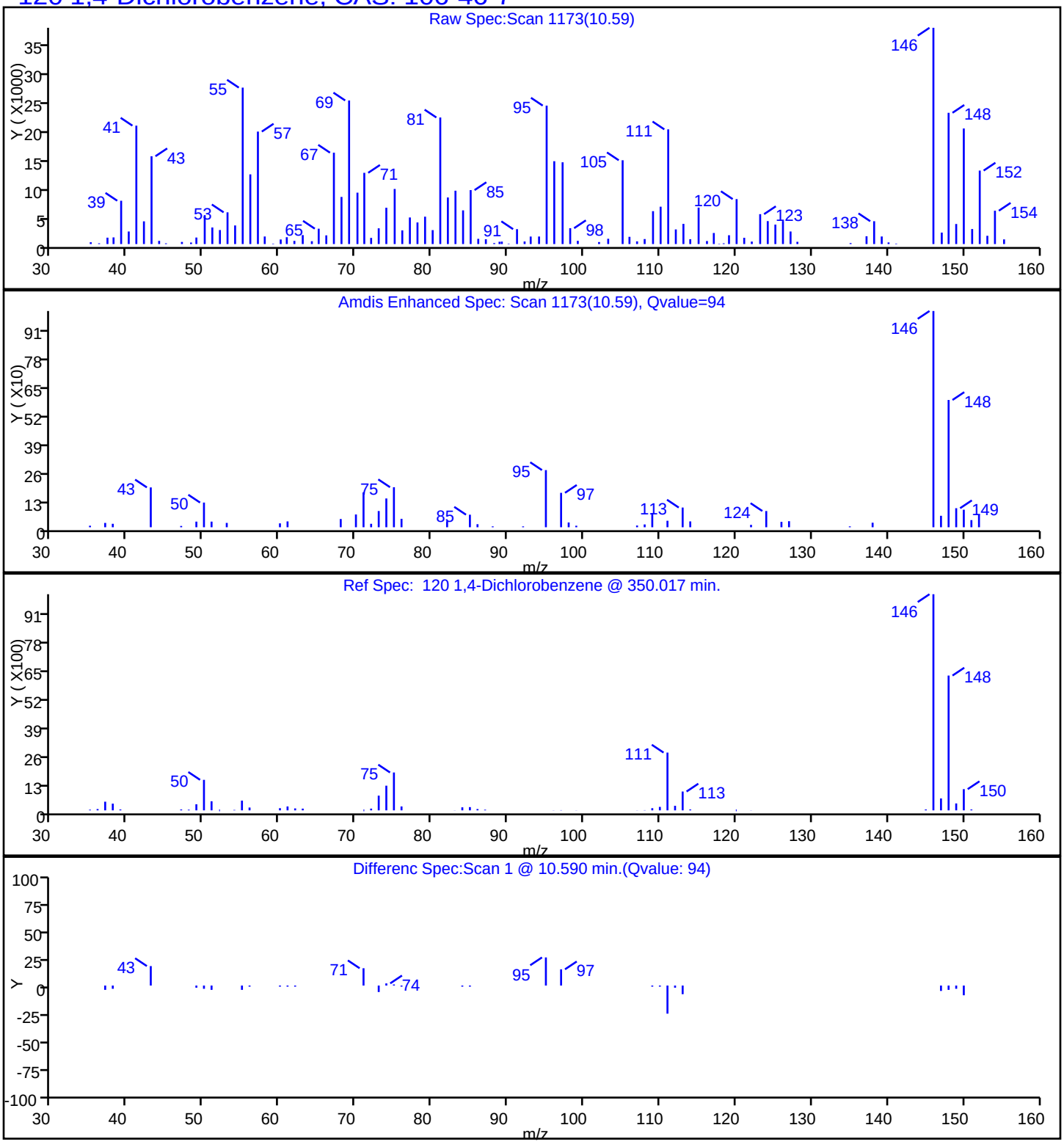
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

120 1,4-Dichlorobenzene, CAS: 106-46-7



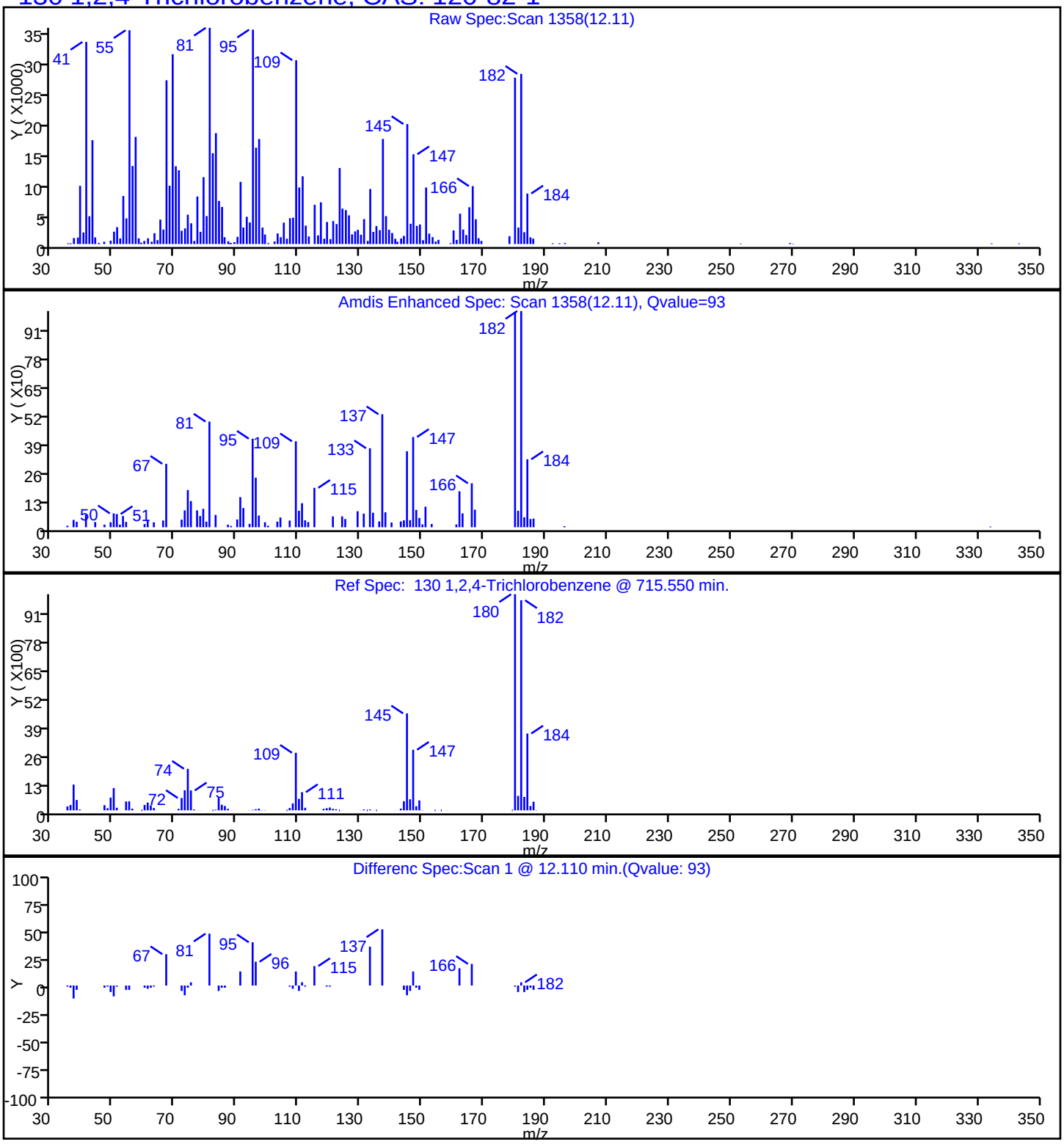
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

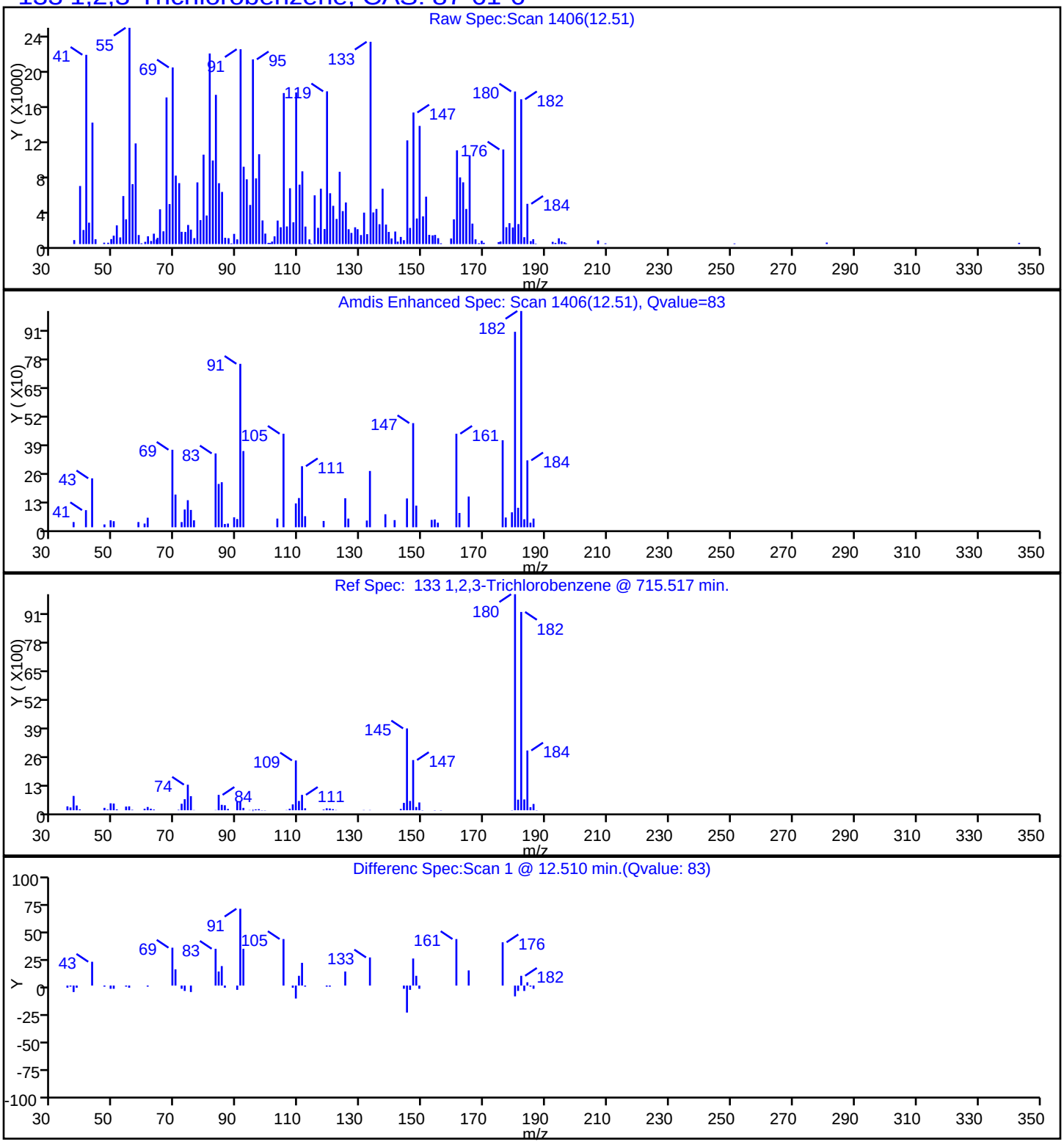
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D				
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

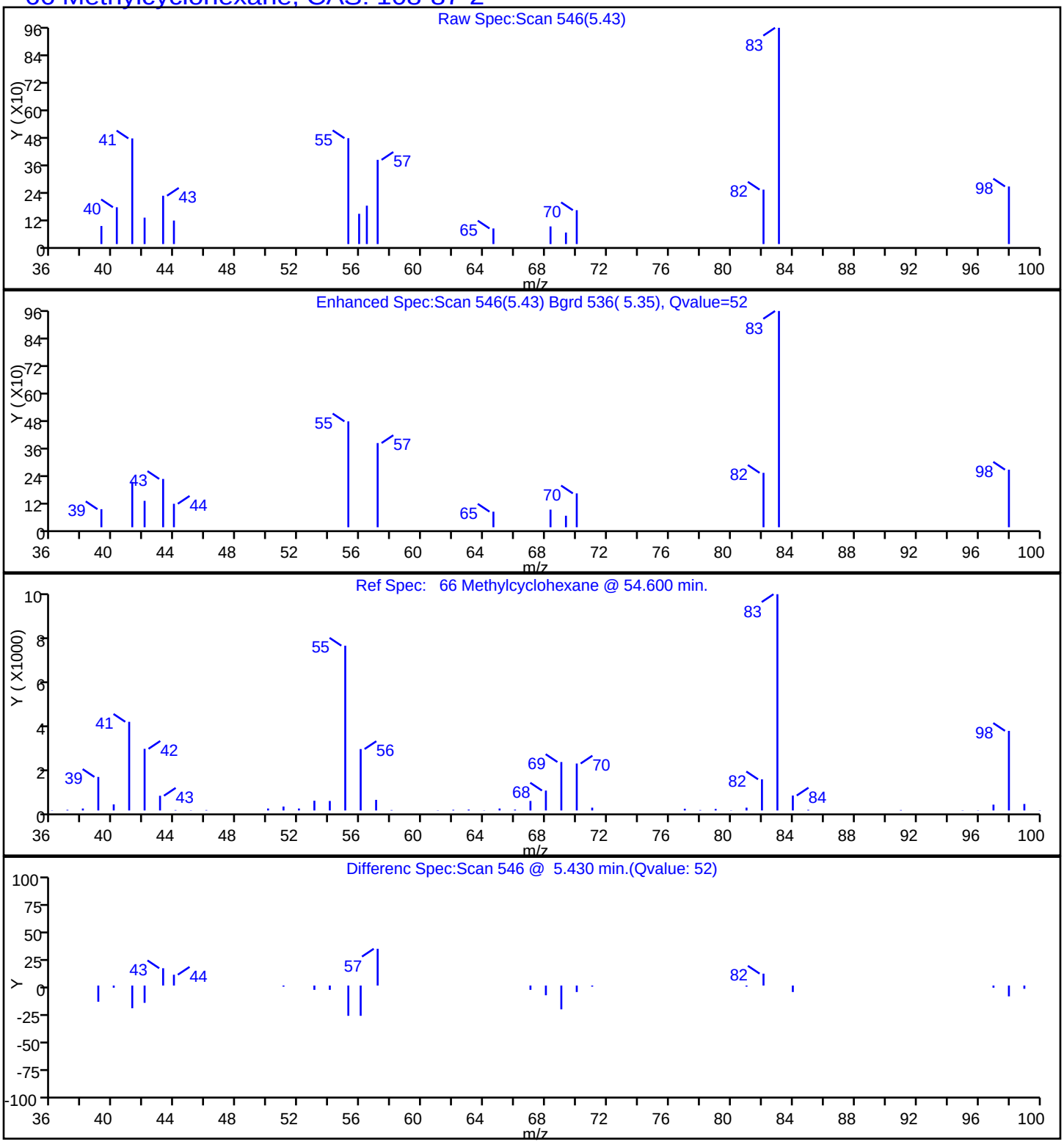
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

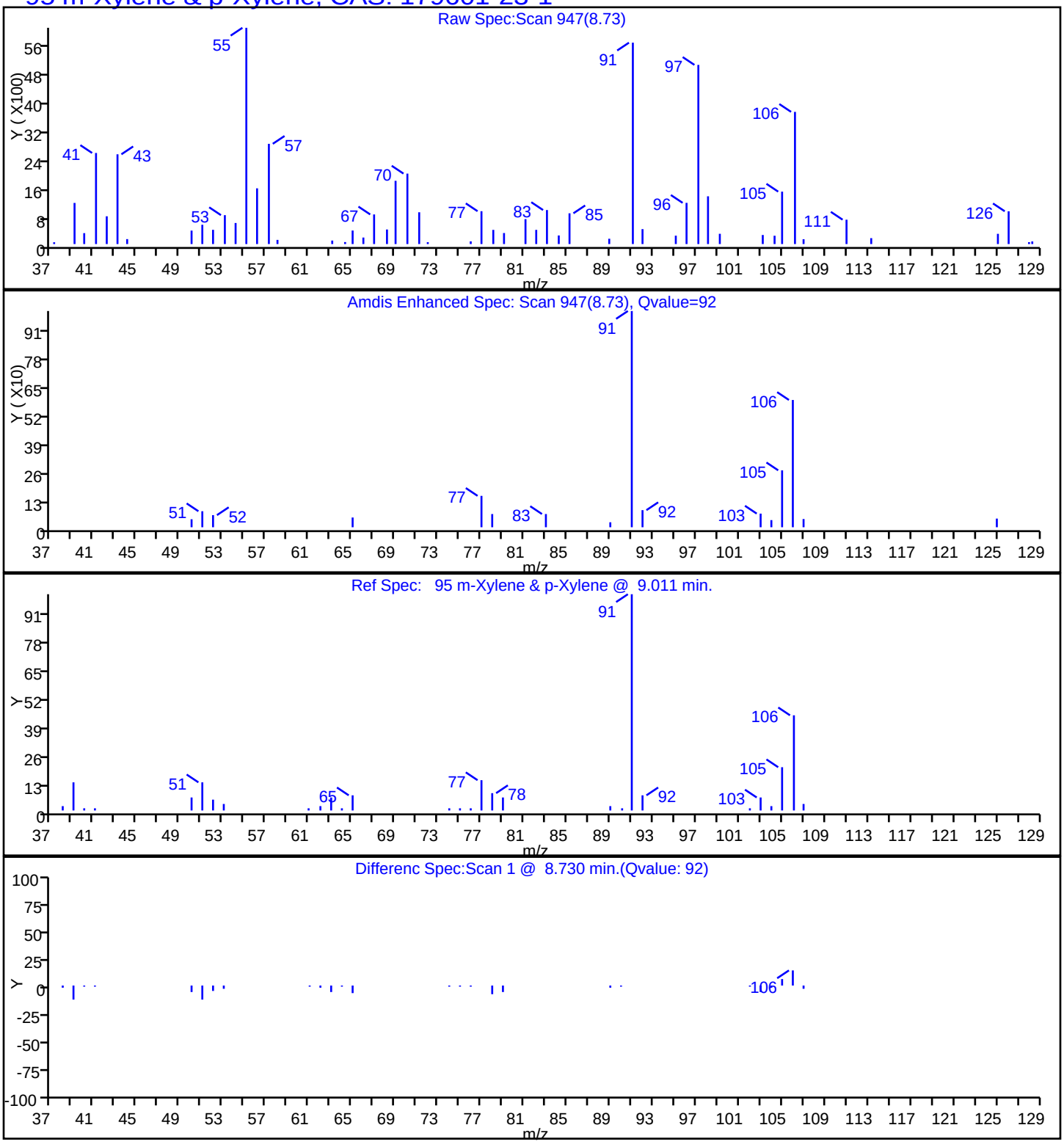
66 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

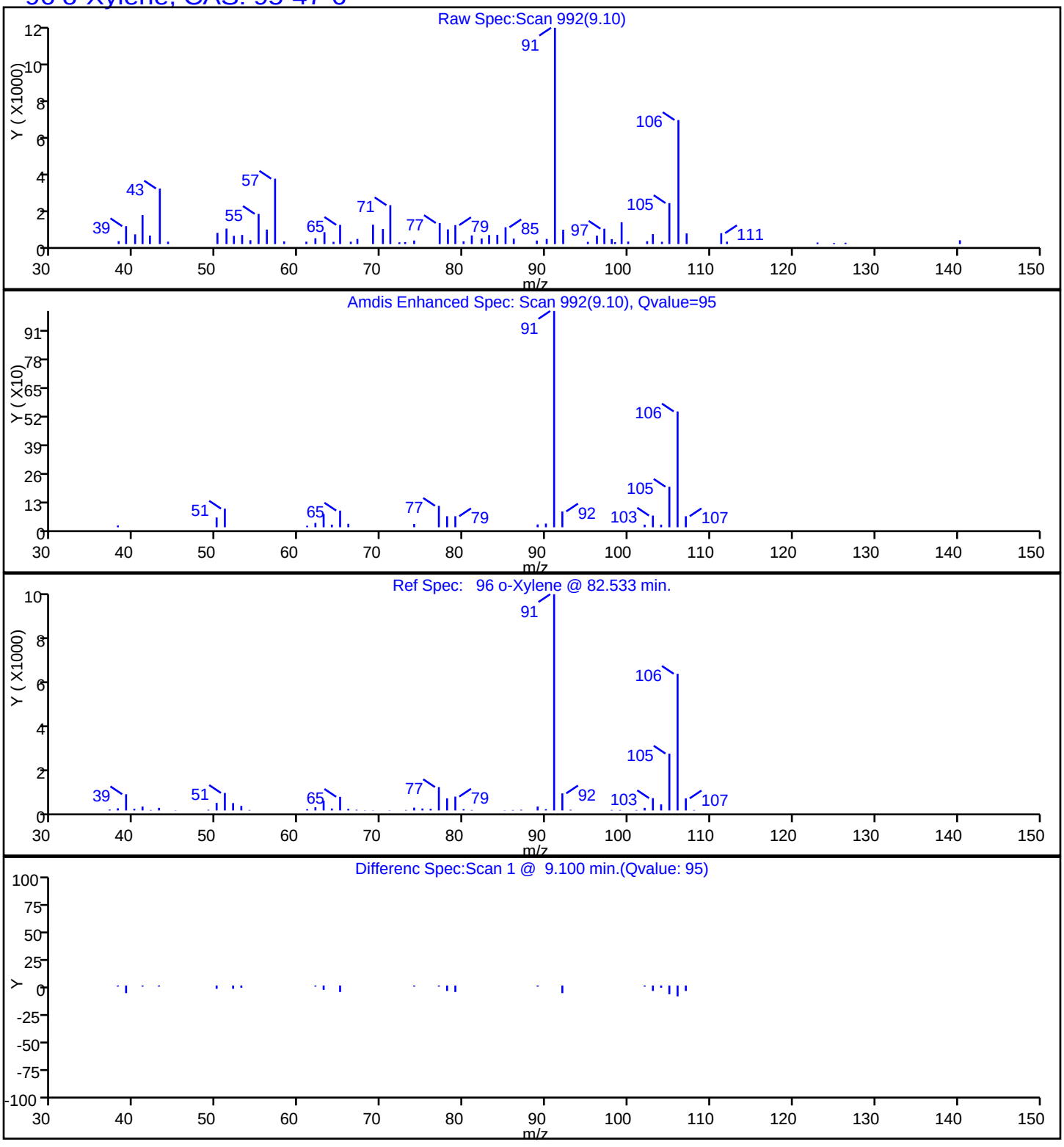
95 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

96 o-Xylene, CAS: 95-47-6



Manual Integration/User Assign Peak Report

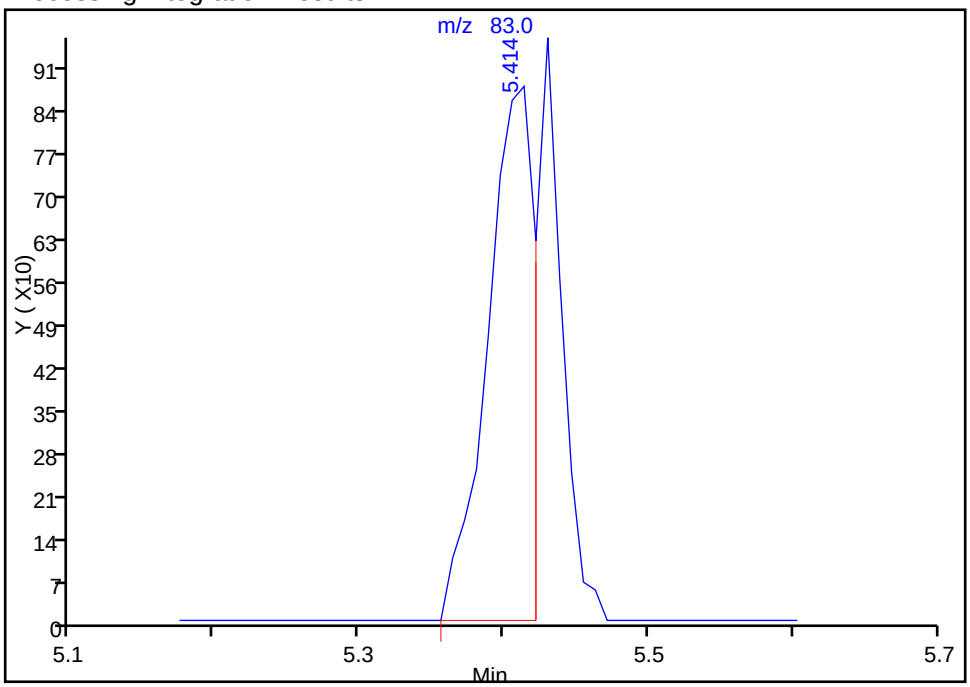
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D				
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

66 Methylcyclohexane, CAS: 108-87-2

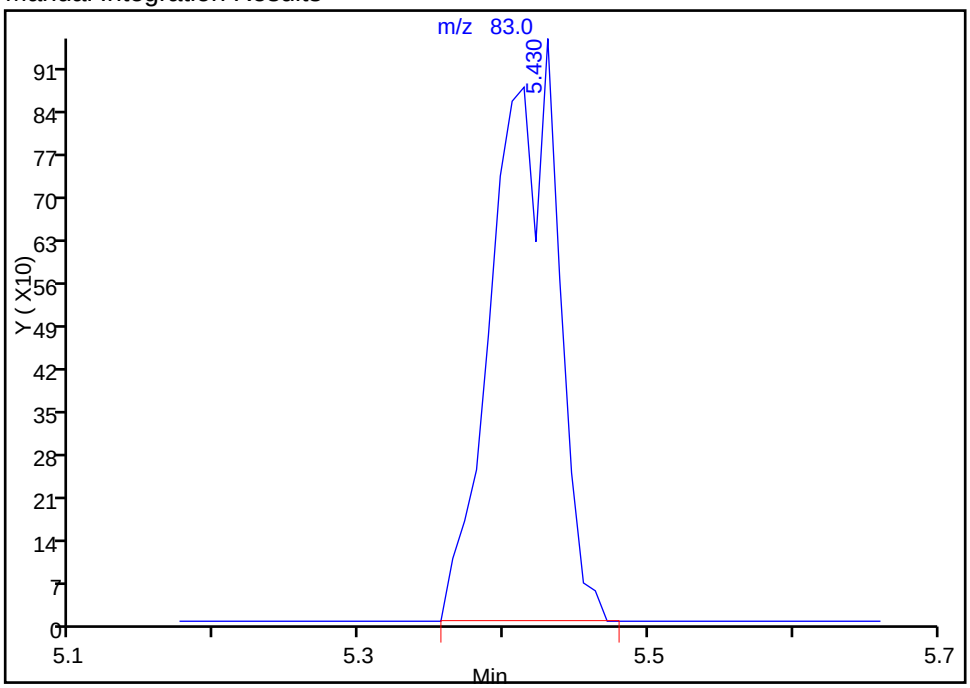
Processing Integration Results

RT: 5.41
Area: 2013
Amount: 1.240861
Amount Units: ug/l



Manual Integration Results

RT: 5.43
Area: 2932
Amount: 1.807355
Amount Units: ug/l



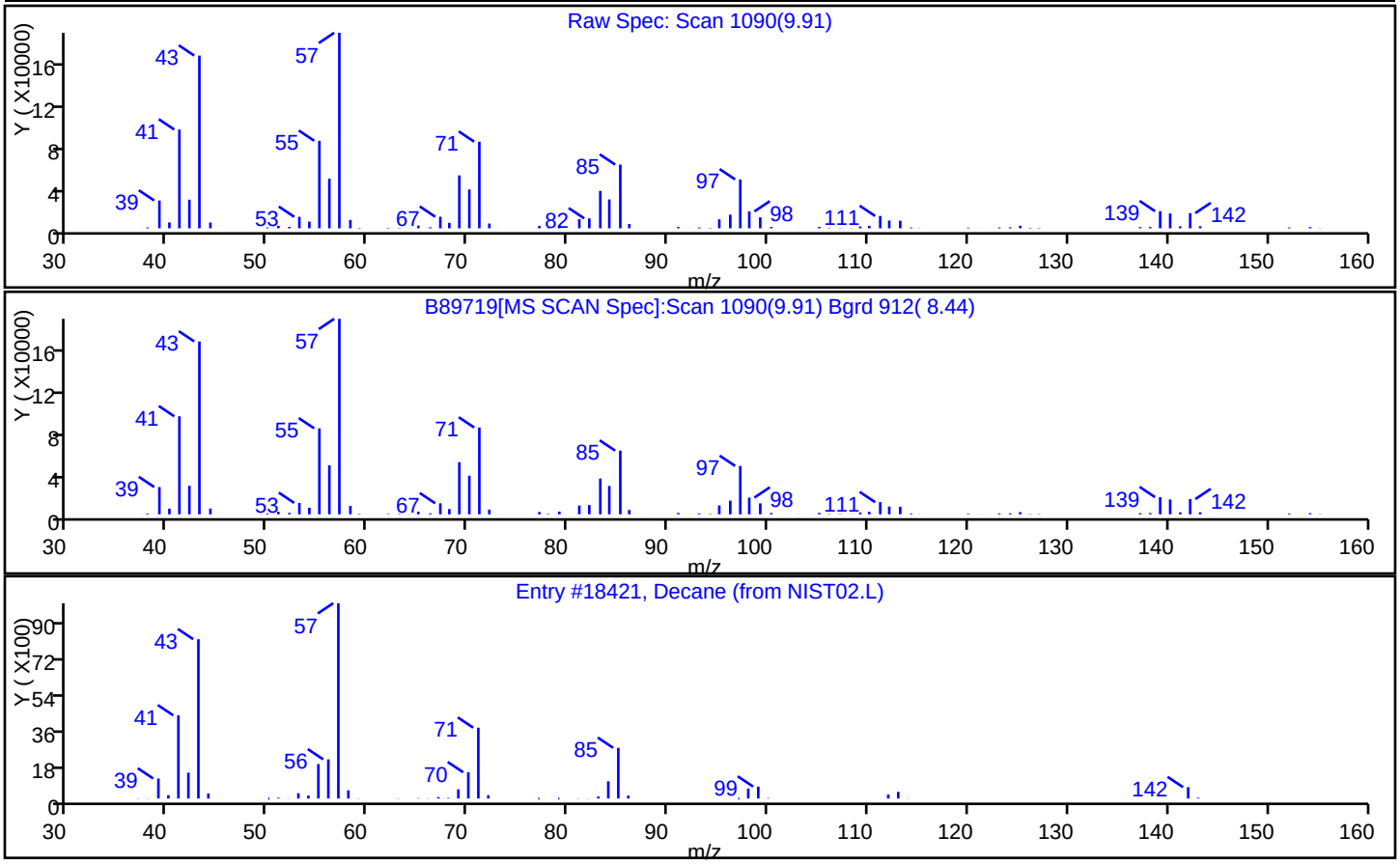
Reviewer: baronm, 11-Nov-2015 12:43:00
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decane	124-18-5	NIST02.L	18421	C10H22	142	94

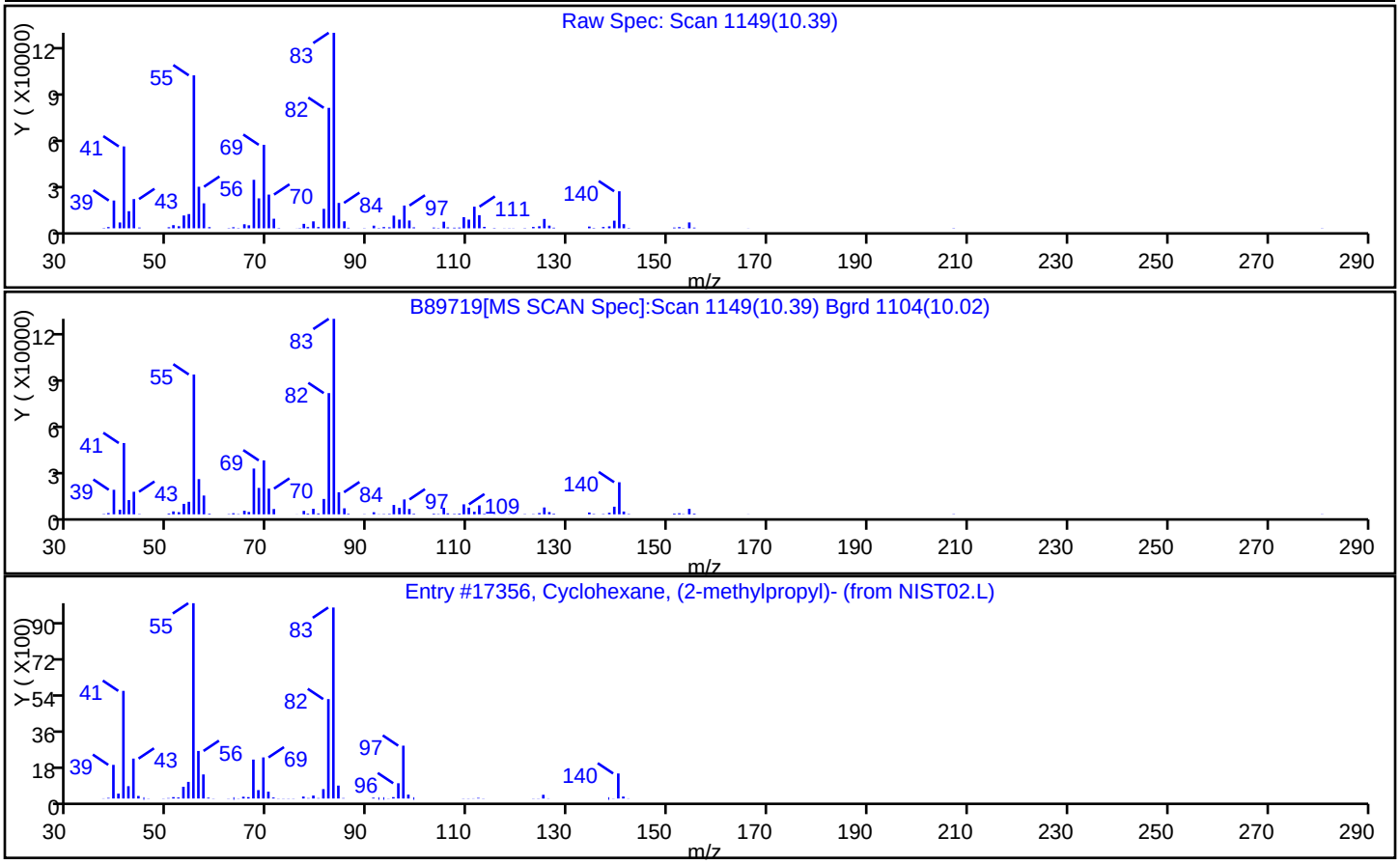


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, (2-methylpropyl)-	1678-98-4	NIST02.L	17356	C10H20	140	86

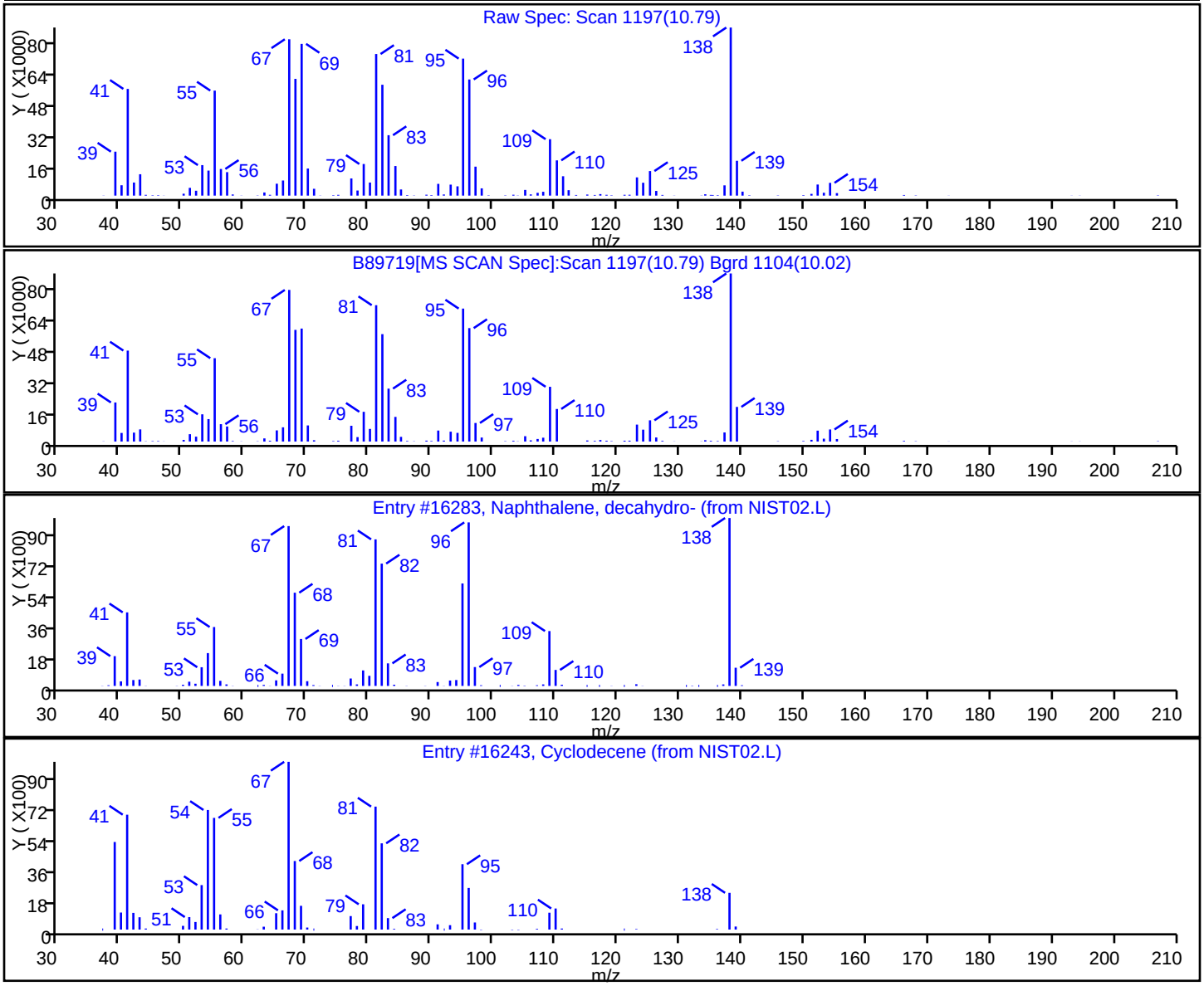


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16283	C10H18	138	94
Cyclodecene	3618-12-0	NIST02.L	16243	C10H18	138	87



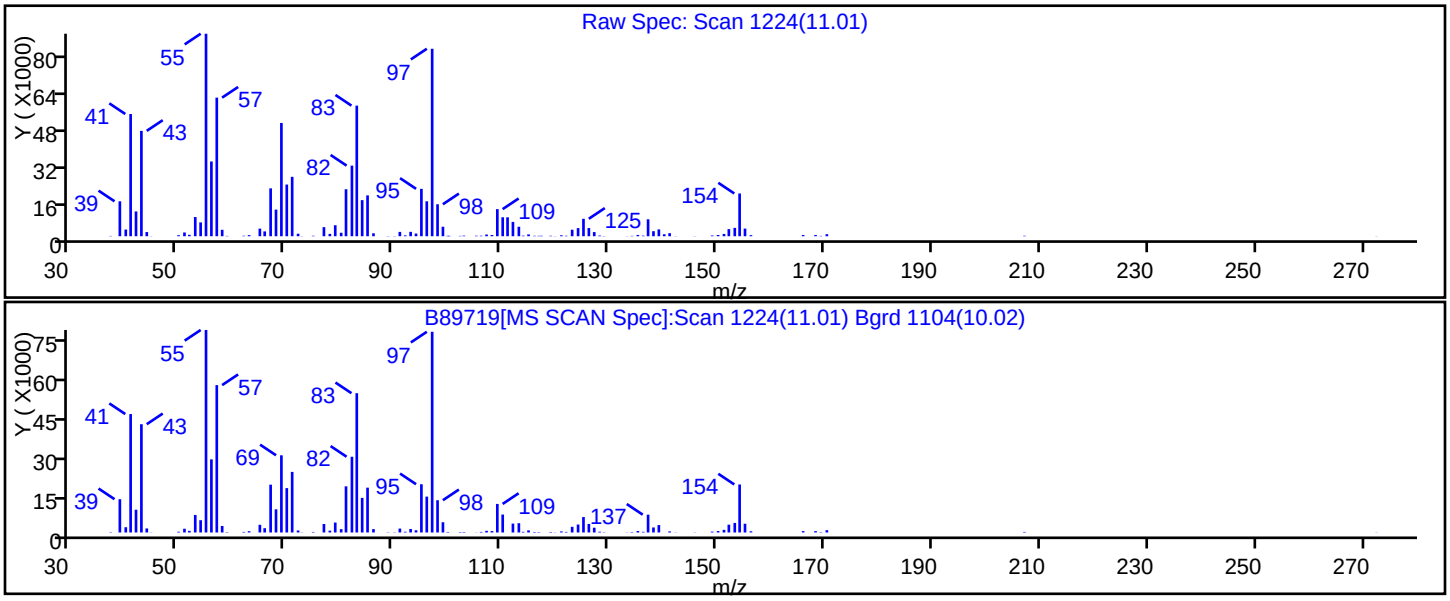
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



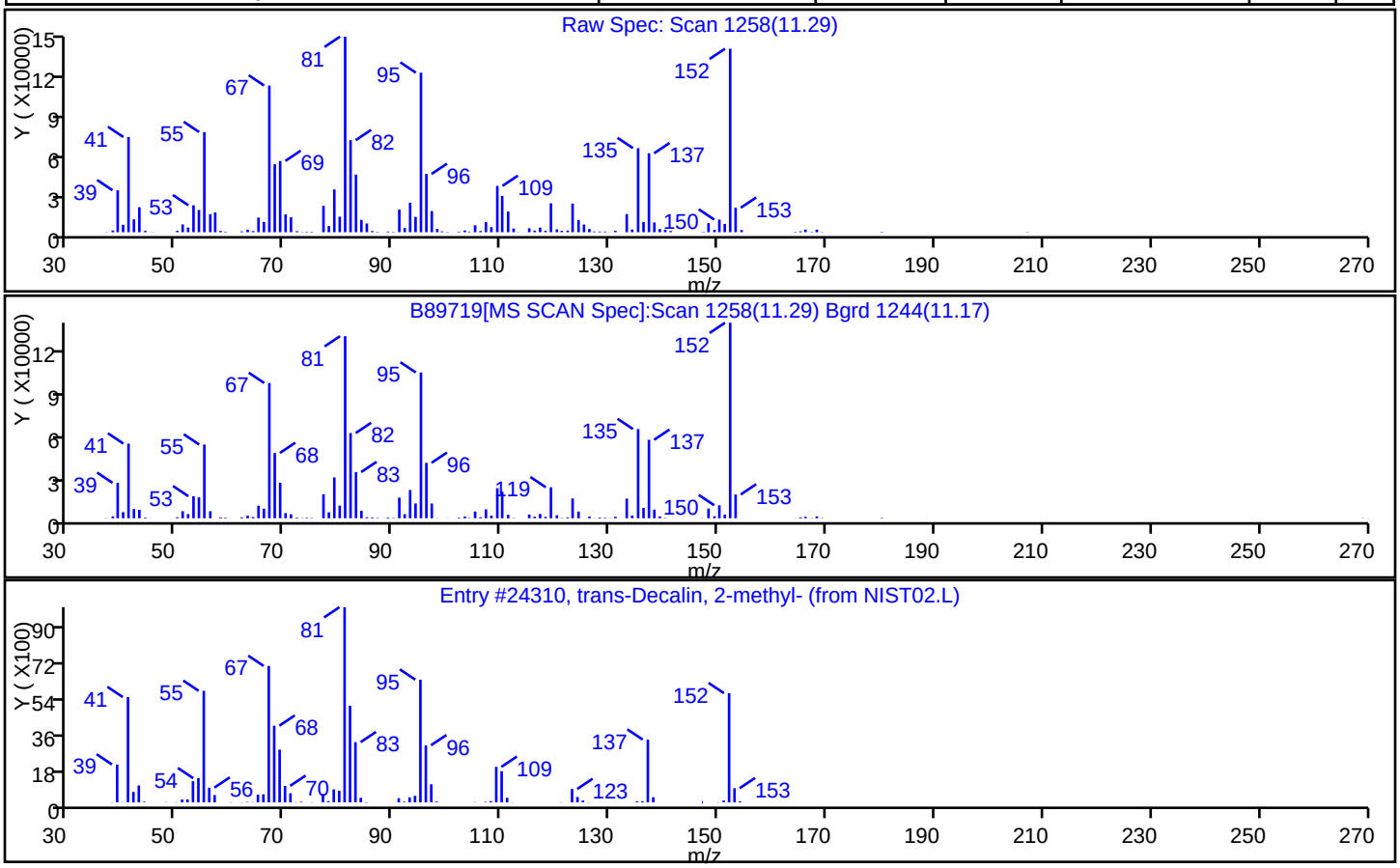
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	96



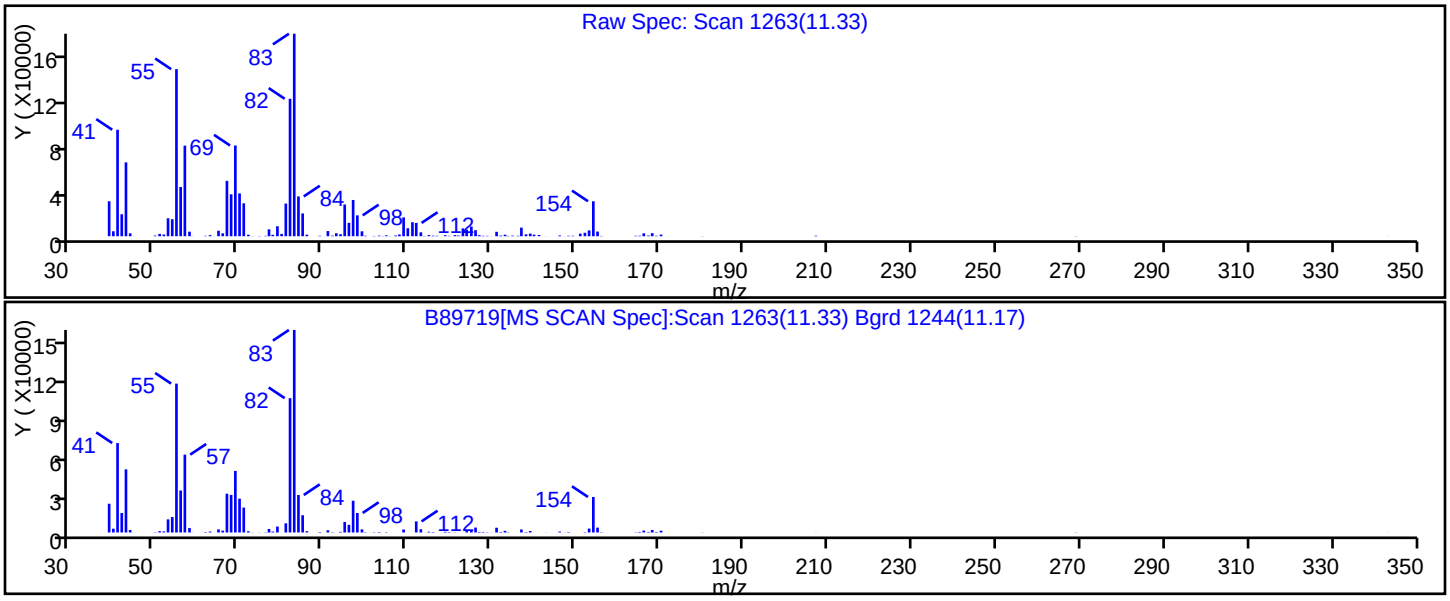
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



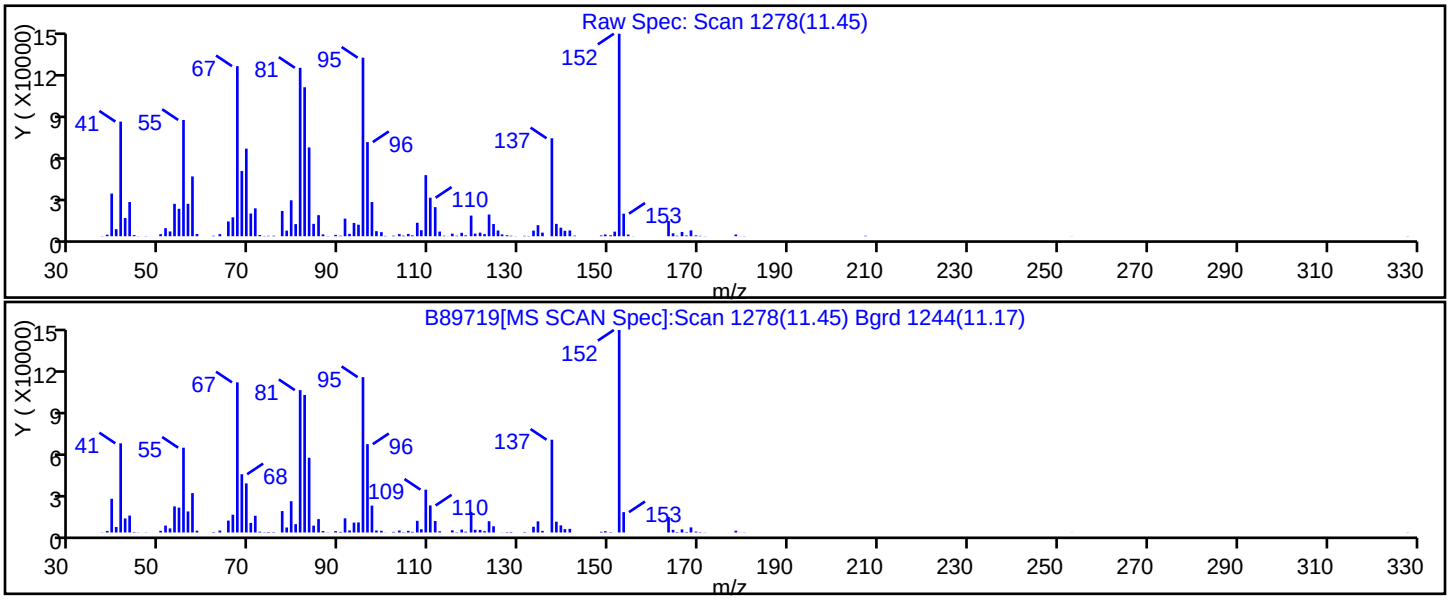
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

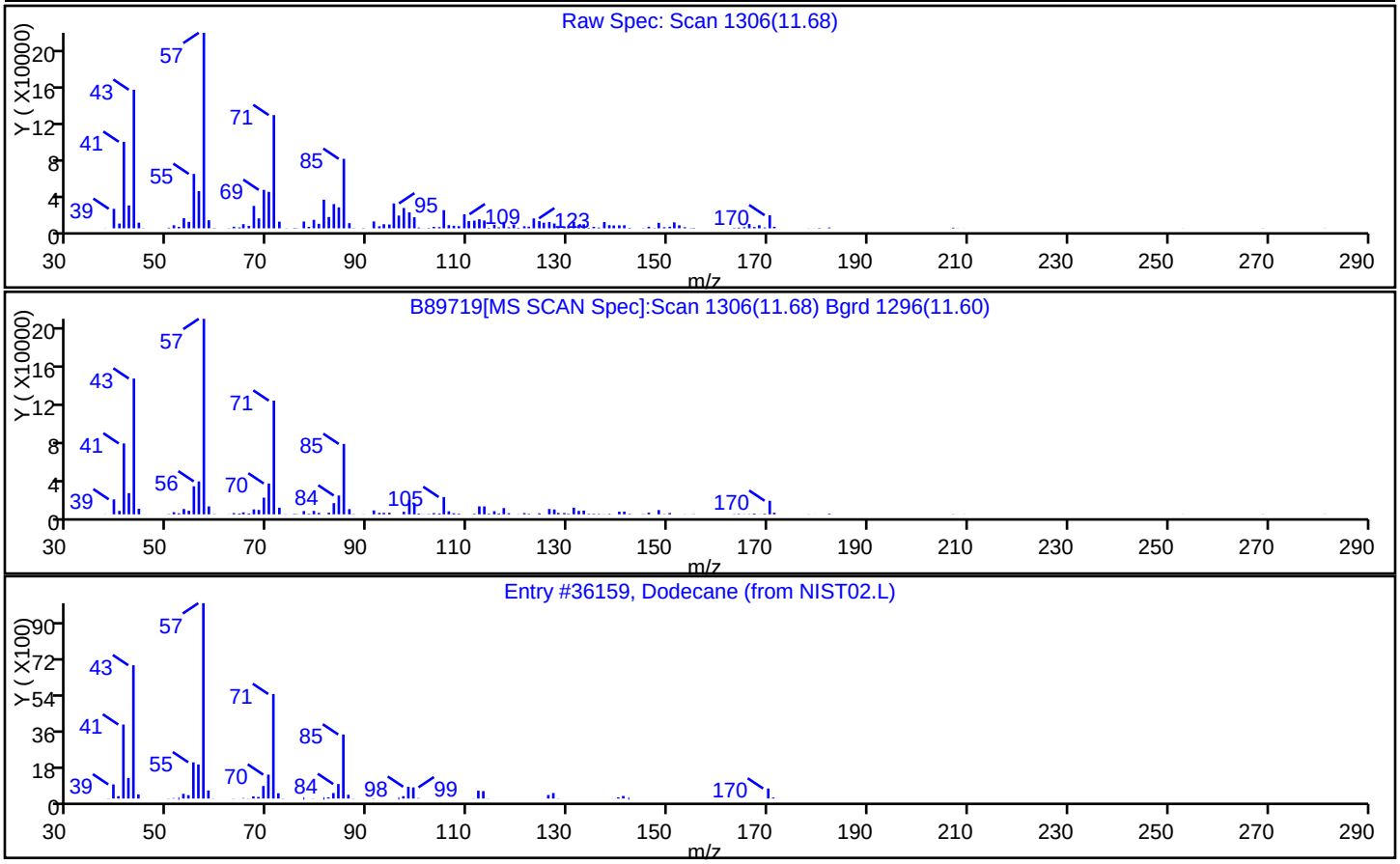


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36159	C12H26	170	97



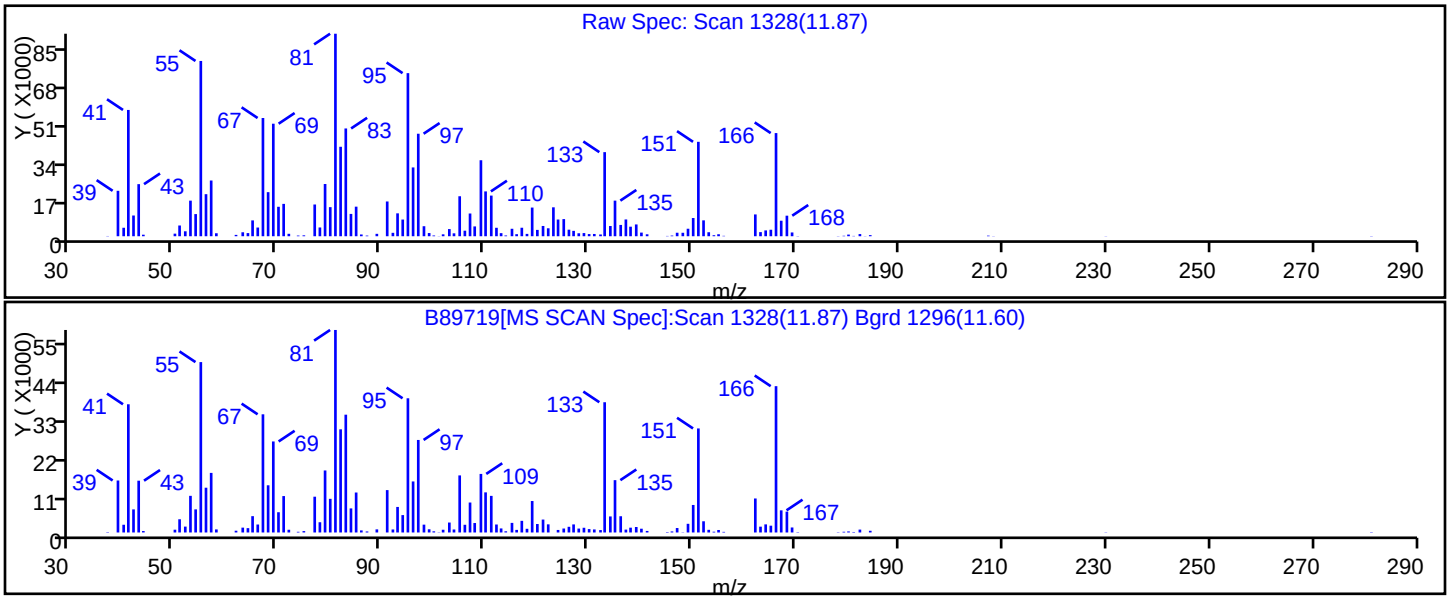
Report Date: 11-Nov-2015 12:43:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D

Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

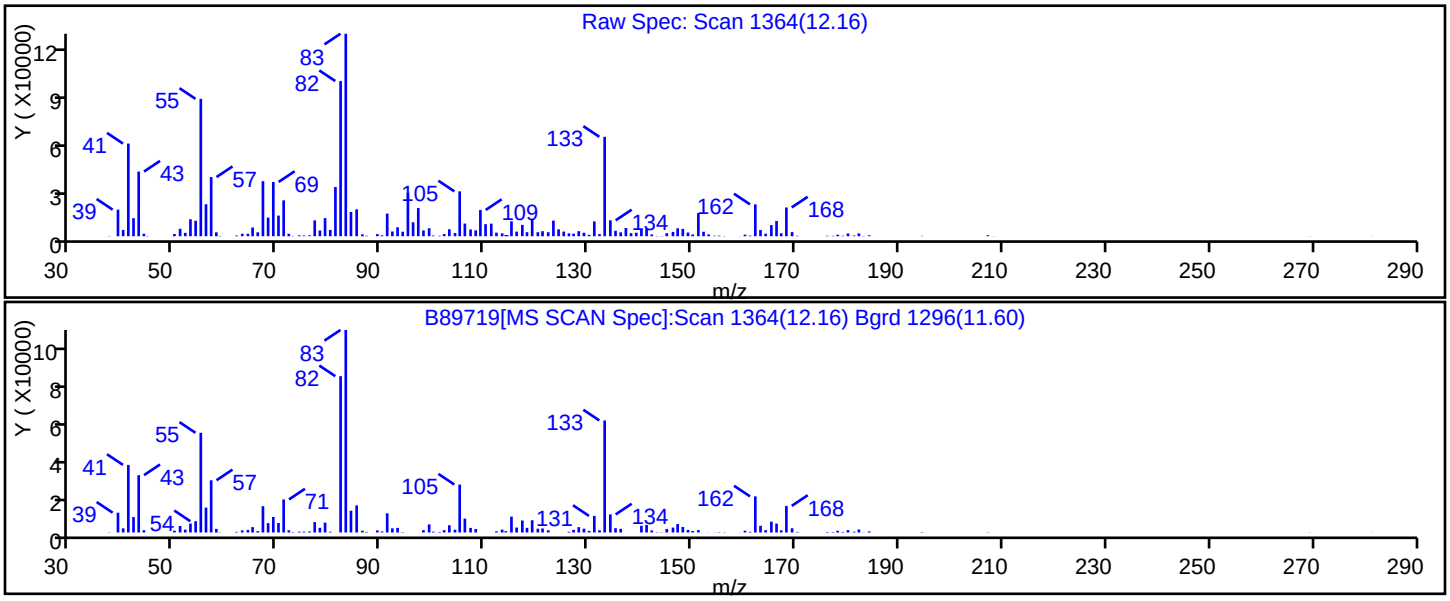
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89719.D		
Injection Date:	08-Nov-2015 15:42:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-15-A	Lab Sample ID:	460-104096-15
Client ID:	PMP-5-NW2-12.75		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV | Lab Sample ID: 460-104096-20

Matrix: Solid | Lab File ID: B89720.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:32

Sample wt/vol: 4.973(g) | Date Analyzed: 11/08/2015 16:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	23	U	110	23
74-83-9	Bromomethane	19	U	110	19
75-01-4	Vinyl chloride	21	U	110	21
75-00-3	Chloroethane	39	U	110	39
75-09-2	Methylene Chloride	22	U	110	22
67-64-1	Acetone	110	U	530	110
75-15-0	Carbon disulfide	23	U	110	23
75-69-4	Trichlorofluoromethane	16	U	110	16
75-35-4	1,1-Dichloroethene	36	U	110	36
75-34-3	1,1-Dichloroethane	25	U	110	25
156-60-5	trans-1,2-Dichloroethene	19	U	110	19
156-59-2	cis-1,2-Dichloroethene	27	U	110	27
67-66-3	Chloroform	23	U	110	23
78-93-3	2-Butanone	230	U	530	230
107-06-2	1,2-Dichloroethane	26	U	110	26
71-55-6	1,1,1-Trichloroethane	29	U	110	29
56-23-5	Carbon tetrachloride	35	U	110	35
71-43-2	Benzene	20	U	110	20
75-25-2	Bromoform	19	U	110	19
100-42-5	Styrene	18	U	110	18
100-41-4	Ethylbenzene	32	U	110	32
108-90-7	Chlorobenzene	25	U	110	25
110-82-7	Cyclohexane	27	U	110	27
98-82-8	Isopropylbenzene	34	U	110	34
591-78-6	2-Hexanone	76	U	530	76
1634-04-4	MTBE	14	U	110	14
76-13-1	Freon TF	36	U	110	36
79-20-9	Methyl acetate	61	U	530	61
123-91-1	1,4-Dioxane	920	U *	2600	920
79-01-6	Trichloroethene	23	U	110	23
108-88-3	Toluene	26	U	110	26
10061-02-6	trans-1,3-Dichloropropene	20	U	110	20
108-10-1	4-Methyl-2-pentanone	66	U	530	66
10061-01-5	cis-1,3-Dichloropropene	17	U	110	17
95-50-1	1,2-Dichlorobenzene	23	U	110	23
541-73-1	1,3-Dichlorobenzene	35	U	110	35

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV | Lab Sample ID: 460-104096-20

Matrix: Solid | Lab File ID: B89720.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:32

Sample wt/vol: 4.973(g) | Date Analyzed: 11/08/2015 16:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	35	U	110	35
120-82-1	1,2,4-Trichlorobenzene	2200		110	28
87-61-6	1,2,3-Trichlorobenzene	37	U	110	37
78-87-5	1,2-Dichloropropane	19	U	110	19
108-87-2	Methylcyclohexane	23	U	110	23
127-18-4	Tetrachloroethene	38	U	110	38
1330-20-7	Xylenes, Total	29	U	210	29
96-12-8	1,2-Dibromo-3-Chloropropane	24	U	110	24
79-34-5	1,1,2,2-Tetrachloroethane	20	U	110	20
79-00-5	1,1,2-Trichloroethane	8.4	U	110	8.4
124-48-1	Dibromochloromethane	23	U	110	23
106-93-4	1,2-Dibromoethane	20	U	110	20
75-71-8	Dichlorodifluoromethane	15	U	110	15
74-97-5	Bromochloromethane	32	U	110	32
75-27-4	Bromodichloromethane	16	U	110	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		69-145
2037-26-5	Toluene-d8 (Surr)	102		72-136
460-00-4	Bromofluorobenzene	98		64-131
1868-53-7	Dibromofluoromethane (Surr)	100		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV | Lab Sample ID: 460-104096-20

Matrix: Solid | Lab File ID: B89720.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:32

Sample wt/vol: 4.973(g) | Date Analyzed: 11/08/2015 16:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.5 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 83400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.79	5300	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	7400	J N
	Unknown	11.40	5300	J
2958-76-1	Naphthalene, decahydro-2-methyl-	11.45	10000	J N
	Unknown	11.87	22000	J
	Unknown	12.25	8100	J
66660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]decane	12.35	6600	J N
	Unknown	12.81	6800	J
	Unknown	12.94	6500	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.60	5400	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D
Lims ID: 460-104096-A-20-A Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Sample Type: Client
Inject. Date: 08-Nov-2015 16:06:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-20-A
Misc. Info.: 460-0033958-022
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:14 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:34:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.608	2.599	0.009	86	141488	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	165066	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	93	110086	50.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	95	110825	49.3	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	433581	50.0	
* 69 1,4-Dioxane-d8	96	5.735	5.718	0.017	89	14860	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.862	6.854	0.008	99	384069	51.1	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	382796	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	160111	49.0	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.566	0.008	93	255610	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	92	81693	21.2	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D
Lims ID: 460-104096-A-20-A Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Sample Type: Client
Inject. Date: 08-Nov-2015 16:06:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-20-A
Misc. Info.: 460-0033958-022
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:14 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:34:53

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
10.788	1324706	50.1	119					
	1000152-47-3	trans-Decalin, 2-methyl-						
11.290	1849115	69.9	119	97	24310	C11H20	152	
		Unknown						
11.397	1326143	50.1	119					
	2958-76-1	Naphthalene, decahydro-2-methyl-						
11.454	2536123	95.9	119	91	24328	C11H20	152	
		Unknown						
11.874	5481087	207.2	119					
		Unknown						
12.253	2039748	77.1	119					
	66660-42-2	cis, cis-3-Ethylbicyclo[4.4.0]decane						
12.351	1657885	62.7	119	89	33333	C12H22	166	
		Unknown						
12.812	1708345	64.6	119					
		Unknown						
12.944	1640676	62.0	119					
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
13.602	1360621	51.4	119	87	61716	C15H28	208	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.574	1322519	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

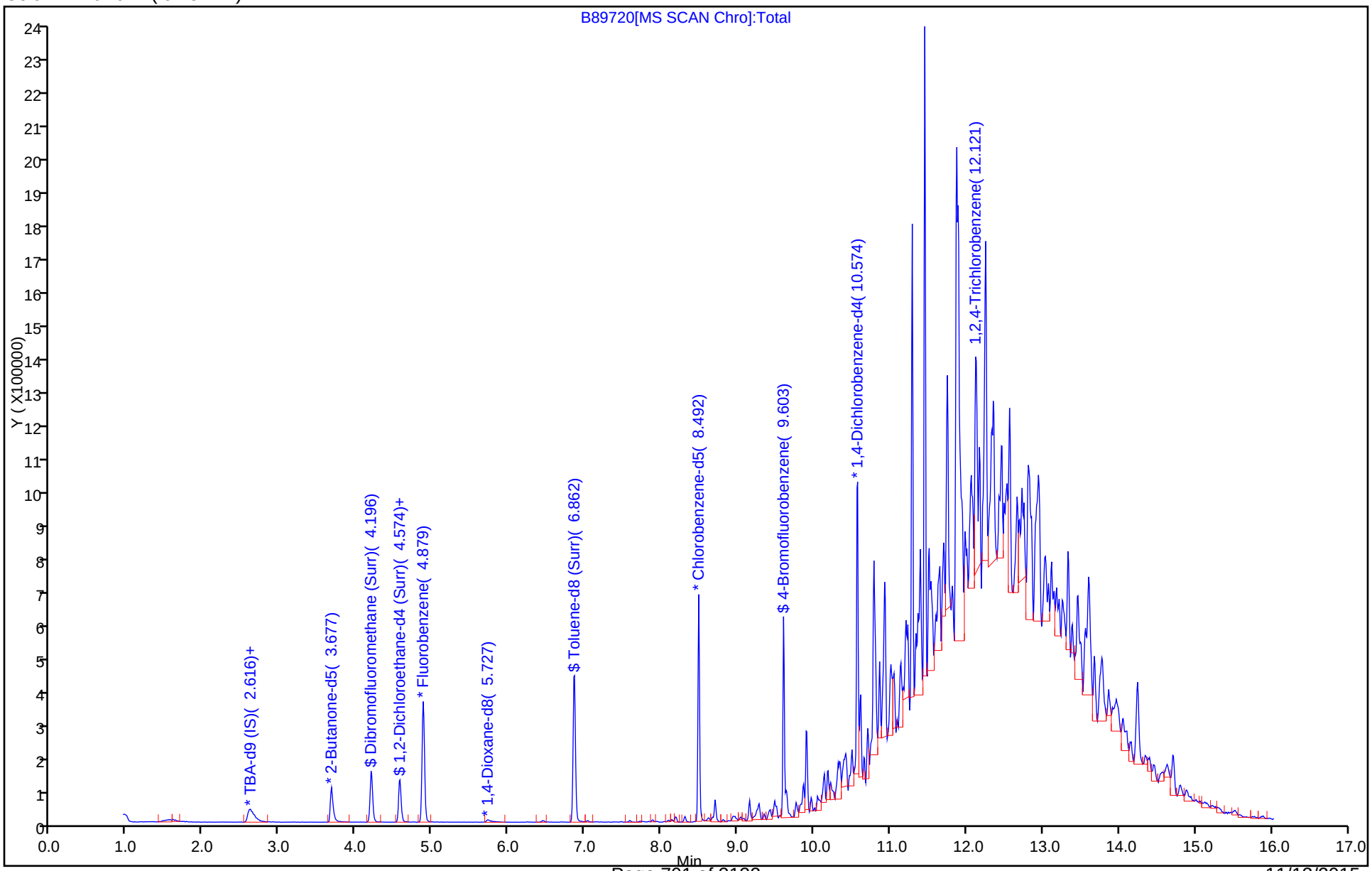
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20	Worklist Smp#:	22
Client ID:	PMP-7-NW2-DV				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	21
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

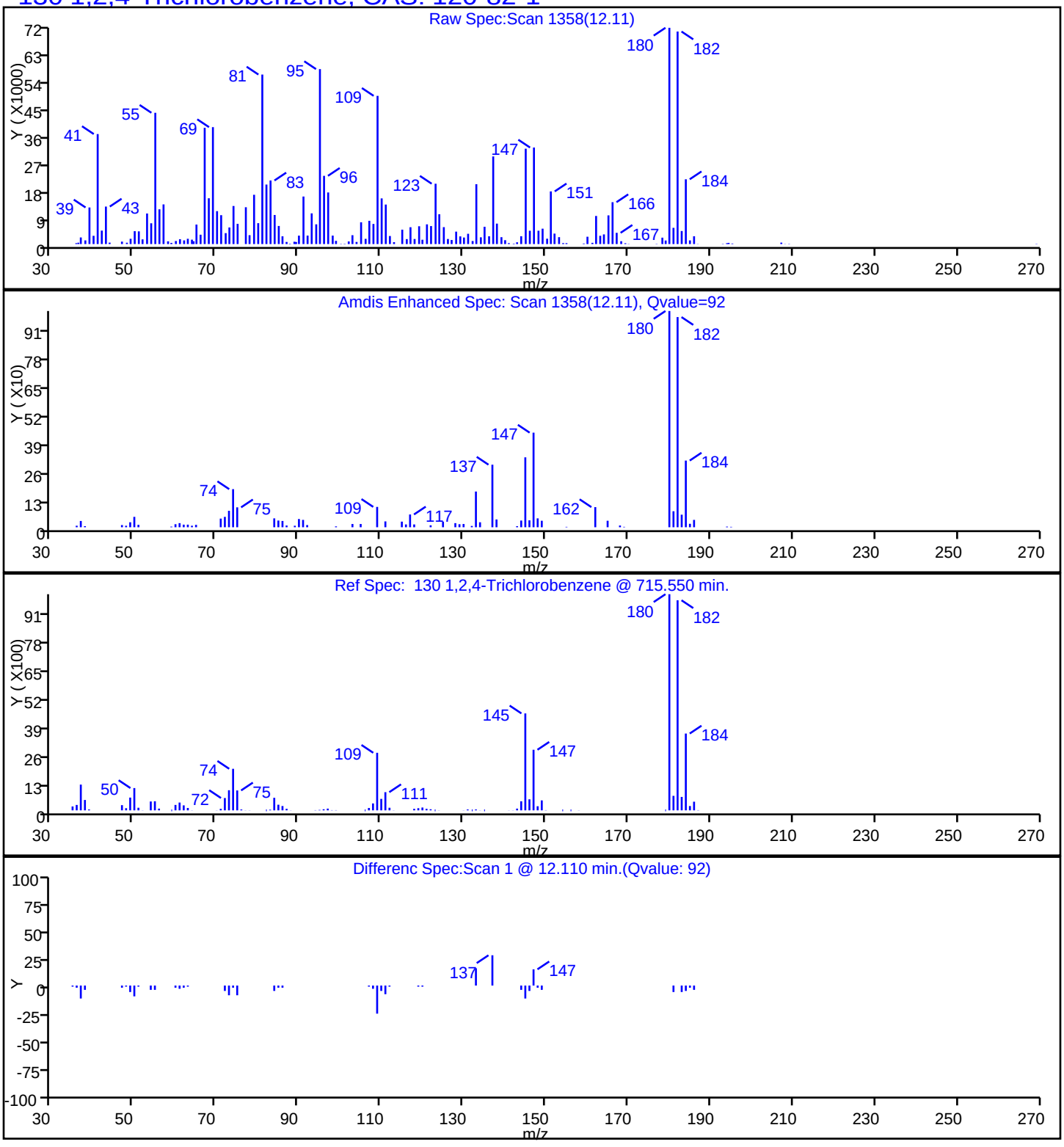
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D		
Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

130 1,2,4-Trichlorobenzene, CAS: 120-82-1



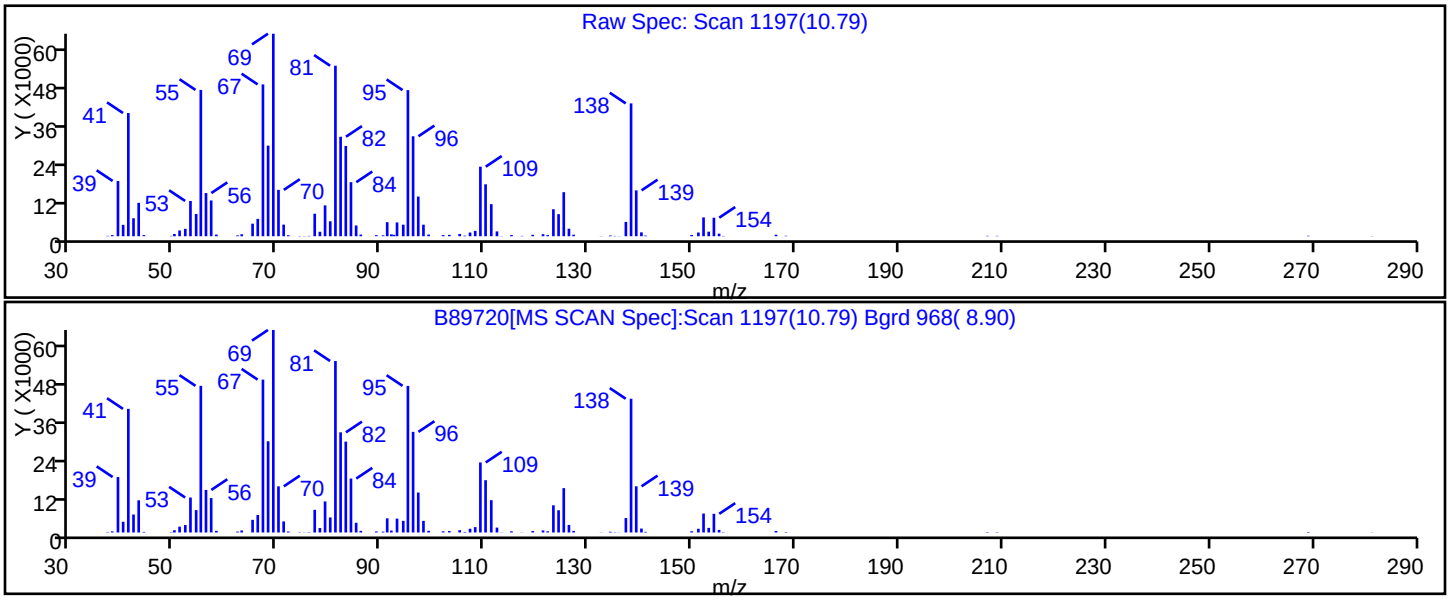
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

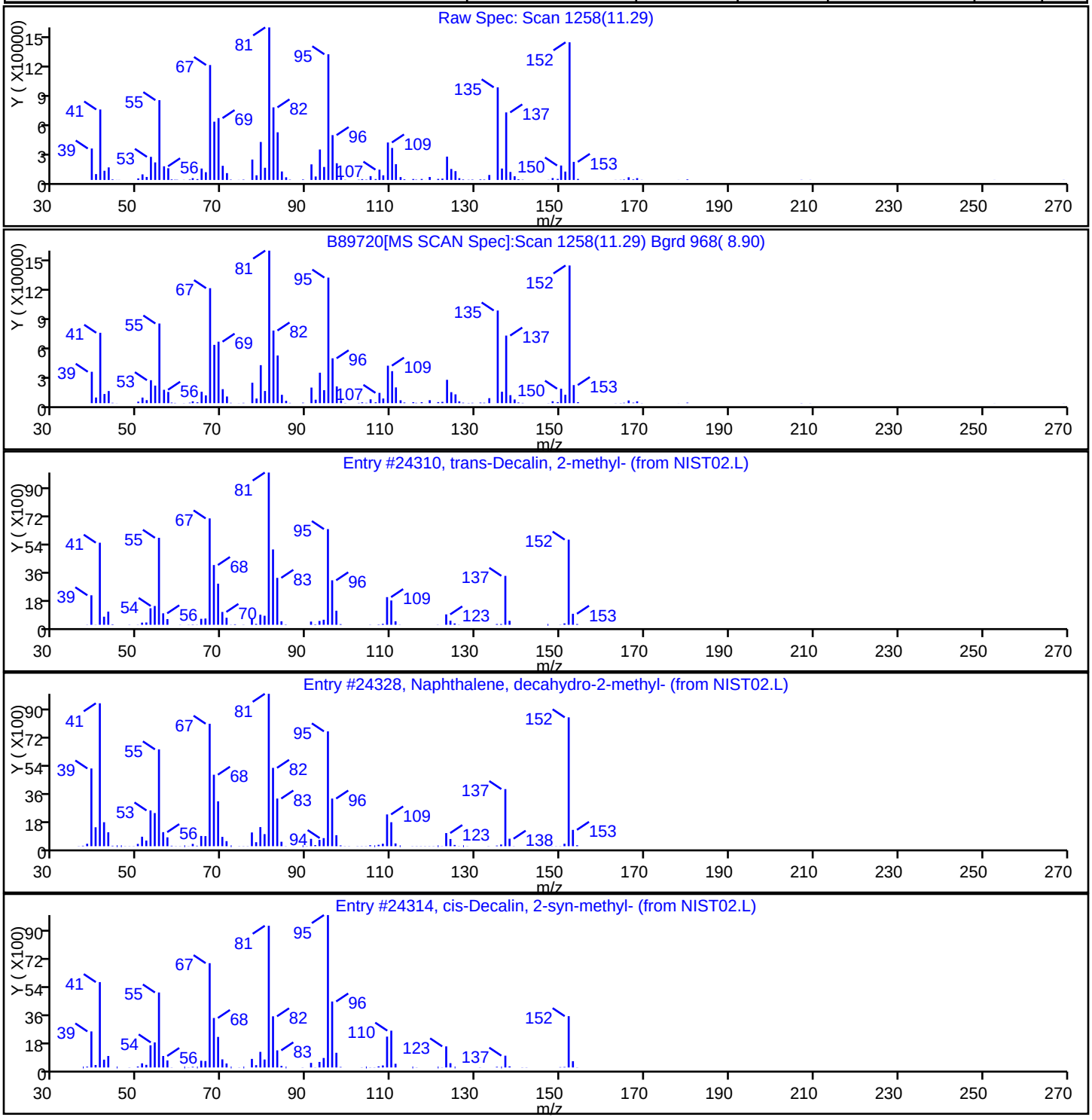
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D
Injection Date: 08-Nov-2015 16:06:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-20-A Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	97
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	97
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	95

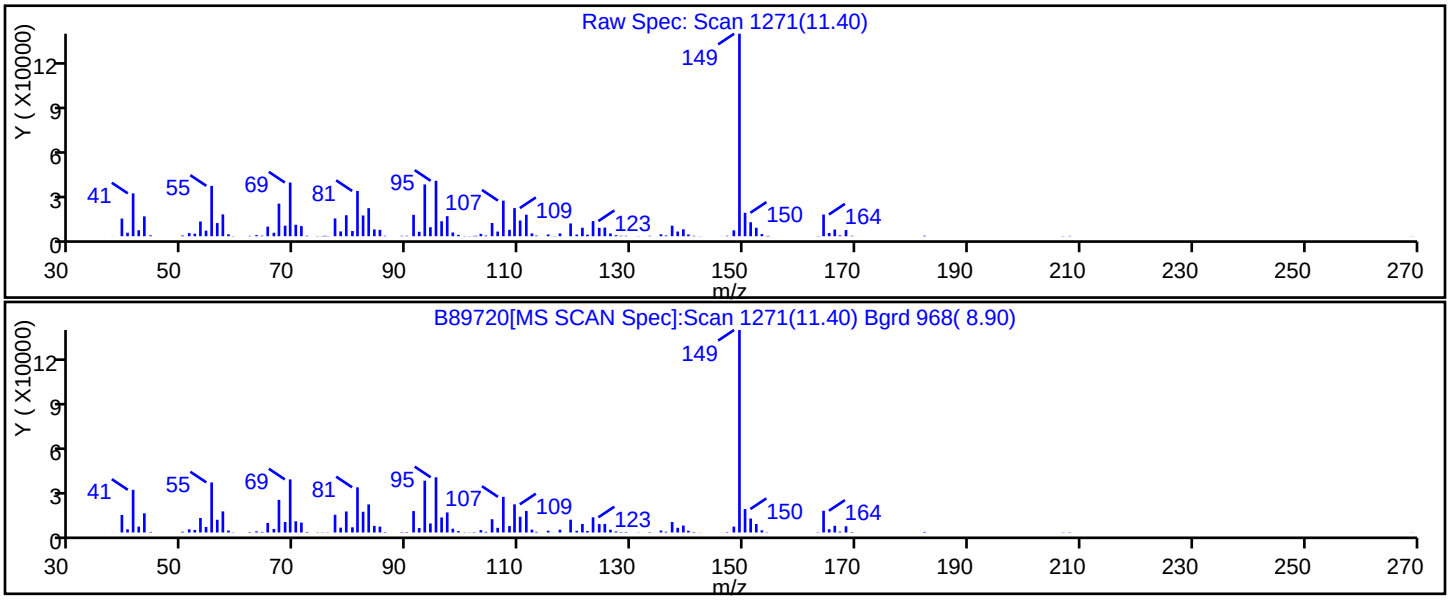


Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D				
Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85

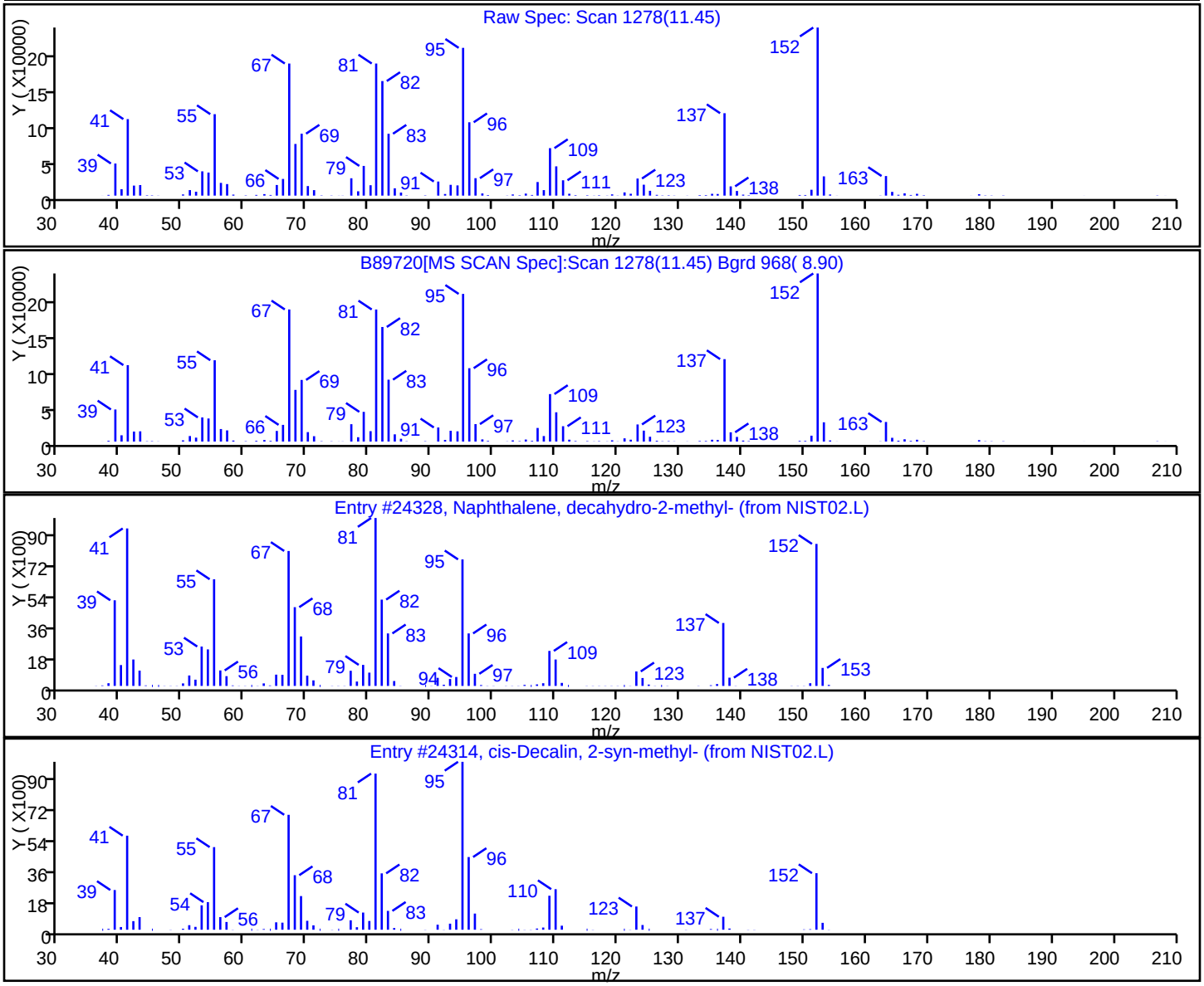


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	91
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	91



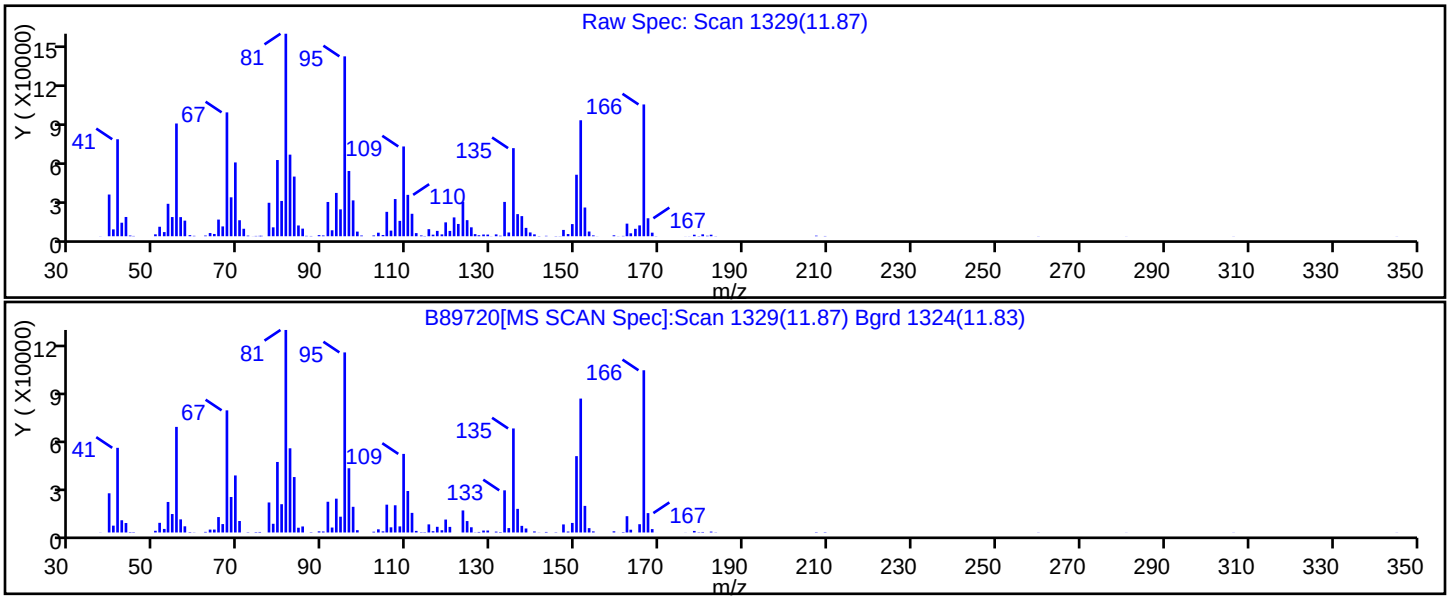
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



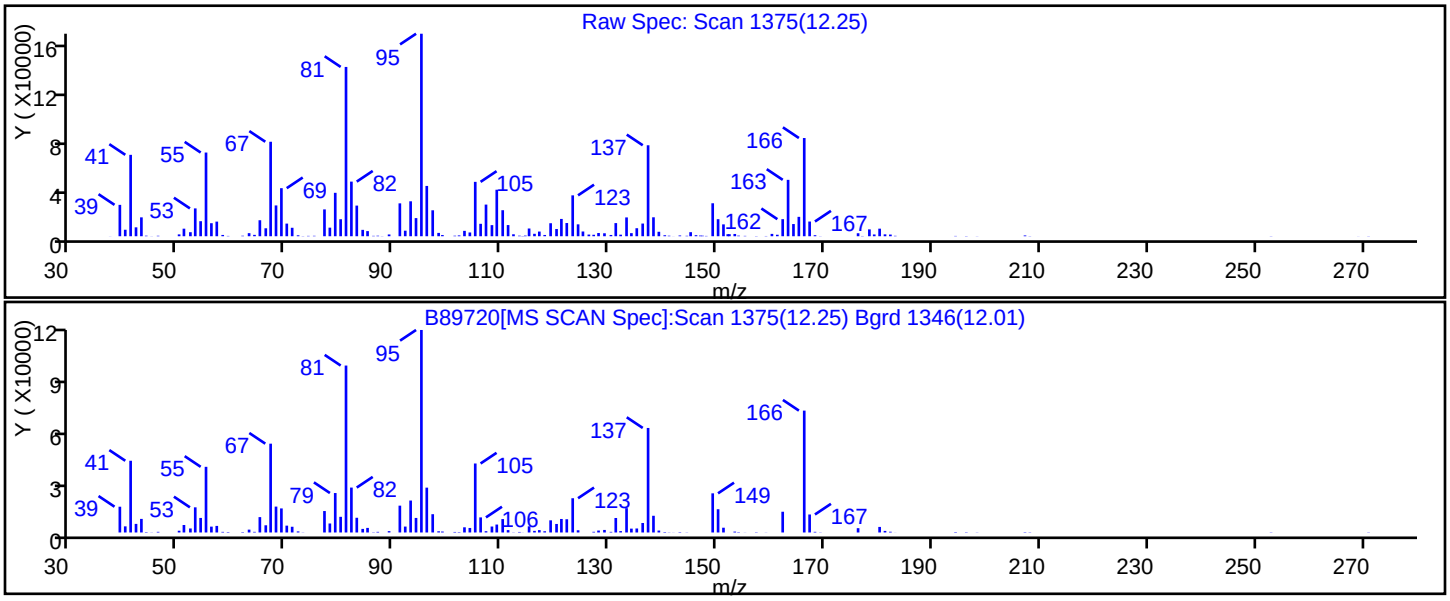
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

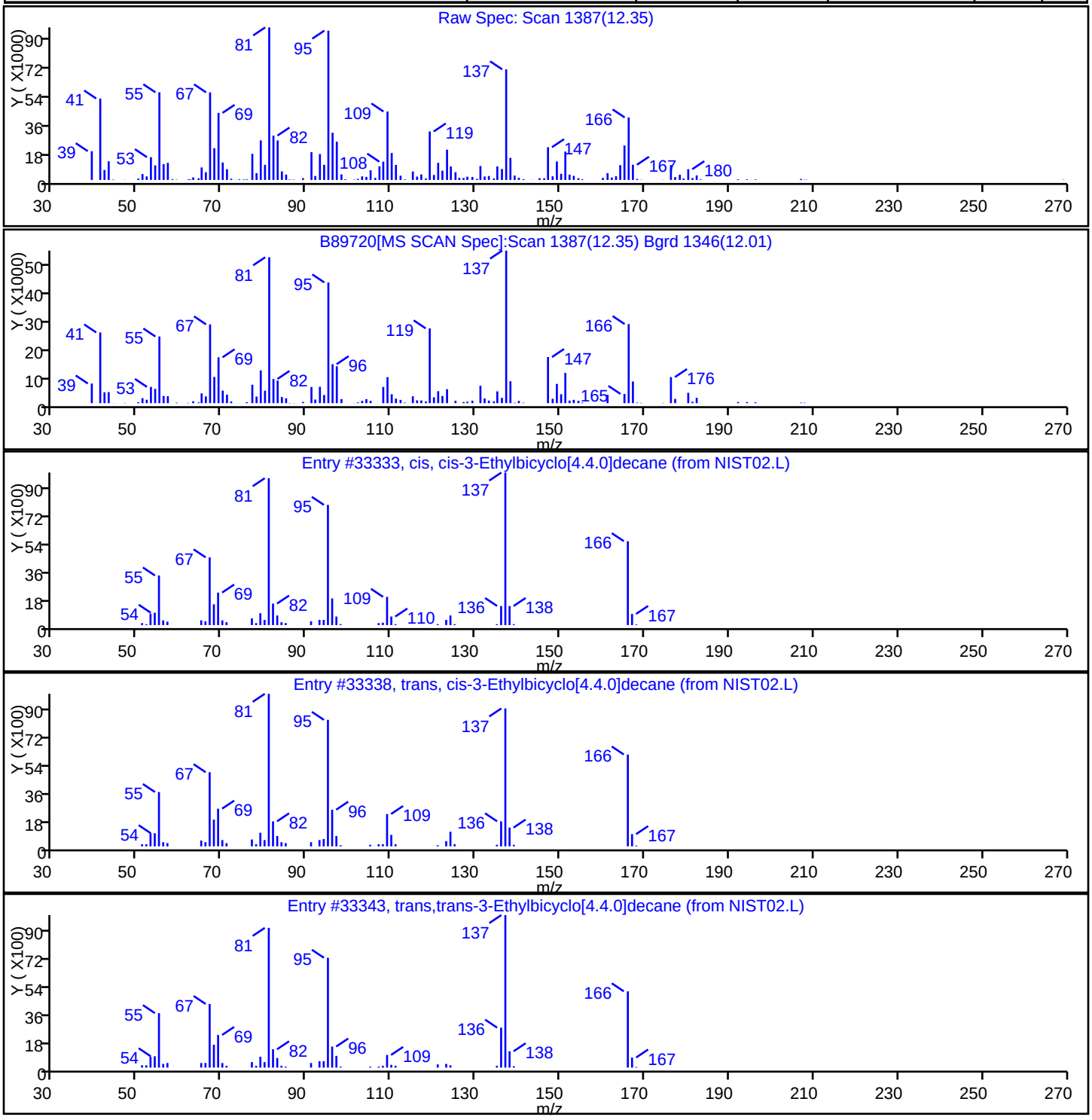
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D
Injection Date: 08-Nov-2015 16:06:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-20-A Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
cis, cis-3-Ethylbicyclo[4.4.0]decane	66660-42-2	NIST02.L	33333	C12H22	166	89
trans, cis-3-Ethylbicyclo[4.4.0]decane	66660-43-3	NIST02.L	33338	C12H22	166	89
trans,trans-3-Ethylbicyclo[4.4.0]decane	58462-32-1	NIST02.L	33343	C12H22	166	89



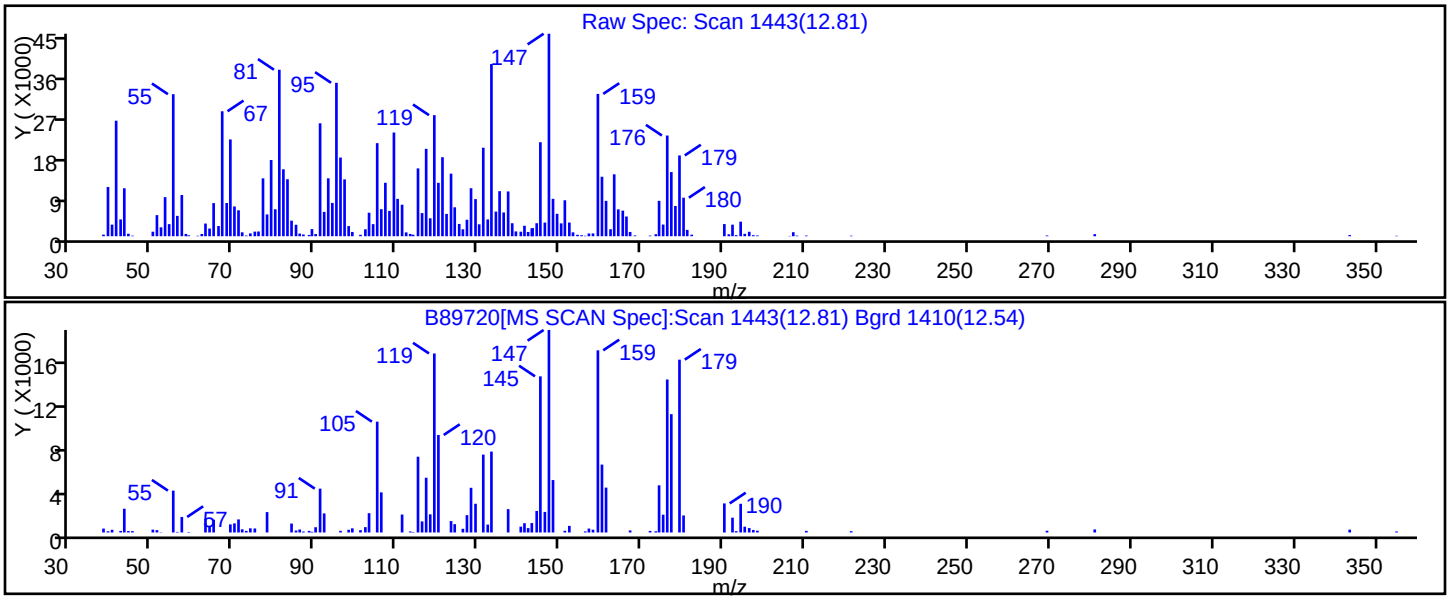
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



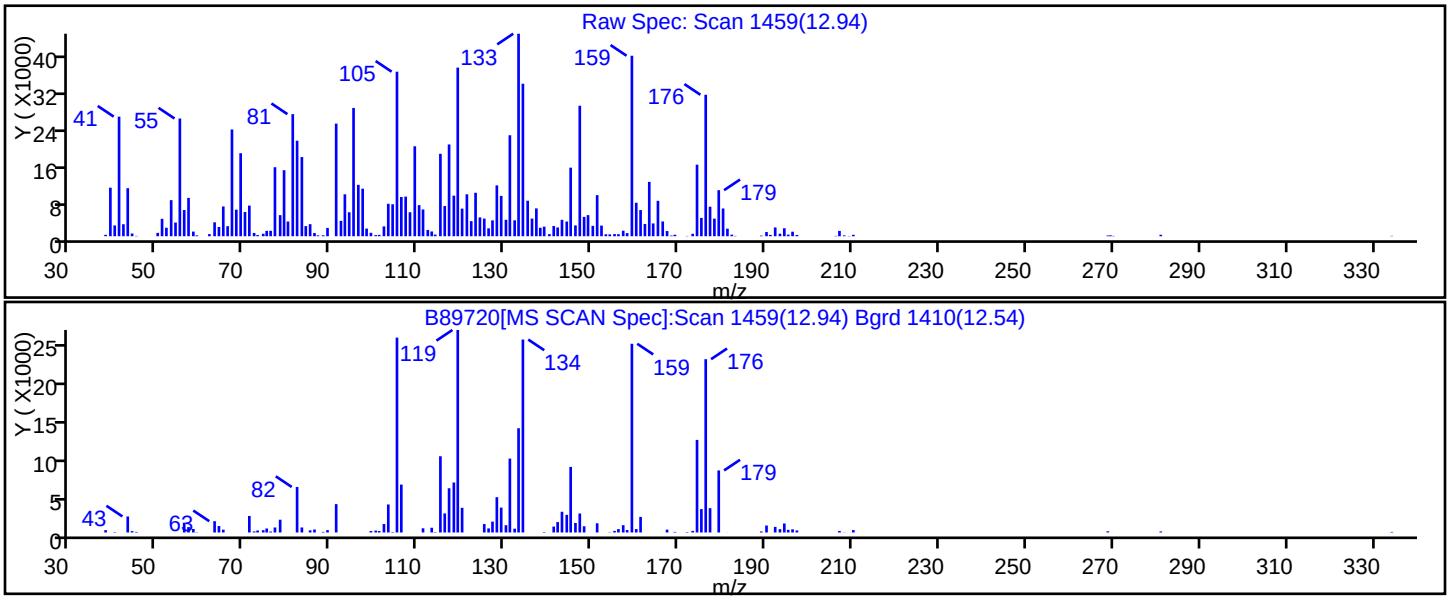
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



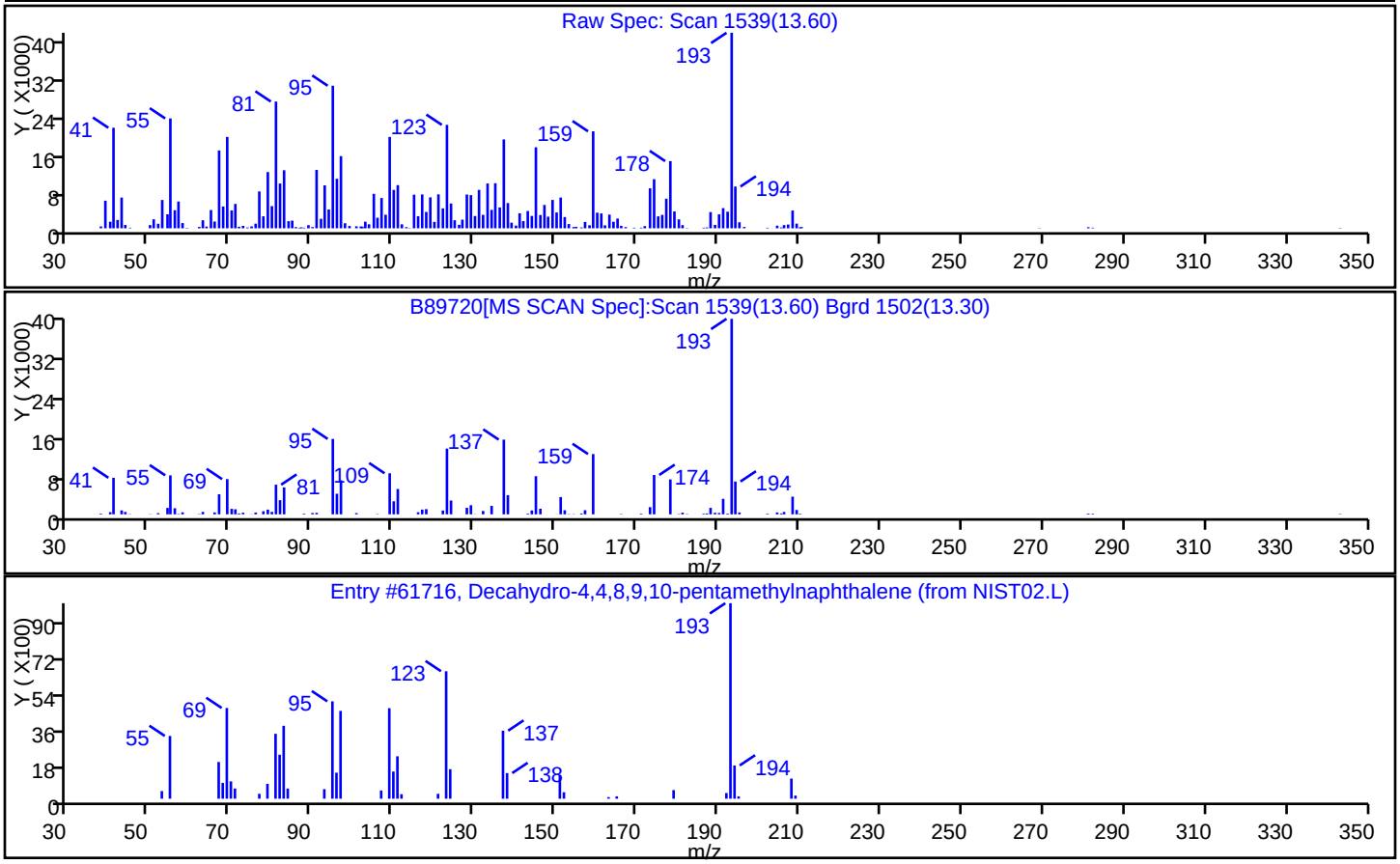
Report Date: 11-Nov-2015 12:44:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89720.D

Injection Date:	08-Nov-2015 16:06:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-20-A	Lab Sample ID:	460-104096-20
Client ID:	PMP-7-NW2-DV		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 | Lab Sample ID: 460-104096-21

Matrix: Solid | Lab File ID: B89721.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:34

Sample wt/vol: 6.596(g) | Date Analyzed: 11/08/2015 16:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18	U	83	18
74-83-9	Bromomethane	15	U	83	15
75-01-4	Vinyl chloride	17	U	83	17
75-00-3	Chloroethane	31	U	83	31
75-09-2	Methylene Chloride	17	U	83	17
67-64-1	Acetone	88	U	410	88
75-15-0	Carbon disulfide	18	U	83	18
75-69-4	Trichlorofluoromethane	12	U	83	12
75-35-4	1,1-Dichloroethene	28	U	83	28
75-34-3	1,1-Dichloroethane	20	U	83	20
156-60-5	trans-1,2-Dichloroethene	15	U	83	15
156-59-2	cis-1,2-Dichloroethene	21	U	83	21
67-66-3	Chloroform	18	U	83	18
78-93-3	2-Butanone	180	U	410	180
107-06-2	1,2-Dichloroethane	21	U	83	21
71-55-6	1,1,1-Trichloroethane	23	U	83	23
56-23-5	Carbon tetrachloride	27	U	83	27
71-43-2	Benzene	16	U	83	16
75-25-2	Bromoform	15	U	83	15
100-42-5	Styrene	14	U	83	14
100-41-4	Ethylbenzene	25	U	83	25
108-90-7	Chlorobenzene	20	U	83	20
110-82-7	Cyclohexane	21	U	83	21
98-82-8	Isopropylbenzene	26	U	83	26
591-78-6	2-Hexanone	59	U	410	59
1634-04-4	MTBE	11	U	83	11
76-13-1	Freon TF	28	U	83	28
79-20-9	Methyl acetate	48	U	410	48
123-91-1	1,4-Dioxane	720	U *	2100	720
79-01-6	Trichloroethene	18	U	83	18
108-88-3	Toluene	21	U	83	21
10061-02-6	trans-1,3-Dichloropropene	16	U	83	16
108-10-1	4-Methyl-2-pentanone	52	U	410	52
10061-01-5	cis-1,3-Dichloropropene	13	U	83	13
95-50-1	1,2-Dichlorobenzene	18	U	83	18
541-73-1	1,3-Dichlorobenzene	27	U	83	27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 | Lab Sample ID: 460-104096-21

Matrix: Solid | Lab File ID: B89721.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:34

Sample wt/vol: 6.596(g) | Date Analyzed: 11/08/2015 16:29

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 | Level: (low/med) Medium

Analysis Batch No.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	27	U	83	27
120-82-1	1,2,4-Trichlorobenzene	840		83	22
87-61-6	1,2,3-Trichlorobenzene	29	U	83	29
78-87-5	1,2-Dichloropropane	15	U	83	15
108-87-2	Methylcyclohexane	18	U	83	18
127-18-4	Tetrachloroethene	30	U	83	30
1330-20-7	Xylenes, Total	23	U	170	23
96-12-8	1,2-Dibromo-3-Chloropropane	19	U	83	19
79-34-5	1,1,2,2-Tetrachloroethane	16	U	83	16
79-00-5	1,1,2-Trichloroethane	6.6	U	83	6.6
124-48-1	Dibromochloromethane	18	U	83	18
106-93-4	1,2-Dibromoethane	16	U	83	16
75-71-8	Dichlorodifluoromethane	12	U	83	12
74-97-5	Bromochloromethane	25	U	83	25
75-27-4	Bromodichloromethane	12	U	83	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		69-145
2037-26-5	Toluene-d8 (Surr)	105		72-136
460-00-4	Bromofluorobenzene	103		64-131
1868-53-7	Dibromofluoromethane (Surr)	99		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 Lab Sample ID: 460-104096-21

Matrix: Solid Lab File ID: B89721.D

Analysis Method: 8260C Date Collected: 11/05/2015 11:34

Sample wt/vol: 6.596(g) Date Analyzed: 11/08/2015 16:29

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 10(mL) GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.2 Level: (low/med) Medium

Analysis Batch No.: 333935 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 40000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
2958-76-1	Naphthalene, decahydro-2-methyl-	11.29	2900	J N
2547-27-5	trans-4a-Methyl-decahydronaphthalene	11.45	3700	J N
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.87	8900	J N
	Unknown	12.25	3700	J
66660-38-6	cis,trans-2-Ethylbicyclo[4.4.0]decane	12.35	3500	J N
	Unknown	12.57	2800	J
	Unknown	12.73	4400	J
	Unknown	12.85	3500	J
	Unknown	12.91	3200	J
	Unknown	13.60	3400	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D
Lims ID: 460-104096-A-21-A Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Sample Type: Client
Inject. Date: 08-Nov-2015 16:29:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-21-A
Misc. Info.: 460-0033958-023
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:14 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:35:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	86	146561	1000.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	155354	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	91	106347	49.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	94	104841	47.8	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	423215	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	90	16767	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	99	375782	52.6	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	364007	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	160020	51.5	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	220810	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	90	33732	10.1	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D
Lims ID: 460-104096-A-21-A Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Sample Type: Client
Inject. Date: 08-Nov-2015 16:29:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-21-A
Misc. Info.: 460-0033958-023
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:14 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:35:22

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
2958-76-1 Naphthalene, decahydro-2-methyl-								
11.290	835064	34.8	119	97	24328	C11H20	152	
2547-27-5 trans-4a-Methyl-decahydronaphthalene								
11.454	1071326	44.6	119	86	24332	C11H20	152	
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-								
11.874	2597618	108.2	119	90	33325	C12H22	166	
Unknown								
12.253	1065917	44.4	119					
66660-38-6 cis,trans-2-Ethylbicyclo[4.4.0]decane								
12.351	1027254	42.8	119	90	33335	C12H22	166	
Unknown								
12.565	815369	34.0	119					
Unknown								
12.730	1281688	53.4	119					
Unknown								
12.845	1023225	42.6	119					
Unknown								
12.911	936725	39.0	119					
Unknown								
13.602	978763	40.8	119					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	1200404	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

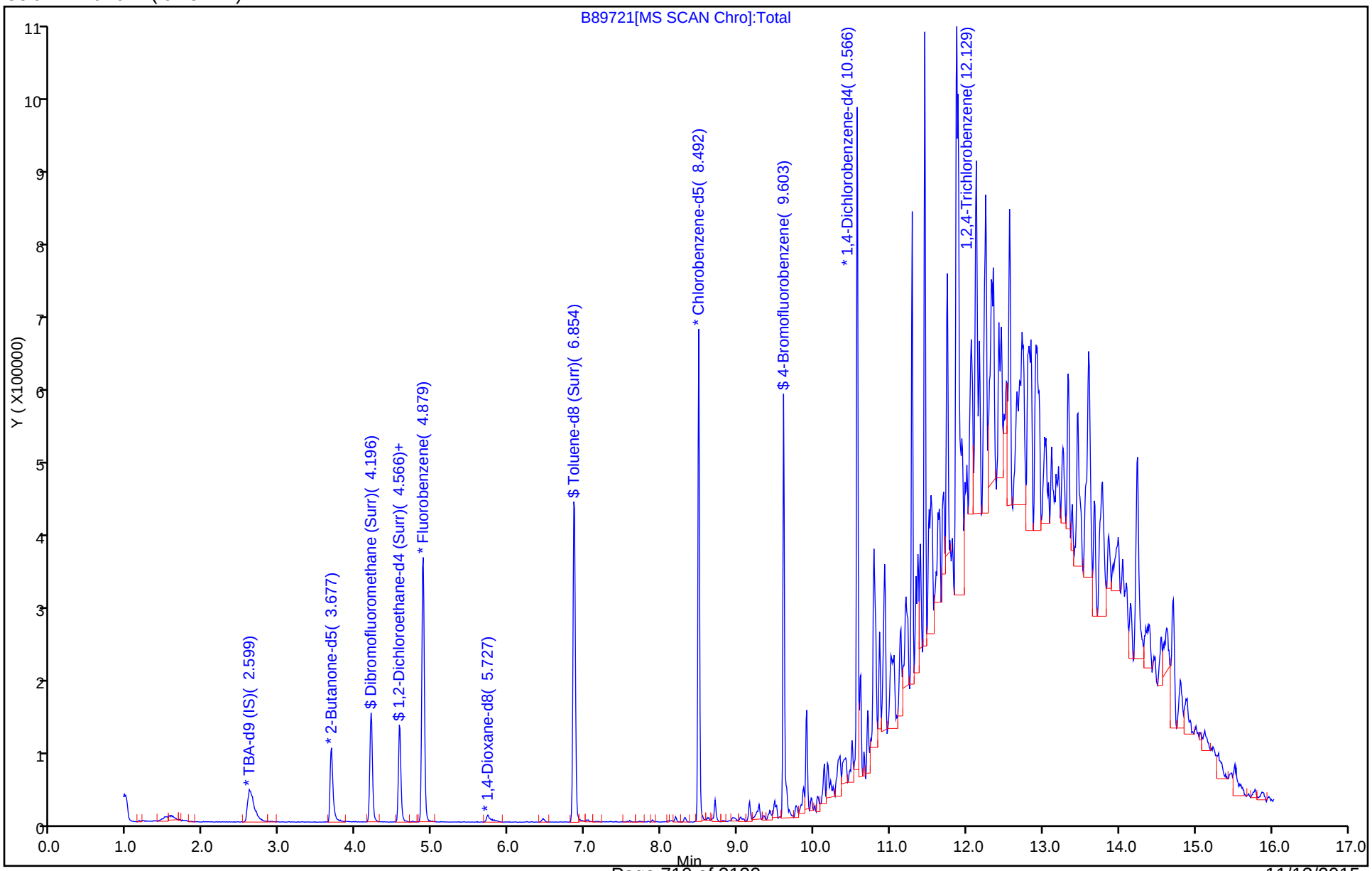
Report Date: 11-Nov-2015 12:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21	Worklist Smp#:	23
Client ID:	PMP-7-NW2-5.25				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	22
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

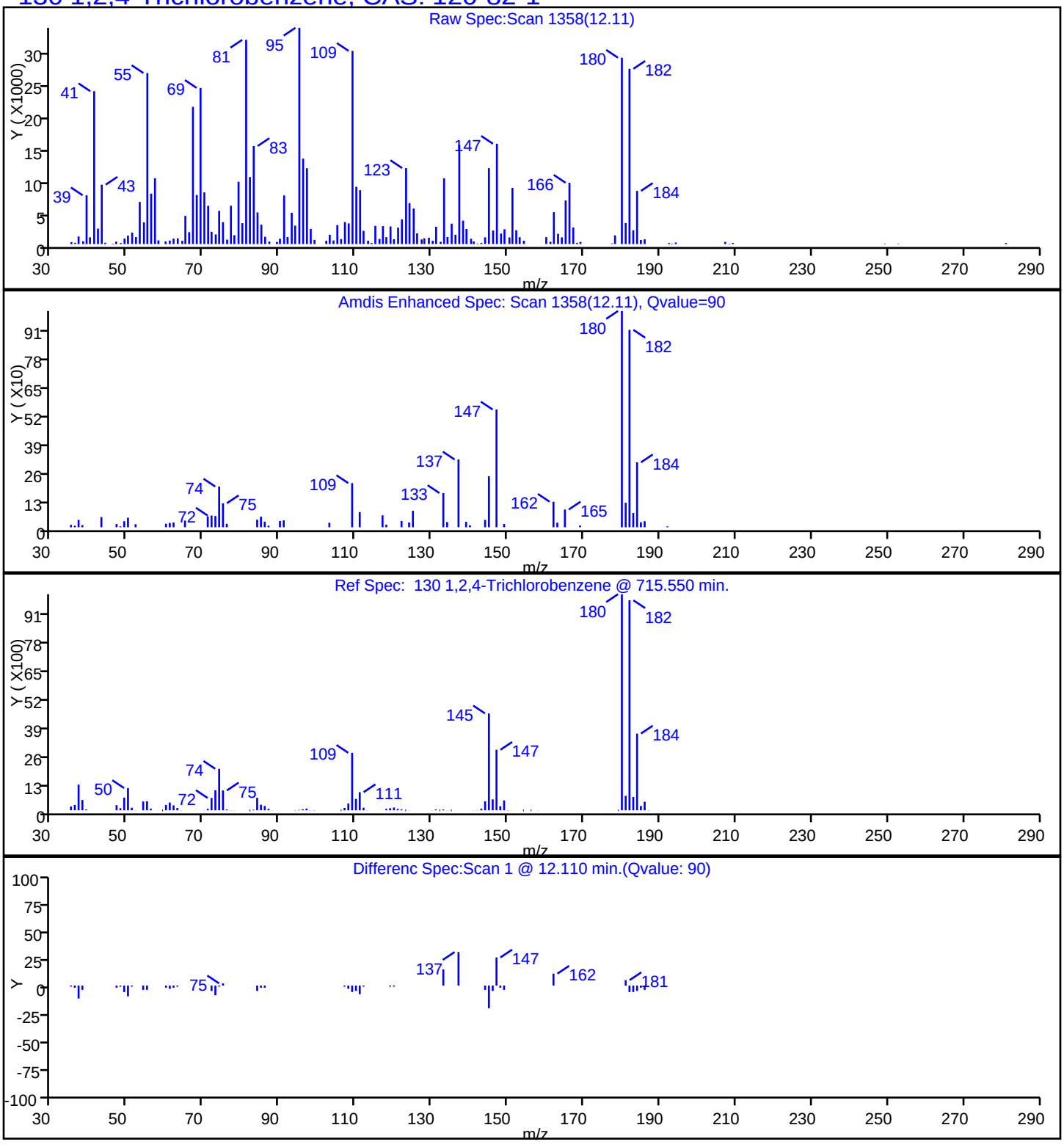
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D				
Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

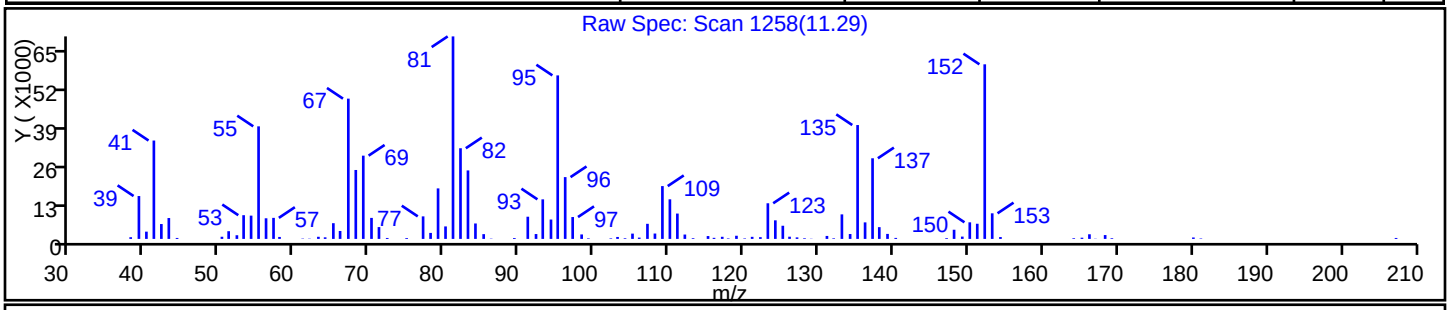
130 1,2,4-Trichlorobenzene, CAS: 120-82-1

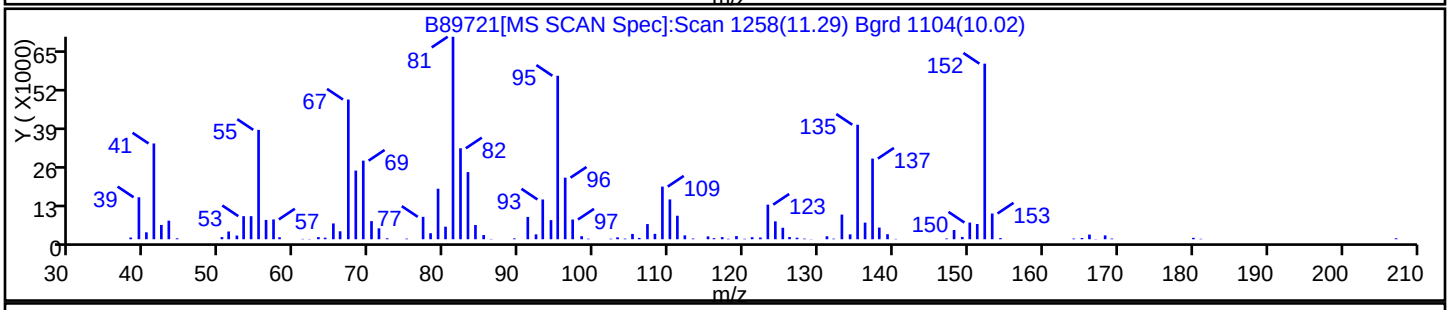


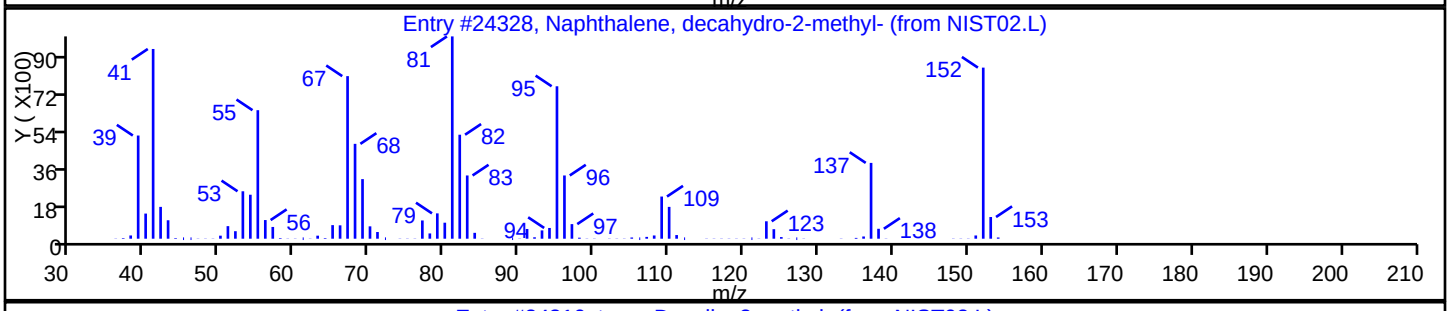
TestAmerica Edison

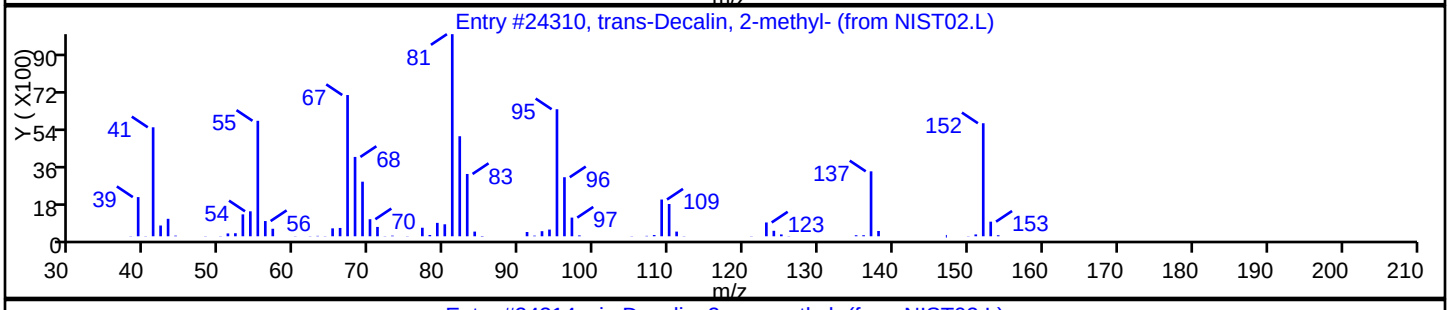
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D
Injection Date: 08-Nov-2015 16:29:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-21-A Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Operator ID: ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

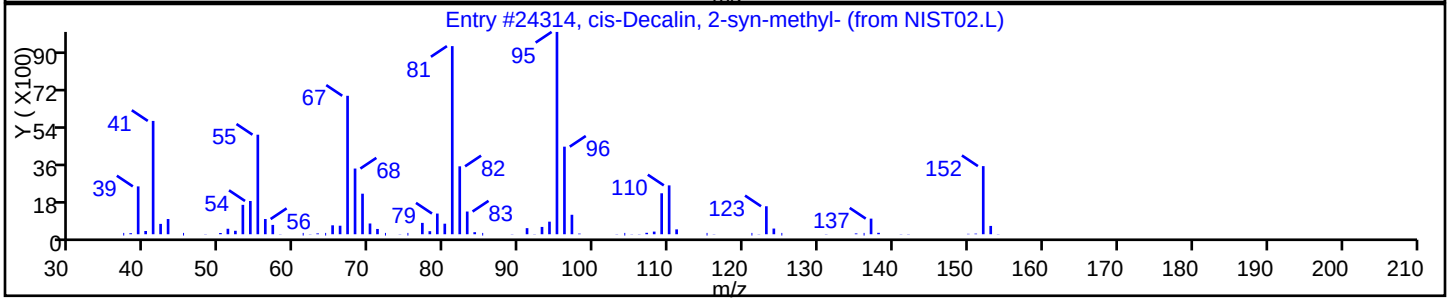
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	97
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	96
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	95









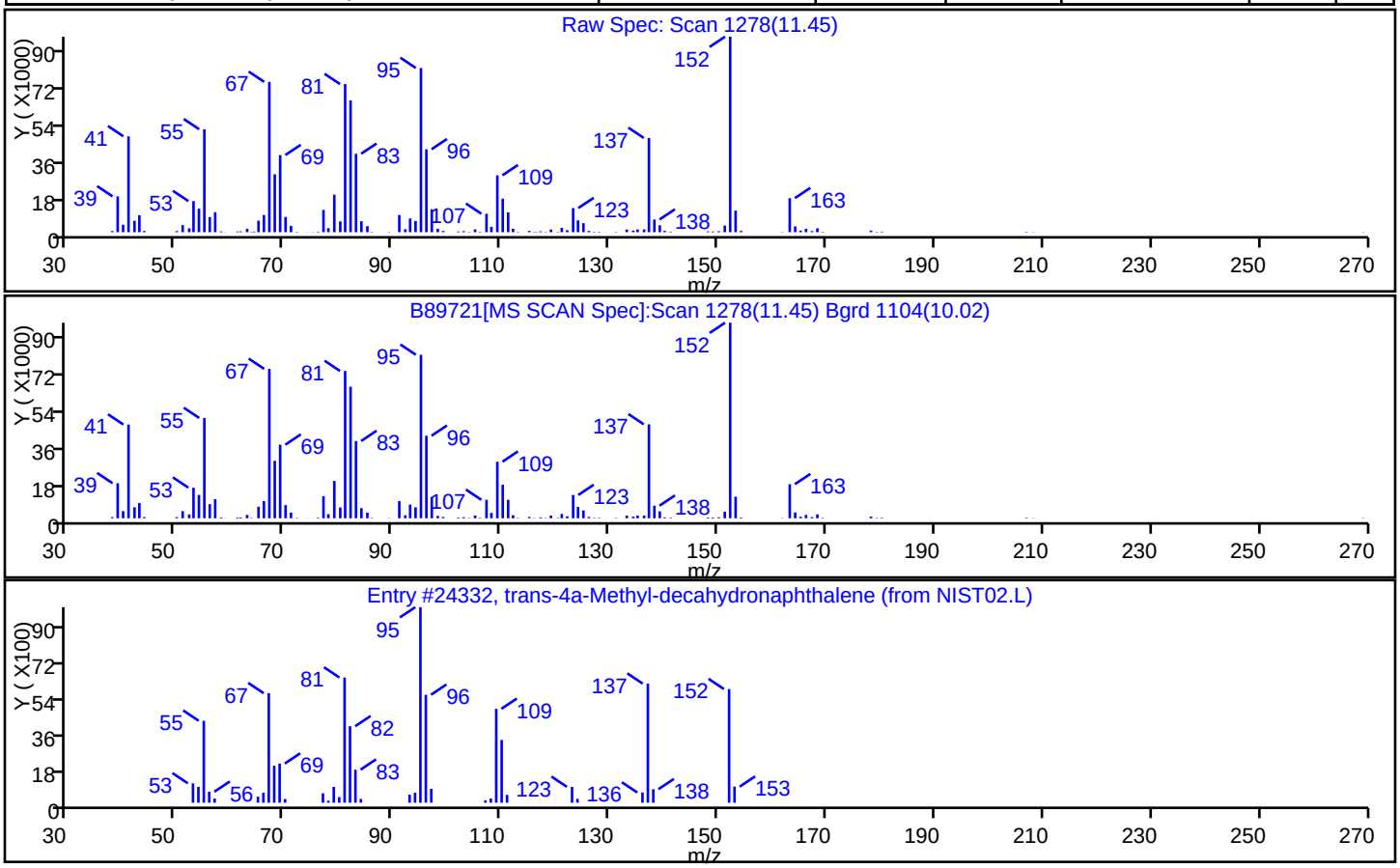


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-4a-Methyl-decahydronaphthalene	2547-27-5	NIST02.L	24332	C11H20	152	86



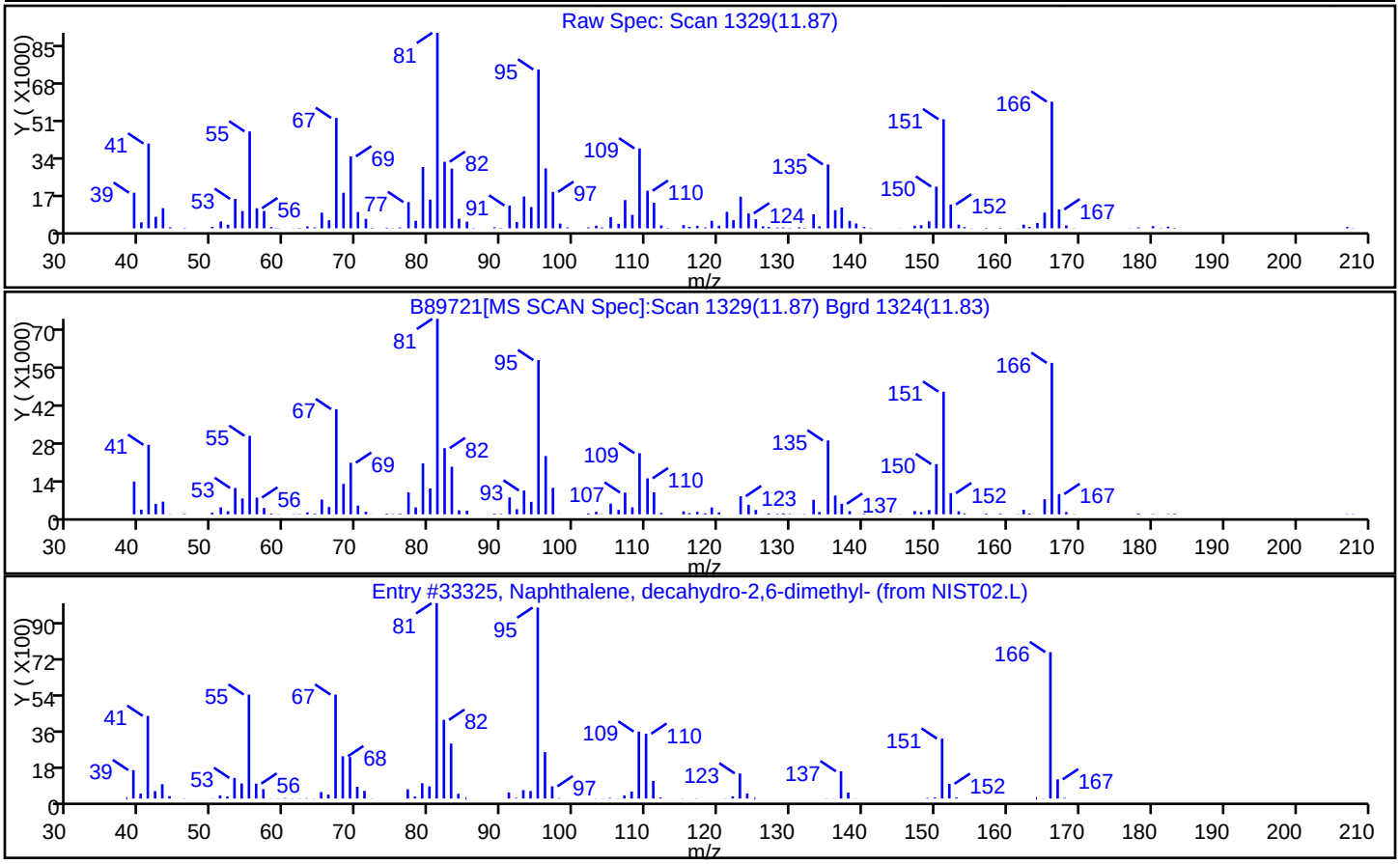
Report Date: 11-Nov-2015 12:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	90



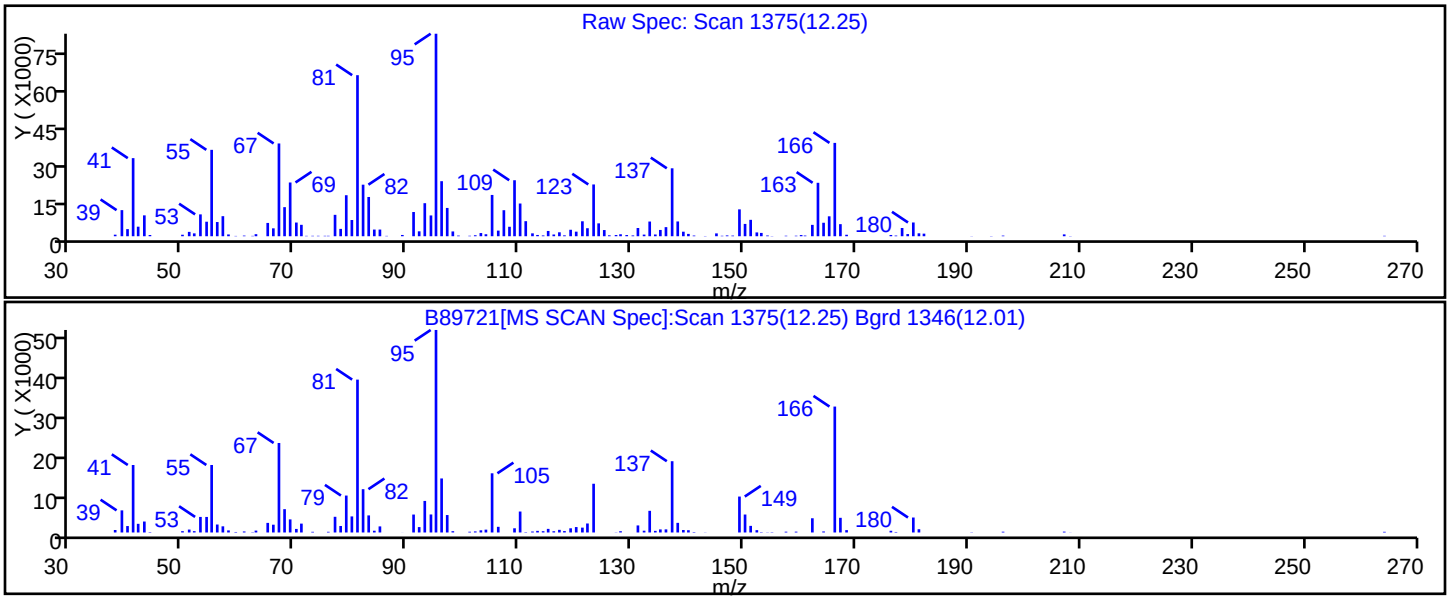
Report Date: 11-Nov-2015 12:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

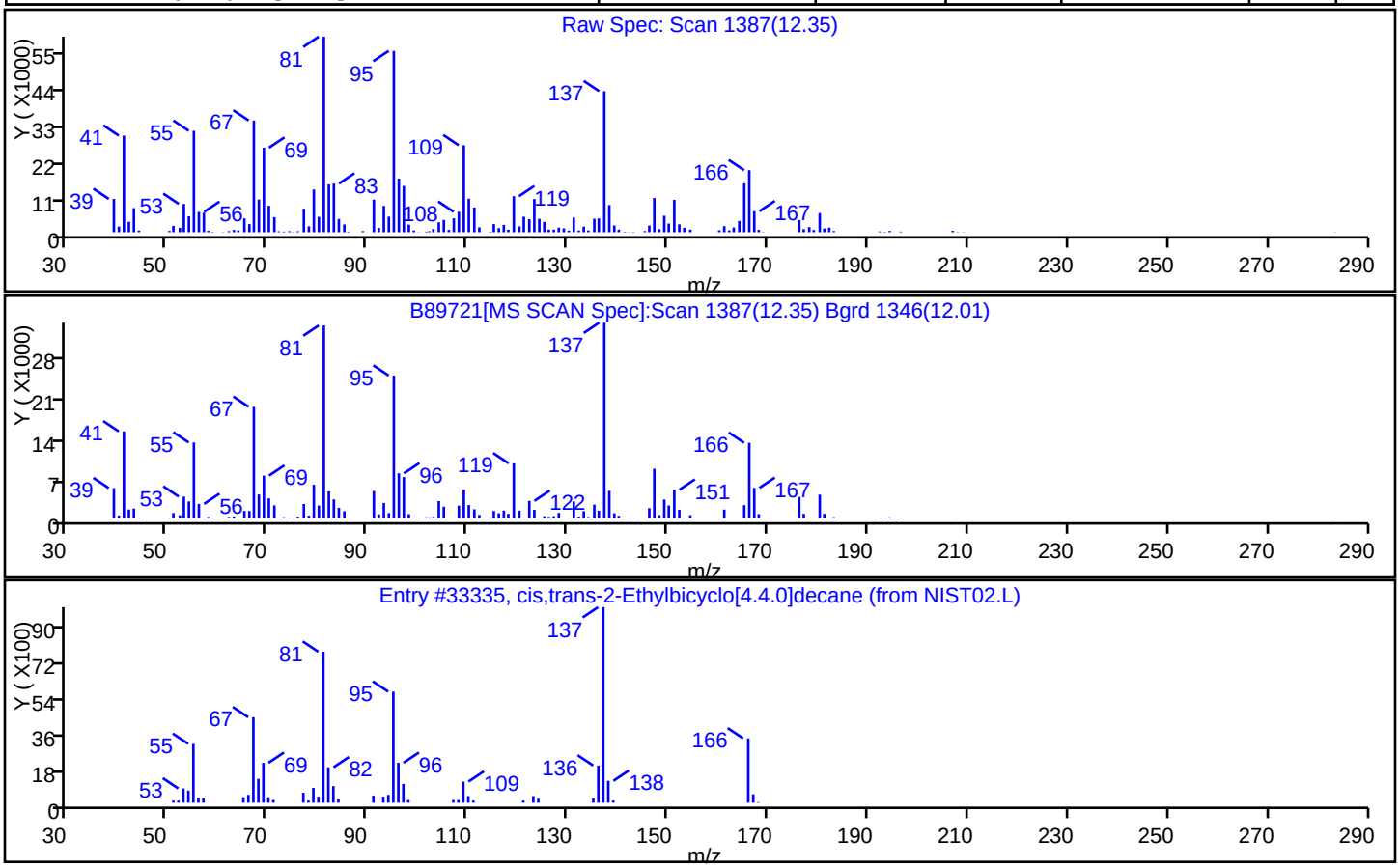


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
cis,trans-2-Ethylbicyclo[4.4.0]decane	66660-38-6	NIST02.L	33335	C12H22	166	90



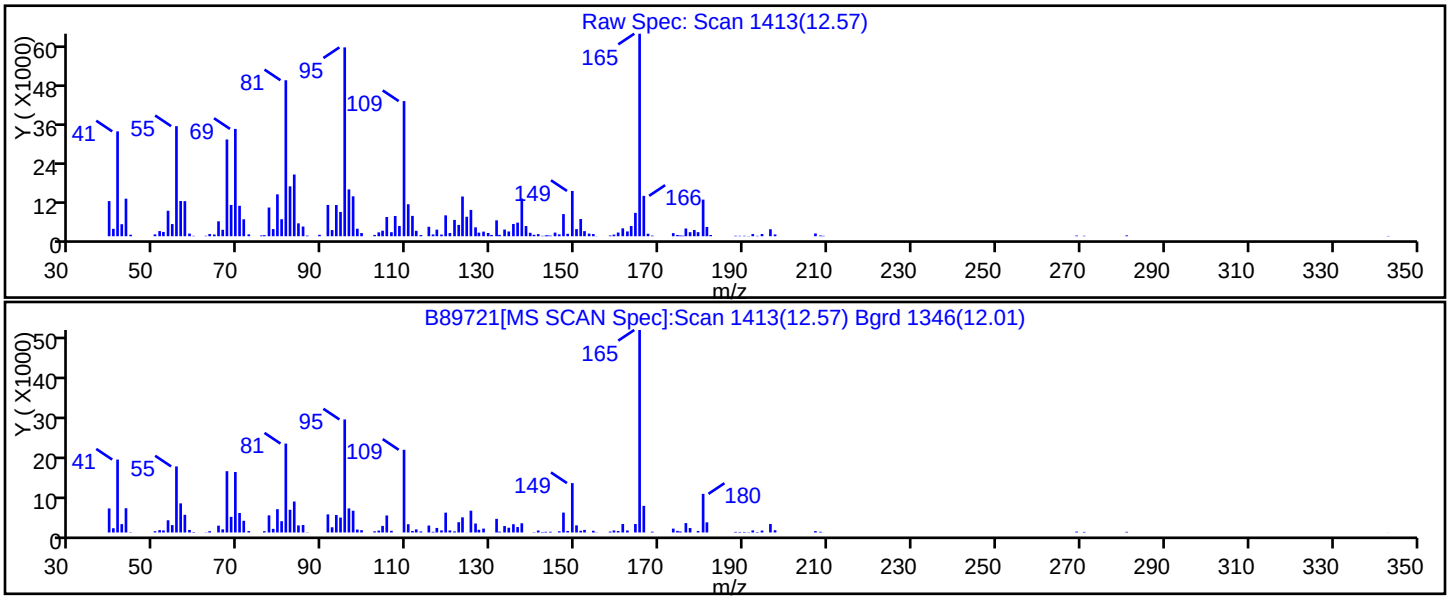
Report Date: 11-Nov-2015 12:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



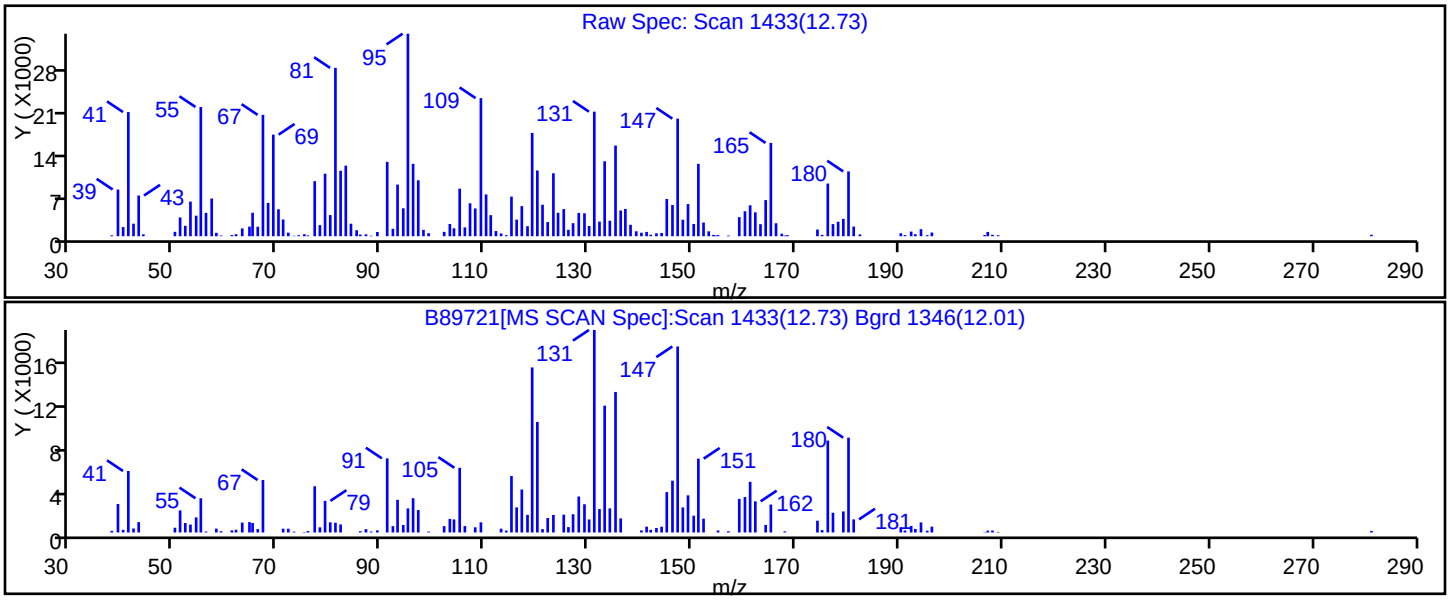
Report Date: 11-Nov-2015 12:45:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



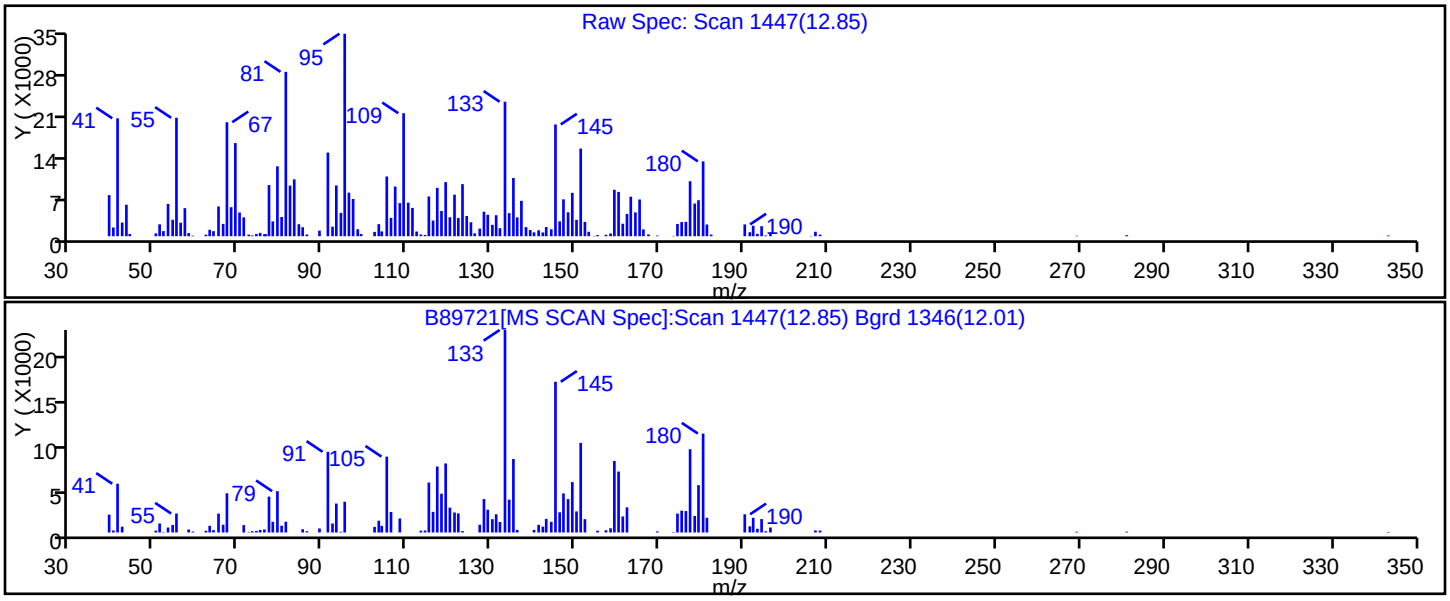
Report Date: 11-Nov-2015 12:45:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



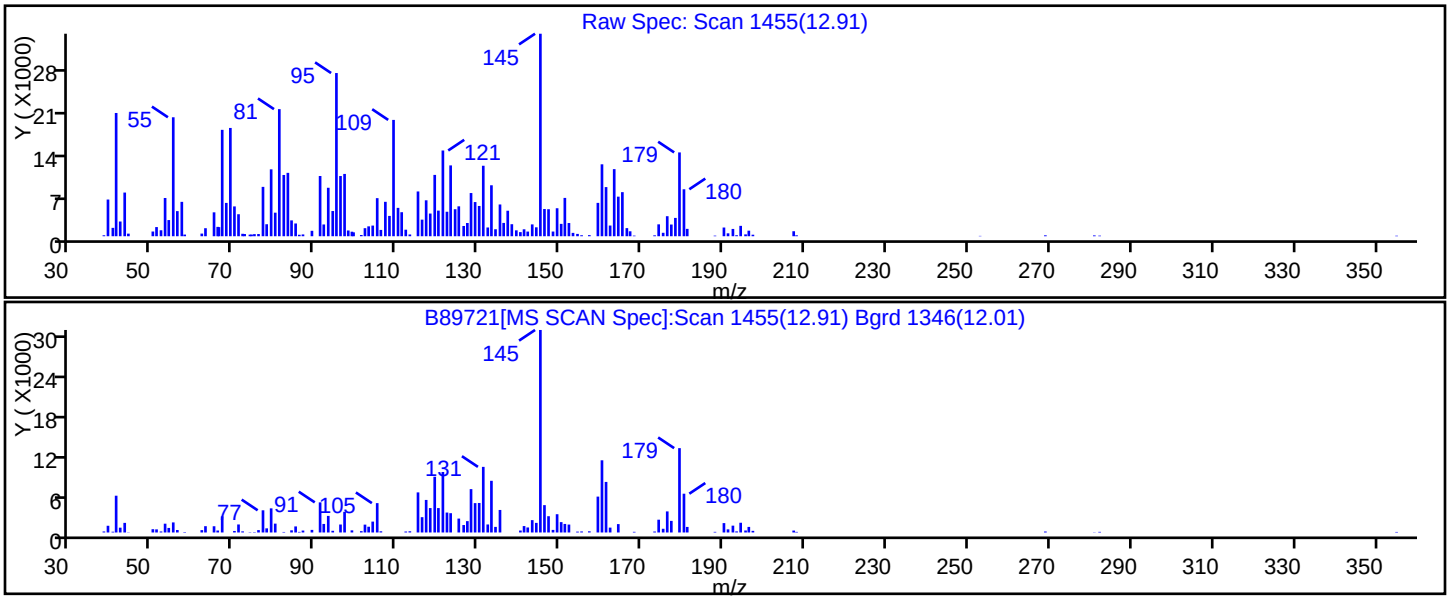
Report Date: 11-Nov-2015 12:45:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



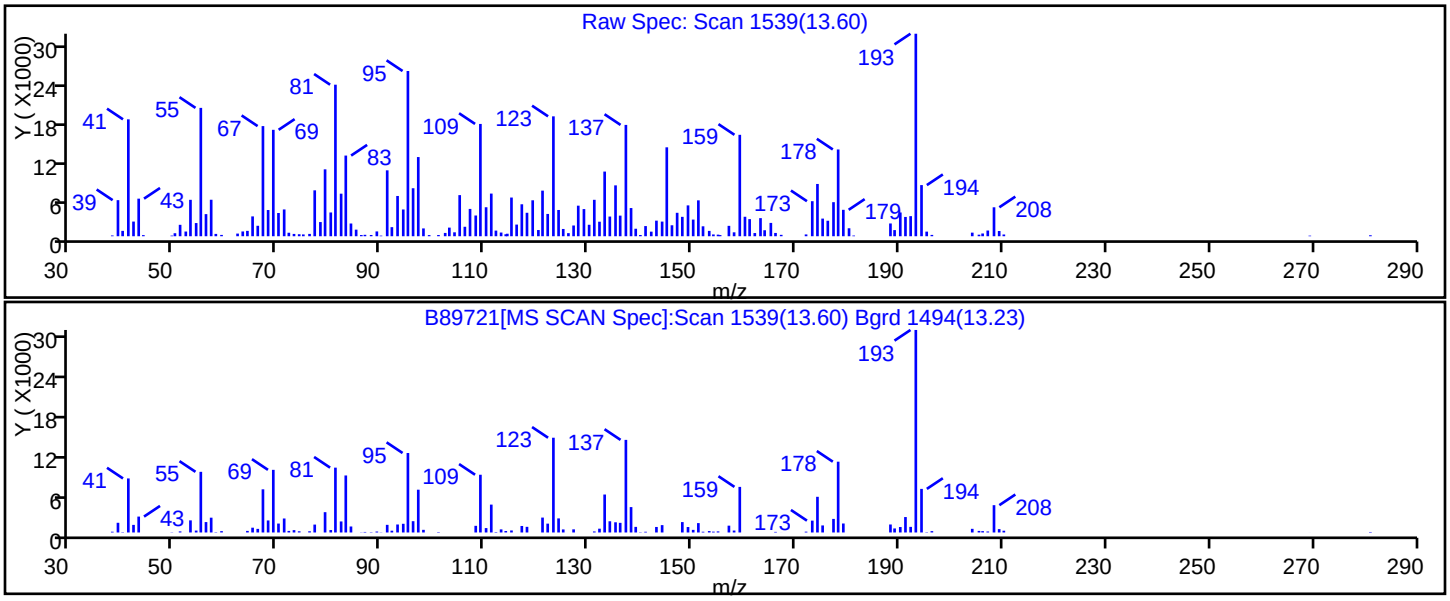
Report Date: 11-Nov-2015 12:45:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89721.D

Injection Date:	08-Nov-2015 16:29:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-21-A	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT | Lab Sample ID: 460-104096-22

Matrix: Solid | Lab File ID: B89741.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:21

Sample wt/vol: 4.829(g) | Date Analyzed: 11/09/2015 15:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	25	U	110	25
74-83-9	Bromomethane	21	U	110	21
75-01-4	Vinyl chloride	23	U	110	23
75-00-3	Chloroethane	42	U	110	42
75-09-2	Methylene Chloride	24	U	110	24
67-64-1	Acetone	120	U	570	120
75-15-0	Carbon disulfide	25	U	110	25
75-69-4	Trichlorofluoromethane	17	U	110	17
75-35-4	1,1-Dichloroethene	39	U	110	39
75-34-3	1,1-Dichloroethane	27	U	110	27
156-60-5	trans-1,2-Dichloroethene	21	U	110	21
156-59-2	cis-1,2-Dichloroethene	30	U	110	30
67-66-3	Chloroform	25	U	110	25
78-93-3	2-Butanone	250	U	570	250
107-06-2	1,2-Dichloroethane	29	U	110	29
71-55-6	1,1,1-Trichloroethane	32	U	110	32
56-23-5	Carbon tetrachloride	38	U	110	38
71-43-2	Benzene	22	U	110	22
75-25-2	Bromoform	21	U	110	21
100-42-5	Styrene	19	U	110	19
100-41-4	Ethylbenzene	34	U	110	34
108-90-7	Chlorobenzene	27	U	110	27
110-82-7	Cyclohexane	30	U	110	30
98-82-8	Isopropylbenzene	37	U	110	37
591-78-6	2-Hexanone	82	U	570	82
1634-04-4	MTBE	15	U	110	15
76-13-1	Freon TF	39	U	110	39
79-20-9	Methyl acetate	66	U	570	66
123-91-1	1,4-Dioxane	990	U *	2900	990
79-01-6	Trichloroethene	25	U	110	25
108-88-3	Toluene	29	U	110	29
10061-02-6	trans-1,3-Dichloropropene	22	U	110	22
108-10-1	4-Methyl-2-pentanone	72	U	570	72
10061-01-5	cis-1,3-Dichloropropene	18	U	110	18
95-50-1	1,2-Dichlorobenzene	25	U	110	25
541-73-1	1,3-Dichlorobenzene	38	U	110	38

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT | Lab Sample ID: 460-104096-22

Matrix: Solid | Lab File ID: B89741.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:21

Sample wt/vol: 4.829(g) | Date Analyzed: 11/09/2015 15:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	38	U	110	38
120-82-1	1,2,4-Trichlorobenzene	2500		110	31
87-61-6	1,2,3-Trichlorobenzene	470		110	40
78-87-5	1,2-Dichloropropane	21	U	110	21
108-87-2	Methylcyclohexane	25	U	110	25
127-18-4	Tetrachloroethene	41	U	110	41
1330-20-7	Xylenes, Total	32	U	230	32
96-12-8	1,2-Dibromo-3-Chloropropane	26	U	110	26
79-34-5	1,1,2,2-Tetrachloroethane	22	U	110	22
79-00-5	1,1,2-Trichloroethane	9.1	U *	110	9.1
124-48-1	Dibromochloromethane	25	U	110	25
106-93-4	1,2-Dibromoethane	22	U	110	22
75-71-8	Dichlorodifluoromethane	16	U	110	16
74-97-5	Bromochloromethane	34	U	110	34
75-27-4	Bromodichloromethane	17	U	110	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		69-145
2037-26-5	Toluene-d8 (Surr)	98		72-136
460-00-4	Bromofluorobenzene	97		64-131
1868-53-7	Dibromofluoromethane (Surr)	100		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT | Lab Sample ID: 460-104096-22

Matrix: Solid | Lab File ID: B89741.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:21

Sample wt/vol: 4.829(g) | Date Analyzed: 11/09/2015 15:38

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.4 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 57000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	10.79	5300	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	4600	J N
1000155-85-6	cis-Decalin, 2-syn-methyl-	11.45	4900	J N
2050-24-0	Benzene, 1,3-diethyl-5-methyl-	11.53	4600	J N
1595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	11.78	5700	J N
	Unknown	11.87	10000	J
	Unknown	12.06	5000	J
	Unknown	12.75	4500	J
	Unknown	12.85	5500	J
	Unknown	13.03	6900	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D
Lims ID: 460-104096-A-22-A Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Sample Type: Client
Inject. Date: 09-Nov-2015 15:38:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-22-A
Misc. Info.: 460-0033978-014
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:37:11 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 13:37:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.583	0.024	86	140582	1000.0	
* 158 2-Butanone-d5	46	3.669	3.661	0.008	98	157107	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.187	4.188	-0.001	92	108633	49.9	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	95	102878	46.3	
* 62 Fluorobenzene	96	4.879	4.871	0.008	100	428489	50.0	
* 69 1,4-Dioxane-d8	96	5.735	5.702	0.033	89	16318	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	358063	49.2	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	84	370851	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	153636	48.6	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	225357	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	94	73821	21.7	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	76	12745	4.07	M

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D
Lims ID: 460-104096-A-22-A Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Sample Type: Client
Inject. Date: 09-Nov-2015 15:38:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-22-A
Misc. Info.: 460-0033978-014
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:37:11 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 13:37:11

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
10.788	1164955	46.3	119					
	1000152-47-3 trans-Decalin, 2-methyl-							
11.290	1019827	40.5	119	95	24310	C11H20	152	
	1000155-85-6 cis-Decalin, 2-syn-methyl-							
11.454	1071304	42.5	119	89	24314	C11H20	152	
	2050-24-0 Benzene, 1,3-diethyl-5-methyl-							
11.528	1013441	40.2	119	93	21819	C11H16	148	
	1595-16-0 Benzene, 1-methyl-4-(1-methylpropyl)-							
11.784	1247606	49.5	119	92	21844	C11H16	148	
		Unknown						
11.866	2233365	88.7	119					
		Unknown						
12.055	1094768	43.5	119					
		Unknown						
12.746	995620	39.5	119					
		Unknown						
12.845	1211942	48.1	119					
		Unknown						
13.034	1528240	60.7	119					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	1259108	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

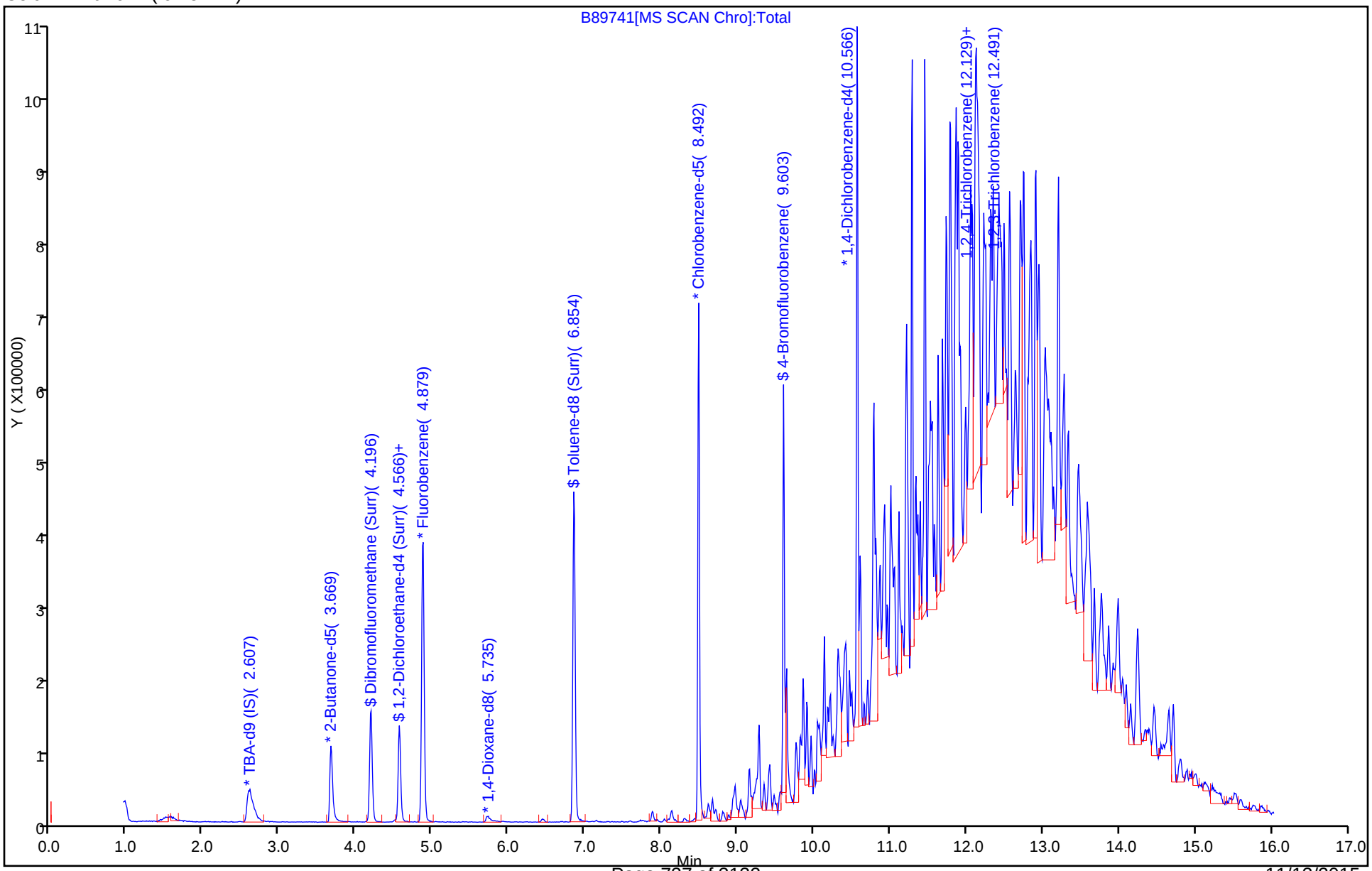
Report Date: 11-Nov-2015 13:37:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22	Worklist Smp#:	14
Client ID:	PMP-7-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	13
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

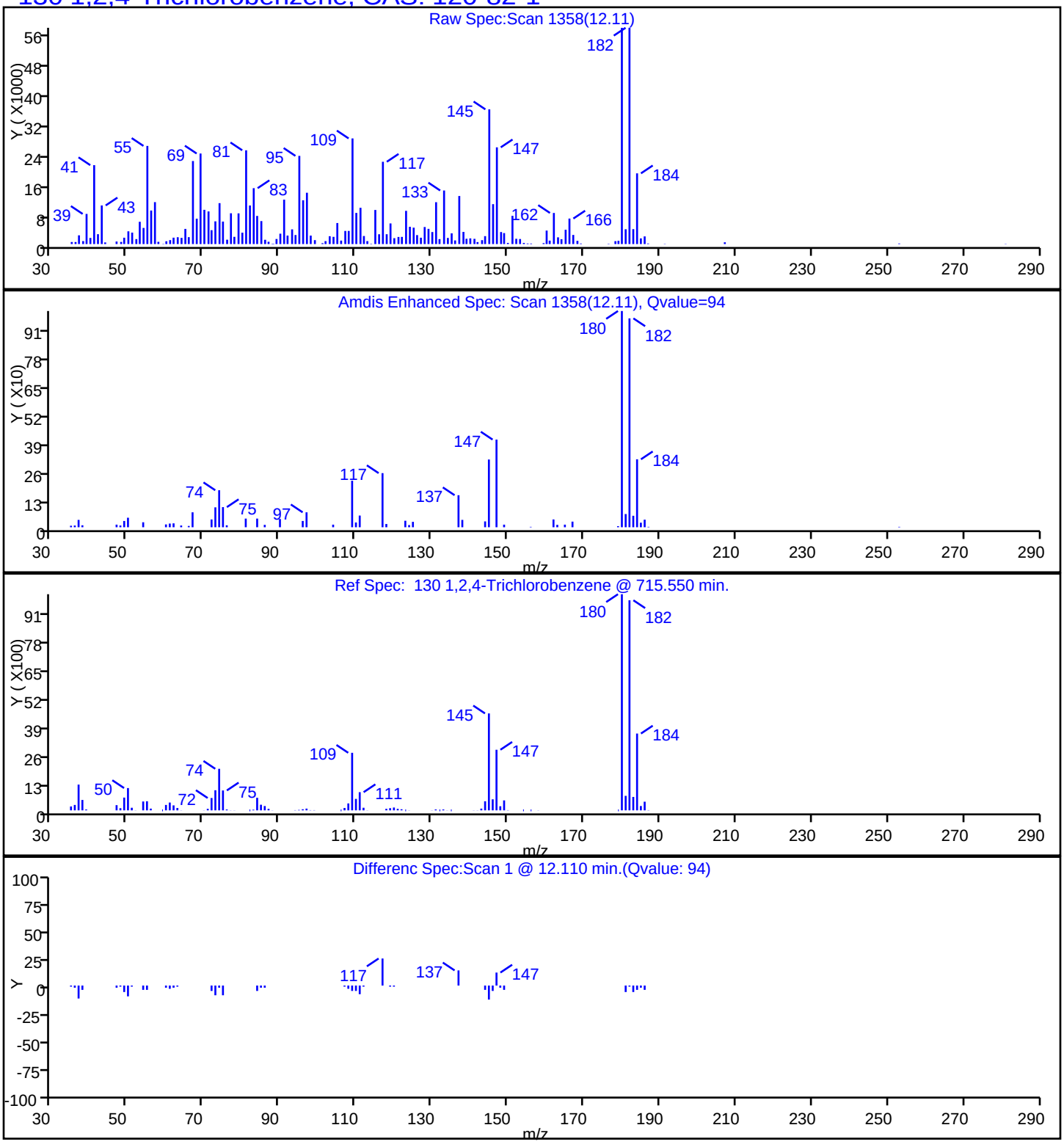
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D		
Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

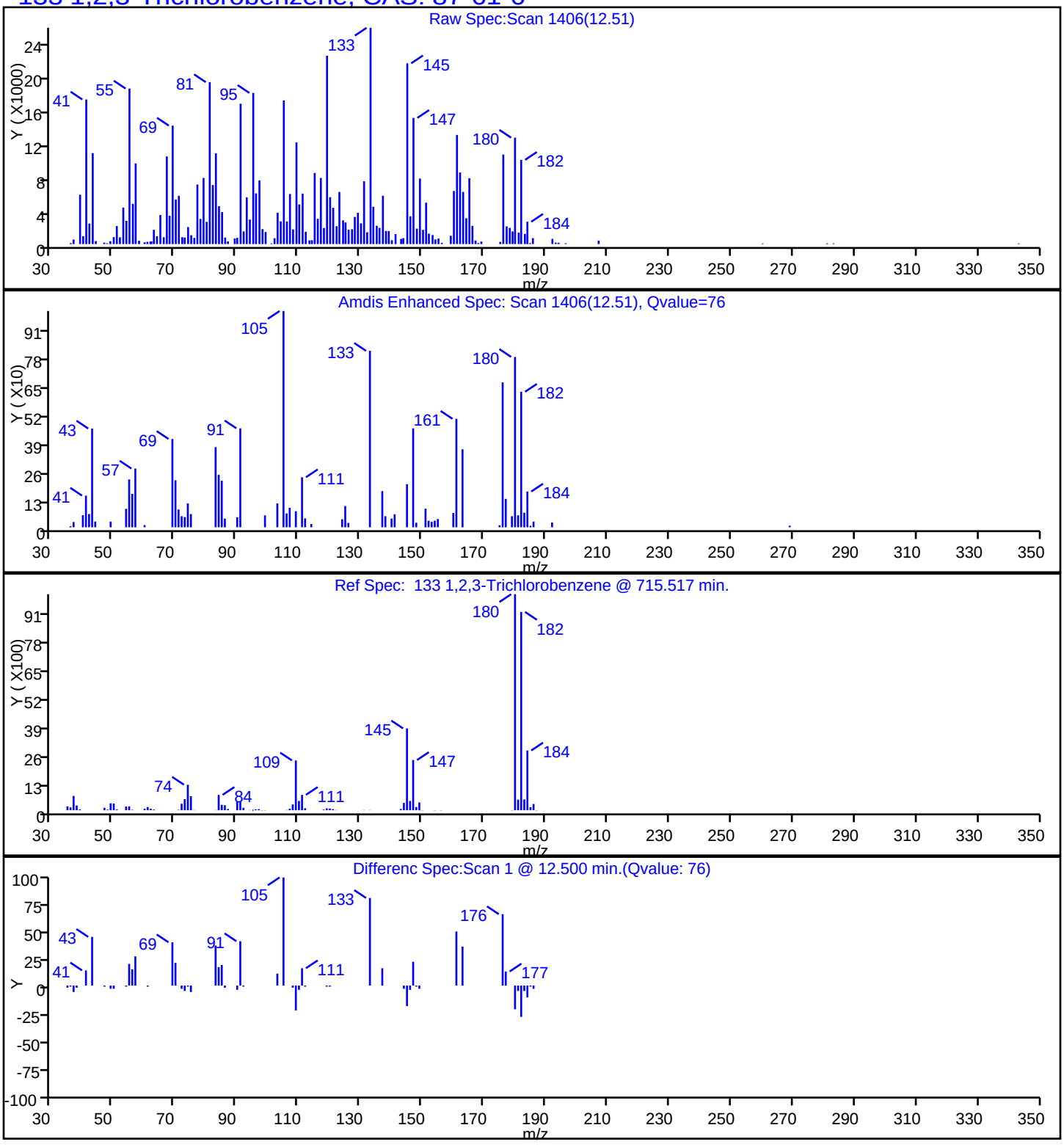
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D		
Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6



Manual Integration/User Assign Peak Report

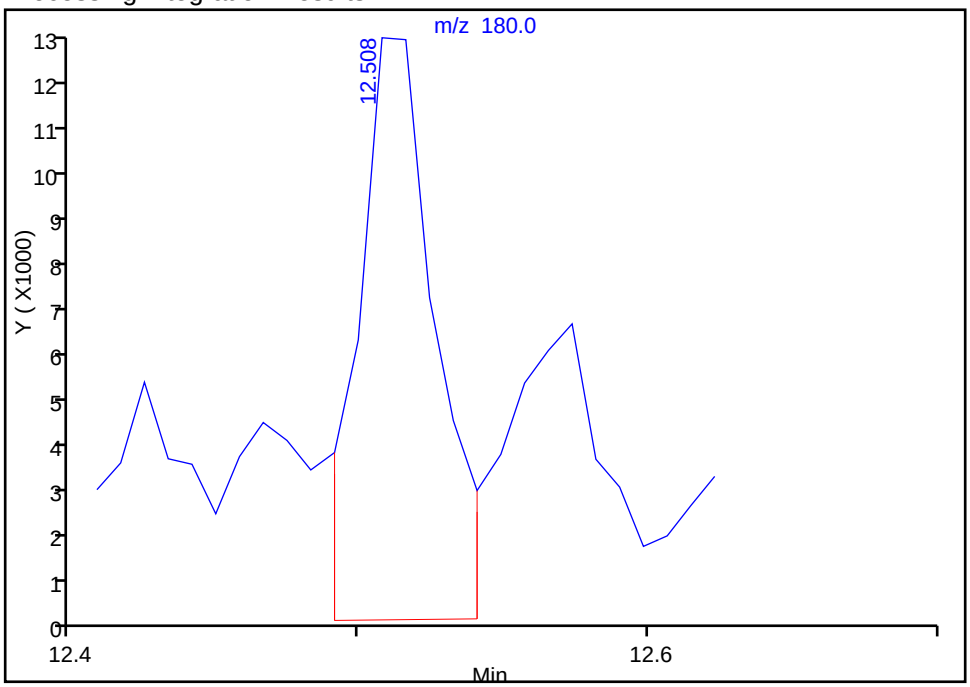
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D				
Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

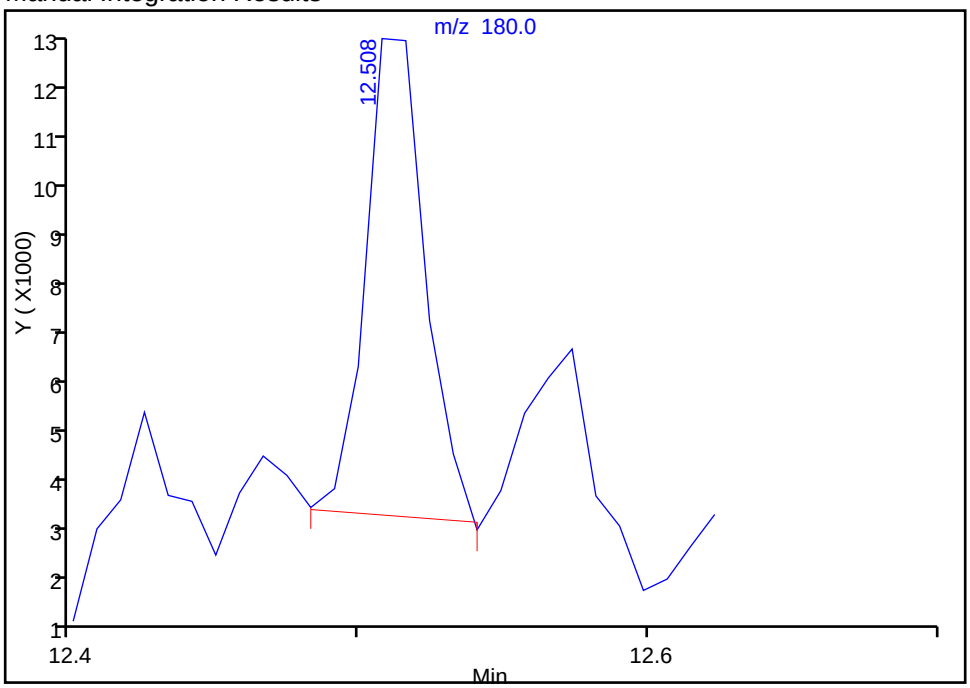
Processing Integration Results

RT: 12.51
Area: 22615
Amount: 7.224869
Amount Units: ug/l



Manual Integration Results

RT: 12.51
Area: 12745
Amount: 4.071676
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 13:37:11
Audit Action: Manually Integrated
Audit Reason: Baseline

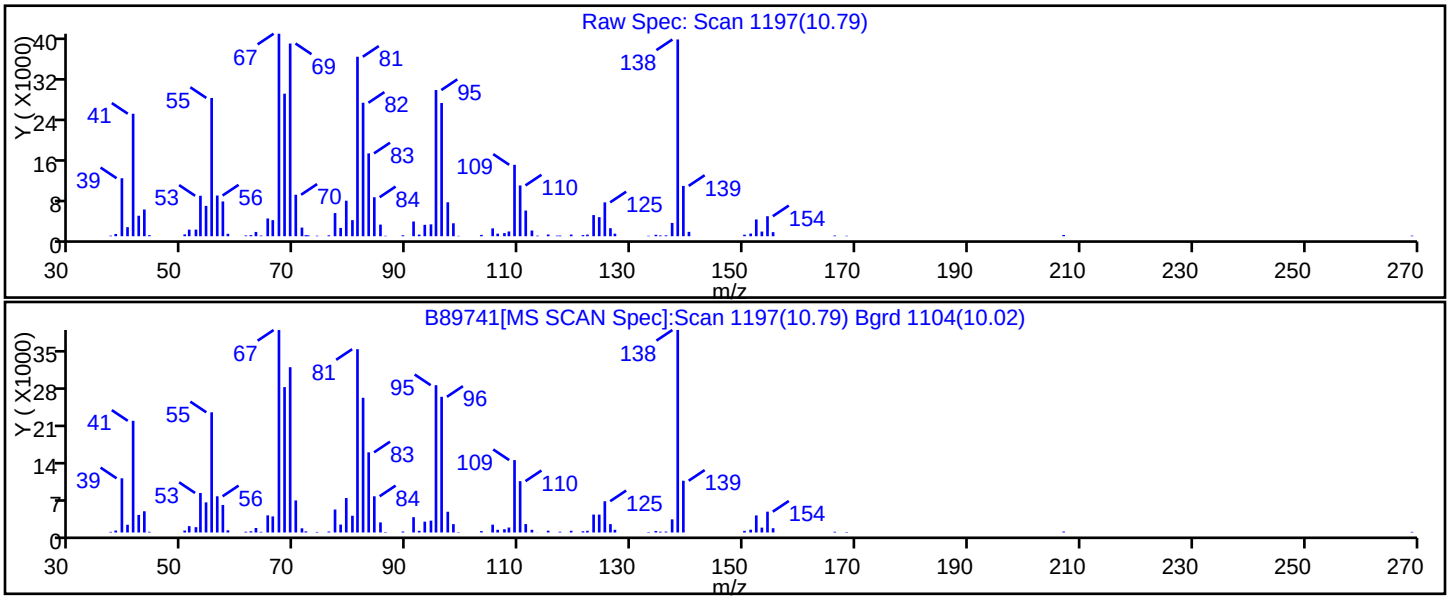
Report Date: 11-Nov-2015 13:37:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



Report Date: 11-Nov-2015 13:37:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date: 09-Nov-2015 15:38:30 Instrument ID: CVOAMS2

Lims ID: 460-104096-A-22-A Lab Sample ID: 460-104096-22

Client ID: PMP-7-NW2-WT

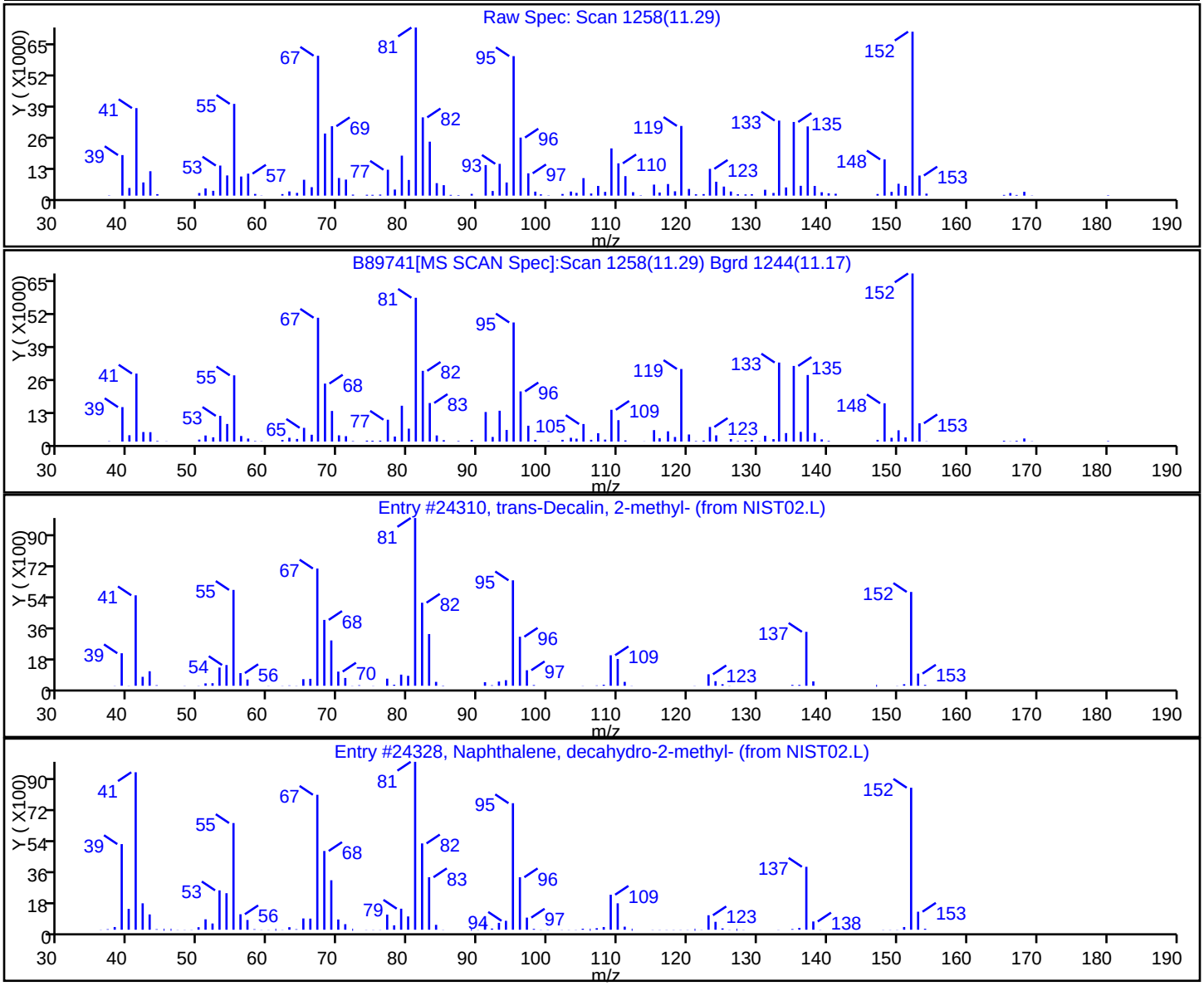
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	95
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	91

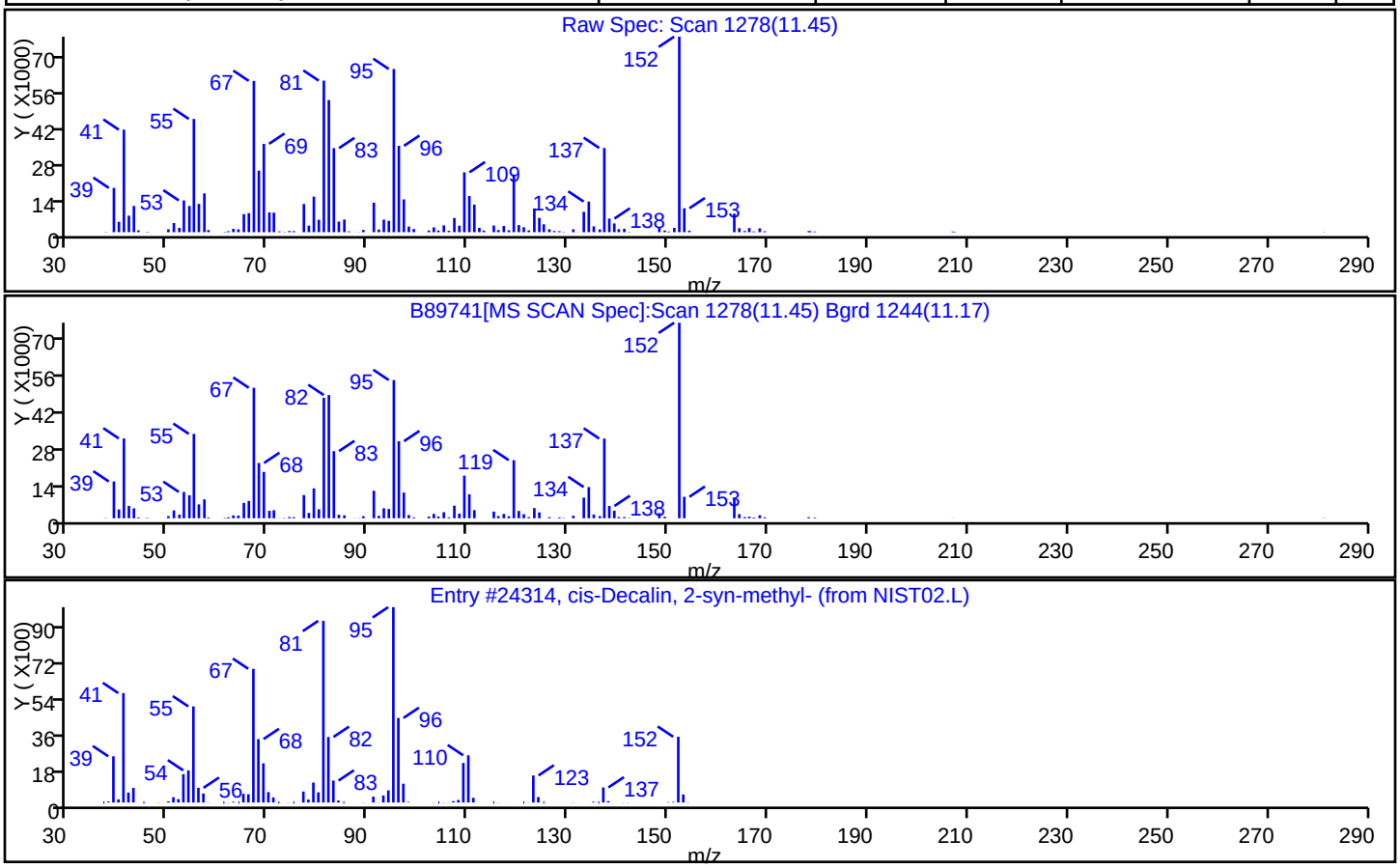


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	89

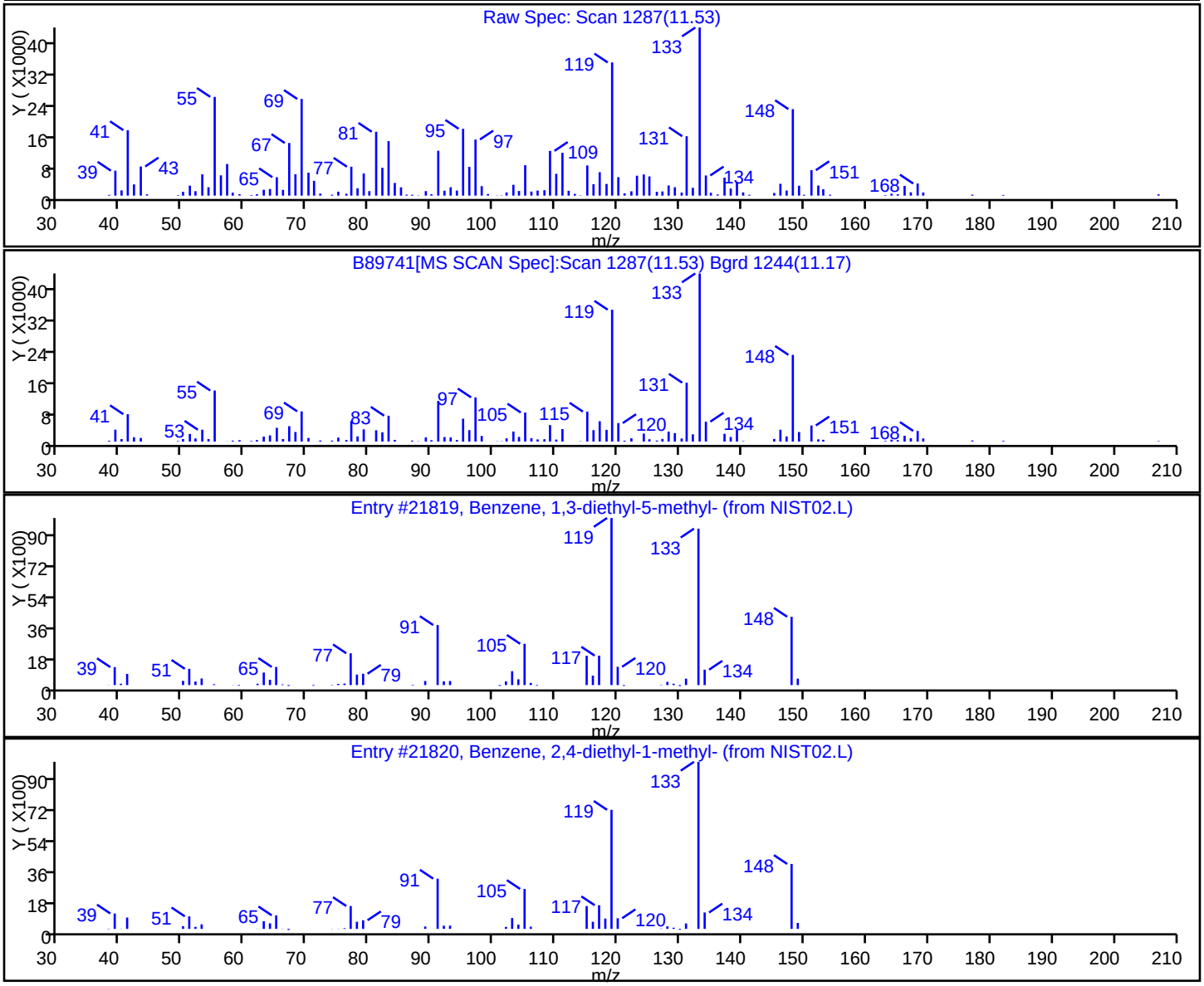


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

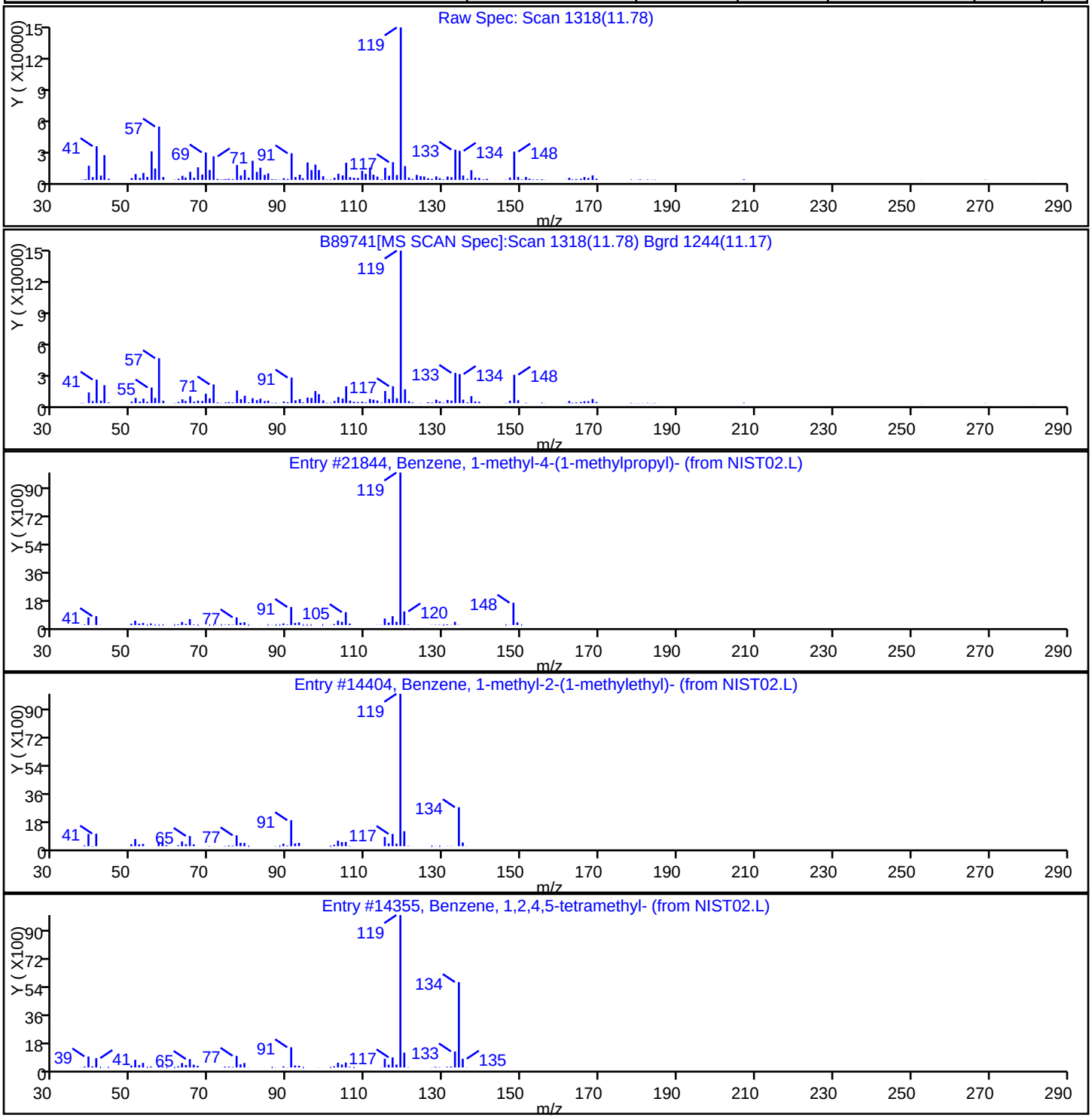
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.L	21819	C11H16	148	93
Benzene, 2,4-diethyl-1-methyl-	1758-85-6	NIST02.L	21820	C11H16	148	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D
Injection Date: 09-Nov-2015 15:38:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-22-A Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-methyl-4-(1-methylpropyl)-	1595-16-0	NIST02.L	21844	C11H16	148	92
Benzene, 1-methyl-2-(1-methylethyl)-	527-84-4	NIST02.L	14404	C10H14	134	92
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14355	C10H14	134	89



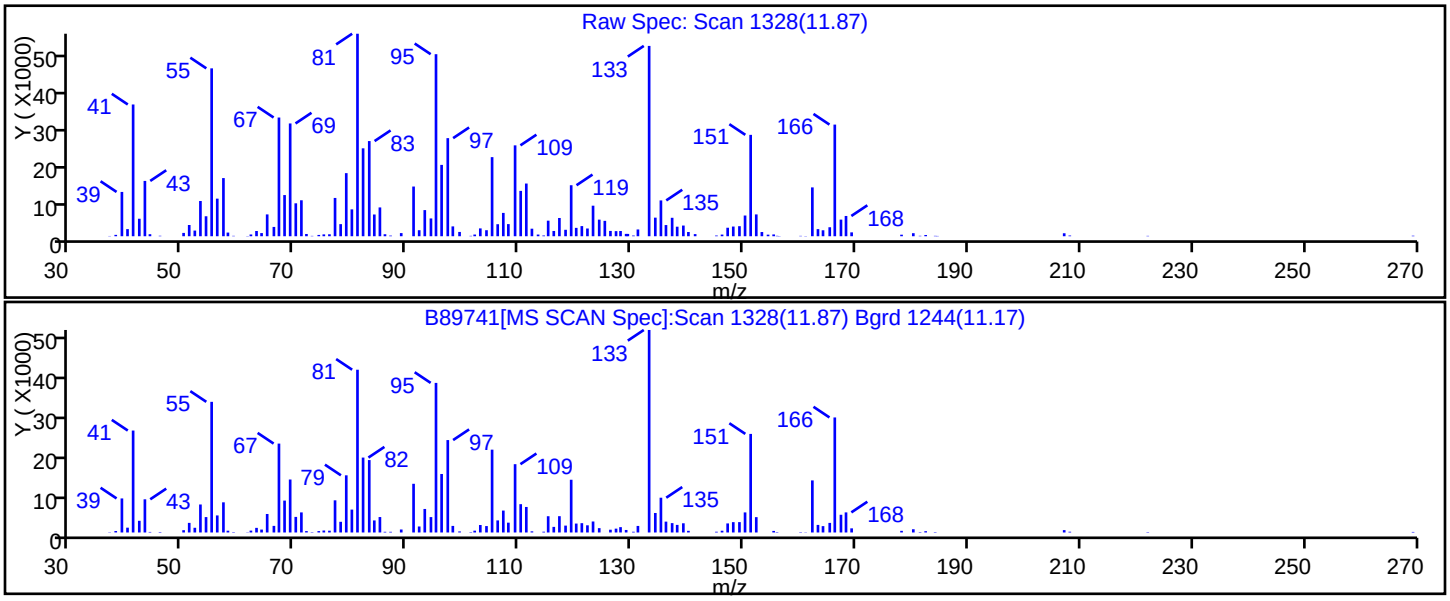
Report Date: 11-Nov-2015 13:37:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



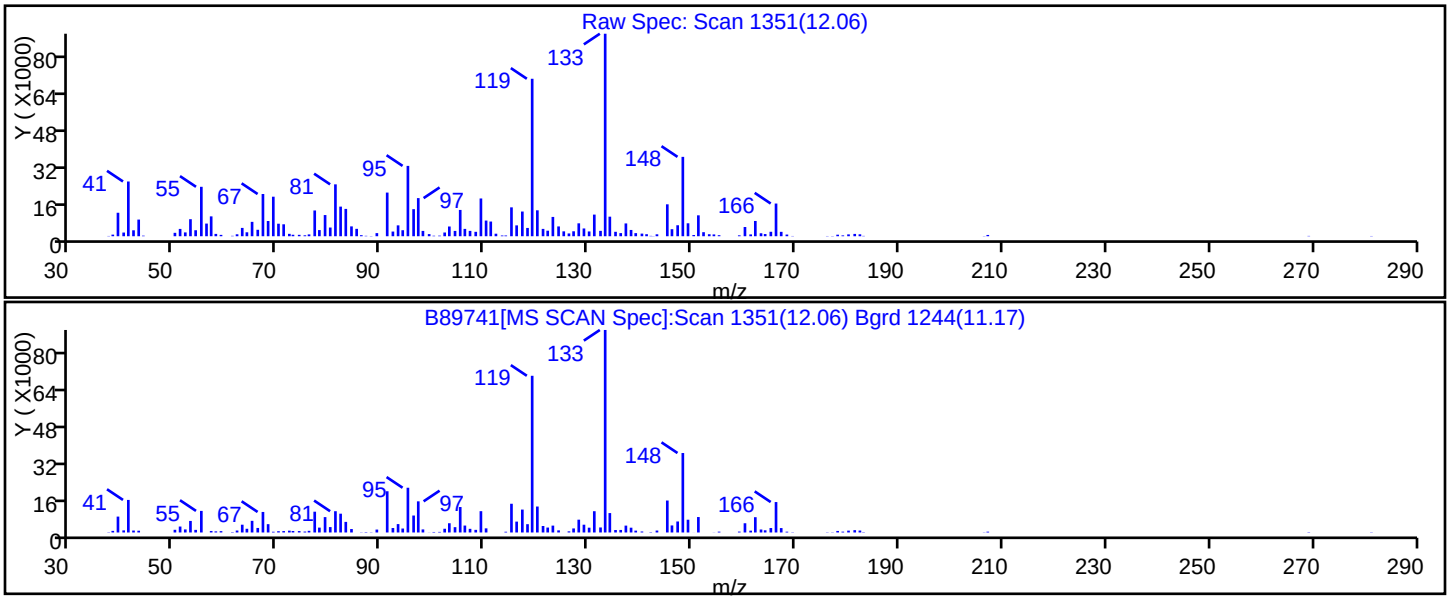
Report Date: 11-Nov-2015 13:37:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



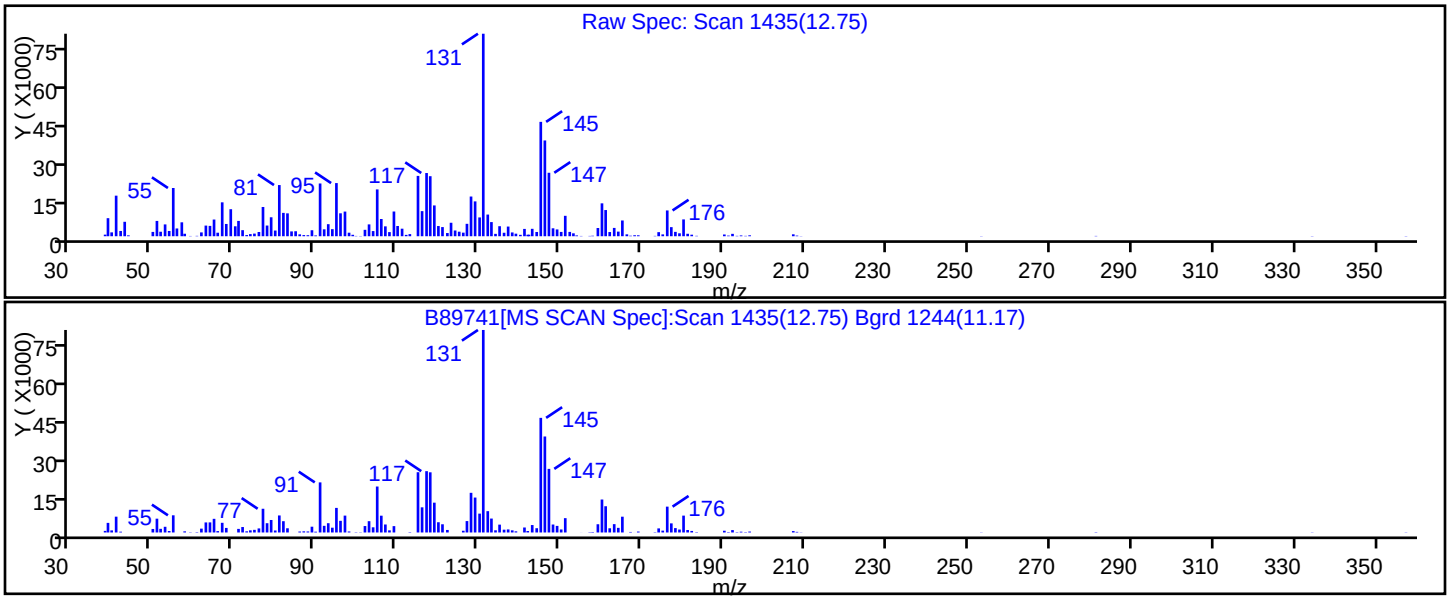
Report Date: 11-Nov-2015 13:37:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



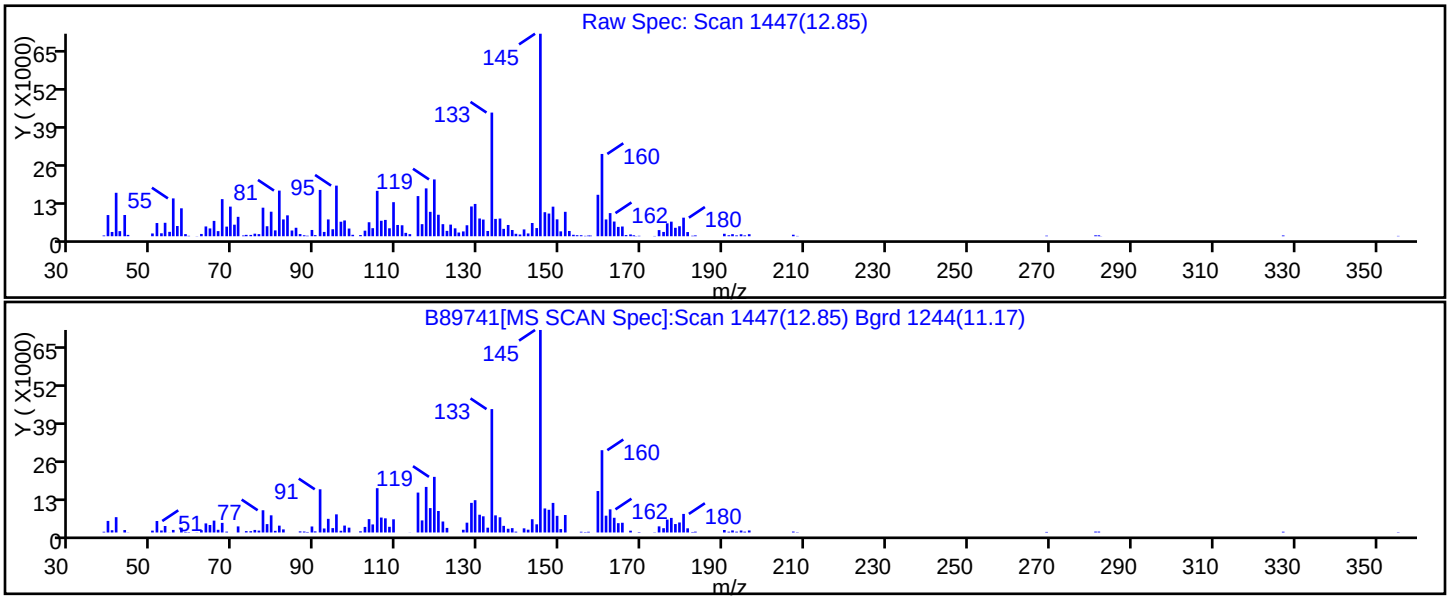
Report Date: 11-Nov-2015 13:37:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22
Client ID:	PMP-7-NW2-WT		
Operator ID:		ALS Bottle#:	13 Worklist Smp#: 14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



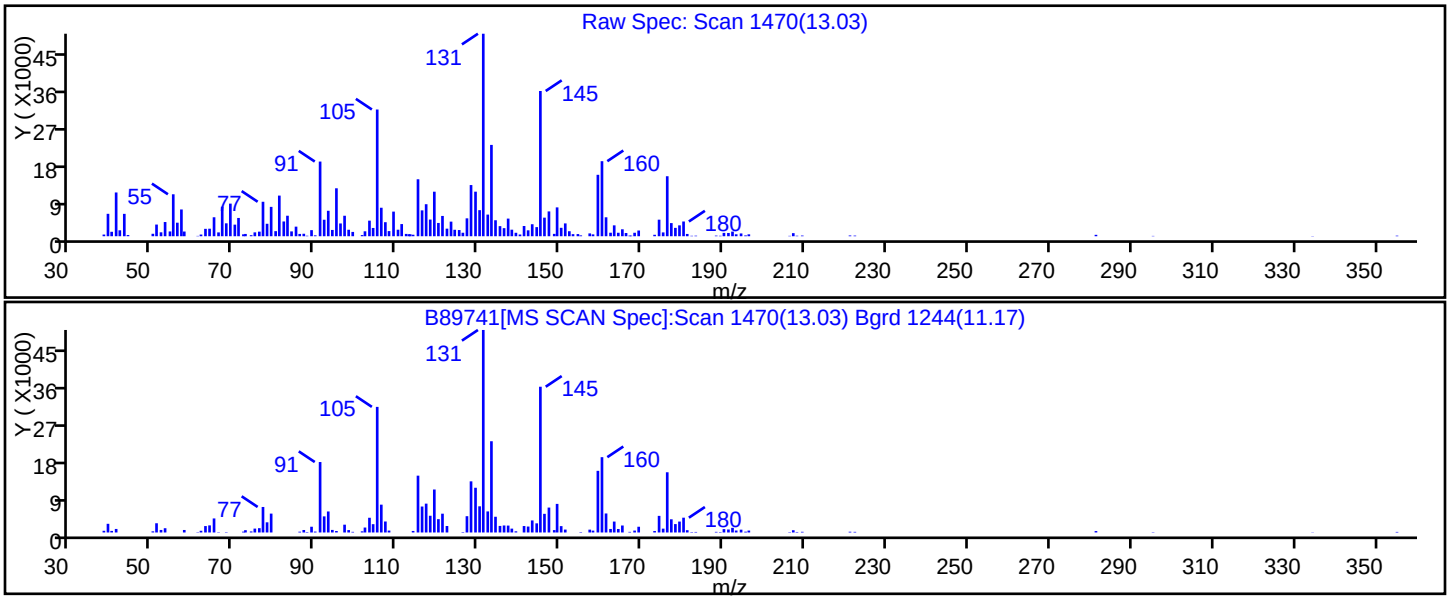
Report Date: 11-Nov-2015 13:37:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89741.D

Injection Date:	09-Nov-2015 15:38:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-22-A	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S | Lab Sample ID: 460-104096-23

Matrix: Solid | Lab File ID: B89742.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:37

Sample wt/vol: 3.167(g) | Date Analyzed: 11/09/2015 16:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	36	U	160	36
74-83-9	Bromomethane	30	U	160	30
75-01-4	Vinyl chloride	33	U	160	33
75-00-3	Chloroethane	61	U	160	61
75-09-2	Methylene Chloride	34	U	160	34
67-64-1	Acetone	180	U	820	180
75-15-0	Carbon disulfide	36	U	160	36
75-69-4	Trichlorofluoromethane	25	U	160	25
75-35-4	1,1-Dichloroethene	56	U	160	56
75-34-3	1,1-Dichloroethane	39	U	160	39
156-60-5	trans-1,2-Dichloroethene	30	U	160	30
156-59-2	cis-1,2-Dichloroethene	43	U	160	43
67-66-3	Chloroform	36	U	160	36
78-93-3	2-Butanone	360	U	820	360
107-06-2	1,2-Dichloroethane	41	U	160	41
71-55-6	1,1,1-Trichloroethane	46	U	160	46
56-23-5	Carbon tetrachloride	54	U	160	54
71-43-2	Benzene	31	U	160	31
75-25-2	Bromoform	30	U	160	30
100-42-5	Styrene	28	U	160	28
100-41-4	Ethylbenzene	49	U	160	49
108-90-7	Chlorobenzene	39	U	160	39
110-82-7	Cyclohexane	43	U	160	43
98-82-8	Isopropylbenzene	52	U	160	52
591-78-6	2-Hexanone	120	U	820	120
1634-04-4	MTBE	21	U	160	21
76-13-1	Freon TF	56	U	160	56
79-20-9	Methyl acetate	95	U	820	95
123-91-1	1,4-Dioxane	1400	U *	4100	1400
79-01-6	Trichloroethene	40	J	160	36
108-88-3	Toluene	41	U	160	41
10061-02-6	trans-1,3-Dichloropropene	31	U	160	31
108-10-1	4-Methyl-2-pentanone	100	U	820	100
10061-01-5	cis-1,3-Dichloropropene	26	U	160	26
95-50-1	1,2-Dichlorobenzene	36	U	160	36
541-73-1	1,3-Dichlorobenzene	54	U	160	54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S | Lab Sample ID: 460-104096-23

Matrix: Solid | Lab File ID: B89742.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:37

Sample wt/vol: 3.167(g) | Date Analyzed: 11/09/2015 16:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	54	U	160	54
120-82-1	1,2,4-Trichlorobenzene	17000		160	44
87-61-6	1,2,3-Trichlorobenzene	3100		160	57
78-87-5	1,2-Dichloropropane	30	U	160	30
108-87-2	Methylcyclohexane	36	U	160	36
127-18-4	Tetrachloroethene	59	U	160	59
1330-20-7	Xylenes, Total	46	U	330	46
96-12-8	1,2-Dibromo-3-Chloropropane	38	U	160	38
79-34-5	1,1,2,2-Tetrachloroethane	31	U	160	31
79-00-5	1,1,2-Trichloroethane	13	U *	160	13
124-48-1	Dibromochloromethane	36	U	160	36
106-93-4	1,2-Dibromoethane	31	U	160	31
75-71-8	Dichlorodifluoromethane	23	U	160	23
74-97-5	Bromochloromethane	49	U	160	49
75-27-4	Bromodichloromethane	25	U	160	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	101		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	100		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S | Lab Sample ID: 460-104096-23

Matrix: Solid | Lab File ID: B89742.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:37

Sample wt/vol: 3.167(g) | Date Analyzed: 11/09/2015 16:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.7 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 168000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	10.79	16000	J N
	Unknown	11.22	13000	J
1000152-47-3	trans-Decalin, 2-methyl-	11.29	11000	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	11.46	12000	J N
	Unknown	11.55	15000	J
	Unknown	11.79	17000	J
	Unknown	11.90	26000	J
17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	12.15	25000	J N
	Unknown	12.76	21000	J
	Unknown	13.06	12000	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D
Lims ID: 460-104096-A-23-A Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Sample Type: Client
Inject. Date: 09-Nov-2015 16:02:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-23-A
Misc. Info.: 460-0033978-015
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:37:48 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:45:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.583	0.024	85	132653	1000.0	
* 158 2-Butanone-d5	46	3.669	3.661	0.008	98	148825	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.188	0.008	93	104660	49.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	94	101458	47.3	
* 62 Fluorobenzene	96	4.871	4.871	0.000	99	413501	50.0	
64 Trichloroethene	95	5.307	5.282	0.025	7	563	0.2410	
* 69 1,4-Dioxane-d8	96	5.727	5.702	0.024	96	14847	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	99	355892	50.7	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	83	357393	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	150913	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	238361	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	95	362827	101.0	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	91	61783	18.7	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D
Lims ID: 460-104096-A-23-A Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Sample Type: Client
Inject. Date: 09-Nov-2015 16:02:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-23-A
Misc. Info.: 460-0033978-015
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:37:48 Calib Date: 31-Oct-2015 15:49:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:45:25

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
493-02-7 Naphthalene, decahydro-, trans-								
10.788	5086920	97.1	119	95	16320	C10H18	138	
Unknown								
11.216	4085858	78.0	119					
1000152-47-3 trans-Decalin, 2-methyl-								
11.290	3577513	68.3	119	95	24310	C11H20	152	
95-93-2 Benzene, 1,2,4,5-tetramethyl-								
11.463	3702070	70.6	119	92	14361	C10H14	134	
Unknown								
11.553	4780130	91.2	119					
Unknown								
11.792	5497876	104.9	119					
Unknown								
11.899	8467255	161.6	119					
17057-82-8 1H-Indene, 2,3-dihydro-1,2-dimethyl-								
12.146	8117012	154.9	119	93	20741	C11H14	146	
Unknown								
12.755	6705571	128.0	119					
Unknown								
13.059	3976655	75.9	119					

Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	2620210	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

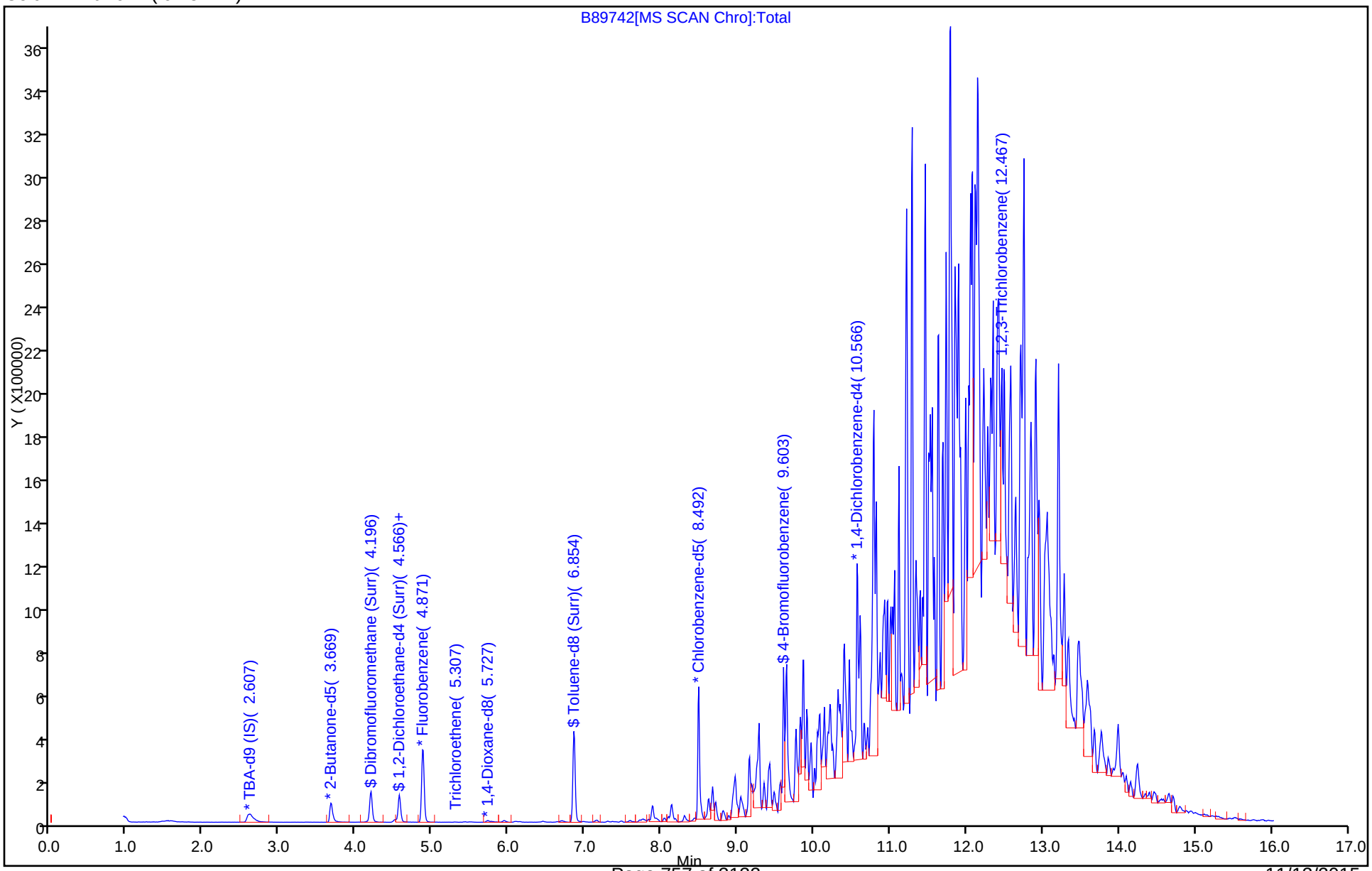
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23	Worklist Smp#:	15
Client ID:	PMP-7-NW2-S				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	14
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



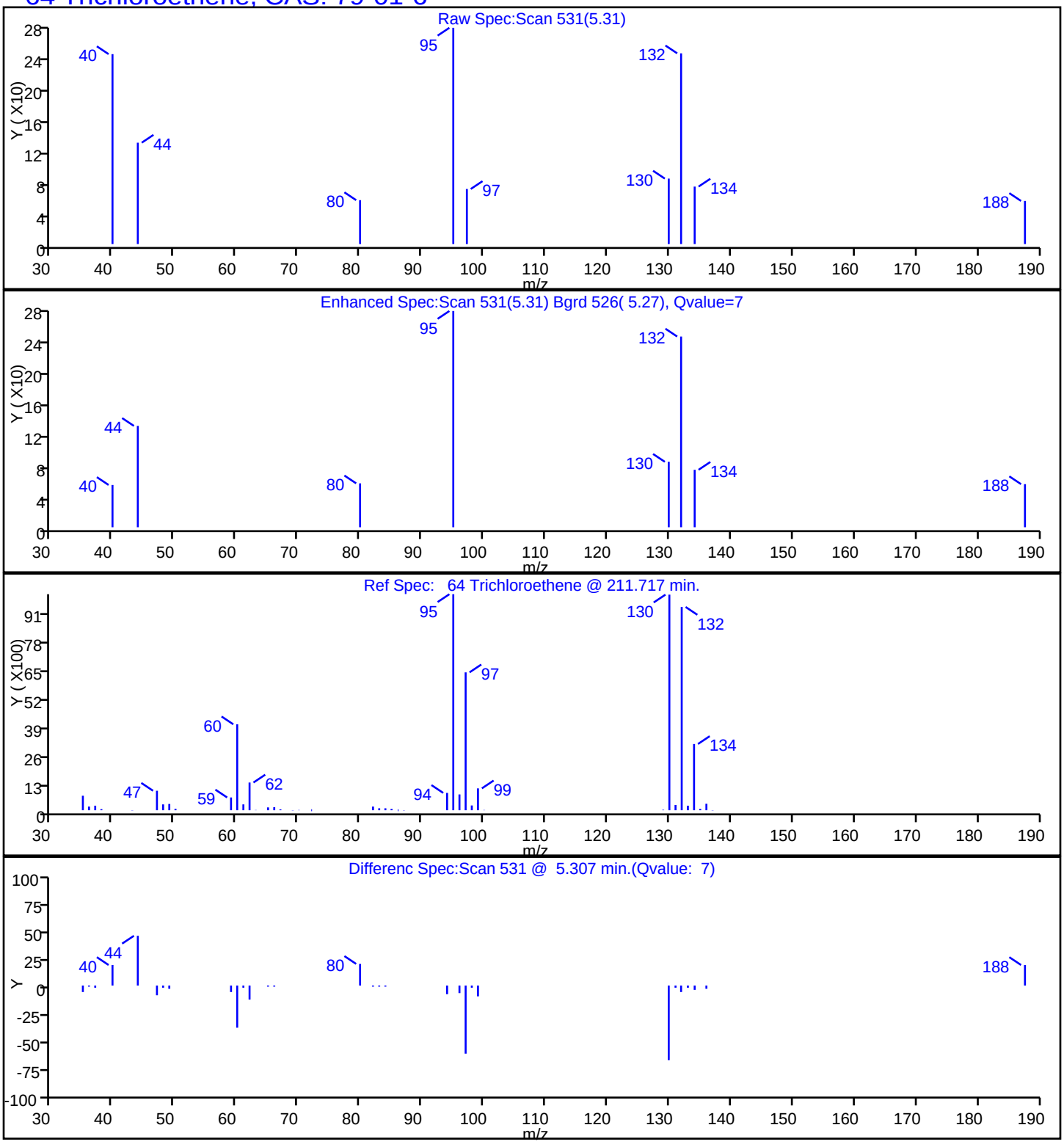
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

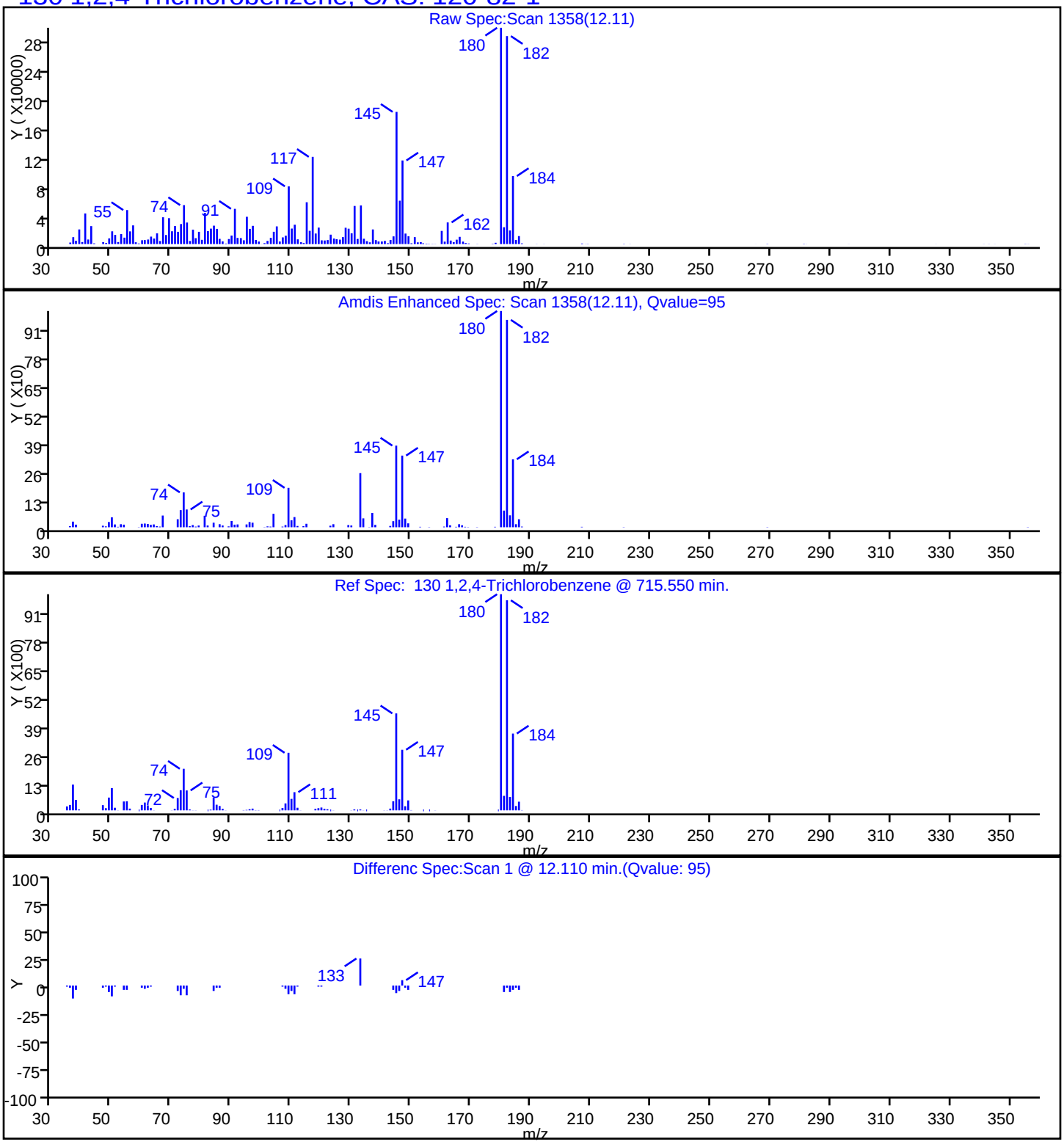
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D		
Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

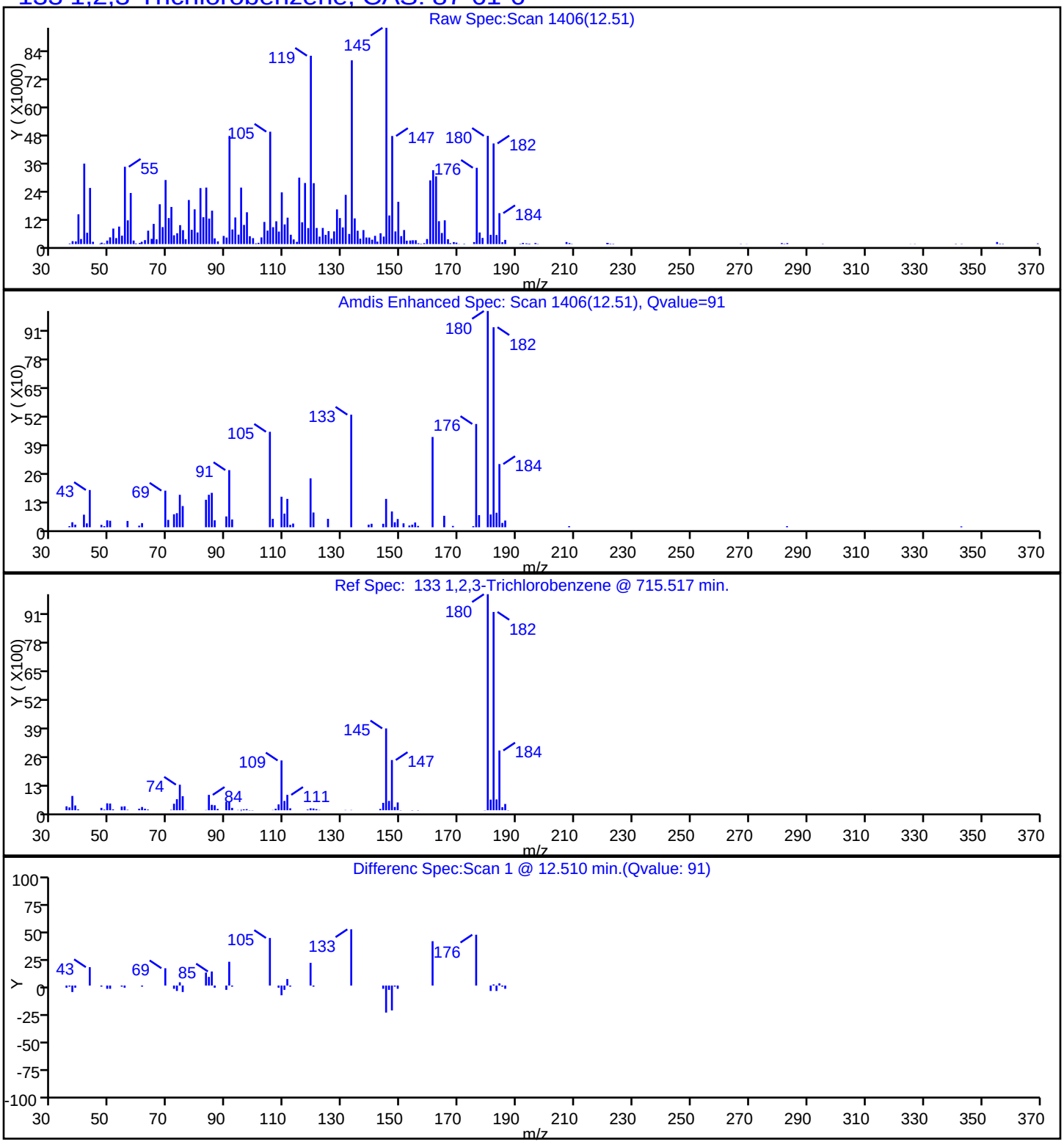
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D		
Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

133 1,2,3-Trichlorobenzene, CAS: 87-61-6

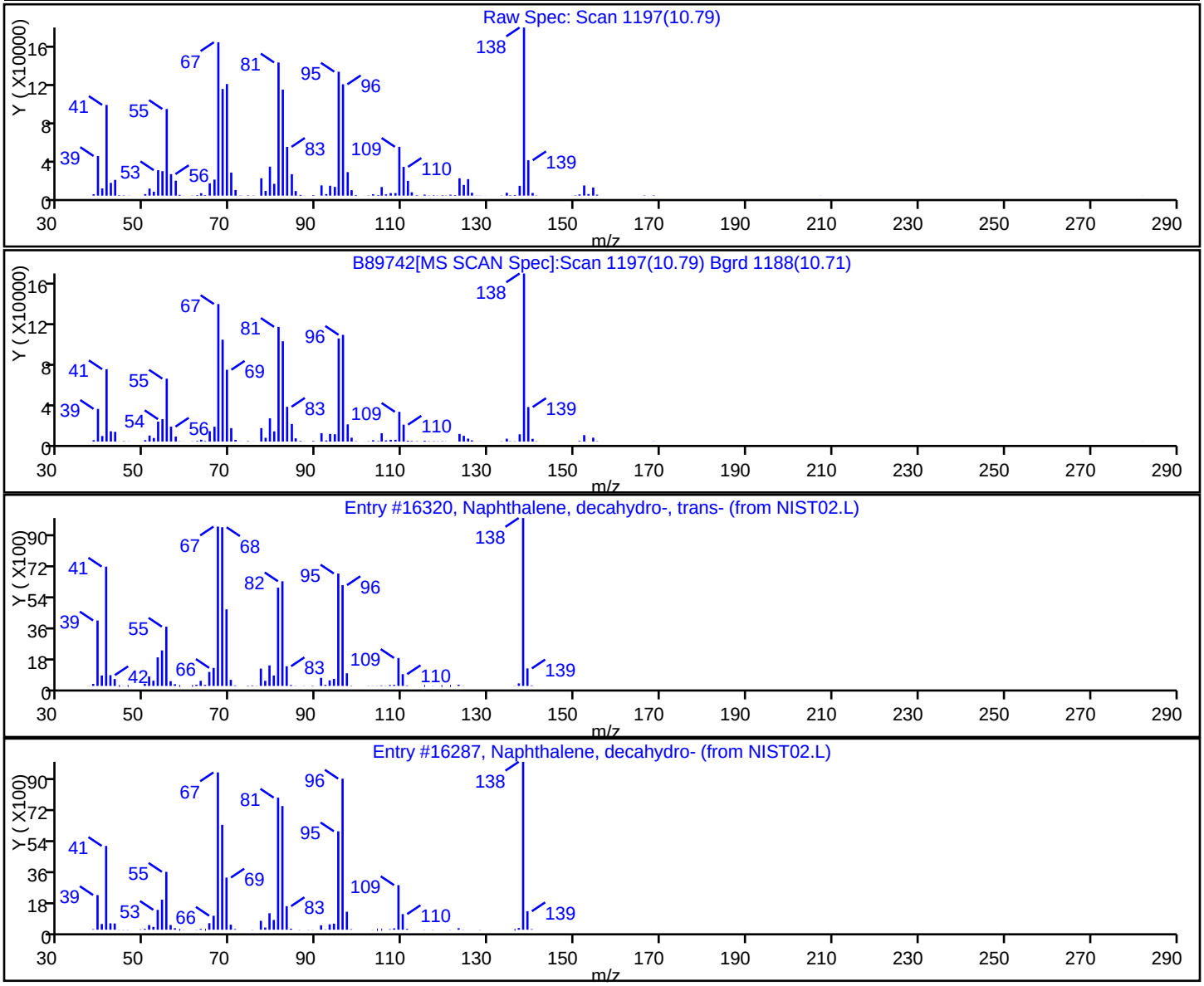


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	C10H18	138	95
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	C10H18	138	94



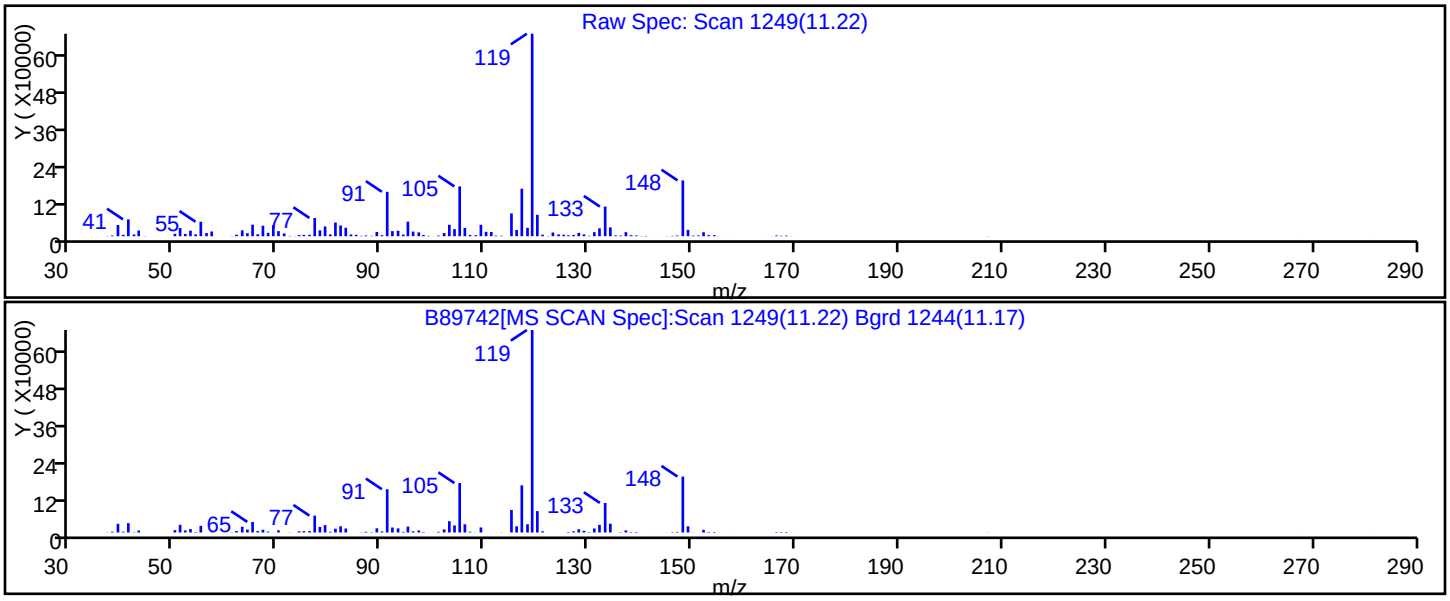
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



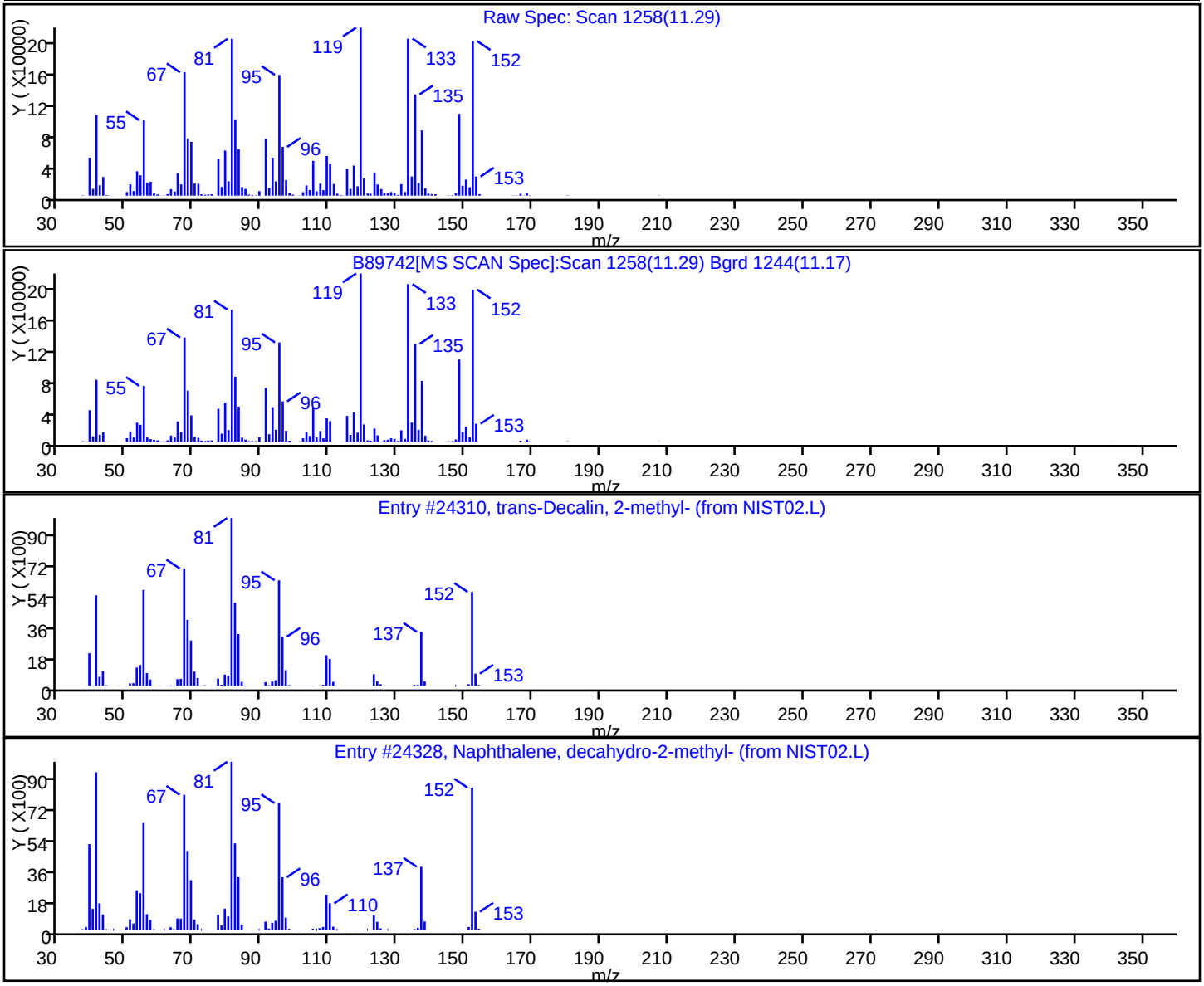
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

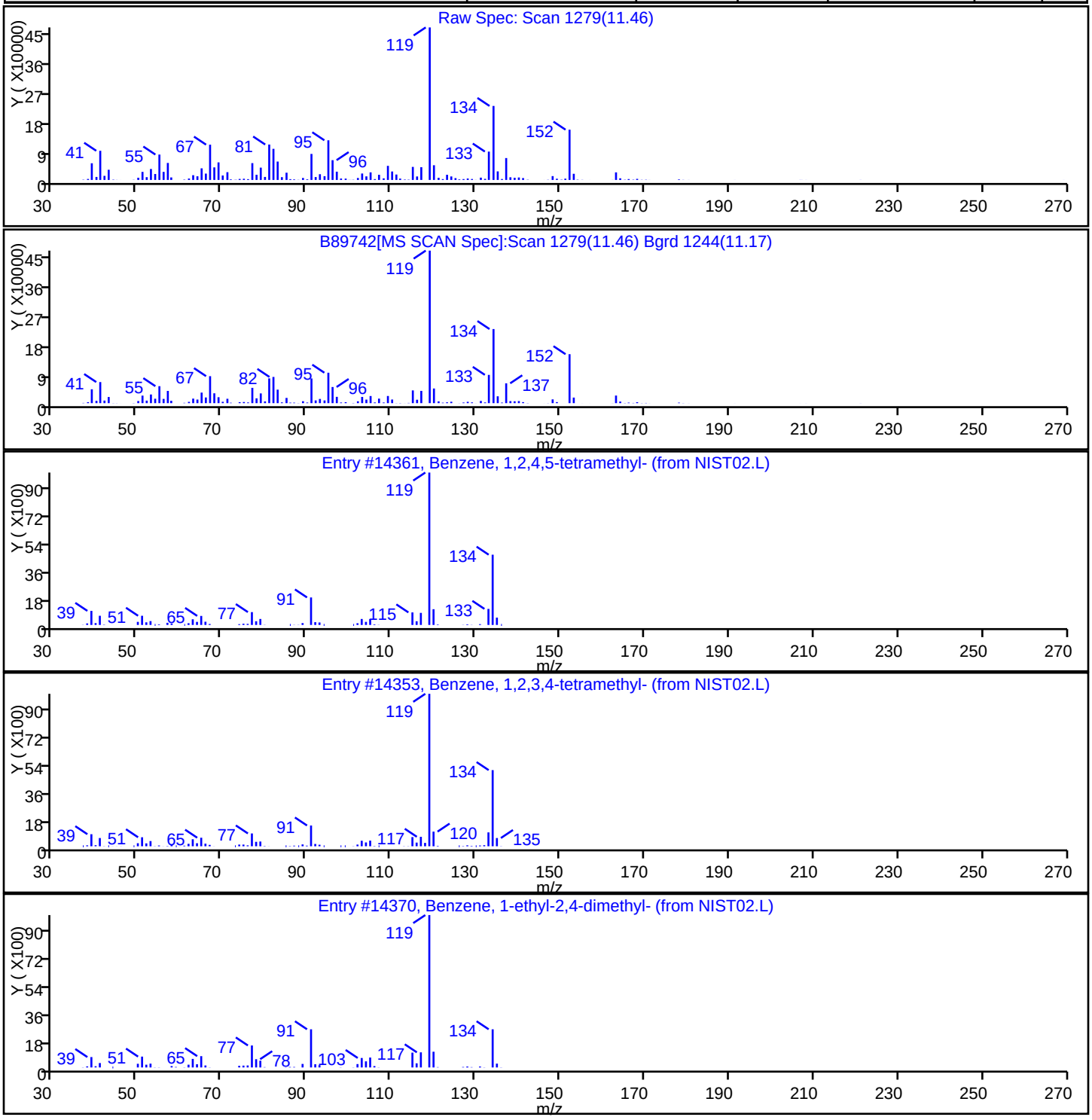
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	95
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D
Injection Date: 09-Nov-2015 16:02:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-23-A Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.L	14361	C10H14	134	92
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.L	14353	C10H14	134	91
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.L	14370	C10H14	134	91

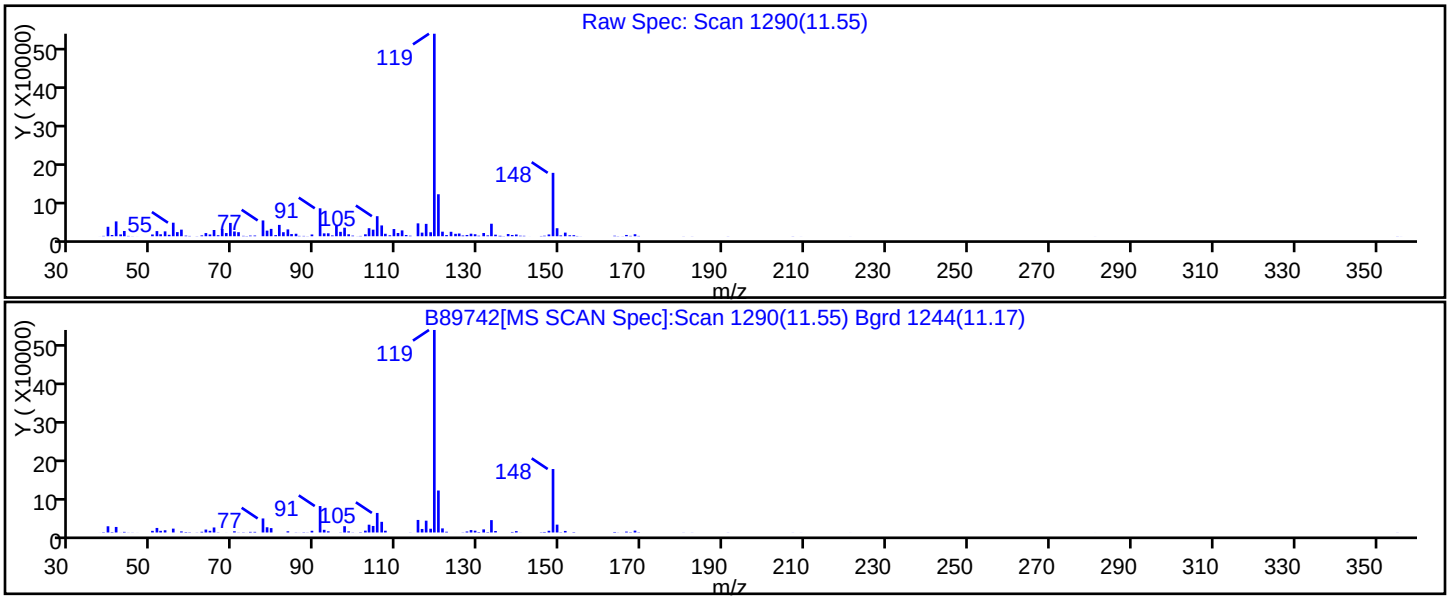


Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D				
Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



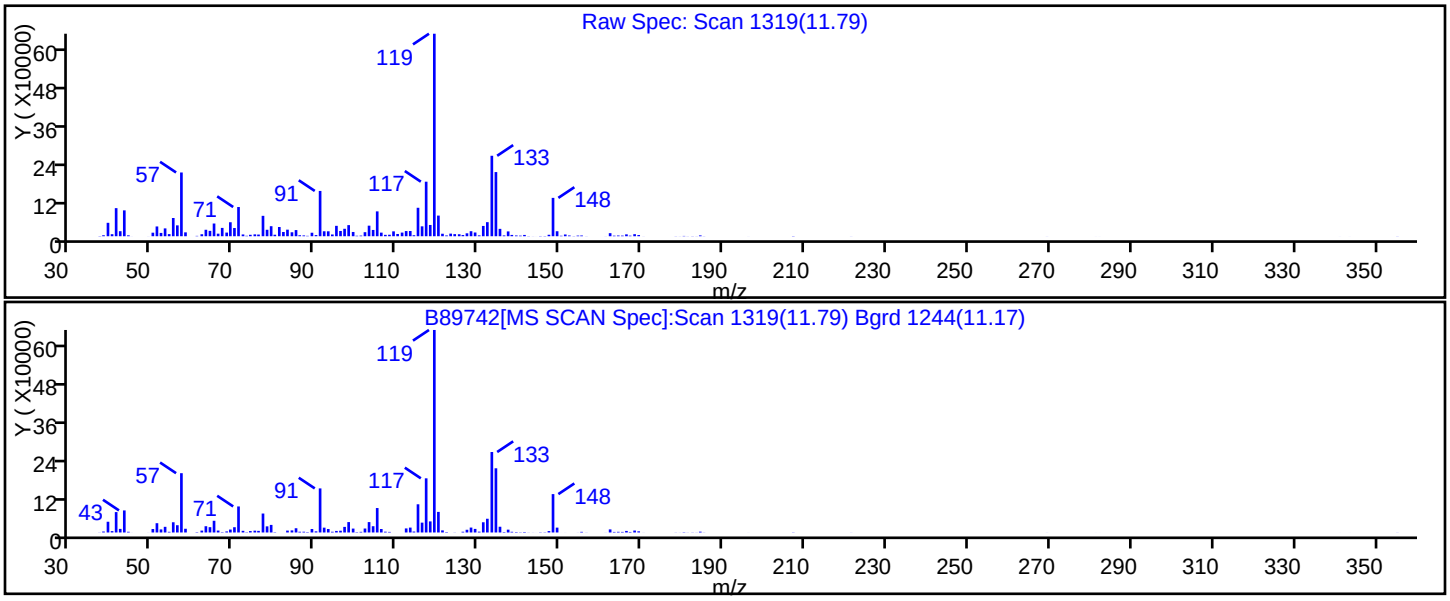
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

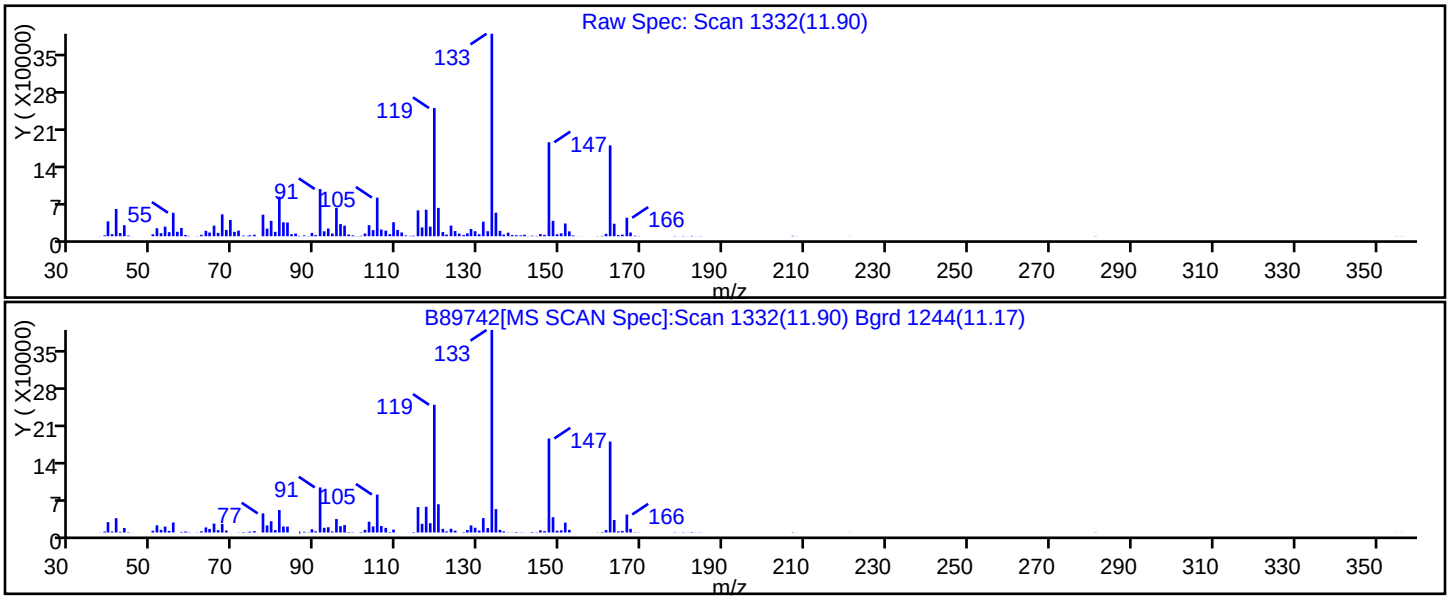


Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D				
Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

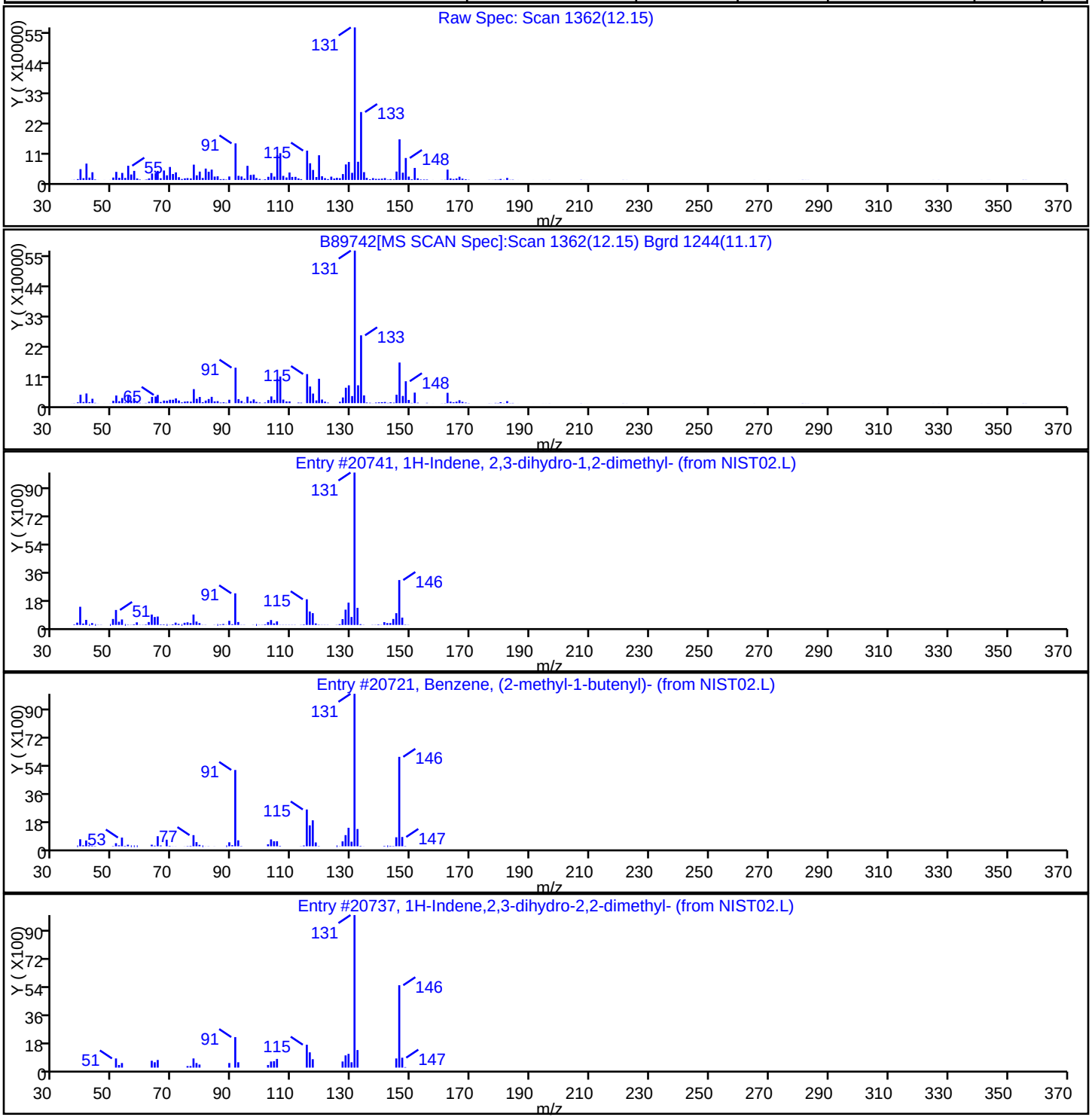
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D
Injection Date: 09-Nov-2015 16:02:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-23-A Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-1,2-dimethyl-	17057-82-8	NIST02.L	20741	C11H14	146	93
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.L	20721	C11H14	146	86
1H-Indene,2,3-dihydro-2,2-dimethyl-	20836-11-7	NIST02.L	20737	C11H14	146	86



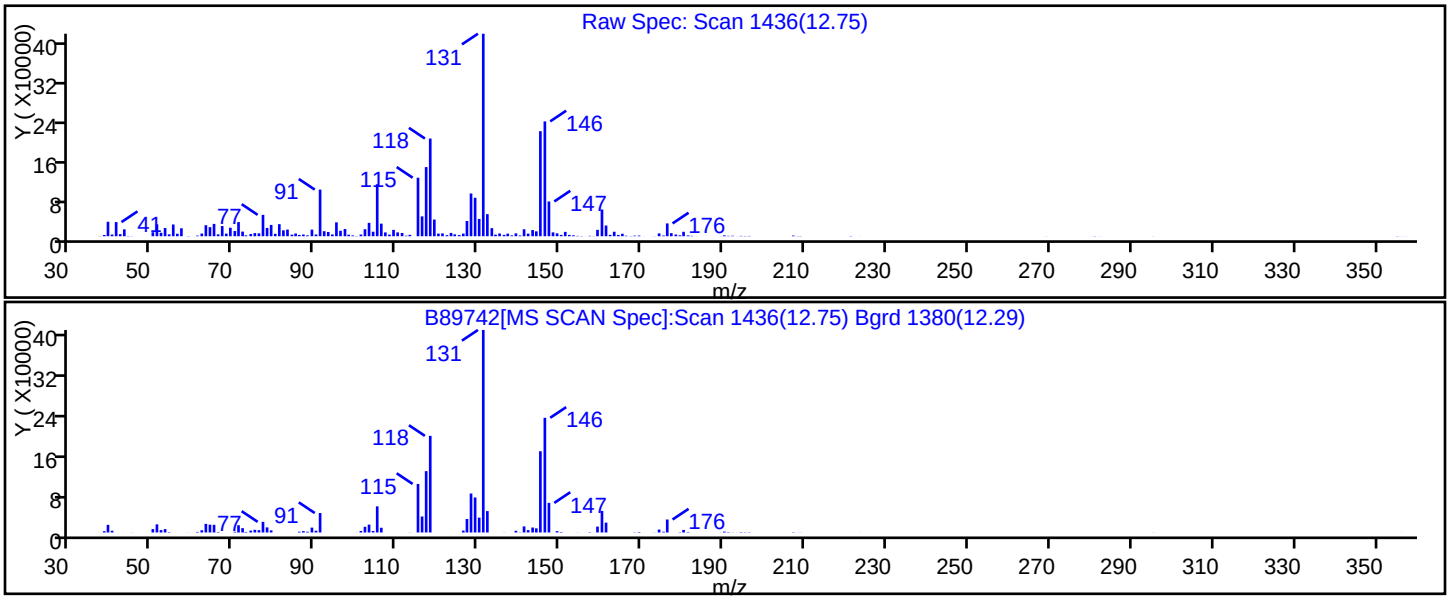
Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D

Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

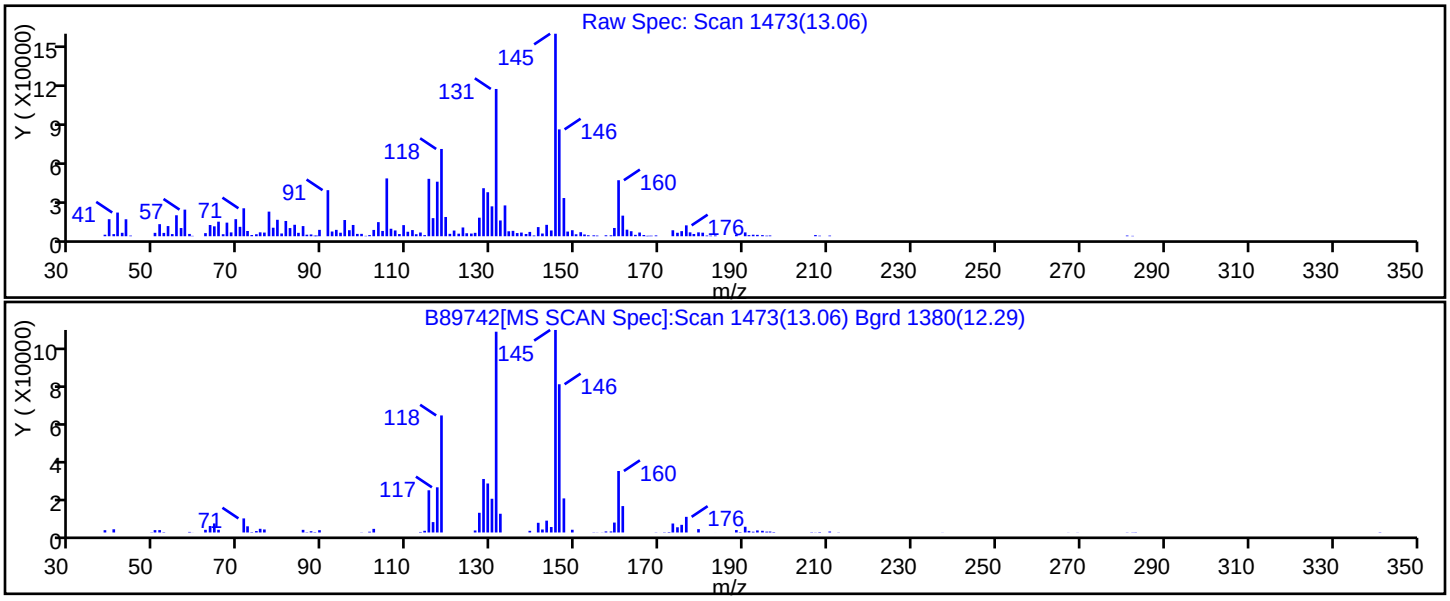


Report Date: 11-Nov-2015 13:37:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89742.D		
Injection Date:	09-Nov-2015 16:02:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-23-A	Lab Sample ID:	460-104096-23
Client ID:	PMP-7-NW2-S		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: K46902.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:41

Sample wt/vol: 6.283(g) | Date Analyzed: 11/10/2015 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.34	U	0.90	0.34
74-83-9	Bromomethane	0.29	U	0.90	0.29
75-01-4	Vinyl chloride	0.35	U	0.90	0.35
75-00-3	Chloroethane	0.31	U	0.90	0.31
75-09-2	Methylene Chloride	0.29	U	0.90	0.29
67-64-1	Acetone	0.95	U	4.5	0.95
75-15-0	Carbon disulfide	0.54	J	0.90	0.39
75-69-4	Trichlorofluoromethane	0.30	U	0.90	0.30
75-35-4	1,1-Dichloroethene	0.37	U	0.90	0.37
75-34-3	1,1-Dichloroethane	0.30	U	0.90	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	0.90	0.35
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.90	0.20
67-66-3	Chloroform	0.19	U	0.90	0.19
78-93-3	2-Butanone	0.69	U	4.5	0.69
107-06-2	1,2-Dichloroethane	0.099	U	0.90	0.099
71-55-6	1,1,1-Trichloroethane	0.34	U	0.90	0.34
56-23-5	Carbon tetrachloride	0.39	U	0.90	0.39
71-43-2	Benzene	0.18	U	0.90	0.18
75-25-2	Bromoform	0.12	U	0.90	0.12
100-42-5	Styrene	0.13	U	0.90	0.13
100-41-4	Ethylbenzene	0.16	U	0.90	0.16
108-90-7	Chlorobenzene	0.13	U	0.90	0.13
110-82-7	Cyclohexane	0.41	U	0.90	0.41
98-82-8	Isopropylbenzene	1.9		0.90	0.15
591-78-6	2-Hexanone	0.84	U	4.5	0.84
1634-04-4	MTBE	0.15	U	0.90	0.15
76-13-1	Freon TF	0.39	U	0.90	0.39
79-20-9	Methyl acetate	0.81	U	4.5	0.81
123-91-1	1,4-Dioxane	5.7	U *	18	5.7
79-01-6	Trichloroethene	0.23	U	0.90	0.23
108-88-3	Toluene	0.17	U	0.90	0.17
10061-02-6	trans-1,3-Dichloropropene	0.090	U	0.90	0.090
108-10-1	4-Methyl-2-pentanone	2.0	U	4.5	2.0
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.90	0.13
95-50-1	1,2-Dichlorobenzene	0.13	U	0.90	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.90	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: K46902.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:41

Sample wt/vol: 6.283(g) | Date Analyzed: 11/10/2015 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.90	0.12
120-82-1	1,2,4-Trichlorobenzene	18		0.90	0.29
87-61-6	1,2,3-Trichlorobenzene	5.3		0.90	0.099
78-87-5	1,2-Dichloropropane	0.15	U	0.90	0.15
108-87-2	Methylcyclohexane	1.6	*	0.90	0.45
127-18-4	Tetrachloroethene	0.25	U	0.90	0.25
1330-20-7	Xylenes, Total	0.26	J	1.8	0.099
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.90	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	0.90	0.15
79-00-5	1,1,2-Trichloroethane	0.25	U	0.90	0.25
124-48-1	Dibromochloromethane	0.13	U	0.90	0.13
106-93-4	1,2-Dibromoethane	0.11	U	0.90	0.11
75-71-8	Dichlorodifluoromethane	0.29	U	0.90	0.29
74-97-5	Bromochloromethane	0.15	U	0.90	0.15
75-27-4	Bromodichloromethane	0.34	U	0.90	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		78-135
2037-26-5	Toluene-d8 (Surr)	98		73-121
460-00-4	Bromofluorobenzene	106		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: K46902.D

Analysis Method: 8260C | Date Collected: 11/05/2015 11:41

Sample wt/vol: 6.283(g) | Date Analyzed: 11/10/2015 18:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 334331 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 1540

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	11.63	120	J
112-40-3	Dodecane	11.91	110	J N
	Unknown	12.00	220	J
	Unknown	12.23	110	J
	Unknown	12.37	170	J
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-	12.69	130	J N
	Unknown	13.08	160	J
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13.23	130	J N
91-57-6	Naphthalene, 2-methyl-	13.31	220	J N
90-12-0	Naphthalene, 1-methyl-	13.48	170	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D
Lims ID: 460-104096-C-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 18:46:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-24-A
Misc. Info.: 460-0034050-022
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:17 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 10-Nov-2015 19:43:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
21 Carbon disulfide	76	3.046	3.046	0.000	100	6407	0.6069	
* 26 TBA-d9 (IS)	65	3.292	3.298	-0.006	99	282383	1000.0	
* 39 2-Butanone-d5	46	4.378	4.384	-0.006	100	243663	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	131307	52.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.218	5.223	-0.005	97	141579	53.1	
* 61 Fluorobenzene	96	5.496	5.502	-0.006	98	410769	50.0	
67 Methylcyclohexane	83	5.983	5.988	-0.005	89	9571	1.82	
* 69 1,4-Dioxane-d8	96	6.192	6.197	-0.005	97	22058	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.182	7.187	-0.005	98	435799	48.9	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	301039	50.0	
97 o-Xylene	106	9.691	9.690	0.001	92	1592	0.2858	
101 Isopropylbenzene	105	10.022	10.022	0.000	97	30286	2.11	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	89	154490	52.9	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	97	176225	50.0	
130 1,2,4-Trichlorobenzene	180	12.296	12.290	0.006	92	123829	20.5	
133 1,2,3-Trichlorobenzene	180	12.638	12.633	0.005	40	36150	5.95	
S 135 Xylenes, Total	100				0		0.2858	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D
Lims ID: 460-104096-C-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 18:46:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-24-A
Misc. Info.: 460-0034050-022
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:44:17 Calib Date: 06-Nov-2015 08:33:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 10-Nov-2015 19:43:33

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
11.632	2770255	135.3	91					
112-40-3	Dodecane							
11.911	2619775	128.0	91	93	36158	C12H26	170	
	Unknown							
12.002	5069497	247.6	91					
	Unknown							
12.232	2432397	118.8	91					
	Unknown							
12.365	3826728	186.9	91					
6682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethyl-							
12.686	2923323	142.8	91	92	20748	C11H14	146	
	Unknown							
13.082	3542274	173.0	91					
13065-07-1	Naphthalene, 1,2,3,4-tetrahydro-2,7-dime							
13.227	2893122	141.3	91	90	29448	C12H16	160	
91-57-6	Naphthalene, 2-methyl-							
13.307	4917593	240.2	91	96	18501	C11H10	142	
90-12-0	Naphthalene, 1-methyl-							
13.478	3860166	188.6	91	96	18499	C11H10	142	I

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.984	1023526	50.0

QC Flag Legend

Processing Flags

Review Flags

I - User Selected Library Match

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

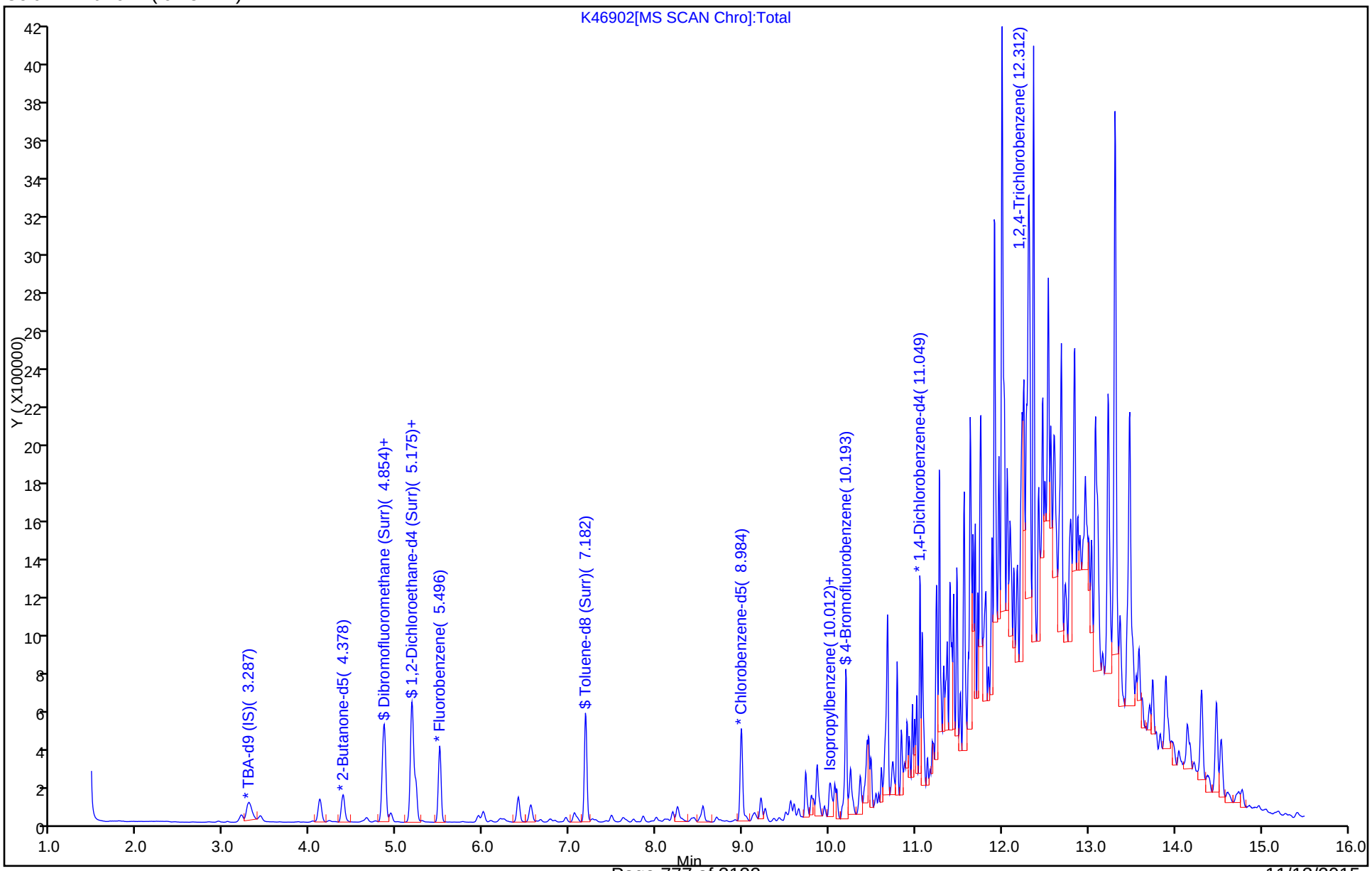
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24	Worklist Smp#:	22
Client ID:	PMP-7-NW2-12.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

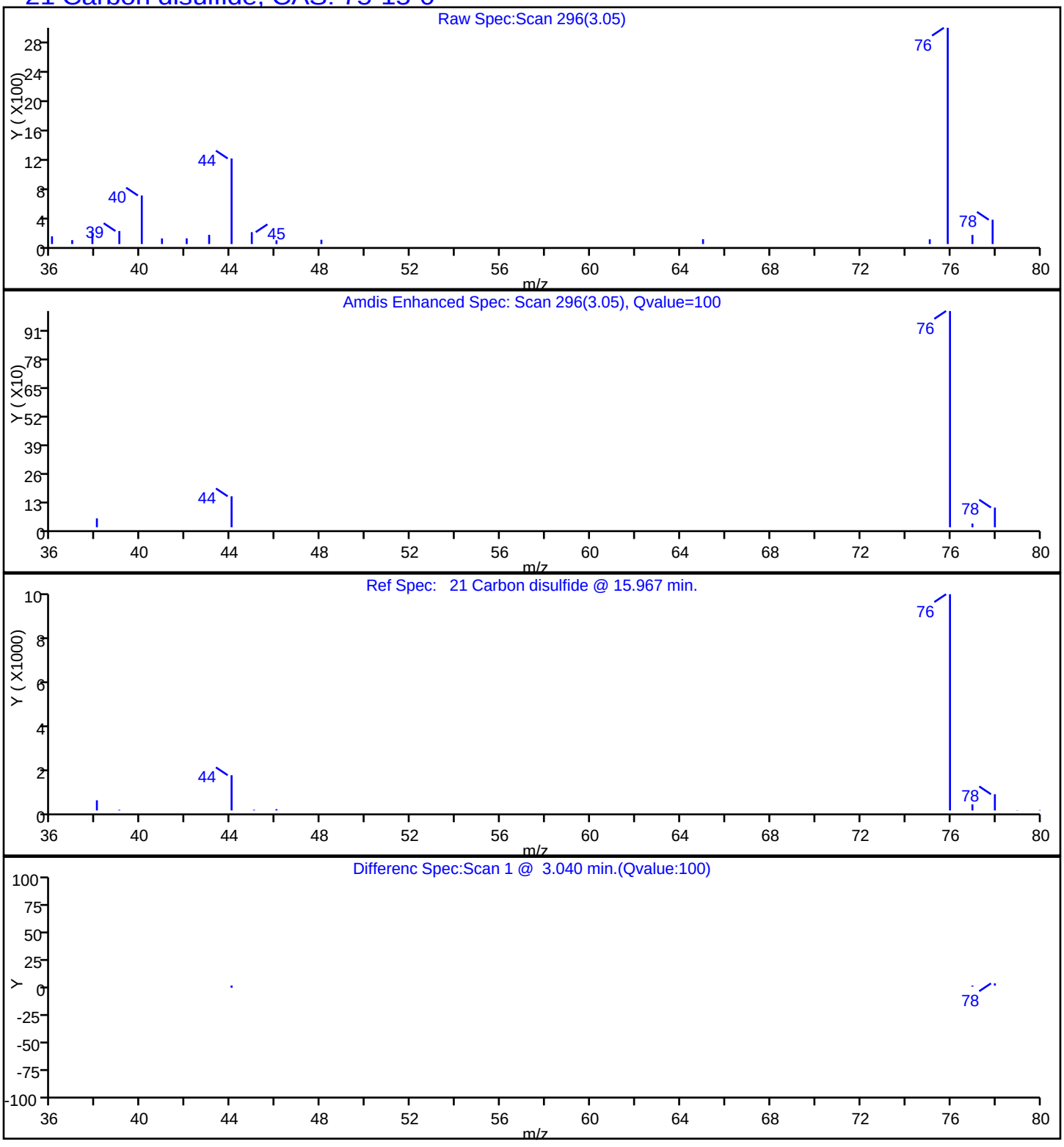


Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D		
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

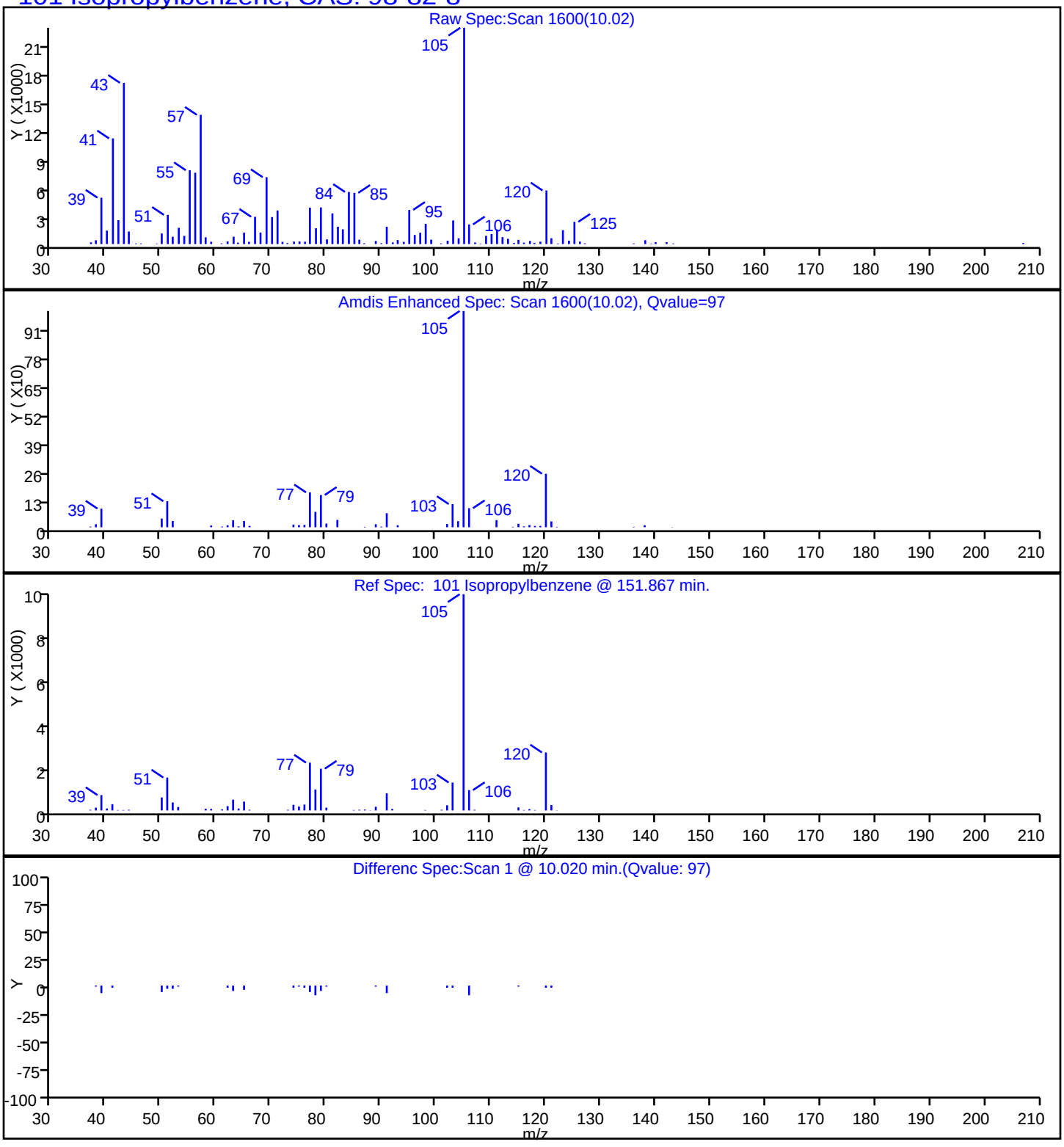
21 Carbon disulfide, CAS: 75-15-0



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D				
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

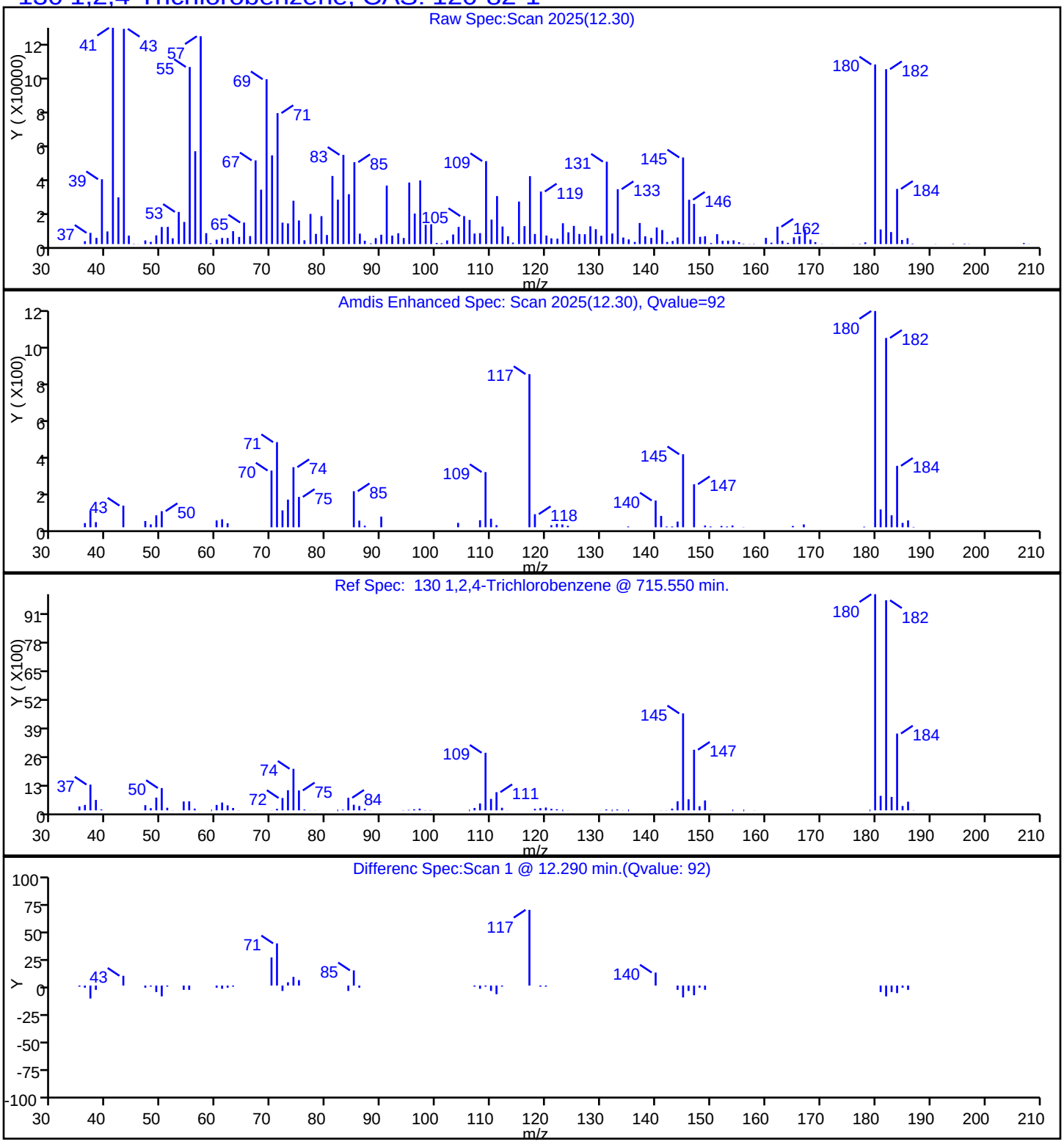
101 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D		
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

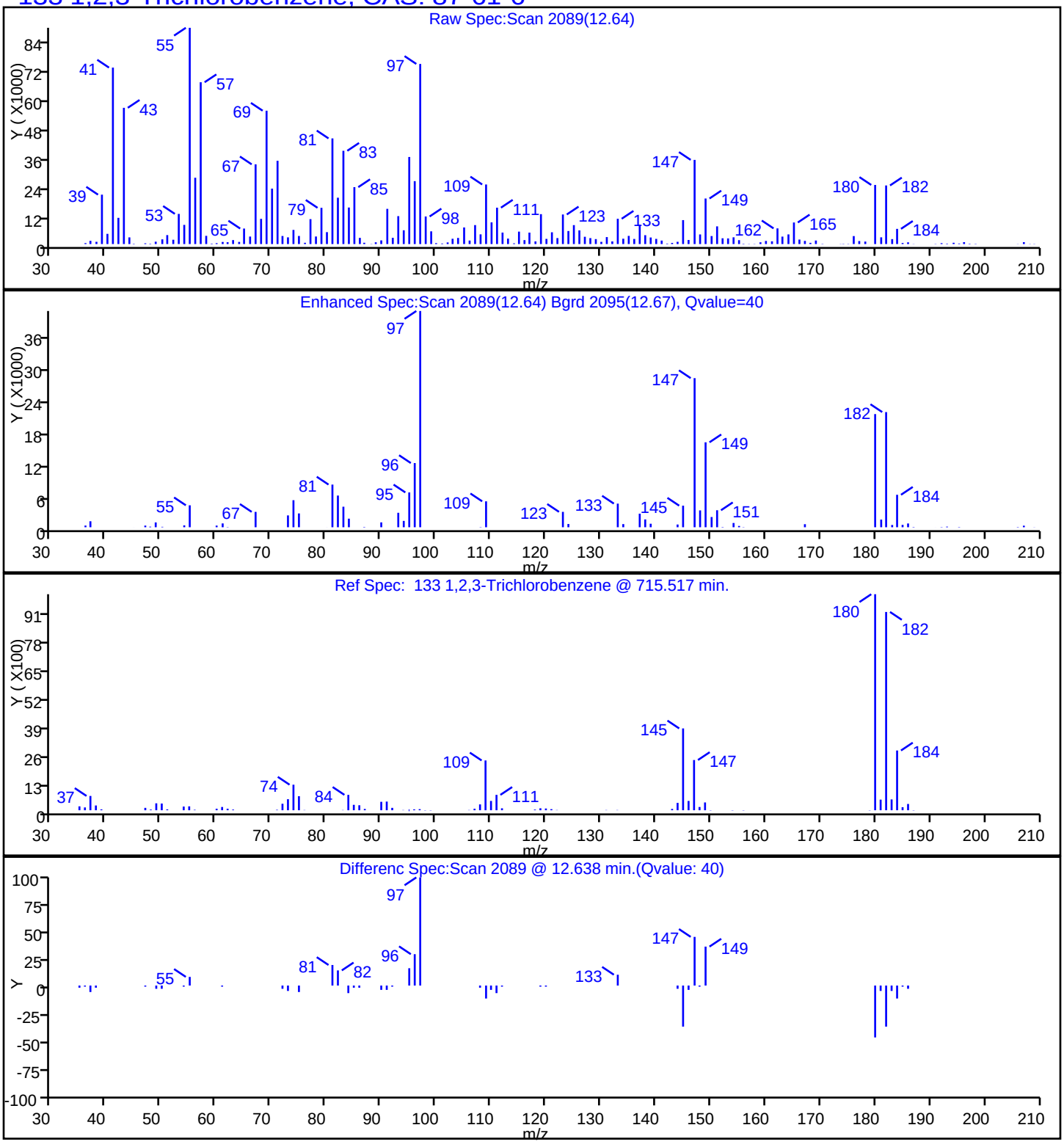
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D		
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

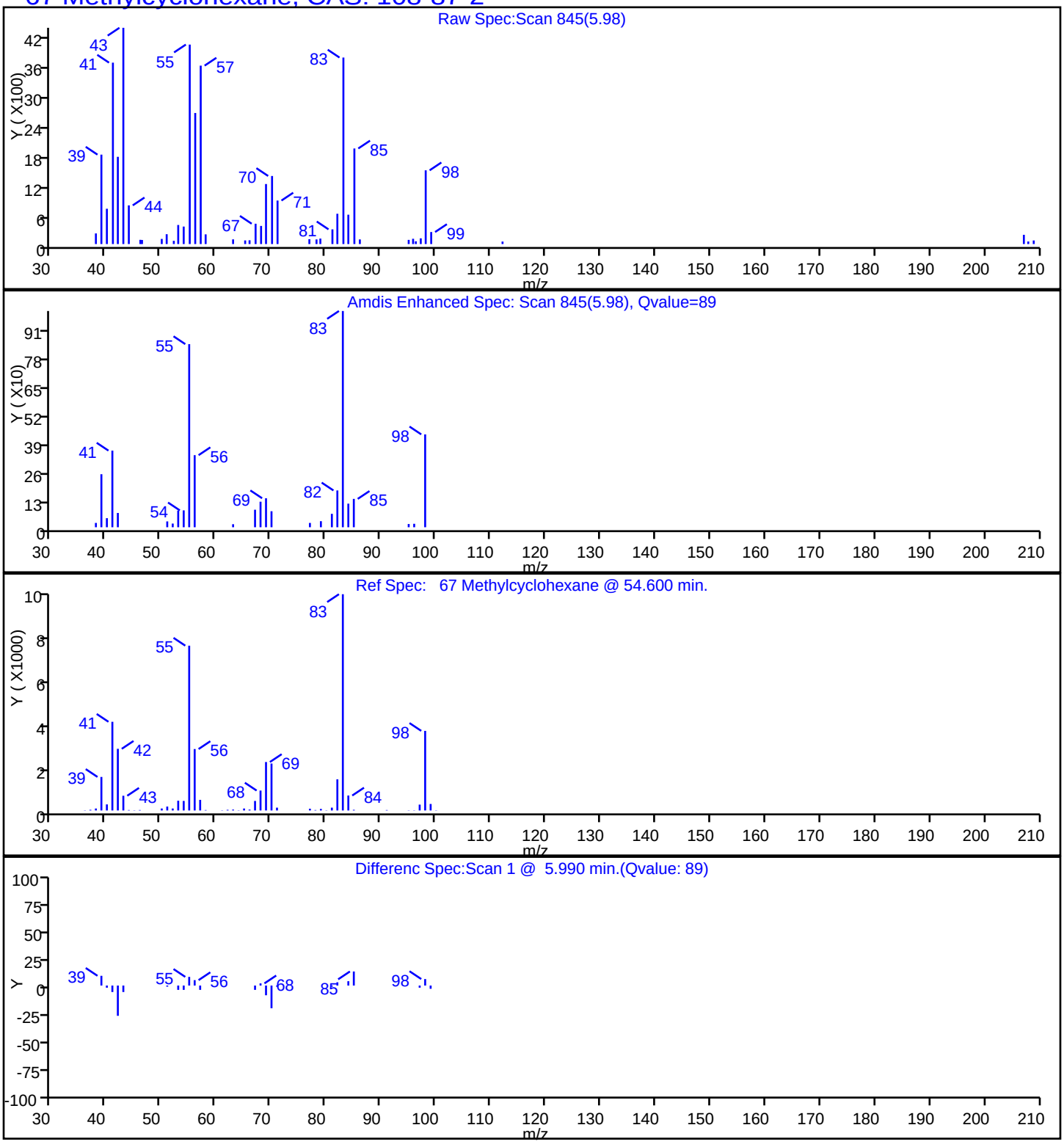
133 1,2,3-Trichlorobenzene, CAS: 87-61-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D		
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

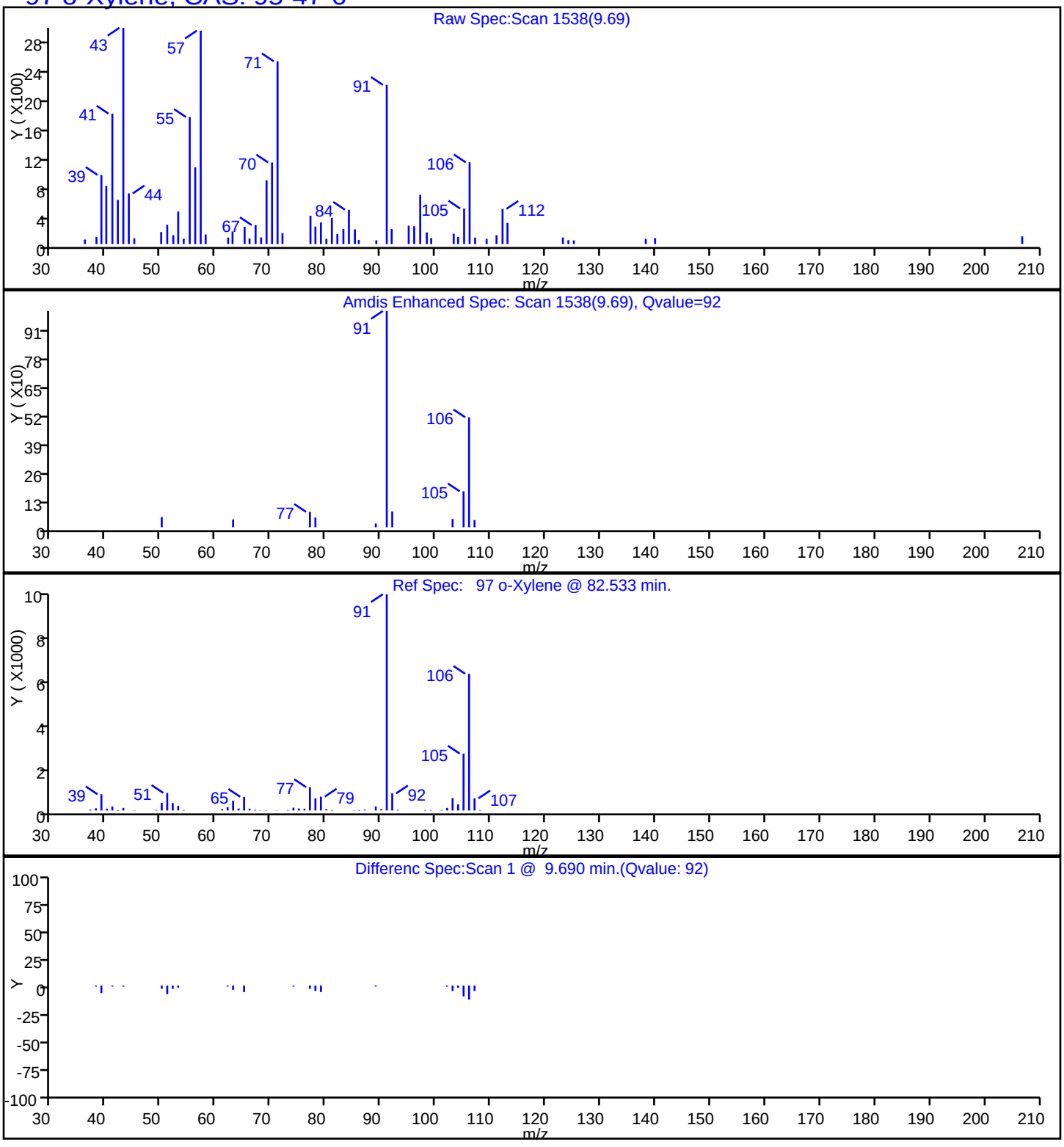
67 Methylcyclohexane, CAS: 108-87-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D		
Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

97 o-Xylene, CAS: 95-47-6



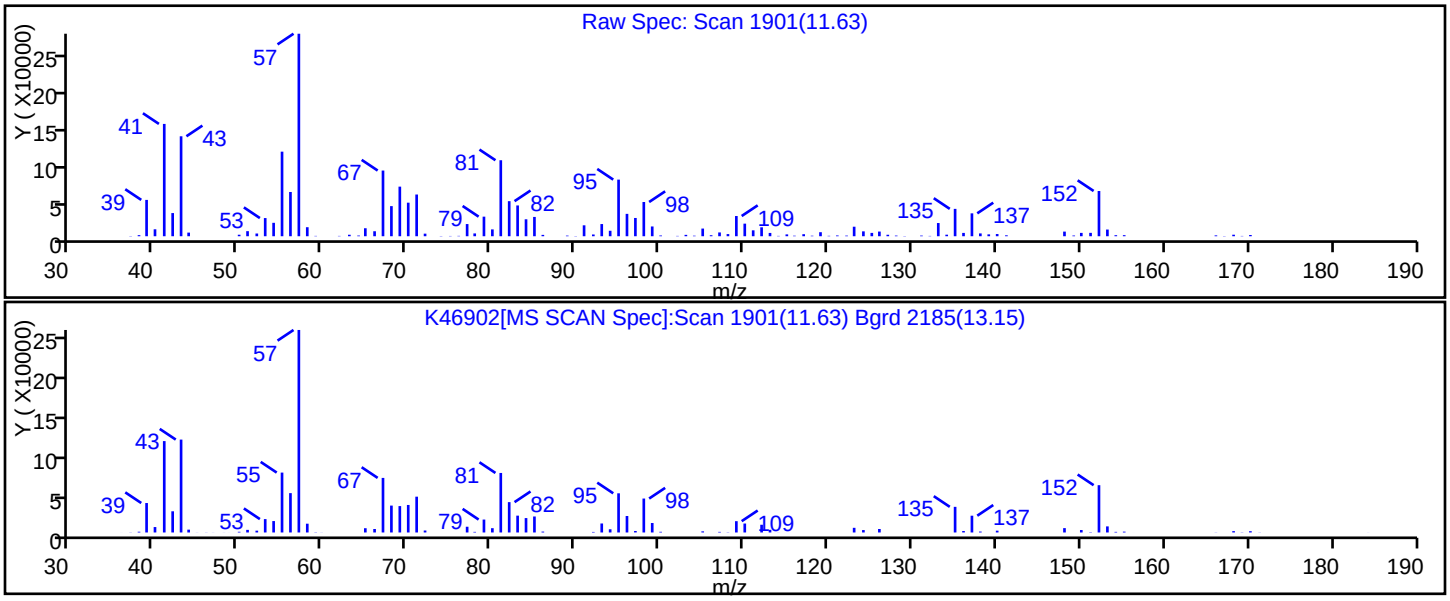
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

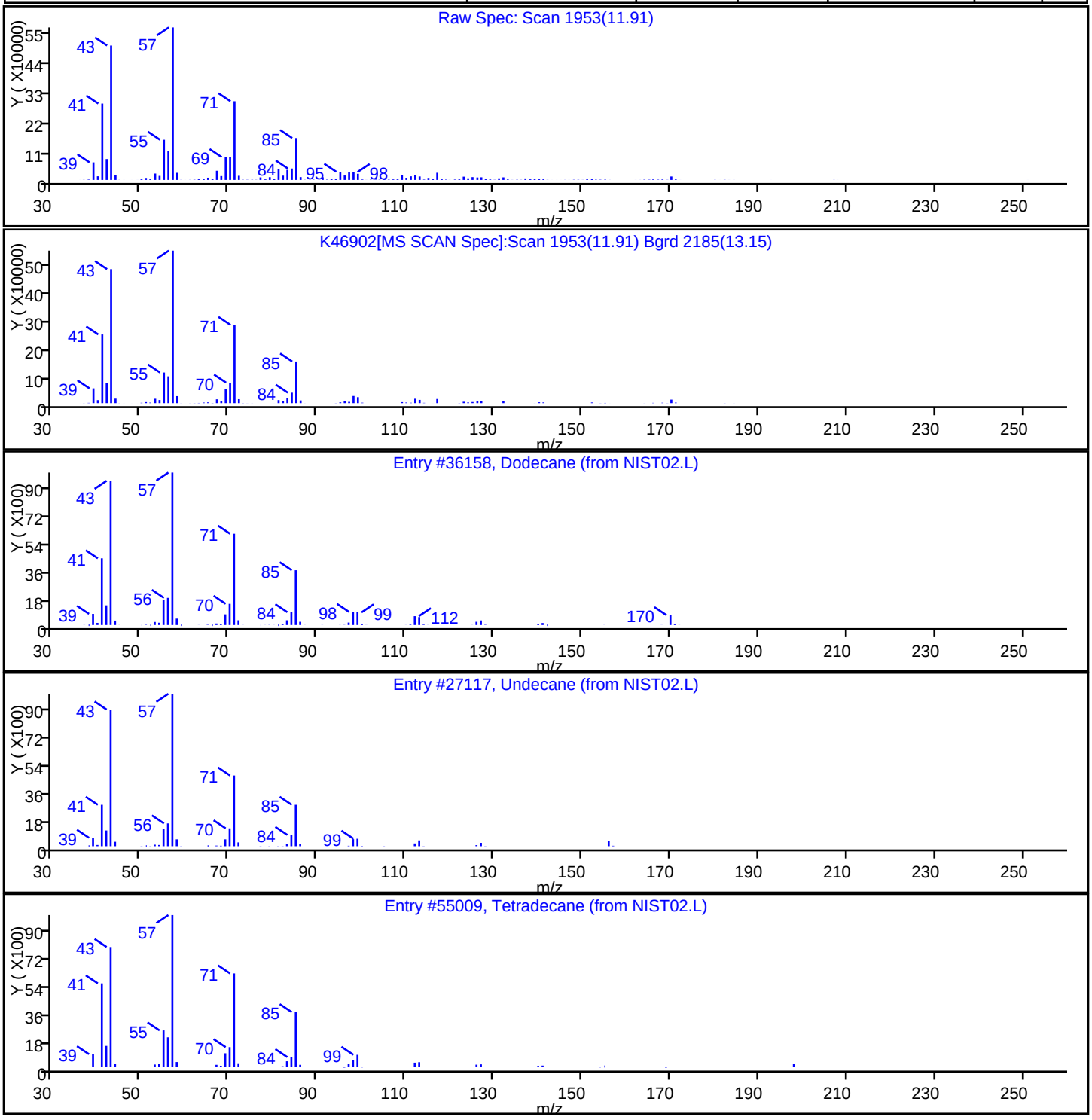
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D
Injection Date: 10-Nov-2015 18:46:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-C-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane	112-40-3	NIST02.L	36158	C12H26	170	93
Undecane	1120-21-4	NIST02.L	27117	C11H24	156	90
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	90



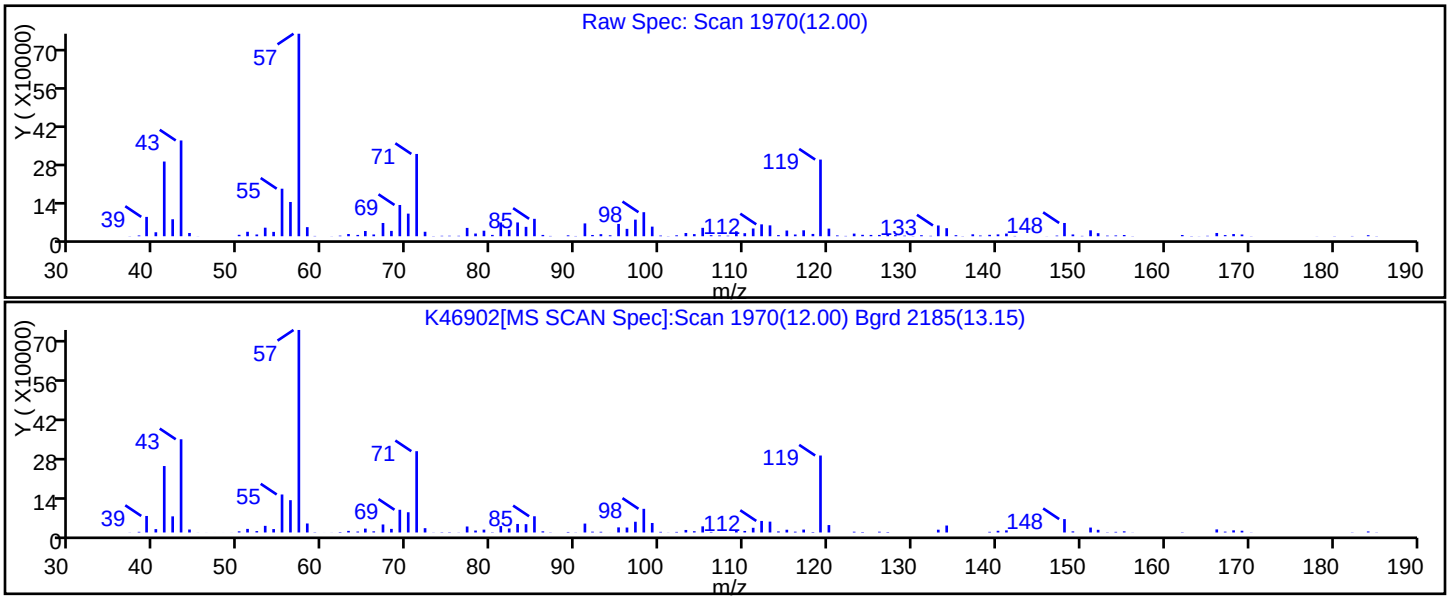
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



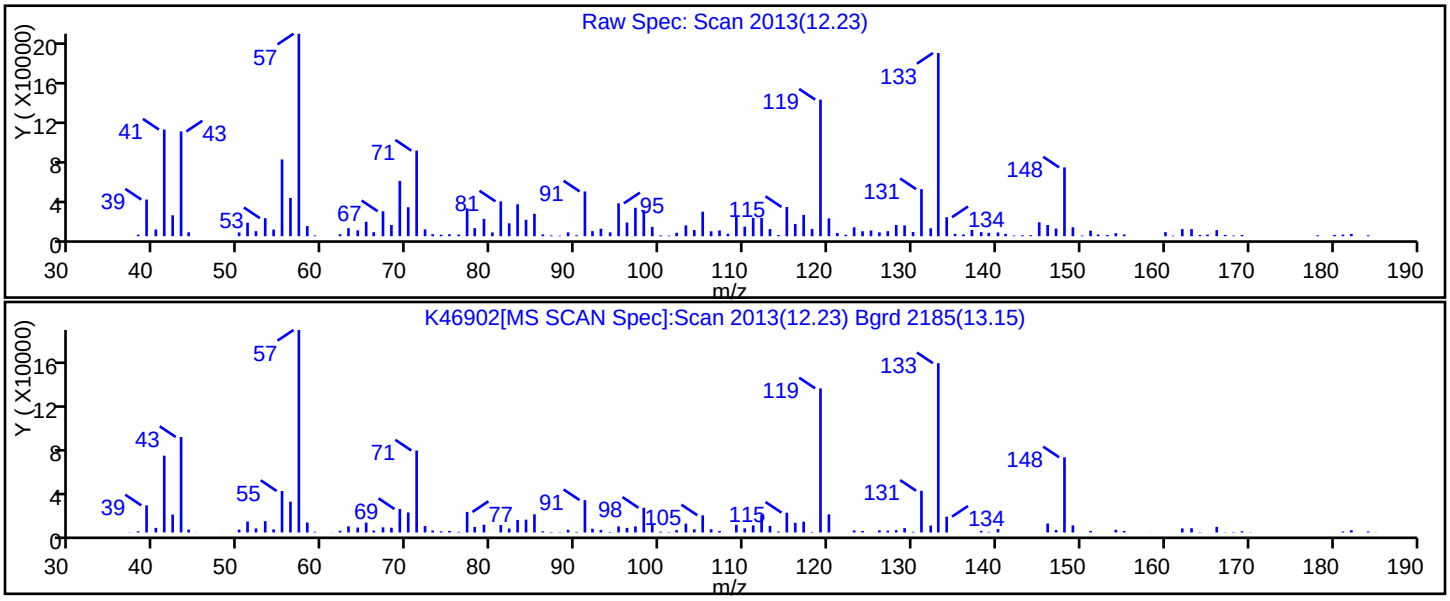
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



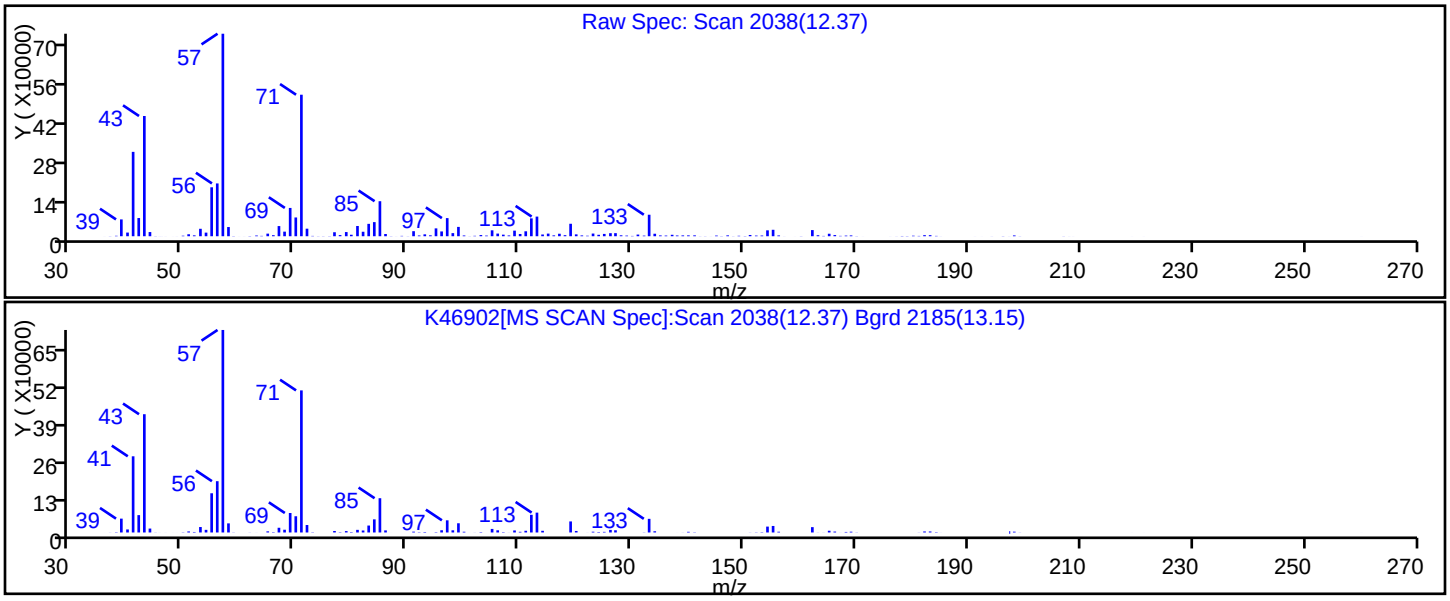
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



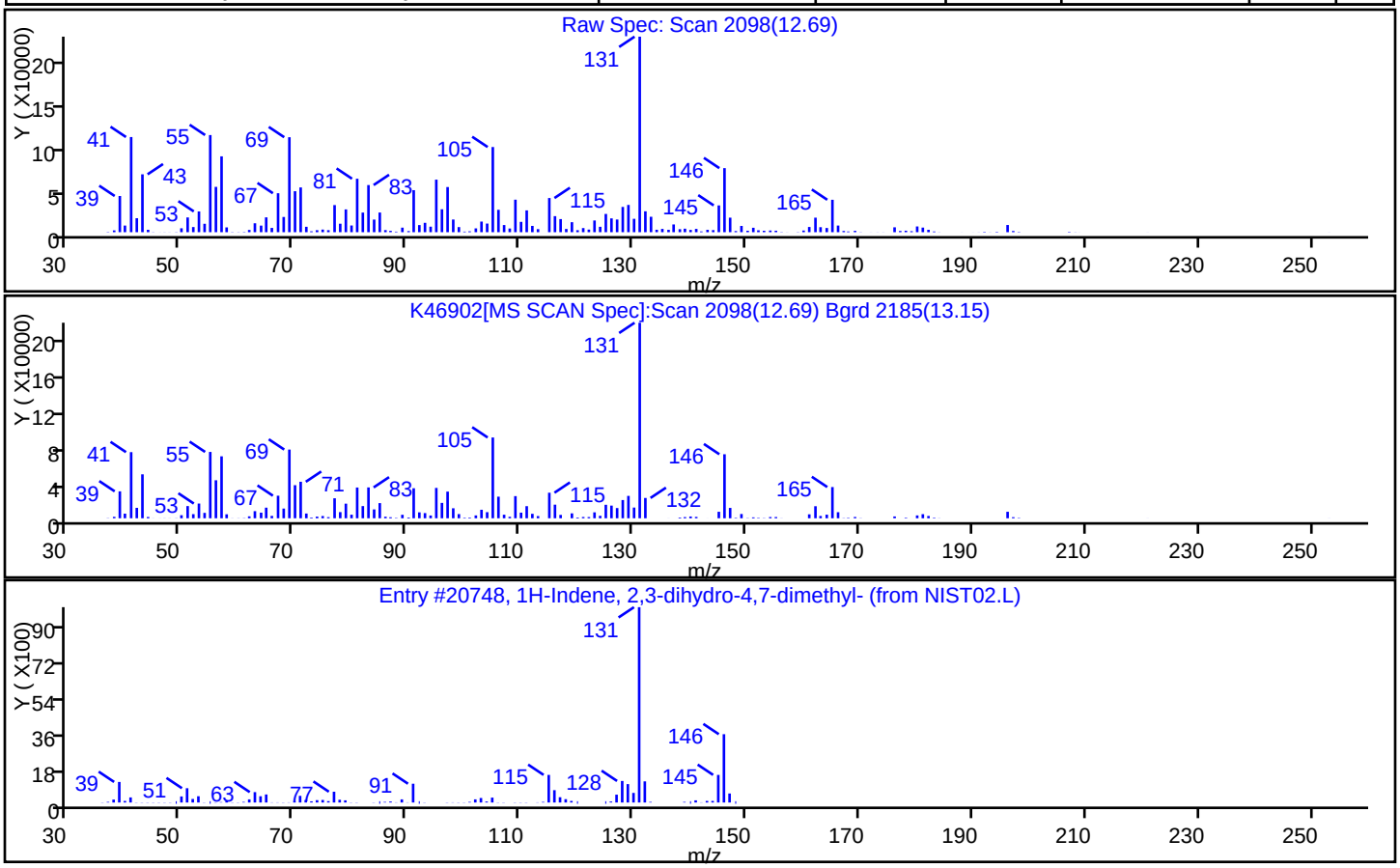
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1H-Indene, 2,3-dihydro-4,7-dimethyl-	6682-71-9	NIST02.L	20748	C11H14	146	92



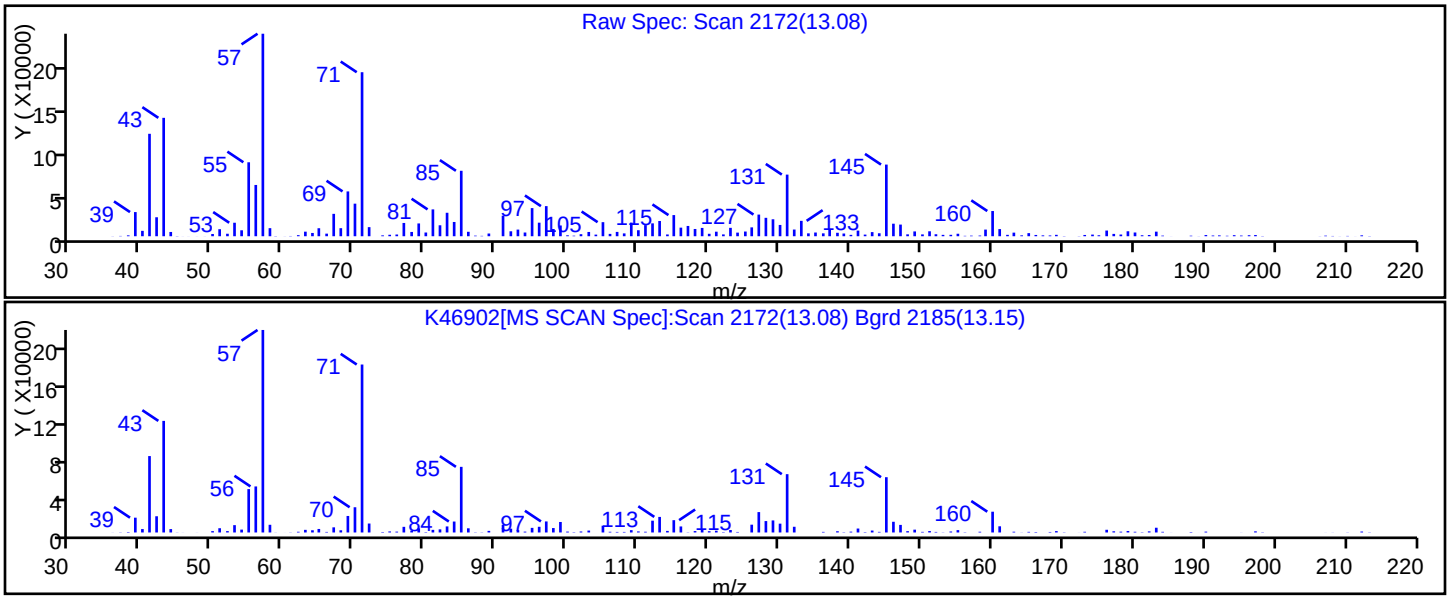
Report Date: 11-Nov-2015 12:44:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

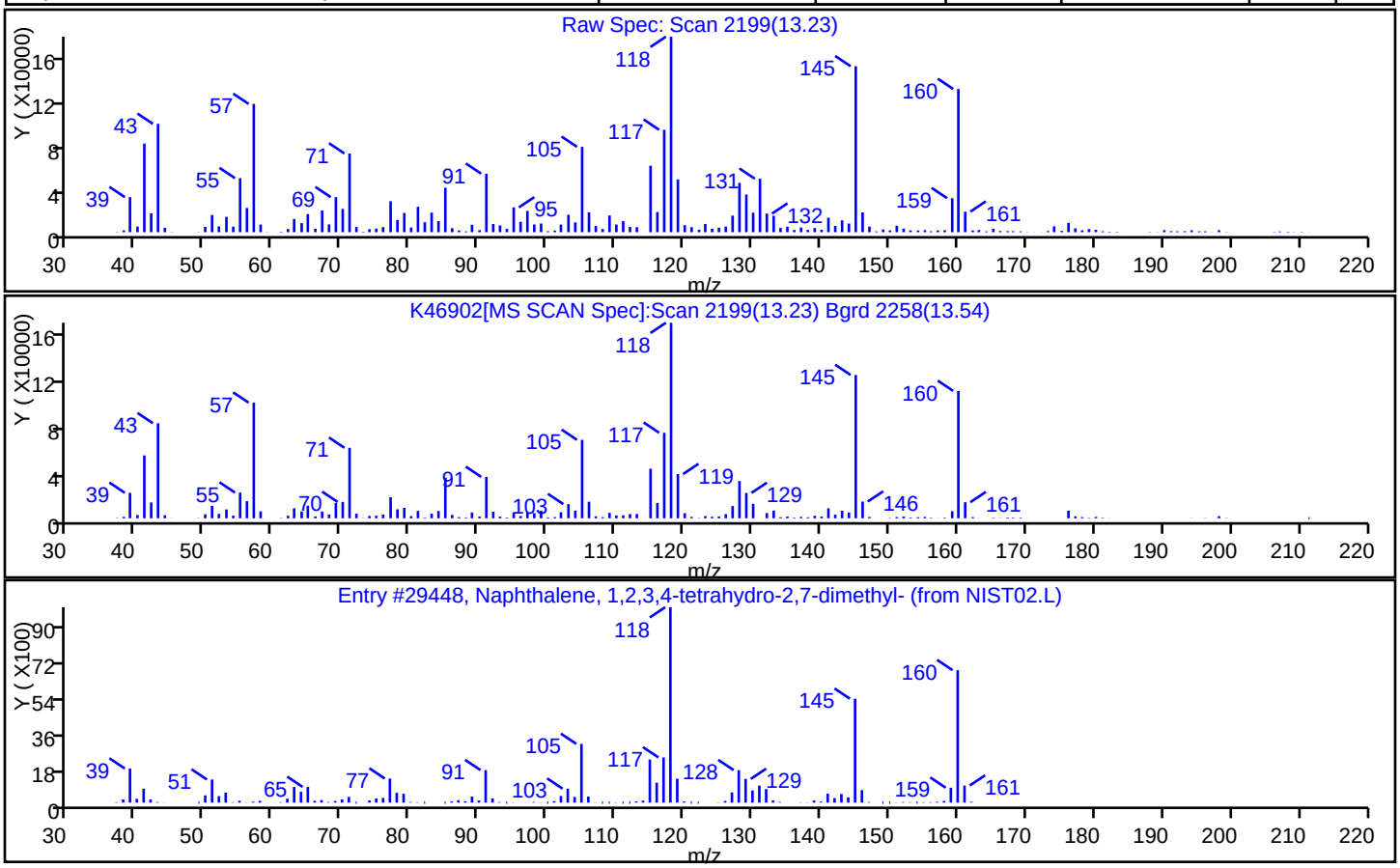


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D

Injection Date:	10-Nov-2015 18:46:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-24-A	Lab Sample ID:	460-104096-24
Client ID:	PMP-7-NW2-12.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

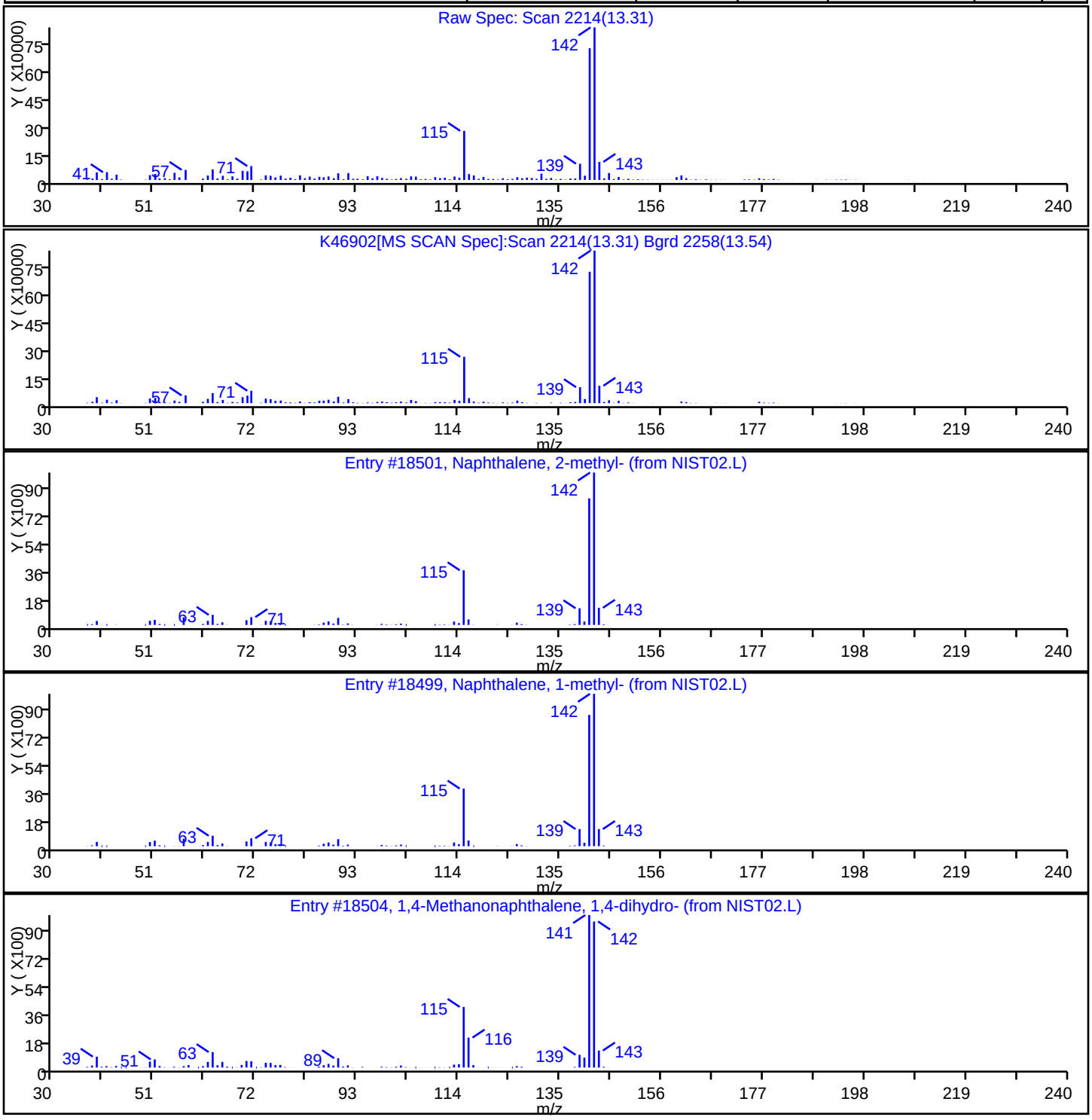
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1,2,3,4-tetrahydro-2,7-dime	13065-07-1	NIST02.L	29448	C12H16	160	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D
Injection Date: 10-Nov-2015 18:46:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-C-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

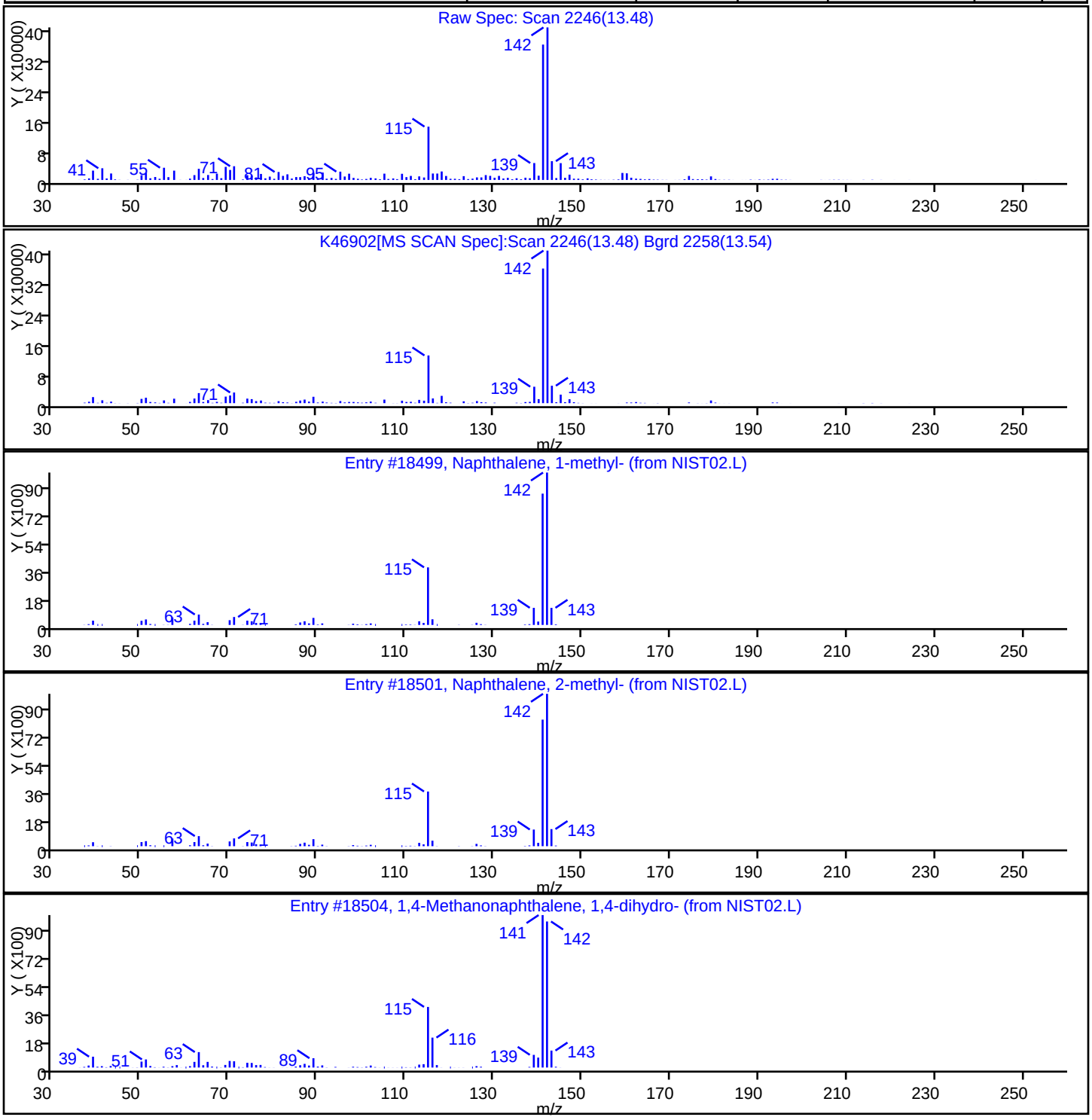
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46902.D
Injection Date: 10-Nov-2015 18:46:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-C-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, 1-methyl-	90-12-0	NIST02.L	18499	C11H10	142	96
Naphthalene, 2-methyl-	91-57-6	NIST02.L	18501	C11H10	142	96
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST02.L	18504	C11H10	142	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT | Lab Sample ID: 460-104096-26

Matrix: Solid | Lab File ID: B89737.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:06

Sample wt/vol: 5.76(g) | Date Analyzed: 11/09/2015 14:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20	U	90	20
74-83-9	Bromomethane	16	U	90	16
75-01-4	Vinyl chloride	18	U	90	18
75-00-3	Chloroethane	33	U	90	33
75-09-2	Methylene Chloride	19	U	90	19
67-64-1	Acetone	97	U	450	97
75-15-0	Carbon disulfide	20	U	90	20
75-69-4	Trichlorofluoromethane	14	U	90	14
75-35-4	1,1-Dichloroethene	31	U	90	31
75-34-3	1,1-Dichloroethane	22	U	90	22
156-60-5	trans-1,2-Dichloroethene	16	U	90	16
156-59-2	cis-1,2-Dichloroethene	23	U	90	23
67-66-3	Chloroform	20	U	90	20
78-93-3	2-Butanone	200	U	450	200
107-06-2	1,2-Dichloroethane	23	U	90	23
71-55-6	1,1,1-Trichloroethane	25	U	90	25
56-23-5	Carbon tetrachloride	30	U	90	30
71-43-2	Benzene	17	U	90	17
75-25-2	Bromoform	16	U	90	16
100-42-5	Styrene	15	U	90	15
100-41-4	Ethylbenzene	27	U	90	27
108-90-7	Chlorobenzene	22	U	90	22
110-82-7	Cyclohexane	23	U	90	23
98-82-8	Isopropylbenzene	29	U	90	29
591-78-6	2-Hexanone	65	U	450	65
1634-04-4	MTBE	12	U	90	12
76-13-1	Freon TF	31	U	90	31
79-20-9	Methyl acetate	52	U	450	52
123-91-1	1,4-Dioxane	790	U *	2300	790
79-01-6	Trichloroethene	20	U	90	20
108-88-3	Toluene	23	U	90	23
10061-02-6	trans-1,3-Dichloropropene	17	U	90	17
108-10-1	4-Methyl-2-pentanone	57	U	450	57
10061-01-5	cis-1,3-Dichloropropene	14	U	90	14
95-50-1	1,2-Dichlorobenzene	20	U	90	20
541-73-1	1,3-Dichlorobenzene	30	U	90	30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT | Lab Sample ID: 460-104096-26

Matrix: Solid | Lab File ID: B89737.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:06

Sample wt/vol: 5.76(g) | Date Analyzed: 11/09/2015 14:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	30	U	90	30
120-82-1	1,2,4-Trichlorobenzene	530		90	24
87-61-6	1,2,3-Trichlorobenzene	32	U	90	32
78-87-5	1,2-Dichloropropane	16	U	90	16
108-87-2	Methylcyclohexane	20	U	90	20
127-18-4	Tetrachloroethene	32	U	90	32
1330-20-7	Xylenes, Total	25	U	180	25
96-12-8	1,2-Dibromo-3-Chloropropane	21	U	90	21
79-34-5	1,1,2,2-Tetrachloroethane	17	U	90	17
79-00-5	1,1,2-Trichloroethane	7.2	U *	90	7.2
124-48-1	Dibromochloromethane	20	U	90	20
106-93-4	1,2-Dibromoethane	17	U	90	17
75-71-8	Dichlorodifluoromethane	13	U	90	13
74-97-5	Bromochloromethane	27	U	90	27
75-27-4	Bromodichloromethane	14	U	90	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		69-145
2037-26-5	Toluene-d8 (Surr)	99		72-136
460-00-4	Bromofluorobenzene	95		64-131
1868-53-7	Dibromofluoromethane (Surr)	95		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT | Lab Sample ID: 460-104096-26

Matrix: Solid | Lab File ID: B89737.D

Analysis Method: 8260C | Date Collected: 11/05/2015 12:06

Sample wt/vol: 5.76(g) | Date Analyzed: 11/09/2015 14:03

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.8 | Level: (low/med) Medium

Analysis Batch No.: 334020 | Units: ug/Kg

Number TICs Found: 10 | TIC Result Total: 43900

CAS NO.	COMPOUND NAME	RT	RESULT	Q
91-17-8	Naphthalene, decahydro-	10.79	4400	J N
1000152-47-3	trans-Decalin, 2-methyl-	11.29	3900	J N
	Unknown	11.45	4800	J
	Unknown	11.74	4000	J
1618-22-0	Naphthalene, decahydro-2,6-dimethyl-	11.87	7400	J N
	Unknown	12.07	4200	J
18968-23-5	Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-,	12.25	4100	J N
	Unknown	12.57	3900	J
	Unknown	12.85	3600	J
	Unknown	13.03	3600	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D
Lims ID: 460-104096-A-26-A Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Sample Type: Client
Inject. Date: 09-Nov-2015 14:03:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-104096-A-26-A
Misc. Info.: 460-0033978-010
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 18:42:57 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: boykink Date: 09-Nov-2015 18:42:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.583	0.024	86	136313	1000.0	
* 158 2-Butanone-d5	46	3.677	3.661	0.016	98	156756	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.188	0.008	93	105852	47.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.558	0.016	94	104572	46.2	
* 62 Fluorobenzene	96	4.879	4.871	0.008	99	436799	50.0	
* 69 1,4-Dioxane-d8	96	5.726	5.702	0.024	90	16104	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	360898	49.3	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	83	372859	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	150693	47.4	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	92	224885	50.0	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	86	20052	5.91	

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D				
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Sample Type:	Client				
Inject. Date:	09-Nov-2015 14:03:30	ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-104096-A-26-A				
Misc. Info.:	460-0033978-010				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	09-Nov-2015 18:42:57	Calib Date:	31-Oct-2015 15:49:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK019				
First Level Reviewer: boykink		Date:	09-Nov-2015 18:42:57		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
91-17-8 Naphthalene, decahydro-								
10.788	1235257	48.4	119	97	16287	C10H18	138	
1000152-47-3 trans-Decalin, 2-methyl-								
11.290	1095032	42.9	119	90	24310	C11H20	152	
Unknown								
11.454	1352586	53.0	119					
Unknown								
11.742	1131538	44.4	119					
1618-22-0 Naphthalene, decahydro-2,6-dimethyl-								
11.866	2104495	82.5	119	93	33325	C12H22	166	
Unknown								
12.072	1181428	46.3	119					
18968-23-5 Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-,								
12.253	1150796	45.1	119	90	16411	C10H18	138	
Unknown								
12.565	1094984	42.9	119					
Unknown								
12.845	1031199	40.4	119					
Unknown								
13.034	1007172	39.5	119					

Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 119 1,4-Dichlorobenzene-d4	10.566	1275330	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

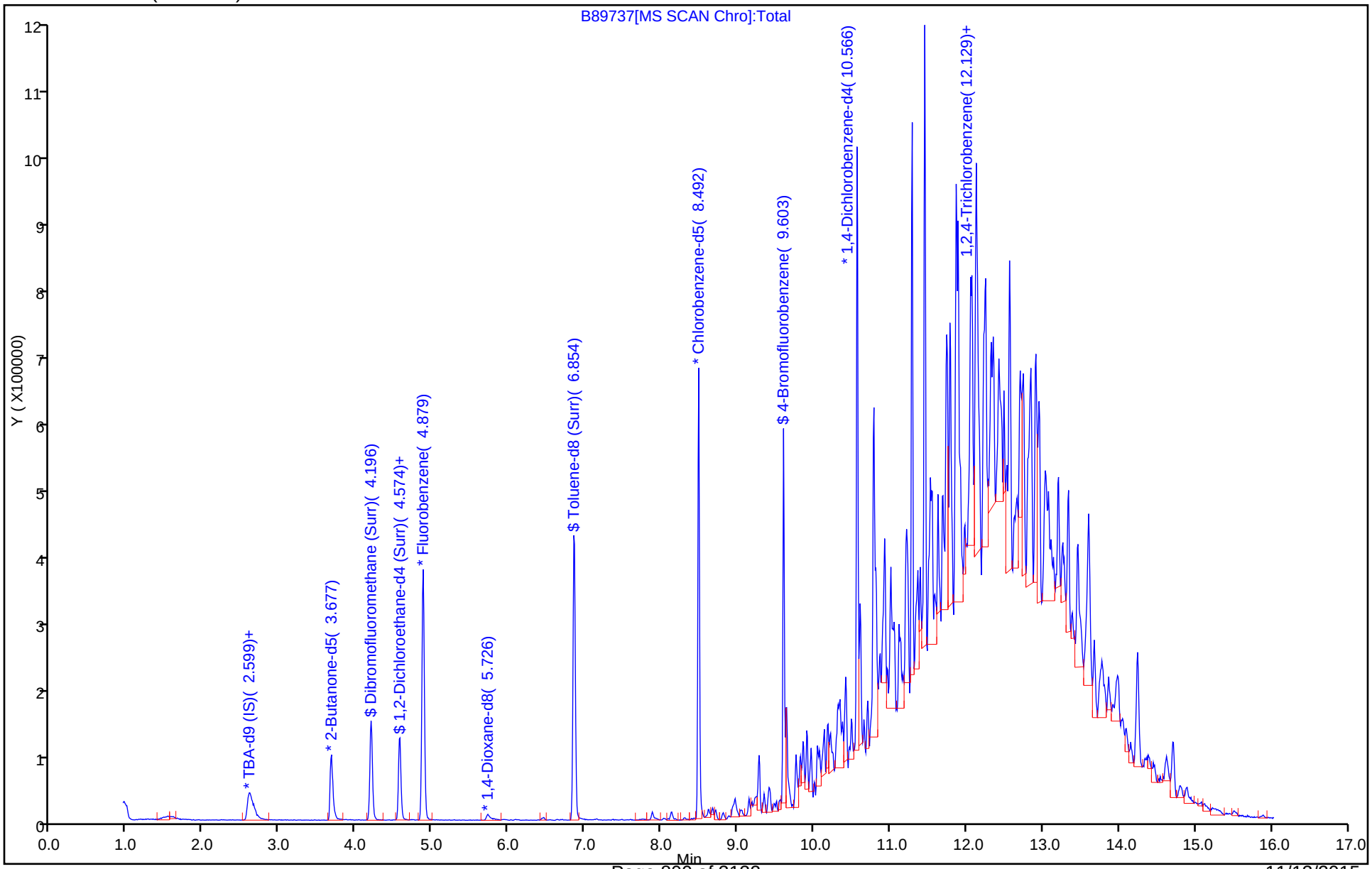
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26	Worklist Smp#:	10
Client ID:	PMP-9-NW2-WT				
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	9
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

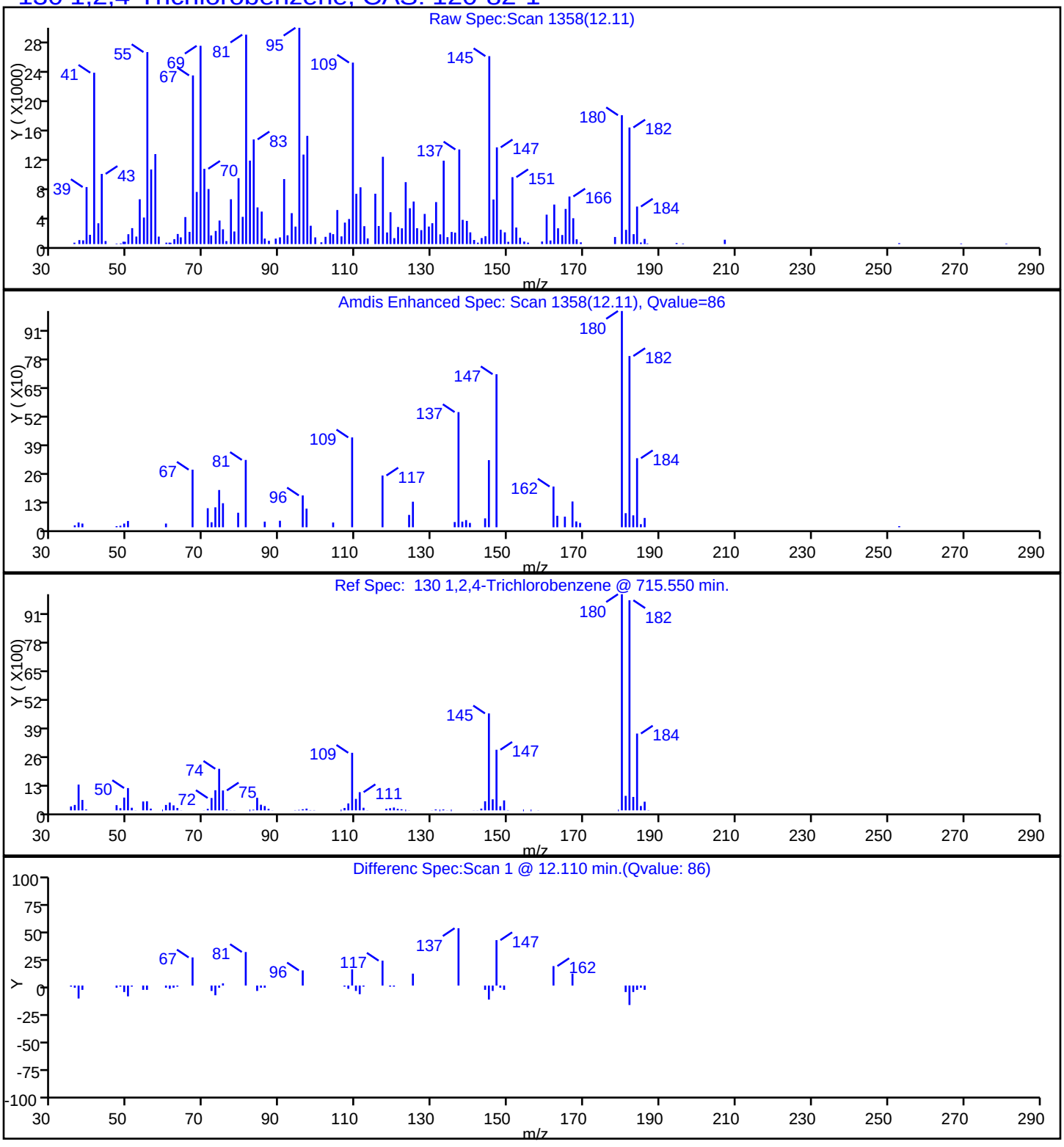
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D				
Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

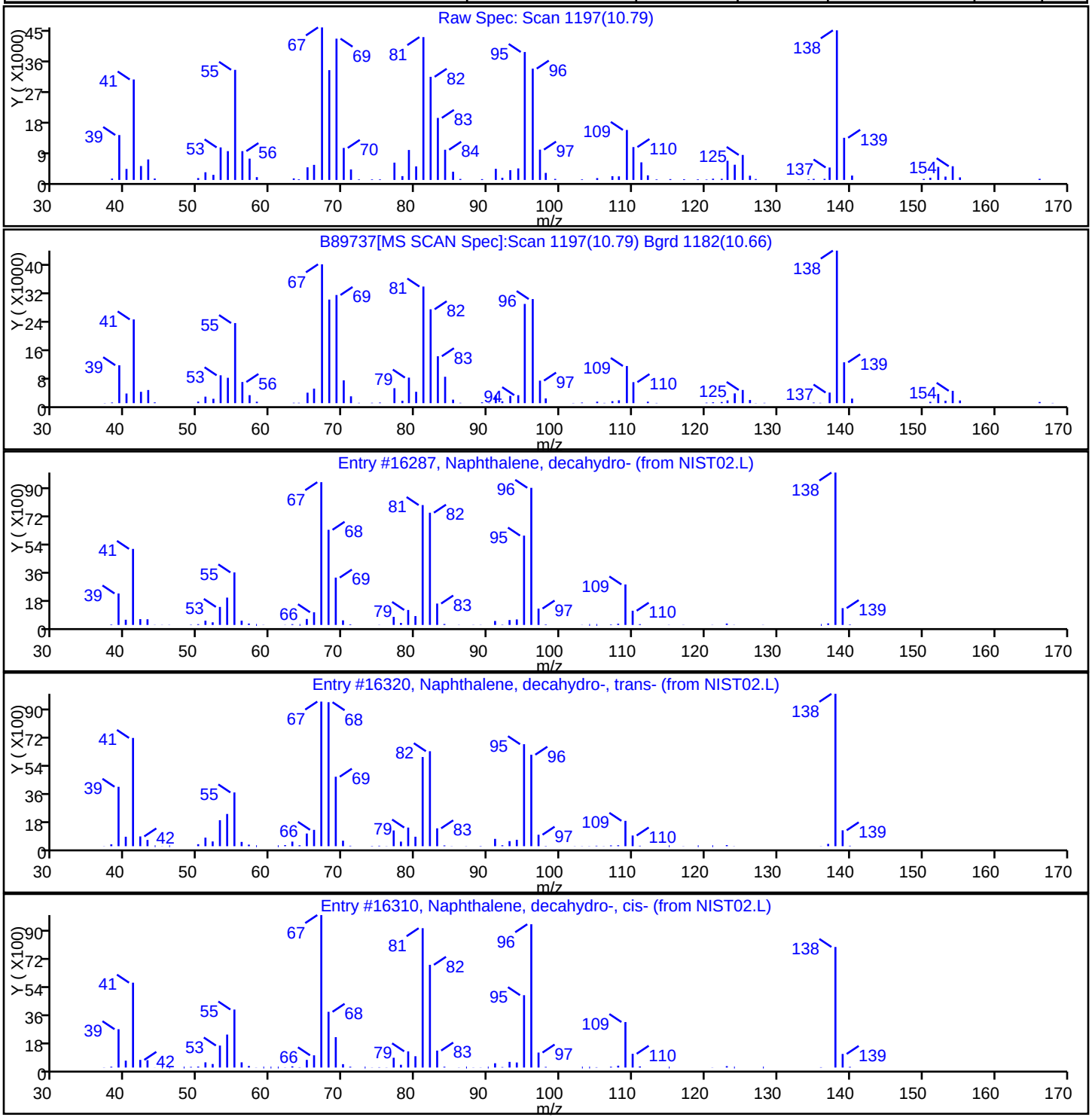
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D
Injection Date: 09-Nov-2015 14:03:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-26-A Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-	91-17-8	NIST02.L	16287	C10H18	138	97
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	C10H18	138	89
Naphthalene, decahydro-, cis-	493-01-6	NIST02.L	16310	C10H18	138	87



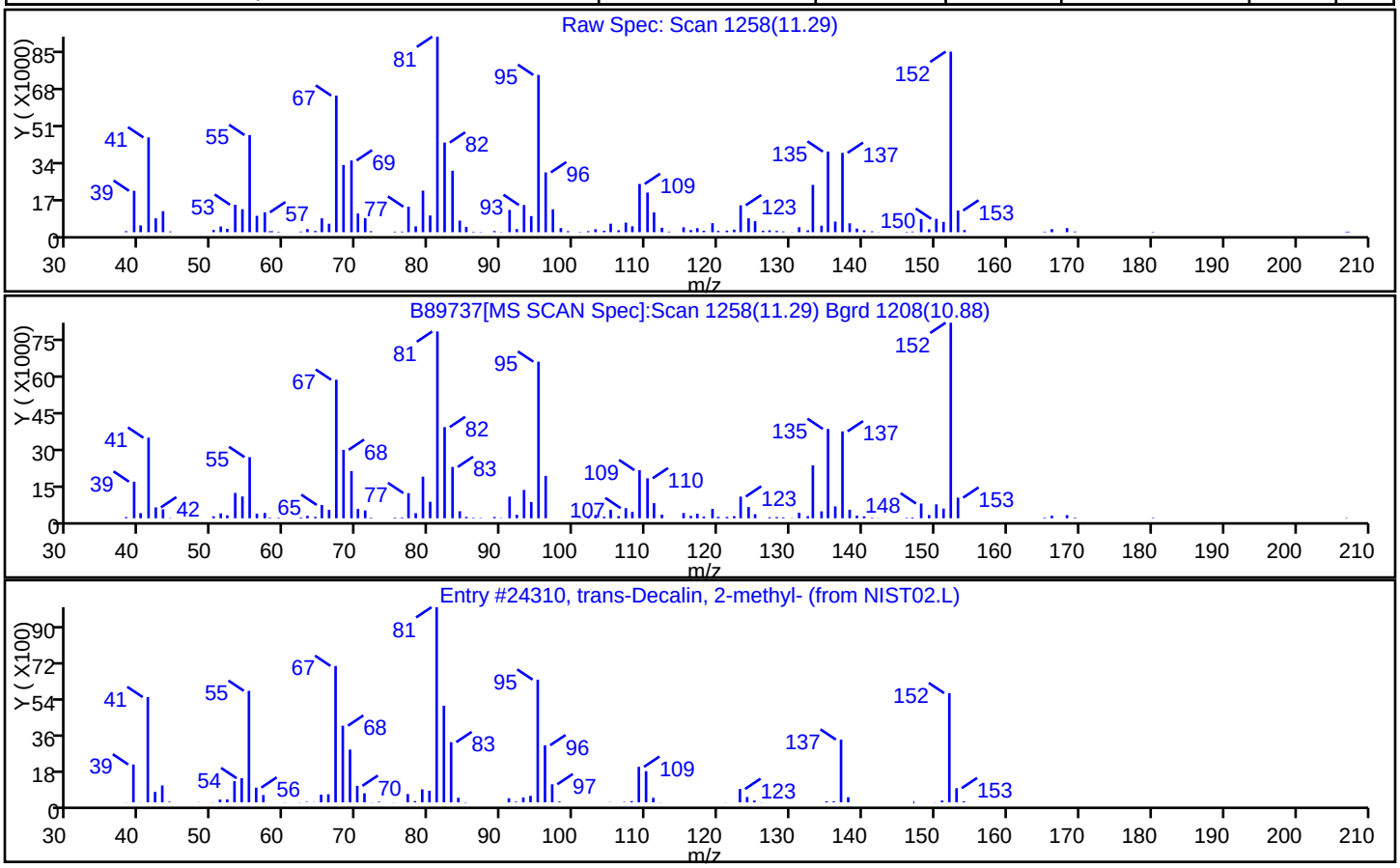
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26
Client ID:	PMP-9-NW2-WT		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	90



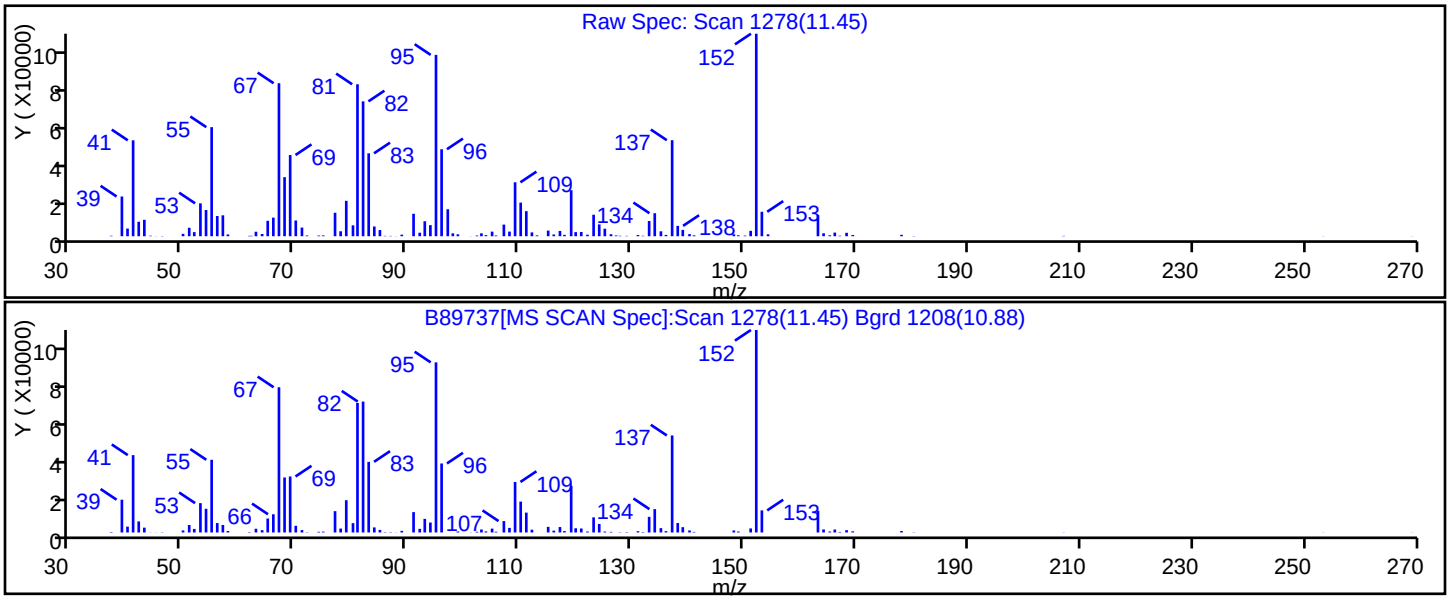
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



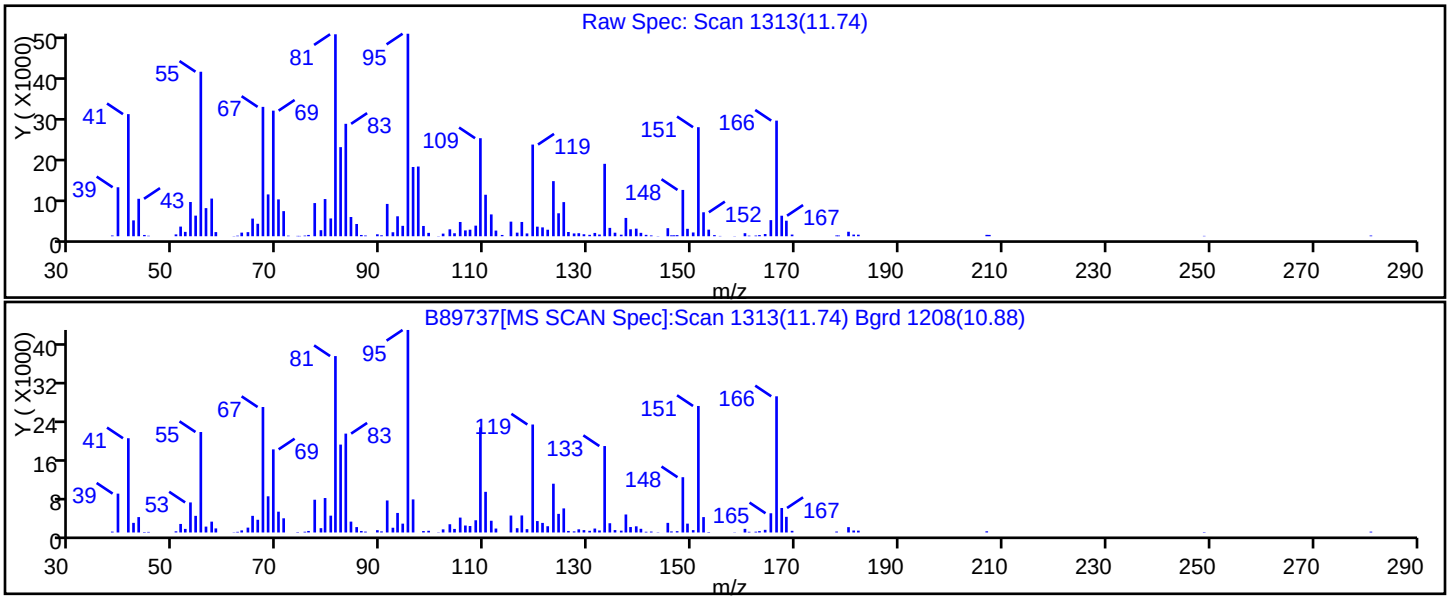
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

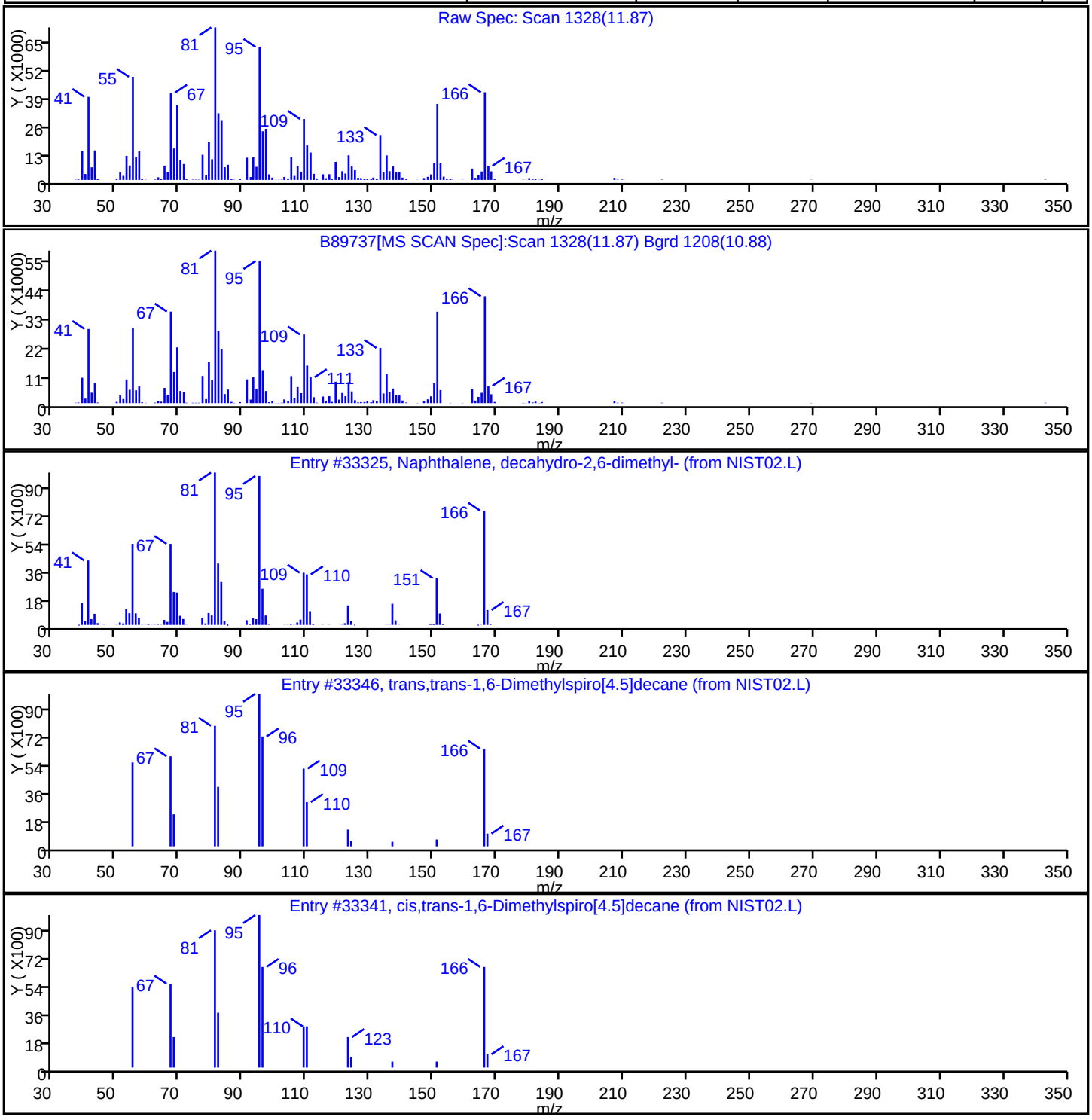
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D
Injection Date: 09-Nov-2015 14:03:30 Instrument ID: CVOAMS2
Lims ID: 460-104096-A-26-A Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Operator ID: ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-2,6-dimethyl-	1618-22-0	NIST02.L	33325	C12H22	166	93
trans,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-1	NIST02.L	33346	C12H22	166	93
cis,trans-1,6-Dimethylspiro[4.5]decane	1000111-72-3	NIST02.L	33341	C12H22	166	86



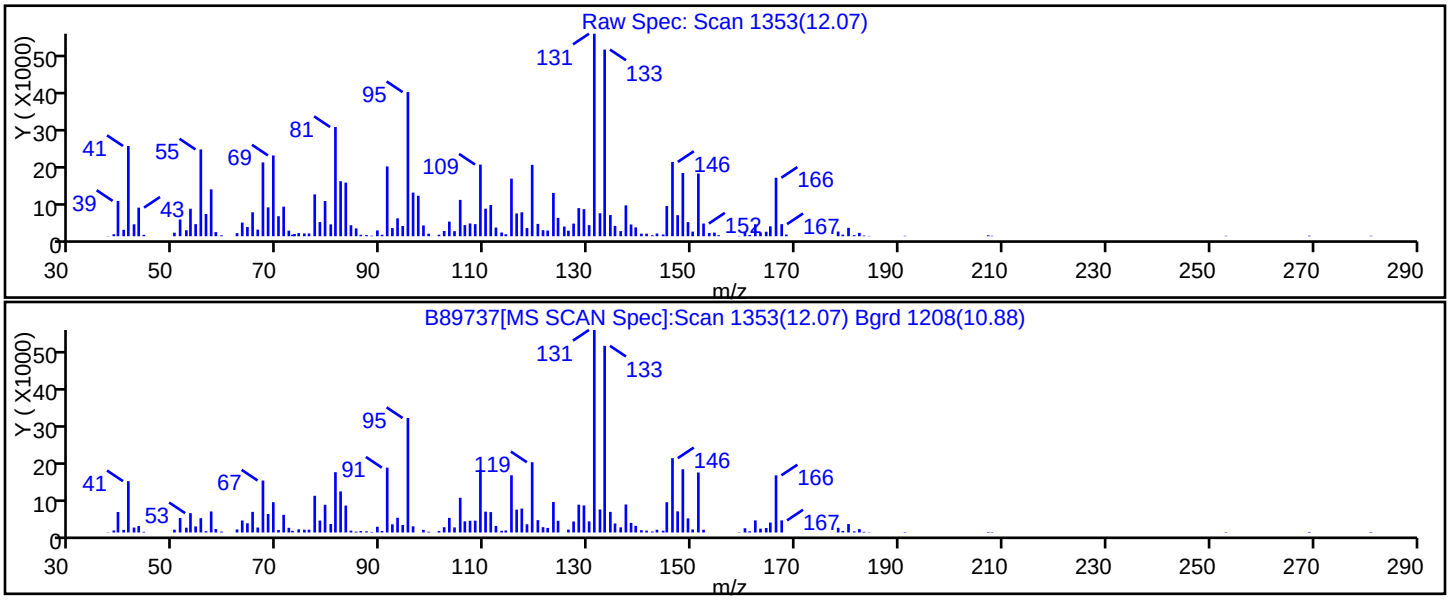
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



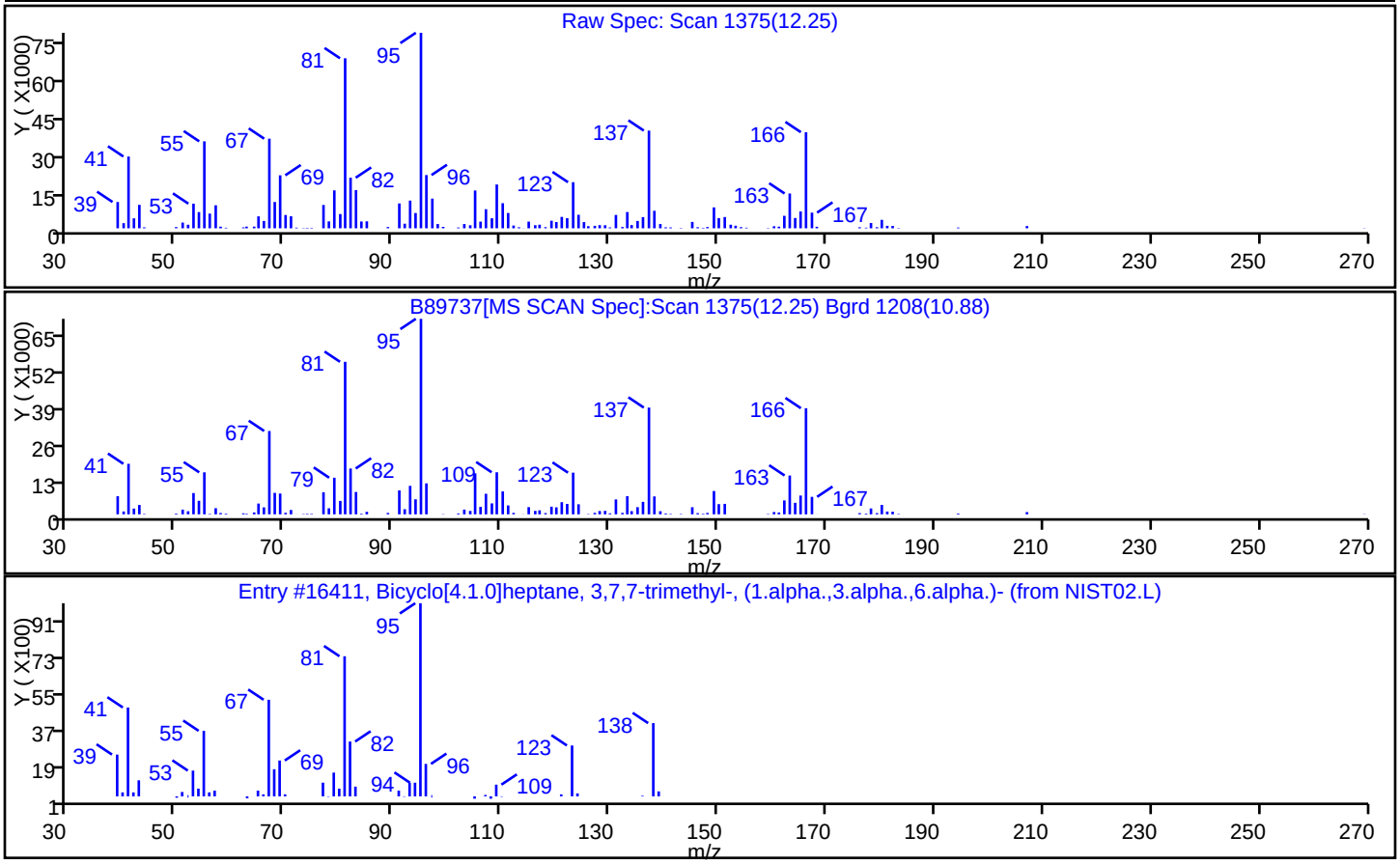
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26
Client ID:	PMP-9-NW2-WT		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Bicyclo[4.1.0]heptane, 3,7,7-trimethyl-,	18968-23-5	NIST02.L	16411	C10H18	138	90



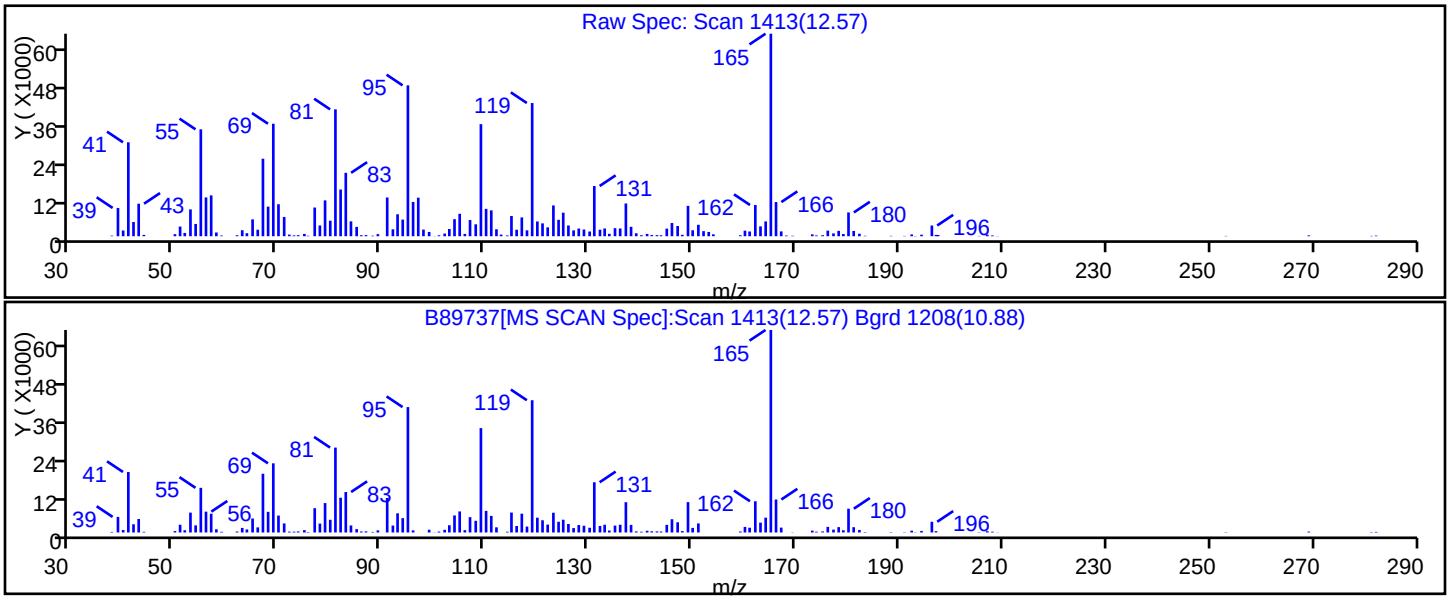
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



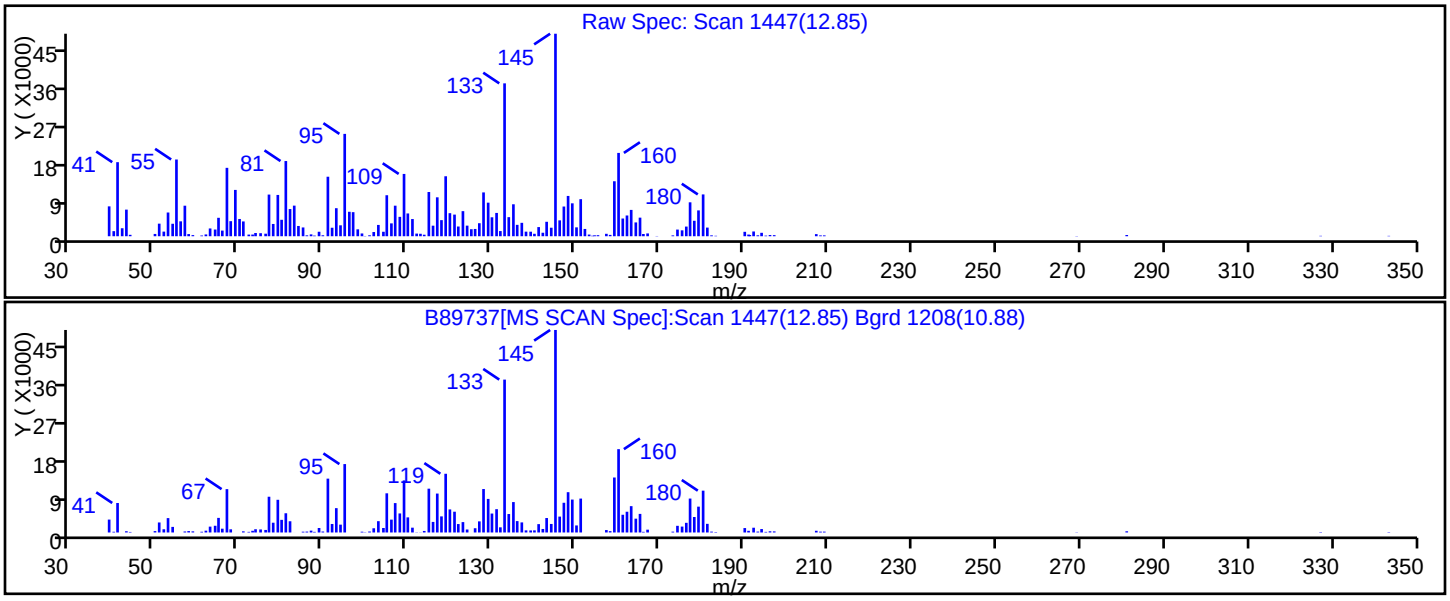
Report Date: 09-Nov-2015 18:42:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D

Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2		
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

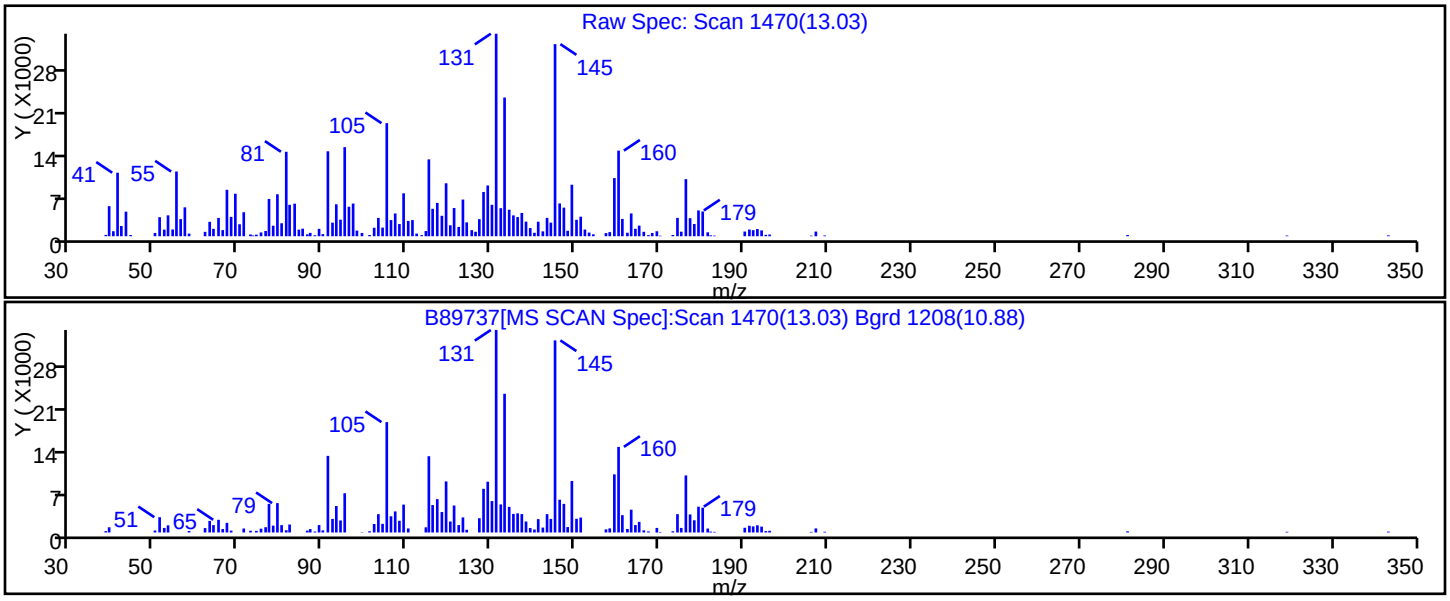
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89737.D		
Injection Date:	09-Nov-2015 14:03:30	Instrument ID:	CVOAMS2
Lims ID:	460-104096-A-26-A	Lab Sample ID:	460-104096-26
Client ID:	PMP-9-NW2-WT		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	50.0000
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: K46850.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:45

Sample wt/vol: 6.676(g) | Date Analyzed: 11/09/2015 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.4 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.31	U	0.81	0.31
74-83-9	Bromomethane	0.26	U	0.81	0.26
75-01-4	Vinyl chloride	0.32	U	0.81	0.32
75-00-3	Chloroethane	0.28	U	0.81	0.28
75-09-2	Methylene Chloride	0.26	U	0.81	0.26
67-64-1	Acetone	0.86	U	4.0	0.86
75-15-0	Carbon disulfide	0.35	U	0.81	0.35
75-69-4	Trichlorofluoromethane	0.27	U	0.81	0.27
75-35-4	1,1-Dichloroethene	0.33	U	0.81	0.33
75-34-3	1,1-Dichloroethane	0.27	U	0.81	0.27
156-60-5	trans-1,2-Dichloroethene	0.32	U	0.81	0.32
156-59-2	cis-1,2-Dichloroethene	0.18	U	0.81	0.18
67-66-3	Chloroform	0.17	U	0.81	0.17
78-93-3	2-Butanone	0.62	U	4.0	0.62
107-06-2	1,2-Dichloroethane	0.089	U	0.81	0.089
71-55-6	1,1,1-Trichloroethane	0.31	U	0.81	0.31
56-23-5	Carbon tetrachloride	0.35	U	0.81	0.35
71-43-2	Benzene	0.16	U	0.81	0.16
75-25-2	Bromoform	0.11	U	0.81	0.11
100-42-5	Styrene	0.12	U	0.81	0.12
100-41-4	Ethylbenzene	0.15	U	0.81	0.15
108-90-7	Chlorobenzene	0.11	U	0.81	0.11
110-82-7	Cyclohexane	0.37	U	0.81	0.37
98-82-8	Isopropylbenzene	0.14	U	0.81	0.14
591-78-6	2-Hexanone	0.76	U	4.0	0.76
1634-04-4	MTBE	0.14	U	0.81	0.14
76-13-1	Freon TF	0.36	U	0.81	0.36
79-20-9	Methyl acetate	0.73	U	4.0	0.73
123-91-1	1,4-Dioxane	5.2	U *	16	5.2
79-01-6	Trichloroethene	1.9		0.81	0.21
108-88-3	Toluene	0.15	U	0.81	0.15
10061-02-6	trans-1,3-Dichloropropene	0.081	U	0.81	0.081
108-10-1	4-Methyl-2-pentanone	1.8	U	4.0	1.8
10061-01-5	cis-1,3-Dichloropropene	0.12	U	0.81	0.12
95-50-1	1,2-Dichlorobenzene	0.11	U	0.81	0.11
541-73-1	1,3-Dichlorobenzene	0.097	U	0.81	0.097

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: K46850.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:45

Sample wt/vol: 6.676(g) | Date Analyzed: 11/09/2015 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.4 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.81	0.11
120-82-1	1,2,4-Trichlorobenzene	0.26	U	0.81	0.26
87-61-6	1,2,3-Trichlorobenzene	0.089	U	0.81	0.089
78-87-5	1,2-Dichloropropane	0.14	U	0.81	0.14
108-87-2	Methylcyclohexane	0.40	U	0.81	0.40
127-18-4	Tetrachloroethene	0.23	U	0.81	0.23
1330-20-7	Xylenes, Total	0.089	U	1.6	0.089
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	0.81	0.38
79-34-5	1,1,2,2-Tetrachloroethane	0.14	U	0.81	0.14
79-00-5	1,1,2-Trichloroethane	0.23	U	0.81	0.23
124-48-1	Dibromochloromethane	0.12	U	0.81	0.12
106-93-4	1,2-Dibromoethane	0.097	U	0.81	0.097
75-71-8	Dichlorodifluoromethane	0.26	U	0.81	0.26
74-97-5	Bromochloromethane	0.14	U	0.81	0.14
75-27-4	Bromodichloromethane	0.31	U	0.81	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	104		67-126
1868-53-7	Dibromofluoromethane (Surr)	107		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 Lab Sample ID: 460-104096-29

Matrix: Solid Lab File ID: K46850.D

Analysis Method: 8260C Date Collected: 11/05/2015 15:45

Sample wt/vol: 6.676(g) Date Analyzed: 11/09/2015 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.4 Level: (low/med) Low

Analysis Batch No.: 334049 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 83.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	13.44	5.0	J
	Unknown	13.65	5.3	J
	Unknown	13.74	13	J
	Unknown	13.84	6.6	J
	Unknown	14.02	8.1	J
	Unknown	14.25	8.0	J
	Unknown	14.30	15	J
	Unknown	14.45	9.5	J
	Unknown	14.61	5.1	J
	Unknown	15.20	8.3	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D
Lims ID: 460-104096-B-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 09-Nov-2015 19:45:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-29-A
Misc. Info.: 460-0033985-022
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 09:09:15 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 03:11:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.292	3.281	0.011	100	345698	1000.0	
* 39 2-Butanone-d5	46	4.383	4.373	0.010	100	284697	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	146764	53.6	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	96	152813	51.9	
* 61 Fluorobenzene	96	5.502	5.496	0.006	98	453348	50.0	
64 Trichloroethene	95	5.860	5.855	0.005	96	7530	2.38	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	98	23718	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	99	457169	49.9	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	309750	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	89	155648	51.8	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.054	0.000	97	171519	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D				
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Sample Type:	Client				
Inject. Date:	09-Nov-2015 19:45:30	ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-104096-B-29-A				
Misc. Info.:	460-0033985-022				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	11-Nov-2015 09:09:15	Calib Date:	06-Nov-2015 08:33:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK001				
First Level Reviewer: boykink		Date:	10-Nov-2015 03:11:47		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
13.440	117408	6.18	91					
	Unknown							
13.654	124227	6.54	91					
	Unknown							
13.740	315225	16.6	91					
	Unknown							
13.836	155636	8.19	91					
	Unknown							
14.018	190414	10.0	91					
	Unknown							
14.254	187925	9.89	91					
	Unknown							
14.296	354327	18.6	91					
	Unknown							
14.452	223979	11.8	91					
	Unknown							
14.612	120277	6.33	91					
	Unknown							
15.195	195801	10.3	91					

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.984	950352	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

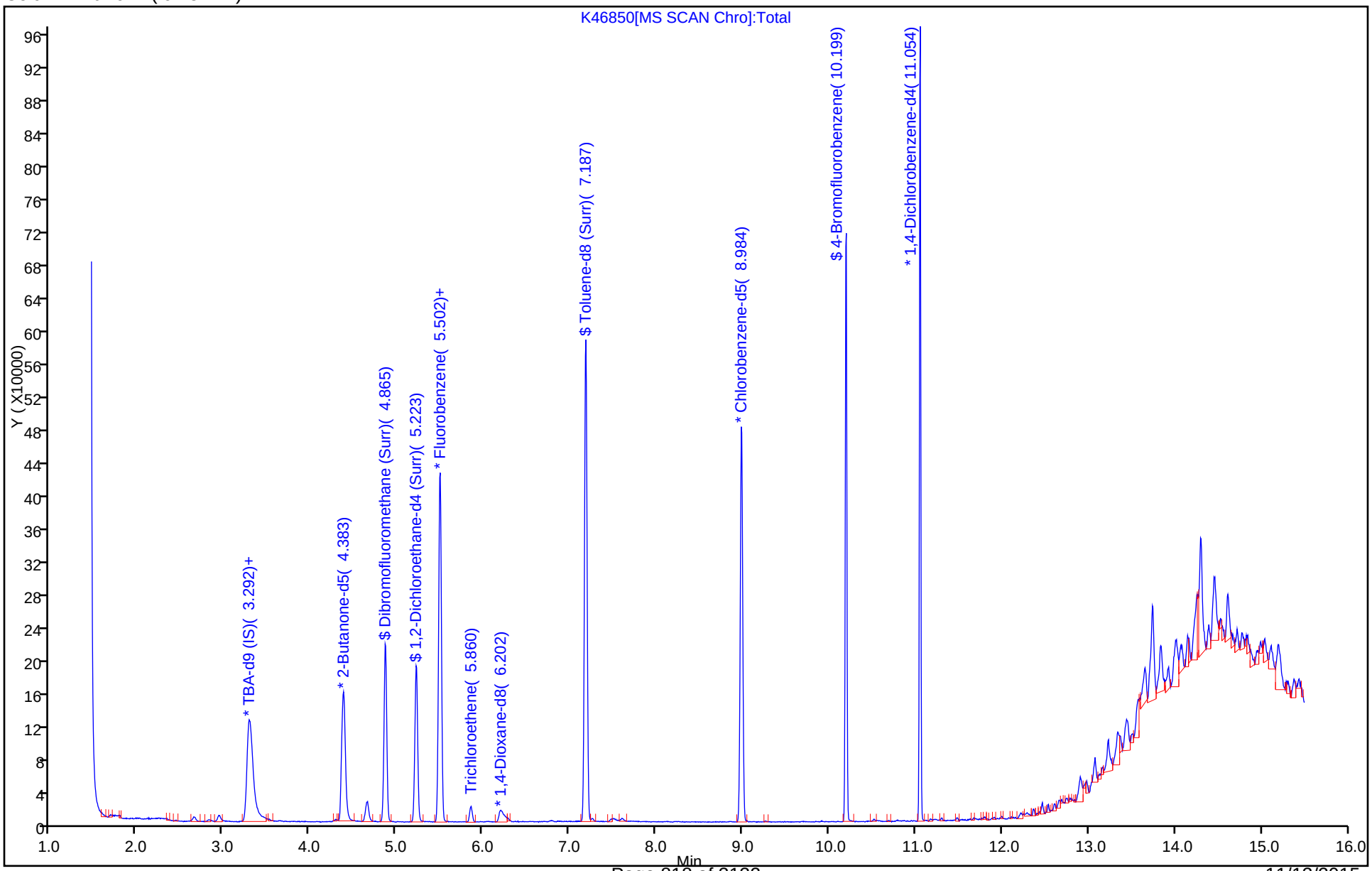
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29	Worklist Smp#:	22
Client ID:	PRA-25 E-1.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

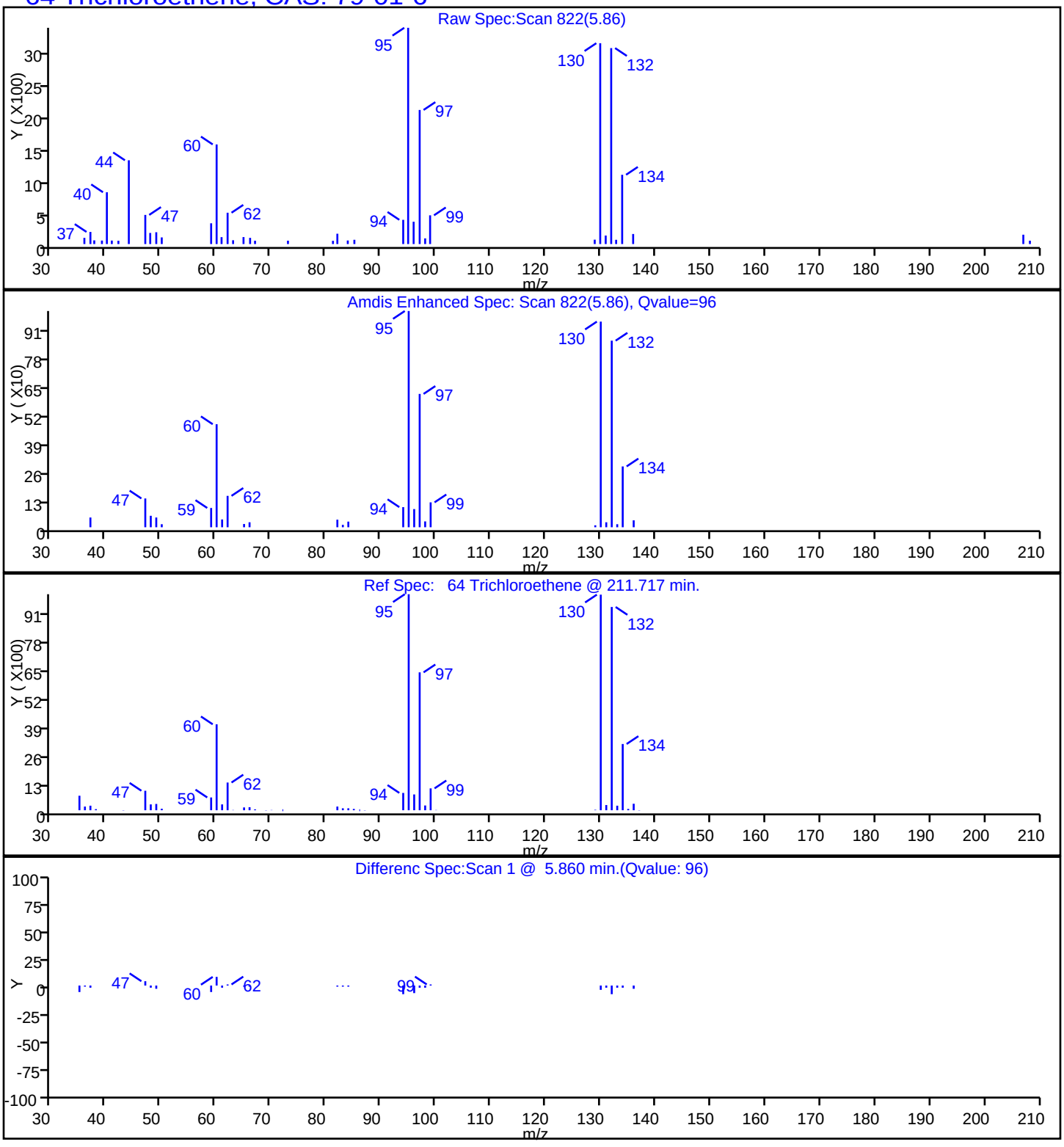
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D		
Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



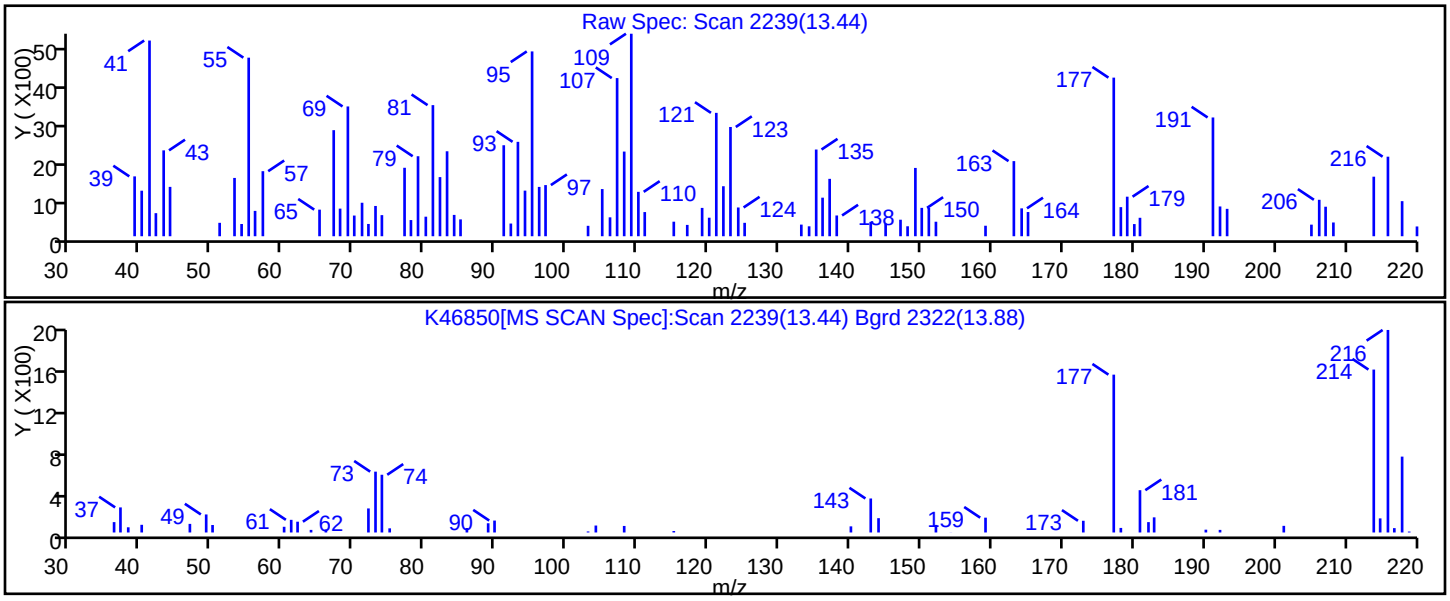
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

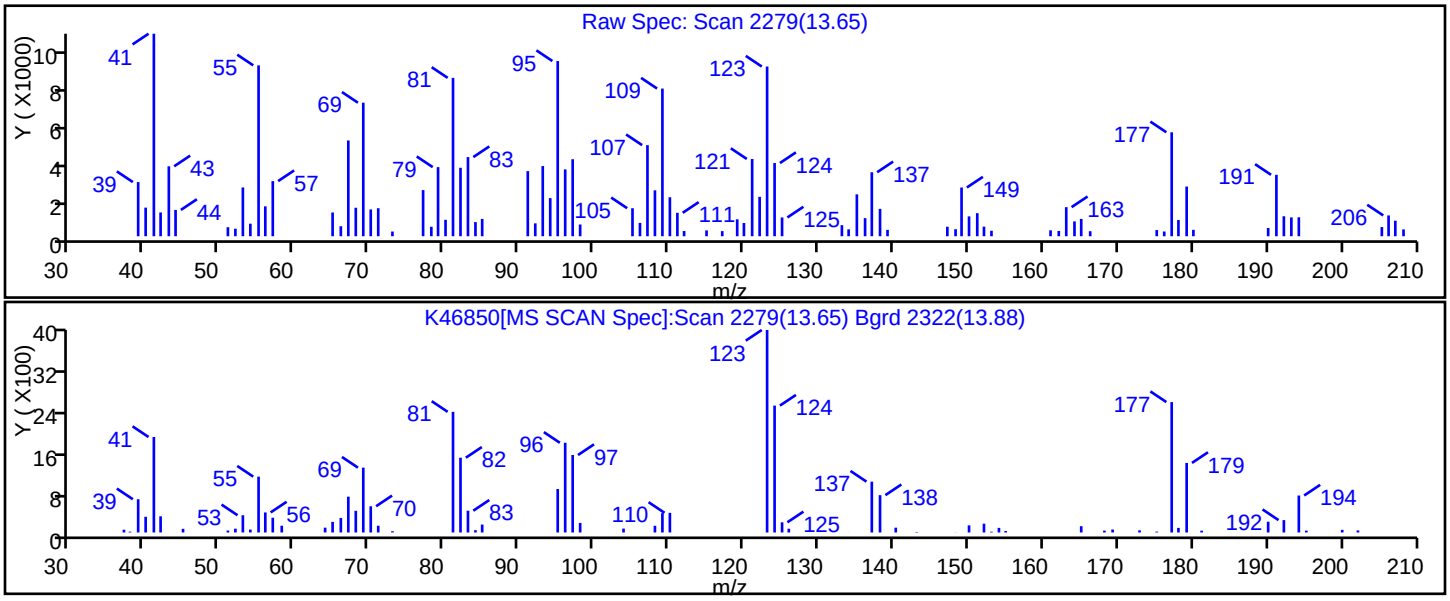


Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D				
Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



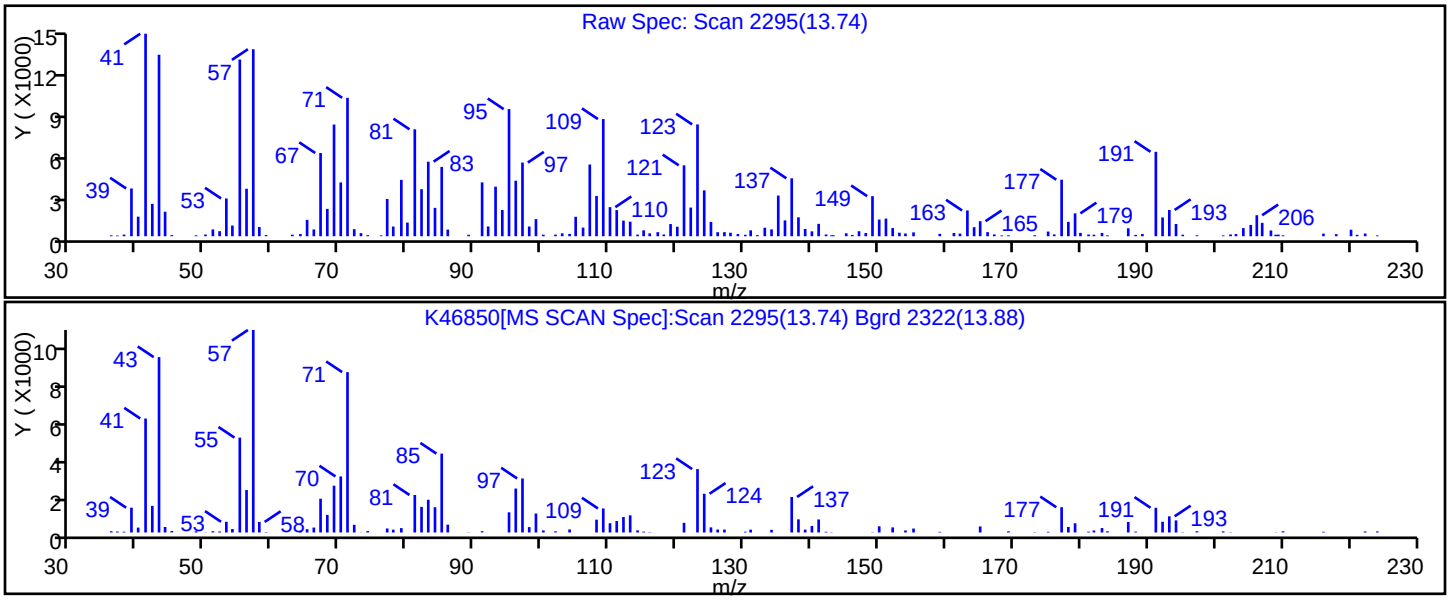
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



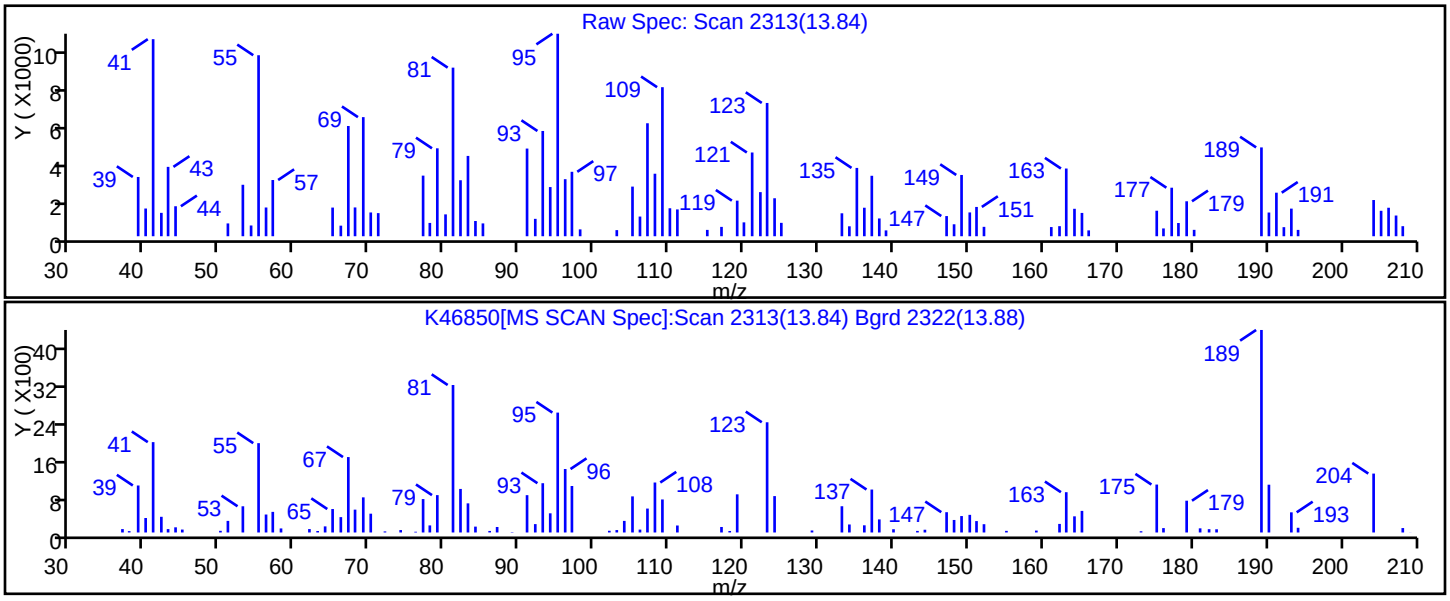
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



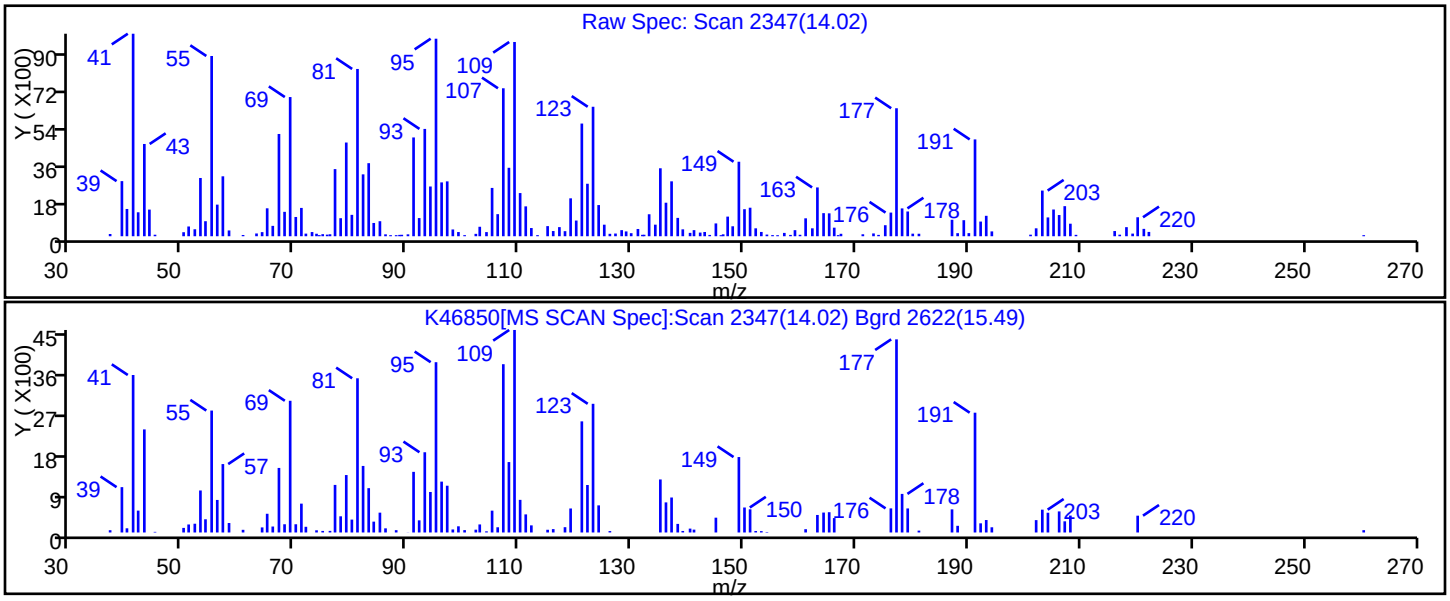
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



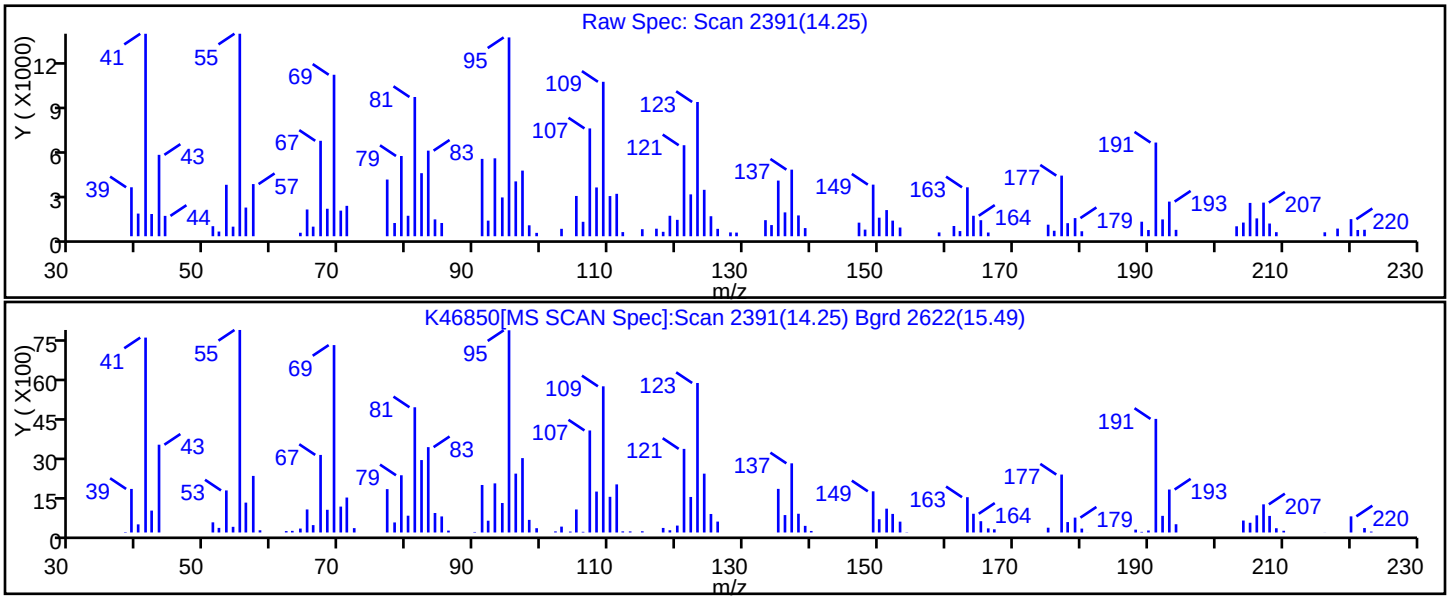
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



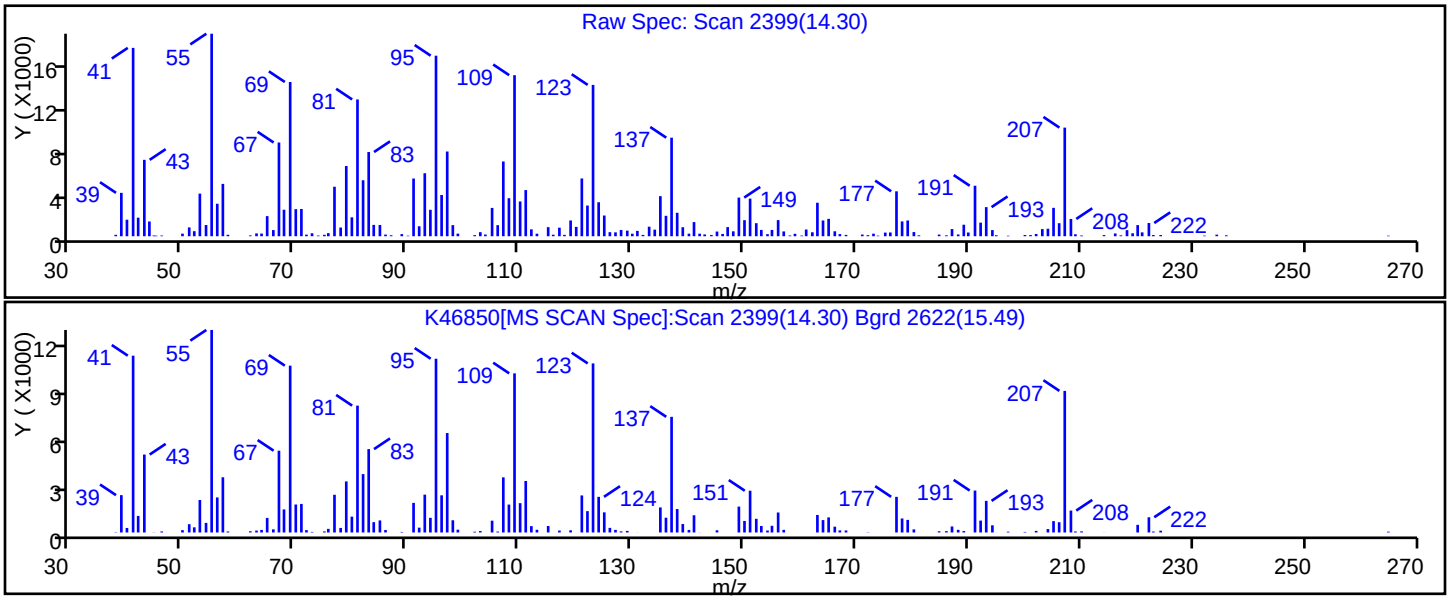
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



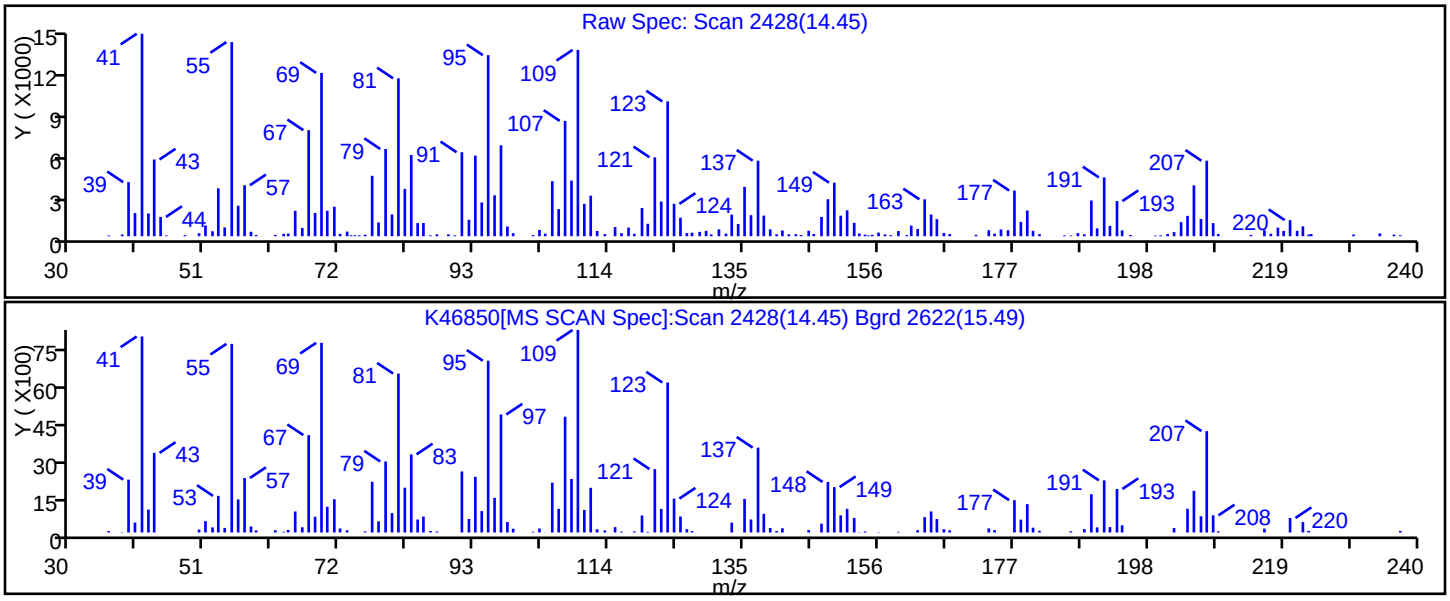
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



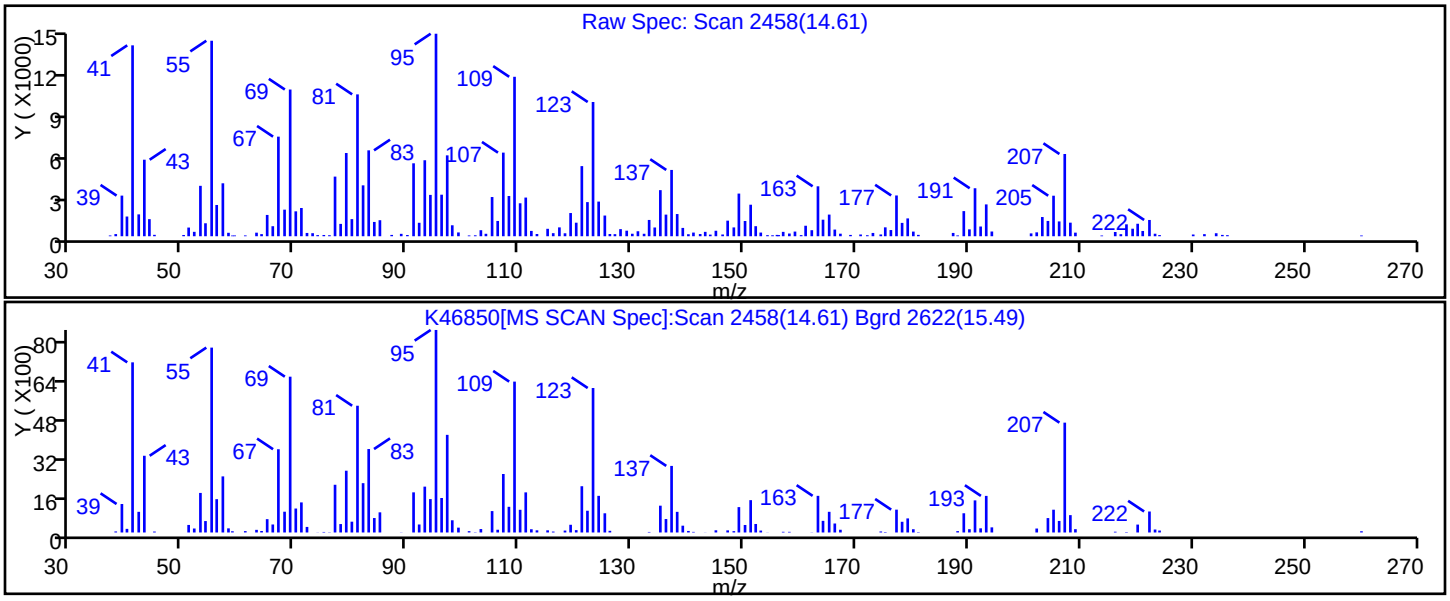
Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D

Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29
Client ID:	PRA-25 E-1.75		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

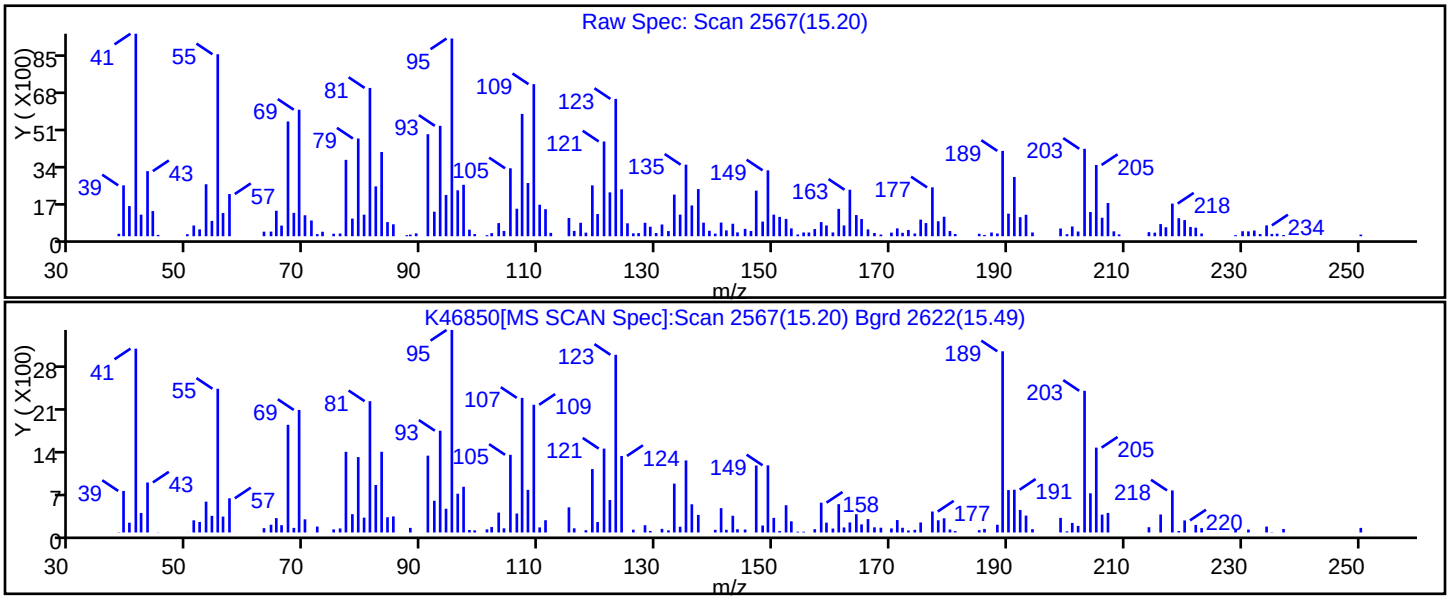


Report Date: 11-Nov-2015 09:09:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46850.D				
Injection Date:	09-Nov-2015 19:45:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: K46913.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:50

Sample wt/vol: 5.784(g) | Date Analyzed: 11/11/2015 00:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.36	U	0.96	0.36
74-83-9	Bromomethane	0.31	U	0.96	0.31
75-01-4	Vinyl chloride	0.37	U	0.96	0.37
75-00-3	Chloroethane	0.33	U	0.96	0.33
75-09-2	Methylene Chloride	0.31	U	0.96	0.31
67-64-1	Acetone	1.0	U	4.8	1.0
75-15-0	Carbon disulfide	0.41	U	0.96	0.41
75-69-4	Trichlorofluoromethane	0.32	U	0.96	0.32
75-35-4	1,1-Dichloroethene	0.39	U	0.96	0.39
75-34-3	1,1-Dichloroethane	0.32	U	0.96	0.32
156-60-5	trans-1,2-Dichloroethene	0.37	U	0.96	0.37
156-59-2	cis-1,2-Dichloroethene	0.21	U	0.96	0.21
67-66-3	Chloroform	0.20	U	0.96	0.20
78-93-3	2-Butanone	0.74	U	4.8	0.74
107-06-2	1,2-Dichloroethane	0.11	U	0.96	0.11
71-55-6	1,1,1-Trichloroethane	0.36	U	0.96	0.36
56-23-5	Carbon tetrachloride	0.41	U	0.96	0.41
71-43-2	Benzene	0.19	U	0.96	0.19
75-25-2	Bromoform	0.12	U	0.96	0.12
100-42-5	Styrene	0.14	U	0.96	0.14
100-41-4	Ethylbenzene	0.17	U	0.96	0.17
108-90-7	Chlorobenzene	0.13	U	0.96	0.13
110-82-7	Cyclohexane	0.44	U	0.96	0.44
98-82-8	Isopropylbenzene	0.16	U	0.96	0.16
591-78-6	2-Hexanone	0.90	U	4.8	0.90
1634-04-4	MTBE	0.16	U	0.96	0.16
76-13-1	Freon TF	0.42	U	0.96	0.42
79-20-9	Methyl acetate	0.86	U	4.8	0.86
123-91-1	1,4-Dioxane	6.1	U	19	6.1
79-01-6	Trichloroethene	0.88	J	0.96	0.25
108-88-3	Toluene	0.18	U	0.96	0.18
10061-02-6	trans-1,3-Dichloropropene	0.096	U	0.96	0.096
108-10-1	4-Methyl-2-pentanone	2.1	U	4.8	2.1
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.96	0.14
95-50-1	1,2-Dichlorobenzene	0.13	U	0.96	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.96	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: K46913.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:50

Sample wt/vol: 5.784(g) | Date Analyzed: 11/11/2015 00:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.96	0.12
120-82-1	1,2,4-Trichlorobenzene	0.41	J	0.96	0.31
87-61-6	1,2,3-Trichlorobenzene	0.11	U	0.96	0.11
78-87-5	1,2-Dichloropropane	0.16	U	0.96	0.16
108-87-2	Methylcyclohexane	0.48	U	0.96	0.48
127-18-4	Tetrachloroethene	0.27	U	0.96	0.27
1330-20-7	Xylenes, Total	0.11	U	1.9	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	0.96	0.45
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.96	0.16
79-00-5	1,1,2-Trichloroethane	0.27	U	0.96	0.27
124-48-1	Dibromochloromethane	0.14	U	0.96	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.96	0.11
75-71-8	Dichlorodifluoromethane	0.31	U	0.96	0.31
74-97-5	Bromochloromethane	0.16	U	0.96	0.16
75-27-4	Bromodichloromethane	0.36	U	0.96	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		78-135
2037-26-5	Toluene-d8 (Surr)	99		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	109		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: K46913.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:50

Sample wt/vol: 5.784(g) | Date Analyzed: 11/11/2015 00:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 89.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
634-90-2	Benzene, 1,2,3,5-tetrachloro-	13.46	6.4	J N
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.59	21	J N
	Unknown	13.75	8.8	J
	Unknown	13.84	5.6	J
	Unknown	14.23	5.2	J
	Unknown	14.30	15	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	14.46	17	J N
	Unknown	14.53	5.6	J
	Unknown	15.04	4.8	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D
Lims ID: 460-104096-C-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 00:37:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-C-30-A
Misc. Info.: 460-0034066-007
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:05:52 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 12:05:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.292	3.292	0.000	100	330381	1000.0	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	100	278152	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	145697	54.4	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.224	-0.001	96	147981	51.3	
* 61 Fluorobenzene	96	5.496	5.496	0.000	99	443913	50.0	
64 Trichloroethene	95	5.860	5.855	0.005	96	2838	0.9180	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	98	21407	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.182	0.005	99	438544	49.4	
* 91 Chlorobenzene-d5	117	8.990	8.984	0.006	88	300133	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.193	0.006	90	148917	51.1	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	96	162596	50.0	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	91	2384	0.4277	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D
Lims ID: 460-104096-C-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 00:37:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-C-30-A
Misc. Info.: 460-0034066-007
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:05:52 Calib Date: 06-Nov-2015 08:33:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 12:05:52

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
634-90-2	Benzene, 1,2,3,5-tetrachloro-							
13.457	122283	6.66	91	99	65858	C6H2Cl4	214	
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
13.585	411385	22.4	91	96	61716	C15H28	208	
	Unknown							
13.745	169663	9.25	91					
	Unknown							
13.842	108373	5.91	91					
	Unknown							
14.232	99006	5.40	91					
	Unknown							
14.296	295140	16.1	91					
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln							
14.462	330926	18.0	91	95	71138	C16H30	222	
	Unknown							
14.532	107783	5.87	91					
	Unknown							
15.035	92873	5.06	91					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.990	917559	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

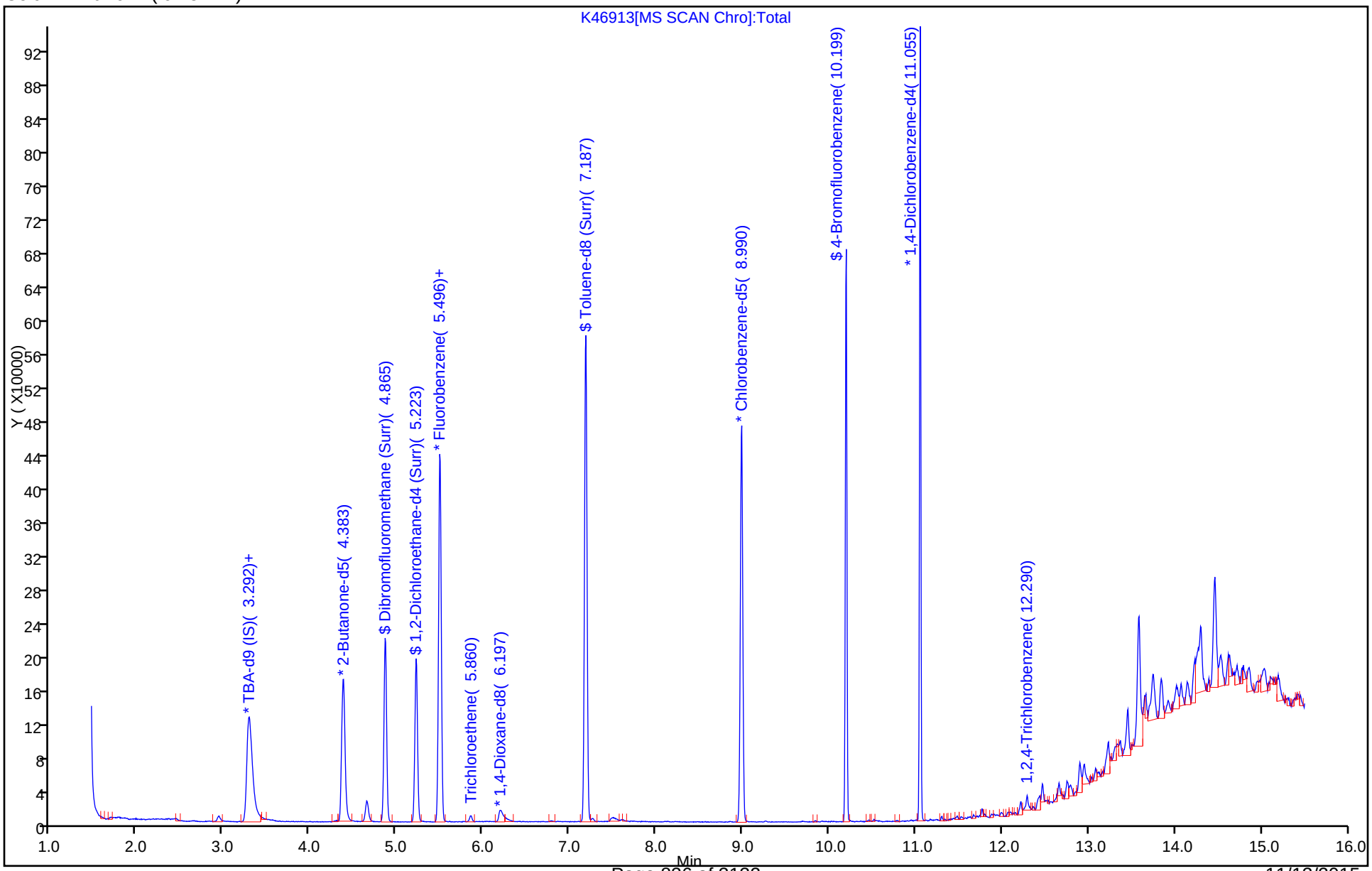
Report Date: 11-Nov-2015 12:05:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30	Worklist Smp#:	7
Client ID:	PRA-25 E-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

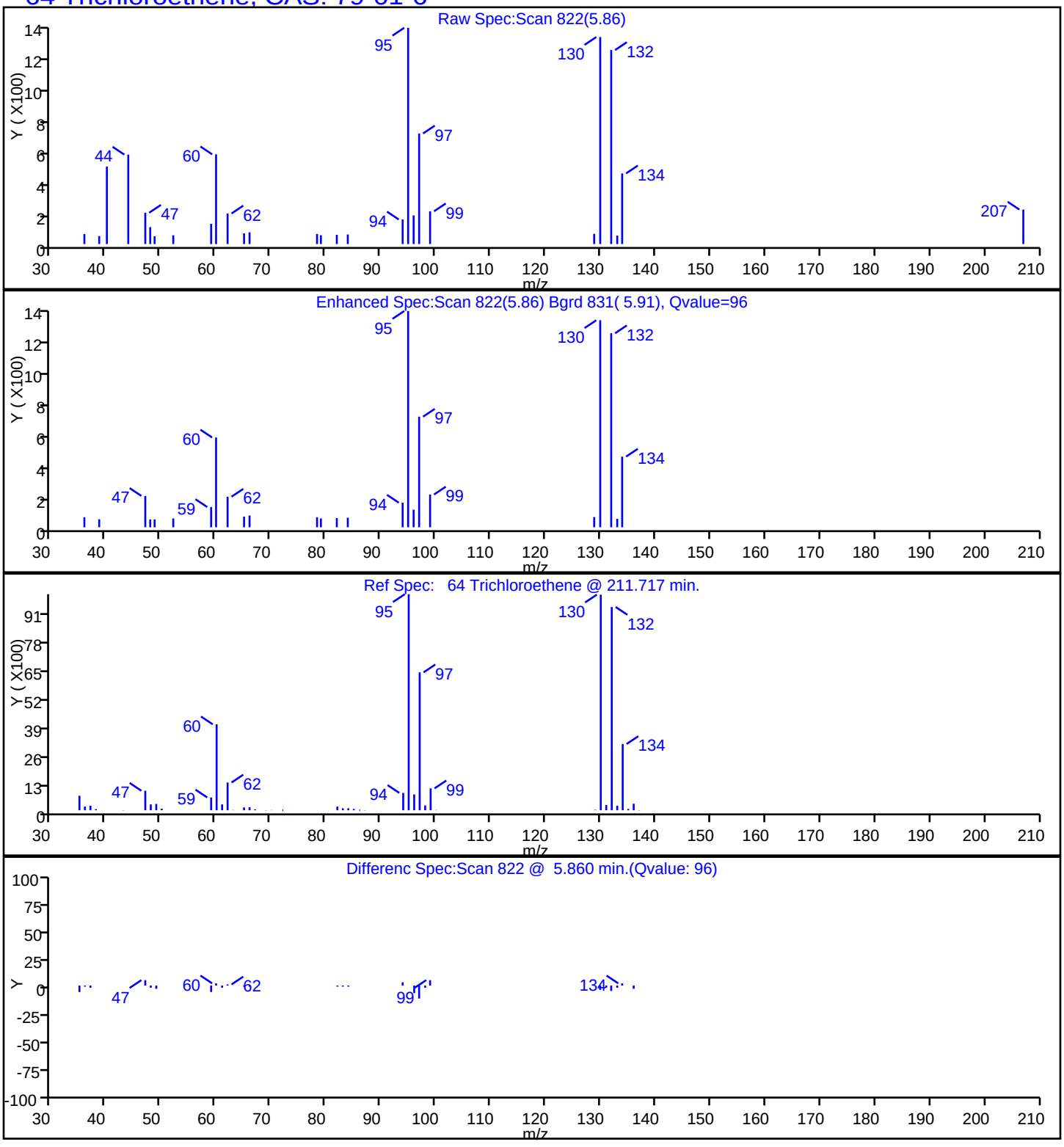
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D		
Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

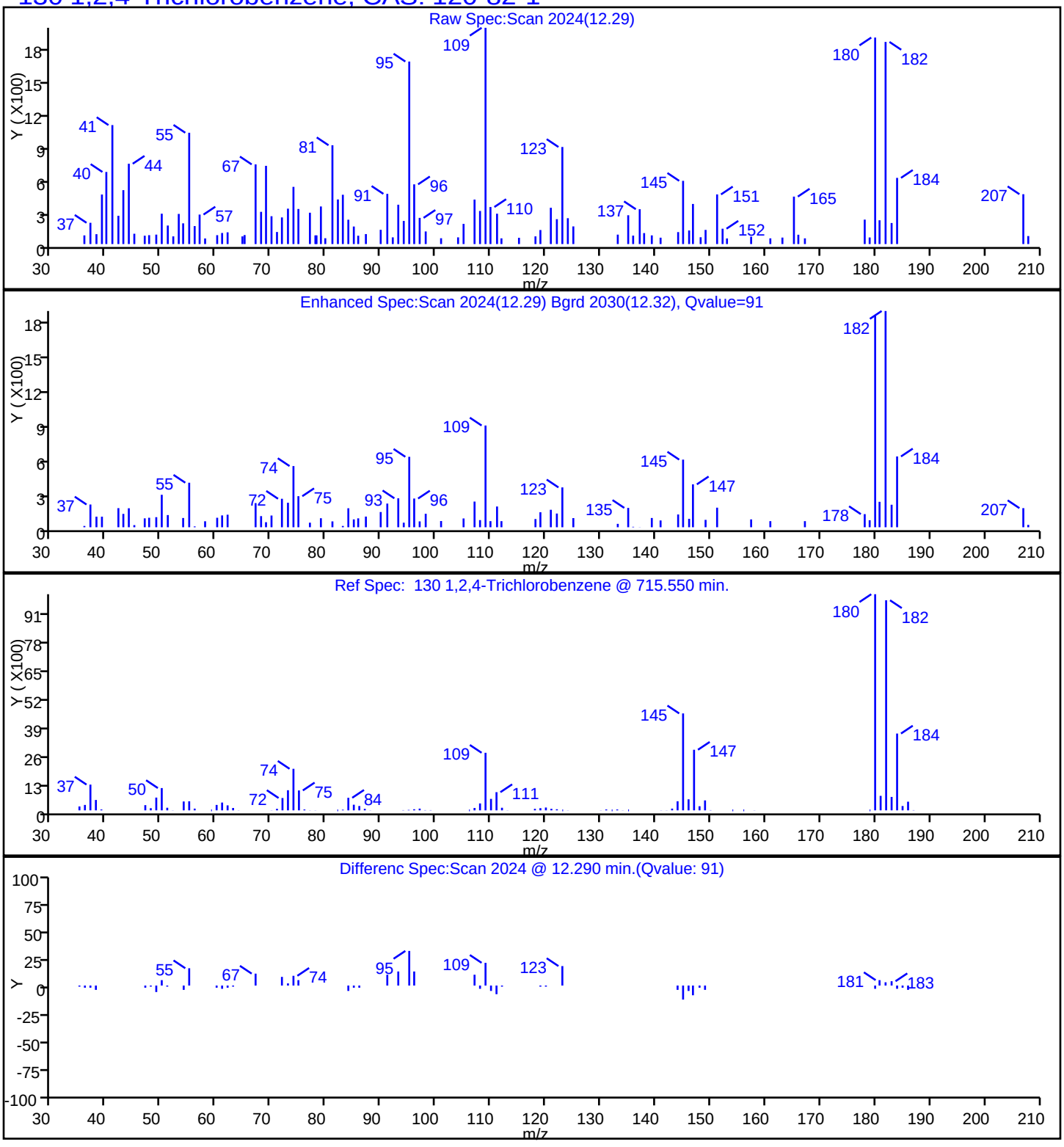
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D		
Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

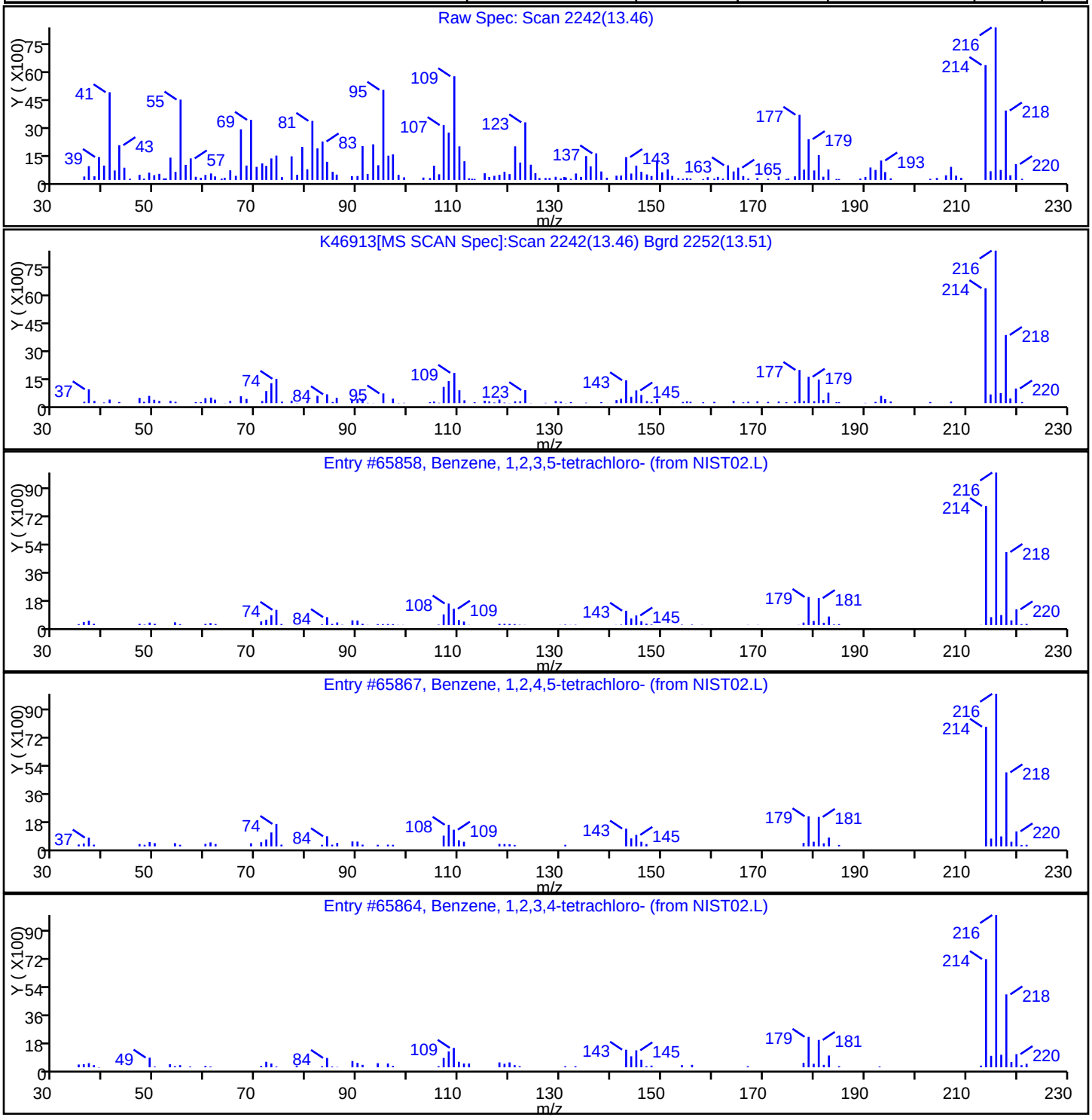
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D
Injection Date: 11-Nov-2015 00:37:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-C-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.L	65858	C6H2Cl4	214	99
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.L	65867	C6H2Cl4	214	98
Benzene, 1,2,3,4-tetrachloro-	634-66-2	NIST02.L	65864	C6H2Cl4	214	98



Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date: 11-Nov-2015 00:37:30 Instrument ID: CVOAMS9

Lims ID: 460-104096-C-30-A Lab Sample ID: 460-104096-30

Client ID: PRA-25 E-3.75

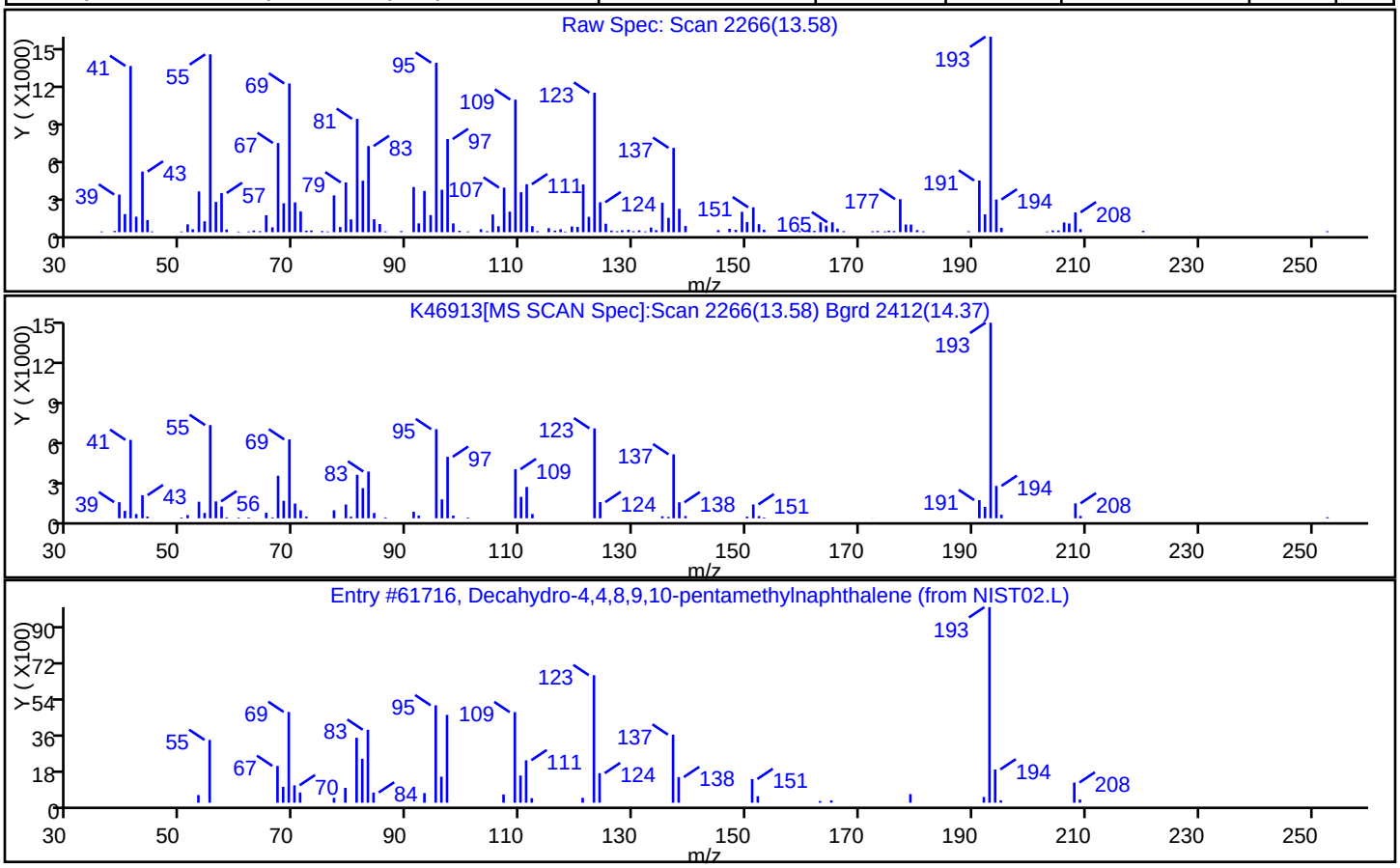
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	96



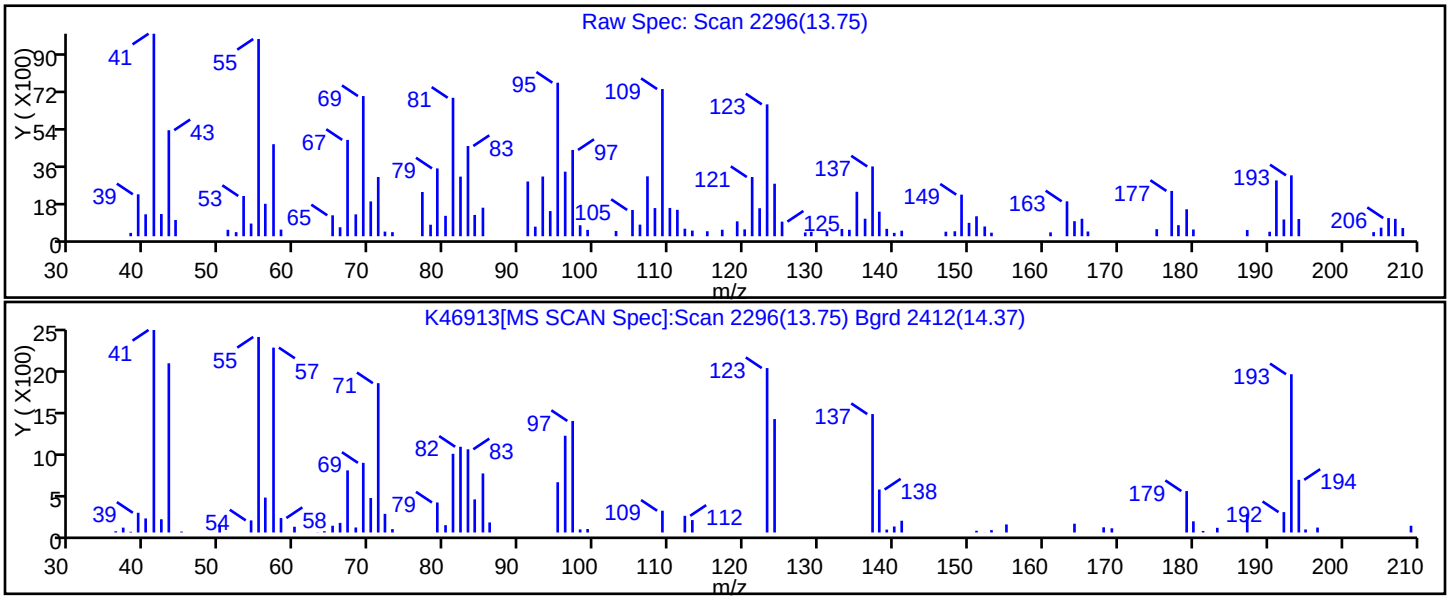
Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



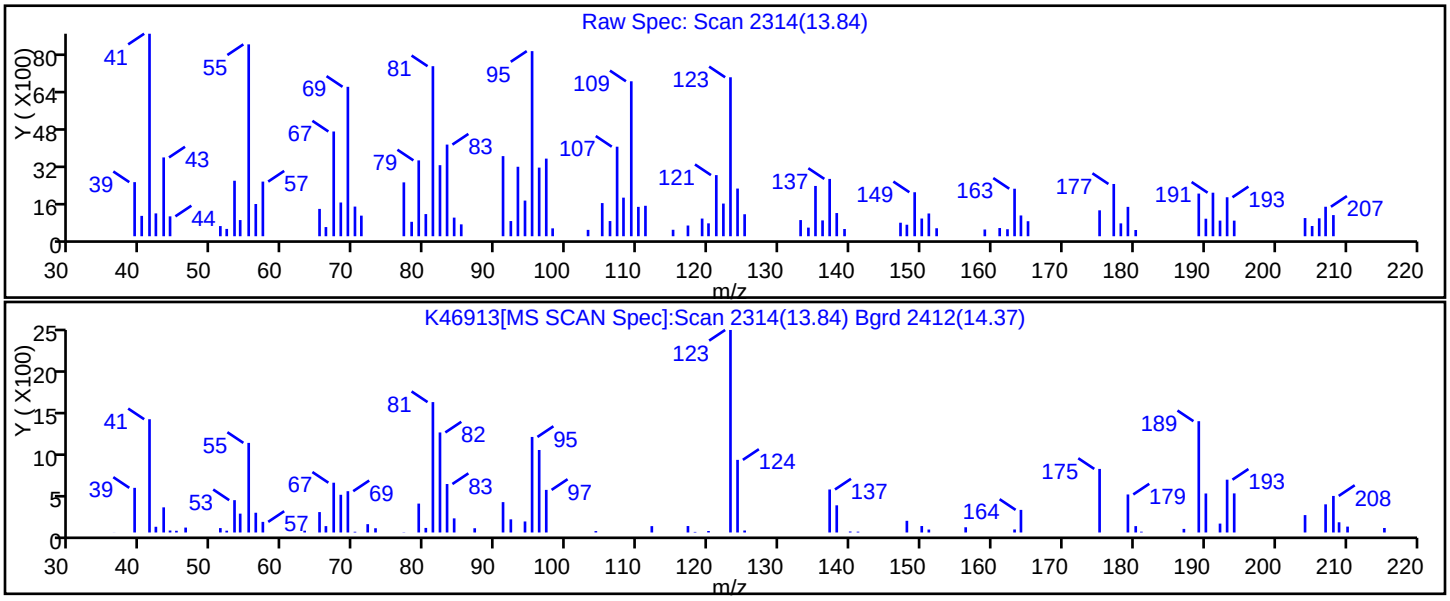
Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

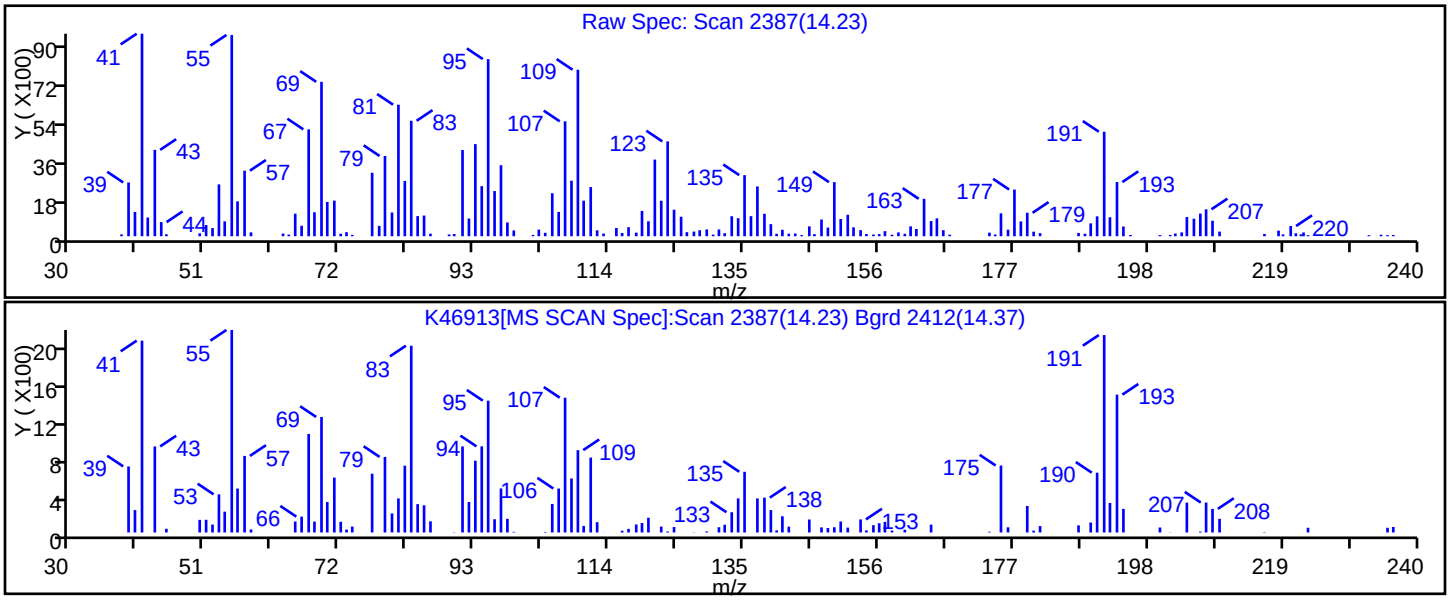


Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D		
Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

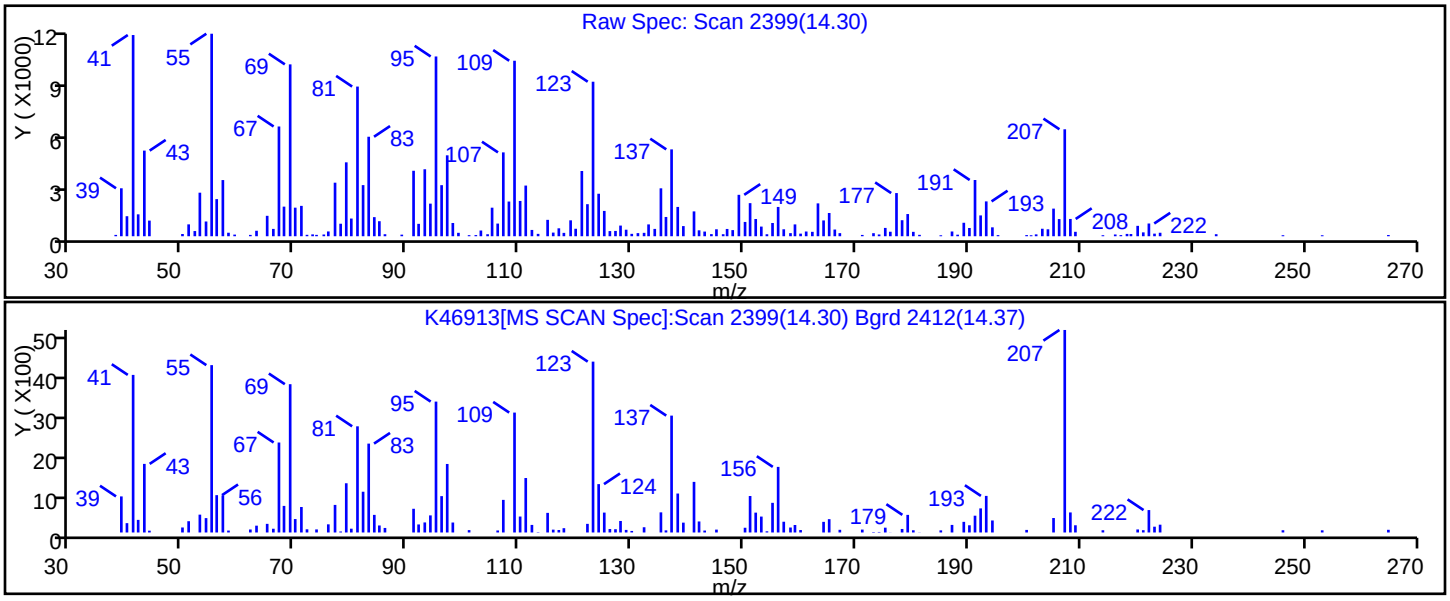


Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D				
Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date: 11-Nov-2015 00:37:30 Instrument ID: CVOAMS9

Lims ID: 460-104096-C-30-A Lab Sample ID: 460-104096-30

Client ID: PRA-25 E-3.75

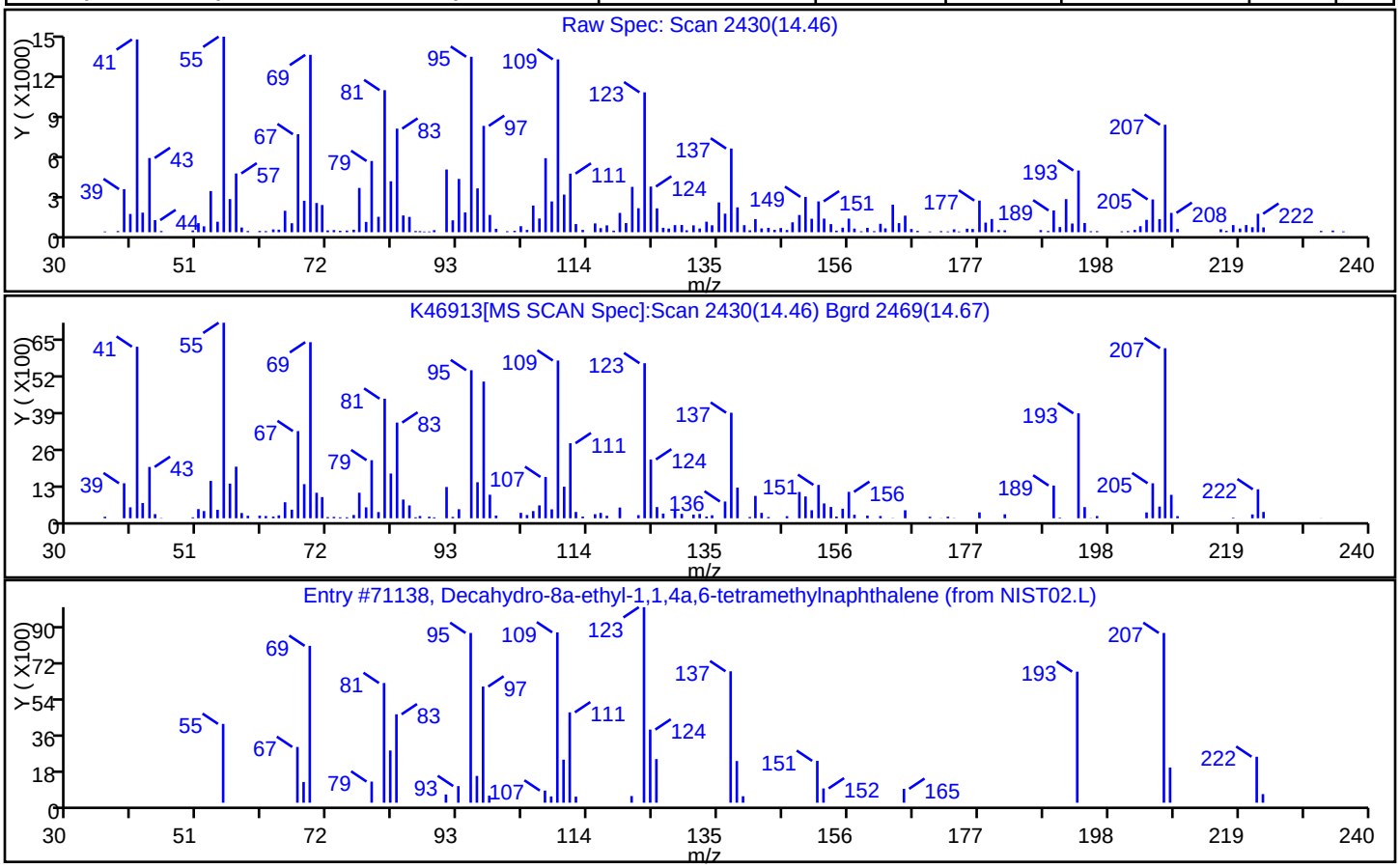
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23-6	NIST02.L	71138	C16H30	222	95



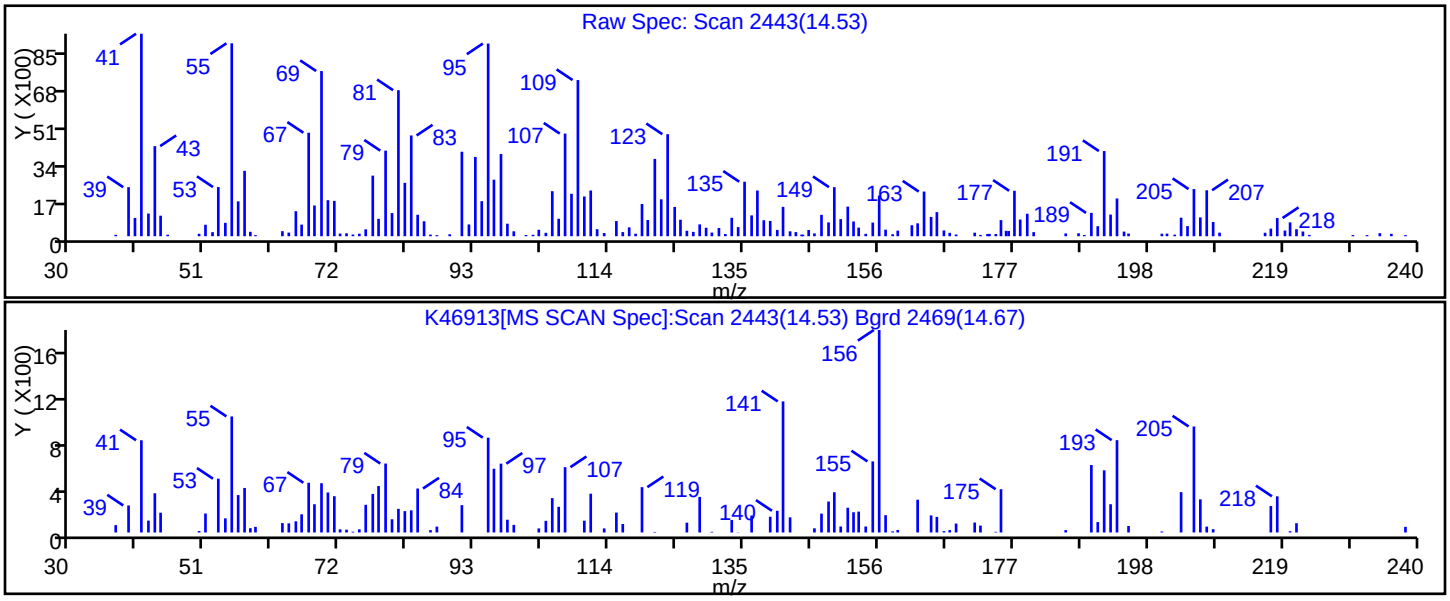
Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



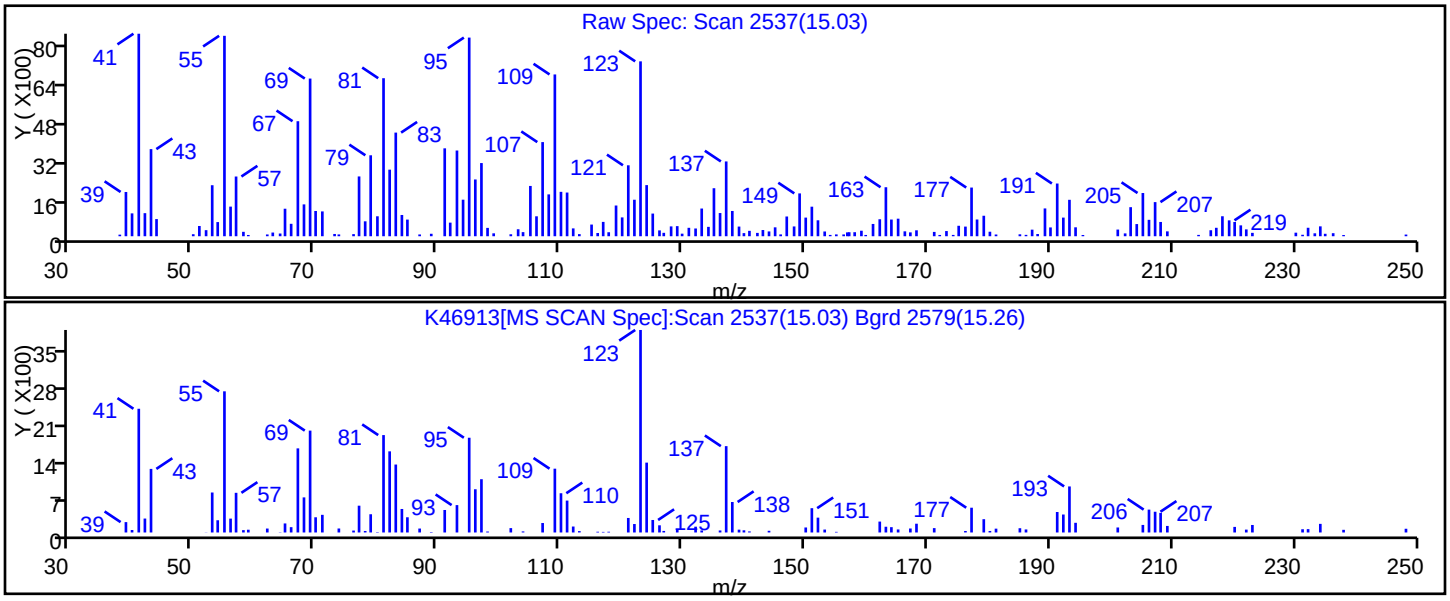
Report Date: 11-Nov-2015 12:05:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46913.D

Injection Date:	11-Nov-2015 00:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-30-A	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:		ALS Bottle#:	6 Worklist Smp#: 7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: K46851.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:35

Sample wt/vol: 5.708(g) | Date Analyzed: 11/09/2015 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.36	U	0.94	0.36
74-83-9	Bromomethane	0.30	U	0.94	0.30
75-01-4	Vinyl chloride	0.36	U	0.94	0.36
75-00-3	Chloroethane	0.33	U	0.94	0.33
75-09-2	Methylene Chloride	0.30	U	0.94	0.30
67-64-1	Acetone	0.99	U	4.7	0.99
75-15-0	Carbon disulfide	0.40	U	0.94	0.40
75-69-4	Trichlorofluoromethane	0.32	U	0.94	0.32
75-35-4	1,1-Dichloroethene	0.38	U	0.94	0.38
75-34-3	1,1-Dichloroethane	0.32	U	0.94	0.32
156-60-5	trans-1,2-Dichloroethene	0.36	U	0.94	0.36
156-59-2	cis-1,2-Dichloroethene	0.21	U	0.94	0.21
67-66-3	Chloroform	0.20	U	0.94	0.20
78-93-3	2-Butanone	0.72	U	4.7	0.72
107-06-2	1,2-Dichloroethane	0.10	U	0.94	0.10
71-55-6	1,1,1-Trichloroethane	0.36	U	0.94	0.36
56-23-5	Carbon tetrachloride	0.40	U	0.94	0.40
71-43-2	Benzene	0.19	U	0.94	0.19
75-25-2	Bromoform	0.12	U	0.94	0.12
100-42-5	Styrene	0.14	U	0.94	0.14
100-41-4	Ethylbenzene	0.17	U	0.94	0.17
108-90-7	Chlorobenzene	0.13	U	0.94	0.13
110-82-7	Cyclohexane	0.43	U	0.94	0.43
98-82-8	Isopropylbenzene	0.16	U	0.94	0.16
591-78-6	2-Hexanone	0.88	U	4.7	0.88
1634-04-4	MTBE	0.16	U	0.94	0.16
76-13-1	Freon TF	0.41	U	0.94	0.41
79-20-9	Methyl acetate	0.84	U	4.7	0.84
123-91-1	1,4-Dioxane	6.0	U *	19	6.0
79-01-6	Trichloroethene	1.0		0.94	0.24
108-88-3	Toluene	0.18	U	0.94	0.18
10061-02-6	trans-1,3-Dichloropropene	0.094	U	0.94	0.094
108-10-1	4-Methyl-2-pentanone	2.1	U	4.7	2.1
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.94	0.14
95-50-1	1,2-Dichlorobenzene	0.13	U	0.94	0.13
541-73-1	1,3-Dichlorobenzene	0.11	U	0.94	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: K46851.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:35

Sample wt/vol: 5.708(g) | Date Analyzed: 11/09/2015 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.94	0.12
120-82-1	1,2,4-Trichlorobenzene	0.30	U	0.94	0.30
87-61-6	1,2,3-Trichlorobenzene	0.10	U	0.94	0.10
78-87-5	1,2-Dichloropropane	0.16	U	0.94	0.16
108-87-2	Methylcyclohexane	0.47	U	0.94	0.47
127-18-4	Tetrachloroethene	0.26	U	0.94	0.26
1330-20-7	Xylenes, Total	0.10	U	1.9	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.44	U	0.94	0.44
79-34-5	1,1,2,2-Tetrachloroethane	0.16	U	0.94	0.16
79-00-5	1,1,2-Trichloroethane	0.26	U	0.94	0.26
124-48-1	Dibromochloromethane	0.14	U	0.94	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.94	0.11
75-71-8	Dichlorodifluoromethane	0.30	U	0.94	0.30
74-97-5	Bromochloromethane	0.16	U	0.94	0.16
75-27-4	Bromodichloromethane	0.36	U	0.94	0.36

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		78-135
2037-26-5	Toluene-d8 (Surr)	101		73-121
460-00-4	Bromofluorobenzene	107		67-126
1868-53-7	Dibromofluoromethane (Surr)	108		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 Lab Sample ID: 460-104096-31

Matrix: Solid Lab File ID: K46851.D

Analysis Method: 8260C Date Collected: 11/05/2015 15:35

Sample wt/vol: 5.708(g) Date Analyzed: 11/09/2015 20:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.4 Level: (low/med) Low

Analysis Batch No.: 334049 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46851.D
Lims ID: 460-104096-B-31-A Lab Sample ID: 460-104096-31
Client ID: PRA-25 EE-1.75
Sample Type: Client
Inject. Date: 09-Nov-2015 20:11:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-31-A
Misc. Info.: 460-0033985-023
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 03:12:10 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: boykink Date: 10-Nov-2015 03:12:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.297	3.281	0.016	100	320943	1000.0	
* 39 2-Butanone-d5	46	4.389	4.373	0.016	100	277456	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.860	0.010	0	148684	53.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.218	0.011	96	152823	51.5	
* 61 Fluorobenzene	96	5.502	5.496	0.006	98	456853	50.0	
64 Trichloroethene	95	5.860	5.855	0.005	92	3488	1.10	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	97	20573	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	99	452042	50.3	
* 91 Chlorobenzene-d5	117	8.990	8.984	0.006	88	304097	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	90	157131	53.3	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	97	172583	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

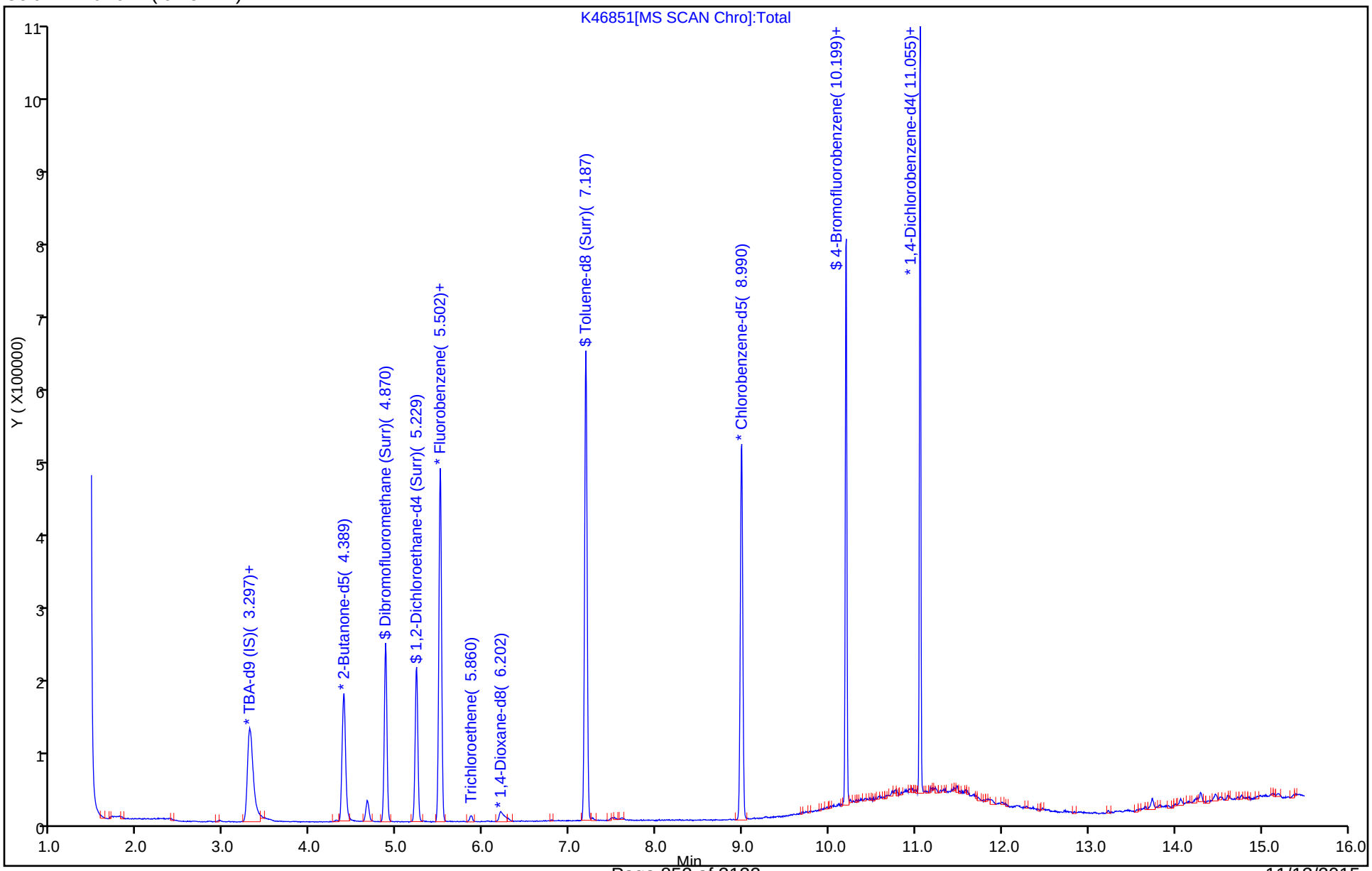
Report Date: 10-Nov-2015 03:12:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46851.D

Injection Date:	09-Nov-2015 20:11:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-31-A	Lab Sample ID:	460-104096-31	Worklist Smp#:	23
Client ID:	PRA-25 EE-1.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

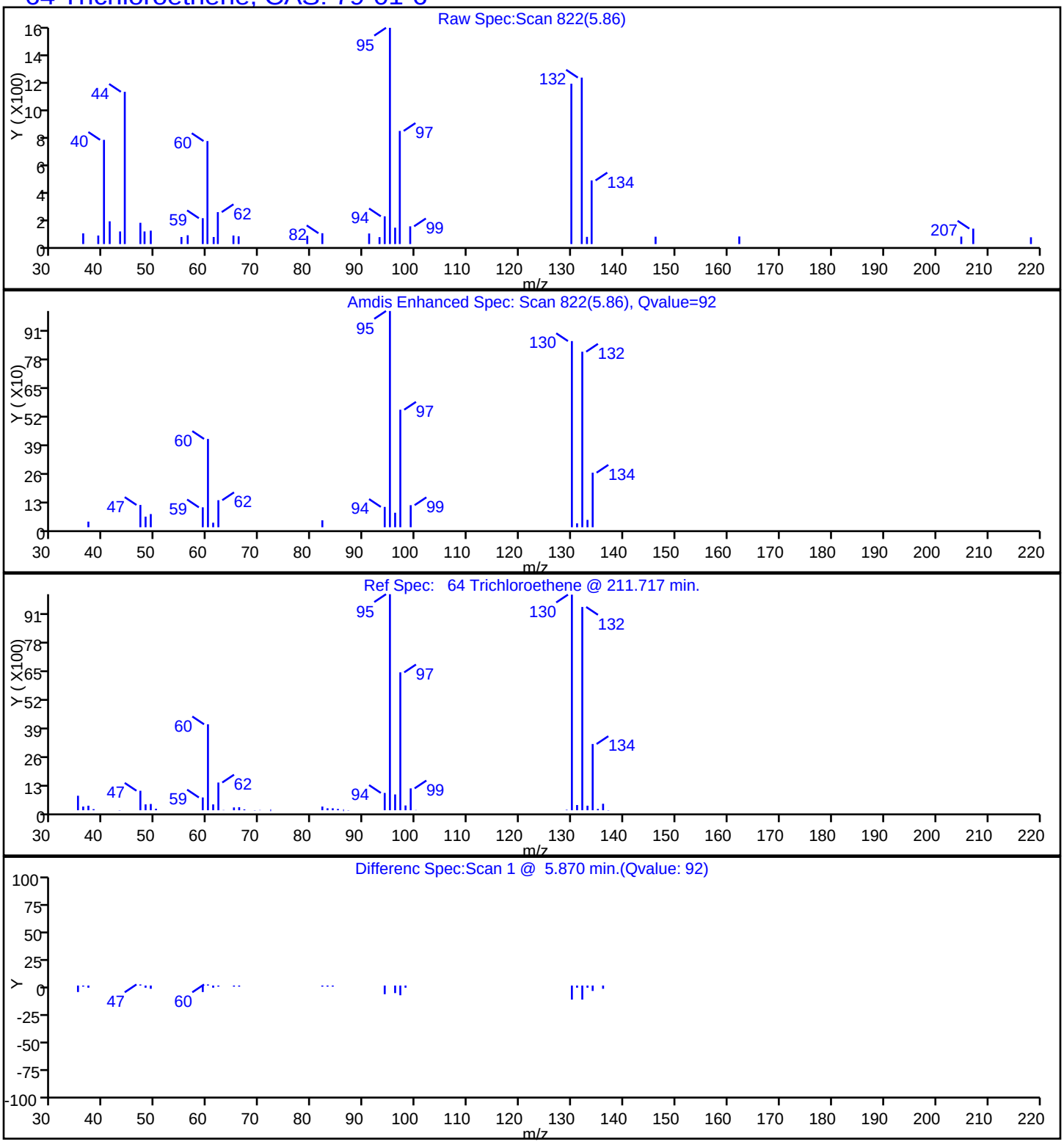
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46851.D		
Injection Date:	09-Nov-2015 20:11:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-31-A	Lab Sample ID:	460-104096-31
Client ID:	PRA-25 EE-1.75		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: K46852.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:33

Sample wt/vol: 5.981(g) | Date Analyzed: 11/09/2015 20:37

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.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.34	U	0.89	0.34
74-83-9	Bromomethane	0.28	U	0.89	0.28
75-01-4	Vinyl chloride	0.35	U	0.89	0.35
75-00-3	Chloroethane	0.31	U	0.89	0.31
75-09-2	Methylene Chloride	0.28	U	0.89	0.28
67-64-1	Acetone	0.94	U	4.4	0.94
75-15-0	Carbon disulfide	0.38	U	0.89	0.38
75-69-4	Trichlorofluoromethane	0.30	U	0.89	0.30
75-35-4	1,1-Dichloroethene	0.36	U	0.89	0.36
75-34-3	1,1-Dichloroethane	0.30	U	0.89	0.30
156-60-5	trans-1,2-Dichloroethene	0.35	U	0.89	0.35
156-59-2	cis-1,2-Dichloroethene	0.20	U	0.89	0.20
67-66-3	Chloroform	0.19	U	0.89	0.19
78-93-3	2-Butanone	0.68	U	4.4	0.68
107-06-2	1,2-Dichloroethane	0.098	U	0.89	0.098
71-55-6	1,1,1-Trichloroethane	0.34	U	0.89	0.34
56-23-5	Carbon tetrachloride	0.38	U	0.89	0.38
71-43-2	Benzene	0.18	U	0.89	0.18
75-25-2	Bromoform	0.12	U	0.89	0.12
100-42-5	Styrene	0.13	U	0.89	0.13
100-41-4	Ethylbenzene	0.16	U	0.89	0.16
108-90-7	Chlorobenzene	0.12	U	0.89	0.12
110-82-7	Cyclohexane	0.41	U	0.89	0.41
98-82-8	Isopropylbenzene	0.15	U	0.89	0.15
591-78-6	2-Hexanone	0.83	U	4.4	0.83
1634-04-4	MTBE	0.15	U	0.89	0.15
76-13-1	Freon TF	0.39	U	0.89	0.39
79-20-9	Methyl acetate	0.80	U	4.4	0.80
123-91-1	1,4-Dioxane	5.7	U *	18	5.7
79-01-6	Trichloroethene	0.99		0.89	0.23
108-88-3	Toluene	0.17	U	0.89	0.17
10061-02-6	trans-1,3-Dichloropropene	0.089	U	0.89	0.089
108-10-1	4-Methyl-2-pentanone	2.0	U	4.4	2.0
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.89	0.13
95-50-1	1,2-Dichlorobenzene	0.12	U	0.89	0.12
541-73-1	1,3-Dichlorobenzene	0.11	U	0.89	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: K46852.D

Analysis Method: 8260C | Date Collected: 11/05/2015 15:33

Sample wt/vol: 5.981(g) | Date Analyzed: 11/09/2015 20:37

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.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.12	U	0.89	0.12
120-82-1	1,2,4-Trichlorobenzene	0.28	U	0.89	0.28
87-61-6	1,2,3-Trichlorobenzene	0.098	U	0.89	0.098
78-87-5	1,2-Dichloropropane	0.15	U	0.89	0.15
108-87-2	Methylcyclohexane	0.44	U	0.89	0.44
127-18-4	Tetrachloroethene	0.25	U	0.89	0.25
1330-20-7	Xylenes, Total	0.098	U	1.8	0.098
96-12-8	1,2-Dibromo-3-Chloropropane	0.42	U	0.89	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	0.89	0.15
79-00-5	1,1,2-Trichloroethane	0.25	U	0.89	0.25
124-48-1	Dibromochloromethane	0.13	U	0.89	0.13
106-93-4	1,2-Dibromoethane	0.11	U	0.89	0.11
75-71-8	Dichlorodifluoromethane	0.28	U	0.89	0.28
74-97-5	Bromochloromethane	0.15	U	0.89	0.15
75-27-4	Bromodichloromethane	0.34	U	0.89	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	103		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 Lab Sample ID: 460-104096-32

Matrix: Solid Lab File ID: K46852.D

Analysis Method: 8260C Date Collected: 11/05/2015 15:33

Sample wt/vol: 5.981(g) Date Analyzed: 11/09/2015 20:37

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.: 334049 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46852.D
Lims ID: 460-104096-B-32-A Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Sample Type: Client
Inject. Date: 09-Nov-2015 20:37:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-32-A
Misc. Info.: 460-0033985-024
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 03:12:35 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: boykink Date: 10-Nov-2015 03:12:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.292	3.281	0.011	100	313971	1000.0	
* 39 2-Butanone-d5	46	4.378	4.373	0.005	100	287672	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	149708	53.0	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	96	157819	52.0	
* 61 Fluorobenzene	96	5.496	5.496	0.000	98	467420	50.0	
64 Trichloroethene	95	5.860	5.855	0.005	96	3621	1.11	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	98	20268	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.181	7.181	0.000	99	472727	49.8	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	320984	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	92	159926	51.4	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	96	171916	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

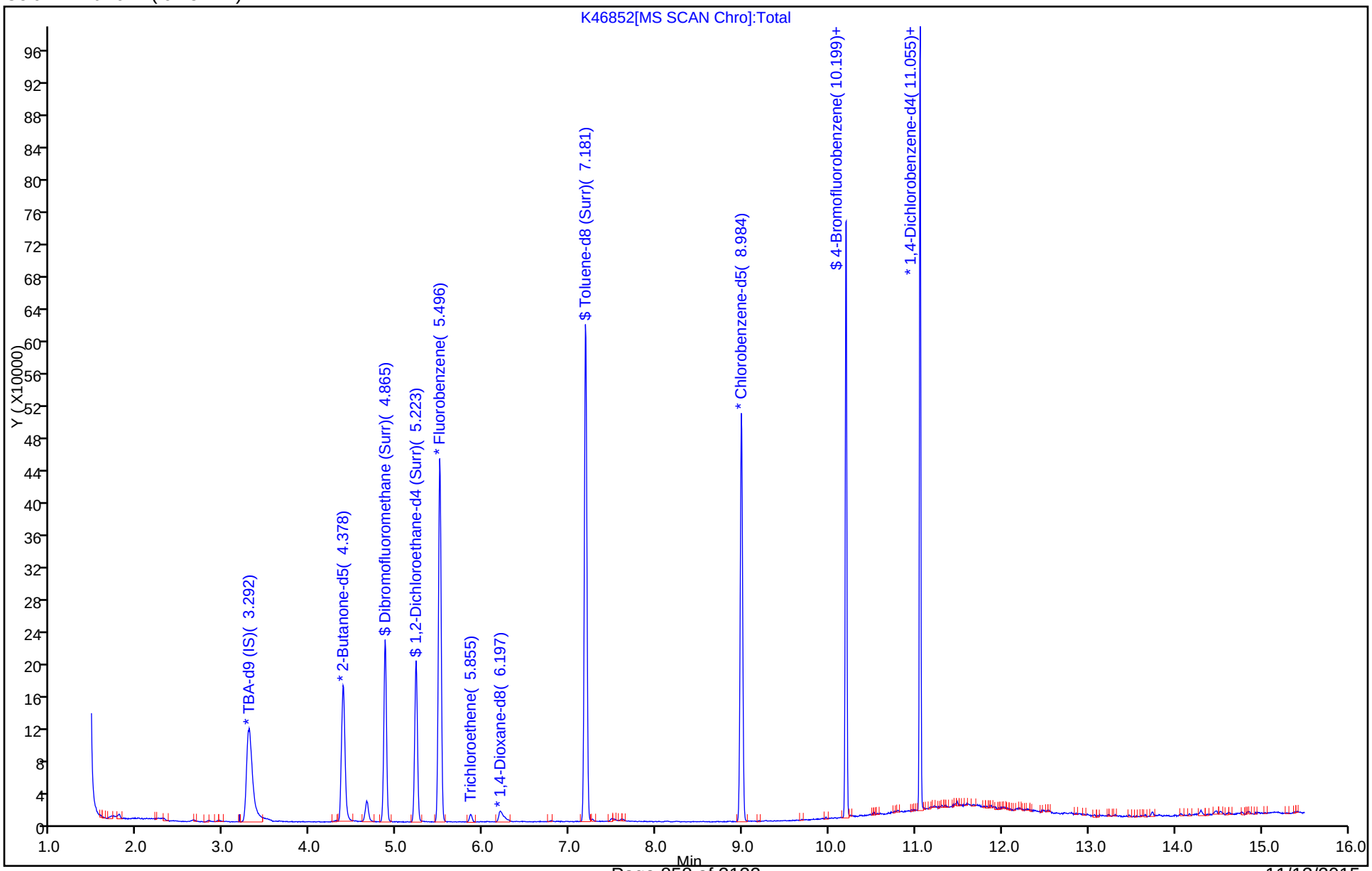
Report Date: 10-Nov-2015 03:12:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46852.D

Injection Date:	09-Nov-2015 20:37:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-32-A	Lab Sample ID:	460-104096-32	Worklist Smp#:	24
Client ID:	PRA-25 EE-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



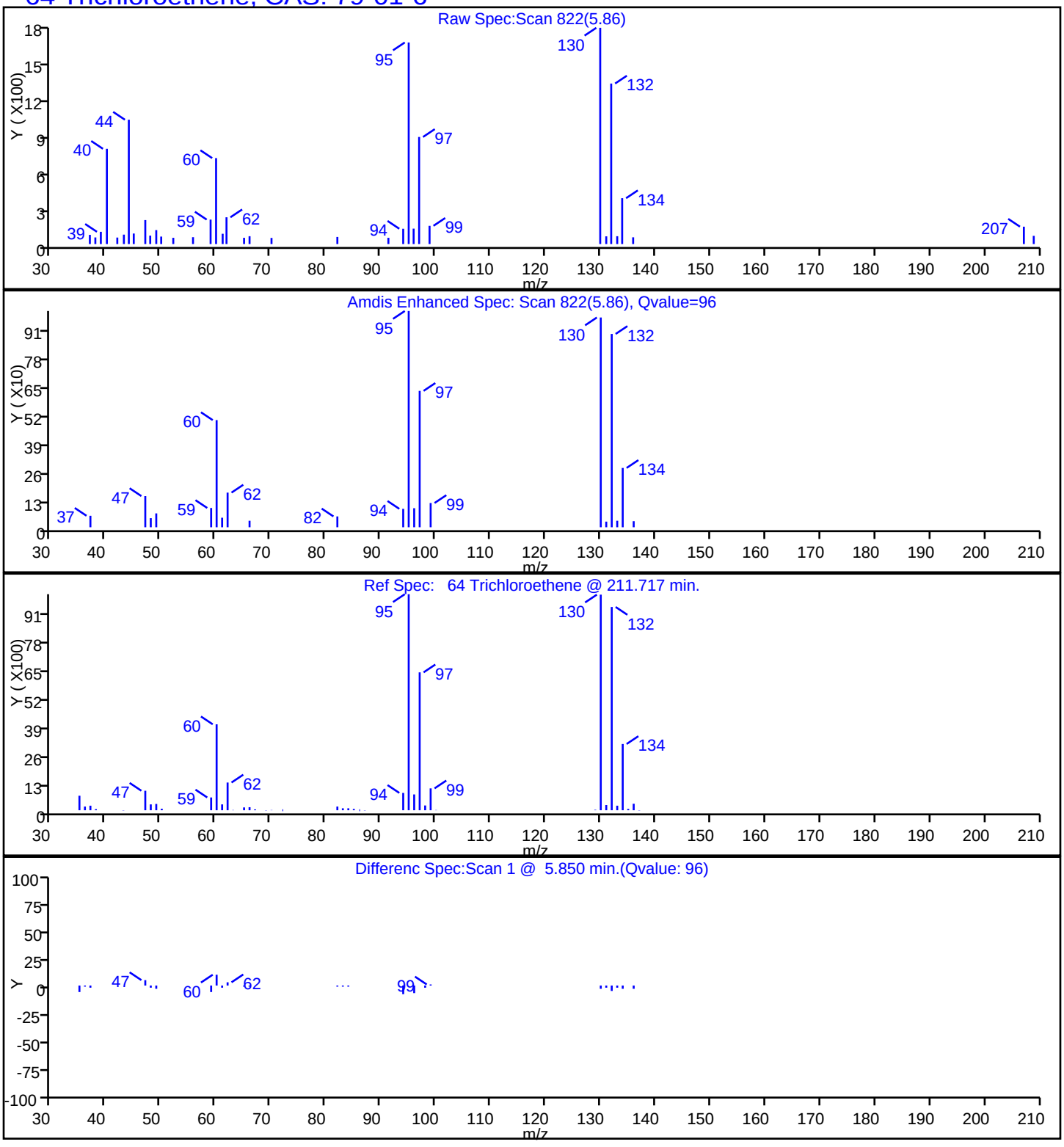
Report Date: 10-Nov-2015 03:12:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46852.D

Injection Date:	09-Nov-2015 20:37:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-32-A	Lab Sample ID:	460-104096-32
Client ID:	PRA-25 EE-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: K46853.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 4.431(g) | Date Analyzed: 11/09/2015 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.45	U	1.2	0.45
74-83-9	Bromomethane	0.38	U	1.2	0.38
75-01-4	Vinyl chloride	0.46	U	1.2	0.46
75-00-3	Chloroethane	0.41	U	1.2	0.41
75-09-2	Methylene Chloride	0.38	U	1.2	0.38
67-64-1	Acetone	60		5.9	1.3
75-15-0	Carbon disulfide	0.51	U	1.2	0.51
75-69-4	Trichlorofluoromethane	0.40	U	1.2	0.40
75-35-4	1,1-Dichloroethene	0.48	U	1.2	0.48
75-34-3	1,1-Dichloroethane	0.40	U	1.2	0.40
156-60-5	trans-1,2-Dichloroethene	0.46	U	1.2	0.46
156-59-2	cis-1,2-Dichloroethene	0.99	J	1.2	0.26
67-66-3	Chloroform	0.25	U	1.2	0.25
78-93-3	2-Butanone	0.91	U	5.9	0.91
107-06-2	1,2-Dichloroethane	0.13	U	1.2	0.13
71-55-6	1,1,1-Trichloroethane	0.45	U	1.2	0.45
56-23-5	Carbon tetrachloride	0.51	U	1.2	0.51
71-43-2	Benzene	0.24	U	1.2	0.24
75-25-2	Bromoform	0.15	U	1.2	0.15
100-42-5	Styrene	0.18	U	1.2	0.18
100-41-4	Ethylbenzene	0.21	U	1.2	0.21
108-90-7	Chlorobenzene	0.17	U	1.2	0.17
110-82-7	Cyclohexane	0.54	U	1.2	0.54
98-82-8	Isopropylbenzene	0.20	U	1.2	0.20
591-78-6	2-Hexanone	1.1	U	5.9	1.1
1634-04-4	MTBE	0.20	U	1.2	0.20
76-13-1	Freon TF	0.52	U	1.2	0.52
79-20-9	Methyl acetate	1.1	U	5.9	1.1
123-91-1	1,4-Dioxane	7.5	U *	24	7.5
79-01-6	Trichloroethene	2.8		1.2	0.31
108-88-3	Toluene	0.22	U	1.2	0.22
10061-02-6	trans-1,3-Dichloropropene	0.12	U	1.2	0.12
108-10-1	4-Methyl-2-pentanone	2.6	U	5.9	2.6
10061-01-5	cis-1,3-Dichloropropene	0.18	U	1.2	0.18
95-50-1	1,2-Dichlorobenzene	0.17	U	1.2	0.17
541-73-1	1,3-Dichlorobenzene	0.14	U	1.2	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: K46853.D

Analysis Method: 8260C | Date Collected: 11/05/2015 09:26

Sample wt/vol: 4.431(g) | Date Analyzed: 11/09/2015 21:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.15	U	1.2	0.15
120-82-1	1,2,4-Trichlorobenzene	0.38	U	1.2	0.38
87-61-6	1,2,3-Trichlorobenzene	0.13	U	1.2	0.13
78-87-5	1,2-Dichloropropane	0.20	U	1.2	0.20
108-87-2	Methylcyclohexane	0.59	U	1.2	0.59
127-18-4	Tetrachloroethene	0.33	U	1.2	0.33
1330-20-7	Xylenes, Total	0.13	U	2.4	0.13
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U	1.2	0.55
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	1.2	0.20
79-00-5	1,1,2-Trichloroethane	0.33	U	1.2	0.33
124-48-1	Dibromochloromethane	0.18	U	1.2	0.18
106-93-4	1,2-Dibromoethane	0.14	U	1.2	0.14
75-71-8	Dichlorodifluoromethane	0.38	U	1.2	0.38
74-97-5	Bromochloromethane	0.20	U	1.2	0.20
75-27-4	Bromodichloromethane	0.45	U	1.2	0.45

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	105		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 Lab Sample ID: 460-104096-33

Matrix: Solid Lab File ID: K46853.D

Analysis Method: 8260C Date Collected: 11/05/2015 09:26

Sample wt/vol: 4.431(g) Date Analyzed: 11/09/2015 21:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.3 Level: (low/med) Low

Analysis Batch No.: 334049 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46853.D
Lims ID: 460-104096-B-33-A Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 09-Nov-2015 21:03:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-33-A
Misc. Info.: 460-0033985-025
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 09:10:19 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 03:13:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.934	2.928	0.006	86	75219	50.6	
* 26 TBA-d9 (IS)	65	3.287	3.281	0.006	100	355628	1000.0	
* 39 2-Butanone-d5	46	4.378	4.373	0.005	100	302749	250.0	
41 cis-1,2-Dichloroethene	96	4.421	4.421	0.000	96	3058	0.8409	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	150335	52.6	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	96	160274	52.1	
* 61 Fluorobenzene	96	5.496	5.496	0.000	98	473544	50.0	
64 Trichloroethene	95	5.855	5.855	0.000	97	7924	2.40	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	96	26192	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	99	476984	49.8	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	323894	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	92	160250	51.0	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	97	172900	50.0	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

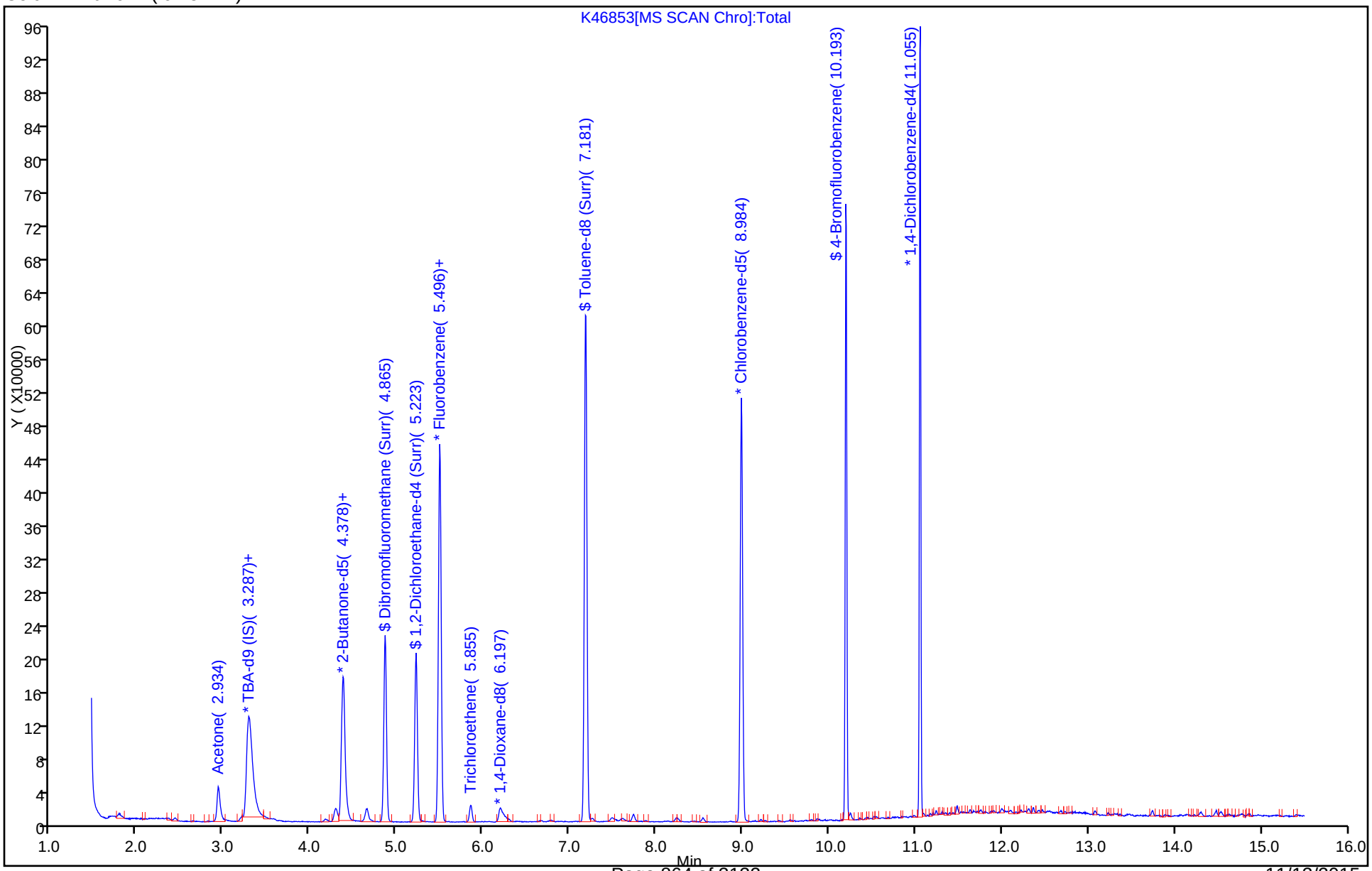
Report Date: 11-Nov-2015 09:10:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46853.D

Injection Date:	09-Nov-2015 21:03:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-33-A	Lab Sample ID:	460-104096-33	Worklist Smp#:	25
Client ID:	PRA-6 SE-1.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

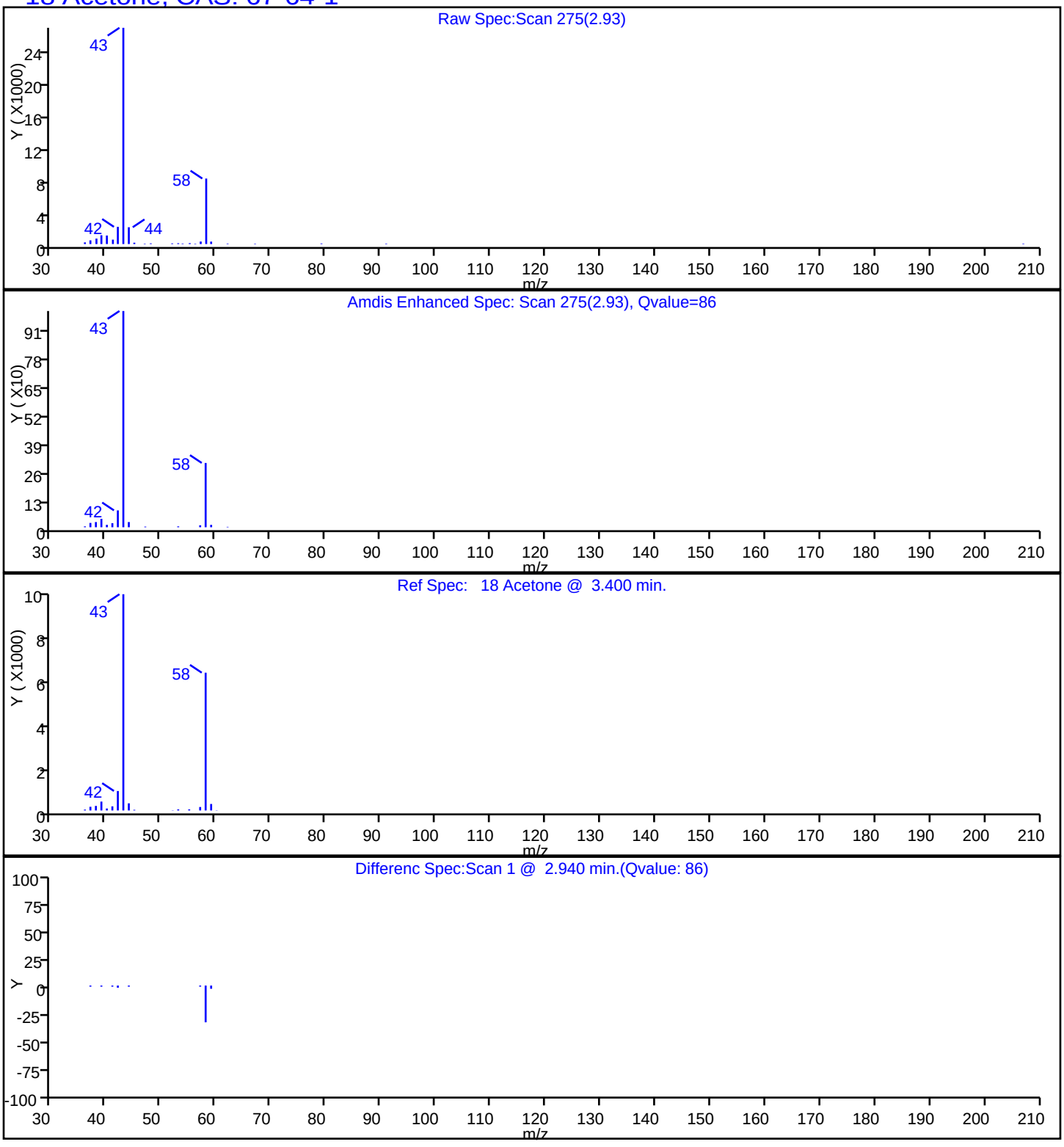
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46853.D		
Injection Date:	09-Nov-2015 21:03:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-33-A	Lab Sample ID:	460-104096-33
Client ID:	PRA-6 SE-1.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

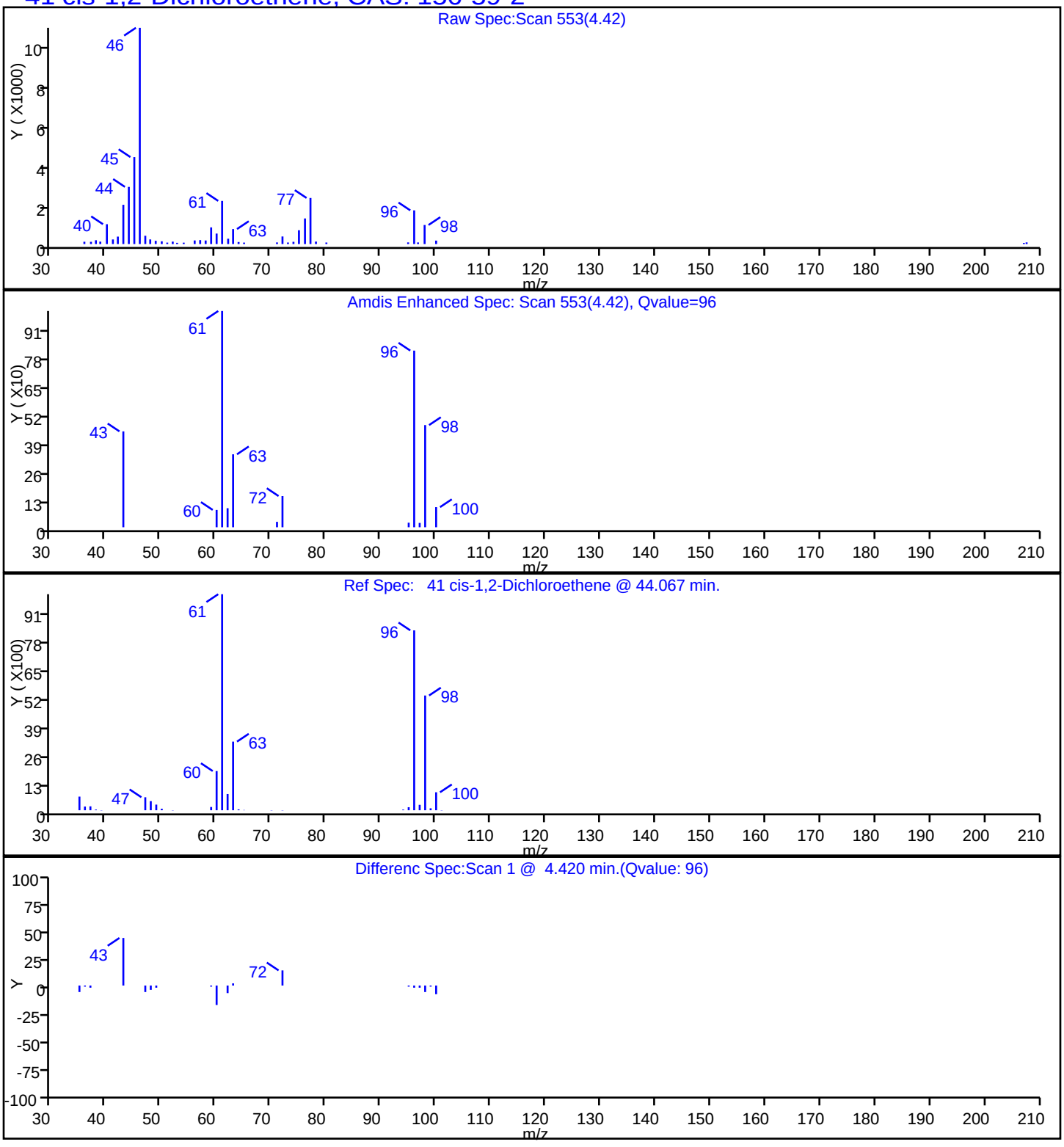
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46853.D		
Injection Date:	09-Nov-2015 21:03:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-33-A	Lab Sample ID:	460-104096-33
Client ID:	PRA-6 SE-1.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

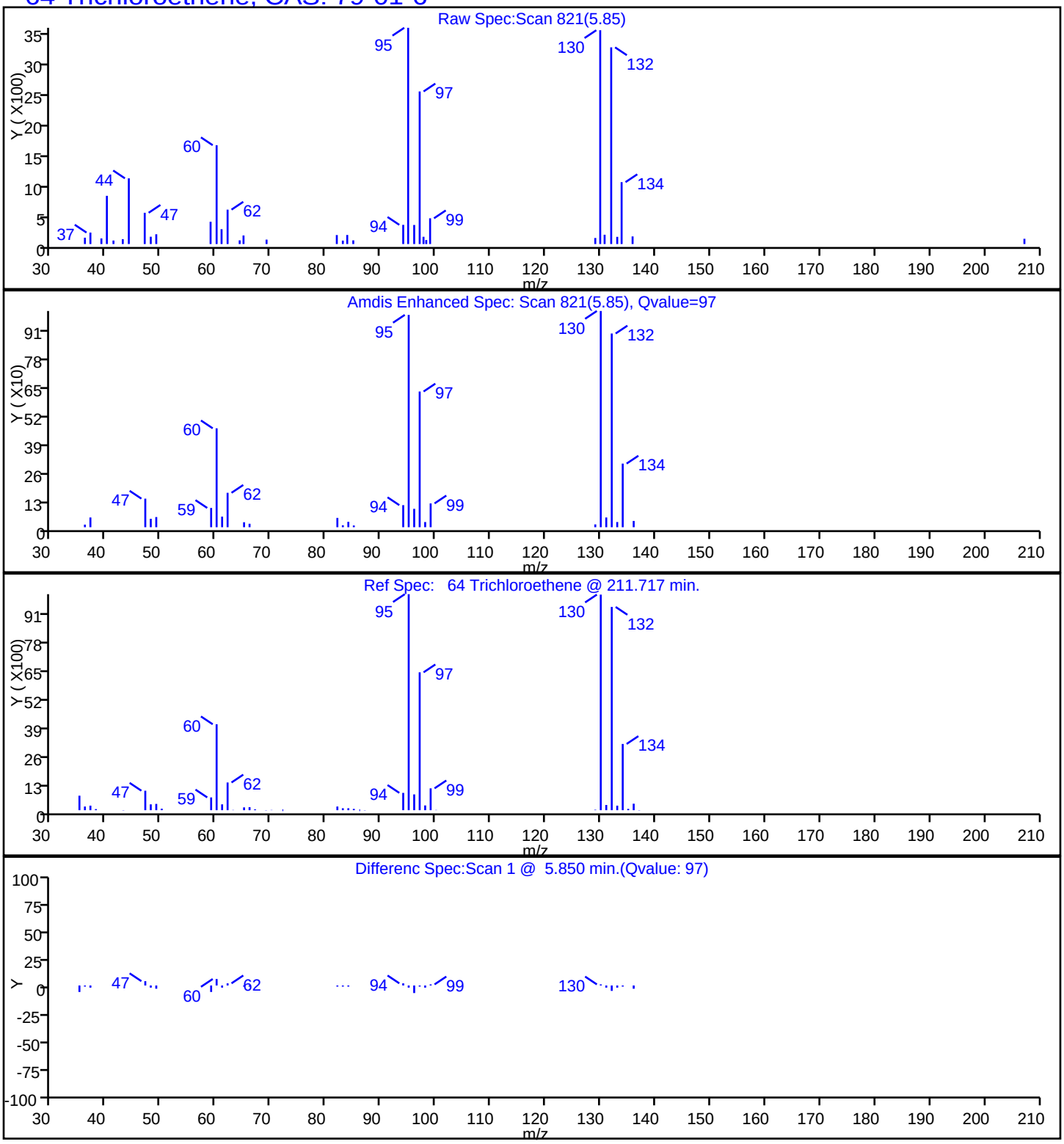
41 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46853.D		
Injection Date:	09-Nov-2015 21:03:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-33-A	Lab Sample ID:	460-104096-33
Client ID:	PRA-6 SE-1.75		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

64 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: K46854.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:28

Sample wt/vol: 6.052(g) | Date Analyzed: 11/09/2015 21:29

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.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.33	U	0.87	0.33
74-83-9	Bromomethane	0.28	U	0.87	0.28
75-01-4	Vinyl chloride	0.34	U	0.87	0.34
75-00-3	Chloroethane	0.31	U	0.87	0.31
75-09-2	Methylene Chloride	0.28	U	0.87	0.28
67-64-1	Acetone	0.93	U	4.4	0.93
75-15-0	Carbon disulfide	0.38	U	0.87	0.38
75-69-4	Trichlorofluoromethane	0.30	U	0.87	0.30
75-35-4	1,1-Dichloroethene	0.36	U	0.87	0.36
75-34-3	1,1-Dichloroethane	0.30	U	0.87	0.30
156-60-5	trans-1,2-Dichloroethene	0.34	U	0.87	0.34
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.87	0.19
67-66-3	Chloroform	0.18	U	0.87	0.18
78-93-3	2-Butanone	0.67	U	4.4	0.67
107-06-2	1,2-Dichloroethane	0.096	U	0.87	0.096
71-55-6	1,1,1-Trichloroethane	0.33	U	0.87	0.33
56-23-5	Carbon tetrachloride	0.38	U	0.87	0.38
71-43-2	Benzene	0.17	U	0.87	0.17
75-25-2	Bromoform	0.11	U	0.87	0.11
100-42-5	Styrene	0.13	U	0.87	0.13
100-41-4	Ethylbenzene	0.16	U	0.87	0.16
108-90-7	Chlorobenzene	0.12	U	0.87	0.12
110-82-7	Cyclohexane	0.40	U	0.87	0.40
98-82-8	Isopropylbenzene	0.15	U	0.87	0.15
591-78-6	2-Hexanone	0.82	U	4.4	0.82
1634-04-4	MTBE	0.15	U	0.87	0.15
76-13-1	Freon TF	0.38	U	0.87	0.38
79-20-9	Methyl acetate	0.79	U	4.4	0.79
123-91-1	1,4-Dioxane	5.6	U *	17	5.6
79-01-6	Trichloroethene	1.2		0.87	0.23
108-88-3	Toluene	0.17	U	0.87	0.17
10061-02-6	trans-1,3-Dichloropropene	0.087	U	0.87	0.087
108-10-1	4-Methyl-2-pentanone	1.9	U	4.4	1.9
10061-01-5	cis-1,3-Dichloropropene	0.13	U	0.87	0.13
95-50-1	1,2-Dichlorobenzene	0.12	U	0.87	0.12
541-73-1	1,3-Dichlorobenzene	0.10	U	0.87	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: K46854.D

Analysis Method: 8260C | Date Collected: 11/05/2015 10:28

Sample wt/vol: 6.052(g) | Date Analyzed: 11/09/2015 21:29

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.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.11	U	0.87	0.11
120-82-1	1,2,4-Trichlorobenzene	0.39	J	0.87	0.28
87-61-6	1,2,3-Trichlorobenzene	0.096	U	0.87	0.096
78-87-5	1,2-Dichloropropane	0.15	U	0.87	0.15
108-87-2	Methylcyclohexane	0.44	U	0.87	0.44
127-18-4	Tetrachloroethene	0.27	J	0.87	0.24
1330-20-7	Xylenes, Total	0.096	U	1.7	0.096
96-12-8	1,2-Dibromo-3-Chloropropane	0.41	U	0.87	0.41
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	0.87	0.15
79-00-5	1,1,2-Trichloroethane	0.24	U	0.87	0.24
124-48-1	Dibromochloromethane	0.13	U	0.87	0.13
106-93-4	1,2-Dibromoethane	0.10	U	0.87	0.10
75-71-8	Dichlorodifluoromethane	0.28	U	0.87	0.28
74-97-5	Bromochloromethane	0.15	U	0.87	0.15
75-27-4	Bromodichloromethane	0.33	U	0.87	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
2037-26-5	Toluene-d8 (Surr)	96		73-121
460-00-4	Bromofluorobenzene	98		67-126
1868-53-7	Dibromofluoromethane (Surr)	103		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 Lab Sample ID: 460-104096-34

Matrix: Solid Lab File ID: K46854.D

Analysis Method: 8260C Date Collected: 11/05/2015 10:28

Sample wt/vol: 6.052(g) Date Analyzed: 11/09/2015 21:29

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.: 334049 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 113.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
707-35-7	1,3,5-Trimethyladamantane	12.22	8.6	J N
702-79-4	Adamantane, 1,3-dimethyl-	12.42	9.7	J N
	Unknown	12.47	7.1	J
	Unknown	12.66	9.1	J
	Unknown	12.79	6.6	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	13.58	28	J N
	Unknown	13.75	9.1	J
	Unknown	14.30	10	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	14.46	19	J N
	Unknown	14.70	6.1	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D
Lims ID: 460-104096-B-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 09-Nov-2015 21:29:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-34-A
Misc. Info.: 460-0033985-026
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 09:10:53 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 03:13:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.298	3.281	0.017	100	338346	1000.0	
* 39 2-Butanone-d5	46	4.384	4.373	0.011	100	289798	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.860	0.010	0	143306	51.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.218	0.011	96	148759	49.9	
* 61 Fluorobenzene	96	5.502	5.496	0.006	98	458974	50.0	
64 Trichloroethene	95	5.860	5.855	0.005	97	4373	1.37	
* 69 1,4-Dioxane-d8	96	6.213	6.197	0.016	96	22972	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	99	438620	48.2	
85 Tetrachloroethene	166	7.882	7.877	0.005	93	939	0.3123	
* 91 Chlorobenzene-d5	117	8.990	8.984	0.006	88	307851	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	89	146990	49.2	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	96	168226	50.0	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	83	2548	0.4418	

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D
Lims ID: 460-104096-B-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 09-Nov-2015 21:29:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-34-A
Misc. Info.: 460-0033985-026
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 09:10:53 Calib Date: 06-Nov-2015 08:33:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 85

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: boykink Date: 10-Nov-2015 03:13:39

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
707-35-7	1,3,5-Trimethyladamantane							
12.216	186262	9.82	91	91	41333	C13H22	178	
702-79-4	Adamantane, 1,3-dimethyl-							
12.419	210232	11.1	91	90	31982	C12H20	164	
Unknown								
12.467	153639	8.10	91					
Unknown								
12.660	197992	10.4	91					
Unknown								
12.788	143203	7.55	91					
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal							
13.580	608141	32.0	91	99	61716	C15H28	208	
Unknown								
13.746	197408	10.4	91					
Unknown								
14.297	222237	11.7	91					
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln							
14.457	413445	21.8	91	97	71138	C16H30	222	
Unknown								
14.698	131754	6.94	91					

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.990	948853	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

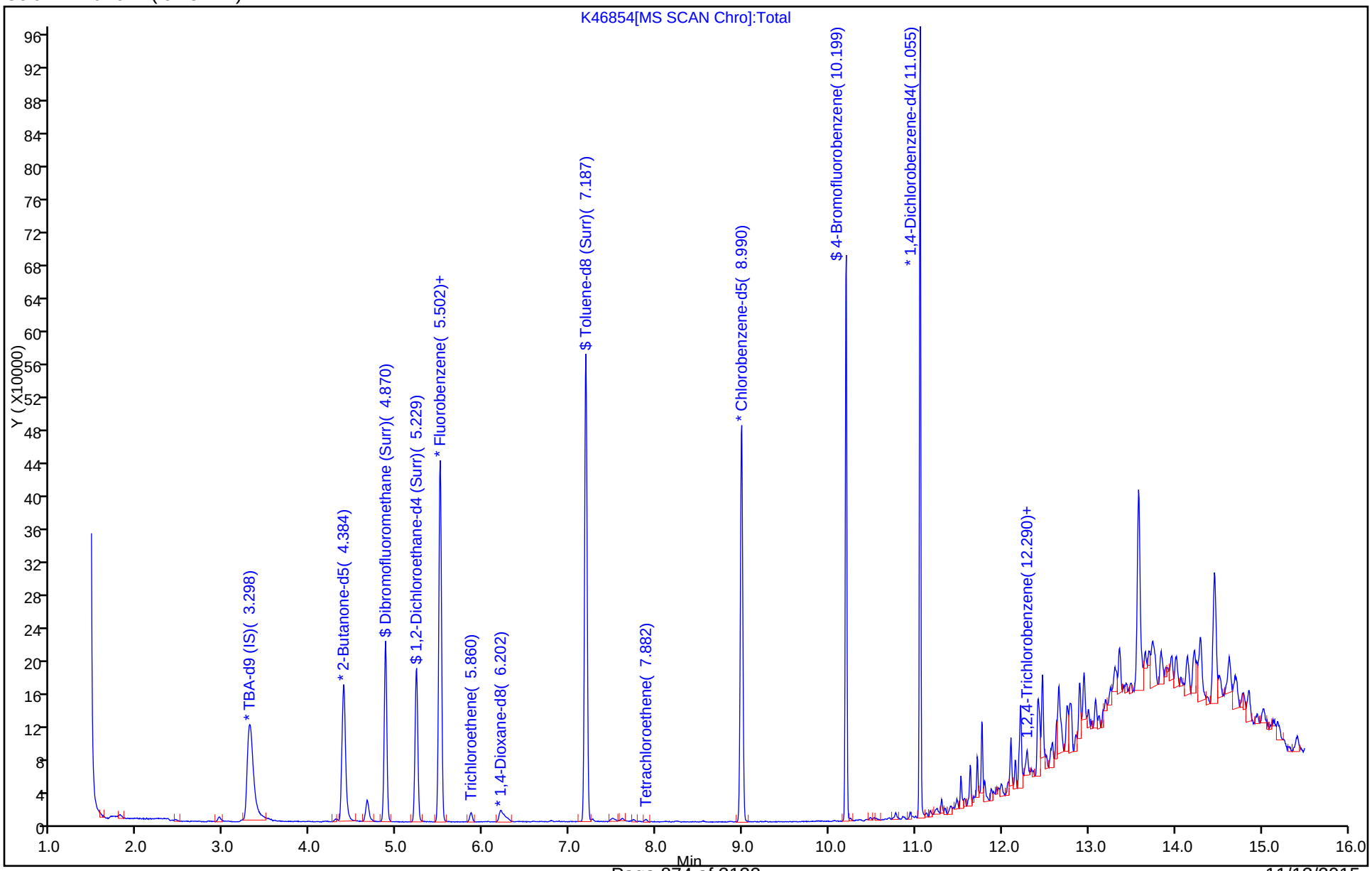
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34	Worklist Smp#:	26
Client ID:	PRA-5 SE-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

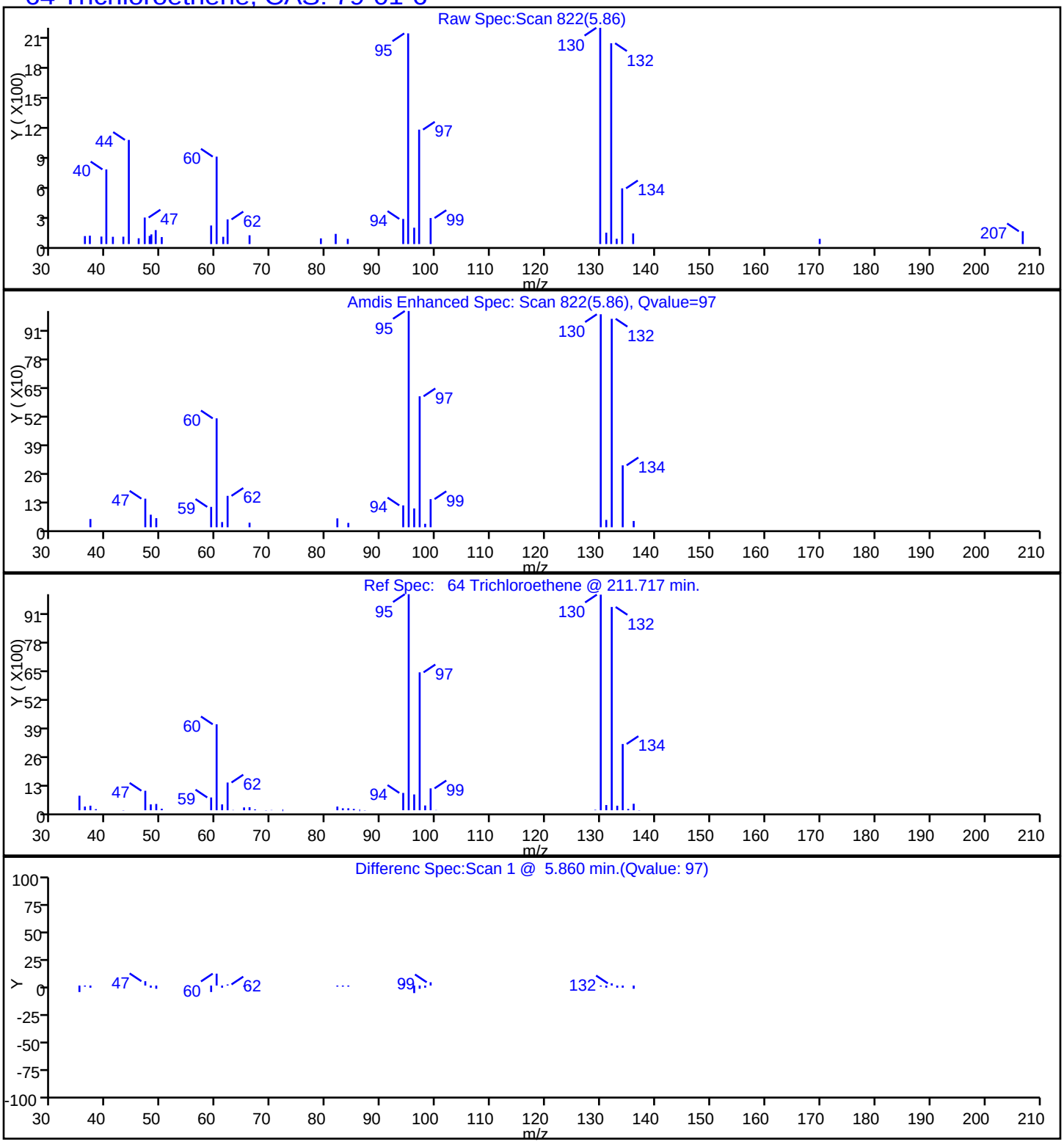
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D		
Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

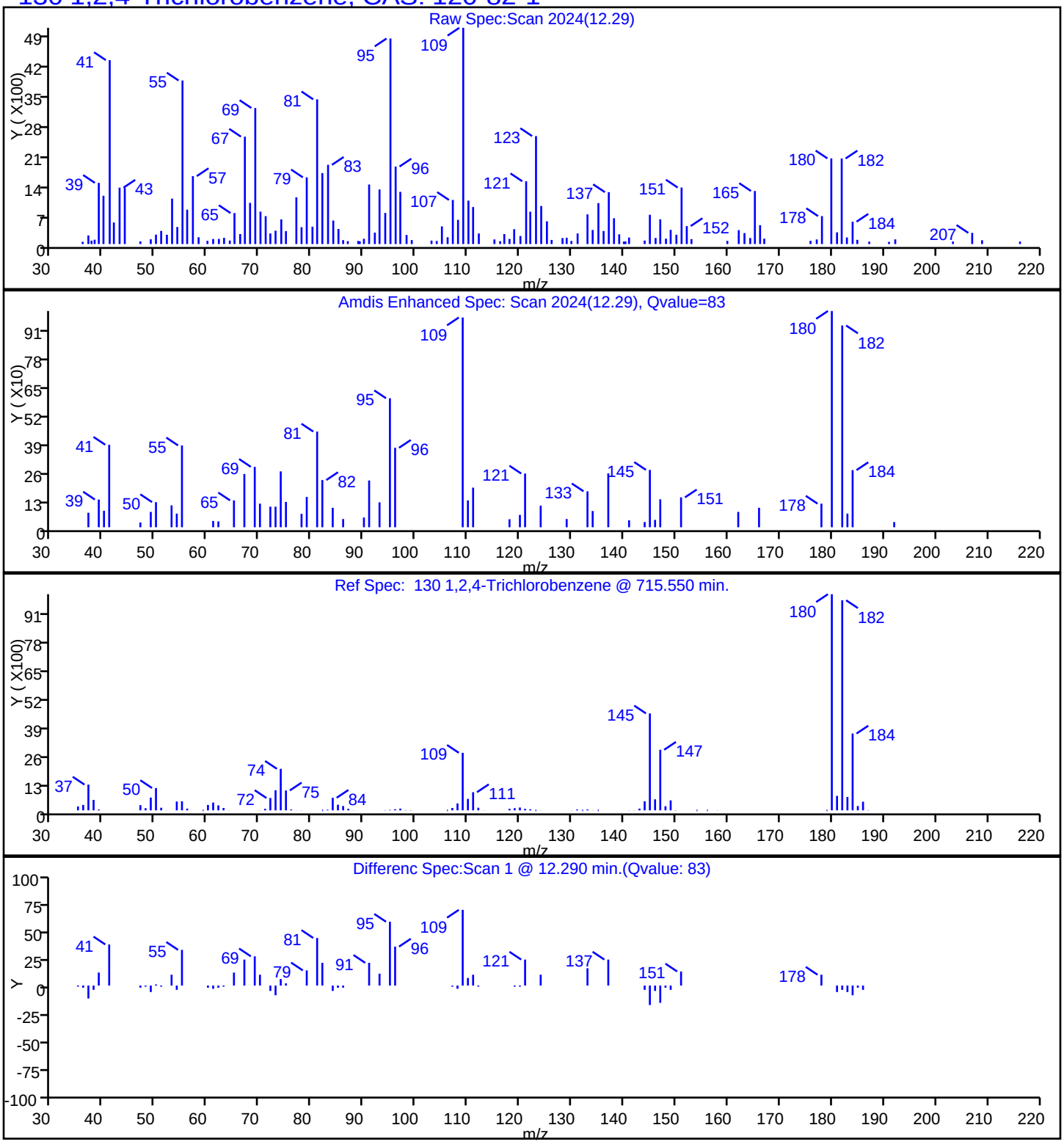
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D				
Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

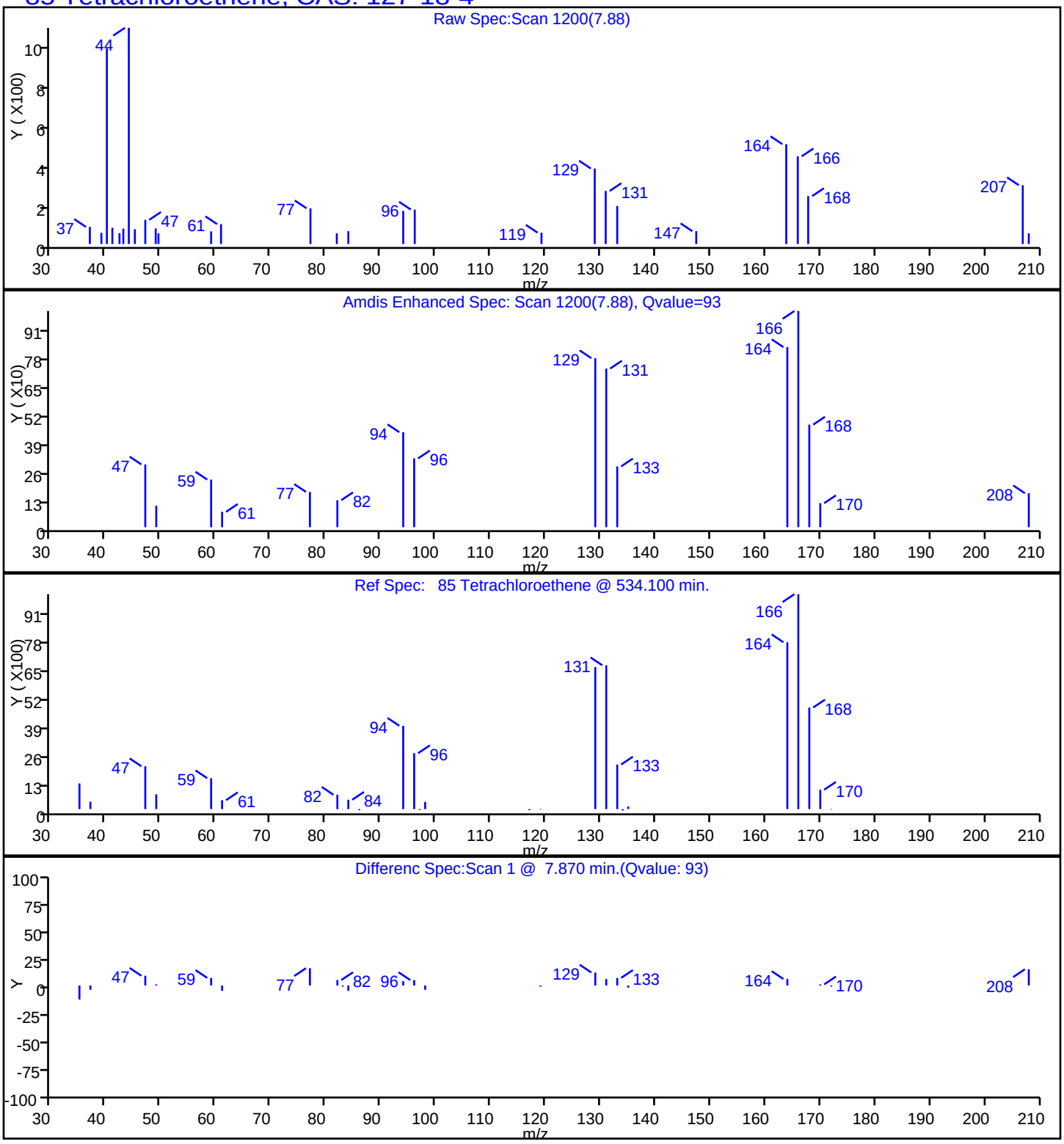
130 1,2,4-Trichlorobenzene, CAS: 120-82-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D		
Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

85 Tetrachloroethene, CAS: 127-18-4



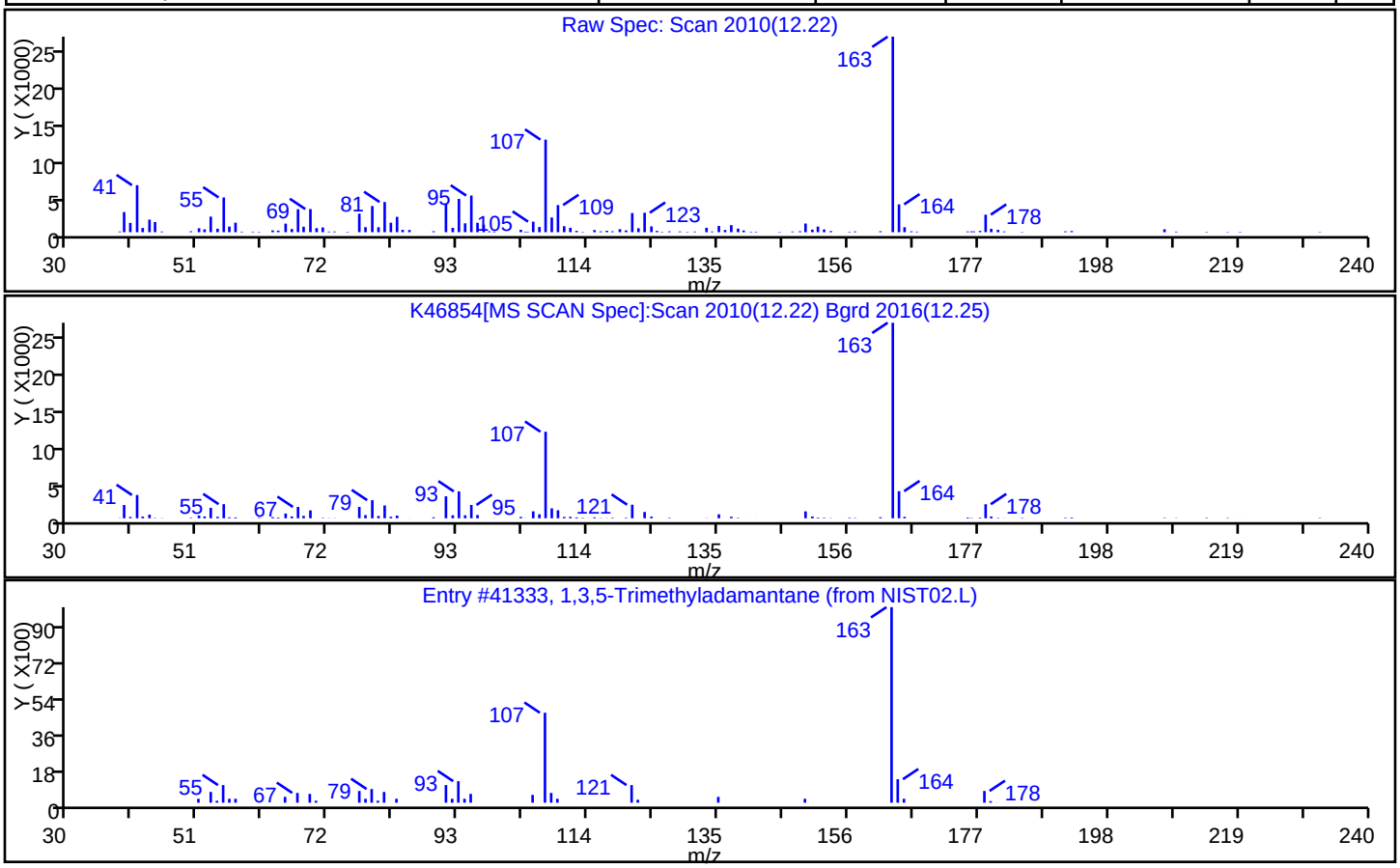
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3,5-Trimethyladamantane	707-35-7	NIST02.L	41333	C13H22	178	91



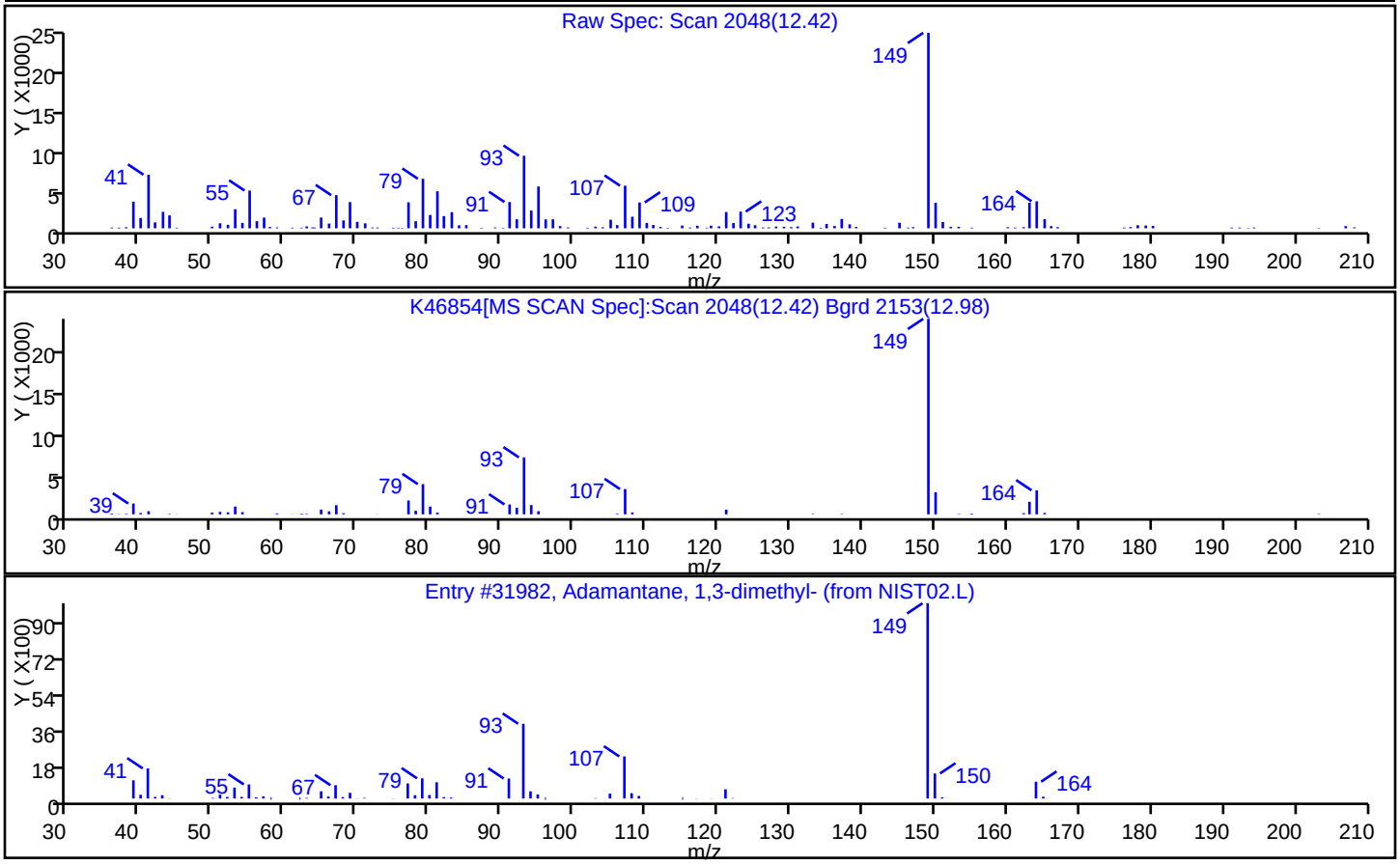
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Adamantane, 1,3-dimethyl-	702-79-4	NIST02.L	31982	C12H20	164	90



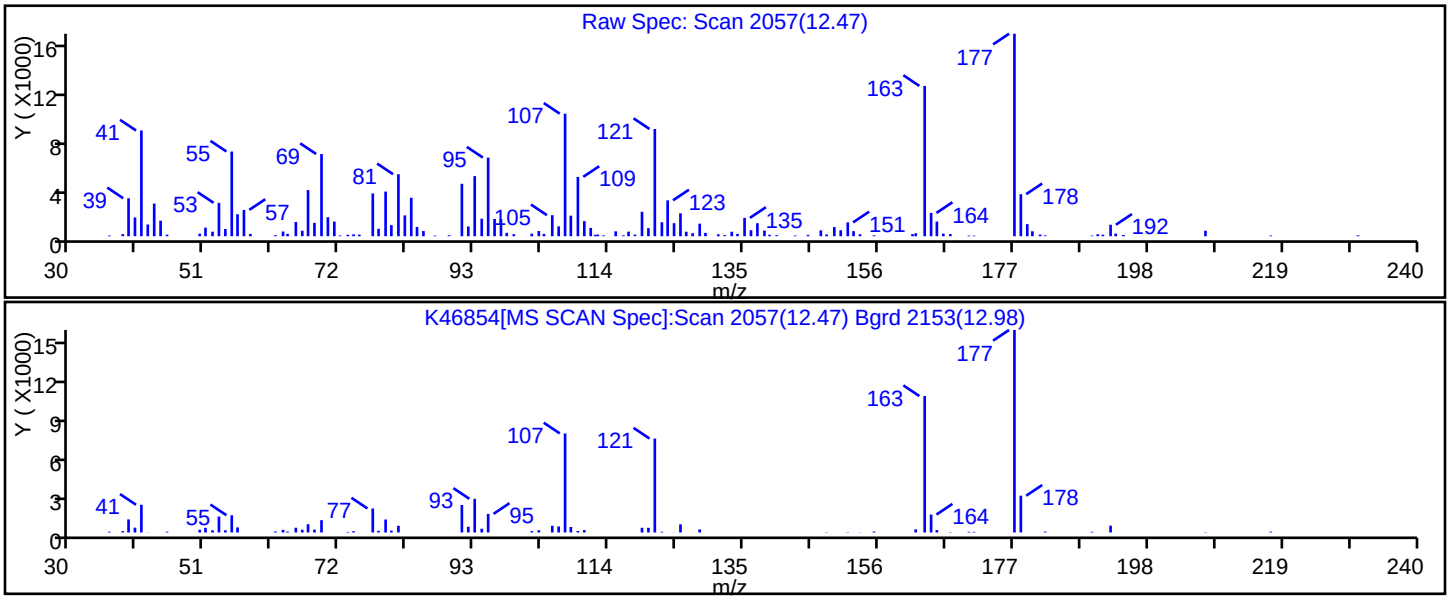
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

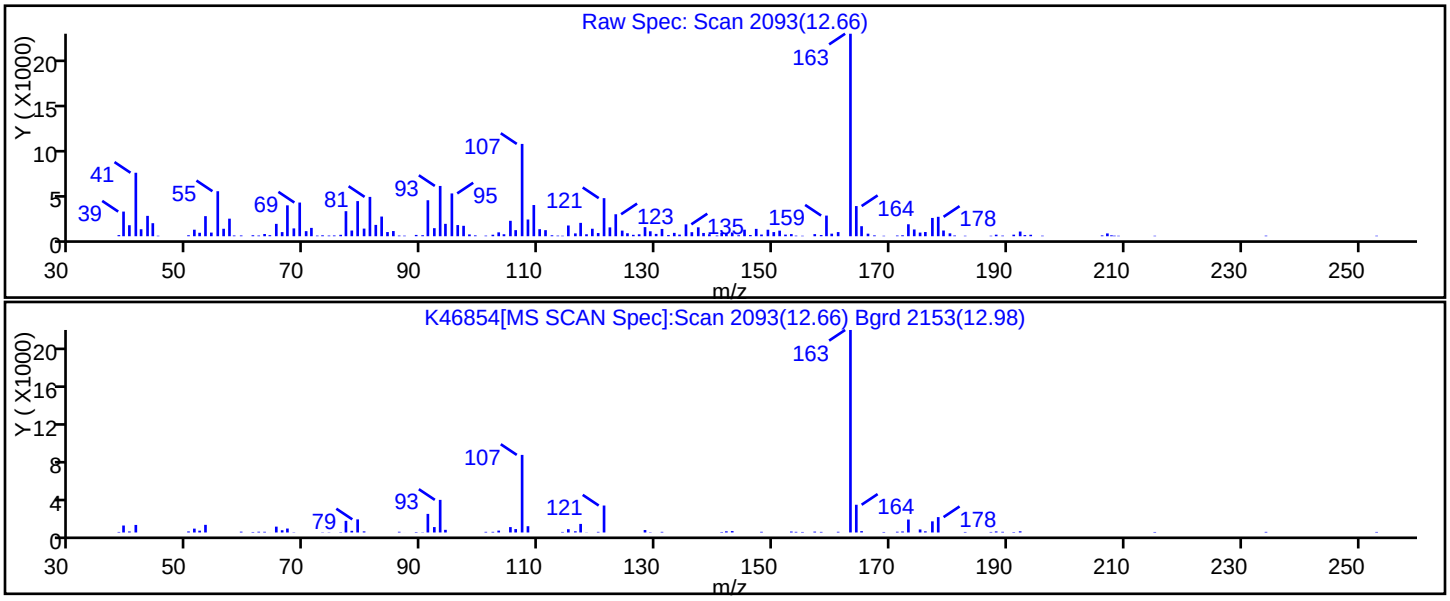


Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D				
Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



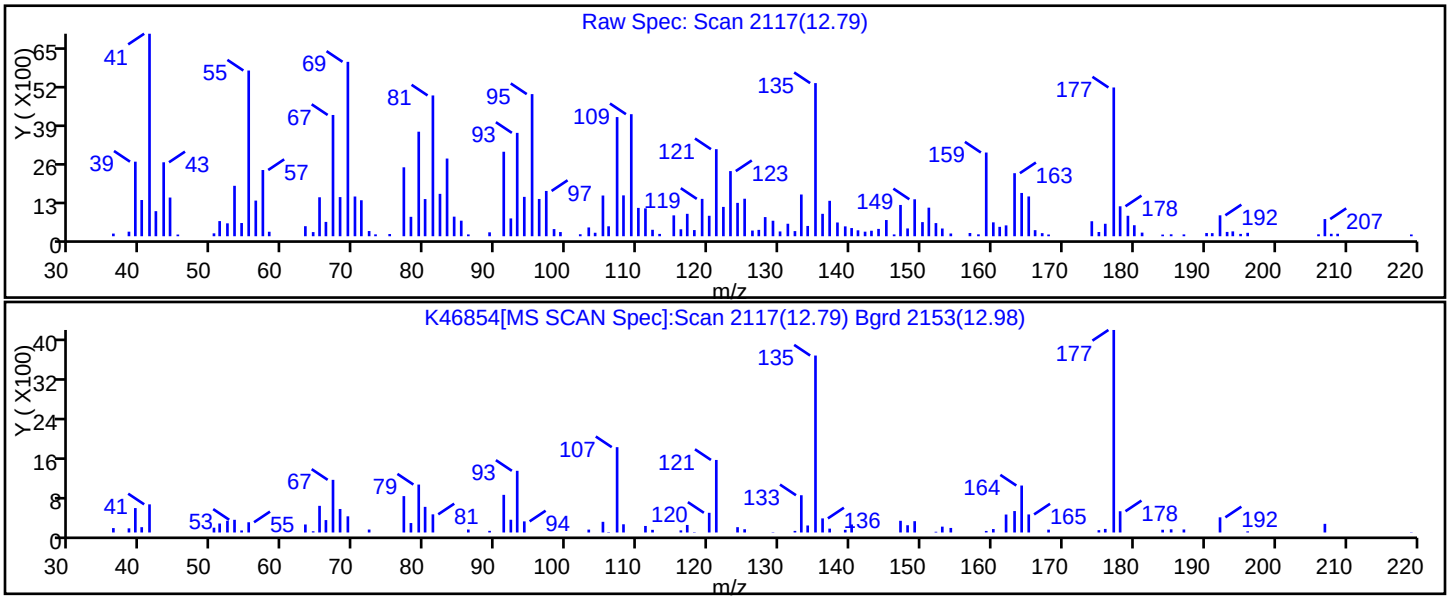
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



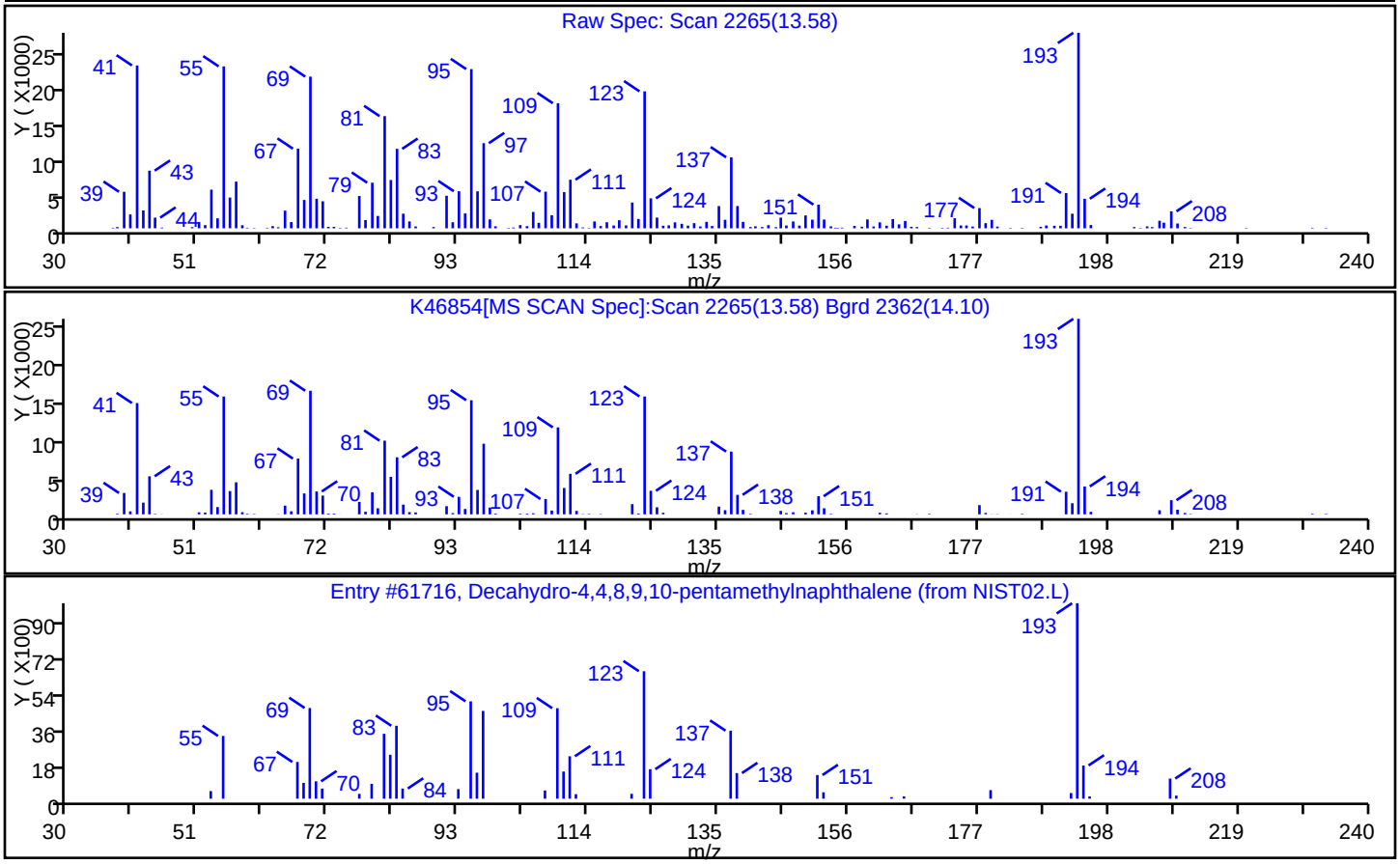
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	99



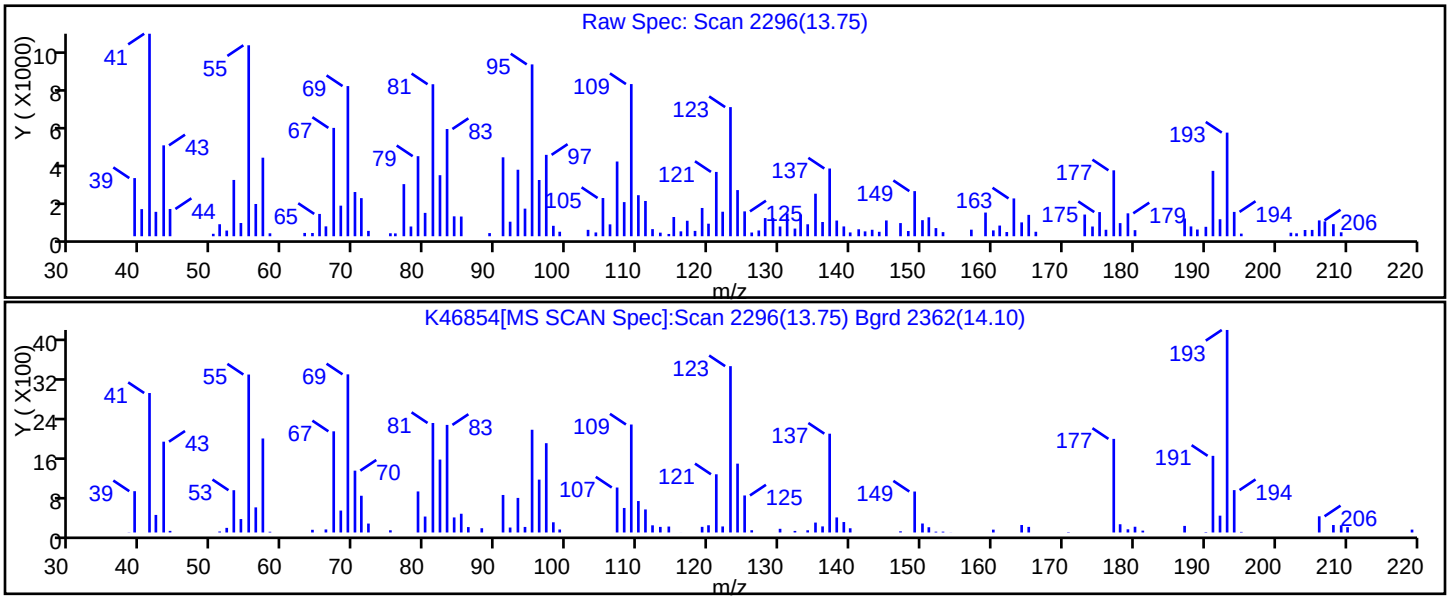
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



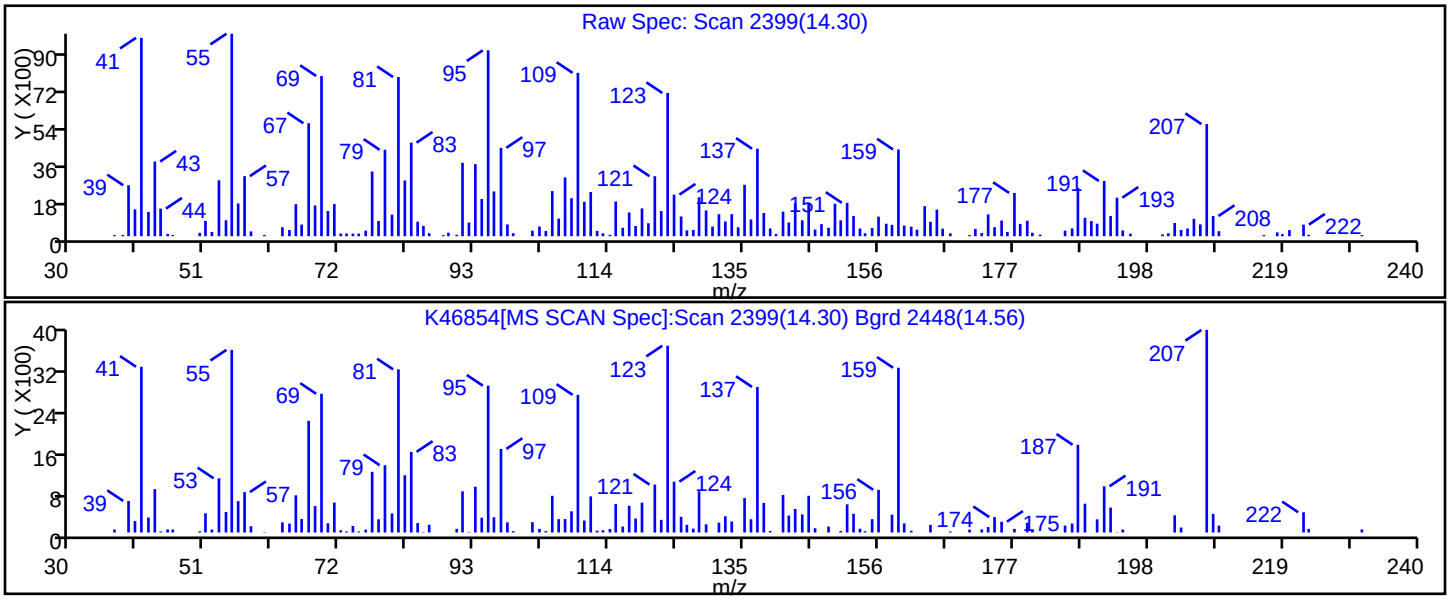
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



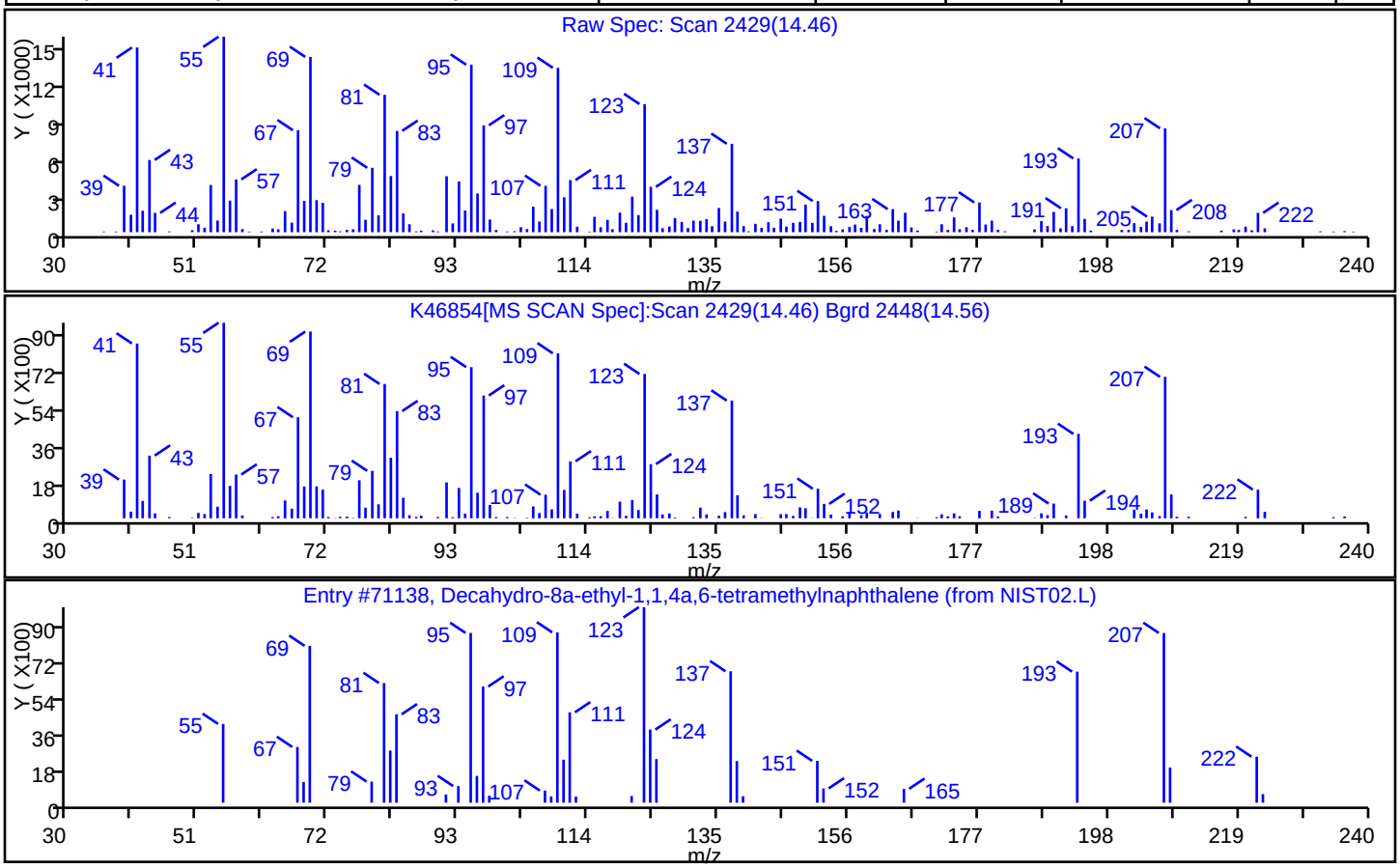
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23-6	NIST02.L	71138	C16H30	222	97



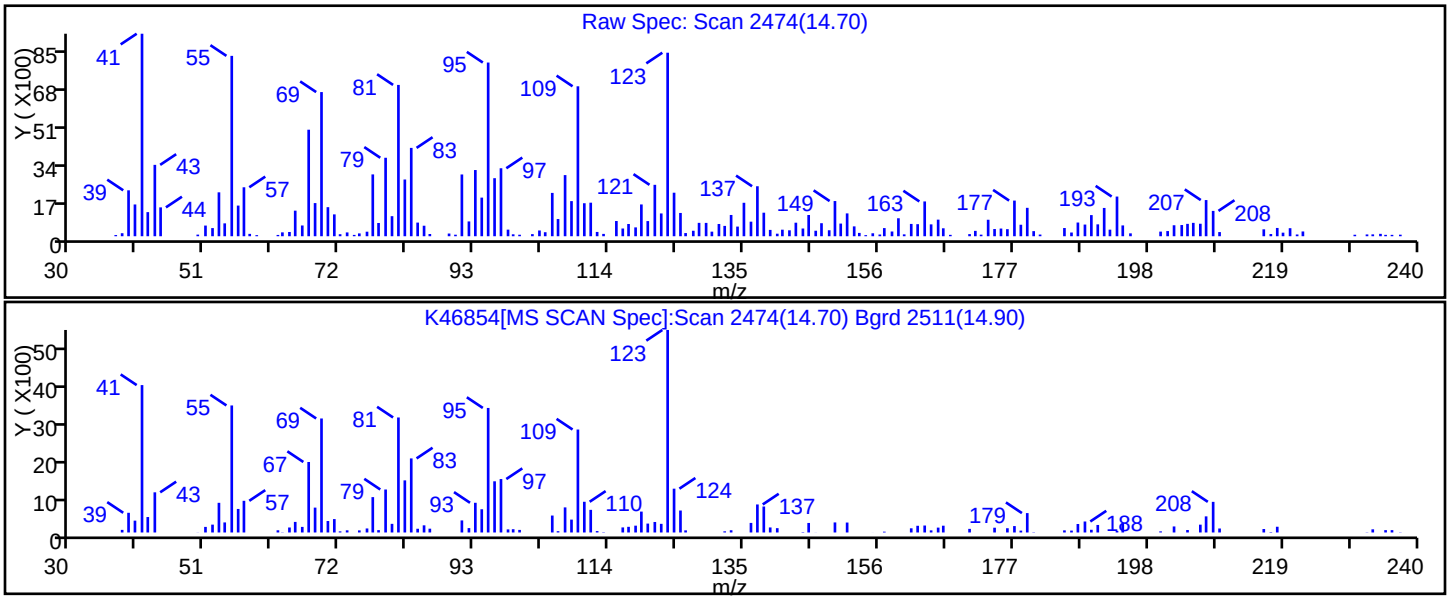
Report Date: 11-Nov-2015 09:10:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46854.D

Injection Date:	09-Nov-2015 21:29:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-34-A	Lab Sample ID:	460-104096-34
Client ID:	PRA-5 SE-3.75		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: K46904.D

Analysis Method: 8260C | Date Collected: 11/05/2015 14:37

Sample wt/vol: 5.766(g) | Date Analyzed: 11/10/2015 19:39

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.35	U	0.91	0.35
74-83-9	Bromomethane	0.29	U	0.91	0.29
75-01-4	Vinyl chloride	0.35	U	0.91	0.35
75-00-3	Chloroethane	0.32	U	0.91	0.32
75-09-2	Methylene Chloride	0.29	U	0.91	0.29
67-64-1	Acetone	9.6		4.5	0.96
75-15-0	Carbon disulfide	0.39	U	0.91	0.39
75-69-4	Trichlorofluoromethane	0.31	U	0.91	0.31
75-35-4	1,1-Dichloroethene	0.37	U	0.91	0.37
75-34-3	1,1-Dichloroethane	0.31	U	0.91	0.31
156-60-5	trans-1,2-Dichloroethene	0.35	U	0.91	0.35
156-59-2	cis-1,2-Dichloroethene	2.4		0.91	0.20
67-66-3	Chloroform	0.83	J	0.91	0.19
78-93-3	2-Butanone	0.70	U	4.5	0.70
107-06-2	1,2-Dichloroethane	0.10	U	0.91	0.10
71-55-6	1,1,1-Trichloroethane	0.35	U	0.91	0.35
56-23-5	Carbon tetrachloride	0.39	U	0.91	0.39
71-43-2	Benzene	0.18	U	0.91	0.18
75-25-2	Bromoform	0.12	U	0.91	0.12
100-42-5	Styrene	0.14	U	0.91	0.14
100-41-4	Ethylbenzene	0.16	U	0.91	0.16
108-90-7	Chlorobenzene	0.13	U	0.91	0.13
110-82-7	Cyclohexane	0.42	U	0.91	0.42
98-82-8	Isopropylbenzene	0.25	J	0.91	0.15
591-78-6	2-Hexanone	0.85	U	4.5	0.85
1634-04-4	MTBE	0.15	U	0.91	0.15
76-13-1	Freon TF	0.40	U	0.91	0.40
79-20-9	Methyl acetate	0.82	U	4.5	0.82
123-91-1	1,4-Dioxane	5.8	U *	18	5.8
79-01-6	Trichloroethene	8.6		0.91	0.24
108-88-3	Toluene	0.17	U	0.91	0.17
10061-02-6	trans-1,3-Dichloropropene	0.091	U	0.91	0.091
108-10-1	4-Methyl-2-pentanone	2.0	U	4.5	2.0
10061-01-5	cis-1,3-Dichloropropene	0.14	U	0.91	0.14
95-50-1	1,2-Dichlorobenzene	0.69	J	0.91	0.13
541-73-1	1,3-Dichlorobenzene	3.0		0.91	0.11

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: K46904.D

Analysis Method: 8260C | Date Collected: 11/05/2015 14:37

Sample wt/vol: 5.766(g) | Date Analyzed: 11/10/2015 19:39

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	12		0.91	0.12
120-82-1	1,2,4-Trichlorobenzene	0.29	U	0.91	0.29
87-61-6	1,2,3-Trichlorobenzene	0.10	U	0.91	0.10
78-87-5	1,2-Dichloropropane	0.15	U	0.91	0.15
108-87-2	Methylcyclohexane	0.45	U *	0.91	0.45
127-18-4	Tetrachloroethene	0.25	U	0.91	0.25
1330-20-7	Xylenes, Total	0.40	J	1.8	0.10
96-12-8	1,2-Dibromo-3-Chloropropane	0.43	U	0.91	0.43
79-34-5	1,1,2,2-Tetrachloroethane	0.15	U	0.91	0.15
79-00-5	1,1,2-Trichloroethane	0.25	U	0.91	0.25
124-48-1	Dibromochloromethane	0.14	U	0.91	0.14
106-93-4	1,2-Dibromoethane	0.11	U	0.91	0.11
75-71-8	Dichlorodifluoromethane	0.29	U	0.91	0.29
74-97-5	Bromochloromethane	0.15	U	0.91	0.15
75-27-4	Bromodichloromethane	0.35	U	0.91	0.35

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		78-135
2037-26-5	Toluene-d8 (Surr)	93		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	101		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 Lab Sample ID: 460-104096-35

Matrix: Solid Lab File ID: K46904.D

Analysis Method: 8260C Date Collected: 11/05/2015 14:37

Sample wt/vol: 5.766(g) Date Analyzed: 11/10/2015 19:39

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.: 334331 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 3960

CAS NO.	COMPOUND NAME	RT	RESULT	Q
493-02-7	Naphthalene, decahydro-, trans-	11.24	470	J N
61141-80-8	Cyclohexane, 1,2-diethyl-3-methyl-	11.35	250	J N
	Unknown	11.56	280	J
1000152-47-3	trans-Decalin, 2-methyl-	11.63	500	J N
2958-75-0	1-Methyldecahydronaphthalene	11.76	560	J N
	Unknown	12.00	590	J
	Unknown	12.09	310	J
	Unknown	12.25	430	J
	Unknown	12.31	260	J
	Unknown	12.36	310	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D
Lims ID: 460-104096-B-35-A Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 19:39:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-B-35-A
Misc. Info.: 460-0034050-024
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:46:26 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 12:46:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.934	2.939	-0.005	85	19264	10.5	
* 26 TBA-d9 (IS)	65	3.292	3.298	-0.006	100	360764	1000.0	
* 39 2-Butanone-d5	46	4.378	4.384	-0.006	100	300916	250.0	
41 cis-1,2-Dichloroethene	96	4.421	4.426	-0.005	94	8764	2.62	
48 Chloroform	83	4.704	4.705	-0.001	98	4959	0.9120	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	133281	50.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	96	142347	50.4	
* 61 Fluorobenzene	96	5.496	5.502	-0.006	98	435195	50.0	
64 Trichloroethene	95	5.855	5.860	-0.005	97	28551	9.42	
* 69 1,4-Dioxane-d8	96	6.213	6.197	0.016	98	24730	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	428951	46.6	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	311436	50.0	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	71	762	0.1401	
97 o-Xylene	106	9.690	9.690	0.000	91	1737	0.3014	
101 Isopropylbenzene	105	10.022	10.022	0.000	59	4153	0.2794	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	90	153956	50.9	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	76	26115	3.32	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	195233	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	93	102385	13.0	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	1	6093	0.7606	
S 135 Xylenes, Total	100				0		0.4415	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Sample Type:	Client				
Inject. Date:	10-Nov-2015 19:39:30	ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-104096-B-35-A				
Misc. Info.:	460-0034050-024				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	11-Nov-2015 12:46:26	Calib Date:	06-Nov-2015 08:33:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	85				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK001				
First Level Reviewer: delpolitov		Date:	11-Nov-2015 12:46:26		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
493-02-7 Naphthalene, decahydro-, trans-								
11.242	10197213	512.3	91	91	16320	C10H18	138	
61141-80-8 Cyclohexane, 1,2-diethyl-3-methyl-								
11.349	5469167	274.8	91	87	25881	C11H22	154	
Unknown								
11.563	6056235	304.3	91					
1000152-47-3 trans-Decalin, 2-methyl-								
11.627	10903474	547.8	91	98	24310	C11H20	152	
2958-75-0 1-Methyldecahydronaphthalene								
11.755	12246278	615.3	91	98	24317	C11H20	152	
Unknown								
11.996	12954650	650.9	91					
Unknown								
12.092	6797268	341.5	91					
Unknown								
12.253	9365752	470.6	91					
Unknown								
12.306	5641319	283.4	91					
Unknown								
12.360	6783838	340.8	91					

Report Date: 11-Nov-2015 12:46:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D
Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 91 Chlorobenzene-d5	8.984	995171	50.0

QC Flag Legend

Processing Flags

Reagents:

8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

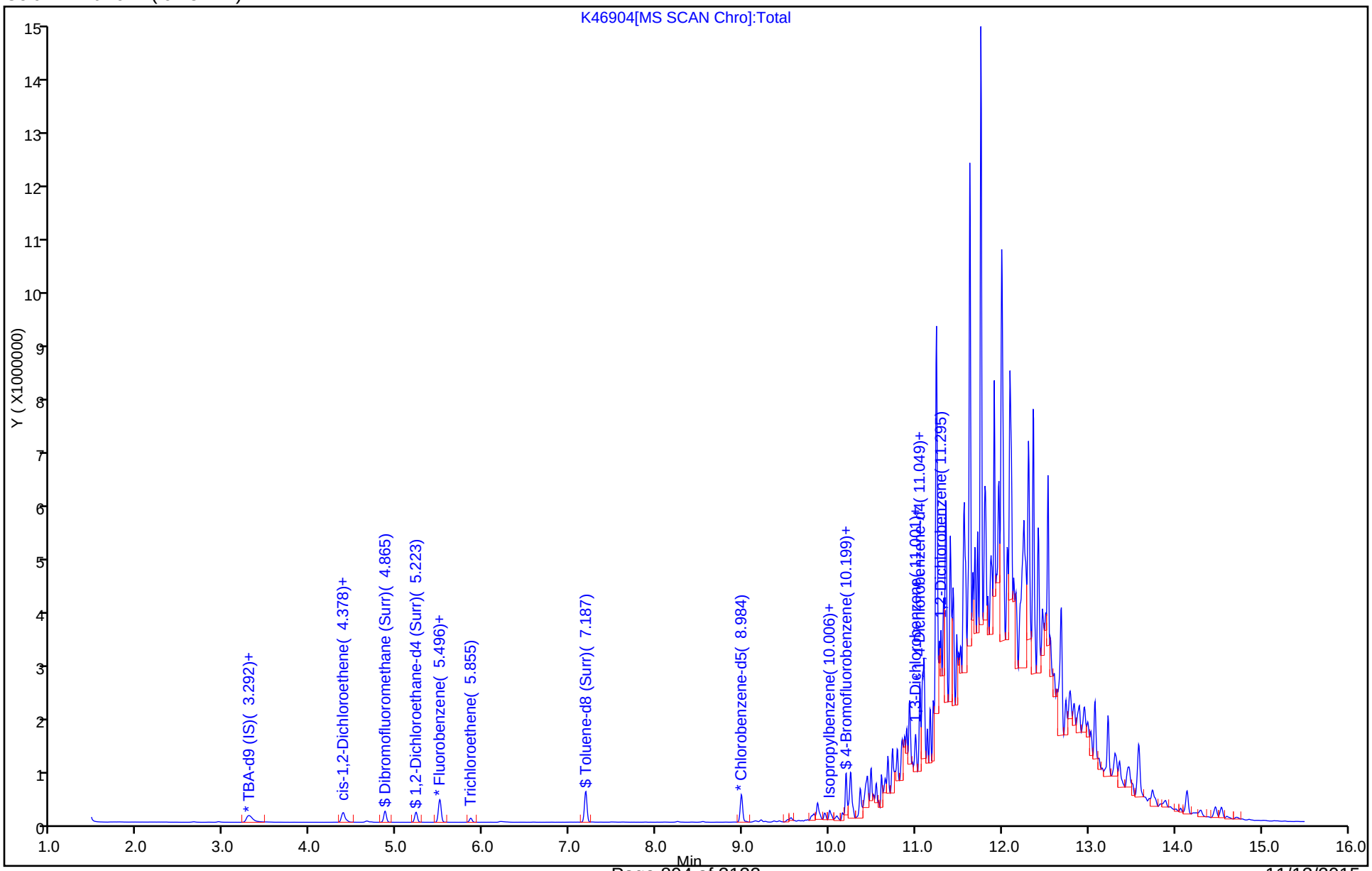
Report Date: 11-Nov-2015 12:46:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35	Worklist Smp#:	24
Client ID:	PRA-2 NW-3.75				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

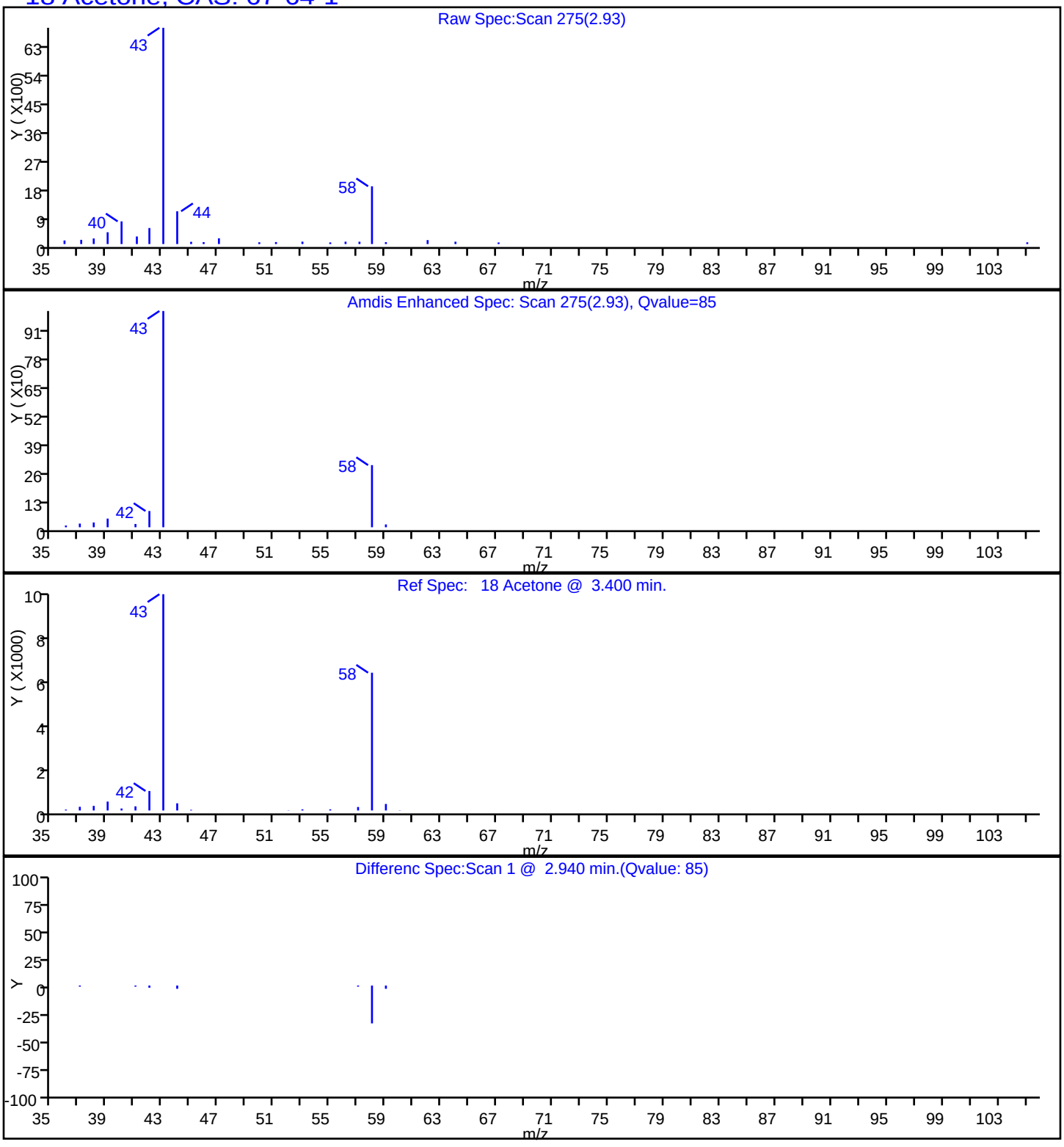
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

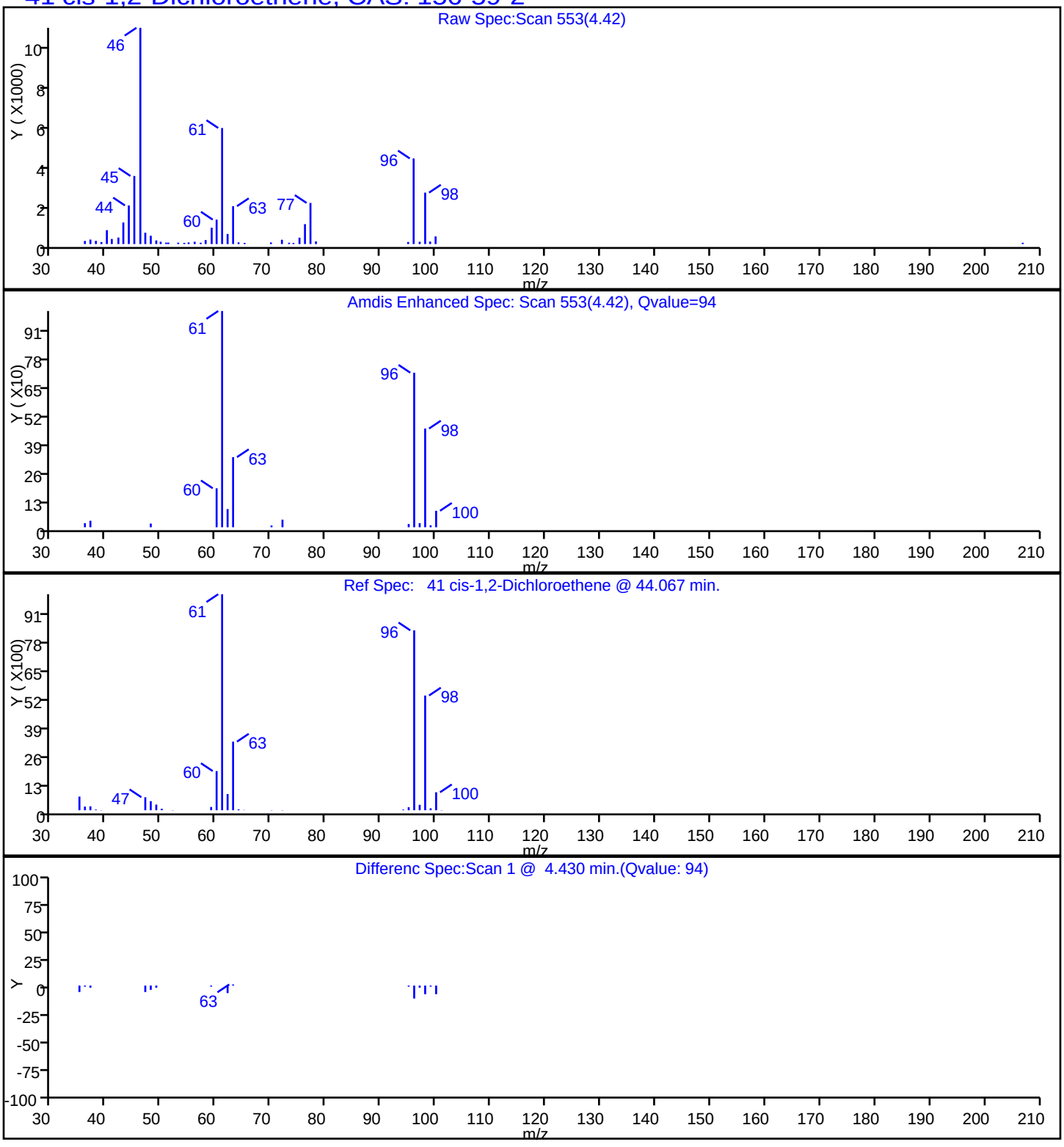
18 Acetone, CAS: 67-64-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

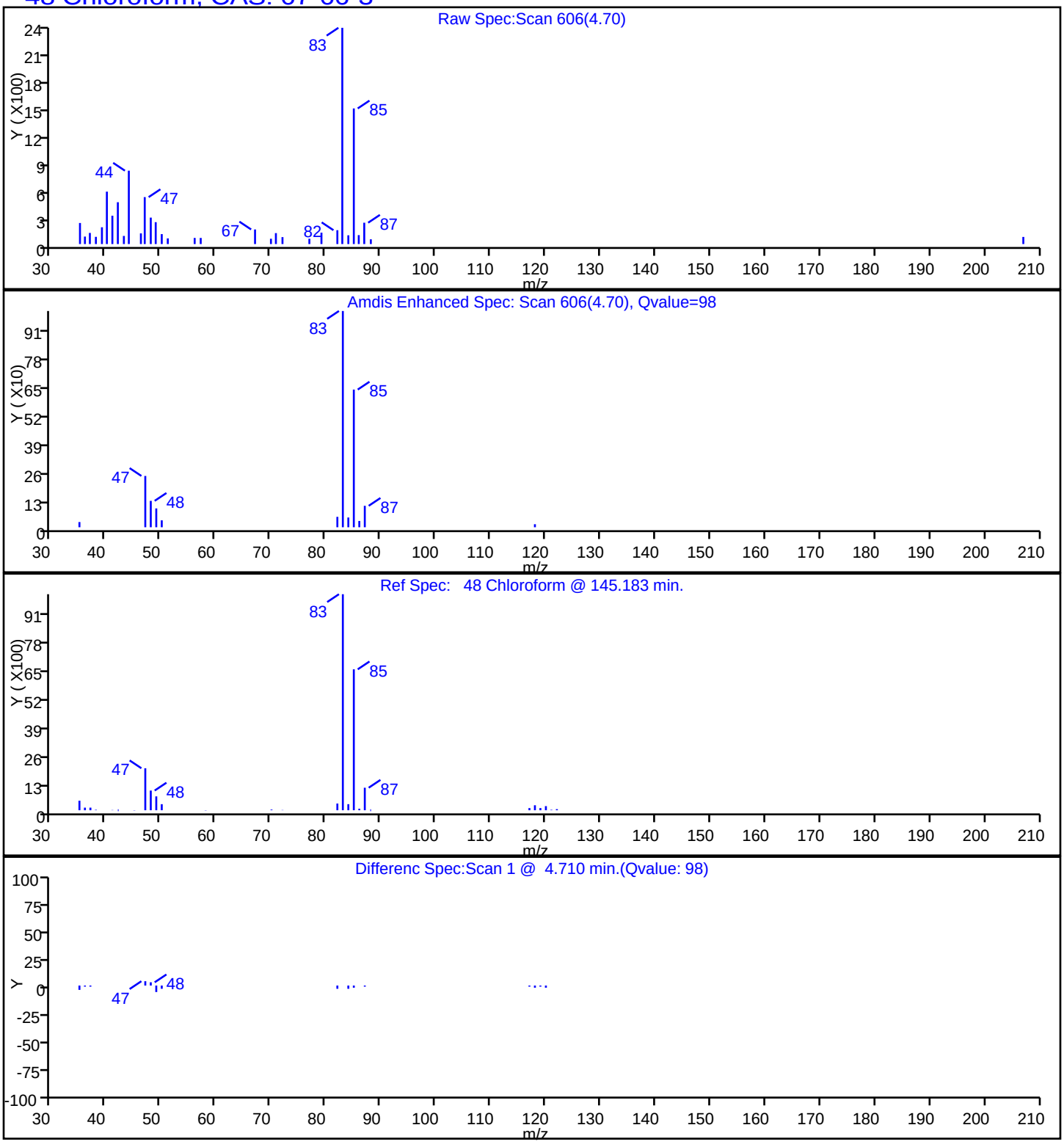
41 cis-1,2-Dichloroethene, CAS: 156-59-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

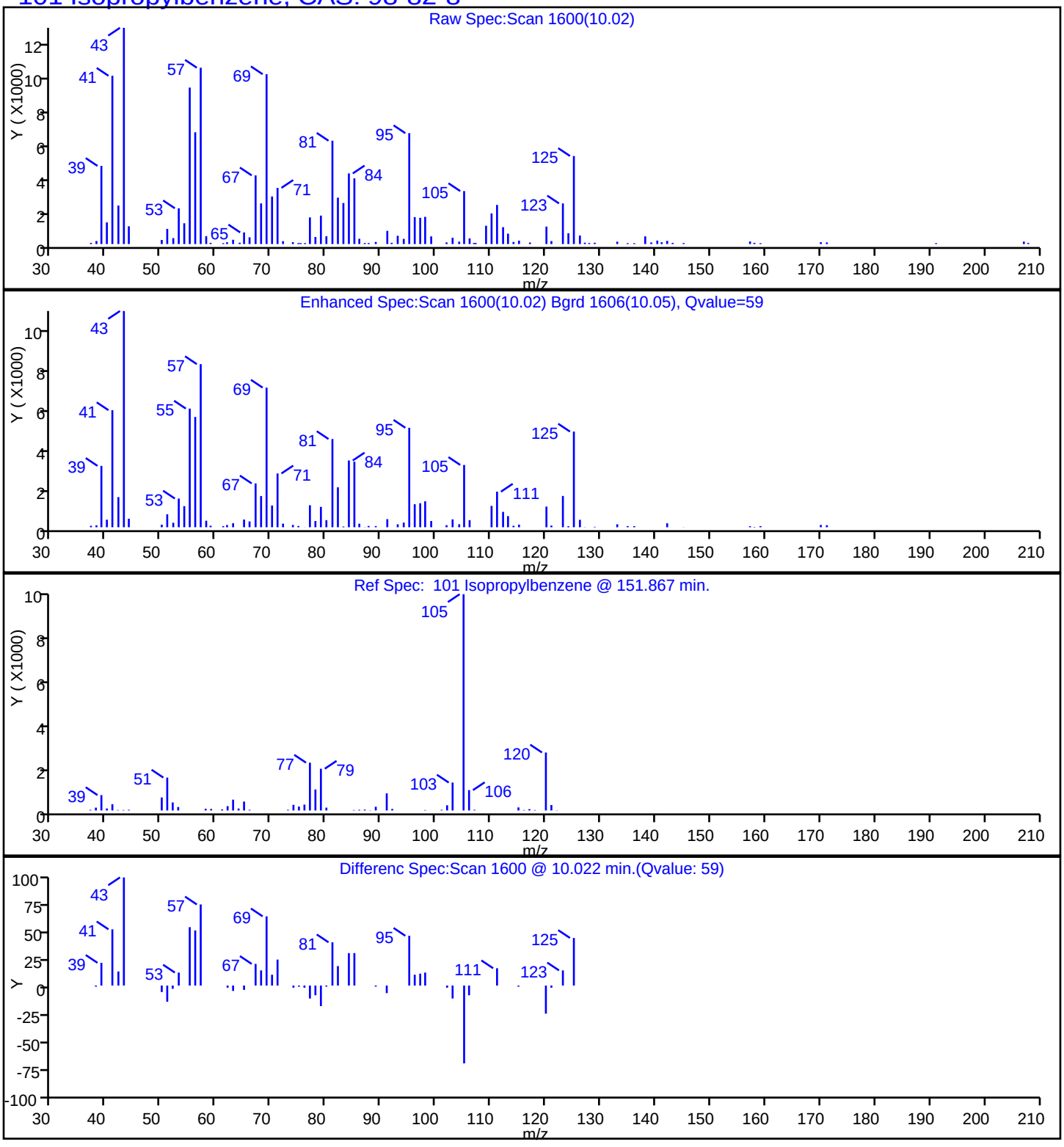
48 Chloroform, CAS: 67-66-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

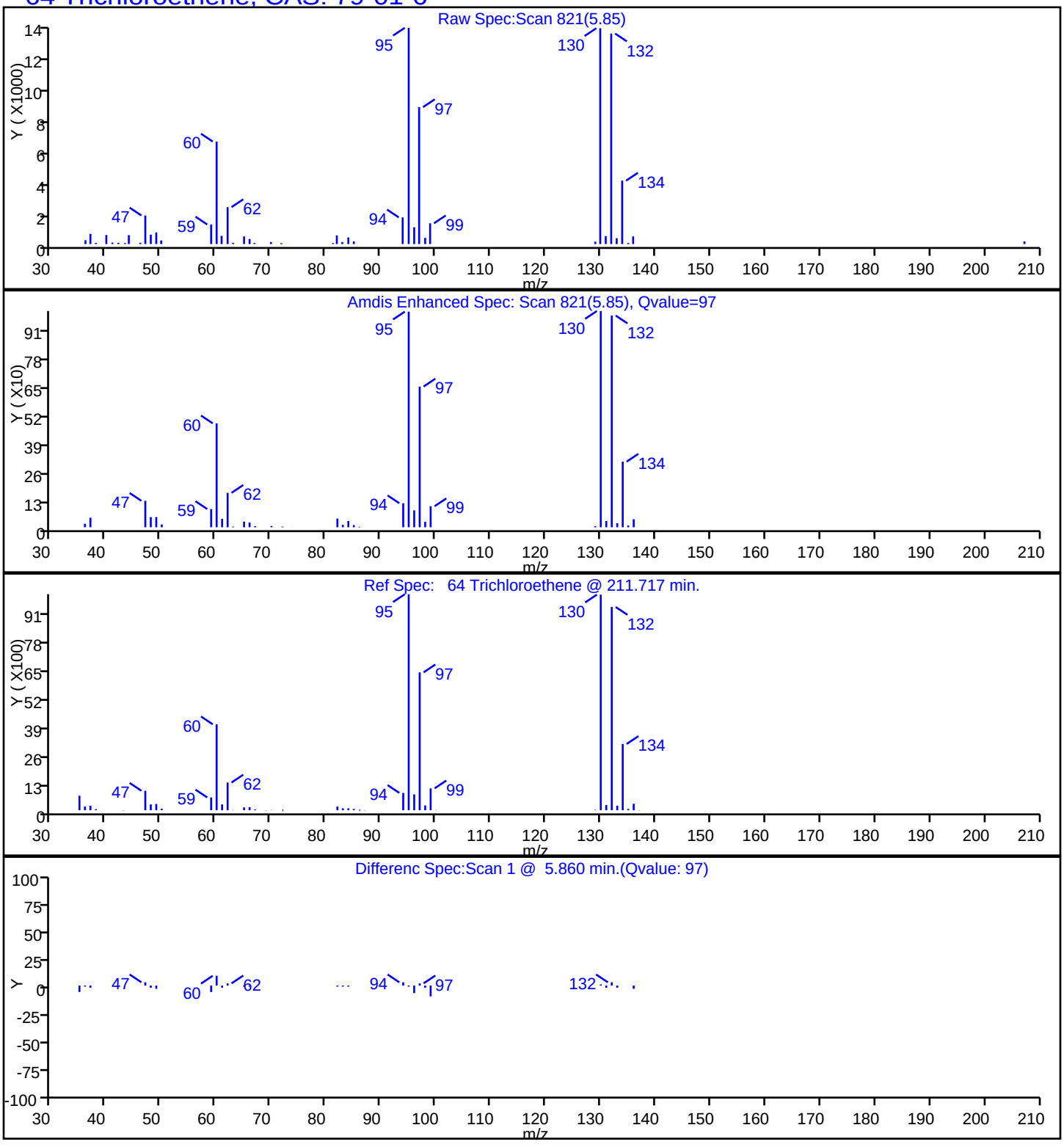
101 Isopropylbenzene, CAS: 98-82-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

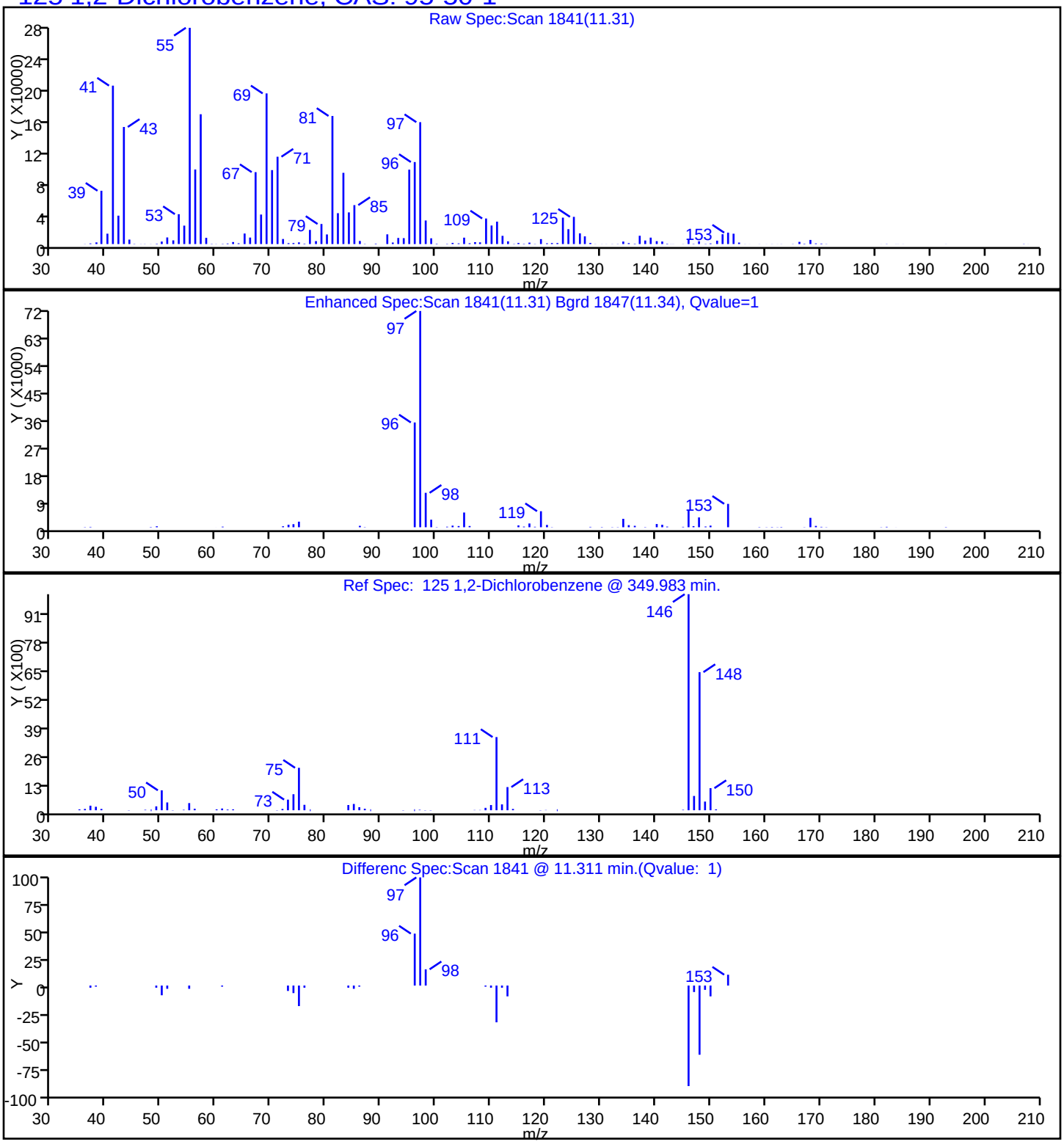
64 Trichloroethene, CAS: 79-01-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

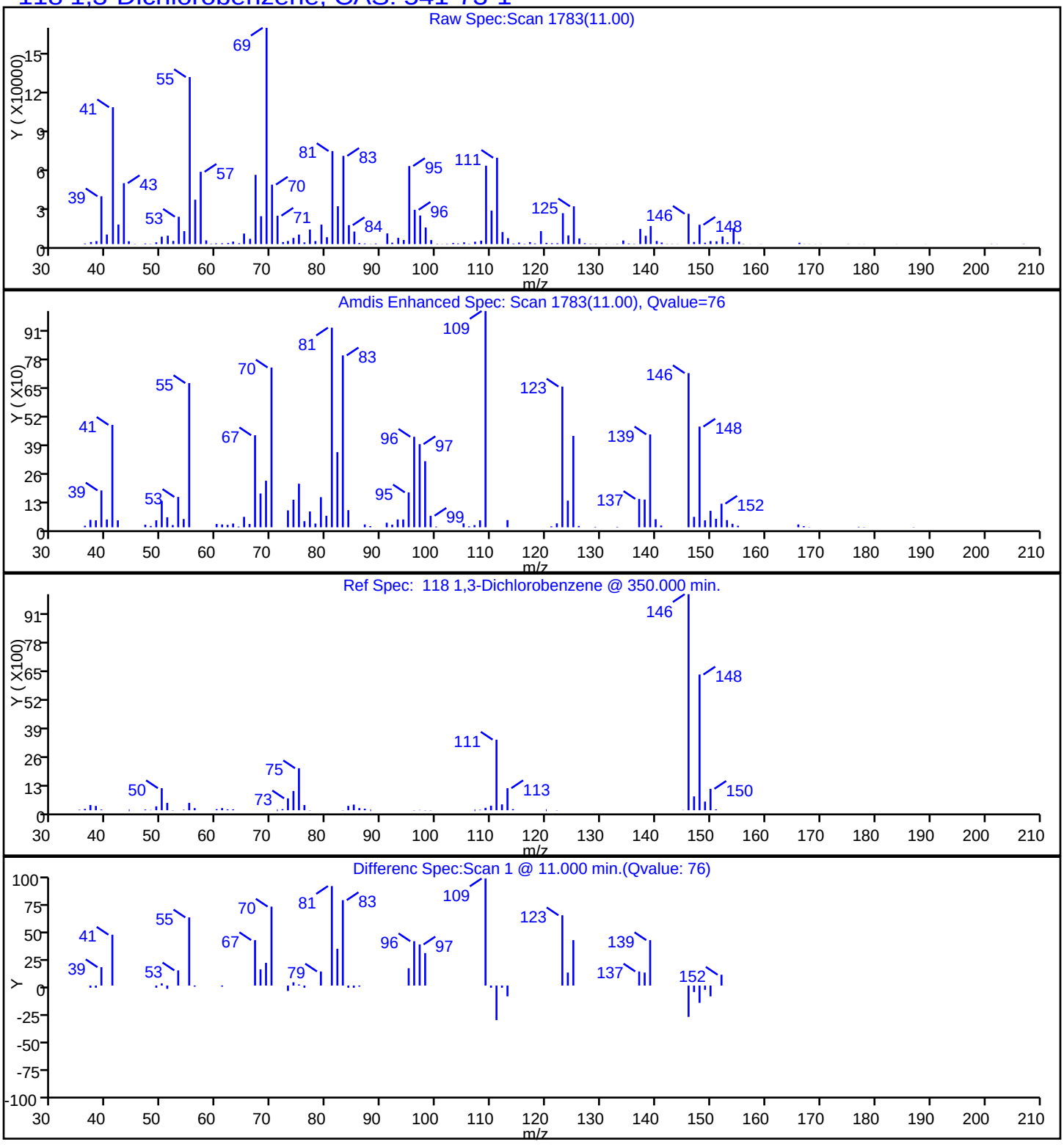
125 1,2-Dichlorobenzene, CAS: 95-50-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

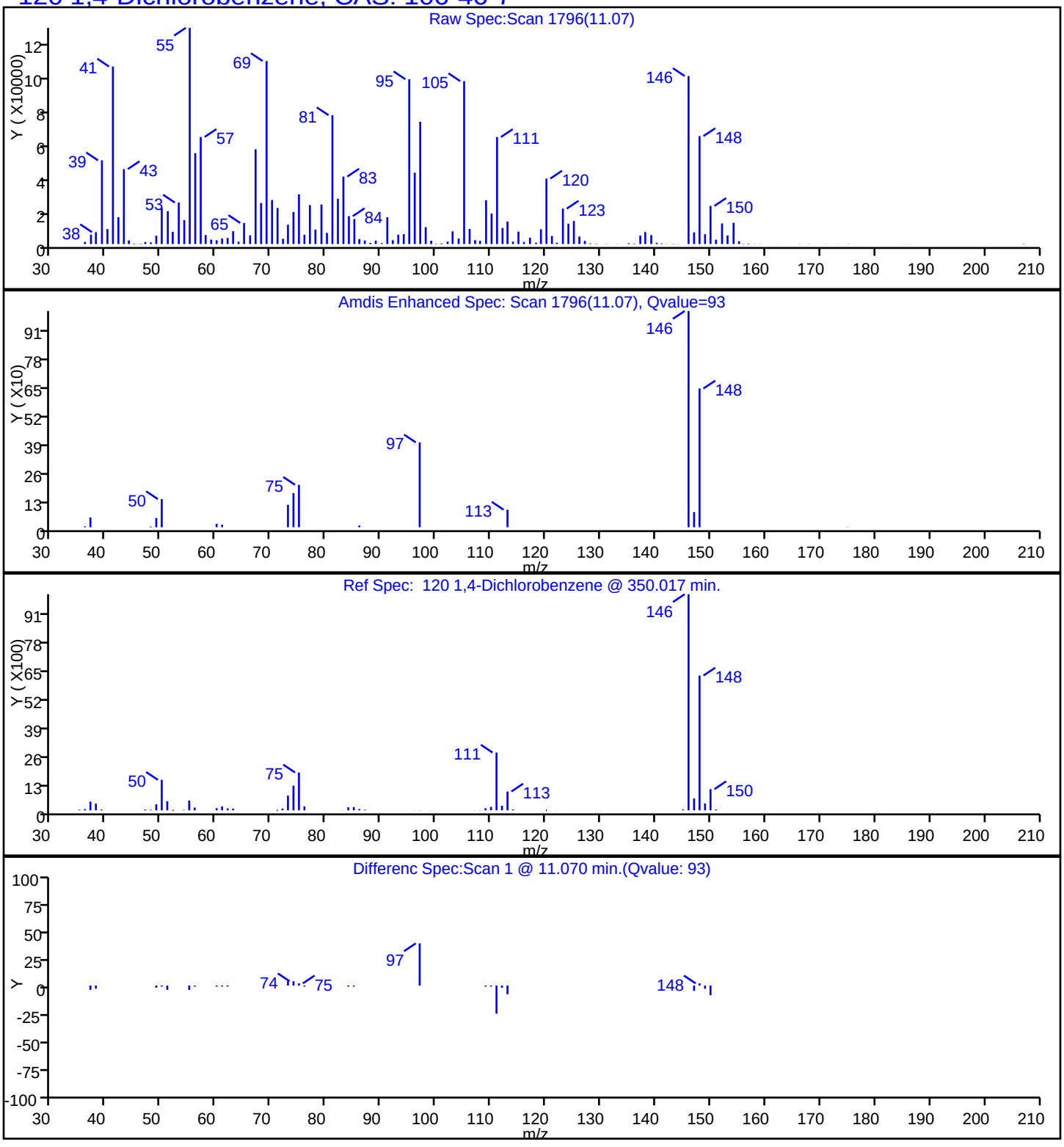
118 1,3-Dichlorobenzene, CAS: 541-73-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

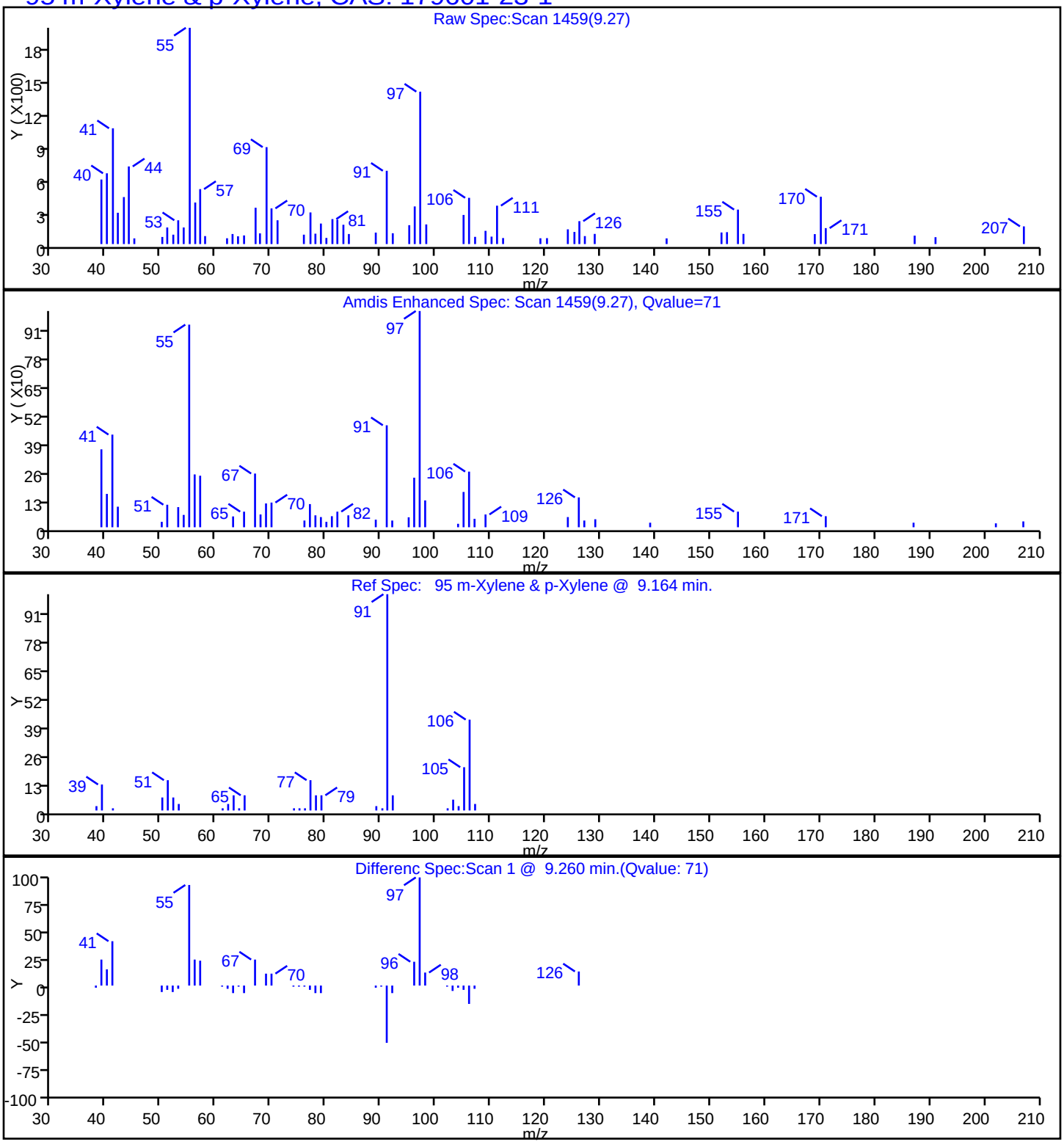
120 1,4-Dichlorobenzene, CAS: 106-46-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

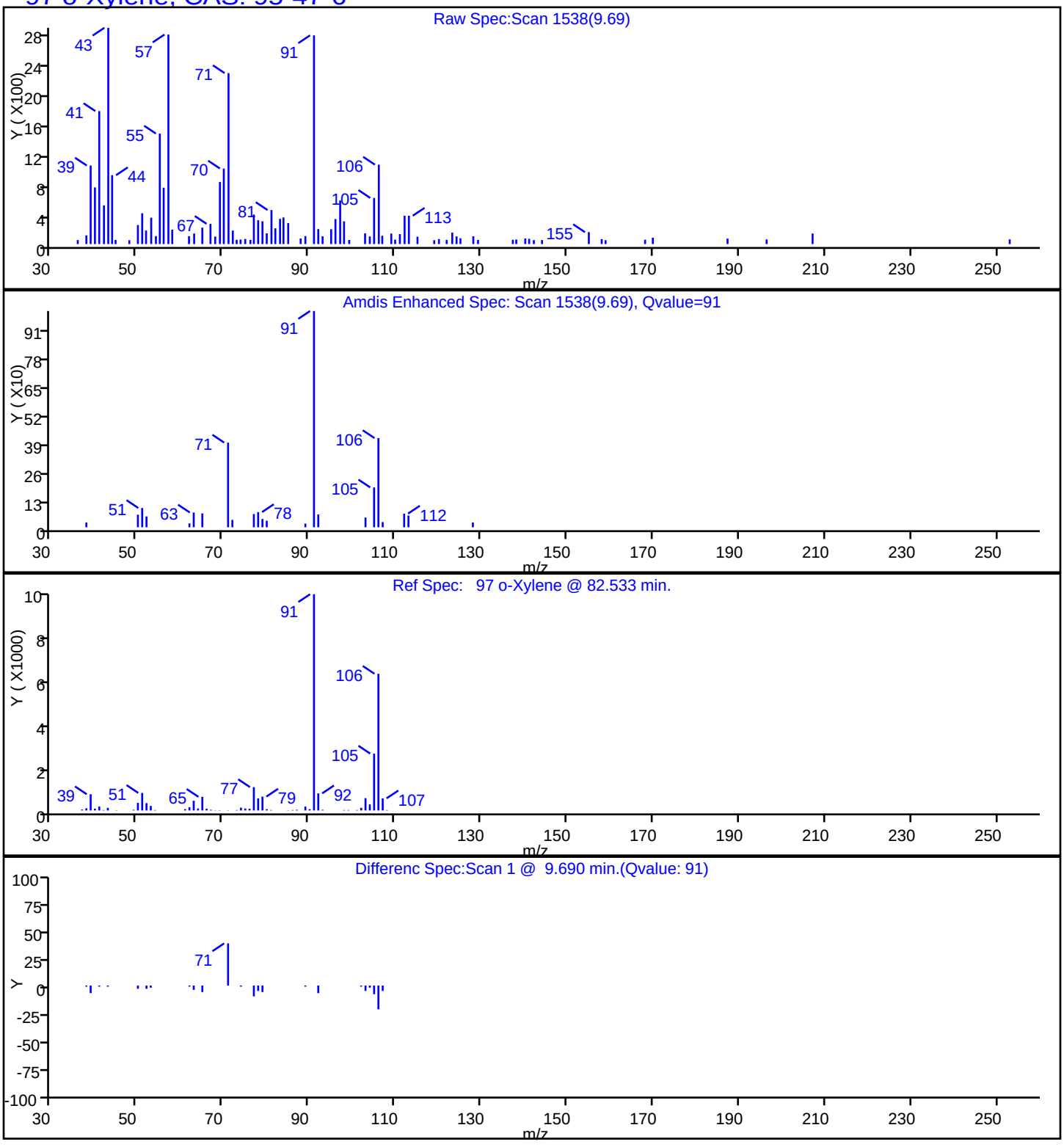
95 m-Xylene & p-Xylene, CAS: 179601-23-1



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D		
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

97 o-Xylene, CAS: 95-47-6

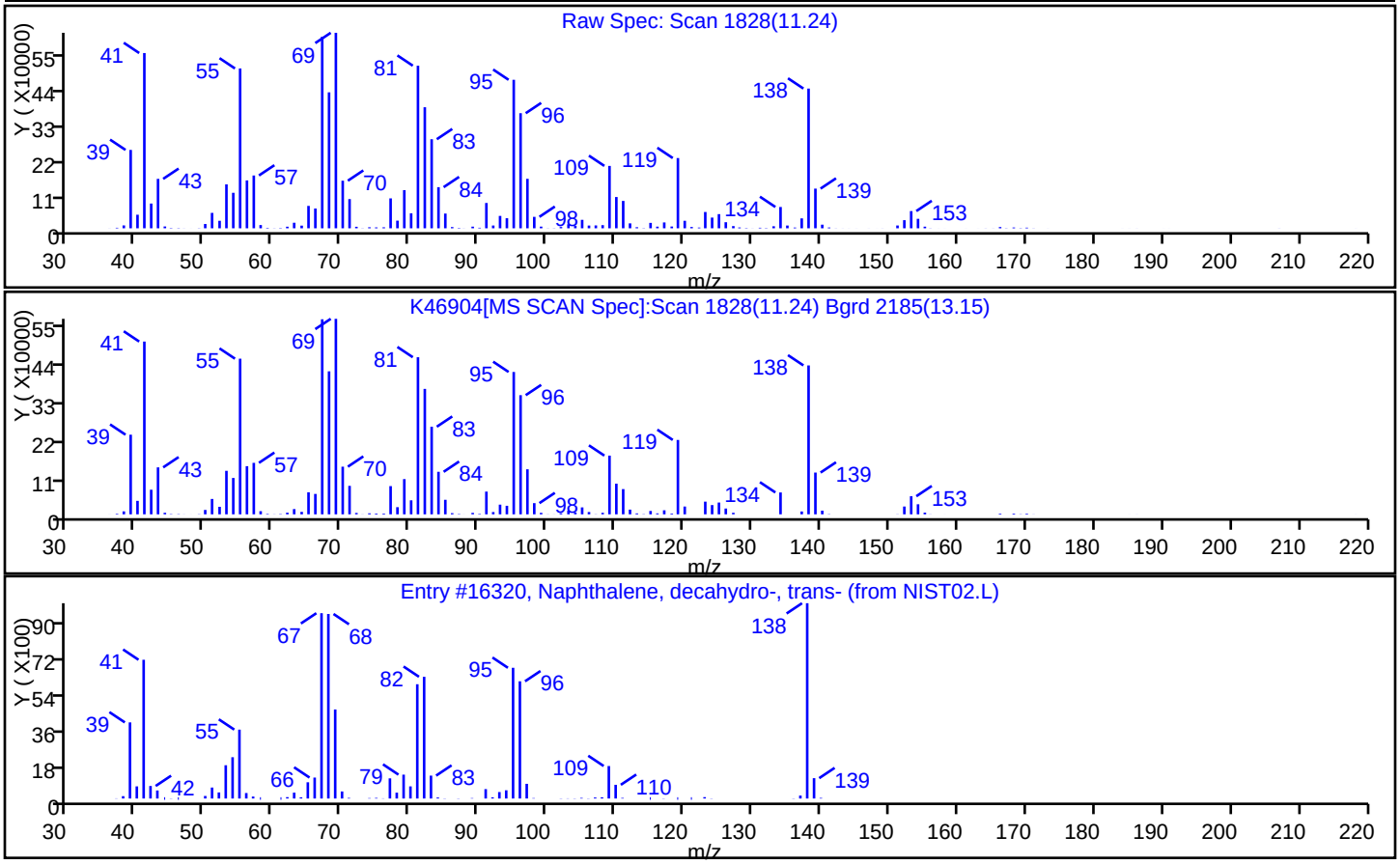


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Naphthalene, decahydro-, trans-	493-02-7	NIST02.L	16320	C10H18	138	91

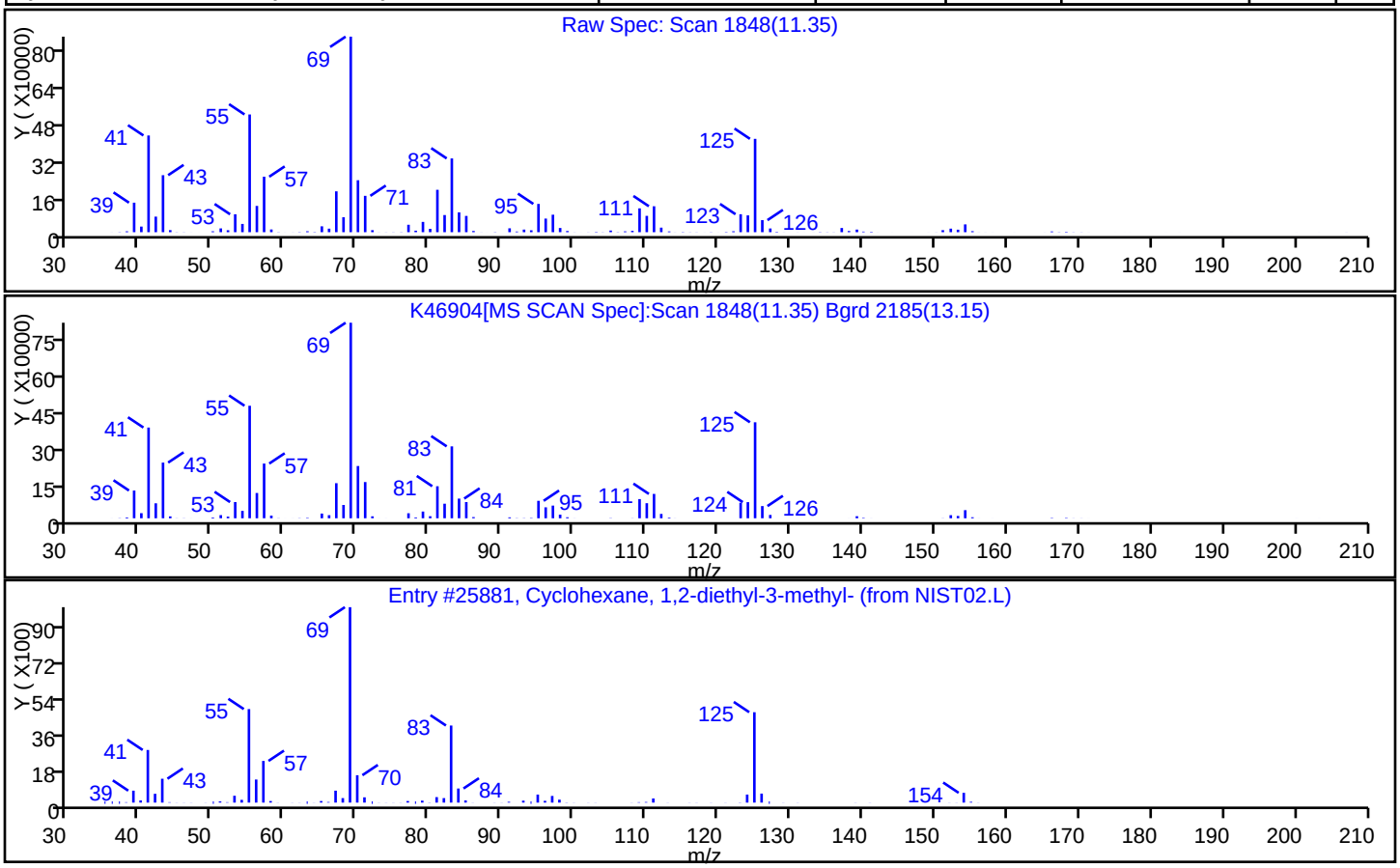


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclohexane, 1,2-diethyl-3-methyl-	61141-80-8	NIST02.L	25881	C11H22	154	87



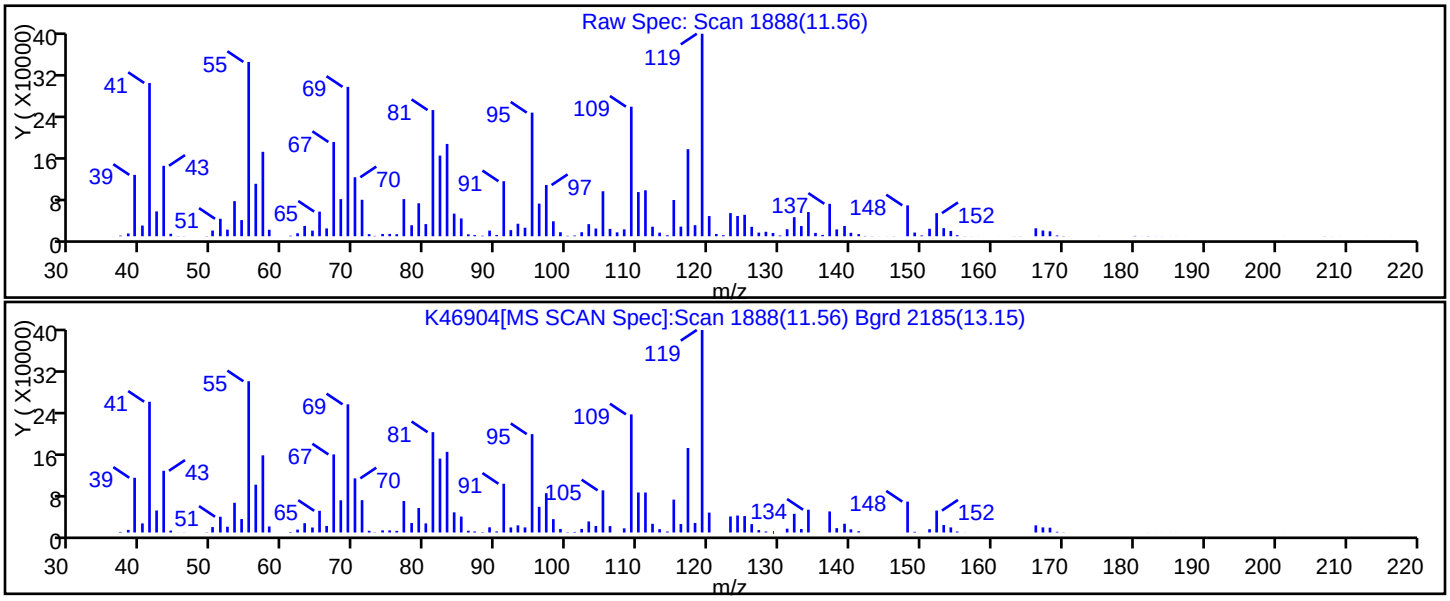
Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

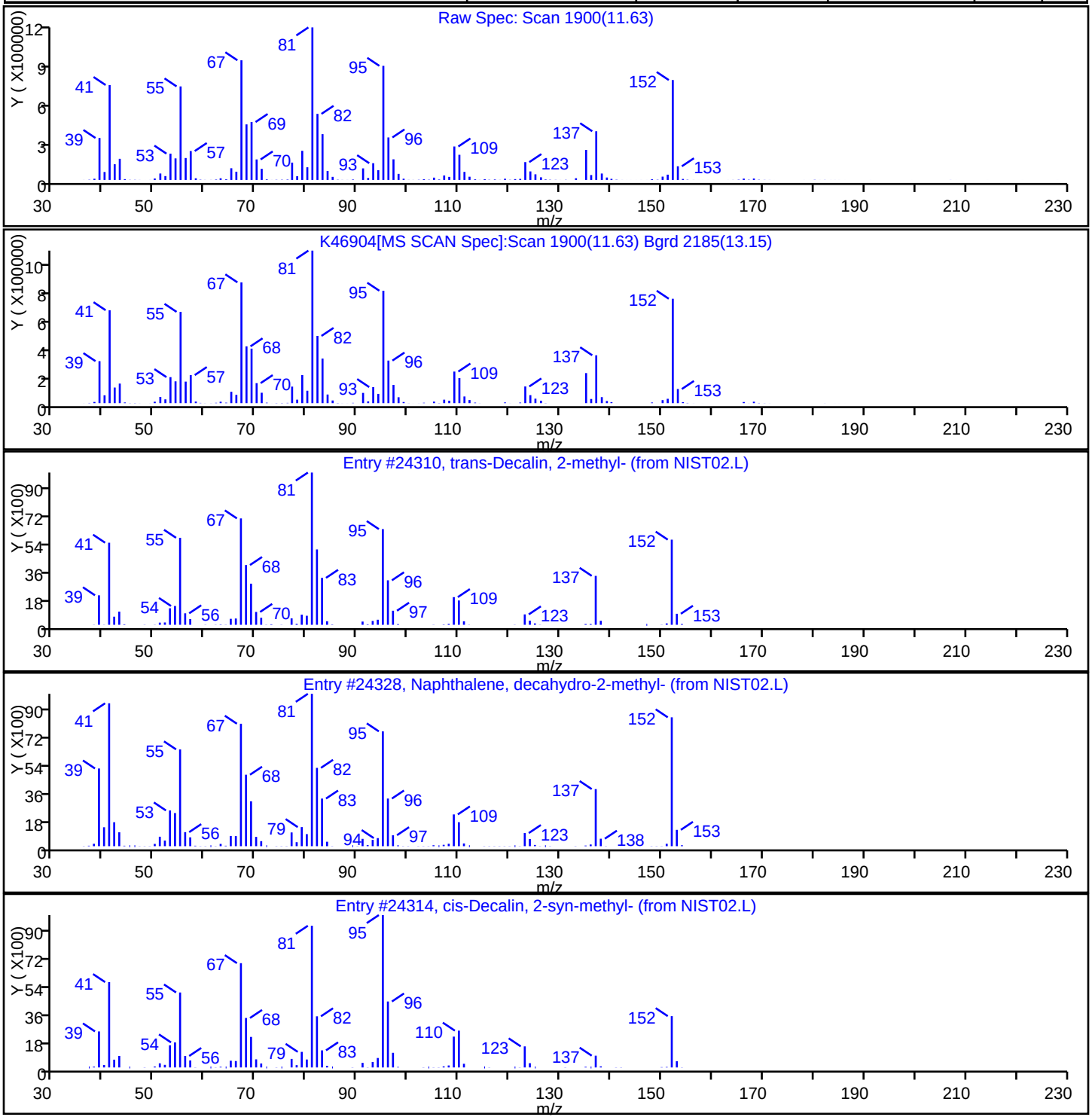
No Library Matches Found above the Threshold: 85



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D
Injection Date: 10-Nov-2015 19:39:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-B-35-A Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

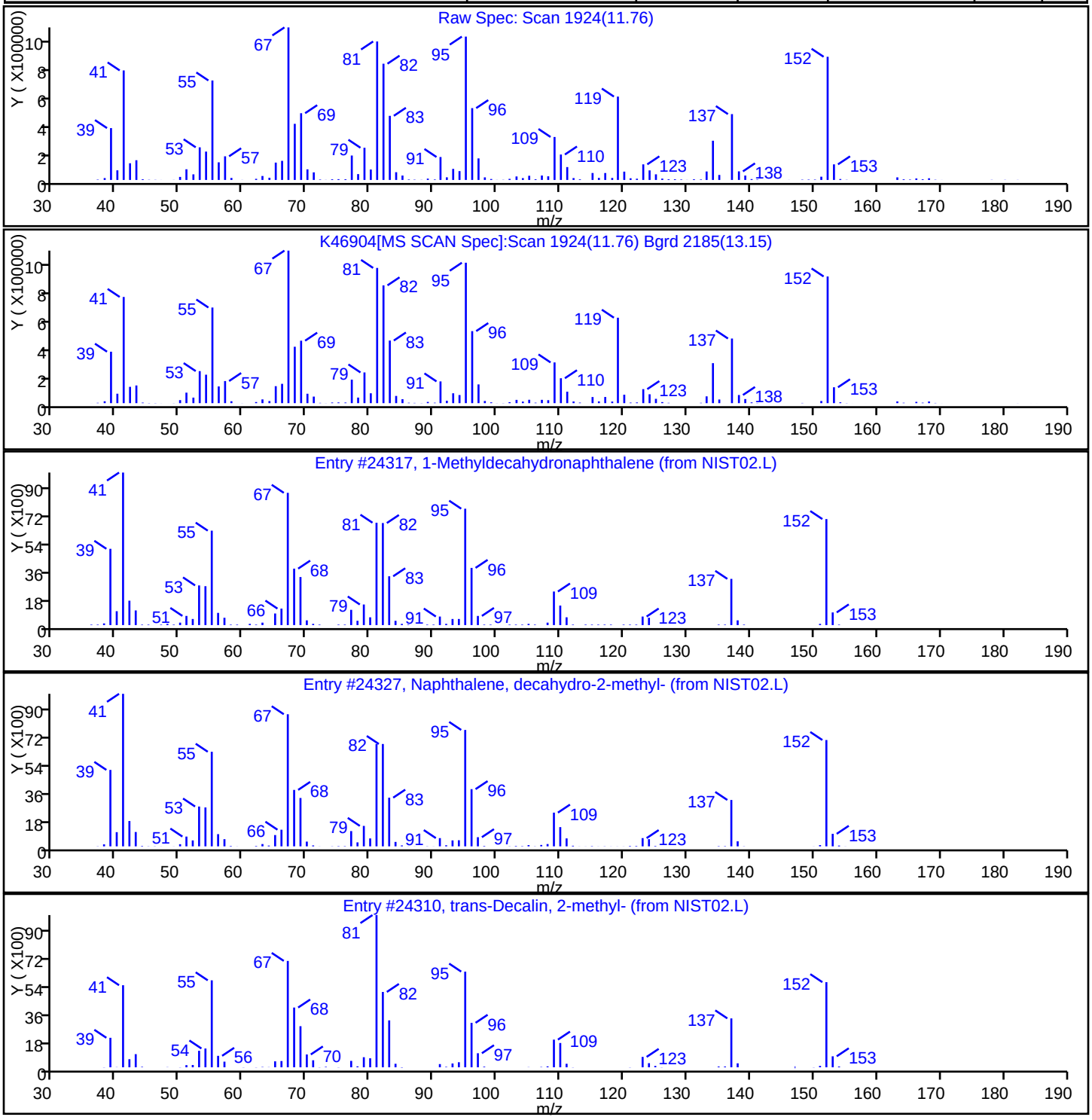
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24328	C11H20	152	97
cis-Decalin, 2-syn-methyl-	1000155-85-6	NIST02.L	24314	C11H20	152	93



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D
Injection Date: 10-Nov-2015 19:39:30 Instrument ID: CVOAMS9
Lims ID: 460-104096-B-35-A Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Methyldecahydronaphthalene	2958-75-0	NIST02.L	24317	C11H20	152	98
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.L	24327	C11H20	152	98
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.L	24310	C11H20	152	89



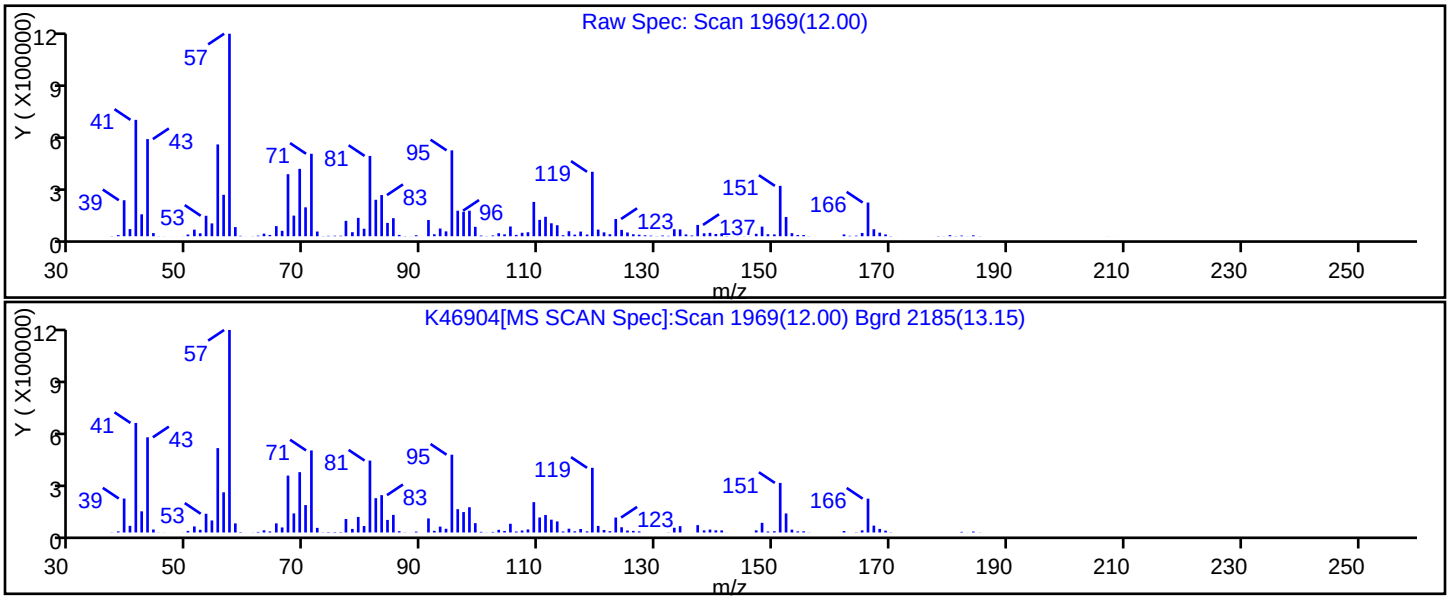
Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



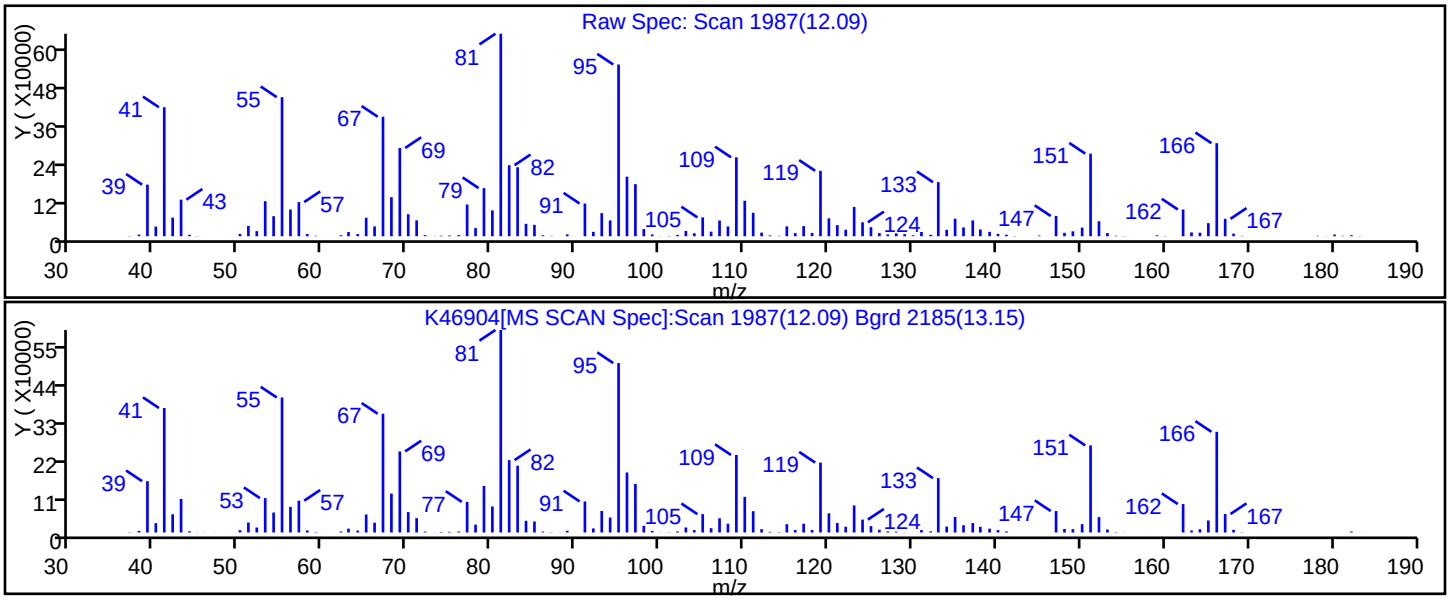
Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35
Client ID:	PRA-2 NW-3.75		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:		Detector	MS SCAN

No Library Matches Found above the Threshold: 85

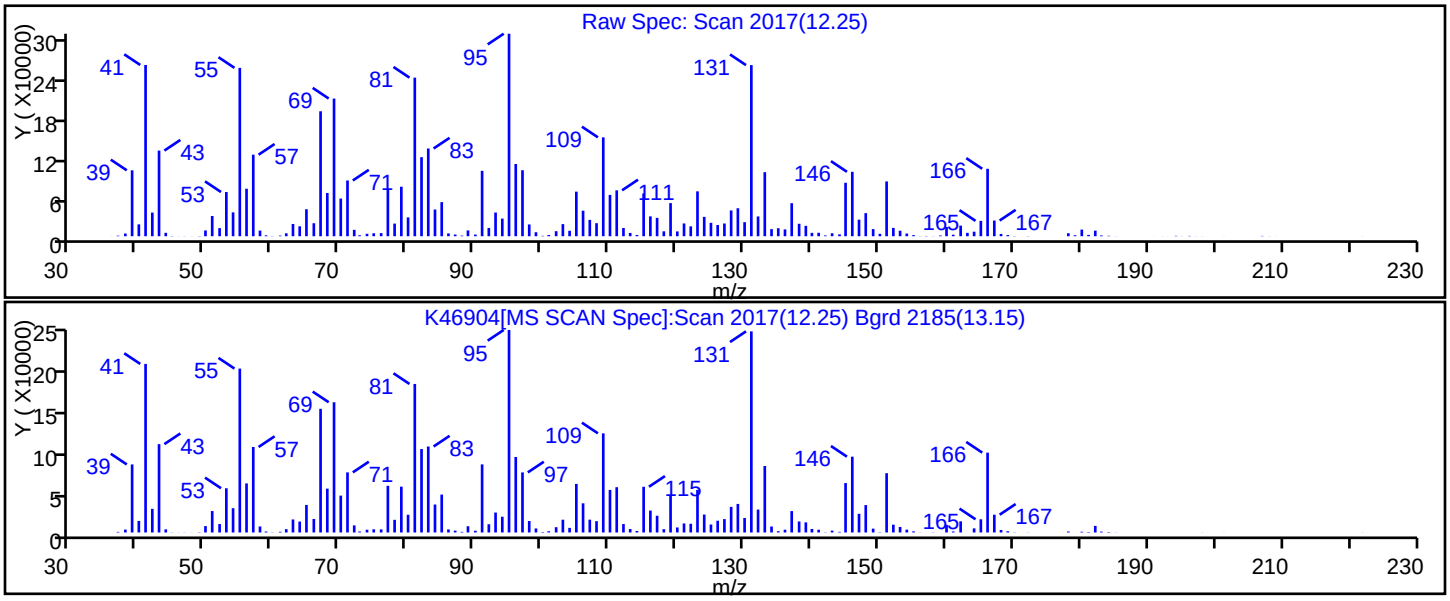


Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D				
Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



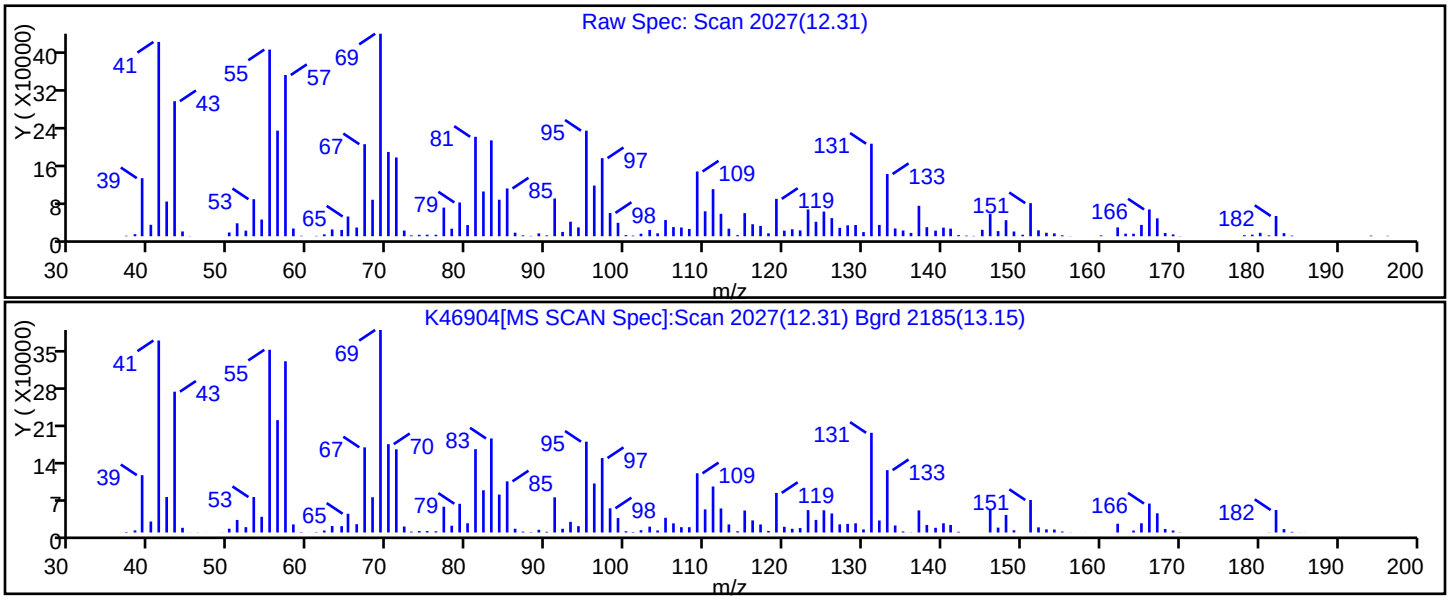
Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



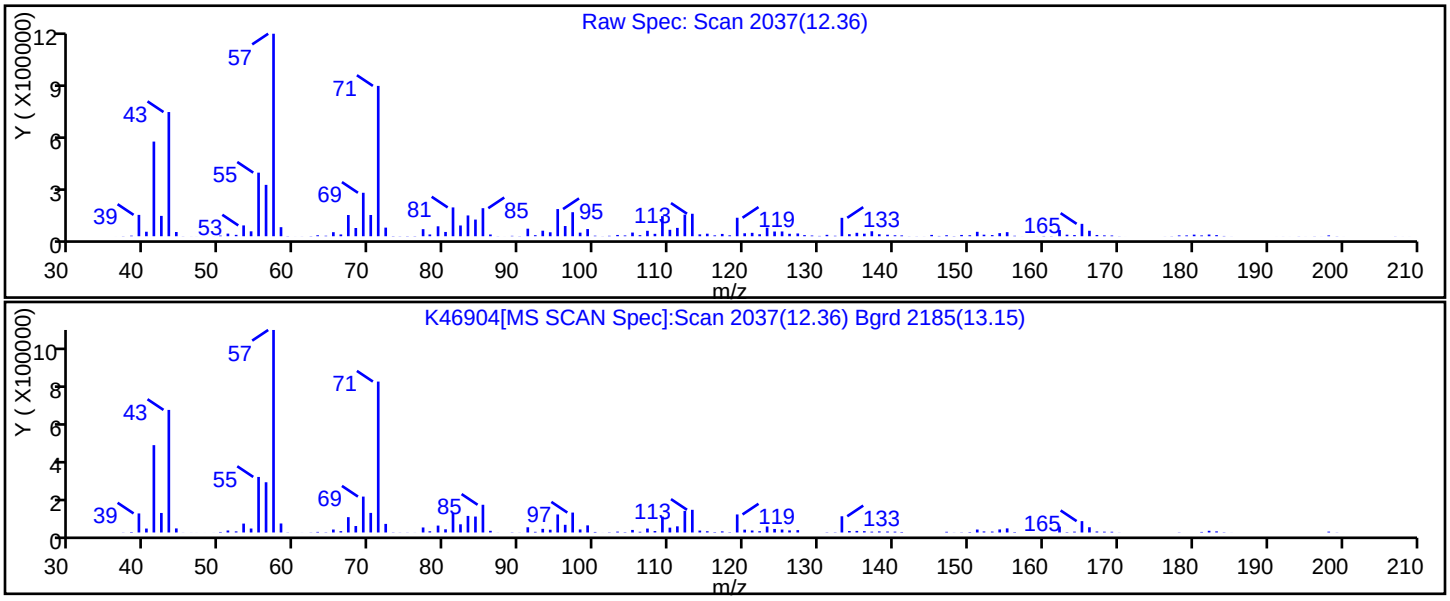
Report Date: 11-Nov-2015 12:46:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46904.D

Injection Date:	10-Nov-2015 19:39:30	Instrument ID:	CVOAMS9		
Lims ID:	460-104096-B-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 85



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: O03993.D

Analysis Method: 8260C | Date Collected: 11/05/2015 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 00:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.22	U	1.0	0.22
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
75-00-3	Chloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
67-66-3	Chloroform	0.22	U	1.0	0.22
78-93-3	2-Butanone	2.2	U	5.0	2.2
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
71-43-2	Benzene	0.090	U	1.0	0.090
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.17	U	1.0	0.17
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.26	U	1.0	0.26
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
76-13-1	Freon TF	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.58	U	5.0	0.58
123-91-1	1,4-Dioxane	8.7	U	50	8.7
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: O03993.D

Analysis Method: 8260C | Date Collected: 11/05/2015 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 00:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.30	U	1.0	0.30
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-137
2037-26-5	Toluene-d8 (Surr)	98		74-120
460-00-4	Bromofluorobenzene	103		70-131
1868-53-7	Dibromofluoromethane (Surr)	96		72-136

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: O03993.D

Analysis Method: 8260C | Date Collected: 11/05/2015 16:30

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 00:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | 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: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03993.D
Lims ID: 460-104096-A-37 Lab Sample ID: 460-104096-37
Client ID: FB_20151105
Sample Type: Client
Inject. Date: 11-Nov-2015 00:22:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-A-37
Misc. Info.: 460-0034068-010
Operator ID: Instrument ID: CVOAMS12

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 16:27:28 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: delpolitov Date: 11-Nov-2015 16:27:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.208	2.214	-0.006	97	355449	1000.0	
* 52 2-Butanone-d5	46	3.090	3.096	-0.006	0	348810	250.0	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	96	116875	48.1	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.838	3.839	-0.001	97	157257	49.5	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	462484	50.0	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	94	38743	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.943	5.944	-0.001	99	503366	49.0	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	382213	50.0	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	89	153496	51.4	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.000	97	204116	50.0	

Reagents:

8260ISNEW_00036 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00095 Amount Added: 1.00 Units: uL Run Reagent

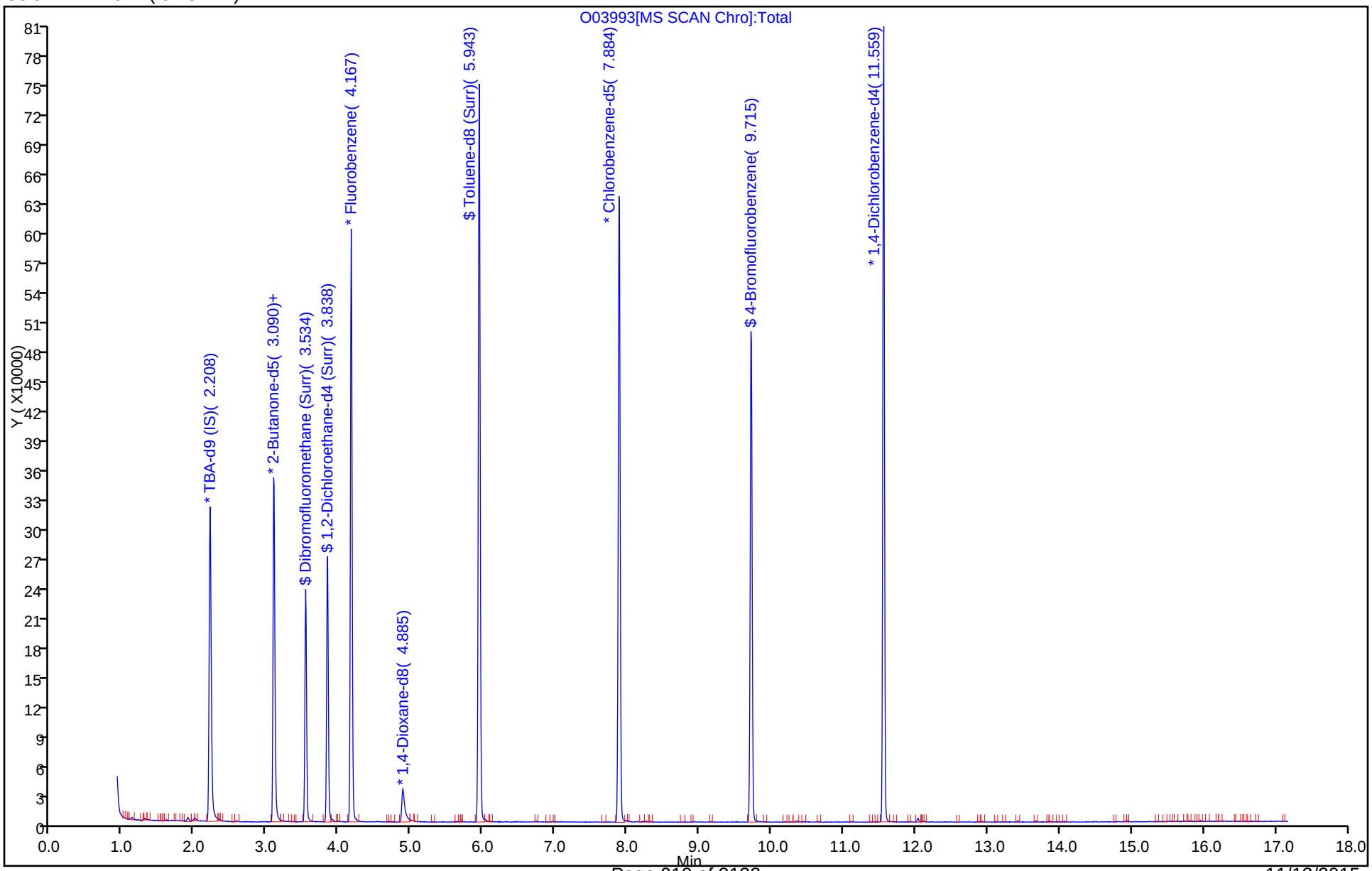
Report Date: 11-Nov-2015 16:27:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03993.D

Injection Date:	11-Nov-2015 00:22:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-104096-A-37	Lab Sample ID:	460-104096-37	Worklist Smp#:	10
Client ID:	FB_20151105				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-104096-38

Matrix: Solid | Lab File ID: K46888.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 12:39

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	20		5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U *	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-104096-38

Matrix: Solid | Lab File ID: K46888.D

Analysis Method: 8260C | Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(g) | Date Analyzed: 11/10/2015 12:39

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U *	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-135
2037-26-5	Toluene-d8 (Surr)	91		73-121
460-00-4	Bromofluorobenzene	91		67-126
1868-53-7	Dibromofluoromethane (Surr)	101		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-104096-38

Matrix: Solid Lab File ID: K46888.D

Analysis Method: 8260C Date Collected: 11/05/2015 00:00

Sample wt/vol: 5(g) Date Analyzed: 11/10/2015 12:39

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.: 334331 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46888.D
Lims ID: 460-104096-C-38-A Lab Sample ID: 460-104096-38
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 10-Nov-2015 12:39:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-104096-C-38-A
Misc. Info.: 460-0034050-008
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 17:27:25 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 10-Nov-2015 17:27:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.939	2.939	0.000	85	23729	20.4	
* 26 TBA-d9 (IS)	65	3.292	3.298	-0.006	99	256561	1000.0	
* 39 2-Butanone-d5	46	4.378	4.384	-0.006	99	216585	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	118389	50.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.224	5.223	0.001	96	121860	48.4	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	387965	50.0	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	98	18761	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.182	7.187	-0.005	99	354245	45.6	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	262881	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	93	116289	45.6	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	97	138670	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

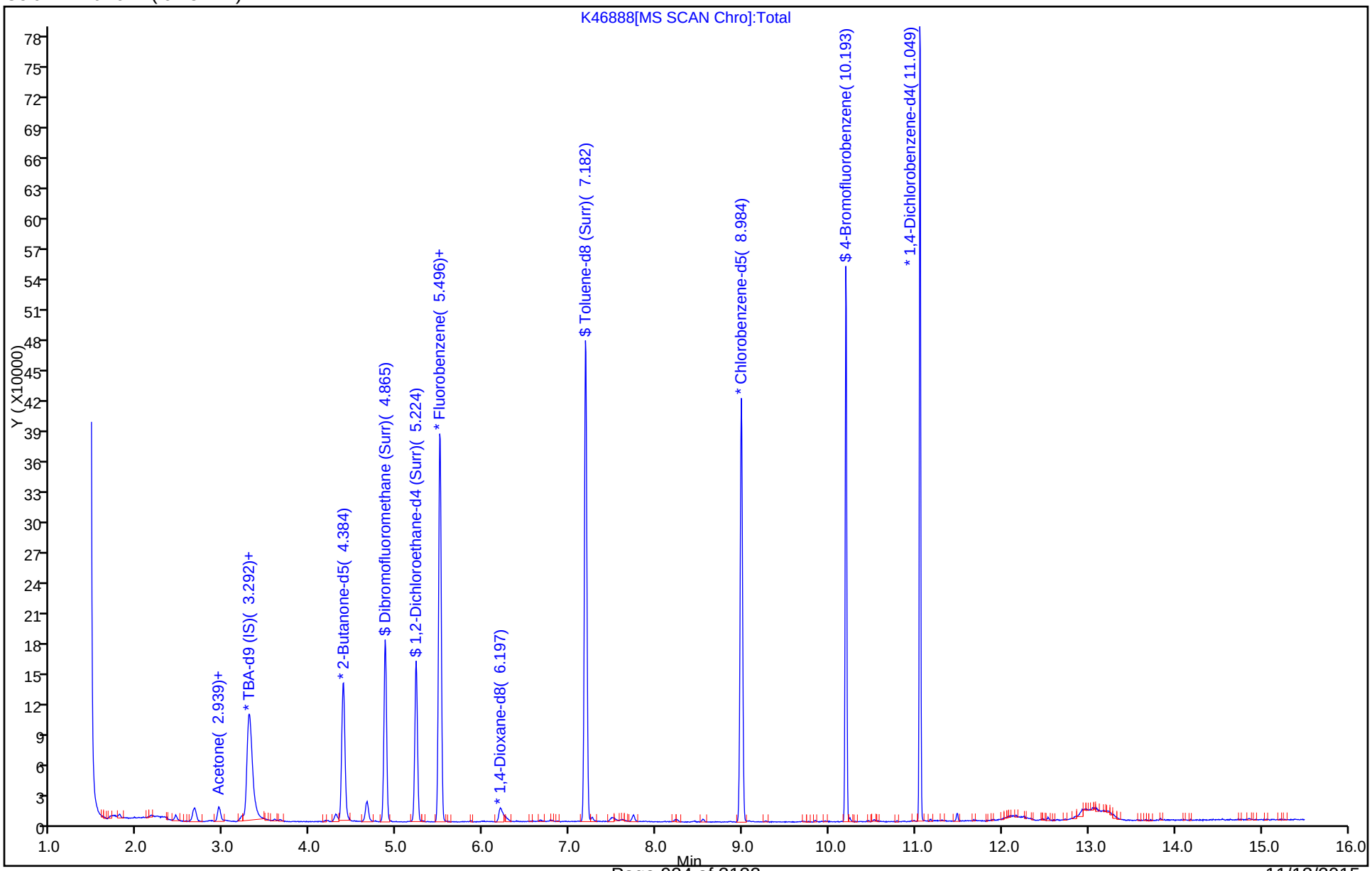
Report Date: 10-Nov-2015 17:27:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46888.D

Injection Date:	10-Nov-2015 12:39:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	460-104096-C-38-A	Lab Sample ID:	460-104096-38	Worklist Smp#:	8
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

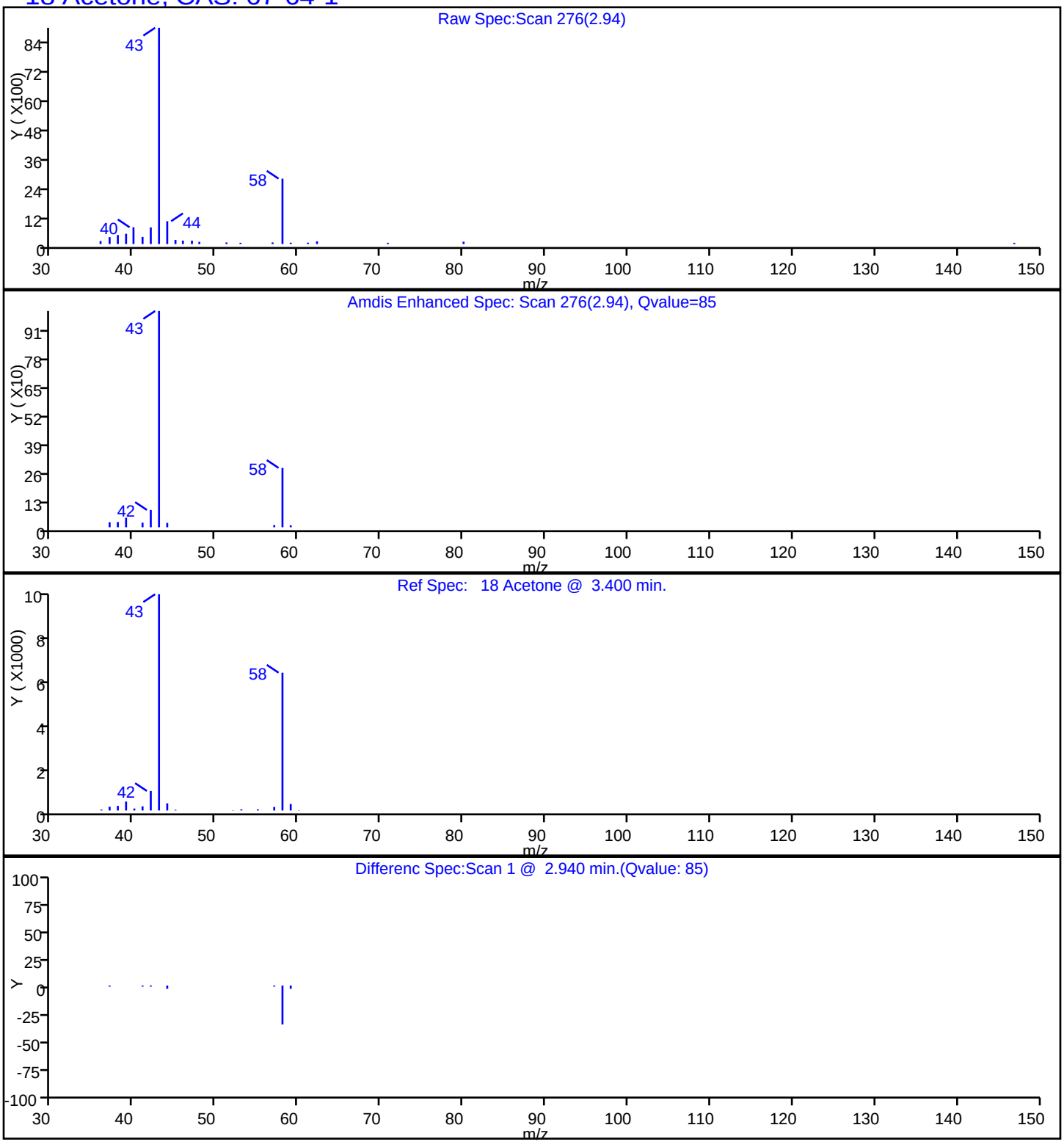
Column: Rtx-624 (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46888.D		
Injection Date:	10-Nov-2015 12:39:30	Instrument ID:	CVOAMS9
Lims ID:	460-104096-C-38-A	Lab Sample ID:	460-104096-38
Client ID:	Trip Blank		
Operator ID:		ALS Bottle#:	7 Worklist Smp#: 8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

18 Acetone, CAS: 67-64-1



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-334105/3	O03940.D
Level 2	STD1 460-334105/17	O03954.D
Level 3	STD5 460-334105/16	O03953.D
Level 4	STD20 460-334105/6	O03943.D
Level 5	STD50 460-334105/7	O03944.D
Level 6	STD200 460-334105/8	O03945.D
Level 7	STD500 460-334105/9	O03946.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								
Chlorotrifluoroethene	+++++ 0.0579	0.0406 0.0601	0.0425	0.0419	0.0493	Ave		0.0487				17.6		20.0			
Dichlorodifluoromethane	+++++ 0.4465	0.3564 0.4469	0.4338	0.3505	0.4065	Ave		0.4068			0.1000	10.8		20.0			
Chloromethane	+++++ 0.3713	0.4011 0.4283	0.3625	0.3451	0.3650	Ave		0.3789			0.1000	8.0		20.0			
Vinyl chloride	+++++ 0.4014	0.4515 0.4530	0.4404	0.3452	0.3737	Ave		0.4109			0.1000	10.9		20.0			
Butadiene	+++++ 0.3814	0.3093 0.4128	0.3852	0.2893	0.3244	Ave		0.3504				14.1		20.0			
Bromomethane	+++++ 1.1727	1.0427 1.3352	1.0278	0.8699	1.0446	Ave		1.0822			0.1000	14.5		20.0			
Chloroethane	+++++ 0.2531	0.2514 0.2597	0.2599	0.2474	0.2677	Ave		0.2565			0.1000	2.8		20.0			
Dichlorofluoromethane	+++++ 0.5766	0.6631 0.6361	0.6235	0.5855	0.5896	Ave		0.6124				5.6		20.0			
Trichlorofluoromethane	+++++ 0.4423	0.3835 0.4798	0.4605	0.3786	0.4068	Ave		0.4252			0.1000	9.8		20.0			
Pentane	+++++ 0.0636	0.0570 0.0686	0.0435	0.0512	0.0489	Ave		0.0555				17.0		20.0			
Ethanol	+++++ 0.0610	0.0891 0.0618	0.0693	0.0662	0.0672	Ave		0.0691				14.9		20.0			
Ethyl ether	+++++ 0.2916	0.2955 0.3194	0.3025	0.2812	0.2898	Ave		0.2967				4.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.8563	0.7547 0.7965	0.6575	0.7029	0.7074	Ave		0.7459				9.7		20.0			
2-Methyl-1,3-butadiene	+++++ 0.8563	0.7547 0.7965	0.6575	0.7029	0.7074	Ave		0.7459				9.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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								
Acrolein	+++++ 2.4815	1.8792 2.3965	1.9482	2.2746	2.0793	Ave		2.1766				11.3		20.0			
1,1-Dichloroethene	+++++ 0.2351	0.2548 0.2911	0.2375	0.2345	0.2364	Ave		0.2482			0.1000	9.0		20.0			
Freon TF	+++++ 0.2769	0.1739 0.3108	0.1201	0.2128	0.2134	QuaF		0.2466	0.0001289		0.1000				1.0000		0.9900
Acetone	+++++ 0.2354	0.3141 0.2900	0.3314	0.2692	0.2496	Ave		0.2816			0.0500	13.2		20.0			
Iodomethane	+++++ 0.2217	0.2474 0.2321	0.1724	0.1581	0.2039	Ave		0.2059				16.9		20.0			
Isopropyl alcohol	+++++ 0.6342	0.7742 0.6428	0.7416	0.7083	0.7091	Ave		0.7017				7.8		20.0			
Carbon disulfide	+++++ 0.5979	0.8889 0.6715	0.8307	0.7108	0.7314	Ave		0.7385			0.1000	14.4		20.0			
Acetonitrile	+++++ 2.7368	2.2643 2.3781	2.4868	2.8953	3.1898	Ave		2.6585				13.1		20.0			
Allyl chloride	+++++ 0.3981	0.2399 0.3163	0.2076	0.2051	0.2443	QuaF		0.4200	-0.000205						0.9950		0.9900
Methyl acetate	+++++ 2.2772	1.7320 2.3173	2.0302	2.3019	2.5049	Ave		2.1939			0.1000	12.4		20.0			
Cyclopentene	+++++ 0.7891	0.7559 0.8603	0.6574	0.6735	0.6682	Ave		0.7341				11.1		20.0			
Methylene Chloride	+++++ 0.2868	0.2919 0.3184	0.3201	0.2924	0.3010	Ave		0.3018			0.1000	4.7		20.0			
2-Methyl-2-propanol	+++++ 1.0160	1.3608 0.9685	1.1586	1.0314	1.0575	Ave		1.0988				13.0		20.0			
Acrylonitrile	0.1185 0.1287	0.1218 0.1321	0.1445	0.1190	0.1240	Ave		0.1269				7.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.3103	0.2923 0.3179	0.2922	0.2683	0.2794	Ave		0.2934			0.1000	6.3		20.0			
MTBE	+++++ 0.9405	0.8546 0.9540	0.9952	0.8953	0.9450	Ave		0.9308			0.1000	5.3		20.0			
Hexane	+++++ 0.3946	0.2879 0.4059	0.1387	0.3352	0.3160	QuaF		0.3755	0.0000616						1.0000		0.9900
1,1-Dichloroethane	+++++ 0.5351	0.5127 0.5542	0.5568	0.5114	0.5320	Ave		0.5337			0.2000	3.6		20.0			
Vinyl acetate	+++++ 0.0457	0.0427 0.0458	0.0494	0.0439	0.0479	Ave		0.0459				5.4		20.0			
Isopropyl ether	+++++ 1.0615	1.0028 1.0830	1.0565	1.0027	1.0292	Ave		1.0393				3.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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-Chloro-1,3-butadiene	+++++ 0.3062	0.2765 0.3210	0.2743	0.2593	0.2613	Ave		0.2831				8.8		20.0			
Tert-butyl ethyl ether	+++++ 0.9667	0.9511 0.9629	1.0120	0.9533	0.9790	Ave		0.9708				2.3		20.0			
cis-1,2-Dichloroethene	+++++ 0.3230	0.3126 0.3332	0.3448	0.3057	0.3188	Ave		0.3230			0.1000	4.4		20.0			
2,2-Dichloropropane	+++++ 0.0997	0.0875 0.1041	0.0905	0.0854	0.0898	Ave		0.0928				7.9		20.0			
2-Butanone	+++++ 0.3267	0.3106 0.3281	0.3617	0.3169	0.3306	Ave		0.3291			0.0500	5.4		20.0			
Propionitrile	+++++ 1.7298	1.3713 1.6052	1.5626	1.6928	1.8136	Ave		1.6292				9.5		20.0			
Ethyl acetate	+++++ 0.2121	0.1860 0.2162	0.2133	0.2066	0.2226	Ave		0.2095				6.0		20.0			
Methyl acrylate	+++++ 0.3387	0.3578 0.4034	0.3949	0.3376	0.3366	Ave		0.3615				8.4		20.0			
Methacrylonitrile	+++++ 0.1551	0.1567 0.1434	0.1758	0.1506	0.1529	Ave		0.1558				7.0		20.0			
Bromochloromethane	+++++ 0.1351	0.1230 0.1358	0.1514	0.1443	0.1534	Ave		0.1405				8.2		20.0			
Tetrahydrofuran	+++++ 0.8011	0.7317 0.7611	0.8203	0.7843	0.8366	Ave		0.7892				4.9		20.0			
Chloroform	+++++ 0.4943	0.4503 0.4921	0.5096	0.4730	0.4960	Ave		0.4859			0.2000	4.3		20.0			
1,1,1-Trichloroethane	+++++ 0.4093	0.3562 0.4154	0.3640	0.3540	0.3699	Ave		0.3781			0.1000	7.2		20.0			
Cyclohexane	+++++ 0.5134	0.3212 0.5144	0.2126	0.4238	0.4098	QuaF		0.4961	0.0000377		0.1000				0.9990		0.9900
1,1-Dichloropropene	+++++ 0.4207	0.3534 0.4371	0.3548	0.3614	0.3663	Ave		0.3823				9.6		20.0			
Carbon tetrachloride	+++++ 0.3490	0.2443 0.3672	0.2362	0.2756	0.2872	Ave		0.2933			0.1000	18.4		20.0			
Isobutyl alcohol	+++++ 0.4769	0.3088 0.4592	0.3970	0.4228	0.4764	Ave		0.4235				15.2		20.0			
Benzene	+++++ 1.4901	1.3987 1.4460	1.5213	1.4137	1.4629	Ave		1.4554			0.5000	3.2		20.0			
1,2-Dichloroethane	+++++ 0.4202	0.4461 0.4336	0.4374	0.4122	0.4415	Ave		0.4318			0.1000	3.0		20.0			
2,2,4-Trimethylpentane	+++++ 0.7861	0.7097 0.7741	0.5408	0.6363	0.6665	Ave		0.6856				13.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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	+++++ 1.0983	1.0768 1.1011	1.1357	1.0547	1.0730	Ave		1.0899				2.6		20.0			
Tert-amyl methyl ether	+++++ 0.9067	0.8970 0.8997	0.9720	0.8928	0.9231	Ave		0.9152				3.3		20.0			
n-Heptane	+++++ 0.3250	0.2644 0.3233	0.1107	0.2851	0.2581	QuaF		0.3156	0.0000161						0.9990		0.9900
n-Butanol	+++++ 0.3219	0.2098 0.3085	0.2625	0.2806	0.3188	Ave		0.2837				15.1		20.0			
Trichloroethene	+++++ 0.2933	0.2758 0.3062	0.2890	0.2710	0.2754	Ave		0.2851			0.2000	4.7		20.0			
Ethyl acrylate	+++++ 0.4283	0.4162 0.4288	0.4899	0.4039	0.4395	Ave		0.4344				6.9		20.0			
Methylcyclohexane	+++++ 0.4652	0.2639 0.4640	0.1684	0.3966	0.3731	QuaF		0.4512	0.0000266		0.1000				0.9990		0.9900
1,2-Dichloropropane	+++++ 0.3131	0.2749 0.3205	0.3261	0.3084	0.3157	Ave		0.3098			0.1000	5.9		20.0			
Dibromomethane	+++++ 0.1817	0.1582 0.1846	0.1940	0.1772	0.1865	Ave		0.1804				6.8		20.0			
1,4-Dioxane	+++++ 1.0532	1.0957 0.9451	1.1992	1.2180	1.1984	Ave		1.1183				9.6		20.0			
Methyl methacrylate	+++++ 0.0921	0.0886 0.0925	0.1005	0.0905	0.0925	Ave		0.0928				4.4		20.0			
n-Propyl acetate	+++++ 0.4600	0.5211 0.4526	0.5510	0.4642	0.4722	Ave		0.4869				8.2		20.0			
Bromodichloromethane	+++++ 0.3753	0.2960 0.3815	0.3584	0.3445	0.3758	Ave		0.3553			0.2000	9.0		20.0			
2-Nitropropane	+++++ 0.0893	0.0775 0.0922	0.0813	0.0714	0.0829	Ave		0.0824				9.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2162	0.2193 0.2176	0.2285	0.2146	0.2249	Ave		0.2202				2.5		20.0			
Epichlorohydrin	0.1887 0.2521	0.1767 0.2607	0.2361	0.2466	0.2666	Ave		0.2325				15.3		20.0			
cis-1,3-Dichloropropene	+++++ 0.6200	0.5256 0.6246	0.5991	0.5741	0.6243	Ave		0.5946			0.2000	6.6		20.0			
4-Methyl-2-pentanone	+++++ 2.3582	1.8320 2.2116	2.3873	2.3495	2.5122	Ave		2.2751			0.0500	10.4		20.0			
Toluene	+++++ 1.5175	1.4647 1.4424	1.5290	1.4509	1.4671	Ave		1.4786			0.4000	2.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5669	0.4496 0.5799	0.5104	0.5113	0.5633	Ave		0.5302			0.1000	9.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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	+++++ 0.4966	0.4004 0.5105	0.5226	0.4703	0.5033	Ave		0.4839				9.2		20.0			
1,1,2-Trichloroethane	+++++ 0.2787	0.2515 0.2865	0.2905	0.2724	0.2892	Ave		0.2781			0.1000	5.3		20.0			
Tetrachloroethene	+++++ 0.3448	0.3073 0.3522	0.2921	0.3066	0.3047	Ave		0.3180			0.2000	7.7		20.0			
1,3-Dichloropropane	+++++ 0.5758	0.5083 0.5789	0.6184	0.5717	0.6069	Ave		0.5767				6.6		20.0			
2-Hexanone	+++++ 1.6397	1.3410 1.5850	1.7539	1.6495	1.7069	Ave		1.6127			0.0500	9.0		20.0			
Dibromochloromethane	+++++ 0.3433	0.2742 0.3589	0.3057	0.2942	0.3349	Ave		0.3185			0.1000	10.2		20.0			
n-Butyl acetate	+++++ 0.4613	0.4663 0.4612	0.5274	0.4496	0.4596	Ave		0.4709				6.0		20.0			
1,2-Dibromoethane	+++++ 0.3309	0.3088 0.3333	0.3506	0.3289	0.3424	Ave		0.3325			0.1000	4.3		20.0			
Chlorobenzene	+++++ 0.9307	0.8602 0.9338	0.9667	0.9093	0.9268	Ave		0.9213			0.5000	3.8		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3227	0.2410 0.3357	0.2840	0.2861	0.3120	Ave		0.2969				11.5		20.0			
Ethylbenzene	+++++ 0.5031	0.4370 0.5148	0.4672	0.4602	0.4671	Ave		0.4749			0.1000	6.1		20.0			
m-Xylene & p-Xylene	+++++ 0.6157	0.5439 0.6313	0.5836	0.5708	0.5754	Ave		0.5868			0.1000	5.4		20.0			
o-Xylene	+++++ 0.6236	0.5157 0.6378	0.5871	0.5785	0.5837	Ave		0.5878			0.3000	7.3		20.0			
Styrene	+++++ 1.0868	0.8691 1.0722	1.0230	0.9875	1.0322	Ave		1.0118			0.3000	7.8		20.0			
n-Butyl acrylate	+++++ 0.3117	0.2136 0.3279	0.2877	0.2703	0.2936	Ave		0.2841				14.0		20.0			
Bromoform	+++++ 0.2256	0.1821 0.2385	0.2024	0.1762	0.2065	Ave		0.2052			0.1000	11.7		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2693	1.0815 1.2819	1.3502	1.2243	1.2591	Ave		1.2444				7.2		20.0			
Isopropylbenzene	+++++ 1.5027	1.2189 1.4629	1.3170	1.3746	1.3513	Ave		1.3712			0.1000	7.5		20.0			
Bromobenzene	+++++ 0.7259	0.6855 0.7569	0.7380	0.6872	0.7266	Ave		0.7200				3.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7984	0.7605 0.8137	0.9125	0.7799	0.8283	Ave		0.8156			0.3000	6.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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								
1,2,3-Trichloropropane	+++++ 0.2239	0.2101 0.2311	0.2718	0.2191	0.2323	Ave		0.2314				9.3		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2570	0.2266 0.2692	0.2572	0.2243	0.2490	Ave		0.2472				7.3		20.0			
N-Propylbenzene	+++++ 3.2946	2.8332 3.1963	2.9907	3.0868	3.0313	Ave		3.0722				5.3		20.0			
2-Chlorotoluene	+++++ 1.9819	1.7874 1.9895	2.0028	1.8989	1.9153	Ave		1.9293				4.2		20.0			
4-Ethyltoluene	+++++ 2.8348	2.8163 2.7762	2.8197	2.6669	2.6259	Ave		2.7566				3.2		20.0			
4-Chlorotoluene	+++++ 2.1507	2.0045 2.1590	2.1728	2.0515	2.1002	Ave		2.1064				3.2		20.0			
1,3,5-Trimethylbenzene	+++++ 2.3436	1.9595 2.3266	2.1588	2.1736	2.1584	Ave		2.1868				6.4		20.0			
Butyl Methacrylate	+++++ 0.9729	0.6237 0.9800	0.8155	0.8551	0.9281	Ave		0.8625				15.5		20.0			
tert-Butylbenzene	+++++ 1.9229	1.5317 1.9294	1.6227	1.7625	1.6900	Ave		1.7432				9.2		20.0			
1,2,4-Trimethylbenzene	+++++ 2.4445	1.9950 2.4052	2.2717	2.2818	2.2860	Ave		2.2807				6.9		20.0			
sec-Butylbenzene	+++++ 2.8458	2.2387 2.7455	2.2322	2.5984	2.4942	Ave		2.5258				10.1		20.0			
1,3-Dichlorobenzene	+++++ 1.3507	1.3521 1.3624	1.3585	1.2865	1.3377	Ave		1.3413			0.6000	2.1		20.0			
1,4-Dichlorobenzene	+++++ 1.4165	1.3736 1.4245	1.4074	1.3124	1.3808	Ave		1.3859			0.5000	3.0		20.0			
4-Isopropyltoluene	+++++ 2.5394	2.0472 2.4839	2.0806	2.2565	2.2107	Ave		2.2697				9.0		20.0			
Benzyl chloride	+++++ 0.3342	0.2308 0.3493	0.2585	0.2579	0.3015	Ave		0.2887				16.3		20.0			
Indan	+++++ 2.6125	2.4497 2.4504	2.6422	2.5747	2.6216	Ave		2.5585				3.4		20.0			
1,2-Dichlorobenzene	+++++ 1.3325	1.2046 1.3267	1.3561	1.2843	1.3326	Ave		1.3061			0.4000	4.2		20.0			
p-Diethylbenzene	+++++ 1.4967	1.3971 1.4709	1.3604	1.3132	1.3306	Ave		1.3948				5.4		20.0			
n-Butylbenzene	+++++ 2.7725	2.3647 2.6586	2.2908	2.4898	2.4564	Ave		2.5055				7.2		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1692	0.1434 0.1757	0.1863	0.1554	0.1652	Ave		0.1659			0.0500	9.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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								
1,2,4,5-Tetramethylbenzene	+++++ 2.2807	2.1307 2.1336	2.2609	2.2829	2.3067	Ave		2.2326				3.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0042	1.1238 1.0020	1.0331	0.9684	0.9745	Ave		1.0177				5.6		20.0			
1,2,4-Trichlorobenzene	+++++ 0.9328	0.9853 0.9445	0.9203	0.8959	0.9269	Ave		0.9343			0.2000	3.2		20.0			
Hexachlorobutadiene	+++++ 0.3445	0.2713 0.3533	0.2532	0.3140	0.2934	Ave		0.3049				13.1		20.0			
Naphthalene	+++++ 2.1458	2.7284 2.0474	2.6059	2.2658	2.3513	Ave		2.3574				11.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.8540	0.9449 0.8798	0.8890	0.8301	0.8671	Ave		0.8775				4.4		20.0			
Dibromofluoromethane (Surr)	0.2531 0.2661	0.2554 0.2638	0.2610	0.2648	0.2732	Ave		0.2625				2.6		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3368 0.3423	0.3450 0.3359	0.3454	0.3467	0.3536	Ave		0.3437				1.8		20.0			
Toluene-d8 (Surr)	1.3095 1.3599	1.3039 1.3314	1.3427	1.3601	1.3972	Ave		1.3435				2.4		20.0			
Bromofluorobenzene	0.3762 0.3989	0.3814 0.3946	0.3894	0.3941	0.4022	Ave		0.3910				2.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-334105/3	O03940.D
Level 2	STD1 460-334105/17	O03954.D
Level 3	STD5 460-334105/16	O03953.D
Level 4	STD20 460-334105/6	O03943.D
Level 5	STD50 460-334105/7	O03944.D
Level 6	STD200 460-334105/8	O03945.D
Level 7	STD500 460-334105/9	O03946.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
Chlorotrifluoroethene	FB	Ave	+++++ 123165	413 340322	2130	8398	23998	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 949863	3625 2529741	21748	70313	197967	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 789729	4080 2424485	18171	69220	177735	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 853860	4593 2564470	22077	69254	182003	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 811390	3146 2336652	19311	58030	157959	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	+++++ 317065	1671 991388	8015	22312	62985	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 538274	2557 1470123	13030	49635	130345	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1226462	6745 3600822	31255	117460	287147	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 940830	3901 2715950	23084	75937	198109	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 270456	1159 777076	4366	20532	47661	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBA	Ave	+++++ 147741	1491 443255	5596	15355	35194	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 620310	3006 1808319	15163	56404	141110	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 1821372	7677 4508602	32961	141005	344493	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 1821372	7677 4508602	32961	141005	344493	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 150335	3143 343814	15740	26385	54436	+++++ 200	4.00 400	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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
1,1-Dichloroethene	FB	Ave	+++++ 500054	2592 1648145	11904	47033	115117	+++++ 200	1.00 500	5.00	20.0	50.0
Freon TF	FB	QuaF	+++++ 588929	1769 1759656	6020	42691	103907	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 318298	2517 1076475	12923	34519	75261	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 471560	2517 1313894	8644	31705	99285	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	Ave	+++++ 384206	3237 1152757	14978	41080	92825	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1271769	9042 3801202	41642	142591	356206	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBA	Ave	+++++ 1658053	9468 4264600	50229	167923	417536	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	QuaF	+++++ 846724	2440 1790336	10409	41148	118983	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBA	Ave	+++++ 689810	3621 2077748	20503	66752	163941	+++++ 1000	5.00 2500	25.0	100	250
Cyclopentene	FB	Ave	+++++ 1678507	7689 4870176	32957	135101	325402	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 610157	2969 1802235	16045	58651	146604	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 615546	5690 1736728	23401	59822	138426	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	2462 2736992	12392 7477456	72451	238644	603786	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 659994	2973 1799344	14647	53820	136055	+++++ 200	1.00 500	5.00	20.0	50.0
MTBE	FB	Ave	+++++ 2000467	8693 5400551	49890	179592	460208	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	QuaF	+++++ 839267	2929 2297691	6954	67232	153890	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1138244	5215 3137459	27910	102592	259103	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 194445	869 518081	4950	17593	46642	+++++ 400	2.00 1000	10.0	40.0	100
Isopropyl ether	FB	Ave	+++++ 2257962	10200 6130458	52961	201141	501209	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 651353	2813 1816869	13750	52011	127251	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 2056348	9675 5450850	50730	191232	476765	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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
cis-1,2-Dichloroethene	FB	Ave	+++++ 687083	3180 1886148	17287	61316	155230	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 212131	890 589026	4537	17126	43750	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 441639	2489 1218228	14103	40635	99668	+++++ 1000	5.00 2500	25.0	100	250
Propionitrile	TBA	Ave	+++++ 1047940	5734 2878583	31562	98181	237402	+++++ 2000	10.0 5000	50.0	200	500
Ethyl acetate	BUT	Ave	+++++ 114680	596 321109	3327	10599	26846	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 720544	3640 2283694	19797	67720	163908	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 3299356	15943 8117032	88128	302140	744623	+++++ 2000	10.0 5000	50.0	200	500
Bromochloromethane	FB	Ave	+++++ 287321	1251 768958	7590	28937	74728	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 433221	2345 1130223	12793	40232	100879	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 1051534	4580 2785858	25547	94886	241562	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 870550	3623 2351638	18245	71005	180128	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	QuaF	+++++ 1091993	3267 2911966	10658	85011	199554	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 894900	3595 2474536	17786	72502	178376	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 742376	2485 2078647	11841	55292	139882	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 722255	3228 2058838	20046	61306	155887	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBZ	Ave	+++++ 2520494	11573 6519554	61767	229045	576884	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 893874	4538 2454316	21926	82693	215019	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 1672105	7219 4382123	27111	127640	324576	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 2336137	10953 6233407	56932	211566	522561	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1928613	9124 5093163	48729	179101	449549	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	QuaF	+++++ 691296	2689 1830286	5548	57182	125682	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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	+++++ 487610	2193 1383113	13253	40692	104318	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 623925	2805 1733087	14487	54365	134121	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 910987	4234 2427190	24559	81022	214031	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	QuaF	+++++ 989442	2684 2626835	8443	79566	181706	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 665953	2796 1814067	16345	61857	153761	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 386547	1609 1044737	9723	35549	90828	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 162916	2356 445552	5053	16735	40333	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 391845	1802 1046742	10074	36310	90136	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 978498	5301 2562004	27622	93127	229941	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 798393	3011 2159338	17969	69105	183035	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 379762	1577 1043355	8154	28644	80705	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 459992	2231 1231956	11456	43047	109517	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	1183 1363336	5664 3871302	36825	126491	321518	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 1048796	4349 2815987	24325	93010	246190	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 3188079	14679 8210602	93079	301302	757364	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 2566779	12119 6503240	62080	235071	578540	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 958991	3720 2614514	20722	82838	222124	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 839927	3313 2301586	21216	76204	198482	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 471489	2081 1291806	11796	44134	114042	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 583173	2543 1588102	11859	49682	120156	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 974045	4206 2610008	25107	92626	239321	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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
2-Hexanone	BUT	Ave	+++++ 2216796	10745 5884332	68384	211536	514575	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBZ	Ave	+++++ 580691	2269 1617973	12410	47660	132058	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 780351	3858 2079585	21414	72840	181256	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 559638	2555 1502951	14235	53284	135019	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1574355	7117 4210391	39249	147332	365486	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 545868	1994 1513602	11532	46351	123028	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 850977	3616 2321257	18968	74561	184194	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1041395	4500 2846197	23693	92488	226898	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1054814	4267 2875825	23838	93733	230186	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1838354	7191 4834321	41533	159997	407069	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 527228	1767 1478426	11679	43789	115769	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 381662	1507 1075375	8219	28555	81446	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 1180508	4788 3098592	29420	108187	270041	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2541856	10085 6595888	53471	222705	532900	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 675147	3035 1829567	16080	60729	155846	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 742567	3367 1967008	19883	68916	177654	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 208239	930 558705	5922	19365	49834	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 239031	1003 650607	5605	19824	53399	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 3064005	12543 7726302	65164	272778	650149	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 1843168	7913 4809221	43639	167800	410792	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2636452	12468 6710826	61438	235667	563200	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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	+++++ 2000176	8874 5218765	47343	181289	450440	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 2179621	8675 5623901	47039	192074	462941	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 904773	2761 2368843	17770	75564	199061	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1788350	6781 4663801	35357	155746	362477	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2273464	8832 5814038	49499	201642	490289	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 2646697	9911 6636534	48638	229615	534953	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1256156	5986 3293349	29600	113687	286914	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1317388	6081 3443321	30666	115978	296158	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 2361706	9063 6004163	45334	199406	474139	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 310821	1022 844236	5633	22791	64661	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 2429704	10845 5923273	57570	227520	562285	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1239253	5333 3207040	29547	113488	285809	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 1391977	6185 3555563	29642	116049	285393	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 2578492	10469 6426458	49914	220020	526853	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 157315	635 424805	4059	13736	35441	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 2121098	9433 5157463	49262	201737	494730	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 933897	4975 2422032	22511	85580	209015	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 867500	4362 2283112	20053	79171	198809	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 320377	1201 853932	5516	27744	62930	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 1995634	12079 4949053	56780	200222	504294	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 794231	4183 2126585	19370	73358	185972	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334105

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/09/2015 14:17 Calibration End Date: 11/09/2015 21:40 Calibration ID: 53189

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	131435 141514	129874 149347	130821	132803	133038	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	174938 182036	175456 190166	173163	173848	172208	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	547211 575071	539412 600287	545155	550899	550997	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	157214 168702	157775 177930	158086	159650	158626	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03940.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 09-Nov-2015 14:17:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0034002-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:52:18 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: martineze Date: 10-Nov-2015 08:27:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.202	2.214	-0.012	98	277638	1000.0	1000.0	
37 Acrylonitrile	53	2.336	2.342	-0.006	95	2462	2.00	1.87	
* 52 2-Butanone-d5	46	3.090	3.090	0.000	0	313397	250.0	250.0	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	131435	50.0	48.2	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.832	3.832	0.000	97	174938	50.0	49.0	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	519374	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.879	4.885	-0.006	95	34252	1000.0	1000.0	
82 Epichlorohydrin	57	5.518	5.518	0.000	96	1183	5.00	4.06	
$ 80 Toluene-d8 (Surr)	98	5.943	5.943	0.000	99	547211	50.0	48.7	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	87	417886	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.715	9.721	-0.006	87	157214	50.0	48.1	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.001	97	222758	50.0	50.0	

Reagents:

ACROLEIN W_00044	Amount Added:	0.00	Units: uL	
MIX I Hi_00048	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	0.00	Units: uL	
14DIOXINTER_00046	Amount Added:	0.00	Units: uL	
GAS Hi_00121	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00016	Amount Added:	2.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:52:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03940.D

Injection Date: 09-Nov-2015 14:17:30 Instrument ID: CVOAMS12 Operator ID:

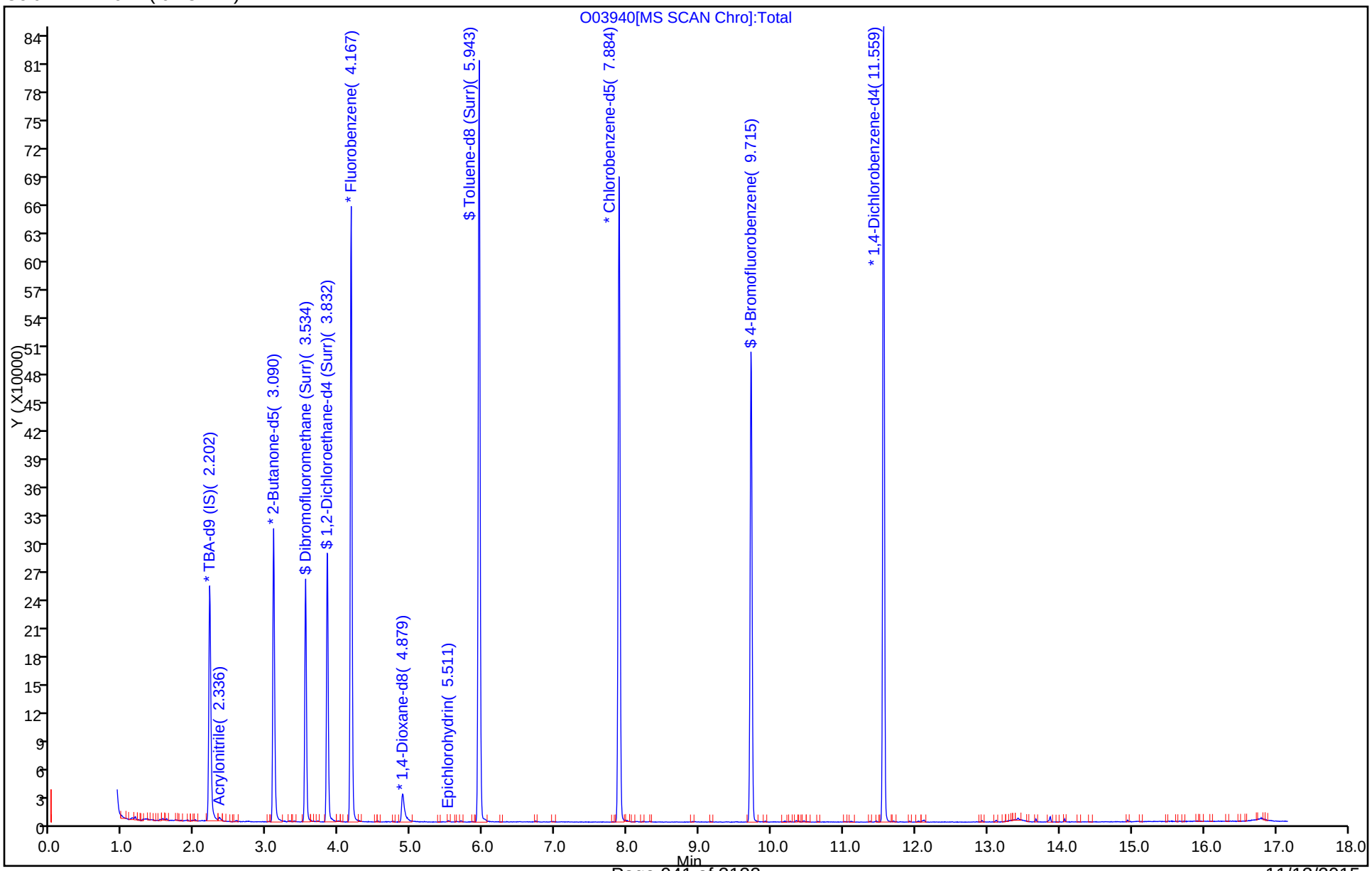
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03943.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 09-Nov-2015 15:39:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0034002-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:51:46 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: kluseys Date: 09-Nov-2015 16:29:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	90	8398	20.0	17.2	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	70313	20.0	17.2	
4 Chloromethane	50	1.131	1.131	0.000	98	69220	20.0	18.2	
3 Vinyl chloride	62	1.150	1.150	0.000	98	69254	20.0	16.8	
5 Butadiene	54	1.168	1.168	0.000	98	58030	20.0	16.5	
7 Bromomethane	94	1.332	1.332	0.000	97	22312	20.0	16.1	
8 Chloroethane	64	1.393	1.393	0.000	100	49635	20.0	19.3	
11 Dichlorofluoromethane	67	1.515	1.515	0.000	98	117460	20.0	19.1	
10 Trichlorofluoromethane	101	1.545	1.545	0.000	99	75937	20.0	17.8	
9 Pentane	72	1.594	1.594	0.000	96	20532	40.0	36.9	
14 Ethanol	46	1.691	1.691	0.000	52	15355	800.0	766.3	
13 Ethyl ether	59	1.727	1.727	0.000	94	56404	20.0	19.0	
12 2-Methyl-1,3-butadiene	67	1.734	1.734	0.000	95	141005	20.0	18.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.734	1.734	0.000	93	141005	20.0	18.8	
21 Acrolein	56	1.800	1.800	0.000	95	26385	40.0	41.8	
16 1,1-Dichloroethene	96	1.861	1.861	0.000	96	47033	20.0	18.9	
18 1,1,2-Trichloro-1,2,2-trif	101	1.867	1.867	0.000	95	42691	20.0	17.1	
25 Acetone	58	1.904	1.904	0.000	86	34519	100.0	95.6	
19 Iodomethane	142	1.959	1.959	0.000	99	31705	20.0	15.3	
23 Isopropyl alcohol	45	2.001	2.001	0.000	37	41080	200.0	201.9	
17 Carbon disulfide	76	2.001	2.001	0.000	100	142591	20.0	19.2	
22 3-Chloro-1-propene	76	2.092	2.092	0.000	89	41148	20.0	9.81	
32 Acetonitrile	41	2.092	2.092	0.000	80	167923	200.0	217.8	
27 Methyl acetate	74	2.111	2.111	0.000	99	66752	100.0	104.9	
20 Cyclopentene	67	2.153	2.153	0.000	95	135101	20.0	18.3	
24 Methylene Chloride	84	2.178	2.178	0.000	95	58651	20.0	19.4	
* 30 TBA-d9 (IS)	65	2.214	2.214	0.000	98	289991	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.269	2.269	0.000	99	59822	200.0	187.7	
37 Acrylonitrile	53	2.342	2.342	0.000	94	238644	200.0	187.4	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	97	53820	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.372	2.372	0.000	97	179592	20.0	19.2	
28 Hexane	57	2.573	2.573	0.000	93	67232	20.0	17.8	
36 1,1-Dichloroethane	63	2.664	2.664	0.000	100	102592	20.0	19.2	
40 Vinyl acetate	86	2.713	2.713	0.000	100	17593	40.0	38.2	
34 Isopropyl ether	45	2.737	2.737	0.000	90	201141	20.0	19.3	
35 2-Chloro-1,3-butadiene	88	2.737	2.737	0.000	91	52011	20.0	18.3	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	191232	20.0	19.6	
* 52 2-Butanone-d5	46	3.090	3.090	0.000	0	320608	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.121	3.121	0.000	93	61316	20.0	18.9	
42 2,2-Dichloropropane	97	3.121	3.121	0.000	72	17126	20.0	18.4	
53 2-Butanone (MEK)	72	3.139	3.139	0.000	100	40635	100.0	96.3	
58 Propionitrile	54	3.188	3.188	0.000	96	98181	200.0	207.8	
47 Ethyl acetate	70	3.200	3.200	0.000	100	10599	40.0	39.5	
48 Methyl acrylate	55	3.224	3.224	0.000	99	67720	20.0	18.7	
59 Methacrylonitrile	67	3.315	3.315	0.000	93	302140	200.0	193.4	
44 Chlorobromomethane	128	3.321	3.321	0.000	93	28937	20.0	20.5	
49 Tetrahydrofuran	42	3.370	3.370	0.000	93	40232	40.0	39.8	
45 Chloroform	83	3.394	3.394	0.000	98	94886	20.0	19.5	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	96	132803	50.0	50.4	
51 1,1,1-Trichloroethane	97	3.553	3.553	0.000	98	71005	20.0	18.7	
43 Cyclohexane	56	3.607	3.607	0.000	92	85011	20.0	17.1	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	72502	20.0	18.9	
46 Carbon tetrachloride	117	3.705	3.705	0.000	75	55292	20.0	18.8	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.832	3.832	0.000	96	173848	50.0	50.4	
63 Isobutyl alcohol	43	3.851	3.851	0.000	93	61306	500.0	499.2	
56 Benzene	78	3.893	3.893	0.000	96	229045	20.0	19.4	
62 1,2-Dichloroethane	62	3.905	3.905	0.000	97	82693	20.0	19.1	
55 Isooctane	57	3.991	3.991	0.000	98	127640	20.0	18.6	
66 Isopropyl acetate	43	3.997	3.997	0.000	98	211566	20.0	19.4	
61 Tert-amyl methyl ether	73	4.021	4.021	0.000	98	179101	20.0	19.5	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	501498	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	93	57182	20.0	18.0	
70 n-Butanol	56	4.526	4.526	0.000	89	40692	500.0	494.6	
68 Trichloroethene	95	4.538	4.538	0.000	98	54365	20.0	19.0	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	81022	20.0	18.6	
67 Methylcyclohexane	83	4.745	4.745	0.000	95	79566	20.0	17.6	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	93	61857	20.0	19.9	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	59	34348	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	97	35549	20.0	19.7	
76 1,4-Dioxane	88	4.940	4.940	0.000	29	16735	400.0	435.7	
75 Methyl methacrylate	100	4.946	4.946	0.000	90	36310	40.0	39.0	
77 n-Propyl acetate	43	5.025	5.025	0.000	99	93127	20.0	19.1	
72 Dichlorobromomethane	83	5.086	5.086	0.000	99	69105	20.0	19.4	
83 2-Nitropropane	41	5.353	5.353	0.000	99	28644	40.0	34.6	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	96	43047	20.0	19.5	
82 Epichlorohydrin	57	5.518	5.518	0.000	99	126491	400.0	424.2	
79 cis-1,3-Dichloropropene	75	5.615	5.615	0.000	95	93010	20.0	19.3	
85 4-Methyl-2-pentanone (MIBK	43	5.834	5.834	0.000	97	301302	100.0	103.3	
$ 80 Toluene-d8 (Surr)	98	5.943	5.943	0.000	99	550899	50.0	50.6	
81 Toluene	91	6.022	6.022	0.000	93	235071	20.0	19.6	
86 trans-1,3-Dichloropropene	75	6.327	6.327	0.000	98	82838	20.0	19.3	
88 Ethyl methacrylate	69	6.509	6.509	0.000	90	76204	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	94	44134	20.0	19.6	
84 Tetrachloroethene	166	6.728	6.728	0.000	96	49682	20.0	19.3	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	94	92626	20.0	19.8	
93 2-Hexanone	43	6.947	6.947	0.000	96	211536	100.0	102.3	
89 Chlorodibromomethane	129	7.069	7.069	0.000	98	47660	20.0	18.5	
92 n-Butyl acetate	43	7.172	7.172	0.000	98	72840	20.0	19.1	
91 Ethylene Dibromide	107	7.197	7.197	0.000	97	53284	20.0	19.8	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	87	405049	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	93	147332	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	93	46351	20.0	19.3	
96 Ethylbenzene	106	8.133	8.133	0.000	99	74561	20.0	19.4	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	92488	20.0	19.5	
99 o-Xylene	106	8.906	8.906	0.000	94	93733	20.0	19.7	
101 Styrene	104	8.936	8.936	0.000	94	159997	20.0	19.5	
102 n-Butyl acrylate	73	8.985	8.985	0.000	99	43789	20.0	19.0	
100 Bromoform	173	9.162	9.162	0.000	96	28555	20.0	17.2	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.000	91	108187	20.0	19.7	
103 Isopropylbenzene	105	9.514	9.514	0.000	97	222705	20.0	20.0	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	89	159650	50.0	50.4	
107 Bromobenzene	156	9.910	9.910	0.000	97	60729	20.0	19.1	
109 1,1,2,2-Tetrachloroethane	83	10.019	10.019	0.000	98	68916	20.0	19.1	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	98	19365	20.0	18.9	
114 trans-1,4-Dichloro-2-buten	53	10.117	10.117	0.000	87	19824	20.0	18.1	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	272778	20.0	20.1	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	167800	20.0	19.7	
111 4-Ethyltoluene	105	10.384	10.384	0.000	99	235667	20.0	19.3	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	181289	20.0	19.5	
113 1,3,5-Trimethylbenzene	105	10.500	10.500	0.000	92	192074	20.0	19.9	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	75564	20.0	19.8	
116 tert-Butylbenzene	119	11.023	11.023	0.000	94	155746	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	201642	20.0	20.0	
119 sec-Butylbenzene	105	11.370	11.370	0.000	99	229615	20.0	20.6	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	95	113687	20.0	19.2	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.000	96	220921	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	96	115978	20.0	18.9	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	97	199406	20.0	19.9	
125 Benzyl chloride	126	11.796	11.796	0.000	98	22791	20.0	17.9	
124 2,3-Dihydroindene	117	11.917	11.917	0.000	94	227520	20.0	20.1	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	113488	20.0	19.7	
126 p-Diethylbenzene	119	12.094	12.094	0.000	92	116049	20.0	18.8	
127 n-Butylbenzene	91	12.118	12.118	0.000	98	220020	20.0	19.9	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	93	13736	20.0	18.7	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	201737	20.0	20.5	
131 1,3,5-Trichlorobenzene	180	13.116	13.116	0.000	97	85580	20.0	19.0	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	93	79171	20.0	19.2	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	96	27744	20.0	20.6	
135 Naphthalene	128	13.864	13.864	0.000	99	200222	20.0	19.2	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	73358	20.0	18.9	
S 137 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 138 Xylenes, Total	100				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	97.6	

Reagents:

ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
MIX I Hi_00048	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	2.00	Units: uL	
GAS Hi_00121	Amount Added:	2.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:51:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03943.D

Injection Date: 09-Nov-2015 15:39:30 Instrument ID: CVOAMS12 Operator ID:

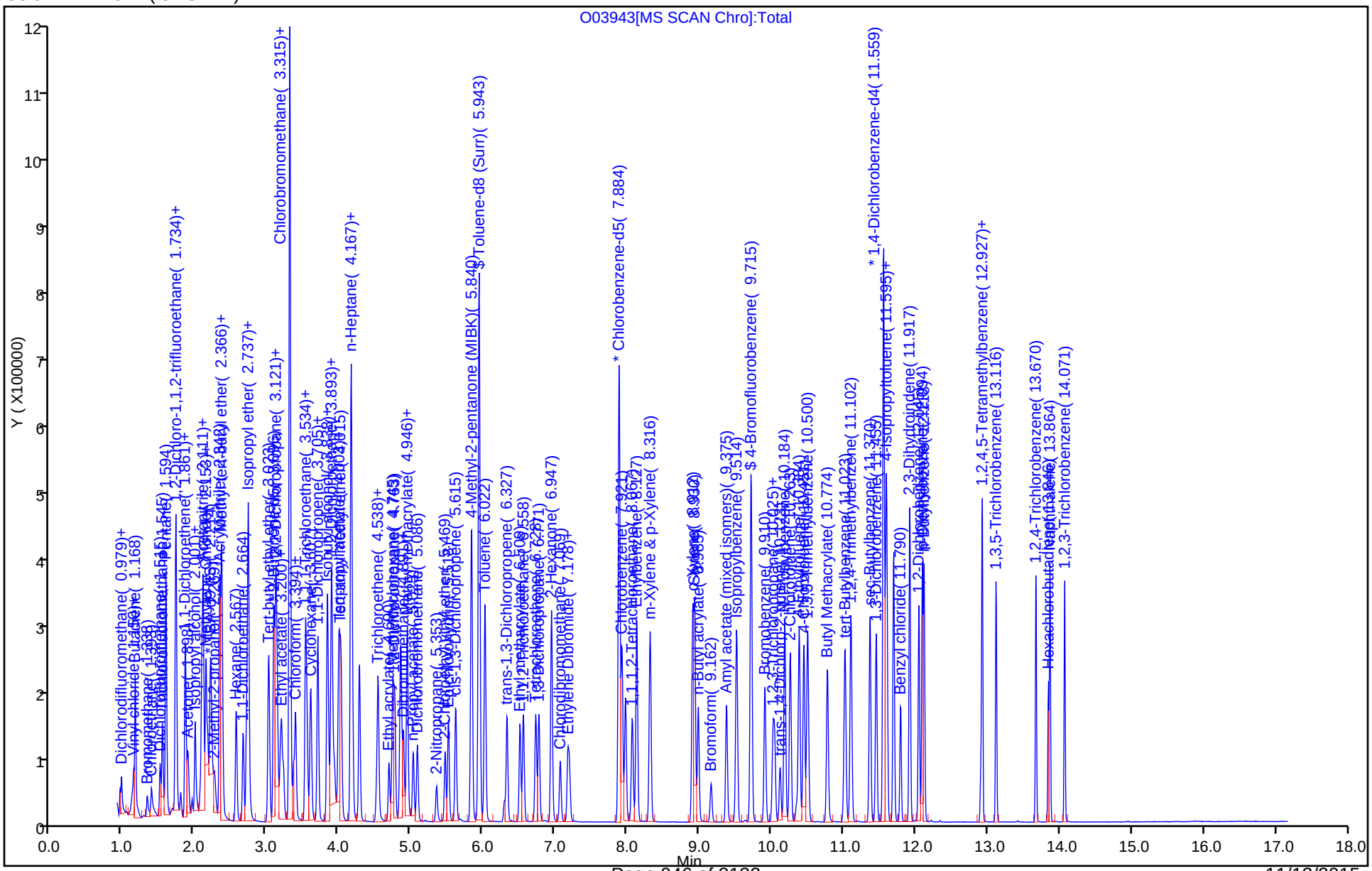
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03944.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 09-Nov-2015 16:07:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0034002-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:51:55 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: kluseys Date: 09-Nov-2015 16:29:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	91	23998	50.0	50.6	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	197967	50.0	50.0	
4 Chloromethane	50	1.125	1.131	-0.006	98	177735	50.0	48.2	
3 Vinyl chloride	62	1.150	1.150	0.000	98	182003	50.0	45.5	
5 Butadiene	54	1.168	1.168	0.000	98	157959	50.0	46.3	
7 Bromomethane	94	1.338	1.332	0.006	98	62985	50.0	48.3	
8 Chloroethane	64	1.393	1.393	0.000	100	130345	50.0	52.2	
11 Dichlorofluoromethane	67	1.515	1.515	0.000	98	287147	50.0	48.1	
10 Trichlorofluoromethane	101	1.545	1.545	0.000	98	198109	50.0	47.8	
9 Pentane	72	1.594	1.594	0.000	96	47661	100.0	88.2	
14 Ethanol	46	1.679	1.691	-0.012	52	35194	2000.0	1945.6	
13 Ethyl ether	59	1.728	1.727	0.001	94	141110	50.0	48.8	
12 2-Methyl-1,3-butadiene	67	1.734	1.734	0.000	98	344493	50.0	47.4	
15 1,2-Dichloro-1,1,2-trifluo	67	1.734	1.734	0.000	87	344493	50.0	47.4	
21 Acrolein	56	1.801	1.800	0.000	95	54436	100.0	95.5	
16 1,1-Dichloroethene	96	1.861	1.861	0.000	96	115117	50.0	47.6	
18 1,1,2-Trichloro-1,2,2-trif	101	1.867	1.867	0.000	96	103907	50.0	42.3	
25 Acetone	58	1.898	1.904	-0.006	87	75261	250.0	221.6	
19 Iodomethane	142	1.959	1.959	0.000	98	99285	50.0	49.5	
23 Isopropyl alcohol	45	1.995	2.001	-0.006	39	92825	500.0	505.3	
17 Carbon disulfide	76	2.001	2.001	0.000	100	356206	50.0	49.5	
22 3-Chloro-1-propene	76	2.093	2.092	0.000	91	118983	50.0	29.5	
32 Acetonitrile	41	2.093	2.092	0.000	84	417536	500.0	599.9	
27 Methyl acetate	74	2.111	2.111	0.000	99	163941	250.0	285.4	
20 Cyclopentene	67	2.153	2.153	0.000	96	325402	50.0	45.5	
24 Methylene Chloride	84	2.178	2.178	0.000	95	146604	50.0	49.9	
* 30 TBA-d9 (IS)	65	2.214	2.214	0.000	98	261795	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.269	2.269	0.000	99	138426	500.0	481.2	
37 Acrylonitrile	53	2.342	2.342	0.000	94	603786	500.0	488.4	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	97	136055	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.372	2.372	0.000	97	460208	50.0	50.8	
28 Hexane	57	2.573	2.573	0.000	93	153890	50.0	41.8	
36 1,1-Dichloroethane	63	2.664	2.664	0.000	100	259103	50.0	49.8	
40 Vinyl acetate	86	2.713	2.713	0.000	100	46642	100.0	104.4	
34 Isopropyl ether	45	2.737	2.737	0.000	91	501209	50.0	49.5	
35 2-Chloro-1,3-butadiene	88	2.737	2.737	0.000	67	127251	50.0	46.2	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	476765	50.0	50.4	
* 52 2-Butanone-d5	46	3.090	3.090	0.000	0	301471	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.121	3.121	0.000	92	155230	50.0	49.3	
42 2,2-Dichloropropane	97	3.121	3.121	0.000	84	43750	50.0	48.4	
53 2-Butanone (MEK)	72	3.139	3.139	0.000	100	99668	250.0	251.1	
58 Propionitrile	54	3.188	3.188	0.000	96	237402	500.0	556.6	
47 Ethyl acetate	70	3.206	3.200	0.006	100	26846	100.0	106.3	
48 Methyl acrylate	55	3.230	3.224	0.006	99	163908	50.0	46.6	
59 Methacrylonitrile	67	3.315	3.315	0.000	93	744623	500.0	490.8	
44 Chlorobromomethane	128	3.321	3.321	0.000	90	74728	50.0	54.6	
49 Tetrahydrofuran	42	3.364	3.370	-0.006	96	100879	100.0	106.0	
45 Chloroform	83	3.394	3.394	0.000	98	241562	50.0	51.0	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	96	133038	50.0	52.0	
51 1,1,1-Trichloroethane	97	3.553	3.553	0.000	98	180128	50.0	48.9	
43 Cyclohexane	56	3.607	3.607	0.000	92	199554	50.0	41.2	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	178376	50.0	47.9	
46 Carbon tetrachloride	117	3.705	3.705	0.000	76	139882	50.0	49.0	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.832	3.832	0.000	97	172208	50.0	51.4	
63 Isobutyl alcohol	43	3.851	3.851	0.000	98	155887	1250.0	1406.0	
56 Benzene	78	3.893	3.893	0.000	97	576884	50.0	50.3	
62 1,2-Dichloroethane	62	3.905	3.905	0.000	97	215019	50.0	51.1	
55 Isooctane	57	3.991	3.991	0.000	99	324576	50.0	48.6	
66 Isopropyl acetate	43	3.997	3.997	0.000	97	522561	50.0	49.2	
61 Tert-amyl methyl ether	73	4.021	4.021	0.000	98	449549	50.0	50.4	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	486996	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	92	125682	50.0	40.8	
70 n-Butanol	56	4.520	4.526	-0.006	90	104318	1250.0	1404.6	
68 Trichloroethene	95	4.538	4.538	0.000	98	134121	50.0	48.3	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	214031	50.0	50.6	
67 Methylcyclohexane	83	4.745	4.745	0.000	95	181706	50.0	41.2	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	92	153761	50.0	51.0	
* 74 1,4-Dioxane-d8	96	4.879	4.885	-0.006	33	33655	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	98	90828	50.0	51.7	
76 1,4-Dioxane	88	4.940	4.940	0.000	29	40333	1000.0	1071.7	
75 Methyl methacrylate	100	4.946	4.946	0.000	90	90136	100.0	99.7	
77 n-Propyl acetate	43	5.025	5.025	0.000	98	229941	50.0	48.5	
72 Dichlorobromomethane	83	5.086	5.086	0.000	99	183035	50.0	52.9	
83 2-Nitropropane	41	5.353	5.353	0.000	99	80705	100.0	100.5	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	96	109517	50.0	51.1	
82 Epichlorohydrin	57	5.518	5.518	0.000	99	321518	1000.0	1146.7	
79 cis-1,3-Dichloropropene	75	5.615	5.615	0.000	95	246190	50.0	52.5	
85 4-Methyl-2-pentanone (MIBK	43	5.840	5.834	0.006	97	757364	250.0	276.1	
$ 80 Toluene-d8 (Surr)	98	5.943	5.943	0.000	99	550997	50.0	52.0	
81 Toluene	91	6.023	6.022	0.000	93	578540	50.0	49.6	
86 trans-1,3-Dichloropropene	75	6.327	6.327	0.000	98	222124	50.0	53.1	
88 Ethyl methacrylate	69	6.509	6.509	0.000	90	198482	50.0	52.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	93	114042	50.0	52.0	
84 Tetrachloroethene	166	6.728	6.728	0.000	96	120156	50.0	47.9	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	95	239321	50.0	52.6	
93 2-Hexanone	43	6.947	6.947	0.000	96	514575	250.0	264.6	
89 Chlorodibromomethane	129	7.069	7.069	0.000	98	132058	50.0	52.6	
92 n-Butyl acetate	43	7.172	7.172	0.000	99	181256	50.0	48.8	
91 Ethylene Dibromide	107	7.197	7.197	0.000	98	135019	50.0	51.5	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	87	394353	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	93	365486	50.0	50.3	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	96	123028	50.0	52.5	
96 Ethylbenzene	106	8.134	8.133	0.001	99	184194	50.0	49.2	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	226898	50.0	49.0	
99 o-Xylene	106	8.906	8.906	0.000	93	230186	50.0	49.7	
101 Styrene	104	8.937	8.936	0.001	95	407069	50.0	51.0	
102 n-Butyl acrylate	73	8.985	8.985	0.000	98	115769	50.0	51.7	
100 Bromoform	173	9.162	9.162	0.000	96	81446	50.0	50.3	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.001	91	270041	50.0	50.6	
103 Isopropylbenzene	105	9.514	9.514	0.000	97	532900	50.0	49.3	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	89	158626	50.0	51.4	
107 Bromobenzene	156	9.910	9.910	0.000	98	155846	50.0	50.5	
109 1,1,2,2-Tetrachloroethane	83	10.019	10.019	0.000	98	177654	50.0	50.8	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	98	49834	50.0	50.2	
114 trans-1,4-Dichloro-2-buten	53	10.123	10.117	0.006	89	53399	50.0	50.4	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	650149	50.0	49.3	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	410792	50.0	49.6	
111 4-Ethyltoluene	105	10.384	10.384	0.000	99	563200	50.0	47.6	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	450440	50.0	49.9	
113 1,3,5-Trimethylbenzene	105	10.506	10.500	0.006	93	462941	50.0	49.4	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	199061	50.0	53.8	
116 tert-Butylbenzene	119	11.023	11.023	0.000	93	362477	50.0	48.5	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	490289	50.0	50.1	
119 sec-Butylbenzene	105	11.370	11.370	0.000	98	534953	50.0	49.4	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	95	286914	50.0	49.9	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.001	96	214479	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	95	296158	50.0	49.8	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	97	474139	50.0	48.7	
125 Benzyl chloride	126	11.790	11.796	-0.006	98	64661	50.0	52.2	
124 2,3-Dihydroindene	117	11.924	11.917	0.007	94	562285	50.0	51.2	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	285809	50.0	51.0	
126 p-Diethylbenzene	119	12.094	12.094	0.000	92	285393	50.0	47.7	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	526853	50.0	49.0	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	94	35441	50.0	49.8	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	494730	50.0	51.7	
131 1,3,5-Trichlorobenzene	180	13.122	13.116	0.006	97	209015	50.0	47.9	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	94	198809	50.0	49.6	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	96	62930	50.0	48.1	
135 Naphthalene	128	13.870	13.864	0.006	99	504294	50.0	49.9	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	185972	50.0	49.4	
S 137 1,2-Dichloroethene, Total	100				0		100.0	97.0	
S 138 Xylenes, Total	100				0		100.0	98.7	
S 139 Total BTEX	1				0		250.0	247.7	

Reagents:

ACROLEIN W_00044	Amount Added:	10.00	Units: uL	
MIX I Hi_00048	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	5.00	Units: uL	
GAS Hi_00121	Amount Added:	5.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:51:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03944.D

Injection Date: 09-Nov-2015 16:07:30 Instrument ID: CVOAMS12 Operator ID:

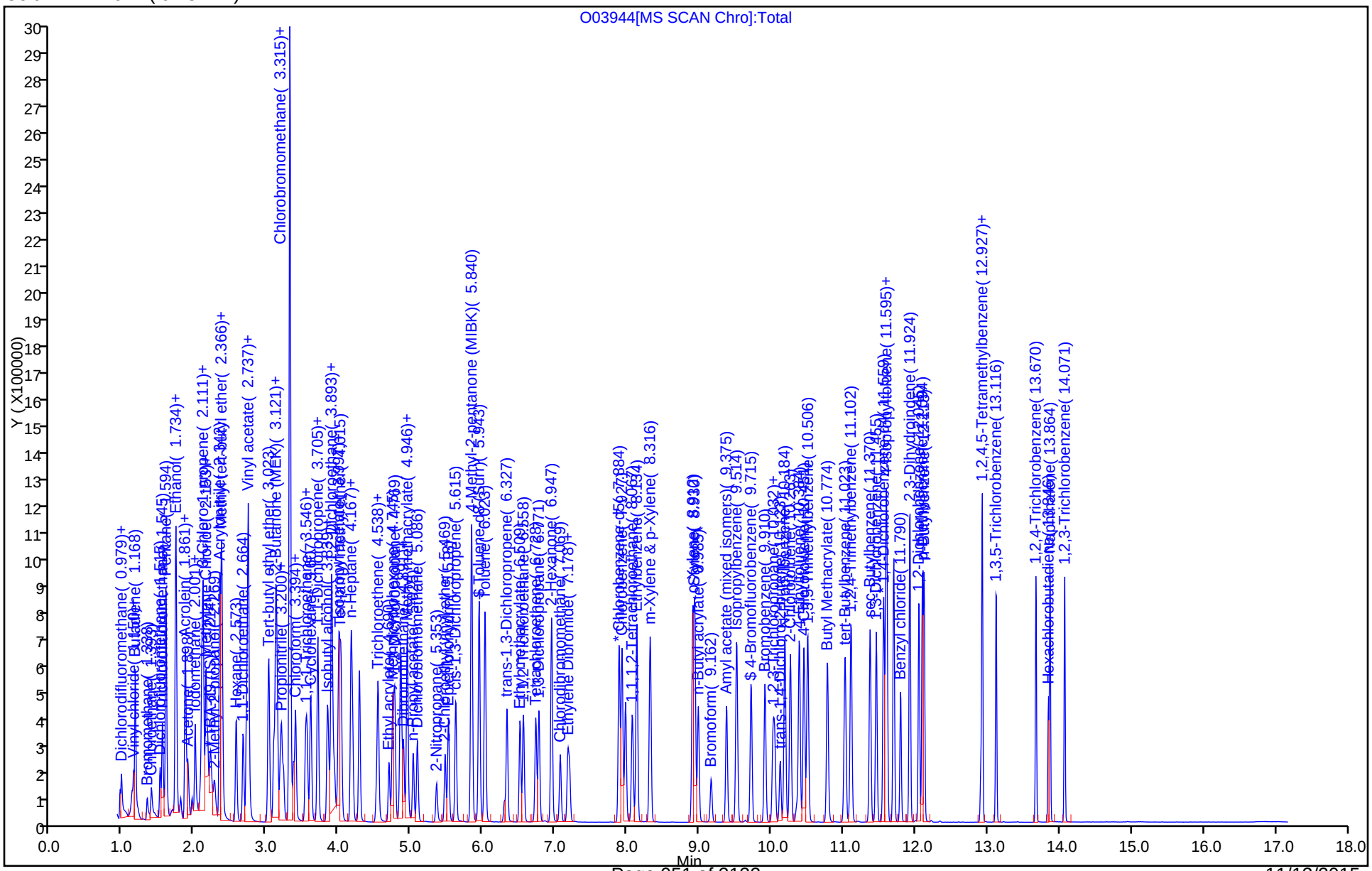
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03945.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 09-Nov-2015 16:34:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0034002-008
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:52:01 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: kluseys Date: 09-Nov-2015 16:30:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	89	123165	200.0	237.7	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	949863	200.0	219.6	
4 Chloromethane	50	1.131	1.131	0.000	99	789729	200.0	196.0	
3 Vinyl chloride	62	1.149	1.150	-0.001	98	853860	200.0	195.4	
5 Butadiene	54	1.168	1.168	0.000	98	811390	200.0	217.7	M
7 Bromomethane	94	1.338	1.332	0.006	99	317065	200.0	216.7	
8 Chloroethane	64	1.393	1.393	0.000	100	538274	200.0	197.3	
11 Dichlorofluoromethane	67	1.515	1.515	-0.001	98	1226462	200.0	188.3	
10 Trichlorofluoromethane	101	1.551	1.545	0.006	99	940830	200.0	208.0	M
9 Pentane	72	1.594	1.594	0.000	95	270456	400.0	458.4	
14 Ethanol	46	1.727	1.691	0.036	96	147741	8000.0	7058.8	
13 Ethyl ether	59	1.727	1.727	0.000	94	620310	200.0	196.6	
12 2-Methyl-1,3-butadiene	67	1.734	1.734	0.000	98	1821372	200.0	229.6	
15 1,2-Dichloro-1,1,2-trifluo	67	1.734	1.734	0.000	91	1821372	200.0	229.6	
21 Acrolein	56	1.800	1.800	0.000	97	150335	200.0	228.0	M
16 1,1-Dichloroethene	96	1.861	1.861	0.000	98	500054	200.0	189.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.867	1.867	0.000	97	588929	200.0	203.0	
25 Acetone	58	1.904	1.904	0.000	87	318298	1000.0	836.0	
19 Iodomethane	142	1.959	1.959	0.000	98	471560	200.0	215.3	
23 Isopropyl alcohol	45	2.001	2.001	0.000	97	384206	2000.0	1807.6	
17 Carbon disulfide	76	2.001	2.001	0.000	100	1271769	200.0	161.9	M
22 3-Chloro-1-propene	76	2.099	2.092	0.007	93	846724	200.0	211.4	M
32 Acetonitrile	41	2.092	2.092	0.000	85	1658053	2000.0	2058.9	
27 Methyl acetate	74	2.117	2.111	0.006	99	689810	1000.0	1038.0	
20 Cyclopentene	67	2.153	2.153	0.000	96	1678507	200.0	215.0	
24 Methylene Chloride	84	2.178	2.178	0.000	96	610157	200.0	190.1	M
* 30 TBA-d9 (IS)	65	2.214	2.214	0.000	98	302914	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.275	2.269	0.006	99	615546	2000.0	1849.3	
37 Acrylonitrile	53	2.348	2.342	0.006	93	2736992	2000.0	2027.3	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	97	659994	200.0	211.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.372	2.372	0.000	98	2000467	200.0	202.1	
28 Hexane	57	2.573	2.573	0.000	93	839267	200.0	203.4	
36 1,1-Dichloroethane	63	2.670	2.664	0.006	100	1138244	200.0	200.5	
40 Vinyl acetate	86	2.719	2.713	0.006	100	194445	400.0	398.5	
34 Isopropyl ether	45	2.737	2.737	0.000	97	2257962	200.0	204.3	
35 2-Chloro-1,3-butadiene	88	2.743	2.737	0.006	93	651353	200.0	216.3	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	2056348	200.0	199.2	
* 52 2-Butanone-d5	46	3.096	3.090	0.006	0	337978	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.121	3.121	0.000	92	687083	200.0	200.0	
42 2,2-Dichloropropane	97	3.127	3.121	0.006	95	212131	200.0	214.9	
53 2-Butanone (MEK)	72	3.145	3.139	0.006	100	441639	1000.0	992.6	
58 Propionitrile	54	3.194	3.188	0.006	94	1047940	2000.0	2123.4	
47 Ethyl acetate	70	3.206	3.200	0.006	100	114680	400.0	405.0	
48 Methyl acrylate	55	3.230	3.224	0.006	100	720544	200.0	187.4	
59 Methacrylonitrile	67	3.327	3.315	0.012	91	3299356	2000.0	1991.7	
44 Chlorobromomethane	128	3.327	3.321	0.006	96	287321	200.0	192.3	
49 Tetrahydrofuran	42	3.370	3.370	0.000	94	433221	400.0	406.1	
45 Chloroform	83	3.400	3.394	0.006	98	1051534	200.0	203.5	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	141514	50.0	50.7	
51 1,1,1-Trichloroethane	97	3.553	3.553	-0.001	98	870550	200.0	216.5	
43 Cyclohexane	56	3.607	3.607	0.000	92	1091993	200.0	203.8	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	894900	200.0	220.1	
46 Carbon tetrachloride	117	3.705	3.705	0.000	78	742376	200.0	238.0	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.838	3.832	0.006	97	182036	50.0	49.8	
63 Isobutyl alcohol	43	3.857	3.851	0.006	97	722255	5000.0	5630.0	
56 Benzene	78	3.893	3.893	0.000	98	2520494	200.0	204.8	
62 1,2-Dichloroethane	62	3.911	3.905	0.006	97	893874	200.0	194.6	
55 Isooctane	57	3.997	3.991	0.006	98	1672105	200.0	229.3	
66 Isopropyl acetate	43	4.003	3.997	0.006	94	2336137	200.0	201.5	
61 Tert-amyl methyl ether	73	4.027	4.021	0.006	94	1928613	200.0	198.1	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	531783	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	92	691296	200.0	203.8	
70 n-Butanol	56	4.526	4.526	0.000	89	487610	5000.0	5674.3	
68 Trichloroethene	95	4.544	4.538	0.006	98	623925	200.0	205.8	
73 Ethyl acrylate	55	4.696	4.690	0.006	99	910987	200.0	197.2	
67 Methylcyclohexane	83	4.745	4.745	0.000	96	989442	200.0	203.7	
71 1,2-Dichloropropane	63	4.775	4.769	0.006	92	665953	200.0	202.1	
* 74 1,4-Dioxane-d8	96	4.891	4.885	0.006	33	38673	1000.0	1000.0	
69 Dibromomethane	93	4.897	4.891	0.006	97	386547	200.0	201.5	
76 1,4-Dioxane	88	4.952	4.940	0.012	29	162916	4000.0	3767.1	
75 Methyl methacrylate	100	4.952	4.946	0.006	90	391845	400.0	397.1	
77 n-Propyl acetate	43	5.031	5.025	0.006	98	978498	200.0	189.0	
72 Dichlorobromomethane	83	5.086	5.086	0.000	99	798393	200.0	211.3	
83 2-Nitropropane	41	5.353	5.353	0.000	98	379762	400.0	433.2	
78 2-Chloroethyl vinyl ether	63	5.475	5.469	0.006	96	459992	200.0	196.4	
82 Epichlorohydrin	57	5.524	5.518	0.006	99	1363336	4000.0	4337.2	
79 cis-1,3-Dichloropropene	75	5.621	5.615	0.006	95	1048796	200.0	208.6	
85 4-Methyl-2-pentanone (MIBK	43	5.846	5.834	0.012	96	3188079	1000.0	1036.5	
$ 80 Toluene-d8 (Surr)	98	5.949	5.943	0.006	99	575071	50.0	50.6	
81 Toluene	91	6.029	6.022	0.007	94	2566779	200.0	205.3	
86 trans-1,3-Dichloropropene	75	6.333	6.327	0.006	98	958991	200.0	213.9	
88 Ethyl methacrylate	69	6.515	6.509	0.006	90	839927	200.0	205.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.564	6.558	0.006	94	471489	200.0	200.4	
84 Tetrachloroethene	166	6.734	6.728	0.006	96	583173	200.0	216.9	
90 1,3-Dichloropropane	76	6.777	6.771	0.006	95	974045	200.0	199.7	
93 2-Hexanone	43	6.953	6.947	0.006	96	2216796	1000.0	1016.8	
89 Chlorodibromomethane	129	7.075	7.069	0.006	98	580691	200.0	215.6	
92 n-Butyl acetate	43	7.178	7.172	0.006	99	780351	200.0	195.9	
91 Ethylene Dibromide	107	7.203	7.197	0.006	98	559638	200.0	199.0	
* 94 Chlorobenzene-d5	117	7.890	7.884	0.006	86	422873	50.0	50.0	
95 Chlorobenzene	112	7.933	7.927	0.006	92	1574355	200.0	202.1	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.067	0.006	95	545868	200.0	217.4	
96 Ethylbenzene	106	8.140	8.133	0.007	99	850977	200.0	211.9	
98 m-Xylene & p-Xylene	106	8.322	8.316	0.006	97	1041395	200.0	209.9	
99 o-Xylene	106	8.912	8.906	0.006	94	1054814	200.0	212.2	
101 Styrene	104	8.943	8.936	0.007	93	1838354	200.0	214.8	
102 n-Butyl acrylate	73	8.991	8.985	0.006	98	527228	200.0	219.4	
100 Bromoform	173	9.168	9.162	0.006	96	381662	200.0	219.9	
105 Amyl acetate (mixed isomer	43	9.381	9.375	0.007	91	1180508	200.0	204.0	
103 Isopropylbenzene	105	9.520	9.514	0.006	97	2541856	200.0	219.2	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	88	168702	50.0	51.0	
107 Bromobenzene	156	9.916	9.910	0.006	97	675147	200.0	201.6	
109 1,1,2,2-Tetrachloroethane	83	10.032	10.019	0.013	98	742567	200.0	195.8	
112 1,2,3-Trichloropropane	110	10.050	10.044	0.006	98	208239	200.0	193.5	
114 trans-1,4-Dichloro-2-buten	53	10.129	10.117	0.012	91	239031	200.0	207.9	
108 N-Propylbenzene	91	10.196	10.184	0.012	99	3064005	200.0	214.5	
110 2-Chlorotoluene	91	10.269	10.263	0.006	97	1843168	200.0	205.4	
111 4-Ethyltoluene	105	10.397	10.384	0.013	98	2636452	200.0	205.7	
115 4-Chlorotoluene	91	10.457	10.451	0.006	98	2000176	200.0	204.2	
113 1,3,5-Trimethylbenzene	105	10.512	10.500	0.012	93	2179621	200.0	214.3	
118 Butyl Methacrylate	87	10.786	10.780	0.006	93	904773	200.0	225.6	
116 tert-Butylbenzene	119	11.029	11.023	0.006	93	1788350	200.0	220.6	
117 1,2,4-Trimethylbenzene	105	11.114	11.102	0.012	98	2273464	200.0	214.4	
119 sec-Butylbenzene	105	11.376	11.370	0.006	98	2646697	200.0	225.3	
120 1,3-Dichlorobenzene	146	11.461	11.455	0.006	94	1256156	200.0	201.4	
* 122 1,4-Dichlorobenzene-d4	152	11.558	11.559	0.000	97	232505	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.595	11.589	0.006	94	1317388	200.0	204.4	
121 4-Isopropyltoluene	119	11.607	11.601	0.006	97	2361706	200.0	223.8	
125 Benzyl chloride	126	11.802	11.796	0.006	98	310821	200.0	231.5	
124 2,3-Dihydroindene	117	11.930	11.917	0.013	94	2429704	200.0	204.2	
128 1,2-Dichlorobenzene	146	12.051	12.045	0.006	95	1239253	200.0	204.0	
126 p-Diethylbenzene	119	12.100	12.094	0.006	92	1391977	200.0	214.6	
127 n-Butylbenzene	91	12.124	12.118	0.006	98	2578492	200.0	221.3	
130 1,2-Dibromo-3-Chloropropan	75	12.909	12.903	0.006	96	157315	200.0	203.9	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	2121098	200.0	204.3	
131 1,3,5-Trichlorobenzene	180	13.122	13.116	0.006	97	933897	200.0	197.3	
132 1,2,4-Trichlorobenzene	180	13.676	13.670	0.006	94	867500	200.0	199.7	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	95	320377	200.0	225.9	
135 Naphthalene	128	13.870	13.864	0.006	99	1995634	200.0	182.0	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	794231	200.0	194.6	
S 137 1,2-Dichloroethene, Total	100				0		400.0	411.5	
S 138 Xylenes, Total	100				0		400.0	422.1	
S 139 Total BTEX	1				0		1000.0	1043.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00044	Amount Added:	20.00	Units: uL	
MIX I Hi_00048	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	20.00	Units: uL	
GAS Hi_00121	Amount Added:	20.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:52:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03945.D

Injection Date: 09-Nov-2015 16:34:30 Instrument ID: CVOAMS12 Operator ID:

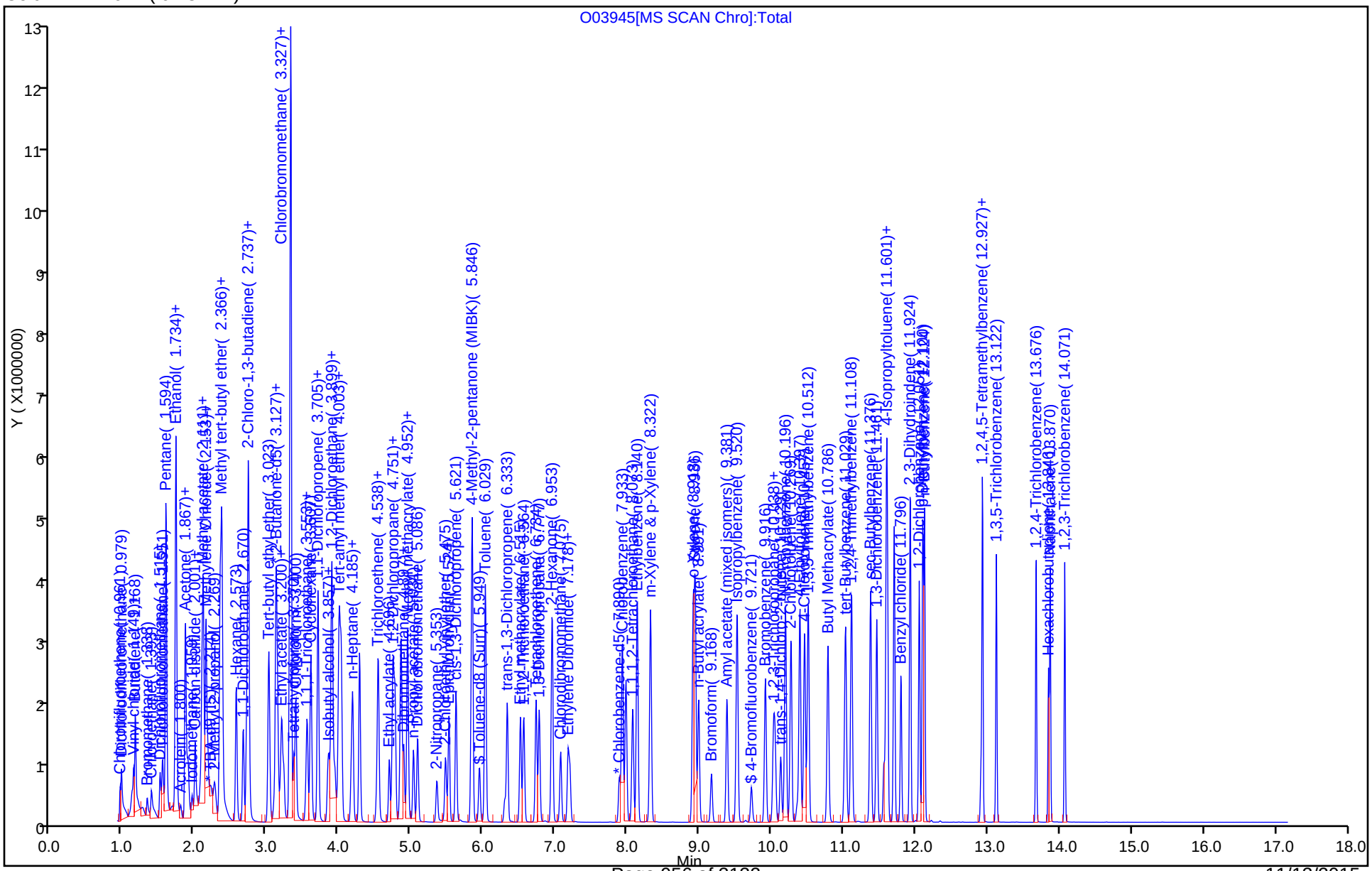
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03946.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 09-Nov-2015 17:02:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0034002-009
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:52:09 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 09-Nov-2015 17:07:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	88	340322	500.0	617.1	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	2529741	500.0	549.3	
4 Chloromethane	50	1.125	1.131	-0.006	99	2424485	500.0	565.2	
3 Vinyl chloride	62	1.149	1.150	-0.001	98	2564470	500.0	551.3	
5 Butadiene	54	1.174	1.168	0.006	97	2336652	500.0	589.0	M
7 Bromomethane	94	1.338	1.332	0.006	99	991388	500.0	616.9	
8 Chloroethane	64	1.393	1.393	0.000	100	1470123	500.0	506.2	
11 Dichlorofluoromethane	67	1.515	1.515	-0.001	98	3600822	500.0	519.3	
10 Trichlorofluoromethane	101	1.551	1.545	0.006	98	2715950	500.0	564.1	M
9 Pentane	72	1.600	1.594	0.006	93	777076	1000.0	1237.3	
14 Ethanol	46	1.727	1.691	0.036	93	443255	20000	17886	
13 Ethyl ether	59	1.727	1.727	0.000	93	1808319	500.0	538.4	
12 2-Methyl-1,3-butadiene	67	1.740	1.734	0.006	98	4508602	500.0	533.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.740	1.734	0.006	78	4508602	500.0	533.9	
21 Acrolein	56	1.807	1.800	0.007	97	343814	400.0	440.4	M
16 1,1-Dichloroethene	96	1.867	1.861	0.006	96	1648145	500.0	586.5	
18 1,1,2-Trichloro-1,2,2-trif	101	1.867	1.867	0.000	96	1759656	500.0	499.7	
25 Acetone	58	1.904	1.904	0.000	87	1076475	2500.0	2573.9	
19 Iodomethane	142	1.959	1.959	0.000	98	1313894	500.0	563.5	
23 Isopropyl alcohol	45	2.013	2.001	0.012	97	1152757	5000.0	4580.5	
17 Carbon disulfide	76	2.001	2.001	0.000	100	3801202	500.0	454.6	M
22 3-Chloro-1-propene	76	2.099	2.092	0.007	95	1790336	500.0	497.6	M
32 Acetonitrile	41	2.099	2.092	0.007	88	4264600	5000.0	4472.6	
27 Methyl acetate	74	2.117	2.111	0.006	98	2077748	2500.0	2640.6	
20 Cyclopentene	67	2.153	2.153	0.000	98	4870176	500.0	586.0	
24 Methylene Chloride	84	2.178	2.178	0.000	96	1802235	500.0	527.5	M
* 30 TBA-d9 (IS)	65	2.220	2.214	0.006	98	358655	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.281	2.269	0.012	99	1736728	5000.0	4406.9	
37 Acrylonitrile	53	2.360	2.342	0.018	92	7477456	5000.0	5203.0	
26 trans-1,2-Dichloroethene	96	2.372	2.366	0.006	97	1799344	500.0	541.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.378	2.372	0.006	98	5400551	500.0	512.5	
28 Hexane	57	2.573	2.573	0.000	93	2297691	500.0	499.6	
36 1,1-Dichloroethane	63	2.670	2.664	0.006	100	3137459	500.0	519.2	
40 Vinyl acetate	86	2.725	2.713	0.012	100	518081	1000.0	997.3	
34 Isopropyl ether	45	2.743	2.737	0.006	89	6130458	500.0	521.0	
35 2-Chloro-1,3-butadiene	88	2.743	2.737	0.006	84	1816869	500.0	566.9	
39 Tert-butyl ethyl ether	59	3.029	3.023	0.006	91	5450850	500.0	495.9	
* 52 2-Butanone-d5	46	3.102	3.090	0.012	0	371259	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.127	3.121	0.006	97	1886148	500.0	515.8	
42 2,2-Dichloropropane	97	3.127	3.121	0.006	91	589026	500.0	560.4	
53 2-Butanone (MEK)	72	3.151	3.139	0.012	99	1218228	2500.0	2492.6	
58 Propionitrile	54	3.212	3.188	0.024	97	2878583	5000.0	4926.3	
47 Ethyl acetate	70	3.212	3.200	0.012	100	321109	1000.0	1032.3	
48 Methyl acrylate	55	3.236	3.224	0.012	100	2283694	500.0	558.0	
59 Methacrylonitrile	67	3.352	3.315	0.037	88	8117032	5000.0	4602.9	
44 Chlorobromomethane	128	3.333	3.321	0.012	96	768958	500.0	483.4	
49 Tetrahydrofuran	42	3.382	3.370	0.012	92	1130223	1000.0	964.4	
45 Chloroform	83	3.407	3.394	0.012	97	2785858	500.0	506.4	
$ 50 Dibromofluoromethane (Surr	113	3.540	3.534	0.006	97	149347	50.0	50.3	
51 1,1,1-Trichloroethane	97	3.559	3.553	0.006	98	2351638	500.0	549.3	
43 Cyclohexane	56	3.607	3.607	0.000	93	2911966	500.0	499.5	
54 1,1-Dichloropropene	75	3.711	3.705	0.006	93	2474536	500.0	571.7	
46 Carbon tetrachloride	117	3.711	3.705	0.006	79	2078647	500.0	626.1	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.838	3.832	0.006	96	190166	50.0	48.9	
63 Isobutyl alcohol	43	3.875	3.851	0.024	98	2058838	12500	13554	
56 Benzene	78	3.899	3.893	0.006	99	6519554	500.0	496.7	
62 1,2-Dichloroethane	62	3.918	3.905	0.013	97	2454316	500.0	502.0	
55 Isooctane	57	3.997	3.991	0.006	99	4382123	500.0	564.6	
66 Isopropyl acetate	43	4.009	3.997	0.012	94	6233407	500.0	505.1	
61 Tert-amyl methyl ether	73	4.033	4.021	0.012	93	5093163	500.0	491.5	
* 64 Fluorobenzene	96	4.173	4.167	0.006	99	566085	50.0	50.0	
57 n-Heptane	43	4.191	4.185	0.006	93	1830286	500.0	499.5	
70 n-Butanol	56	4.550	4.526	0.024	87	1383113	12500	13594	
68 Trichloroethene	95	4.544	4.538	0.006	98	1733087	500.0	536.9	
73 Ethyl acrylate	55	4.702	4.690	0.012	99	2427190	500.0	493.5	
67 Methylcyclohexane	83	4.751	4.745	0.006	97	2626835	500.0	499.5	
71 1,2-Dichloropropane	63	4.781	4.769	0.012	92	1814067	500.0	517.3	
* 74 1,4-Dioxane-d8	96	4.903	4.885	0.018	33	47145	1000.0	1000.0	
69 Dibromomethane	93	4.903	4.891	0.012	97	1044737	500.0	511.6	
76 1,4-Dioxane	88	4.964	4.940	0.024	88	445552	10000	8451.1	
75 Methyl methacrylate	100	4.958	4.946	0.012	90	1046742	1000.0	996.5	
77 n-Propyl acetate	43	5.043	5.025	0.018	98	2562004	500.0	464.8	
72 Dichlorobromomethane	83	5.098	5.086	0.012	99	2159338	500.0	536.9	
83 2-Nitropropane	41	5.365	5.353	0.012	98	1043355	1000.0	1118.1	
78 2-Chloroethyl vinyl ether	63	5.487	5.469	0.018	97	1231956	500.0	494.2	
82 Epichlorohydrin	57	5.542	5.518	0.024	100	3871302	10000	11212	
79 cis-1,3-Dichloropropene	75	5.633	5.615	0.018	95	2815987	500.0	525.2	
85 4-Methyl-2-pentanone (MIBK	43	5.858	5.834	0.024	95	8210602	2500.0	2430.2	
$ 80 Toluene-d8 (Surr)	98	5.956	5.943	0.013	99	600287	50.0	49.5	
81 Toluene	91	6.041	6.022	0.019	94	6503240	500.0	487.8	
86 trans-1,3-Dichloropropene	75	6.339	6.327	0.012	99	2614514	500.0	546.8	
88 Ethyl methacrylate	69	6.527	6.509	0.018	90	2301586	500.0	527.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.570	6.558	0.012	95	1291806	500.0	515.0	
84 Tetrachloroethene	166	6.740	6.728	0.012	95	1588102	500.0	553.9	
90 1,3-Dichloropropane	76	6.789	6.771	0.018	95	2610008	500.0	501.9	
93 2-Hexanone	43	6.971	6.947	0.024	94	5884332	2500.0	2457.1	
89 Chlorodibromomethane	129	7.087	7.069	0.018	98	1617973	500.0	563.3	
92 n-Butyl acetate	43	7.184	7.172	0.012	99	2079585	500.0	489.7	
91 Ethylene Dibromide	107	7.215	7.197	0.018	99	1502951	500.0	501.3	
* 94 Chlorobenzene-d5	117	7.896	7.884	0.012	86	450874	50.0	50.0	
95 Chlorobenzene	112	7.939	7.927	0.012	91	4210391	500.0	506.8	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.067	0.018	96	1513602	500.0	565.3	
96 Ethylbenzene	106	8.146	8.133	0.013	98	2321257	500.0	542.0	
98 m-Xylene & p-Xylene	106	8.334	8.316	0.018	96	2846197	500.0	537.9	
99 o-Xylene	106	8.924	8.906	0.018	94	2875825	500.0	542.6	
101 Styrene	104	8.955	8.936	0.019	93	4834321	500.0	529.8	
102 n-Butyl acrylate	73	8.997	8.985	0.012	98	1478426	500.0	577.1	
100 Bromoform	173	9.174	9.162	0.012	96	1075375	500.0	581.0	
105 Amyl acetate (mixed isomer	43	9.393	9.375	0.019	91	3098592	500.0	515.1	
103 Isopropylbenzene	105	9.533	9.514	0.019	97	6595888	500.0	533.4	
$ 106 4-Bromofluorobenzene	174	9.733	9.721	0.012	90	177930	50.0	50.5	
107 Bromobenzene	156	9.928	9.910	0.018	98	1829567	500.0	525.6	
109 1,1,2,2-Tetrachloroethane	83	10.038	10.019	0.019	98	1967008	500.0	498.9	
112 1,2,3-Trichloropropane	110	10.062	10.044	0.018	98	558705	500.0	499.4	
114 trans-1,4-Dichloro-2-buten	53	10.141	10.117	0.024	91	650607	500.0	544.4	
108 N-Propylbenzene	91	10.208	10.184	0.024	99	7726302	500.0	520.2	
110 2-Chlorotoluene	91	10.287	10.263	0.024	98	4809221	500.0	515.6	
111 4-Ethyltoluene	105	10.409	10.384	0.025	98	6710826	500.0	503.6	
115 4-Chlorotoluene	91	10.476	10.451	0.025	98	5218765	500.0	512.5	
113 1,3,5-Trimethylbenzene	105	10.524	10.500	0.024	93	5623901	500.0	532.0	
118 Butyl Methacrylate	87	10.798	10.780	0.018	93	2368843	500.0	568.1	
116 tert-Butylbenzene	119	11.041	11.023	0.018	93	4663801	500.0	553.4	
117 1,2,4-Trimethylbenzene	105	11.127	11.102	0.025	98	5814038	500.0	527.3	
119 sec-Butylbenzene	105	11.388	11.370	0.018	97	6636534	500.0	543.5	
120 1,3-Dichlorobenzene	146	11.473	11.455	0.018	93	3293349	500.0	507.9	
* 122 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.013	97	241725	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.601	11.589	0.012	91	3443321	500.0	513.9	
121 4-Isopropyltoluene	119	11.619	11.601	0.018	96	6004163	500.0	547.2	
125 Benzyl chloride	126	11.808	11.796	0.012	98	844236	500.0	604.9	
124 2,3-Dihydroindene	117	11.936	11.917	0.019	95	5923273	500.0	478.9	
128 1,2-Dichlorobenzene	146	12.063	12.045	0.018	93	3207040	500.0	507.9	
126 p-Diethylbenzene	119	12.106	12.094	0.012	92	3555563	500.0	527.3	
127 n-Butylbenzene	91	12.130	12.118	0.012	97	6426458	500.0	530.6	
130 1,2-Dibromo-3-Chloropropan	75	12.909	12.903	0.006	94	424805	500.0	529.7	
129 1,2,4,5-Tetramethylbenzene	119	12.933	12.927	0.006	98	5157463	500.0	477.8	
131 1,3,5-Trichlorobenzene	180	13.128	13.116	0.012	97	2422032	500.0	492.3	
132 1,2,4-Trichlorobenzene	180	13.682	13.670	0.012	94	2283112	500.0	505.5	
133 Hexachlorobutadiene	225	13.852	13.846	0.006	94	853932	500.0	579.3	
135 Naphthalene	128	13.870	13.864	0.006	97	4949053	500.0	434.2	
136 1,2,3-Trichlorobenzene	180	14.077	14.071	0.006	95	2126585	500.0	501.3	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	1057.5	
S 138 Xylenes, Total	100				0		1000.0	1080.5	
S 139 Total BTEX	1				0		2500.0	2607.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00044	Amount Added:	40.00	Units: uL	
MIX I Hi_00048	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	50.00	Units: uL	
GAS Hi_00121	Amount Added:	50.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:52:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03946.D

Injection Date: 09-Nov-2015 17:02:30 Instrument ID: CVOAMS12 Operator ID:

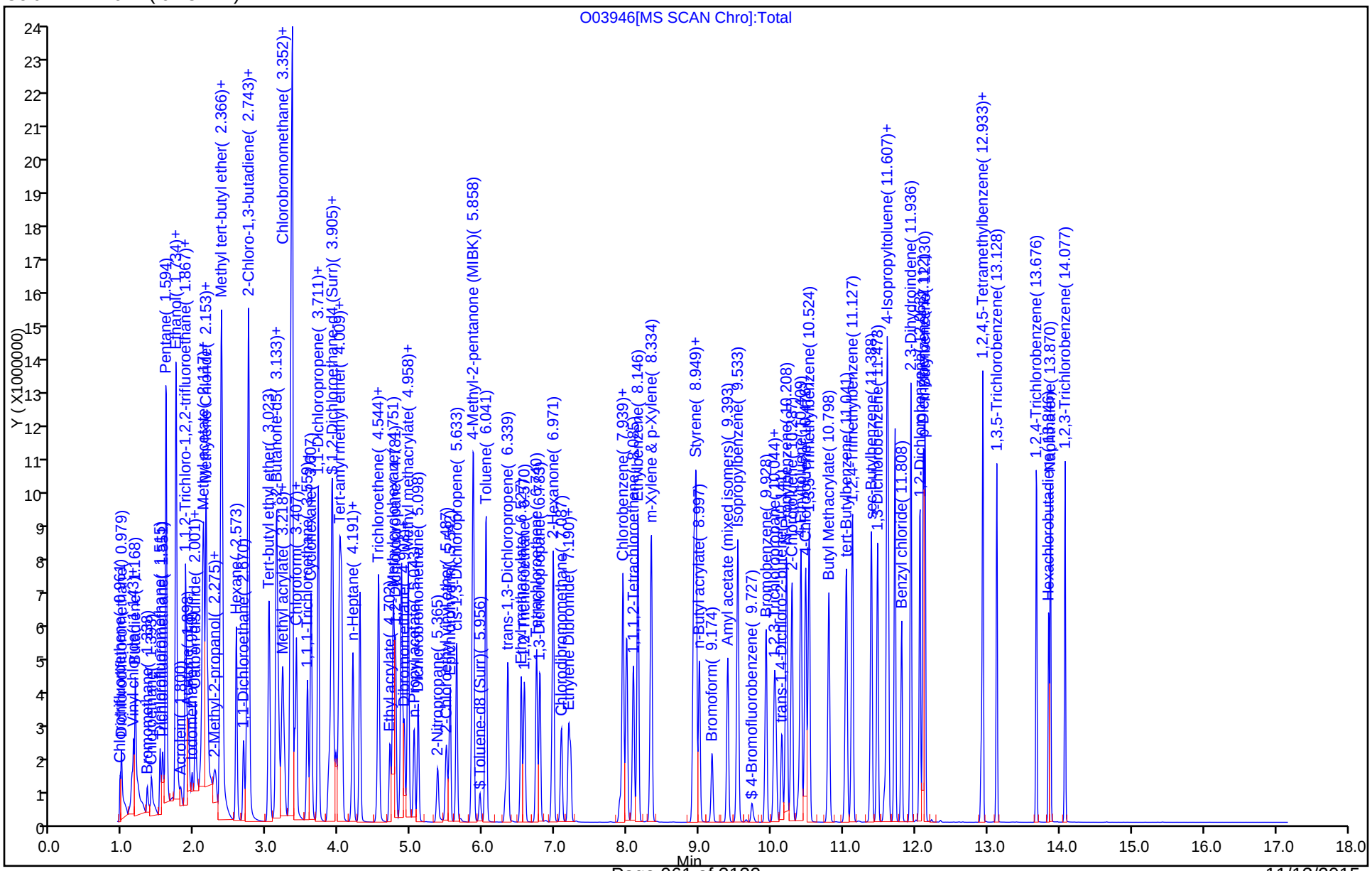
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03953.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 09-Nov-2015 21:13:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0034002-016
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:52:50 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 09-Nov-2015 22:35:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	88	2130	5.00	4.36	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	21748	5.00	5.33	
4 Chloromethane	50	1.137	1.131	0.006	87	18171	5.00	4.78	
3 Vinyl chloride	62	1.150	1.150	0.000	98	22077	5.00	5.36	
5 Butadiene	54	1.174	1.168	0.006	97	19311	5.00	5.50	
7 Bromomethane	94	1.344	1.332	0.012	96	8015	5.00	4.75	
8 Chloroethane	64	1.405	1.393	0.012	99	13030	5.00	5.07	
11 Dichlorofluoromethane	67	1.521	1.515	0.006	98	31255	5.00	5.09	
10 Trichlorofluoromethane	101	1.551	1.545	0.006	98	23084	5.00	5.41	
9 Pentane	72	1.600	1.594	0.006	97	4366	10.0	7.85	
14 Ethanol	46	1.679	1.691	-0.012	49	5596	200.0	200.5	
13 Ethyl ether	59	1.728	1.727	0.001	96	15163	5.00	5.10	
12 2-Methyl-1,3-butadiene	67	1.740	1.734	0.006	98	32961	5.00	4.41	
15 1,2-Dichloro-1,1,2-trifluo	67	1.740	1.734	0.006	91	32961	5.00	4.41	
21 Acrolein	56	1.801	1.800	0.001	96	15740	20.0	17.9	
16 1,1-Dichloroethene	96	1.867	1.861	0.006	97	11904	5.00	4.78	
18 1,1,2-Trichloro-1,2,2-trif	101	1.874	1.867	0.007	95	6020	5.00	2.43	
25 Acetone	58	1.898	1.904	-0.006	87	12923	25.0	29.4	
19 Iodomethane	142	1.965	1.959	0.006	99	8644	5.00	4.19	
23 Isopropyl alcohol	45	1.989	2.001	-0.012	97	14978	50.0	52.8	
17 Carbon disulfide	76	2.007	2.001	0.006	100	41642	5.00	5.62	
22 3-Chloro-1-propene	76	2.099	2.092	0.007	90	10409	5.00	2.47	
32 Acetonitrile	41	2.099	2.092	0.007	87	50229	50.0	46.8	
27 Methyl acetate	74	2.117	2.111	0.006	99	20503	25.0	23.1	
20 Cyclopentene	67	2.153	2.153	0.000	97	32957	5.00	4.48	
24 Methylene Chloride	84	2.178	2.178	0.000	97	16045	5.00	5.30	M
* 30 TBA-d9 (IS)	65	2.208	2.214	-0.006	98	403959	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.263	2.269	-0.006	99	23401	50.0	52.7	
37 Acrylonitrile	53	2.342	2.342	0.000	94	72451	50.0	56.9	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	98	14647	5.00	4.98	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.378	2.372	0.006	97	49890	5.00	5.35	
28 Hexane	57	2.573	2.573	0.000	92	6954	5.00	1.85	
36 1,1-Dichloroethane	63	2.670	2.664	0.006	100	27910	5.00	5.22	
40 Vinyl acetate	86	2.719	2.713	0.006	100	4950	10.0	10.8	
34 Isopropyl ether	45	2.737	2.737	0.000	92	52961	5.00	5.08	
35 2-Chloro-1,3-butadiene	88	2.743	2.737	0.006	92	13750	5.00	4.84	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	50730	5.00	5.21	
* 52 2-Butanone-d5	46	3.090	3.090	0.000	0	389895	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.127	3.121	0.006	92	17287	5.00	5.34	
42 2,2-Dichloropropane	97	3.127	3.121	0.006	47	4537	5.00	4.87	
53 2-Butanone (MEK)	72	3.145	3.139	0.006	99	14103	25.0	27.5	
58 Propionitrile	54	3.188	3.188	0.000	94	31562	50.0	48.0	
47 Ethyl acetate	70	3.206	3.200	0.006	100	3327	10.0	10.2	
48 Methyl acrylate	55	3.230	3.224	0.006	100	19797	5.00	5.46	
59 Methacrylonitrile	67	3.315	3.315	0.000	93	88128	50.0	56.4	
44 Chlorobromomethane	128	3.321	3.321	0.000	94	7590	5.00	5.39	
49 Tetrahydrofuran	42	3.370	3.370	0.000	95	12793	10.0	10.4	
45 Chloroform	83	3.394	3.394	0.000	98	25547	5.00	5.24	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	130821	50.0	49.7	
51 1,1,1-Trichloroethane	97	3.559	3.553	0.006	98	18245	5.00	4.81	
43 Cyclohexane	56	3.607	3.607	0.000	92	10658	5.00	2.14	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	17786	5.00	4.64	
46 Carbon tetrachloride	117	3.705	3.705	0.000	84	11841	5.00	4.03	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.839	3.832	0.007	97	173163	50.0	50.3	
63 Isobutyl alcohol	43	3.851	3.851	0.000	96	20046	125.0	117.2	
56 Benzene	78	3.893	3.893	0.000	96	61767	5.00	5.23	
62 1,2-Dichloroethane	62	3.912	3.905	0.007	98	21926	5.00	5.06	
55 Isooctane	57	3.997	3.991	0.006	53	27111	5.00	3.94	
66 Isopropyl acetate	43	4.003	3.997	0.006	95	56932	5.00	5.21	
61 Tert-amyl methyl ether	73	4.027	4.021	0.006	99	48729	5.00	5.31	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	501302	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	91	5548	5.00	1.75	
70 n-Butanol	56	4.520	4.526	-0.006	90	13253	125.0	115.6	
68 Trichloroethene	95	4.544	4.538	0.006	98	14487	5.00	5.07	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	24559	5.00	5.64	
67 Methylcyclohexane	83	4.739	4.745	-0.006	93	8443	5.00	1.87	
71 1,2-Dichloropropane	63	4.775	4.769	0.006	91	16345	5.00	5.26	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	94	42135	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	96	9723	5.00	5.38	
76 1,4-Dioxane	88	4.946	4.940	0.006	30	5053	100.0	107.2	
75 Methyl methacrylate	100	4.946	4.946	0.000	89	10074	10.0	10.8	
77 n-Propyl acetate	43	5.031	5.025	0.006	99	27622	5.00	5.66	
72 Dichlorobromomethane	83	5.086	5.086	0.000	98	17969	5.00	5.04	
83 2-Nitropropane	41	5.353	5.353	0.000	96	8154	10.0	9.87	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	95	11456	5.00	5.19	
82 Epichlorohydrin	57	5.518	5.518	0.000	99	36825	100.0	101.6	
79 cis-1,3-Dichloropropene	75	5.621	5.615	0.006	94	24325	5.00	5.04	
85 4-Methyl-2-pentanone (MIBK	43	5.834	5.834	0.000	97	93079	25.0	26.2	
$ 80 Toluene-d8 (Surr)	98	5.943	5.943	0.000	99	545155	50.0	50.0	
81 Toluene	91	6.023	6.022	0.001	93	62080	5.00	5.17	
86 trans-1,3-Dichloropropene	75	6.333	6.327	0.006	99	20722	5.00	4.81	
88 Ethyl methacrylate	69	6.509	6.509	0.000	89	21216	5.00	5.40	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	92	11796	5.00	5.22	
84 Tetrachloroethene	166	6.734	6.728	0.006	97	11859	5.00	4.59	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	94	25107	5.00	5.36	
93 2-Hexanone	43	6.947	6.947	0.000	97	68384	25.0	27.2	
89 Chlorodibromomethane	129	7.069	7.069	0.000	97	12410	5.00	4.80	
92 n-Butyl acetate	43	7.178	7.172	0.006	98	21414	5.00	5.60	
91 Ethylene Dibromide	107	7.203	7.197	0.006	98	14235	5.00	5.27	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	87	406006	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	94	39249	5.00	5.25	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	93	11532	5.00	4.78	
96 Ethylbenzene	106	8.134	8.133	0.001	99	18968	5.00	4.92	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	23693	5.00	4.97	
99 o-Xylene	106	8.906	8.906	0.000	93	23838	5.00	4.99	
101 Styrene	104	8.937	8.936	0.001	94	41533	5.00	5.06	
102 n-Butyl acrylate	73	8.985	8.985	0.000	98	11679	5.00	5.06	
100 Bromoform	173	9.168	9.162	0.006	93	8219	5.00	4.93	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.001	91	29420	5.00	5.43	
103 Isopropylbenzene	105	9.515	9.514	0.000	96	53471	5.00	4.80	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	89	158086	50.0	49.8	
107 Bromobenzene	156	9.910	9.910	0.000	97	16080	5.00	5.12	
109 1,1,2,2-Tetrachloroethane	83	10.019	10.019	0.000	98	19883	5.00	5.59	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	97	5922	5.00	5.87	
114 trans-1,4-Dichloro-2-buten	53	10.117	10.117	0.000	84	5605	5.00	5.20	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	65164	5.00	4.87	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	43639	5.00	5.19	
111 4-Ethyltoluene	105	10.384	10.384	0.000	99	61438	5.00	5.11	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	47343	5.00	5.16	
113 1,3,5-Trimethylbenzene	105	10.500	10.500	0.000	92	47039	5.00	4.94	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	17770	5.00	4.73	
116 tert-Butylbenzene	119	11.023	11.023	0.000	94	35357	5.00	4.65	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	49499	5.00	4.98	
119 sec-Butylbenzene	105	11.370	11.370	0.000	99	48638	5.00	4.42	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	95	29600	5.00	5.06	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.001	97	217890	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	92	30666	5.00	5.08	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	98	45334	5.00	4.58	
125 Benzyl chloride	126	11.796	11.796	0.000	98	5633	5.00	4.48	
124 2,3-Dihydroindene	117	11.918	11.917	0.001	94	57570	5.00	5.16	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	29547	5.00	5.19	
126 p-Diethylbenzene	119	12.094	12.094	0.000	93	29642	5.00	4.88	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	49914	5.00	4.57	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	93	4059	5.00	5.62	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	49262	5.00	5.06	
131 1,3,5-Trichlorobenzene	180	13.122	13.116	0.006	96	22511	5.00	5.08	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	94	20053	5.00	4.93	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	94	5516	5.00	4.15	
135 Naphthalene	128	13.864	13.864	0.000	99	56780	5.00	5.53	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	19370	5.00	5.07	
S 137 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 138 Xylenes, Total	100				0		10.0	9.97	
S 139 Total BTEX	1				0		25.0	25.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
GAS Hi_00121	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:52:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03953.D

Injection Date: 09-Nov-2015 21:13:30 Instrument ID: CVOAMS12 Operator ID:

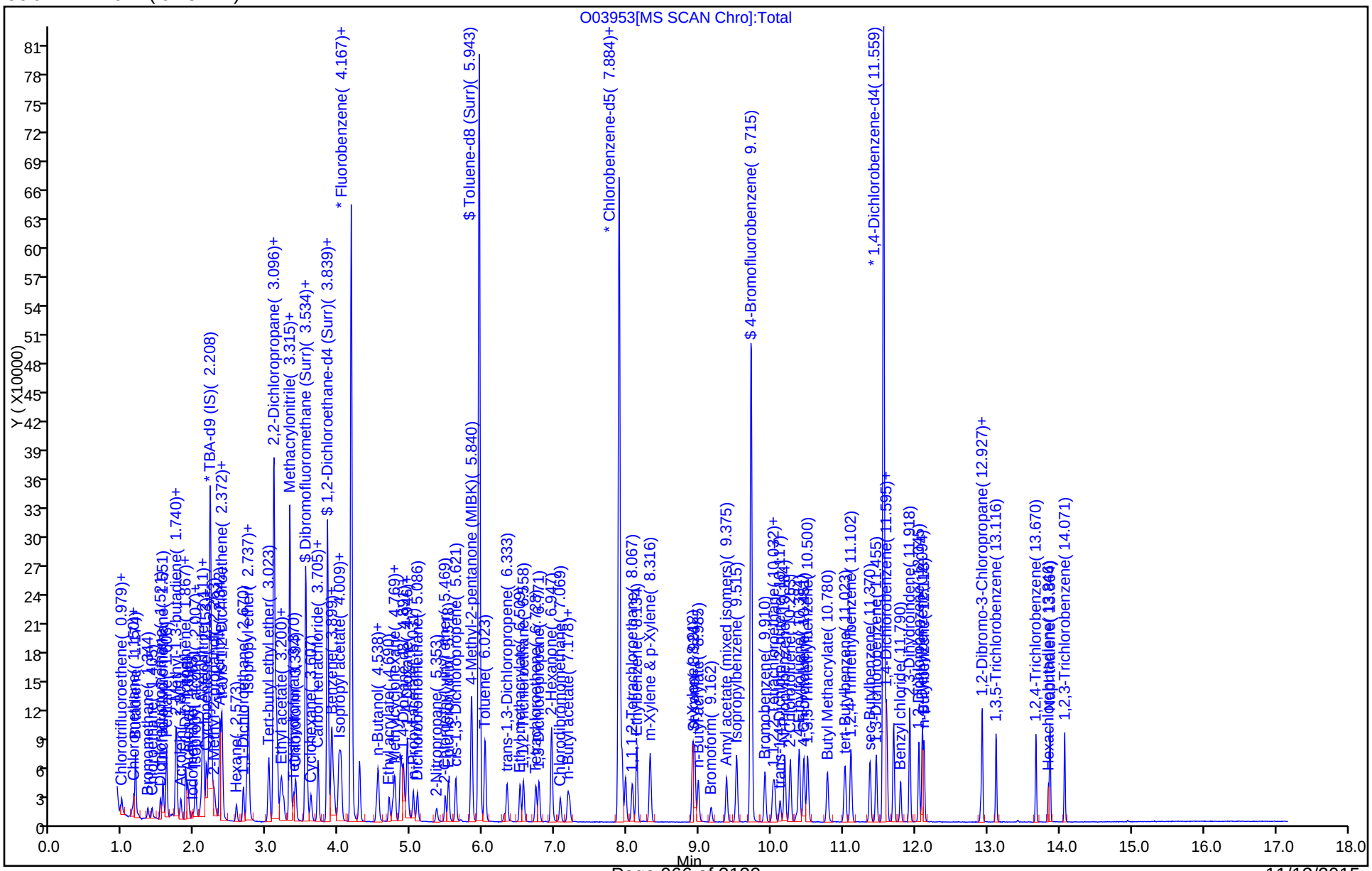
Lims ID: STD5 Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 09-Nov-2015 21:40:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0034002-017
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:52:56 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: kluseys Date: 09-Nov-2015 21:46:42

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	1 Chlorotrifluoroethene	66	0.967	0.961	0.006	86	413	1.00	0.8336	
	2 Dichlorodifluoromethane	85	0.985	0.979	0.006	98	3625	1.00	0.8761	
	4 Chloromethane	50	1.144	1.131	0.013	86	4080	1.00	1.06	
	3 Vinyl chloride	62	1.150	1.150	0.000	94	4593	1.00	1.10	
	5 Butadiene	54	1.168	1.168	0.000	96	3146	1.00	0.8827	
	7 Bromomethane	94	1.338	1.332	0.006	95	1671	1.00	0.9636	
	8 Chloroethane	64	1.399	1.393	0.006	91	2557	1.00	0.9799	
	11 Dichlorofluoromethane	67	1.515	1.515	0.000	98	6745	1.00	1.08	
	10 Trichlorofluoromethane	101	1.551	1.545	0.006	96	3901	1.00	0.9019	
	9 Pentane	72	1.600	1.594	0.006	94	1159	2.00	2.05	
	14 Ethanol	46	1.746	1.691	0.055	53	1491	40.0	51.6	M
	13 Ethyl ether	59	1.728	1.727	0.001	97	3006	1.00	1.00	
	12 2-Methyl-1,3-butadiene	67	1.734	1.734	0.000	97	7677	1.00	1.01	
	15 1,2-Dichloro-1,1,2-trifluo	67	1.734	1.734	0.000	93	7677	1.00	1.01	
	21 Acrolein	56	1.807	1.800	0.007	97	3143	4.00	3.45	
	16 1,1-Dichloroethene	96	1.868	1.861	0.007	96	2592	1.00	1.03	
	18 1,1,2-Trichloro-1,2,2-trif	101	1.874	1.867	0.007	91	1769	1.00	0.7048	
	25 Acetone	58	1.904	1.904	0.000	88	2517	5.00	5.58	
	19 Iodomethane	142	1.959	1.959	0.000	97	2517	1.00	1.20	
	23 Isopropyl alcohol	45	2.001	2.001	0.000	40	3237	10.0	11.0	
	17 Carbon disulfide	76	2.001	2.001	0.000	100	9042	1.00	1.20	M
	22 3-Chloro-1-propene	76	2.093	2.092	0.001	91	2440	1.00	0.5712	
	32 Acetonitrile	41	2.099	2.092	0.007	83	9468	10.0	8.52	
	27 Methyl acetate	74	2.117	2.111	0.006	100	3621	5.00	3.95	
	20 Cyclopentene	67	2.153	2.153	0.000	96	7689	1.00	1.03	
	24 Methylene Chloride	84	2.178	2.178	0.000	88	2969	1.00	0.9672	
*	30 TBA-d9 (IS)	65	2.220	2.214	0.006	98	418134	1000.0	1000.0	
	31 2-Methyl-2-propanol	59	2.275	2.269	0.006	99	5690	10.0	12.4	
	37 Acrylonitrile	53	2.348	2.342	0.006	94	12392	10.0	9.60	
	26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	94	2973	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.379	2.372	0.007	97	8693	1.00	0.9182	
28 Hexane	57	2.573	2.573	0.000	91	2929	1.00	0.7668	
36 1,1-Dichloroethane	63	2.671	2.664	0.007	98	5215	1.00	0.9606	
40 Vinyl acetate	86	2.719	2.713	0.006	100	869	2.00	1.86	
34 Isopropyl ether	45	2.737	2.737	0.000	92	10200	1.00	0.9649	
35 2-Chloro-1,3-butadiene	88	2.737	2.737	0.000	73	2813	1.00	0.9769	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	88	9675	1.00	0.9797	
* 52 2-Butanone-d5	46	3.096	3.090	0.006	0	400634	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.121	3.121	0.000	96	3180	1.00	0.9678	
42 2,2-Dichloropropane	97	3.127	3.121	0.006	1	890	1.00	0.9425	
53 2-Butanone (MEK)	72	3.145	3.139	0.006	99	2489	5.00	4.72	
58 Propionitrile	54	3.188	3.188	0.000	97	5734	10.0	8.42	
47 Ethyl acetate	70	3.212	3.200	0.012	99	596	2.00	1.78	
48 Methyl acrylate	55	3.230	3.224	0.006	98	3640	1.00	0.9899	
59 Methacrylonitrile	67	3.315	3.315	0.000	91	15943	10.0	10.1	
44 Chlorobromomethane	128	3.322	3.321	0.001	43	1251	1.00	0.8753	
49 Tetrahydrofuran	42	3.370	3.370	0.000	86	2345	2.00	1.85	
45 Chloroform	83	3.395	3.394	0.001	98	4580	1.00	0.9266	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	129874	50.0	48.6	
51 1,1,1-Trichloroethane	97	3.553	3.553	0.000	98	3623	1.00	0.9420	
43 Cyclohexane	56	3.607	3.607	0.000	89	3267	1.00	0.6474	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	89	3595	1.00	0.9245	
46 Carbon tetrachloride	117	3.705	3.705	0.000	72	2485	1.00	0.8330	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.839	3.832	0.007	97	175456	50.0	50.2	
63 Isobutyl alcohol	43	3.851	3.851	0.000	43	3228	25.0	18.2	
56 Benzene	78	3.893	3.893	0.000	96	11573	1.00	0.9610	
62 1,2-Dichloroethane	62	3.912	3.905	0.007	97	4538	1.00	1.03	
55 Isooctane	57	3.991	3.991	0.000	81	7219	1.00	1.04	
66 Isopropyl acetate	43	4.003	3.997	0.006	93	10953	1.00	0.9879	
61 Tert-amyl methyl ether	73	4.027	4.021	0.006	98	9124	1.00	0.9801	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	508600	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	35	2689	1.00	0.8376	
70 n-Butanol	56	4.526	4.526	0.000	96	2193	25.0	18.5	
68 Trichloroethene	95	4.544	4.538	0.006	95	2805	1.00	0.9672	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	4234	1.00	0.9581	
67 Methylcyclohexane	83	4.745	4.745	0.000	92	2684	1.00	0.5848	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	90	2796	1.00	0.8874	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	94	43003	1000.0	1000.0	
69 Dibromomethane	93	4.897	4.891	0.006	83	1609	1.00	0.8770	
76 1,4-Dioxane	88	4.946	4.940	0.006	33	2356	50.0	49.0	
75 Methyl methacrylate	100	4.946	4.946	0.000	87	1802	2.00	1.91	
77 n-Propyl acetate	43	5.031	5.025	0.006	98	5301	1.00	1.07	
72 Dichlorobromomethane	83	5.086	5.086	0.000	96	3011	1.00	0.8332	
83 2-Nitropropane	41	5.347	5.353	-0.006	99	1577	2.00	1.88	
78 2-Chloroethyl vinyl ether	63	5.475	5.469	0.006	94	2231	1.00	1.00	
82 Epichlorohydrin	57	5.518	5.518	0.000	98	5664	20.0	15.2	
79 cis-1,3-Dichloropropene	75	5.621	5.615	0.006	92	4349	1.00	0.8840	
85 4-Methyl-2-pentanone (MIBK	43	5.840	5.834	0.006	96	14679	5.00	4.03	
$ 80 Toluene-d8 (Surr)	98	5.944	5.943	0.001	99	539412	50.0	48.5	
81 Toluene	91	6.029	6.022	0.007	92	12119	1.00	0.99	
86 trans-1,3-Dichloropropene	75	6.333	6.327	0.006	96	3720	1.00	0.8479	
88 Ethyl methacrylate	69	6.515	6.509	0.006	90	3313	1.00	0.8274	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	93	2081	1.00	0.9042	
84 Tetrachloroethene	166	6.728	6.728	0.000	94	2543	1.00	0.9666	
90 1,3-Dichloropropane	76	6.777	6.771	0.006	95	4206	1.00	0.8815	
93 2-Hexanone	43	6.953	6.947	0.006	96	10745	5.00	4.16	
89 Chlorodibromomethane	129	7.069	7.069	0.000	95	2269	1.00	0.8610	
92 n-Butyl acetate	43	7.179	7.172	0.006	95	3858	1.00	0.99	
91 Ethylene Dibromide	107	7.197	7.197	0.000	98	2555	1.00	0.9288	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	413700	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	95	7117	1.00	0.9337	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	89	1994	1.00	0.8117	
96 Ethylbenzene	106	8.134	8.133	0.001	99	3616	1.00	0.9203	
98 m-Xylene & p-Xylene	106	8.322	8.316	0.006	97	4500	1.00	0.9269	
99 o-Xylene	106	8.906	8.906	0.000	93	4267	1.00	0.8774	
101 Styrene	104	8.937	8.936	0.001	94	7191	1.00	0.8590	
102 n-Butyl acrylate	73	8.985	8.985	0.000	99	1767	1.00	0.7517	
100 Bromoform	173	9.162	9.162	0.000	95	1507	1.00	0.8874	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.001	91	4788	1.00	0.8691	
103 Isopropylbenzene	105	9.521	9.514	0.007	97	10085	1.00	0.8889	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	88	157775	50.0	48.8	
107 Bromobenzene	156	9.910	9.910	0.000	97	3035	1.00	0.9521	
109 1,1,2,2-Tetrachloroethane	83	10.020	10.019	0.001	96	3367	1.00	0.9325	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	95	930	1.00	0.9078	
114 trans-1,4-Dichloro-2-buten	53	10.123	10.117	0.006	79	1003	1.00	0.9165	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	12543	1.00	0.9222	
110 2-Chlorotoluene	91	10.263	10.263	0.000	96	7913	1.00	0.9264	
111 4-Ethyltoluene	105	10.385	10.384	0.001	99	12468	1.00	1.02	
115 4-Chlorotoluene	91	10.451	10.451	0.000	97	8874	1.00	0.9516	
113 1,3,5-Trimethylbenzene	105	10.506	10.500	0.006	93	8675	1.00	0.8961	
118 Butyl Methacrylate	87	10.780	10.780	0.000	95	2761	1.00	0.7230	
116 tert-Butylbenzene	119	11.017	11.023	-0.006	93	6781	1.00	0.8787	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	8832	1.00	0.8747	
119 sec-Butylbenzene	105	11.370	11.370	0.000	99	9911	1.00	0.8863	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	95	5986	1.00	1.01	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.001	97	221356	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	94	6081	1.00	0.99	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	96	9063	1.00	0.9019	
125 Benzyl chloride	126	11.796	11.796	0.000	99	1022	1.00	0.7996	
124 2,3-Dihydroindene	117	11.924	11.917	0.007	94	10845	1.00	0.9575	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	5333	1.00	0.9223	
126 p-Diethylbenzene	119	12.094	12.094	0.000	92	6185	1.00	1.00	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	10469	1.00	0.9438	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	86	635	1.00	0.8647	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	98	9433	1.00	0.9544	
131 1,3,5-Trichlorobenzene	180	13.116	13.116	0.000	94	4975	1.00	1.10	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	93	4362	1.00	1.05	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	91	1201	1.00	0.8897	
135 Naphthalene	128	13.864	13.864	0.000	99	12079	1.00	1.16	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	4183	1.00	1.08	
S 137 1,2-Dichloroethene, Total	100				0		2.00	1.96	
S 138 Xylenes, Total	100				0		2.00	1.80	
S 139 Total BTEX	1				0		5.00	4.68	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GAS Hi_00121	Amount Added:	1.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
14DIOXINTER_00046	Amount Added:	30.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:52:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Injection Date: 09-Nov-2015 21:40:30 Instrument ID: CVOAMS12 Operator ID:

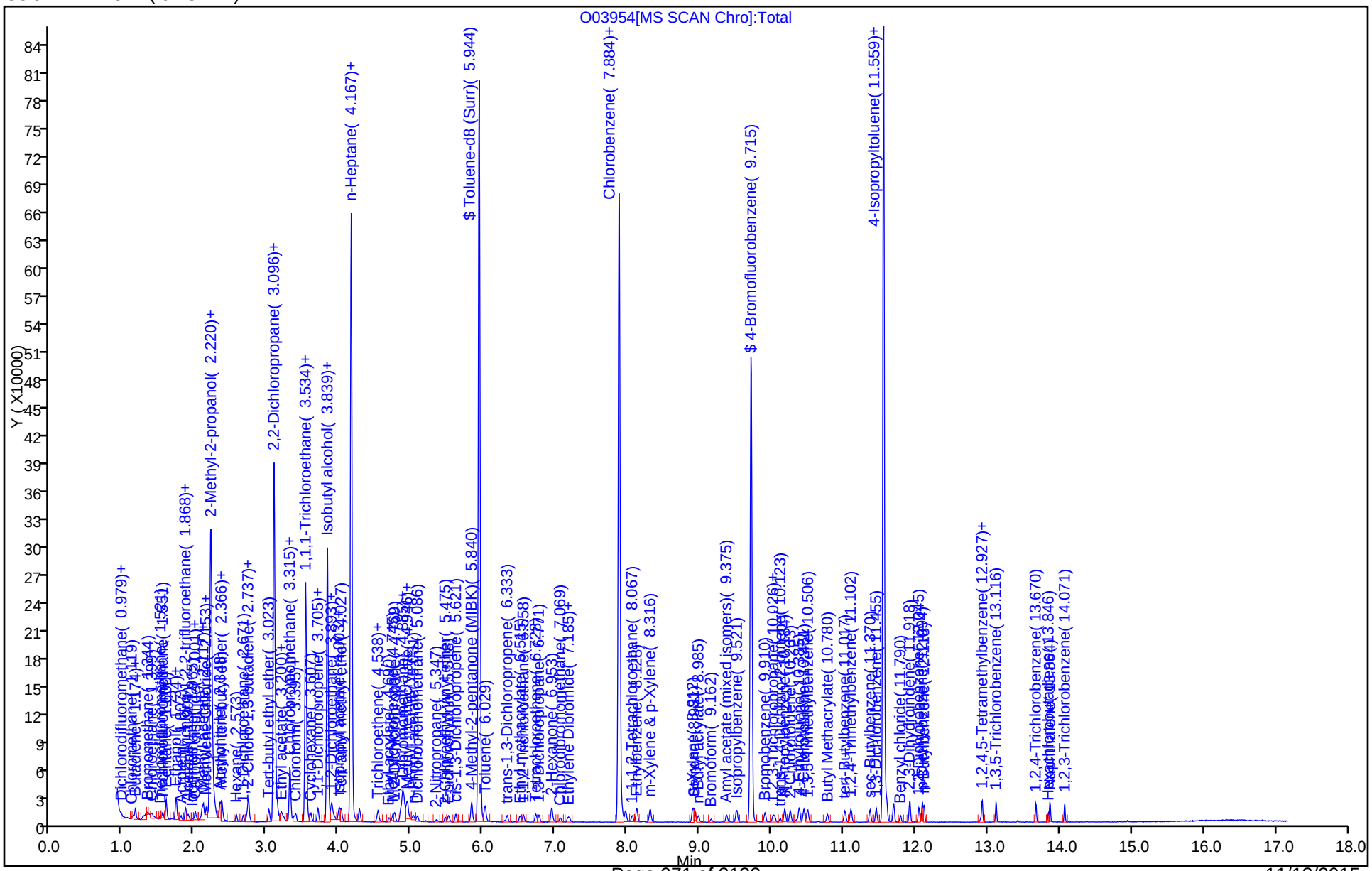
Lims ID: STD1 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-332444/2	B89351.D
Level 2	STD1 460-332444/3	B89352.D
Level 3	STD5 460-332444/4	B89353.D
Level 4	STD20 460-332444/5	B89354.D
Level 5	STD50 460-332444/6	B89355.D
Level 6	STD200 460-332444/7	B89356.D
Level 7	STD500 460-332444/8	B89357.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								
Chlorotrifluoroethene	+++++ 0.0466	0.0444 0.0474	0.0622	0.0545	0.0524	Ave		0.0512				12.8		20.0			
Dichlorodifluoromethane	+++++ 0.3663	0.3579 0.3623	0.4070	0.3488	0.3990	Ave		0.3735			0.1000	6.3		20.0			
Chloromethane	+++++ 0.2206	0.2945 0.2182	0.2649	0.2353	0.2414	Ave		0.2458			0.1000	11.9		20.0			
Butadiene	+++++ 0.2120	0.2369 0.2188	0.2355	0.2071	0.2262	Ave		0.2228				5.5		20.0			
Vinyl chloride	+++++ 0.2607	0.3284 0.2589	0.3405	0.2726	0.2766	Ave		0.2896			0.1000	12.3		20.0			
Bromomethane	+++++ 0.2116	0.2615 0.2126	0.2831	0.2454	0.2337	Ave		0.2413			0.1000	11.6		20.0			
Chloroethane	+++++ 0.1437	0.1786 0.1424	0.2059	0.1629	0.1586	Ave		0.1654			0.1000	14.5		20.0			
Trichlorofluoromethane	+++++ 0.4599	0.4722 0.4576	0.5107	0.4617	0.5067	Ave		0.4781			0.1000	5.1		20.0			
Dichlorofluoromethane	+++++ 0.4818	0.5405 0.4733	0.6592	0.5117	0.5216	Ave		0.5313				12.7		20.0			
Pentane	+++++ 0.0331	0.0206 0.0298	0.0413	0.0309	0.0327	QuaF		0.0349	-0.000005						1.0000		0.9900
Ethyl ether	+++++ 0.1866	0.1756 0.1752	0.2516	0.2085	0.1993	Ave		0.1995				14.4		20.0			
Ethanol	+++++ 0.0160	0.0133 +++++	0.0107	0.0163	0.0155	Ave		0.0143				16.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.2181	0.2139 0.2043	0.2536	0.1929	0.2102	Ave		0.2155				9.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2435	0.2966 0.2344	0.3383	0.2615	0.2645	Ave		0.2731				14.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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								
Acrolein	+++++ 2.5530	3.2926 2.3775	2.7499	2.4863	2.5304	Ave		2.6649				12.4		20.0			
Freon TF	+++++ 0.2703	0.2414 0.2585	0.2932	0.2366	0.2845	Ave		0.2641			0.1000	8.7		20.0			
1,1-Dichloroethene	+++++ 0.2785	0.2963 0.2622	0.3758	0.2917	0.2910	Ave		0.2993			0.1000	13.2		20.0			
Acetone	+++++ 0.6564	0.8853 0.6594	0.6480	0.6698	0.6811	Ave		0.7000			0.0500	13.1		20.0			
Iodomethane	+++++ 0.5887	0.6464 0.5384	0.7885	0.6364	0.6231	Ave		0.6369				13.2		20.0			
Carbon disulfide	+++++ 0.9158	0.8320 0.8653	1.1153	0.9128	0.9466	Ave		0.9313			0.1000	10.6		20.0			
Isopropyl alcohol	+++++ 0.3044	0.1113 0.3594	0.4099	0.3000	0.3122	QuaF		0.2735	0.0000172						1.0000		0.9900
Allyl chloride	+++++ 0.1596	0.1631 0.1478	0.1992	0.1606	0.1614	Ave		0.1653				10.6		20.0			
Cyclopentene	+++++ 0.6419	0.7312 0.5796	0.8134	0.5317	0.6081	Ave		0.6510				16.0		20.0			
Methyl acetate	+++++ 0.1696	0.1591 0.1509	0.2252	0.1748	0.1707	Ave		0.1750			0.1000	14.9		20.0			
Acetonitrile	+++++ 0.0208	0.0221 0.0176	0.0228	0.0194	0.0200	Ave		0.0204				9.2		20.0			
Methylene Chloride	+++++ 0.2946	0.3370 0.2748	0.4057	0.3294	0.3085	Ave		0.3250			0.1000	14.0		20.0			
2-Methyl-2-propanol	+++++ 0.9648	1.0424 0.9931	1.1193	1.0446	1.0124	Ave		1.0295				5.2		20.0			
MTBE	+++++ 0.8184	0.8630 0.7629	1.1236	0.8884	0.8700	Ave		0.8877			0.1000	14.0		20.0			
trans-1,2-Dichloroethene	+++++ 0.2966	0.3666 0.2762	0.3955	0.3054	0.3052	Ave		0.3242			0.1000	14.2		20.0			
Acrylonitrile	0.0393 0.0771	0.0645 0.0692	0.0976	0.0791	0.0780	QuaF		0.0819	-0.000003						1.0000		0.9900
Hexane	+++++ 0.0920	0.0915 0.0880	0.1083	0.0741	0.1107	Ave		0.0941				14.5		20.0			
Isopropyl ether	+++++ 0.6813	0.6937 0.6196	0.8931	0.7237	0.7026	Ave		0.7190				12.8		20.0			
1,1-Dichloroethane	+++++ 0.4524	0.4419 0.4218	0.6046	0.4851	0.4808	Ave		0.4811			0.2000	13.5		20.0			
Vinyl acetate	+++++ 0.0354	0.0313 0.0336	0.0415	0.0340	0.0320	Ave		0.0346				10.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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-Chloro-1,3-butadiene	+++++ 0.2756	0.2894 0.2472	0.2998	0.2455	0.2541	Ave		0.2686				8.6		20.0			
Tert-butyl ethyl ether	+++++ 0.7986	0.8498 0.7279	1.0993	0.8127	0.8184	Ave		0.8511				15.1		20.0			
2,2-Dichloropropane	+++++ 0.2112	0.4089 0.1966	0.3208	0.2253	0.2198	QuaF		0.2214	-0.000050						1.0000		0.9900
cis-1,2-Dichloroethene	+++++ 0.3223	0.3906 0.2988	0.4347	0.3433	0.3239	Ave		0.3523			0.1000	14.4		20.0			
2-Butanone	+++++ 0.3070	0.3448 0.3059	0.4321	0.3238	0.3249	Ave		0.3398			0.0500	14.0		20.0			
Ethyl acetate	+++++ 0.2584	0.0435 0.2589	0.3790	0.2547	0.2653	QuaF		0.2591	0						1.0000		0.9900
Methyl acrylate	+++++ 0.1864	0.1849 0.1769	0.2181	0.1866	0.1862	Ave		0.1898				7.5		20.0			
Propionitrile	+++++ 1.4076	0.9566 1.4244	1.5875	1.3881	1.4239	Ave		1.3647				15.6		20.0			
Tetrahydrofuran	+++++ 0.4048	0.3675 0.3797	0.5247	0.4497	0.4357	Ave		0.4270				13.4		20.0			
Bromochloromethane	+++++ 0.1740	0.1905 0.1634	0.2424	0.1818	0.1842	Ave		0.1894				14.6		20.0			
Methacrylonitrile	+++++ 0.1009	0.0849 0.0889	0.1354	0.1023	0.1007	Ave		0.1022				17.4		20.0			
Chloroform	+++++ 0.4972	0.5066 0.4638	0.6547	0.5252	0.5033	Ave		0.5251			0.2000	12.7		20.0			
Cyclohexane	+++++ 0.2988	0.2592 0.2830	0.3195	0.2690	0.3259	Ave		0.2926			0.1000	9.2		20.0			
1,1,1-Trichloroethane	+++++ 0.4652	0.5799 0.4363	0.5645	0.4412	0.4791	Ave		0.4944			0.1000	12.6		20.0			
Carbon tetrachloride	+++++ 0.4089	0.3818 0.3896	0.4420	0.3628	0.4176	Ave		0.4004			0.1000	7.0		20.0			
1,1-Dichloropropene	+++++ 0.3487	0.3850 0.3275	0.4189	0.3257	0.3532	Ave		0.3598				10.0		20.0			
2,2,4-Trimethylpentane	+++++ 0.3544	0.3474 0.3347	0.3740	0.2950	0.3309	Ave		0.3394				7.9		20.0			
Benzene	+++++ 1.1433	1.2091 1.1068	1.3746	1.1638	1.1658	Ave		1.1939			0.5000	7.9		20.0			
Isobutyl alcohol	+++++ 0.3898	0.2783 0.3954	0.3041	0.3199	0.3459	Ave		0.3389				13.9		20.0			
Tert-amyl methyl ether	+++++ 0.9135	0.8505 0.8090	1.1797	0.9191	0.9204	Ave		0.9320				13.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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	+++++ 0.2783	0.3089 0.2508	0.3763	0.2734	0.2799	Ave		0.2946				15.0		20.0			
1,2-Dichloroethane	+++++ 0.3638	0.4669 0.3462	0.5257	0.3869	0.3814	Ave		0.4118			0.1000	16.9		20.0			
n-Heptane	+++++ 0.0703	0.0738 0.0681	0.0720	0.0608	0.0767	Ave		0.0703				7.8		20.0			
Trichloroethene	+++++ 0.2854	0.2289 0.2744	0.3399	0.2793	0.2873	Ave		0.2825			0.2000	12.5		20.0			
n-Butanol	+++++ 0.1178	0.1190 0.1506	0.0775	0.0649	0.0930	Qua2	1.1121	0.0730	0.0000066						0.9900		0.9900
Methylcyclohexane	+++++ 0.2584	0.1900 0.2430	0.2407	0.2222	0.2725	Ave		0.2378			0.1000	12.2		20.0			
Ethyl acrylate	+++++ 0.2906	0.2244 0.2644	0.2780	0.2514	0.2656	Ave		0.2624				8.7		20.0			
1,2-Dichloropropane	+++++ 0.2294	0.2424 0.2167	0.3075	0.2288	0.2337	Ave		0.2431			0.1000	13.4		20.0			
Methyl methacrylate	+++++ 0.0812	0.0814 0.0754	0.0978	0.0794	0.0799	Ave		0.0825				9.5		20.0			
Dibromomethane	+++++ 0.1777	0.2150 0.1705	0.2351	0.1863	0.1776	Ave		0.1937				13.2		20.0			
1,4-Dioxane	+++++ 0.5946	0.4153 0.5646	0.7400	0.6701	0.7864	QuaF		0.6400	-0.000008						0.9990		0.9900
n-Propyl acetate	+++++ 0.2721	0.2313 0.2499	0.3125	0.2821	0.2545	Ave		0.2671				10.6		20.0			
Bromodichloromethane	+++++ 0.3757	0.2886 0.3637	0.4412	0.3732	0.3685	Ave		0.3685			0.2000	13.2		20.0			
2-Nitropropane	+++++ 0.0664	0.0418 0.0608	0.0595	0.0604	0.0632	Ave		0.0587				14.7		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1547	0.1224 0.1432	0.1757	0.1583	0.1534	Ave		0.1513				11.7		20.0			
Epichlorohydrin	0.0780 0.2586	0.1798 0.2450	0.3249	0.2559	0.2700	QuaF		0.2681	-0.000002						1.0000		0.9900
cis-1,3-Dichloropropene	+++++ 0.4603	0.4244 0.4666	0.5657	0.4717	0.4718	Ave		0.4768			0.2000	9.9		20.0			
4-Methyl-2-pentanone	+++++ 2.6313	2.8333 2.4488	3.5706	2.8631	2.8421	Ave		2.8649			0.0500	13.3		20.0			
Toluene	+++++ 1.2237	1.1975 1.1697	1.4568	1.2483	1.2698	Ave		1.2610			0.4000	8.1		20.0			
trans-1,3-Dichloropropene	+++++ 0.4329	0.3350 0.4369	0.4994	0.4288	0.4344	Ave		0.4279			0.1000	12.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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	+++++ 0.3703	0.2453 0.3632	0.4103	0.3628	0.3691	Ave		0.3535				15.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2266	0.2084 0.2240	0.2686	0.2309	0.2321	Ave		0.2318			0.1000	8.6		20.0			
Tetrachloroethene	+++++ 0.3370	0.3638 0.3234	0.3497	0.3285	0.3537	Ave		0.3427			0.2000	4.6		20.0			
1,3-Dichloropropane	+++++ 0.4291	0.4685 0.4231	0.5876	0.4627	0.4470	Ave		0.4697				12.9		20.0			
2-Hexanone	+++++ 1.6599	1.4170 1.5190	1.8803	1.6659	1.7685	Ave		1.6518			0.0500	10.1		20.0			
Dibromochloromethane	+++++ 0.3727	0.2996 0.3724	0.4122	0.3743	0.3711	Ave		0.3671			0.1000	10.0		20.0			
n-Butyl acetate	+++++ 0.0610	0.0354 0.0571	0.0644	0.0597	0.0594	Ave		0.0562				18.6		20.0			
1,2-Dibromoethane	+++++ 0.3139	0.2822 0.3087	0.4297	0.3119	0.3132	Ave		0.3266			0.1000	15.9		20.0			
Chlorobenzene	+++++ 0.8924	0.9040 0.8499	1.1325	0.9376	0.9430	Ave		0.9432			0.5000	10.5		20.0			
Ethylbenzene	+++++ 0.4509	0.4554 0.4324	0.5323	0.4583	0.4783	Ave		0.4679			0.1000	7.4		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3759	0.3293 0.3726	0.4470	0.3694	0.3775	Ave		0.3786				10.0		20.0			
m-Xylene & p-Xylene	+++++ 0.5546	0.6274 0.5357	0.6525	0.5743	0.5944	Ave		0.5898			0.1000	7.5		20.0			
o-Xylene	+++++ 0.5913	0.5717 0.5652	0.6801	0.6059	0.6261	Ave		0.6067			0.3000	7.0		20.0			
n-Butyl acrylate	+++++ 0.2673	0.1865 0.2596	0.2832	0.2424	0.2549	Ave		0.2490				13.4		20.0			
Styrene	+++++ 0.9846	0.9732 0.9136	1.1213	1.0212	1.0439	Ave		1.0096			0.3000	7.0		20.0			
Amyl acetate (mixed isomers)	+++++ 0.7821	0.5994 0.7362	0.8195	0.7232	0.7151	Ave		0.7292				10.3		20.0			
Bromoform	+++++ 0.2764	0.2123 0.2708	0.2866	0.2506	0.2637	Ave		0.2601			0.1000	10.1		20.0			
Isopropylbenzene	+++++ 1.2328	1.1594 1.1221	1.3376	1.2150	1.3253	Ave		1.2320			0.1000	7.0		20.0			
Bromobenzene	+++++ 0.7011	0.7752 0.6762	0.8806	0.7427	0.7338	Ave		0.7516				9.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6050	0.6081 0.5741	0.7772	0.6109	0.6136	Ave		0.6315			0.3000	11.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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								
N-Propylbenzene	+++++ 1.9863	2.1184 1.7692	2.2605	1.9191	2.1270	Ave		2.0301				8.6		20.0			
1,2,3-Trichloropropane	+++++ 0.2046	0.1696 0.1948	0.2754	0.2186	0.2102	Ave		0.2122				16.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1588	0.1112 0.1563	0.1834	0.1500	0.1498	Ave		0.1516				15.4		20.0			
2-Chlorotoluene	+++++ 1.5842	1.6265 1.4449	1.8228	1.5577	1.6398	Ave		1.6127				7.7		20.0			
4-Ethyltoluene	+++++ 1.9151	1.9085 1.6723	2.4285	1.8327	1.9145	Ave		1.9453				13.1		20.0			
1,3,5-Trimethylbenzene	+++++ 1.5578	1.7516 1.4516	1.8293	1.5708	1.6526	Ave		1.6356				8.4		20.0			
4-Chlorotoluene	+++++ 1.4692	1.4395 1.3574	1.6777	1.5059	1.5684	Ave		1.5030				7.4		20.0			
Butyl Methacrylate	+++++ 0.7858	0.5535 0.7499	0.8022	0.7174	0.7455	Ave		0.7257				12.4		20.0			
tert-Butylbenzene	+++++ 1.2691	1.3257 1.1976	1.2656	1.1621	1.3108	Ave		1.2552				5.1		20.0			
1,2,4-Trimethylbenzene	+++++ 1.6960	1.9272 1.5408	1.9891	1.6579	1.7978	Ave		1.7681				9.6		20.0			
sec-Butylbenzene	+++++ 1.6738	1.6920 1.5295	1.6296	1.5278	1.7532	Ave		1.6343				5.6		20.0			
4-Isopropyltoluene	+++++ 1.5375	1.5118 1.3987	1.5386	1.4511	1.6155	Ave		1.5089				5.0		20.0			
1,3-Dichlorobenzene	+++++ 1.1118	1.1705 1.0323	1.4086	1.1631	1.1639	Ave		1.1750			0.6000	10.7		20.0			
1,4-Dichlorobenzene	+++++ 1.1547	1.2803 1.0597	1.4519	1.2356	1.2456	Ave		1.2380			0.5000	10.6		20.0			
Benzyl chloride	+++++ 1.3341	1.1091 1.2112	1.4014	1.2105	1.2813	Ave		1.2579				8.2		20.0			
Indan	+++++ 2.0877	2.0014 1.7953	2.7727	2.2166	2.1635	Ave		2.1729				15.1		20.0			
p-Diethylbenzene	+++++ 0.9092	0.9138 0.8265	1.0807	0.8830	0.8776	Ave		0.9151				9.5		20.0			
n-Butylbenzene	+++++ 1.4170	1.3722 1.3270	1.4315	1.3462	1.4716	Ave		1.3943				4.0		20.0			
1,2-Dichlorobenzene	+++++ 1.1676	1.2150 1.0774	1.5234	1.2231	1.2455	Ave		1.2420			0.4000	12.1		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.6110	1.6228 1.4262	2.0634	1.5919	1.5933	Ave		1.6514				13.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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								
1,2-Dibromo-3-Chloropropane	+++++ 0.1145	0.1259 0.1120	0.1348	0.1057	0.1094	Ave		0.1171			0.0500	9.5		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7475	0.8466 0.6925	0.9405	0.7625	0.7716	Ave		0.7935				11.0		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7206	0.7590 0.6940	0.8627	0.7373	0.7498	Ave		0.7539			0.2000	7.7		20.0			
Hexachlorobutadiene	+++++ 0.2921	0.3330 0.2922	0.2792	0.2668	0.3141	Ave		0.2962				8.1		20.0			
Naphthalene	+++++ 2.0171	1.9297 1.8018	2.3245	2.0007	2.0982	Ave		2.0287				8.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6565	0.7738 0.6221	0.7538	0.6806	0.6801	Ave		0.6945				8.4		20.0			
Dibromofluoromethane (Surr)	0.2489 0.2580	0.2467 0.2341	0.2661	0.2630	0.2603	Ave		0.2539				4.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2523 0.2662	0.2471 0.2608	0.2634	0.2677	0.2567	Ave		0.2592				2.9		20.0			
Toluene-d8 (Surr)	0.9848 0.9855	0.9440 0.9707	0.9921	1.0138	0.9804	Ave		0.9816				2.2		20.0			
Bromofluorobenzene	0.4227 0.4227	0.4096 0.4191	0.4281	0.4482	0.4360	Ave		0.4266				2.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-332444/2	B89351.D
Level 2	STD1 460-332444/3	B89352.D
Level 3	STD5 460-332444/4	B89353.D
Level 4	STD20 460-332444/5	B89354.D
Level 5	STD50 460-332444/6	B89355.D
Level 6	STD200 460-332444/7	B89356.D
Level 7	STD500 460-332444/8	B89357.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
Chlorotrifluoroethene	FB	Ave	+++++ 102468	490 279265	3290	11369	28191	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 805516	3950 2134213	21541	72805	214448	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 485247	3250 1285309	14019	49120	129743	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	+++++ 466359	2615 1288659	12466	43232	121553	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 573369	3624 1525269	18021	56896	148685	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 465294	2886 1252180	14984	51215	125621	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 316126	1971 838854	10897	34003	85255	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 1011372	5211 2695544	27029	96373	272337	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1059539	5965 2787755	34891	106812	280340	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	QuaF	+++++ 145418	455 350599	4376	12919	35154	+++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	+++++ 410496	1938 1032174	13315	43515	107099	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBA	Ave	+++++ 26813	104 +++++	423	2545	6020	+++++ 8000	40.0 +++++	200	800	2000
2-Methyl-1,3-butadiene	FB	Ave	+++++ 479672	2361 1203135	13422	40264	112968	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 535633	3273 1380570	17905	54581	142188	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBA	Ave	+++++ 107021	2580 190767	10857	19399	49278	+++++ 200	4.00 400	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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
Freon TF	FB	Ave	+++++ 594429	2664 1522484	15520	49375	152917	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 612532	3270 1544508	19890	60888	156410	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 548967	3258 1424509	12084	49133	128040	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 1294847	7134 3171034	41734	132831	334901	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon disulfide	FB	Ave	+++++ 2014114	9182 5096886	59033	190520	508763	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBA	QuaF	+++++ 127619	218 360460	4046	11704	30396	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	Ave	+++++ 350943	1800 870617	10544	33531	86737	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1411843	8070 3413943	43054	110988	326826	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 1864768	8777 4443721	59592	182403	458793	+++++ 1000	5.00 2500	25.0	100	250
Acetonitrile	FB	Ave	+++++ 458014	2439 1034828	12056	40584	107397	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 647961	3719 1618607	21473	68752	165809	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBA	Ave	+++++ 404466	2042 996091	11048	40754	98577	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 1799956	9524 4493533	59468	185424	467609	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 652426	4046 1626741	20932	63748	164020	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	903 1695001	7121 4074964	51656	165079	419181	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 202391	1010 518122	5733	15457	59520	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1498428	7656 3649729	47268	151052	377640	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 994917	4877 2484757	31999	101253	258431	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 155848	691 395301	4390	14204	34423	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 606164	3194 1456184	15867	51233	136590	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1756497	9379 4287333	58184	169627	439852	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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
2,2-Dichloropropane	FB	QuaF	+++++ 464406	4513 1157736	16979	47030	118138	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 708853	4311 1759965	23009	71655	174095	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 256799	1269 660786	8058	23755	61087	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	QuaF	+++++ 86434	64 223736	2827	7473	19949	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 409893	2041 1041700	11543	38943	100101	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBA	Ave	+++++ 590054	1874 1428607	15669	54154	138651	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 135406	541 328091	3914	13195	32761	+++++ 400	2.00 1000	10.0	40.0	100
Bromochloromethane	FB	Ave	+++++ 382755	2102 962570	12831	37946	99016	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 2218337	9373 5234985	71670	213499	541489	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1093517	5591 2731661	34651	109634	270519	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 657212	2861 1667153	16909	56142	175171	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 1023141	6400 2569876	29878	92099	257525	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 899246	4214 2294761	23393	75717	224469	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 766828	4249 1928787	22170	67989	189866	+++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	+++++ 779373	3834 1971350	19797	61580	177853	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBZ	Ave	+++++ 2278152	12170 5615840	67066	220876	572593	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBA	Ave	+++++ 408482	1363 991523	7503	31200	84196	+++++ 5000	25.0 12500	125	500	1250
Tert-amyl methyl ether	FB	Ave	+++++ 2009153	9386 4765057	62439	191847	494686	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 612009	3409 1477234	19917	57068	150454	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 800067	5153 2039417	27822	80757	205021	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 154565	814 400946	3811	12698	41200	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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
Trichloroethene	FB	Ave	+++++ 627584	2526 1616522	17991	58297	154397	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBA	Qua2	+++++ 123463	583 377527	1913	6327	22631	+++++ 5000	25.0 12500	125	500	1250
Methylcyclohexane	FB	Ave	+++++ 568383	2097 1431087	12741	46376	146444	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 639234	2477 1557552	14715	52484	142765	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 504486	2675 1276530	16277	47766	125633	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 357184	1796 888460	10358	33143	85890	+++++ 400	2.00 1000	10.0	40.0	100
Dibromomethane	FB	Ave	+++++ 390879	2373 1004546	12444	38895	95482	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	QuaF	+++++ 60171	434 163817	1675	6092	15410	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 598449	2553 1471891	16538	58892	136791	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 826388	3185 2142224	23350	77901	198073	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 292124	922 715948	6297	25229	67980	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 340174	1351 843407	9298	33040	82428	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	258 865169	2647 2117047	24232	75075	203003	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBZ	Ave	+++++ 917132	4272 2367630	27602	89530	231733	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	+++++ 2200713	10427 5290312	66584	210026	534319	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBZ	Ave	+++++ 2438314	12053 5935055	71076	236905	623685	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	+++++ 862504	3372 2216882	24367	81372	213384	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	+++++ 737756	2469 1842792	20017	68858	181311	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 451467	2098 1136363	13104	43820	113980	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBZ	Ave	+++++ 671527	3662 1640745	17063	62345	173747	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	+++++ 855008	4716 2146834	28668	87817	219544	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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
2-Hexanone	BUT	Ave	+++++ 1388236	5215 3281598	35063	122205	332469	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBZ	Ave	+++++ 742649	3016 1889743	20110	71031	182288	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	+++++ 121546	356 289592	3140	11323	29200	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	+++++ 625429	2840 1566261	20963	59201	153822	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	+++++ 1778061	9099 4312414	55255	177946	463178	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	+++++ 898415	4584 2194134	25969	86985	234918	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 749091	3315 1890363	21811	70114	185438	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	+++++ 1104968	6315 2718071	31835	108993	291942	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBZ	Ave	+++++ 1178240	5754 2867923	33180	114999	307541	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBZ	Ave	+++++ 532537	1877 1317123	13815	46012	125188	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBZ	Ave	+++++ 1961859	9796 4635322	54706	193813	512723	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCB	Ave	+++++ 988852	3904 2377605	25476	89358	226670	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBZ	Ave	+++++ 550684	2137 1373858	13985	47557	129545	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBZ	Ave	+++++ 2456313	11670 5693192	65262	230594	650976	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCB	Ave	+++++ 886398	5049 2183760	27375	91763	232601	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	+++++ 764867	3961 1853922	24162	75488	194525	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	+++++ 2511263	13798 5713647	70273	237124	674264	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	+++++ 258700	1105 629050	8563	27013	66632	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 200734	724 504792	5702	18530	47493	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	+++++ 2002883	10594 4666295	56668	192469	519818	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	+++++ 2421219	12431 5400841	75498	226444	606891	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1969531	11409 4688026	56869	194091	523855	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCB	Ave	+++++ 1857435	9376 4383593	52155	186072	497176	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCB	Ave	+++++ 993538	3605 2421804	24940	88638	236337	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	+++++ 1604547	8635 3867800	39344	143584	415535	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	+++++ 2144182	12553 4975865	61836	204850	569908	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	+++++ 2116201	11021 4939664	50661	188778	555770	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	+++++ 1943818	9847 4517234	47831	179303	512111	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	+++++ 1405690	7624 3333758	43791	143706	368952	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	+++++ 1459938	8339 3422223	45138	152671	394860	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	+++++ 1686676	7224 3911449	43567	149563	406159	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCB	Ave	+++++ 2639452	13036 5797959	86197	273877	685833	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	+++++ 1149486	5952 2669268	33596	109106	278191	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	+++++ 1791504	8938 4285604	44501	166337	466496	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	+++++ 1476143	7914 3479515	47359	151125	394816	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	+++++ 2036773	10570 4605887	64147	196698	505081	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 144751	820 361600	4192	13058	34693	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCB	Ave	+++++ 945019	5514 2236285	29238	94210	244585	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 911049	4944 2241261	26818	91105	237686	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCB	Ave	+++++ 369319	2169 943657	8681	32960	99563	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCB	Ave	+++++ 2550200	12569 5818886	72264	247206	665127	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 830001	5040 2009154	23435	84095	215589	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332444

SDG No.:

Instrument ID: CVOAMS2 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/31/2015 13:26 Calibration End Date: 10/31/2015 15:49 Calibration ID: 53039

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	142972 141874	136135 137900	140865	137256	139892	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	144945 146358	136344 153620	139409	139700	137988	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	509929 490904	475098 492509	484036	481017	481568	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	218877 210555	206148 212635	208858	212650	214162	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89351.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 31-Oct-2015 13:26:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0033659-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:36:06 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:33:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	86	156363	1000.0	1000.0	
31 Acrylonitrile	53	2.854	2.830	0.024	68	903	2.00	0.9601	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	100	165412	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	142972	50.0	49.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	144945	50.0	48.7	
* 62 Fluorobenzene	96	4.879	4.887	-0.008	100	574385	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.735	-0.008	87	19915	1000.0	1000.0	M
77 Epichlorohydrin	57	6.566	6.549	0.017	1	258	5.00	1.45	M
$ 80 Toluene-d8 (Surr)	98	6.862	6.870	-0.008	99	509929	50.0	50.2	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	517777	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	218877	50.0	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	379637	50.0	50.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	0.00	Units: uL	
GAS Hi_00119	Amount Added:	0.00	Units: uL	
MIX I Hi_00048	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	0.00	Units: uL	
14DIOXINTER_00045	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00015	Amount Added:	2.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

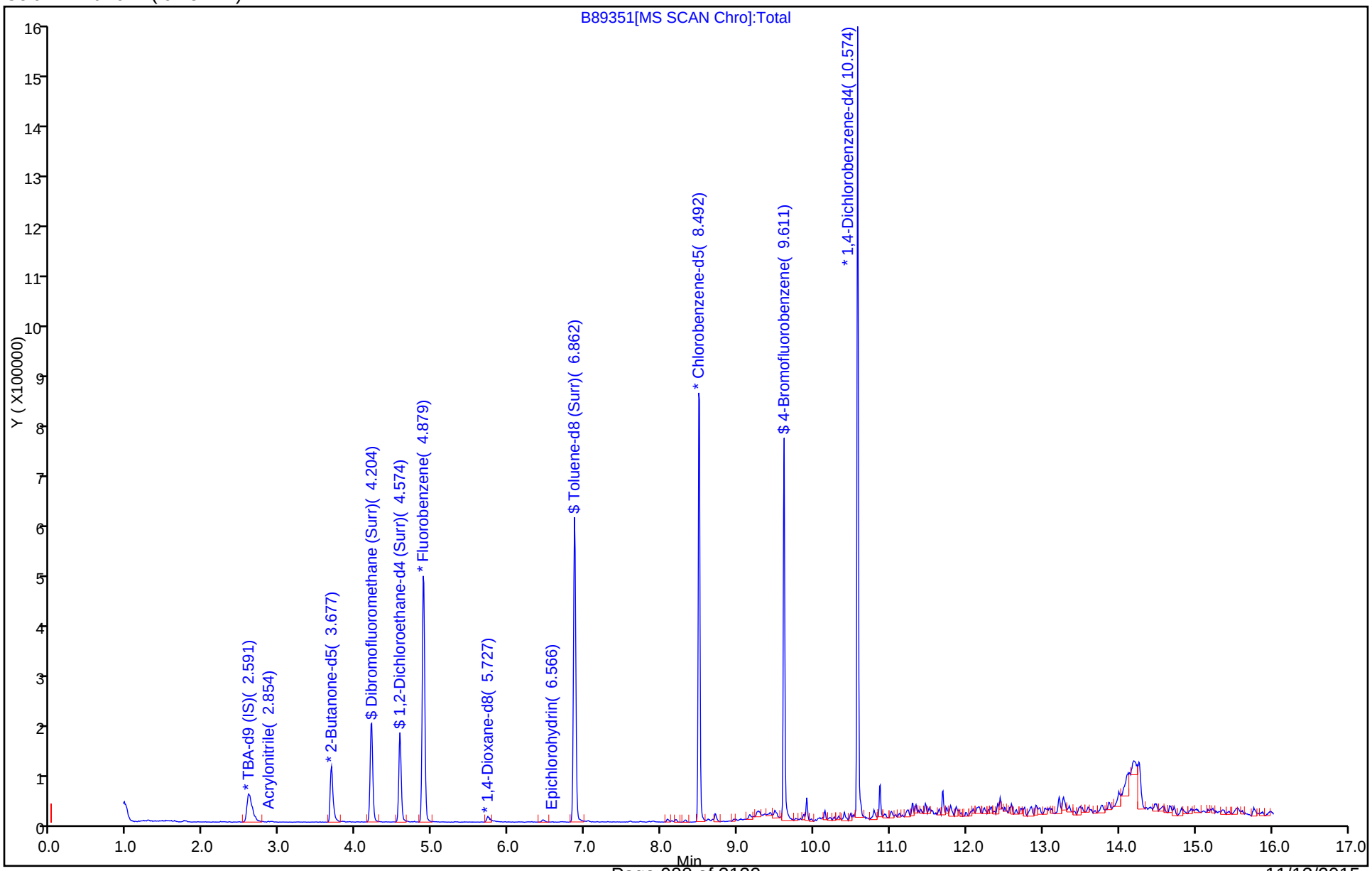
Report Date: 01-Nov-2015 16:36:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89351.D

Injection Date:	31-Oct-2015 13:26:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89352.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 31-Oct-2015 13:49:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0033659-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:34:46 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:33:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.085	1.068	0.017	1	490	1.00	0.8664	
2 Dichlorodifluoromethane	85	1.110	1.093	0.017	24	3950	1.00	0.9581	
3 Chloromethane	50	1.192	1.208	-0.016	85	3250	1.00	1.20	
5 Butadiene	54	1.274	1.291	-0.017	92	2615	1.00	1.06	
4 Vinyl chloride	62	1.299	1.291	0.008	85	3624	1.00	1.13	
6 Bromomethane	94	1.521	1.521	0.000	55	2886	1.00	1.08	
7 Chloroethane	64	1.587	1.579	0.008	18	1971	1.00	1.08	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	74	5211	1.00	0.9875	
9 Dichlorofluoromethane	67	1.752	1.752	0.000	95	5965	1.00	1.02	
8 Pentane	72	1.793	1.768	0.025	1	455	2.00	1.18	
12 Ethanol	46	1.949	1.941	0.008	16	104	40.0	37.0	M
11 Ethyl ether	59	1.949	1.949	0.000	73	1938	1.00	0.8804	
13 2-Methyl-1,3-butadiene	53	1.966	1.957	0.009	91	2361	1.00	0.99	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	1	3273	1.00	1.09	
15 Acrolein	56	2.122	2.114	0.008	60	2580	4.00	4.94	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	62	2664	1.00	0.9141	
17 1,1-Dichloroethene	96	2.122	2.130	-0.008	96	3270	1.00	0.99	
18 Acetone	43	2.237	2.229	0.008	60	3258	5.00	6.32	M
19 Iodomethane	142	2.262	2.262	0.000	96	7134	1.00	1.01	
20 Carbon disulfide	76	2.286	2.286	0.000	97	9182	1.00	0.8934	
21 Isopropyl alcohol	45	2.393	2.361	0.032	42	218	10.0	4.07	
22 3-Chloro-1-propene	76	2.451	2.443	0.008	13	1800	1.00	0.9868	M
23 Cyclopentene	67	2.443	2.451	-0.008	85	8070	1.00	1.12	
24 Methyl acetate	43	2.468	2.459	0.009	98	8777	5.00	4.54	
25 Acetonitrile	41	2.607	2.517	0.090	35	2439	10.0	10.8	M
26 Methylene Chloride	84	2.575	2.574	0.000	29	3719	1.00	1.04	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	87	195893	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	33	2042	10.0	10.1	M
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	79	9524	1.00	0.9721	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	89	4046	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.838	2.830	0.008	87	7121	10.0	7.88	M
32 Hexane	43	2.904	2.895	0.009	74	1010	1.00	0.9725	
34 Isopropyl ether	45	3.142	3.142	0.000	89	7656	1.00	0.9648	
33 1,1-Dichloroethane	63	3.142	3.151	-0.009	92	4877	1.00	0.9185	
36 Vinyl acetate	86	3.200	3.183	0.017	80	691	2.00	1.81	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	80	3194	1.00	1.08	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	73	9379	1.00	1.00	M
39 2,2-Dichloropropane	41	3.677	3.669	0.008	47	4513	1.00	1.85	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	98	184010	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	81	4311	1.00	1.11	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	72	1269	5.00	5.07	
42 Ethyl acetate	70	3.751	3.760	-0.009	1	64	2.00	0.3356	
43 Methyl acrylate	55	3.809	3.809	0.000	1	2041	1.00	0.9741	
44 Propionitrile	54	3.899	3.883	0.016	58	1874	10.0	7.01	M
46 Tetrahydrofuran	72	3.965	3.949	0.016	4	541	2.00	1.72	M
45 Chlorobromomethane	128	3.957	3.957	0.000	54	2102	1.00	1.01	
47 Methacrylonitrile	67	3.990	3.982	0.008	85	9373	10.0	8.31	
48 Chloroform	83	4.023	4.031	-0.008	91	5591	1.00	0.9647	
49 Cyclohexane	84	4.130	4.130	0.000	44	2861	1.00	0.8860	
50 1,1,1-Trichloroethane	97	4.155	4.155	0.000	49	6400	1.00	1.17	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	136135	50.0	48.6	
52 Carbon tetrachloride	117	4.295	4.278	0.017	68	4214	1.00	0.9535	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	89	4249	1.00	1.07	
54 Isooctane	57	4.517	4.525	-0.008	87	3834	1.00	1.02	
55 Benzene	78	4.541	4.541	0.000	92	12170	1.00	1.01	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	136344	50.0	47.7	
56 Isobutyl alcohol	43	4.558	4.591	-0.033	28	1363	25.0	20.5	M
59 Isopropyl acetate	87	4.681	4.648	0.033	87	3409	1.00	1.05	M
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	9386	1.00	0.9125	
60 1,2-Dichloroethane	62	4.673	4.665	0.008	96	5153	1.00	1.13	
61 n-Heptane	57	4.755	4.764	-0.009	4	814	1.00	1.05	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	551819	50.0	50.0	
64 Trichloroethene	95	5.290	5.299	-0.009	87	2526	1.00	0.8101	
65 n-Butanol	56	5.422	5.373	0.049	49	583	25.0	25.5	
66 Methylcyclohexane	83	5.422	5.422	0.000	86	2097	1.00	0.7990	
67 Ethyl acrylate	55	5.504	5.504	0.000	26	2477	1.00	0.8552	M
68 1,2-Dichloropropane	63	5.636	5.636	0.000	90	2675	1.00	1.00	
* 69 1,4-Dioxane-d8	96	5.726	5.735	-0.009	84	20900	1000.0	1000.0	M
72 Methyl methacrylate	100	5.792	5.784	0.008	82	1796	2.00	1.97	M
70 Dibromomethane	93	5.801	5.792	0.009	90	2373	1.00	1.11	
71 1,4-Dioxane	88	5.801	5.792	0.009	1	434	50.0	32.5	
73 n-Propyl acetate	43	5.875	5.875	0.000	54	2553	1.00	0.8662	
74 Dichlorobromomethane	83	5.998	5.998	0.000	90	3185	1.00	0.7832	
75 2-Nitropropane	41	6.410	6.410	0.000	47	922	2.00	1.42	
76 2-Chloroethyl vinyl ether	63	6.459	6.442	0.017	58	1351	1.00	0.8093	
77 Epichlorohydrin	57	6.558	6.549	0.009	60	2647	20.0	13.4	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	37	4272	1.00	0.8902	
79 4-Methyl-2-pentanone (MIBK	43	6.837	6.821	0.016	80	10427	5.00	4.94	M
$ 80 Toluene-d8 (Surr)	98	6.862	6.870	-0.008	100	475098	50.0	48.1	
81 Toluene	91	6.953	6.953	0.000	96	12053	1.00	0.9496	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	88	3372	1.00	0.7829	
83 Ethyl methacrylate	69	7.414	7.414	0.000	22	2469	1.00	0.6939	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	80	2098	1.00	0.8994	
85 Tetrachloroethene	166	7.562	7.562	0.000	89	3662	1.00	1.06	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	90	4716	1.00	1.00	
87 2-Hexanone	43	7.825	7.817	0.008	90	5215	5.00	4.29	
88 Chlorodibromomethane	129	7.940	7.940	0.000	94	3016	1.00	0.8163	
89 n-Butyl acetate	73	7.940	7.940	0.000	64	356	1.00	0.6299	
90 Ethylene Dibromide	107	8.055	8.047	0.008	97	2840	1.00	0.8639	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	503275	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	94	9099	1.00	0.9584	
93 Ethylbenzene	106	8.607	8.615	-0.008	97	4584	1.00	0.9732	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	56	3315	1.00	0.8698	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	6315	1.00	1.06	
96 o-Xylene	106	9.109	9.101	0.008	93	5754	1.00	0.9422	
97 n-Butyl acrylate	73	9.125	9.117	0.008	62	1877	1.00	0.7490	
98 Styrene	104	9.142	9.134	0.008	97	9796	1.00	0.9639	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	3904	1.00	0.8219	
99 Bromoform	173	9.331	9.323	0.008	91	2137	1.00	0.8164	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	11670	1.00	0.9410	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	96	206148	50.0	48.0	
104 Bromobenzene	156	9.726	9.726	0.000	82	5049	1.00	1.03	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.784	0.008	57	3961	1.00	0.9630	
106 N-Propylbenzene	91	9.792	9.792	0.000	98	13798	1.00	1.04	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	56	1105	1.00	0.7994	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	1	724	1.00	0.7333	
109 2-Chlorotoluene	91	9.882	9.882	0.000	95	10594	1.00	1.01	
110 4-Ethyltoluene	105	9.891	9.891	0.000	89	12431	1.00	0.9811	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	11409	1.00	1.07	
112 4-Chlorotoluene	91	9.989	9.981	0.008	94	9376	1.00	0.9577	
113 Butyl Methacrylate	87	10.047	10.047	0.000	80	3605	1.00	0.7626	
114 tert-Butylbenzene	119	10.212	10.203	0.009	97	8635	1.00	1.06	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	12553	1.00	1.09	
116 sec-Butylbenzene	105	10.393	10.393	0.000	97	11021	1.00	1.04	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	97	9847	1.00	1.00	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	95	7624	1.00	1.00	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	325672	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.598	-0.008	39	8339	1.00	1.03	
121 Benzyl chloride	91	10.722	10.714	0.008	98	7224	1.00	0.8817	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	13036	1.00	0.9211	
123 p-Diethylbenzene	119	10.812	10.821	-0.009	90	5952	1.00	1.00	
124 n-Butylbenzene	91	10.837	10.837	0.000	93	8938	1.00	0.9842	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	97	7914	1.00	0.9783	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	97	10570	1.00	0.9827	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.528	0.009	45	820	1.00	1.08	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	92	5514	1.00	1.07	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	88	4944	1.00	1.01	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	72	2169	1.00	1.12	
132 Naphthalene	128	12.318	12.318	0.000	98	12569	1.00	0.9512	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	93	5040	1.00	1.11	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.24	
S 135 Xylenes, Total	100				0		2.00	2.01	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
14DIOXINTER_00045	Amount Added:	30.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

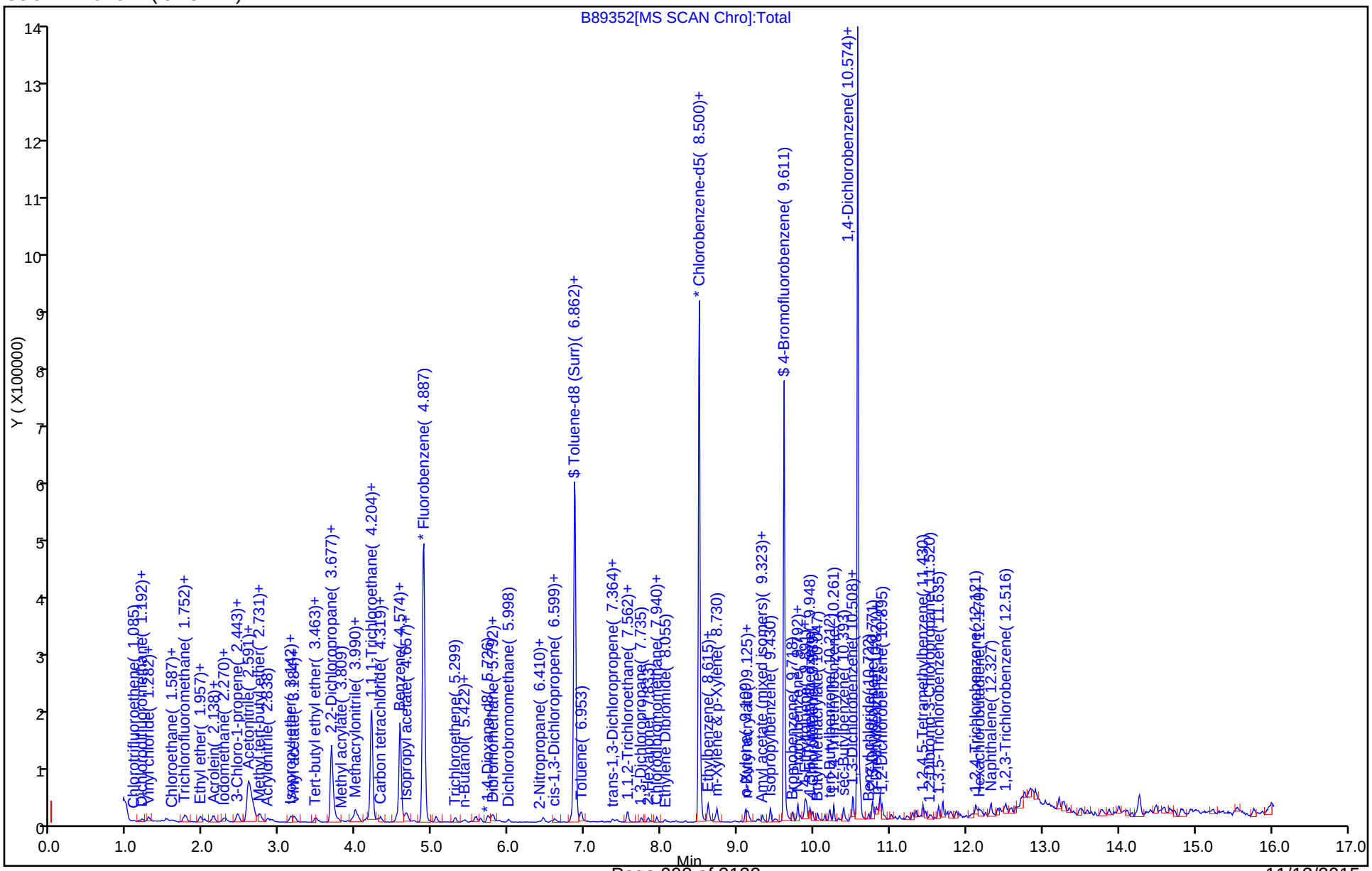
Report Date: 01-Nov-2015 16:34:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89352.D

Injection Date:	31-Oct-2015 13:49:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89353.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 31-Oct-2015 14:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0033659-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:04 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:29:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	53	3290	5.00	6.06	
2 Dichlorodifluoromethane	85	1.101	1.093	0.008	97	21541	5.00	5.45	
3 Chloromethane	50	1.208	1.208	0.000	96	14019	5.00	5.39	M
5 Butadiene	54	1.291	1.291	0.000	91	12466	5.00	5.29	
4 Vinyl chloride	62	1.299	1.291	0.008	97	18021	5.00	5.88	
6 Bromomethane	94	1.521	1.521	0.000	96	14984	5.00	5.87	
7 Chloroethane	64	1.587	1.579	0.008	97	10897	5.00	6.23	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	61	27029	5.00	5.34	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	97	34891	5.00	6.20	
8 Pentane	72	1.776	1.768	0.008	93	4376	10.0	11.9	
12 Ethanol	46	1.957	1.941	0.016	62	423	200.0	149.3	
11 Ethyl ether	59	1.957	1.949	0.008	86	13315	5.00	6.31	
13 2-Methyl-1,3-butadiene	53	1.965	1.957	0.008	96	13422	5.00	5.88	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	84	17905	5.00	6.19	
15 Acrolein	56	2.122	2.114	0.008	54	10857	20.0	20.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.114	0.000	76	15520	5.00	5.55	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	96	19890	5.00	6.28	
18 Acetone	43	2.237	2.229	0.008	82	12084	25.0	23.1	M
19 Iodomethane	142	2.270	2.262	0.008	97	41734	5.00	6.19	
20 Carbon disulfide	76	2.295	2.286	0.009	98	59033	5.00	5.99	
21 Isopropyl alcohol	45	2.393	2.361	0.032	47	4046	50.0	74.6	
22 3-Chloro-1-propene	76	2.435	2.443	-0.008	41	10544	5.00	6.03	
23 Cyclopentene	67	2.451	2.451	0.000	82	43054	5.00	6.25	
24 Methyl acetate	43	2.459	2.459	0.000	96	59592	25.0	32.2	
25 Acetonitrile	41	2.542	2.517	0.025	58	12056	50.0	55.7	M
26 Methylene Chloride	84	2.574	2.574	0.000	80	21473	5.00	6.24	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	92	197403	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	91	11048	50.0	54.4	M
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	94	59468	5.00	6.33	
30 trans-1,2-Dichloroethene	96	2.755	2.747	0.008	89	20932	5.00	6.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.838	2.830	0.008	94	51656	50.0	59.7	
32 Hexane	43	2.904	2.895	0.009	87	5733	5.00	5.76	
34 Isopropyl ether	45	3.151	3.142	0.008	89	47268	5.00	6.21	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	98	31999	5.00	6.28	
36 Vinyl acetate	86	3.200	3.183	0.017	99	4390	10.0	12.0	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	89	15867	5.00	5.58	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	89	58184	5.00	6.46	
39 2,2-Dichloropropane	41	3.685	3.669	0.016	54	16979	5.00	7.26	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	99	186476	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.718	3.710	0.008	97	23009	5.00	6.17	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	96	8058	25.0	31.8	
42 Ethyl acetate	70	3.768	3.760	0.008	93	2827	10.0	14.6	
43 Methyl acrylate	55	3.809	3.809	0.000	96	11543	5.00	5.74	
44 Propionitrile	54	3.891	3.883	0.008	97	15669	50.0	58.2	
46 Tetrahydrofuran	72	3.957	3.949	0.008	55	3914	10.0	12.3	
45 Chlorobromomethane	128	3.957	3.957	0.000	67	12831	5.00	6.40	
47 Methacrylonitrile	67	3.990	3.982	0.008	90	71670	50.0	66.3	
48 Chloroform	83	4.031	4.031	0.000	98	34651	5.00	6.23	
49 Cyclohexane	84	4.138	4.130	0.008	58	16909	5.00	5.46	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	95	29878	5.00	5.71	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	93	140865	50.0	52.4	
52 Carbon tetrachloride	117	4.286	4.278	0.008	96	23393	5.00	5.52	
53 1,1-Dichloropropene	75	4.336	4.327	0.009	95	22170	5.00	5.82	
54 Isooctane	57	4.525	4.525	0.000	91	19797	5.00	5.51	
55 Benzene	78	4.550	4.541	0.009	95	67066	5.00	5.76	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.582	4.574	0.008	93	139409	50.0	50.8	
56 Isobutyl alcohol	43	4.582	4.591	-0.009	1	7503	125.0	112.2	M
59 Isopropyl acetate	87	4.648	4.648	0.000	97	19917	5.00	6.39	
58 Tert-amyl methyl ether	73	4.657	4.648	0.009	92	62439	5.00	6.33	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	81	27822	5.00	6.38	
61 n-Heptane	57	4.755	4.764	-0.009	69	3811	5.00	5.12	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	529280	50.0	50.0	
64 Trichloroethene	95	5.298	5.299	-0.001	93	17991	5.00	6.02	
65 n-Butanol	56	5.414	5.373	0.041	31	1913	125.0	116.4	M
66 Methylcyclohexane	83	5.430	5.422	0.008	92	12741	5.00	5.06	
67 Ethyl acrylate	55	5.512	5.504	0.008	96	14715	5.00	5.30	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	91	16277	5.00	6.33	
* 69 1,4-Dioxane-d8	96	5.735	5.735	0.000	86	22635	1000.0	1000.0	M
72 Methyl methacrylate	100	5.792	5.784	0.008	86	10358	10.0	11.9	
70 Dibromomethane	93	5.792	5.792	0.000	66	12444	5.00	6.07	
71 1,4-Dioxane	88	5.784	5.792	-0.008	29	1675	100.0	115.8	
73 n-Propyl acetate	43	5.875	5.875	0.000	97	16538	5.00	5.85	
74 Dichlorobromomethane	83	6.006	5.998	0.008	99	23350	5.00	5.99	
75 2-Nitropropane	41	6.418	6.410	0.008	97	6297	10.0	10.1	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	88	9298	5.00	5.81	
77 Epichlorohydrin	57	6.558	6.549	0.009	94	24232	100.0	121.3	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	92	27602	5.00	5.93	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	66584	25.0	31.2	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	484036	50.0	50.5	
81 Toluene	91	6.953	6.953	0.000	94	71076	5.00	5.78	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	95	24367	5.00	5.84	
83 Ethyl methacrylate	69	7.414	7.414	0.000	86	20017	5.00	5.80	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	88	13104	5.00	5.79	
85 Tetrachloroethene	166	7.562	7.562	0.000	91	17063	5.00	5.10	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	89	28668	5.00	6.26	
87 2-Hexanone	43	7.825	7.817	0.008	91	35063	25.0	28.5	
88 Chlorodibromomethane	129	7.940	7.940	0.000	96	20110	5.00	5.61	
89 n-Butyl acetate	73	7.940	7.940	0.000	76	3140	5.00	5.73	
90 Ethylene Dibromide	107	8.047	8.047	0.000	94	20963	5.00	6.58	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	487890	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	-0.001	97	55255	5.00	6.00	
93 Ethylbenzene	106	8.615	8.615	0.000	96	25969	5.00	5.69	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	90	21811	5.00	5.90	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	95	31835	5.00	5.53	
96 o-Xylene	106	9.109	9.101	0.008	95	33180	5.00	5.60	
97 n-Butyl acrylate	73	9.117	9.117	0.000	98	13815	5.00	5.69	
98 Styrene	104	9.134	9.134	0.000	98	54706	5.00	5.55	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	91	25476	5.00	5.62	
99 Bromoform	173	9.323	9.323	0.000	71	13985	5.00	5.51	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	65262	5.00	5.43	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	208858	50.0	50.2	
104 Bromobenzene	156	9.726	9.726	0.000	88	27375	5.00	5.86	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	97	24162	5.00	6.15	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	70273	5.00	5.57	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	96	8563	5.00	6.49	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	65	5702	5.00	6.05	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	56668	5.00	5.65	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	75498	5.00	6.24	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	56869	5.00	5.59	
112 4-Chlorotoluene	91	9.989	9.981	0.008	94	52155	5.00	5.58	
113 Butyl Methacrylate	87	10.047	10.047	0.000	84	24940	5.00	5.53	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	39344	5.00	5.04	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	61836	5.00	5.62	
116 sec-Butylbenzene	105	10.393	10.393	0.000	98	50661	5.00	4.99	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	47831	5.00	5.10	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	97	43791	5.00	5.99	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	310879	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	91	45138	5.00	5.86	
121 Benzyl chloride	91	10.722	10.714	0.008	99	43567	5.00	5.57	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	93	86197	5.00	6.38	
123 p-Diethylbenzene	119	10.821	10.821	0.000	96	33596	5.00	5.90	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	44501	5.00	5.13	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	47359	5.00	6.13	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	64147	5.00	6.25	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	4192	5.00	5.76	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	95	29238	5.00	5.93	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	92	26818	5.00	5.72	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	95	8681	5.00	4.71	
132 Naphthalene	128	12.318	12.318	0.000	99	72264	5.00	5.73	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	94	23435	5.00	5.43	
S 134 1,2-Dichloroethene, Total	100				0		10.0	12.3	
S 135 Xylenes, Total	100				0		10.0	11.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	1.00	Units: uL	
MIX I Hi_00048	Amount Added:	1.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	1.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

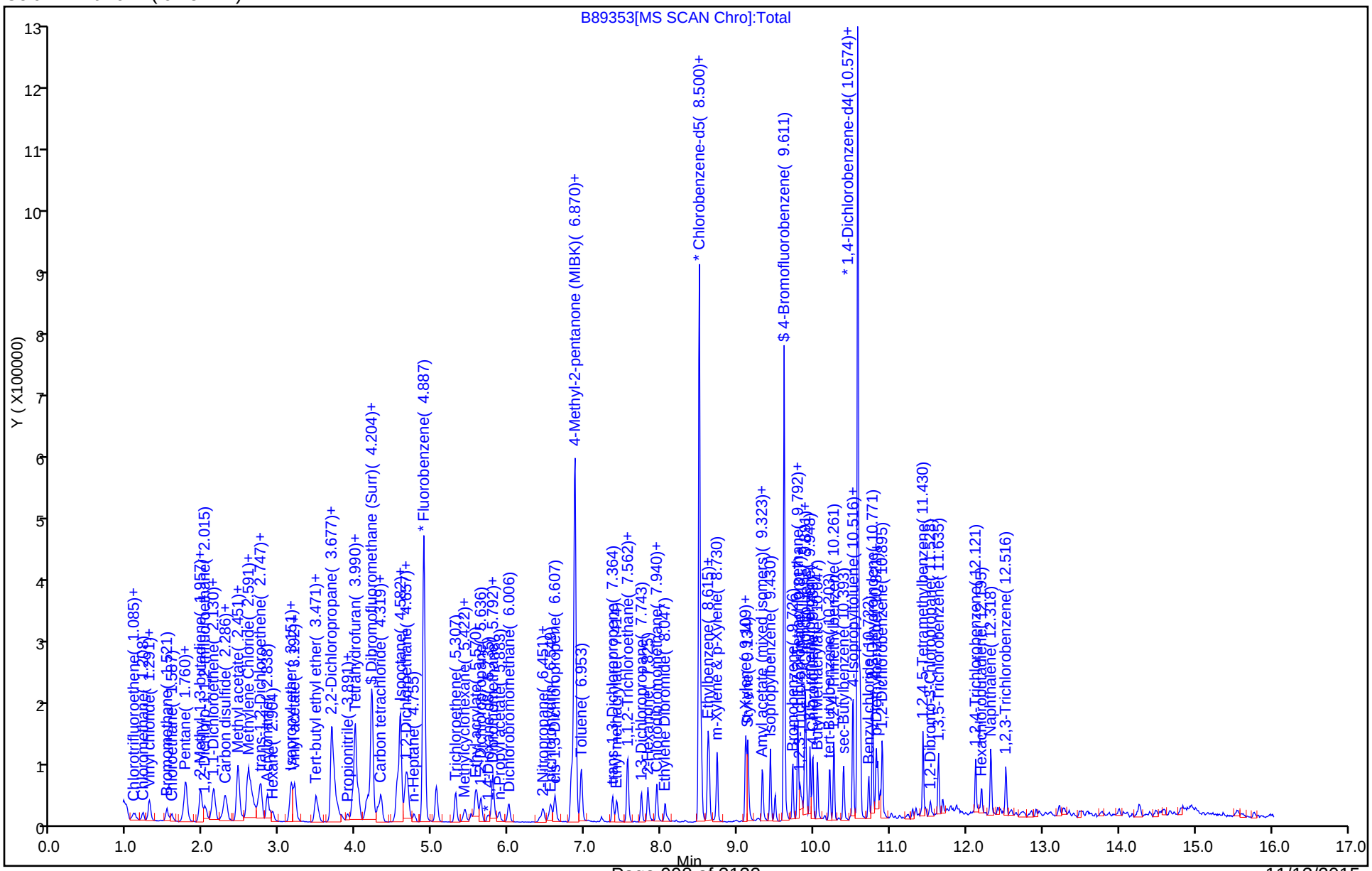
Report Date: 01-Nov-2015 16:35:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89353.D

Injection Date:	31-Oct-2015 14:13:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89354.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 31-Oct-2015 14:37:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0033659-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:18 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:27:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.068	0.000	56	11369	20.0	21.3	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	98	72805	20.0	18.7	
3 Chloromethane	50	1.208	1.208	0.000	98	49120	20.0	19.1	
5 Butadiene	54	1.291	1.291	0.000	86	43232	20.0	18.6	
4 Vinyl chloride	62	1.291	1.291	0.000	91	56896	20.0	18.8	
6 Bromomethane	94	1.521	1.521	0.000	99	51215	20.0	20.3	
7 Chloroethane	64	1.579	1.579	0.000	98	34003	20.0	19.7	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	72	96373	20.0	19.3	
9 Dichlorofluoromethane	67	1.752	1.752	0.000	97	106812	20.0	19.3	
8 Pentane	72	1.768	1.768	0.000	96	12919	40.0	35.7	
12 Ethanol	46	1.941	1.941	0.000	65	2545	800.0	909.3	
11 Ethyl ether	59	1.949	1.949	0.000	92	43515	20.0	20.9	
13 2-Methyl-1,3-butadiene	53	1.957	1.957	0.000	95	40264	20.0	17.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	92	54581	20.0	19.1	
15 Acrolein	56	2.114	2.114	0.000	48	19399	40.0	37.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.114	0.000	53	49375	20.0	17.9	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	94	60888	20.0	19.5	
18 Acetone	43	2.229	2.229	0.000	86	49133	100.0	95.7	
19 Iodomethane	142	2.262	2.262	0.000	97	132831	20.0	20.0	
20 Carbon disulfide	76	2.286	2.286	0.000	98	190520	20.0	19.6	
21 Isopropyl alcohol	45	2.361	2.361	0.000	24	11704	200.0	216.5	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	50	33531	20.0	19.4	
23 Cyclopentene	67	2.451	2.451	0.000	74	110988	20.0	16.3	
24 Methyl acetate	43	2.459	2.459	0.000	97	182403	100.0	99.9	
25 Acetonitrile	41	2.517	2.517	0.000	90	40584	200.0	190.2	
26 Methylene Chloride	84	2.574	2.574	0.000	83	68752	20.0	20.3	
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	95	195062	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	91	40754	200.0	202.9	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	95	185424	20.0	20.0	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	90	63748	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	92	165079	200.0	194.4	
32 Hexane	43	2.895	2.895	0.000	90	15457	20.0	15.7	
34 Isopropyl ether	45	3.142	3.142	0.000	94	151052	20.0	20.1	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	101253	20.0	20.2	
36 Vinyl acetate	86	3.183	3.183	0.000	99	14204	40.0	39.3	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	90	51233	20.0	18.3	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	89	169627	20.0	19.1	
39 2,2-Dichloropropane	41	3.669	3.669	0.000	70	47030	20.0	20.5	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	89	183391	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	95	71655	20.0	19.5	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	98	23755	100.0	95.3	
42 Ethyl acetate	70	3.760	3.760	0.000	93	7473	40.0	39.3	
43 Methyl acrylate	55	3.809	3.809	0.000	98	38943	20.0	19.7	
44 Propionitrile	54	3.883	3.883	0.000	99	54154	200.0	203.4	
46 Tetrahydrofuran	72	3.949	3.949	0.000	68	13195	40.0	42.1	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	37946	20.0	19.2	
47 Methacrylonitrile	67	3.982	3.982	0.000	87	213499	200.0	200.2	
48 Chloroform	83	4.031	4.031	0.000	97	109634	20.0	20.0	
49 Cyclohexane	84	4.130	4.130	0.000	85	56142	20.0	18.4	
50 1,1,1-Trichloroethane	97	4.155	4.155	0.000	97	92099	20.0	17.9	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	92	137256	50.0	51.8	
52 Carbon tetrachloride	117	4.278	4.278	0.000	97	75717	20.0	18.1	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	95	67989	20.0	18.1	
54 Isooctane	57	4.525	4.525	0.000	95	61580	20.0	17.4	
55 Benzene	78	4.541	4.541	0.000	95	220876	20.0	19.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	92	139700	50.0	51.6	
56 Isobutyl alcohol	43	4.591	4.591	0.000	1	31200	500.0	472.0	M
59 Isopropyl acetate	87	4.648	4.648	0.000	97	57068	20.0	18.6	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	191847	20.0	19.7	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	97	80757	20.0	18.8	
61 n-Heptane	57	4.764	4.764	0.000	84	12698	20.0	17.3	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	521820	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	58297	20.0	19.8	
65 n-Butanol	56	5.373	5.373	0.000	67	6327	500.0	413.9	
66 Methylcyclohexane	83	5.422	5.422	0.000	91	46376	20.0	18.7	
67 Ethyl acrylate	55	5.504	5.504	0.000	98	52484	20.0	19.2	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	47766	20.0	18.8	
* 69 1,4-Dioxane-d8	96	5.735	5.735	0.000	86	22727	1000.0	1000.0	M
72 Methyl methacrylate	100	5.784	5.784	0.000	79	33143	40.0	38.5	
70 Dibromomethane	93	5.792	5.792	0.000	89	38895	20.0	19.2	
71 1,4-Dioxane	88	5.792	5.792	0.000	30	6092	400.0	420.9	M
73 n-Propyl acetate	43	5.875	5.875	0.000	98	58892	20.0	21.1	
74 Dichlorobromomethane	83	5.998	5.998	0.000	99	77901	20.0	20.3	
75 2-Nitropropane	41	6.410	6.410	0.000	99	25229	40.0	41.2	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	93	33040	20.0	20.9	
77 Epichlorohydrin	57	6.549	6.549	0.000	97	75075	400.0	382.9	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	89	89530	20.0	19.8	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	210026	100.0	99.9	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	481017	50.0	51.6	
81 Toluene	91	6.953	6.953	0.000	93	236905	20.0	19.8	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	81372	20.0	20.0	
83 Ethyl methacrylate	69	7.414	7.414	0.000	86	68858	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	94	43820	20.0	19.9	
85 Tetrachloroethene	166	7.562	7.562	0.000	93	62345	20.0	19.2	
86 1,3-Dichloropropane	76	7.735	7.735	0.000	90	87817	20.0	19.7	
87 2-Hexanone	43	7.817	7.817	0.000	92	122205	100.0	100.9	
88 Chlorodibromomethane	129	7.940	7.940	0.000	97	71031	20.0	20.4	
89 n-Butyl acetate	73	7.940	7.940	0.000	95	11323	20.0	21.3	
90 Ethylene Dibromide	107	8.047	8.047	0.000	99	59201	20.0	19.1	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	83	474463	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	98	177946	20.0	19.9	
93 Ethylbenzene	106	8.615	8.615	0.000	97	86985	20.0	19.6	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	94	70114	20.0	19.5	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	108993	20.0	19.5	
96 o-Xylene	106	9.101	9.101	0.000	95	114999	20.0	20.0	
97 n-Butyl acrylate	73	9.117	9.117	0.000	99	46012	20.0	19.5	
98 Styrene	104	9.134	9.134	0.000	98	193813	20.0	20.2	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	92	89358	20.0	19.8	
99 Bromoform	173	9.323	9.323	0.000	70	47557	20.0	19.3	
101 Isopropylbenzene	105	9.430	9.430	0.000	94	230594	20.0	19.7	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	212650	50.0	52.5	
104 Bromobenzene	156	9.726	9.726	0.000	87	91763	20.0	19.8	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	96	75488	20.0	19.3	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	237124	20.0	18.9	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	96	27013	20.0	20.6	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	78	18530	20.0	19.8	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	192469	20.0	19.3	
110 4-Ethyltoluene	105	9.891	9.891	0.000	98	226444	20.0	18.8	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	93	194091	20.0	19.2	
112 4-Chlorotoluene	91	9.981	9.981	0.000	95	186072	20.0	20.0	
113 Butyl Methacrylate	87	10.047	10.047	0.000	85	88638	20.0	19.8	
114 tert-Butylbenzene	119	10.203	10.203	0.000	96	143584	20.0	18.5	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	204850	20.0	18.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	188778	20.0	18.7	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	179303	20.0	19.2	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	143706	20.0	19.8	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	308899	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	96	152671	20.0	20.0	
121 Benzyl chloride	91	10.714	10.714	0.000	100	149563	20.0	19.2	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	273877	20.0	20.4	
123 p-Diethylbenzene	119	10.821	10.821	0.000	96	109106	20.0	19.3	
124 n-Butylbenzene	91	10.837	10.837	0.000	97	166337	20.0	19.3	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	151125	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	196698	20.0	19.3	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	13058	20.0	18.1	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	96	94210	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	93	91105	20.0	19.6	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	97	32960	20.0	18.0	
132 Naphthalene	128	12.318	12.318	0.000	99	247206	20.0	19.7	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	84095	20.0	19.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.3	
S 135 Xylenes, Total	100				0		40.0	39.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	4.00	Units: uL	
GAS Hi_00119	Amount Added:	2.00	Units: uL	
MIX I Hi_00048	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	2.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

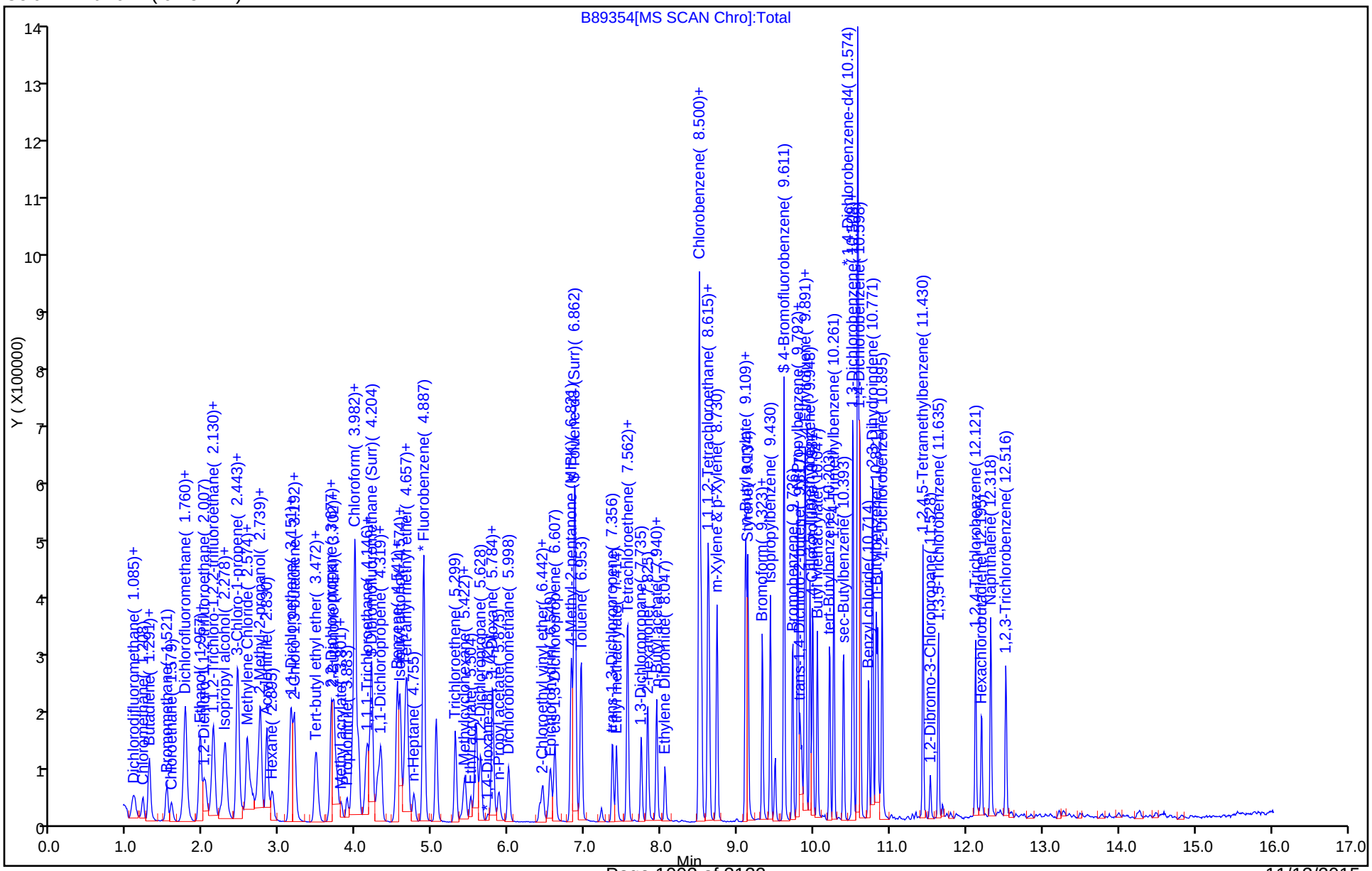
Report Date: 01-Nov-2015 16:35:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89354.D

Injection Date:	31-Oct-2015 14:37:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89355.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 31-Oct-2015 15:01:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0033659-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:26 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:25:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	65	28191	50.0	51.2	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	214448	50.0	53.4	
3 Chloromethane	50	1.208	1.208	0.000	98	129743	50.0	49.1	
5 Butadiene	54	1.299	1.291	0.008	87	121553	50.0	50.8	
4 Vinyl chloride	62	1.299	1.291	0.008	92	148685	50.0	47.8	
6 Bromomethane	94	1.529	1.521	0.008	99	125621	50.0	48.4	
7 Chloroethane	64	1.587	1.579	0.008	99	85255	50.0	48.0	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	72	272337	50.0	53.0	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	98	280340	50.0	49.1	
8 Pentane	72	1.776	1.768	0.008	94	35154	100.0	95.0	
12 Ethanol	46	1.957	1.941	0.016	59	6020	2000.0	2154.4	M
11 Ethyl ether	59	1.949	1.949	0.000	94	107099	50.0	49.9	
13 2-Methyl-1,3-butadiene	53	1.966	1.957	0.009	95	112968	50.0	48.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.023	-0.008	87	142188	50.0	48.4	
15 Acrolein	56	2.114	2.114	0.000	71	49278	100.0	95.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	94	152917	50.0	53.9	
17 1,1-Dichloroethene	96	2.138	2.130	0.008	96	156410	50.0	48.6	
18 Acetone	43	2.229	2.229	0.000	86	128040	250.0	243.2	
19 Iodomethane	142	2.270	2.262	0.008	97	334901	50.0	48.9	
20 Carbon disulfide	76	2.295	2.286	0.009	98	508763	50.0	50.8	
21 Isopropyl alcohol	45	2.361	2.361	0.000	58	30396	500.0	551.7	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	49	86737	50.0	48.8	
23 Cyclopentene	67	2.451	2.451	0.000	91	326826	50.0	46.7	
24 Methyl acetate	43	2.459	2.459	0.000	98	458793	250.0	243.8	
25 Acetonitrile	41	2.517	2.517	0.000	97	107397	500.0	488.6	
26 Methylene Chloride	84	2.575	2.574	0.001	82	165809	50.0	47.5	
* 27 TBA-d9 (IS)	65	2.608	2.599	0.009	85	194745	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.673	0.000	95	98577	500.0	491.7	
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	95	467609	50.0	49.0	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	91	164020	50.0	47.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	93	419181	500.0	483.5	
32 Hexane	43	2.904	2.895	0.009	92	59520	50.0	58.8	
34 Isopropyl ether	45	3.142	3.142	0.000	94	377640	50.0	48.9	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	99	258431	50.0	50.0	
36 Vinyl acetate	86	3.184	3.183	0.001	100	34423	100.0	92.5	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	92	136590	50.0	47.3	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	89	439852	50.0	48.1	
39 2,2-Dichloropropane	41	3.677	3.669	0.008	89	118138	50.0	50.2	
* 158 2-Butanone-d5	46	3.686	3.677	0.009	72	187999	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.719	3.710	0.009	99	174095	50.0	46.0	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	97	61087	250.0	239.1	
42 Ethyl acetate	70	3.768	3.760	0.008	93	19949	100.0	102.4	
43 Methyl acrylate	55	3.809	3.809	0.000	99	100101	50.0	49.1	
44 Propionitrile	54	3.883	3.883	0.000	97	138651	500.0	521.7	
46 Tetrahydrofuran	72	3.949	3.949	0.000	81	32761	100.0	102.0	
45 Chlorobromomethane	128	3.957	3.957	0.000	73	99016	50.0	48.6	
47 Methacrylonitrile	67	3.990	3.982	0.008	87	541489	500.0	493.0	
48 Chloroform	83	4.031	4.031	0.000	100	270519	50.0	47.9	
49 Cyclohexane	84	4.138	4.130	0.008	85	175171	50.0	55.7	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	97	257525	50.0	48.5	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	88	139892	50.0	51.3	
52 Carbon tetrachloride	117	4.286	4.278	0.008	97	224469	50.0	52.1	
53 1,1-Dichloropropene	75	4.328	4.327	0.001	96	189866	50.0	49.1	
54 Isooctane	57	4.525	4.525	0.000	93	177853	50.0	48.7	
55 Benzene	78	4.542	4.541	0.001	95	572593	50.0	48.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	91	137988	50.0	49.5	
56 Isobutyl alcohol	43	4.574	4.591	-0.017	1	84196	1250.0	1275.7	M
59 Isopropyl acetate	87	4.657	4.648	0.009	98	150454	50.0	47.5	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	92	494686	50.0	49.4	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	98	205021	50.0	46.3	
61 n-Heptane	57	4.764	4.764	0.000	84	41200	50.0	54.5	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	537486	50.0	50.0	
64 Trichloroethene	95	5.299	5.299	0.000	96	154397	50.0	50.8	
65 n-Butanol	56	5.364	5.373	-0.009	85	22631	1250.0	1400.1	
66 Methylcyclohexane	83	5.422	5.422	0.000	89	146444	50.0	57.3	
67 Ethyl acrylate	55	5.504	5.504	0.000	97	142765	50.0	50.6	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	88	125633	50.0	48.1	
* 69 1,4-Dioxane-d8	96	5.743	5.735	0.008	69	19596	1000.0	1000.0	
72 Methyl methacrylate	100	5.784	5.784	0.000	82	85890	100.0	96.8	
70 Dibromomethane	93	5.792	5.792	0.000	88	95482	50.0	45.8	
71 1,4-Dioxane	88	5.801	5.792	0.009	31	15410	1000.0	1247.2	
73 n-Propyl acetate	43	5.875	5.875	0.000	95	136791	50.0	47.6	
74 Dichlorobromomethane	83	6.006	5.998	0.008	98	198073	50.0	50.0	
75 2-Nitropropane	41	6.410	6.410	0.000	97	67980	100.0	107.8	
76 2-Chloroethyl vinyl ether	63	6.443	6.442	0.001	90	82428	50.0	50.7	
77 Epichlorohydrin	57	6.550	6.549	0.001	98	203003	1000.0	1015.7	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	231733	50.0	49.5	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	534319	250.0	248.0	
$ 80 Toluene-d8 (Surr)	98	6.871	6.870	0.000	100	481568	50.0	49.9	
81 Toluene	91	6.953	6.953	0.000	92	623685	50.0	50.3	
82 trans-1,3-Dichloropropene	75	7.364	7.356	0.008	95	213384	50.0	50.8	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	181311	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.554	7.553	0.001	94	113980	50.0	50.1	
85 Tetrachloroethene	166	7.562	7.562	0.000	95	173747	50.0	51.6	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	90	219544	50.0	47.6	
87 2-Hexanone	43	7.817	7.817	0.000	93	332469	250.0	267.7	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	182288	50.0	50.6	
89 n-Butyl acetate	73	7.940	7.940	0.000	83	29200	50.0	52.9	
90 Ethylene Dibromide	107	8.047	8.047	0.000	100	153822	50.0	47.9	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	83	491178	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	97	463178	50.0	50.0	
93 Ethylbenzene	106	8.615	8.615	0.000	97	234918	50.0	51.1	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	94	185438	50.0	49.9	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	291942	50.0	50.4	
96 o-Xylene	106	9.109	9.101	0.008	95	307541	50.0	51.6	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	125188	50.0	51.2	
98 Styrene	104	9.134	9.134	0.000	98	512723	50.0	51.7	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	226670	50.0	49.0	
99 Bromoform	173	9.323	9.323	0.000	74	129545	50.0	50.7	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	650976	50.0	53.8	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	214162	50.0	51.1	
104 Bromobenzene	156	9.726	9.726	0.000	86	232601	50.0	48.8	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	194525	50.0	48.6	
106 N-Propylbenzene	91	9.792	9.792	0.000	100	674264	50.0	52.4	
107 1,2,3-Trichloropropane	110	9.817	9.817	0.000	92	66632	50.0	49.5	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	79	47493	50.0	49.4	
109 2-Chlorotoluene	91	9.883	9.882	0.001	97	519818	50.0	50.8	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	606891	50.0	49.2	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	94	523855	50.0	50.5	
112 4-Chlorotoluene	91	9.981	9.981	0.000	95	497176	50.0	52.2	
113 Butyl Methacrylate	87	10.047	10.047	0.000	85	236337	50.0	51.4	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	415535	50.0	52.2	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	569908	50.0	50.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	555770	50.0	53.6	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	97	512111	50.0	53.5	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	368952	50.0	49.5	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	93	316997	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.599	10.598	0.001	97	394860	50.0	50.3	
121 Benzyl chloride	91	10.714	10.714	0.000	100	406159	50.0	50.9	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	685833	50.0	49.8	
123 p-Diethylbenzene	119	10.813	10.821	-0.008	95	278191	50.0	47.9	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	466496	50.0	52.8	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	394816	50.0	50.1	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	505081	50.0	48.2	
127 1,2-Dibromo-3-Chloropropan	75	11.529	11.528	0.001	89	34693	50.0	46.7	
128 1,3,5-Trichlorobenzene	180	11.636	11.635	0.001	96	244585	50.0	48.6	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	94	237686	50.0	49.7	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	99	99563	50.0	53.0	
132 Naphthalene	128	12.319	12.318	0.001	99	665127	50.0	51.7	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	215589	50.0	49.0	
S 134 1,2-Dichloroethene, Total	100				0		100.0	93.0	
S 135 Xylenes, Total	100				0		100.0	102.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00043	Amount Added:	10.00	Units: uL	
GAS Hi_00119	Amount Added:	5.00	Units: uL	
MIX I Hi_00048	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	5.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

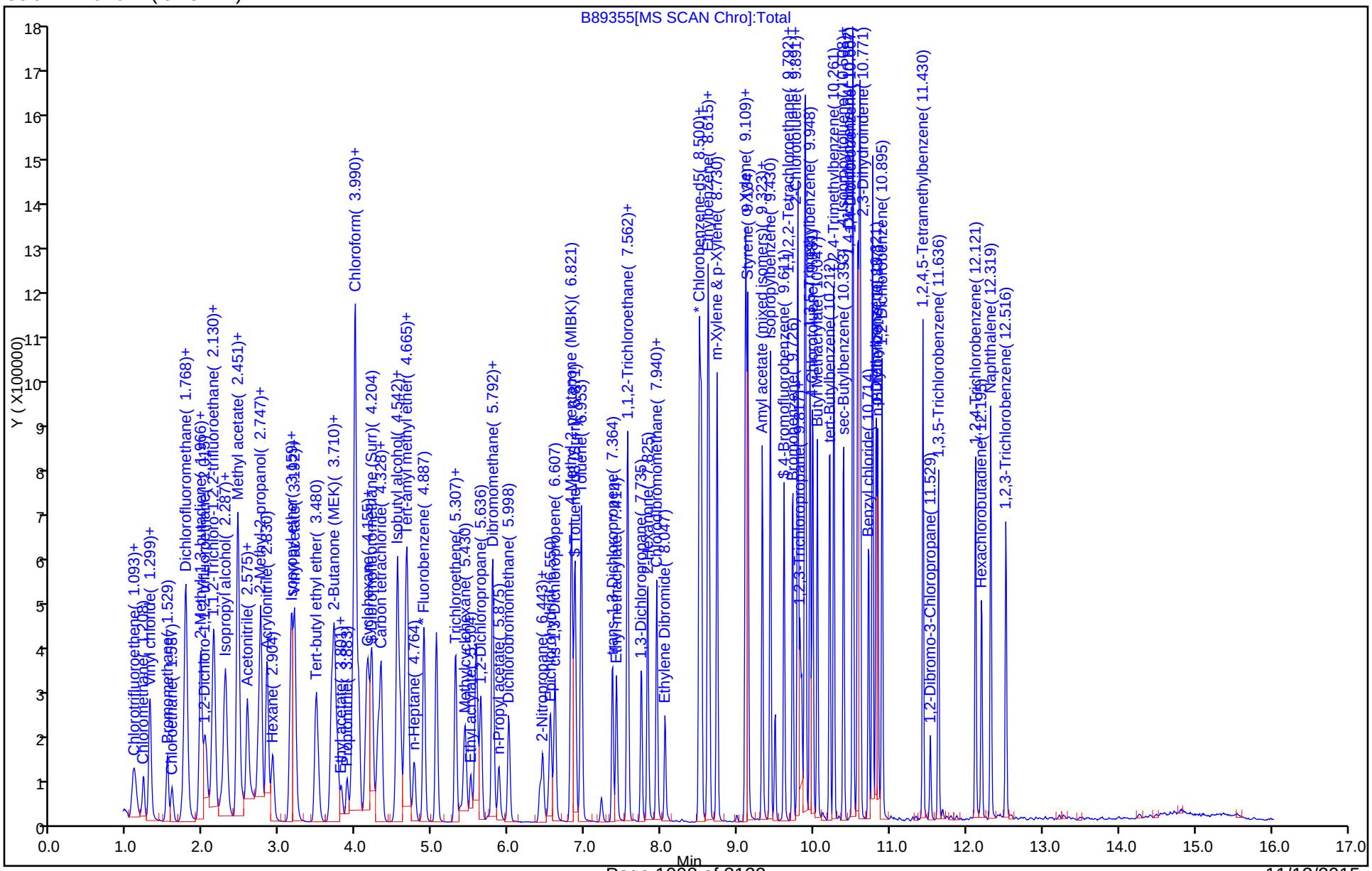
Report Date: 01-Nov-2015 16:35:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89355.D

Injection Date:	31-Oct-2015 15:01:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89356.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 31-Oct-2015 15:25:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0033659-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:32 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:20:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	87	102468	200.0	181.8	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	805516	200.0	196.1	
3 Chloromethane	50	1.217	1.208	0.009	99	485247	200.0	179.5	
5 Butadiene	54	1.299	1.291	0.008	88	466359	200.0	190.4	
4 Vinyl chloride	62	1.299	1.291	0.008	98	573369	200.0	180.0	
6 Bromomethane	94	1.529	1.521	0.008	99	465294	200.0	175.3	
7 Chloroethane	64	1.587	1.579	0.008	99	316126	200.0	173.8	
10 Trichlorofluoromethane	101	1.760	1.752	0.008	98	1011372	200.0	192.4	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	99	1059539	200.0	181.3	
8 Pentane	72	1.776	1.768	0.008	94	145418	400.0	402.7	
12 Ethanol	46	1.957	1.941	0.016	69	26813	8000.0	8915.5	
11 Ethyl ether	59	1.957	1.949	0.008	91	410496	200.0	187.1	
13 2-Methyl-1,3-butadiene	53	1.965	1.957	0.008	96	479672	200.0	202.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	86	535633	200.0	178.3	
15 Acrolein	56	2.114	2.114	0.000	94	107021	200.0	191.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.114	0.016	96	594429	200.0	204.7	
17 1,1-Dichloroethene	96	2.138	2.130	0.008	97	612532	200.0	186.1	
18 Acetone	43	2.229	2.229	0.000	86	548967	1000.0	937.7	
19 Iodomethane	142	2.270	2.262	0.008	97	1294847	200.0	184.9	
20 Carbon disulfide	76	2.295	2.286	0.009	98	2014114	200.0	196.7	
21 Isopropyl alcohol	45	2.344	2.361	-0.017	96	127619	2000.0	1980.5	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	53	350943	200.0	193.1	
23 Cyclopentene	67	2.451	2.451	0.000	94	1411843	200.0	197.2	
24 Methyl acetate	43	2.459	2.459	0.000	99	1864768	1000.0	968.8	
25 Acetonitrile	41	2.517	2.517	0.000	94	458014	2000.0	2036.7	
26 Methylene Chloride	84	2.574	2.574	0.000	82	647961	200.0	181.3	
* 27 TBA-d9 (IS)	65	2.616	2.599	0.017	85	209601	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.681	2.673	0.008	91	404466	2000.0	1874.5	
29 Methyl tert-butyl ether	73	2.731	2.723	0.008	95	1799956	200.0	184.4	
30 trans-1,2-Dichloroethene	96	2.755	2.747	0.008	90	652426	200.0	183.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	93	1695001	2000.0	2007.4	
32 Hexane	43	2.904	2.895	0.009	90	202391	200.0	195.6	
34 Isopropyl ether	45	3.142	3.142	0.000	91	1498428	200.0	189.5	
33 1,1-Dichloroethane	63	3.159	3.151	0.008	99	994917	200.0	188.1	
36 Vinyl acetate	86	3.192	3.183	0.009	100	155848	400.0	409.2	
35 2-Chloro-1,3-butadiene	88	3.200	3.192	0.008	89	606164	200.0	205.2	
38 Tert-butyl ethyl ether	59	3.480	3.472	0.008	90	1756497	200.0	187.7	
39 2,2-Dichloropropane	41	3.685	3.669	0.016	93	464406	200.0	199.7	
* 158 2-Butanone-d5	46	3.685	3.677	0.008	43	209087	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.718	3.710	0.008	98	708853	200.0	183.0	
41 2-Butanone (MEK)	72	3.743	3.735	0.008	99	256799	1000.0	903.7	
42 Ethyl acetate	70	3.768	3.760	0.008	96	86434	400.0	399.0	
43 Methyl acrylate	55	3.809	3.809	0.000	99	409893	200.0	196.3	
44 Propionitrile	54	3.883	3.883	0.000	96	590054	2000.0	2062.8	
46 Tetrahydrofuran	72	3.941	3.949	-0.008	87	135406	400.0	379.2	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	382755	200.0	183.8	
47 Methacrylonitrile	67	3.990	3.982	0.008	88	2218337	2000.0	1974.1	
48 Chloroform	83	4.039	4.031	0.008	99	1093517	200.0	189.4	
49 Cyclohexane	84	4.138	4.130	0.008	82	657212	200.0	204.3	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	96	1023141	200.0	188.2	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.204	0.008	44	141874	50.0	50.8	
52 Carbon tetrachloride	117	4.294	4.278	0.016	97	899246	200.0	204.2	
53 1,1-Dichloropropene	75	4.336	4.327	0.009	96	766828	200.0	193.8	
54 Isooctane	57	4.533	4.525	0.008	95	779373	200.0	208.8	
55 Benzene	78	4.541	4.541	0.000	95	2278152	200.0	191.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.582	4.574	0.008	93	146358	50.0	51.4	
56 Isobutyl alcohol	43	4.582	4.591	-0.009	93	408482	5000.0	5750.6	
59 Isopropyl acetate	87	4.657	4.648	0.009	98	612009	200.0	188.9	
58 Tert-amyl methyl ether	73	4.657	4.648	0.009	92	2009153	200.0	196.0	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	99	800067	200.0	176.7	
61 n-Heptane	57	4.764	4.764	0.000	79	154565	200.0	200.0	
* 62 Fluorobenzene	96	4.895	4.887	0.008	99	549836	50.0	50.0	
64 Trichloroethene	95	5.307	5.299	0.008	95	627584	200.0	202.0	
65 n-Butanol	56	5.356	5.373	-0.017	86	123463	5000.0	5408.2	
66 Methylcyclohexane	83	5.422	5.422	0.000	89	568383	200.0	217.4	
67 Ethyl acrylate	55	5.504	5.504	0.000	98	639234	200.0	221.5	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	504486	200.0	188.7	
* 69 1,4-Dioxane-d8	96	5.726	5.735	-0.009	81	25301	1000.0	1000.0	
72 Methyl methacrylate	100	5.792	5.784	0.008	81	357184	400.0	393.6	
70 Dibromomethane	93	5.792	5.792	0.000	88	390879	200.0	183.5	
71 1,4-Dioxane	88	5.800	5.792	0.008	29	60171	4000.0	3896.5	
73 n-Propyl acetate	43	5.866	5.875	-0.009	96	598449	200.0	203.8	
74 Dichlorobromomethane	83	6.006	5.998	0.008	98	826388	200.0	203.9	
75 2-Nitropropane	41	6.409	6.410	-0.001	97	292124	400.0	452.7	
76 2-Chloroethyl vinyl ether	63	6.442	6.442	0.000	92	340174	200.0	204.5	
77 Epichlorohydrin	57	6.549	6.549	0.000	98	865169	4000.0	3995.8	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	917132	200.0	193.1	
79 4-Methyl-2-pentanone (MIBK	43	6.821	6.821	0.000	94	2200713	1000.0	918.5	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	97	490904	50.0	50.2	
81 Toluene	91	6.953	6.953	0.000	94	2438314	200.0	194.1	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	98	862504	200.0	202.3	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	737756	200.0	209.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.553	7.553	0.000	94	451467	200.0	195.5	
85 Tetrachloroethene	166	7.562	7.562	0.000	96	671527	200.0	196.7	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	91	855008	200.0	182.7	
87 2-Hexanone	43	7.825	7.817	0.008	92	1388236	1000.0	1004.9	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	742649	200.0	203.1	
89 n-Butyl acetate	73	7.940	7.940	0.000	85	121546	200.0	217.3	
90 Ethylene Dibromide	107	8.047	8.047	0.000	99	625429	200.0	192.2	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	82	498134	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	97	1778061	200.0	189.2	
93 Ethylbenzene	106	8.615	8.615	0.000	97	898415	200.0	192.7	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	95	749091	200.0	198.6	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	95	1104968	200.0	188.0	
96 o-Xylene	106	9.109	9.101	0.008	96	1178240	200.0	194.9	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	532537	200.0	214.7	
98 Styrene	104	9.134	9.134	0.000	96	1961859	200.0	195.0	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	988852	200.0	214.5	
99 Bromoform	173	9.323	9.323	0.000	71	550684	200.0	212.5	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	2456313	200.0	200.1	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	210555	50.0	49.5	
104 Bromobenzene	156	9.726	9.726	0.000	87	886398	200.0	186.6	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	764867	200.0	191.6	
106 N-Propylbenzene	91	9.792	9.792	0.000	99	2511263	200.0	195.7	
107 1,2,3-Trichloropropane	110	9.825	9.817	0.008	96	258700	200.0	192.8	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	77	200734	200.0	209.5	
109 2-Chlorotoluene	91	9.882	9.882	0.000	97	2002883	200.0	196.5	
110 4-Ethyltoluene	105	9.891	9.891	0.000	97	2421219	200.0	196.9	
111 1,3,5-Trimethylbenzene	105	9.948	9.948	0.000	94	1969531	200.0	190.5	
112 4-Chlorotoluene	91	9.989	9.981	0.008	95	1857435	200.0	195.5	
113 Butyl Methacrylate	87	10.047	10.047	0.000	84	993538	200.0	216.6	
114 tert-Butylbenzene	119	10.212	10.203	0.009	96	1604547	200.0	202.2	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	2144182	200.0	191.8	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	2116201	200.0	204.8	
118 4-Isopropyltoluene	119	10.508	10.508	0.000	98	1943818	200.0	203.8	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	99	1405690	200.0	189.2	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	91	316073	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.598	0.000	97	1459938	200.0	186.6	
121 Benzyl chloride	91	10.722	10.714	0.008	100	1686676	200.0	212.1	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	95	2639452	200.0	192.2	
123 p-Diethylbenzene	119	10.821	10.821	0.000	94	1149486	200.0	198.7	
124 n-Butylbenzene	91	10.837	10.837	0.000	96	1791504	200.0	203.3	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	99	1476143	200.0	188.0	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	98	2036773	200.0	195.1	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	89	144751	200.0	195.6	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	97	945019	200.0	188.4	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	93	911049	200.0	191.2	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	98	369319	200.0	197.2	
132 Naphthalene	128	12.318	12.318	0.000	99	2550200	200.0	198.9	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	830001	200.0	189.1	
S 134 1,2-Dichloroethene, Total	100				0		400.0	366.0	
S 135 Xylenes, Total	100				0		400.0	383.0	

Reagents:

ACROLEIN W_00043	Amount Added:	20.00	Units: uL	
GAS Hi_00119	Amount Added:	20.00	Units: uL	
MIX I Hi_00048	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00036	Amount Added:	20.00	Units: uL	
8260SURR250_00096	Amount Added:	1.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Nov-2015 16:35:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89356.D

Injection Date: 31-Oct-2015 15:25:30 Instrument ID: CVOAMS2 Operator ID:

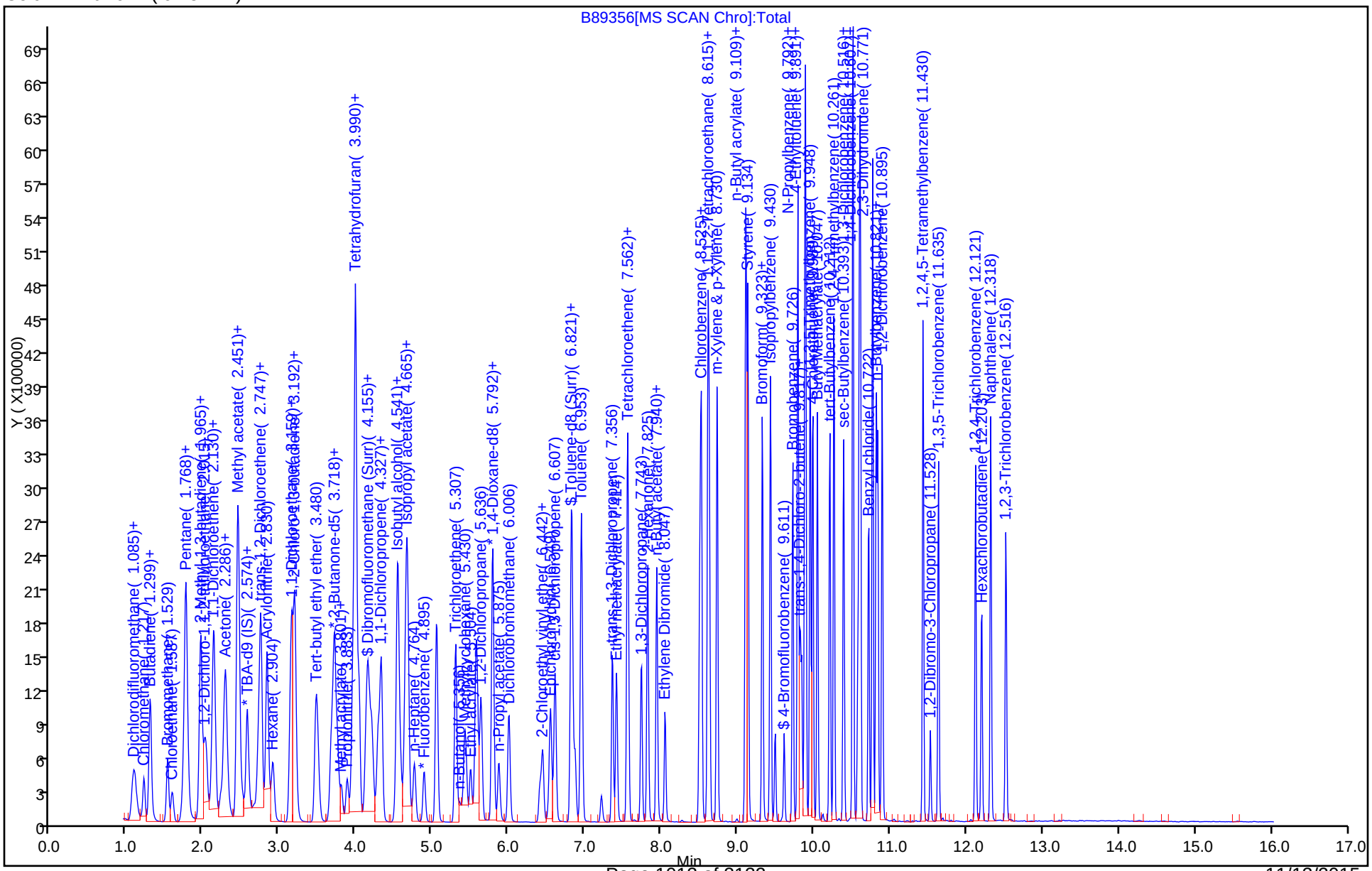
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 31-Oct-2015 15:49:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0033659-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 16:35:38 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK036

First Level Reviewer: tupayachia Date: 01-Nov-2015 05:19:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.069	1.068	0.001	90	279265	500.0	462.6	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	99	2134213	500.0	485.0	
3 Chloromethane	50	1.217	1.208	0.009	99	1285309	500.0	443.8	
5 Butadiene	54	1.299	1.291	0.008	87	1288659	500.0	491.1	
4 Vinyl chloride	62	1.291	1.291	0.000	89	1525269	500.0	447.1	
6 Bromomethane	94	1.521	1.521	0.000	99	1252180	500.0	440.5	
7 Chloroethane	64	1.587	1.579	0.008	99	838854	500.0	430.6	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	99	2695544	500.0	478.6	
9 Dichlorofluoromethane	67	1.760	1.752	0.008	99	2787755	500.0	445.4	
8 Pentane	72	1.768	1.768	0.000	93	350599	1000.0	999.5	
12 Ethanol	46	1.949	1.941	0.008	67	87683	20000	30465	
11 Ethyl ether	59	1.941	1.949	-0.008	95	1032174	500.0	439.3	
13 2-Methyl-1,3-butadiene	53	1.957	1.957	0.000	96	1203135	500.0	473.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	87	1380570	500.0	429.1	
15 Acrolein	56	2.105	2.114	-0.009	96	190767	400.0	356.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.114	0.008	97	1522484	500.0	489.4	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	97	1544508	500.0	438.1	
18 Acetone	43	2.221	2.229	-0.008	87	1424509	2500.0	2355.0	
19 Iodomethane	142	2.262	2.262	0.000	97	3171034	500.0	422.6	
20 Carbon disulfide	76	2.287	2.286	0.001	98	5096886	500.0	464.6	
21 Isopropyl alcohol	45	2.336	2.361	-0.025	98	360460	5000.0	5002.0	
22 3-Chloro-1-propene	76	2.435	2.443	-0.008	58	870617	500.0	447.1	
23 Cyclopentene	67	2.443	2.451	-0.008	91	3413943	500.0	445.2	
24 Methyl acetate	43	2.451	2.459	-0.008	97	4443721	2500.0	2155.1	
25 Acetonitrile	41	2.509	2.517	-0.008	52	1034828	5000.0	4295.6	
26 Methylene Chloride	84	2.566	2.574	-0.008	82	1618607	500.0	422.8	
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	86	200593	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.673	-0.008	96	996091	5000.0	4823.6	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	95	4493533	500.0	429.7	
30 trans-1,2-Dichloroethene	96	2.747	2.747	0.000	91	1626741	500.0	425.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	92	4074964	5000.0	4998.7	
32 Hexane	43	2.904	2.895	0.009	91	518122	500.0	467.4	
34 Isopropyl ether	45	3.142	3.142	0.000	90	3649729	500.0	430.9	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	2484757	500.0	438.4	
36 Vinyl acetate	86	3.184	3.183	0.001	100	395301	1000.0	968.8	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	90	1456184	500.0	460.2	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	90	4287333	500.0	427.6	
39 2,2-Dichloropropane	41	3.686	3.669	0.017	94	1157736	500.0	500.0	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	24	216040	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	98	1759965	500.0	424.1	
41 2-Butanone (MEK)	72	3.735	3.735	0.000	100	660786	2500.0	2250.5	
42 Ethyl acetate	70	3.760	3.760	0.000	96	223736	1000.0	1000.1	
43 Methyl acrylate	55	3.809	3.809	0.000	98	1041700	500.0	465.8	
44 Propionitrile	54	3.883	3.883	0.000	96	1428607	5000.0	5218.7	
46 Tetrahydrofuran	72	3.941	3.949	-0.008	82	328091	1000.0	889.1	
45 Chlorobromomethane	128	3.957	3.957	0.000	74	962570	500.0	431.4	
47 Methacrylonitrile	67	3.998	3.982	0.016	87	5234985	5000.0	4348.8	
48 Chloroform	83	4.031	4.031	0.000	99	2731661	500.0	441.6	
49 Cyclohexane	84	4.138	4.130	0.008	82	1667153	500.0	483.7	
50 1,1,1-Trichloroethane	97	4.163	4.155	0.008	97	2569876	500.0	441.3	
$ 51 Dibromofluoromethane (Surr	113	4.204	4.204	0.000	34	137900	50.0	46.1	
52 Carbon tetrachloride	117	4.286	4.278	0.008	98	2294761	500.0	486.4	
53 1,1-Dichloropropene	75	4.327	4.327	0.000	95	1928787	500.0	455.0	
54 Isooctane	57	4.533	4.525	0.008	96	1971350	500.0	493.0	
55 Benzene	78	4.541	4.541	0.000	96	5615840	500.0	463.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.574	0.009	51	153620	50.0	50.3	
56 Isobutyl alcohol	43	4.574	4.591	-0.017	72	991523	12500	14586	
59 Isopropyl acetate	87	4.657	4.648	0.009	99	1477234	500.0	425.7	
58 Tert-amyl methyl ether	73	4.648	4.648	0.000	93	4765057	500.0	434.0	
60 1,2-Dichloroethane	62	4.665	4.665	0.000	99	2039417	500.0	420.4	
61 n-Heptane	57	4.764	4.764	0.000	82	400946	500.0	484.4	
* 62 Fluorobenzene	96	4.887	4.887	0.000	100	589021	50.0	50.0	
64 Trichloroethene	95	5.307	5.299	0.008	96	1616522	500.0	485.7	
65 n-Butanol	56	5.356	5.373	-0.017	85	377527	12500	12229	
66 Methylcyclohexane	83	5.430	5.422	0.008	90	1431087	500.0	510.9	
67 Ethyl acrylate	55	5.496	5.504	-0.008	98	1557552	500.0	503.8	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	89	1276530	500.0	445.7	
* 69 1,4-Dioxane-d8	96	5.792	5.735	0.057	39	29013	1000.0	1000.0	M
72 Methyl methacrylate	100	5.784	5.784	0.000	82	888460	1000.0	913.9	
70 Dibromomethane	93	5.792	5.792	0.000	89	1004546	500.0	440.2	
71 1,4-Dioxane	88	5.792	5.792	0.000	29	163817	10000	10017	
73 n-Propyl acetate	43	5.866	5.875	-0.009	96	1471891	500.0	467.8	
74 Dichlorobromomethane	83	5.998	5.998	0.000	98	2142224	500.0	493.5	
75 2-Nitropropane	41	6.410	6.410	0.000	98	715948	1000.0	1035.6	
76 2-Chloroethyl vinyl ether	63	6.443	6.442	0.001	92	843407	500.0	473.3	
77 Epichlorohydrin	57	6.550	6.549	0.001	98	2117047	10000	10001	
78 cis-1,3-Dichloropropene	75	6.607	6.607	0.000	90	2367630	500.0	489.4	
79 4-Methyl-2-pentanone (MIBK	43	6.829	6.821	0.008	92	5290312	2500.0	2136.9	
$ 80 Toluene-d8 (Surr)	98	6.870	6.870	0.000	99	492509	50.0	49.4	
81 Toluene	91	6.953	6.953	0.000	95	5935055	500.0	463.8	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	2216882	500.0	510.5	
83 Ethyl methacrylate	69	7.414	7.414	0.000	87	1842792	500.0	513.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.554	7.553	0.001	95	1136363	500.0	483.2	
85 Tetrachloroethene	166	7.562	7.562	0.000	97	1640745	500.0	471.8	
86 1,3-Dichloropropane	76	7.743	7.735	0.008	91	2146834	500.0	450.4	
87 2-Hexanone	43	7.825	7.817	0.008	91	3281598	2500.0	2299.0	
88 Chlorodibromomethane	129	7.940	7.940	0.000	98	1889743	500.0	507.3	
89 n-Butyl acetate	73	7.940	7.940	0.000	83	289592	500.0	508.2	
90 Ethylene Dibromide	107	8.047	8.047	0.000	98	1566261	500.0	472.6	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	84	507388	50.0	50.0	
92 Chlorobenzene	112	8.525	8.525	0.000	98	4312414	500.0	450.5	
93 Ethylbenzene	106	8.615	8.615	0.000	97	2194134	500.0	462.1	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	95	1890363	500.0	492.0	
95 m-Xylene & p-Xylene	106	8.730	8.730	0.000	94	2718071	500.0	454.1	
96 o-Xylene	106	9.109	9.101	0.008	96	2867923	500.0	465.8	
97 n-Butyl acrylate	73	9.117	9.117	0.000	97	1317123	500.0	521.3	
98 Styrene	104	9.134	9.134	0.000	95	4635322	500.0	452.4	
100 Amyl acetate (mixed isomer	43	9.323	9.323	0.000	93	2377605	500.0	504.8	
99 Bromoform	173	9.323	9.323	0.000	72	1373858	500.0	520.6	
101 Isopropylbenzene	105	9.430	9.430	0.000	95	5693192	500.0	455.4	
$ 102 4-Bromofluorobenzene	174	9.611	9.611	0.000	97	212635	50.0	49.1	
104 Bromobenzene	156	9.726	9.726	0.000	87	2183760	500.0	449.8	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.784	0.008	98	1853922	500.0	454.5	
106 N-Propylbenzene	91	9.792	9.792	0.000	98	5713647	500.0	435.7	
107 1,2,3-Trichloropropane	110	9.825	9.817	0.008	96	629050	500.0	458.9	
108 trans-1,4-Dichloro-2-buten	53	9.841	9.841	0.000	85	504792	500.0	515.6	
109 2-Chlorotoluene	91	9.883	9.882	0.001	97	4666295	500.0	448.0	
110 4-Ethyltoluene	105	9.899	9.891	0.008	97	5400841	500.0	429.8	
111 1,3,5-Trimethylbenzene	105	9.957	9.948	0.009	94	4688026	500.0	443.8	
112 4-Chlorotoluene	91	9.990	9.981	0.009	95	4383593	500.0	451.6	
113 Butyl Methacrylate	87	10.047	10.047	0.000	86	2421804	500.0	516.7	
114 tert-Butylbenzene	119	10.212	10.203	0.009	95	3867800	500.0	477.1	
115 1,2,4-Trimethylbenzene	105	10.261	10.261	0.000	96	4975865	500.0	435.7	
116 sec-Butylbenzene	105	10.393	10.393	0.000	98	4939664	500.0	467.9	
118 4-Isopropyltoluene	119	10.516	10.508	0.008	96	4517234	500.0	463.5	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	97	3333758	500.0	439.3	
* 119 1,4-Dichlorobenzene-d4	152	10.574	10.574	0.000	91	322950	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.599	10.598	0.001	95	3422223	500.0	428.0	
121 Benzyl chloride	91	10.722	10.714	0.008	99	3911449	500.0	481.4	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	95	5797959	500.0	413.1	
123 p-Diethylbenzene	119	10.821	10.821	0.000	93	2669268	500.0	451.6	
124 n-Butylbenzene	91	10.837	10.837	0.000	98	4285604	500.0	475.9	
125 1,2-Dichlorobenzene	146	10.895	10.895	0.000	98	3479515	500.0	433.7	
126 1,2,4,5-Tetramethylbenzene	119	11.430	11.430	0.000	99	4605887	500.0	431.8	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.528	0.000	88	361600	500.0	478.3	
128 1,3,5-Trichlorobenzene	180	11.635	11.635	0.000	97	2236285	500.0	436.3	
130 1,2,4-Trichlorobenzene	180	12.121	12.121	0.000	94	2241261	500.0	460.3	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	99	943657	500.0	493.2	
132 Naphthalene	128	12.319	12.318	0.001	99	5818886	500.0	444.1	
133 1,2,3-Trichlorobenzene	180	12.516	12.516	0.000	95	2009154	500.0	447.9	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	850.0	
S 135 Xylenes, Total	100				0		1000.0	919.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added: 1.00	Units: uL	
ACROLEIN W_00043	Amount Added: 40.00	Units: uL	
GAS Hi_00119	Amount Added: 50.00	Units: uL	
MIX I Hi_00048	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00036	Amount Added: 50.00	Units: uL	
8260ISNEW_00030	Amount Added: 1.00	Units: uL	Run Reagent

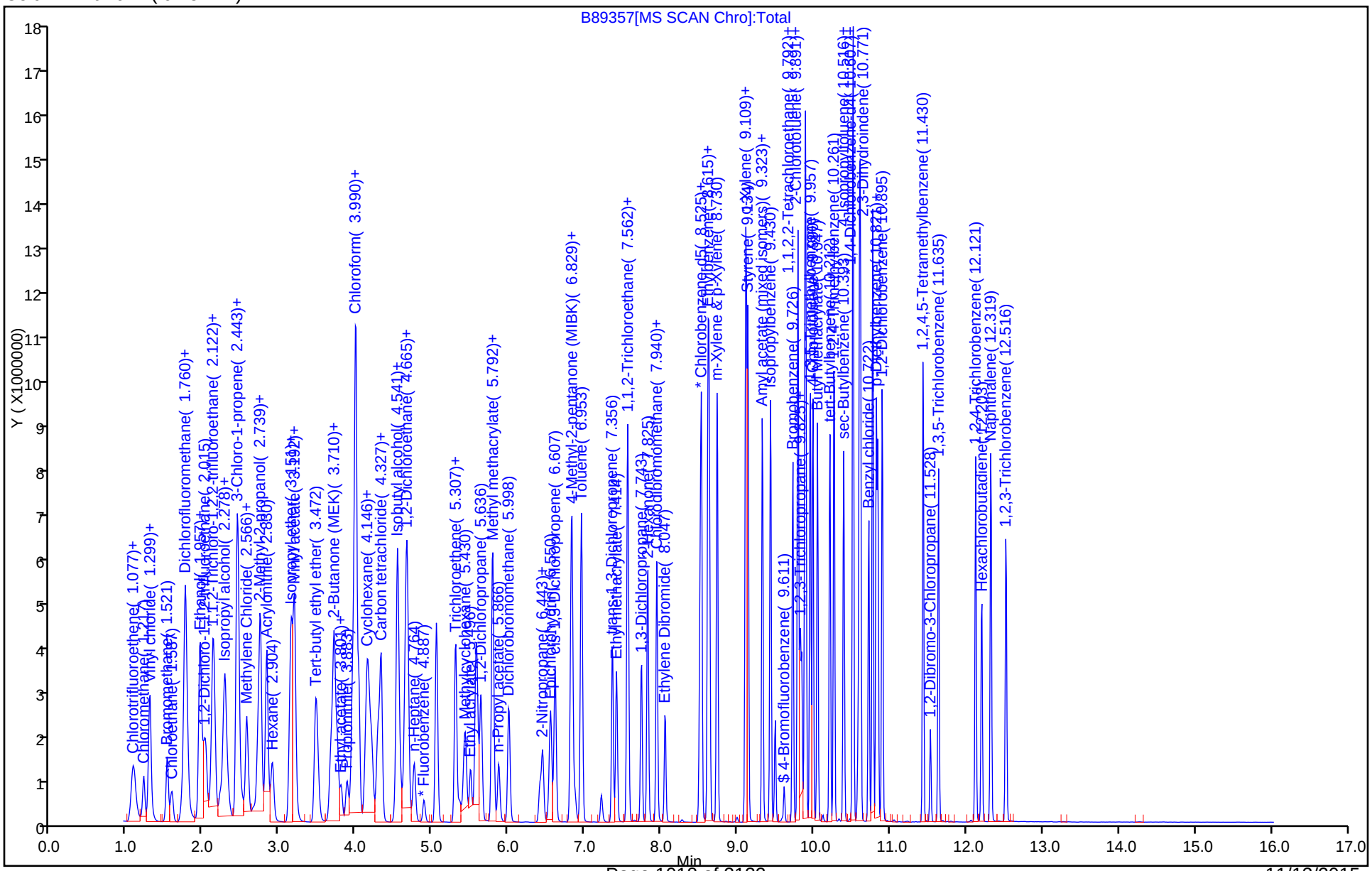
Report Date: 01-Nov-2015 16:35:40 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Injection Date:	31-Oct-2015 15:49:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-333587/3	K46729.D
Level 2	STD5 460-333587/4	K46730.D
Level 3	STD20 460-333587/5	K46731.D
Level 4	STD50 460-333587/6	K46732.D
Level 5	STD200 460-333587/7	K46733.D
Level 6	STD500 460-333587/8	K46734.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	0.0880 0.0850	0.0998	0.0840	0.0829	0.0832	Ave		0.0872				7.4		20.0			
Dichlorodifluoromethane	0.4245 0.6198	0.5199	0.5104	0.4940	0.6222	Ave		0.5318			0.1000	14.4		20.0			
Chloromethane	0.5989 0.6298	0.6127	0.5838	0.5717	0.6529	Ave		0.6083			0.1000	4.9		20.0			
Vinyl chloride	0.4729 0.5510	0.5555	0.5419	0.5336	0.5855	Ave		0.5401			0.1000	6.9		20.0			
Butadiene	0.3724 0.4811	0.4640	0.4455	0.4434	0.5026	Ave		0.4515				9.9		20.0			
Bromomethane	0.2464 0.2440	0.2737	0.2624	0.2683	0.2627	Ave		0.2596			0.1000	4.6		20.0			
Chloroethane	0.1458 0.1862	0.2131	0.2060	0.2088	0.1984	Ave		0.1930			0.1000	13.0		20.0			
Dichlorofluoromethane	0.7838 0.7772	0.8083	0.7924	0.7473	0.7930	Ave		0.7837				2.6		20.0			
Trichlorofluoromethane	0.4878 0.5859	0.5874	0.5497	0.5279	0.5836	Ave		0.5537			0.1000	7.3		20.0			
Pentane	0.0581 0.0564	0.0772	0.0592	0.0570	0.0557	Ave		0.0606				13.5		20.0			
Ethyl ether	0.3323 0.2439	0.3112	0.2666	0.2629	0.2534	Ave		0.2784				12.6		20.0			
Ethanol	0.0877 0.0617	0.0671	0.0422	0.0546	0.0607	QuaF		0.0588	0.0000001						1.0000		0.9900
2-Methyl-1,3-butadiene	0.3603 0.3093	0.3735	0.3279	0.3298	0.3119	Ave		0.3354				7.8		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3225 0.2628	0.3239	0.2831	0.2690	0.2541	Ave		0.2859				10.6		20.0			
Acrolein	1.4746 1.4965	2.3904	1.6733	1.7163	1.5532	Ave		1.7174				20.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

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								
Freon TF	0.3485 0.3799	0.4547	0.3880	0.3740	0.3679	Ave		0.3855			0.1000	9.5		20.0			
1,1-Dichloroethene	0.3472 0.3017	0.3614	0.3092	0.2980	0.2890	Ave		0.3177			0.1000	9.2		20.0			
Acetone	1.9236 1.0502	1.3270	1.1207	1.2091	1.1129	Qua2	3.8667	1.1524	-0.000041		0.0500				0.9990		0.9900
Iodomethane	0.7053 0.5584	0.6493	0.5726	0.5613	0.5447	Ave		0.5986				10.7		20.0			
Isopropyl alcohol	0.9565 0.7763	0.9488	0.7807	0.7555	0.7744	Ave		0.8320				11.3		20.0			
Carbon disulfide	1.4298 1.2374	1.3995	1.2398	1.2084	1.1950	Ave		1.2850			0.1000	8.0		20.0			
Allyl chloride	0.2359 0.2008	0.2178	0.1945	0.1941	0.1920	Ave		0.2058				8.5		20.0			
Methyl acetate	0.4089 0.2727	0.3320	0.2982	0.3040	0.2995	Ave		0.3192			0.1000	15.0		20.0			
Cyclopentene	0.8908 0.8490	1.0126	0.9111	0.8924	0.8458	Ave		0.9003				6.8		20.0			
Acetonitrile	2.5446 1.8018	1.9087	1.9718	1.9370	1.8503	Ave		2.0024				13.6		20.0			
Methylene Chloride	0.4998 0.3328	0.4143	0.3578	0.3510	0.3330	Ave		0.3814			0.1000	17.1		20.0			
2-Methyl-2-propanol	2.5156 1.2712	1.5457	1.2914	1.2821	1.2700	Lin2	12.590	1.2614							1.0000		0.9900
MTBE	1.1795 0.8800	1.0468	0.9521	0.9471	0.9132	Ave		0.9865			0.1000	11.1		20.0			
trans-1,2-Dichloroethene	0.4112 0.3070	0.3744	0.3220	0.3183	0.3031	Ave		0.3394			0.1000	12.8		20.0			
Acrylonitrile	0.1691 0.1133	0.1363	0.1233	0.1288	0.1230	Ave		0.1323				14.8		20.0			
Hexane	0.3465 0.3473	0.4243	0.3790	0.3765	0.3519	Ave		0.3709				8.1		20.0			
Isopropyl ether	1.5824 1.1089	1.3909	1.2650	1.2367	1.1636	Ave		1.2912				13.3		20.0			
1,1-Dichloroethane	0.8499 0.6045	0.7426	0.6720	0.6569	0.6191	Ave		0.6908			0.2000	13.3		20.0			
Vinyl acetate	0.7940 0.5229	0.6544	0.6962	0.6680	0.5492	Ave		0.6474				15.4		20.0			
2-Chloro-1,3-butadiene	0.3216 0.2809	0.3194	0.2981	0.2957	0.2829	Ave		0.2998				5.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

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	1.3901 0.9833	1.1681	1.0645	1.0579	1.0208	Ave		1.1141				13.3		20.0			
2,2-Dichloropropane	0.2457 0.1627	0.2083	0.1752	0.1687	0.1617	Ave		0.1871				17.9		20.0			
cis-1,2-Dichloroethene	0.4633 0.3407	0.4306	0.3671	0.3613	0.3411	Ave		0.3840			0.1000	13.3		20.0			
2-Butanone	0.5506 0.3337	0.4094	0.3369	0.3609	0.3419	Lin2	1.0520	0.3441			0.0500				0.9980		0.9900
Ethyl acetate	9.6235 5.7561	7.3501	6.2159	6.3945	6.0091	Qua2	6.6624	6.3487	-0.000642						0.9990		0.9900
Methyl acrylate	0.3822 0.2788	0.2683	0.2719	0.2842	0.2848	Ave		0.2950				14.6		20.0			
Propionitrile	2.0685 1.4814	1.7755	1.5708	1.5307	1.5276	Ave		1.6591				13.6		20.0			
Tetrahydrofuran	0.6572 0.3750	0.4594	0.4131	0.4127	0.3972	Qua2	0.4996	0.4077	-0.000033						1.0000		0.9900
Bromochloromethane	0.2248 0.1575	0.1969	0.1712	0.1657	0.1634	Ave		0.1799				14.4		20.0			
Methacrylonitrile	0.1624 0.1126	0.1366	0.1286	0.1311	0.1281	Ave		0.1332				12.3		20.0			
Chloroform	0.8075 0.5254	0.6740	0.6022	0.5895	0.5499	Ave		0.6248			0.2000	16.5		20.0			
Cyclohexane	0.6404 0.6692	0.7639	0.6915	0.6799	0.6557	Ave		0.6834			0.1000	6.3		20.0			
1,1,1-Trichloroethane	0.6325 0.4917	0.5917	0.5178	0.5106	0.4868	Ave		0.5385			0.1000	11.1		20.0			
Carbon tetrachloride	0.4754 0.4402	0.5083	0.4465	0.4418	0.4230	Ave		0.4559			0.1000	6.8		20.0			
1,1-Dichloropropene	0.5475 0.4650	0.5336	0.4717	0.4691	0.4538	Ave		0.4901				8.1		20.0			
Isobutyl alcohol	0.5969 0.5297	0.5698	0.4564	0.4800	0.5177	Ave		0.5251				10.1		20.0			
Benzene	2.7619 1.8274	2.3008	2.0133	1.9709	1.8907	Ave		2.1275			0.5000	16.5		20.0			
Isopropyl acetate	1.2133 0.9021	1.0506	0.9898	1.0138	0.9938	Ave		1.0272				10.1		20.0			
Tert-amyl methyl ether	1.2670 0.9658	1.1207	1.0139	1.0296	1.0153	Ave		1.0687				10.3		20.0			
1,2-Dichloroethane	0.6356 0.4084	0.5085	0.4562	0.4399	0.4225	Ave		0.4785			0.1000	17.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

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	0.3116 0.3036	0.3619	0.3245	0.3192	0.3077	Ave		0.3214				6.6		20.0			
n-Butanol	0.5089 0.3812	0.3607	0.3251	0.3335	0.3561	Ave		0.3776				17.8		20.0			
Trichloroethene	0.4213 0.3301	0.3664	0.3301	0.3229	0.3186	Ave		0.3482			0.2000	11.4		20.0			
Ethyl acrylate	1.0063 0.9097	0.9951	0.9299	0.9330	0.9203	Ave		0.9490				4.3		20.0			
Methylcyclohexane	0.5801 0.6390	0.7123	0.6472	0.6402	0.6268	Ave		0.6409			0.1000	6.6		20.0			
1,2-Dichloropropane	0.5181 0.3458	0.4071	0.3603	0.3529	0.3483	Ave		0.3888			0.1000	17.3		20.0			
Methyl methacrylate	0.3548 0.2804	0.2824	0.2912	0.2946	0.3127	Ave		0.3027				9.2		20.0			
1,4-Dioxane	2.4128 0.8509	1.7967	1.4473	1.4344	1.1070	QuaF		1.3101	-0.000046						0.9990		0.9900
n-Propyl acetate	0.7822 0.4809	0.5275	0.4940	0.5125	0.5057	Lin2	0.2895	0.4889							0.9990		0.9900
Dibromomethane	0.2547 0.1970	0.2221	0.2032	0.2010	0.2000	Ave		0.2130				10.5		20.0			
Bromodichloromethane	0.5407 0.4348	0.4548	0.4211	0.4181	0.4248	Ave		0.4490			0.2000	10.4		20.0			
2-Chloroethyl vinyl ether	0.2232 0.1882	0.1803	0.1761	0.1750	0.1850	Ave		0.1880				9.6		20.0			
2-Nitropropane	0.1213 0.0821	0.0898	0.0797	0.0810	0.0847	Ave		0.0898				17.7		20.0			
Epichlorohydrin	0.3842 0.2791	0.2960	0.2818	0.2858	0.2750	Ave		0.3003				13.9		20.0			
cis-1,3-Dichloropropene	0.9404 0.7750	0.8026	0.7546	0.7411	0.7620	Ave		0.7960			0.2000	9.3		20.0			
4-Methyl-2-pentanone	4.3582 3.0275	3.5572	3.3766	3.5197	3.2825	Ave		3.5203			0.0500	12.9		20.0			
Toluene	2.7876 1.9021	2.1722	1.9624	1.9479	1.9030	Ave		2.1125			0.4000	16.4		20.0			
trans-1,3-Dichloropropene	0.8183 0.6413	0.6784	0.6228	0.6153	0.6367	Ave		0.6688			0.1000	11.4		20.0			
Ethyl methacrylate	0.6365 0.5365	0.5282	0.5040	0.5347	0.5510	Ave		0.5485				8.3		20.0			
1,1,2-Trichloroethane	0.4694 0.3238	0.3816	0.3359	0.3325	0.3322	Ave		0.3626			0.1000	15.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	0.5724 0.4629	0.5311	0.4602	0.4565	0.4471	Ave		0.4884			0.2000	10.5		20.0			
1,3-Dichloropropane	0.8859 0.6255	0.7151	0.6430	0.6316	0.6294	Ave		0.6884				14.9		20.0			
2-Hexanone	2.8691 2.0902	2.3021	2.1427	2.3241	2.1183	Ave		2.3078			0.0500	12.6		20.0			
n-Butyl acetate	0.7977 0.5358	0.6344	0.5682	0.5833	0.5749	Ave		0.6157				15.4		20.0			
Dibromochloromethane	0.5307 0.4473	0.4565	0.4143	0.4271	0.4414	Ave		0.4529			0.1000	9.0		20.0			
1,2-Dibromoethane	0.5032 0.3630	0.4084	0.3688	0.3635	0.3677	Ave		0.3958			0.1000	14.0		20.0			
Chlorobenzene	1.6178 1.2104	1.3664	1.2232	1.1950	1.1720	Ave		1.2975			0.5000	13.2		20.0			
Ethylbenzene	0.8437 0.6648	0.7488	0.6708	0.6840	0.6609	Ave		0.7122			0.1000	10.1		20.0			
1,1,1,2-Tetrachloroethane	0.5957 0.4606	0.5168	0.4709	0.4772	0.4707	Ave		0.4986				10.3		20.0			
m-Xylene & p-Xylene	1.0109 0.8222	0.9311	0.8228	0.8398	0.8116	Ave		0.8731			0.1000	9.2		20.0			
n-Butyl acrylate	0.3389 0.3114	0.3142	0.2914	0.3181	0.3245	Ave		0.3164				5.0		20.0			
o-Xylene	1.1000 0.8330	0.9654	0.8799	0.9059	0.8675	Ave		0.9253			0.3000	10.4		20.0			
Styrene	1.5147 1.2828	1.3652	1.2888	1.3252	1.2918	Ave		1.3448			0.3000	6.6		20.0			
Amyl acetate (mixed isomers)	2.0641 1.5762	1.6748	1.6476	1.7443	1.6919	Ave		1.7331				9.9		20.0			
Bromoform	0.3490 0.2637	0.2776	0.2462	0.2584	0.2619	Ave		0.2761			0.1000	13.4		20.0			
Isopropylbenzene	2.6936 2.1838	2.4985	2.3032	2.3744	2.2665	Ave		2.3867			0.1000	7.7		20.0			
Bromobenzene	1.3282 0.9888	1.0484	0.9739	0.9641	0.9480	Ave		1.0419				13.9		20.0			
1,1,2,2-Tetrachloroethane	1.5273 1.0425	1.1869	1.0684	1.0948	1.0723	Ave		1.1654			0.3000	15.8		20.0			
N-Propylbenzene	6.0638 4.9173	5.7924	5.2017	5.3167	5.1585	Ave		5.4084				8.0		20.0			
1,2,3-Trichloropropane	0.3722 0.2452	0.2813	0.2584	0.2587	0.2558	Ave		0.2786				17.0		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,4-Dichloro-2-butene	0.4197 0.2686	0.3403	0.2896	0.2877	0.2750	Ave		0.3135				18.4		20.0			
2-Chlorotoluene	4.3592 3.2396	3.8147	3.4856	3.5324	3.3894	Ave		3.6368				11.0		20.0			
4-Ethyltoluene	4.7862 3.8680	4.4980	4.2383	4.2893	4.1212	Ave		4.3002				7.3		20.0			
1,3,5-Trimethylbenzene	4.3326 3.6963	3.8842	3.6548	3.7472	3.7107	Ave		3.8376				6.6		20.0			
4-Chlorotoluene	3.7529 2.8796	3.2462	2.9671	2.9380	2.8194	Ave		3.1005				11.3		20.0			
Butyl Methacrylate	1.2007 1.1866	1.0558	1.0747	1.1746	1.2259	Ave		1.1530				6.1		20.0			
tert-Butylbenzene	3.1664 3.0810	3.0135	2.9728	3.0101	3.0456	Ave		3.0483				2.2		20.0			
1,2,4-Trimethylbenzene	4.3796 3.6504	4.0406	3.7288	3.9031	3.7354	Ave		3.9063				6.9		20.0			
sec-Butylbenzene	5.2775 4.6254	5.2972	4.9309	5.0713	4.9986	Ave		5.0335				4.9		20.0			
4-Isopropyltoluene	4.4106 3.8460	4.3541	4.1885	4.2885	4.1911	Ave		4.2131				4.8		20.0			
1,3-Dichlorobenzene	2.6397 1.6812	2.1522	1.9048	1.9088	1.8054	Ave		2.0153			0.6000	17.0		20.0			
1,4-Dichlorobenzene	2.5898 1.7323	2.1795	1.8932	1.8907	1.7964	Ave		2.0137			0.5000	15.9		20.0			
Benzyl chloride	2.4313 1.7753	1.9737	1.7978	1.8972	1.8574	Ave		1.9554				12.5		20.0			
Indan	4.7788 3.4711	4.1000	3.7551	3.9363	3.7374	Ave		3.9631				11.4		20.0			
p-Diethylbenzene	2.7637 2.2488	2.6086	2.3846	2.4808	2.3521	Ave		2.4731				7.6		20.0			
n-Butylbenzene	5.6865 4.3380	5.4677	4.9021	5.0280	4.6660	Ave		5.0147				10.0		20.0			
1,2-Dichlorobenzene	2.5946 1.8317	2.1413	1.9088	1.9731	1.8604	Ave		2.0516			0.4000	14.0		20.0			
1,2,4,5-Tetramethylbenzene	5.0111 3.7830	4.3345	4.0646	4.1475	4.0741	Ave		4.2358				9.9		20.0			
1,2-Dibromo-3-Chloropropane	0.3932 0.2047	0.2566	0.2132	0.2263	0.2136	Qua2	0.1771	0.2166	-0.000023		0.0500				0.9990		0.9900
1,3,5-Trichlorobenzene	2.4700 1.5405	1.8440	1.6510	1.6550	1.5887	Ave		1.7915				19.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	2.3595 1.4686	1.8219	1.5622	1.5770	1.4960	Ave		1.7142			0.2000	19.8		20.0			
Hexachlorobutadiene	0.9321 0.8296	0.8512	0.7502	0.7623	0.7881	Ave		0.8189				8.3		20.0			
Naphthalene	5.9702 3.6522	4.4760	3.8196	4.0117	3.8327	Qua2	2.0659	3.9247	-0.000546						0.9990		0.9900
1,2,3-Trichlorobenzene	2.5331 1.4622	1.8048	1.5785	1.5692	1.5025	Qua2	0.9798	1.5617	-0.000220						1.0000		0.9900
Dibromofluoromethane (Surr)	0.3052 0.2931	0.3074	0.3065	0.3053	0.2942	Ave		0.3019				2.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3116 0.3513	0.3178	0.3203	0.3208	0.3263	Ave		0.3247				4.3		20.0			
Toluene-d8 (Surr)	1.5100 1.4752	1.4779	1.4600	1.4858	1.4643	Ave		1.4789				1.2		20.0			
Bromofluorobenzene	0.4919 0.4842	0.4898	0.4841	0.4888	0.4719	Ave		0.4851				1.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-333587/3	K46729.D
Level 2	STD5 460-333587/4	K46730.D
Level 3	STD20 460-333587/5	K46731.D
Level 4	STD50 460-333587/6	K46732.D
Level 5	STD200 460-333587/7	K46733.D
Level 6	STD500 460-333587/8	K46734.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	Ave	937 554303	5251	18104	45654	197972	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4519 4042676	27351	109965	272104	1479849	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	6376 4107732	32233	125783	314920	1552885	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5035 3593904	29223	116739	293934	1392539	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	3965 3137661	24411	95976	244256	1195399	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2623 1591440	14400	56540	147767	624938	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1552 1214370	11211	44380	115041	471817	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	8345 5068999	42522	170719	411619	1886038	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5193 3821549	30902	118421	290759	1388061	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1237 736372	8120	25512	62746	265168	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3538 1590498	16372	57440	144797	602797	1.00 500	5.00	20.0	50.0	200
Ethanol	TBA	QuaF	1184 499810	4477	11636	40234	187158	40.0 20000	200	800	2000	8000
2-Methyl-1,3-butadiene	FB	Ave	3836 2017275	19646	70639	181659	741842	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3433 1714207	17041	60990	148185	604366	1.00 500	5.00	20.0	50.0	200
Acrolein	TBA	Ave	49795 363456	159457	172859	252779	299535	100 600	200	300	400	500
Freon TF	FB	Ave	3710 2477968	23922	83580	206005	874948	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	3696 1967823	19010	66615	164158	687327	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Qua2	10793 3789409	37212	131017	367257	1503320	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	7509 3642102	34156	123350	309203	1295453	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBA	Ave	3230 1571143	15823	53767	139085	597412	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	15222 8070993	73619	267099	665646	2842329	1.00 500	5.00	20.0	50.0	200
Allyl chloride	FB	Ave	2512 1309406	11459	41899	106890	456655	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	21767 8892355	87325	321250	837248	3561759	5.00 2500	25.0	100	250	1000
Cyclopentene	FB	Ave	9484 5537688	53266	196280	491547	2011602	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBA	Ave	8593 3646518	31831	135798	356605	1427315	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	5321 2170336	21795	77081	193355	792090	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBA	Lin2	8495 2572789	25777	88940	236041	979700	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	12557 5739731	55066	205121	521707	2172144	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4378 2002564	19698	69380	175305	720923	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	17999 7389783	71689	265589	709679	2925419	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	3689 2265494	22323	81642	207369	837047	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	16847 7232375	73169	272528	681222	2767529	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9048 3942833	39066	144781	361818	1472567	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	16906 6820484	68853	299972	735957	2612302	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	3424 1832179	16801	64224	162886	672797	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	14799 6413727	61448	229342	582698	2427898	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2616 1061228	10960	37749	92917	384556	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

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	4932 2221874	22653	79080	199017	811215	1.00 500	5.00	20.0	50.0	200
2-Butanone	BUT	Lin2	3089 1204225	11480	39390	109618	461798	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Qua2	21598 8307645	82444	290677	776924	3246891	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	4069 1818180	14115	58571	156568	677384	1.00 500	5.00	20.0	50.0	200
Propionitrile	TBA	Ave	6985 2998142	29610	108181	281796	1178434	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Qua2	1475 541282	5153	19317	50148	214616	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	2393 1027052	10357	36890	91256	388734	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	17286 7342096	71863	277023	721879	3047156	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	8597 3426650	35456	129732	324736	1307993	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6818 4364576	40183	148966	374506	1559679	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	6734 3206752	31127	111543	281279	1157796	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5061 2871034	26739	96201	243358	1006092	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5829 3032694	28072	101632	258407	1079294	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBA	Ave	5039 2680170	23754	78580	220913	998466	25.0 12500	125	500	1250	5000
Benzene	CBZ	Ave	19386 8454303	80778	298655	739680	3100317	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	12917 5884090	55265	213238	558419	2363624	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	13489 6298981	58957	218438	567139	2414897	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6767 2663966	26750	98284	242333	1004978	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	3317 1980035	19040	69918	175847	731880	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBA	Ave	4296 1928935	15037	55971	153510	686775	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4485 2153205	19272	71111	177871	757715	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl acrylate	FB	Ave	10713 5933327	52345	200338	513912	2189022	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	6176 4167862	37471	139429	352657	1490949	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5516 2255620	21416	77630	194364	828413	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	7554 3657884	29713	125492	324542	1487493	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	QuaF	1306 452260	4775	16560	42436	164181	20.0 10000	100	400	1000	4000
n-Propyl acetate	FB	Lin2	8328 3136715	27748	106423	282290	1202880	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2712 1285181	11682	43783	110698	475803	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5756 2835742	23923	90728	230292	1010366	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2376 1227476	9484	37934	96421	439971	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2583 1071458	9448	34344	89280	402847	2.00 1000	10.0	40.0	100	400
Epichlorohydrin	BUT	Ave	8623 4028559	33198	131794	347283	1486134	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	6601 3585712	28179	111940	278126	1249578	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	BUT	Ave	24453 10923651	99752	394757	1069106	4433986	5.00 2500	25.0	100	250	1000
Toluene	CBZ	Ave	19567 8800212	76265	291104	731027	3120492	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5744 2966894	23818	92382	230920	1044034	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	CBZ	Ave	4468 2481919	18545	74765	200675	903574	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3295 1498136	13399	49831	124790	544785	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	4018 2141578	18646	68273	171321	733112	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6218 2893951	25106	95387	237042	1032017	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	16098 7541742	64555	250497	705938	2861480	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBZ	Ave	5599 2479079	22275	84293	218919	942678	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

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
Dibromochloromethane	CBZ	Ave	3725 2069385	16026	61465	160293	723765	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3532 1679305	14337	54712	136435	602906	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11356 5599719	47972	181452	448464	1921820	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5922 3075529	26291	99509	256714	1083740	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	4181 2130736	18146	69849	179074	771813	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	7096 3804070	32692	122063	315159	1330850	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBZ	Ave	2379 1440677	11031	43221	119395	532109	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	7721 3853755	33893	130522	339984	1422494	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	10632 5935046	47932	191184	497338	2118287	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	7786 3668599	31803	129083	347535	1444036	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2450 1219781	9746	36516	96961	429461	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	18907 10103257	87720	341664	891081	3716560	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	5010 2301389	19909	76303	192079	809092	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5761 2426485	22538	83711	218128	915225	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22873 11445133	109995	407543	1059297	4402788	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1404 570637	5341	20246	51547	218339	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1583 625251	6462	22687	57329	234705	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	16443 7540243	72440	273095	703798	2892846	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCB	Ave	18054 9002916	85415	332062	854598	3517425	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16343 8603148	73760	286344	746592	3167066	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14156 6702362	61644	232465	585371	2406389	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Butyl Methacrylate	DCB	Ave	4529 2761734	20050	84201	234018	1046300	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	11944 7171224	57226	232913	599736	2599396	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16520 8496471	76729	292147	777643	3188203	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	19907 10765744	100591	386330	1010391	4266326	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	16637 8951754	82683	328161	854442	3577091	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9957 3912942	40870	149236	380297	1540926	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9769 4032059	41387	148330	376698	1533223	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	9171 4132032	37480	140853	377986	1585293	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	18026 8079093	77858	294207	784266	3189898	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCB	Ave	10425 5234077	49536	186830	494260	2007546	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	21450 10096874	103829	384073	1001761	3982431	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9787 4263385	40663	149551	393110	1587829	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCB	Ave	18902 8805024	82310	318453	826346	3477211	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Qua2	1483 476426	4873	16705	45083	182289	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCB	Ave	9317 3585480	35016	129351	329731	1355980	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	8900 3418242	34598	122392	314195	1276857	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	3516 1930855	16163	58780	151872	672663	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Qua2	22520 8500518	84997	299261	799281	3271168	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Qua2	9555 3403421	34273	123672	312648	1282350	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	162489 191156	161684	165052	168164	174938	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	165885 229142	167203	172524	176696	194010	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333587

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/06/2015 06:23 Calibration End Date: 11/06/2015 08:33 Calibration ID: 53162

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBZ	Ave	529945 682502	518877	541435	557624	600283	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	CBZ	Ave	172647 224016	171981	179543	183453	193452	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46729.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 06-Nov-2015 06:23:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0033885-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:30:47 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:19:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.553	1.537	0.016	69	937	1.00	1.01	
2 Dichlorodifluoromethane	85	1.569	1.580	-0.011	48	4519	1.00	0.7982	
3 Chloromethane	50	1.751	1.751	0.000	99	6376	1.00	0.9845	
4 Vinyl chloride	62	1.853	1.853	0.000	78	5035	1.00	0.8757	
5 Butadiene	54	1.853	1.858	-0.005	97	3965	1.00	0.8249	
6 Bromomethane	94	2.147	2.147	0.000	83	2623	1.00	0.9491	
7 Chloroethane	64	2.211	2.217	-0.006	82	1552	1.00	0.7551	
9 Trichlorofluoromethane	101	2.393	2.393	0.000	46	5193	1.00	0.8809	
8 Dichlorofluoromethane	67	2.404	2.399	0.005	97	8345	1.00	1.00	
10 Pentane	72	2.436	2.436	0.000	95	1237	2.00	1.92	
11 Ethanol	46	2.645	2.618	0.027	78	1184	40.0	59.6	
12 Ethyl ether	59	2.634	2.634	0.000	88	3538	1.00	1.19	M
13 2-Methyl-1,3-butadiene	53	2.650	2.656	-0.006	97	3836	1.00	1.07	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	73	3433	1.00	1.13	
15 Acrolein	56	2.811	2.816	-0.005	97	49795	100.0	85.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.832	-0.005	85	3710	1.00	0.9040	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	95	3696	1.00	1.09	
18 Acetone	43	2.939	2.934	0.005	85	10793	5.00	4.99	M
19 Iodomethane	142	3.009	3.009	0.000	99	7509	1.00	1.18	
20 Isopropyl alcohol	45	3.019	3.030	-0.011	1	3230	10.0	11.5	M
21 Carbon disulfide	76	3.046	3.046	0.000	100	15222	1.00	1.11	
22 3-Chloro-1-propene	76	3.174	3.169	0.005	69	2512	1.00	1.15	
23 Methyl acetate	43	3.180	3.180	0.000	99	21767	5.00	6.40	
24 Cyclopentene	67	3.190	3.196	-0.006	88	9484	1.00	0.9895	
25 Acetonitrile	41	3.244	3.244	0.000	63	8593	10.0	12.7	
* 26 TBA-d9 (IS)	65	3.292	3.292	0.000	100	337691	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.303	0.000	95	5321	1.00	1.31	
28 2-Methyl-2-propanol	59	3.367	3.356	0.011	94	8495	10.0	9.96	
29 Methyl tert-butyl ether	73	3.458	3.463	-0.005	98	12557	1.00	1.20	M
30 trans-1,2-Dichloroethene	96	3.490	3.495	-0.005	98	4378	1.00	1.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.570	3.565	0.005	92	17999	10.0	12.8	
32 Hexane	43	3.650	3.651	-0.001	94	3689	1.00	0.9342	
34 Isopropyl ether	45	3.864	3.859	0.005	93	16847	1.00	1.23	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	98	9048	1.00	1.23	
36 Vinyl acetate	43	3.902	3.907	-0.005	100	16906	2.00	2.45	
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	93	3424	1.00	1.07	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	14799	1.00	1.25	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	99	280537	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.405	0.000	57	2616	1.00	1.31	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	89	4932	1.00	1.21	
42 Ethyl acetate	43	4.432	4.437	-0.005	88	21598	2.00	1.98	
43 2-Butanone (MEK)	72	4.432	4.437	-0.005	96	3089	5.00	4.94	M
44 Methyl acrylate	55	4.485	4.496	-0.011	98	4069	1.00	1.30	
45 Propionitrile	54	4.576	4.576	0.000	97	6985	10.0	12.5	
66 Tetrahydrofuran	72	4.651	4.656	-0.005	40	1475	2.00	2.00	
46 Chlorobromomethane	128	4.656	4.656	0.000	91	2393	1.00	1.25	
47 Methacrylonitrile	67	4.683	4.678	0.005	95	17286	10.0	12.2	
48 Chloroform	83	4.704	4.704	0.000	97	8597	1.00	1.29	
49 Cyclohexane	56	4.849	4.849	0.000	35	6818	1.00	0.9371	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	36	6734	1.00	1.17	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	162489	50.0	50.5	
52 Carbon tetrachloride	117	4.977	4.983	-0.006	95	5061	1.00	1.04	
53 1,1-Dichloropropene	75	5.009	5.009	0.000	94	5829	1.00	1.12	
54 Isobutyl alcohol	43	5.122	5.111	0.011	64	5039	25.0	28.4	
55 Benzene	78	5.213	5.213	0.000	97	19386	1.00	1.30	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	96	165885	50.0	48.0	
57 Isopropyl acetate	43	5.255	5.255	0.000	95	12917	1.00	1.18	
58 Tert-amyl methyl ether	73	5.266	5.272	-0.006	92	13489	1.00	1.19	
59 1,2-Dichloroethane	62	5.304	5.304	0.000	95	6767	1.00	1.33	
60 n-Heptane	57	5.357	5.362	-0.005	64	3317	1.00	0.9693	M
* 61 Fluorobenzene	96	5.496	5.502	-0.006	98	532317	50.0	50.0	
63 n-Butanol	56	5.790	5.780	0.010	91	4296	25.0	33.7	
64 Trichloroethene	95	5.855	5.855	0.000	92	4485	1.00	1.21	
65 Ethyl acrylate	55	5.972	5.978	-0.006	98	10713	1.00	1.06	
67 Methylcyclohexane	83	5.988	5.988	0.000	97	6176	1.00	0.9051	
68 1,2-Dichloropropane	63	6.149	6.154	-0.005	86	5516	1.00	1.33	
* 69 1,4-Dioxane-d8	96	6.197	6.202	-0.005	96	27064	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	96	7554	2.00	2.34	
71 1,4-Dioxane	88	6.256	6.251	0.005	27	1306	20.0	36.9	
72 n-Propyl acetate	43	6.266	6.267	-0.001	99	8328	1.00	1.01	
73 Dibromomethane	93	6.283	6.283	0.000	96	2712	1.00	1.20	
74 Dichlorobromomethane	83	6.427	6.432	-0.005	95	5756	1.00	1.20	
76 2-Chloroethyl vinyl ether	63	6.759	6.764	-0.005	70	2376	1.00	1.19	
75 2-Nitropropane	41	6.764	6.769	-0.005	79	2583	2.00	2.70	
77 Epichlorohydrin	57	6.876	6.876	0.000	99	8623	20.0	25.6	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	93	6601	1.00	1.18	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	24453	5.00	6.19	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	529945	50.0	51.1	
81 Toluene	91	7.262	7.262	0.000	92	19567	1.00	1.32	
82 trans-1,3-Dichloropropene	75	7.604	7.609	-0.005	97	5744	1.00	1.22	
83 Ethyl methacrylate	69	7.636	7.636	0.000	91	4468	1.00	1.16	
84 1,1,2-Trichloroethane	83	7.834	7.829	0.005	94	3295	1.00	1.29	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.877	7.882	-0.005	93	4018	1.00	1.17	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	95	6218	1.00	1.29	
87 2-Hexanone	43	8.091	8.096	-0.005	98	16098	5.00	6.22	
88 n-Butyl acetate	43	8.208	8.209	0.000	97	5599	1.00	1.30	
89 Chlorodibromomethane	129	8.278	8.278	0.000	96	3725	1.00	1.17	
90 Ethylene Dibromide	107	8.438	8.439	-0.001	97	3532	1.00	1.27	
* 91 Chlorobenzene-d5	117	8.984	8.990	-0.006	88	350960	50.0	50.0	
92 Chlorobenzene	112	9.022	9.027	-0.005	93	11356	1.00	1.25	
93 Ethylbenzene	106	9.118	9.123	-0.005	99	5922	1.00	1.18	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	90	4181	1.00	1.19	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	99	7096	1.00	1.16	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	2379	1.00	1.07	
97 o-Xylene	106	9.690	9.690	0.000	92	7721	1.00	1.19	
98 Styrene	104	9.717	9.717	0.000	94	10632	1.00	1.13	
99 Amyl acetate (mixed isomer	43	9.878	9.883	-0.005	87	7786	1.00	1.19	
100 Bromoform	173	9.915	9.915	0.000	93	2450	1.00	1.26	
101 Isopropylbenzene	105	10.022	10.022	0.000	95	18907	1.00	1.13	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	90	172647	50.0	50.7	
104 Bromobenzene	156	10.311	10.311	0.000	98	5010	1.00	1.27	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	5761	1.00	1.31	
106 N-Propylbenzene	91	10.364	10.364	0.000	99	22873	1.00	1.12	
107 1,2,3-Trichloropropane	110	10.380	10.386	-0.006	97	1404	1.00	1.34	
108 trans-1,4-Dichloro-2-buten	53	10.396	10.397	-0.001	78	1583	1.00	1.34	
109 2-Chlorotoluene	91	10.455	10.455	0.000	96	16443	1.00	1.20	
110 4-Ethyltoluene	105	10.455	10.461	-0.006	87	18054	1.00	1.11	
111 1,3,5-Trimethylbenzene	105	10.509	10.514	-0.005	93	16343	1.00	1.13	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	14156	1.00	1.21	
113 Butyl Methacrylate	87	10.584	10.584	0.000	94	4529	1.00	1.04	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	11944	1.00	1.04	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	16520	1.00	1.12	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	19907	1.00	1.05	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	16637	1.00	1.05	
118 1,3-Dichlorobenzene	146	11.001	11.006	-0.005	95	9957	1.00	1.31	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.055	-0.001	97	188603	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	92	9769	1.00	1.29	
121 Benzyl chloride	91	11.167	11.167	0.000	97	9171	1.00	1.24	
122 2,3-Dihydroindene	117	11.210	11.215	-0.005	95	18026	1.00	1.21	
123 p-Diethylbenzene	119	11.247	11.247	0.000	90	10425	1.00	1.12	
124 n-Butylbenzene	91	11.258	11.263	-0.005	98	21450	1.00	1.13	
125 1,2-Dichlorobenzene	146	11.311	11.317	-0.006	92	9787	1.00	1.26	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.723	-0.005	97	18902	1.00	1.18	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	96	1483	1.00	1.00	
128 1,3,5-Trichlorobenzene	180	11.884	11.889	-0.005	97	9317	1.00	1.38	
130 1,2,4-Trichlorobenzene	180	12.290	12.296	-0.006	94	8900	1.00	1.38	
131 Hexachlorobutadiene	225	12.354	12.360	-0.006	91	3516	1.00	1.14	
132 Naphthalene	128	12.467	12.472	-0.005	99	22520	1.00	0.99	
133 1,2,3-Trichlorobenzene	180	12.633	12.638	-0.005	93	9555	1.00	0.99	
S 134 1,2-Dichloroethene, Total	100				0		2.00	2.42	
S 135 Xylenes, Total	100				0		2.00	2.35	
S 136 Total BTEX	1				0		5.00	6.15	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	10.00	Units: uL	
GASES Li_00125	Amount Added:	1.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

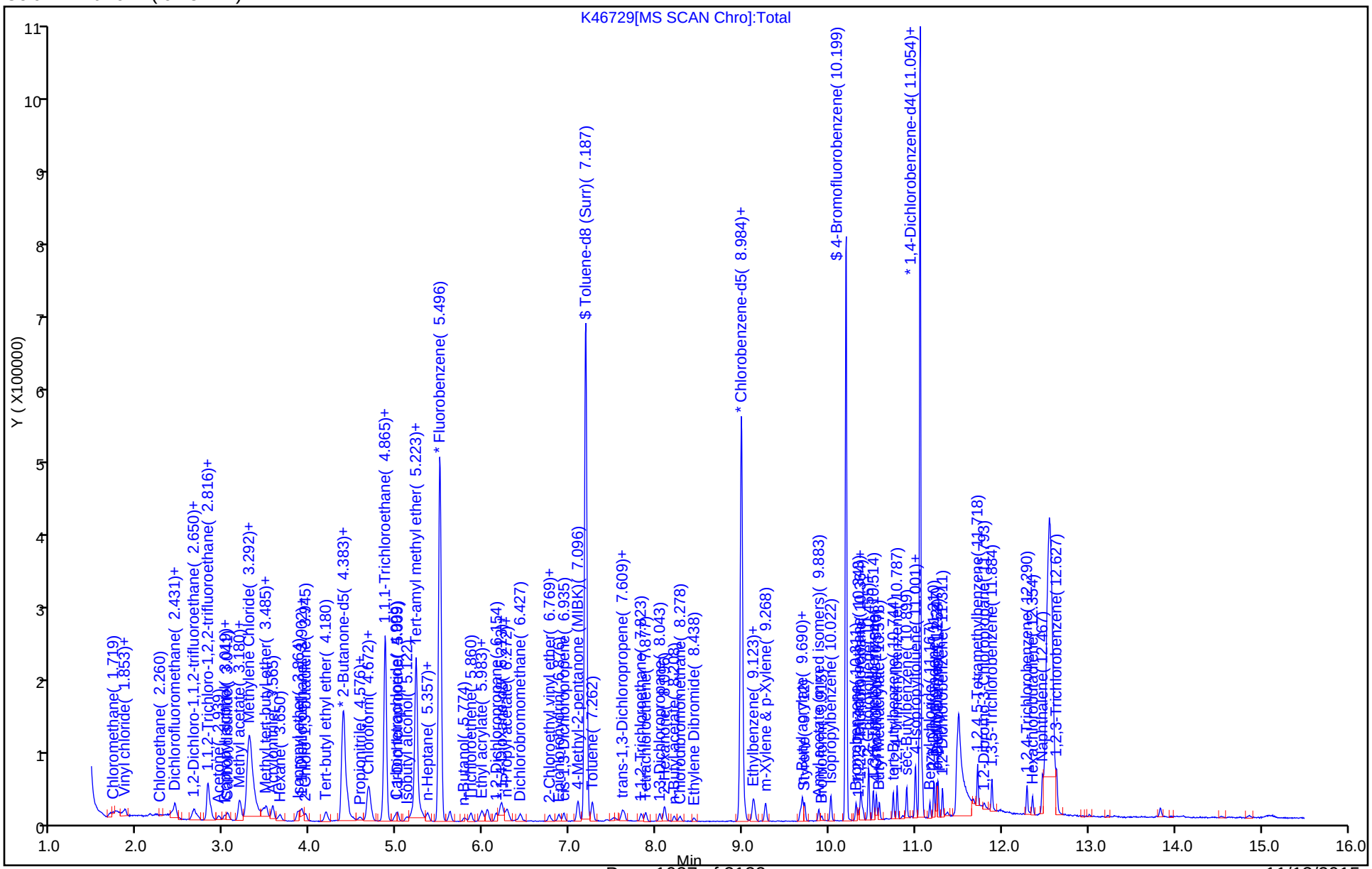
Report Date: 09-Nov-2015 16:30:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46729.D

Injection Date:	06-Nov-2015 06:23:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46730.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 06-Nov-2015 06:49:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0033885-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:31:10 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:24:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.559	1.537	0.022	89	5251	5.00	5.73	
2 Dichlorodifluoromethane	85	1.580	1.580	0.000	86	27351	5.00	4.89	
3 Chloromethane	50	1.762	1.751	0.011	99	32233	5.00	5.04	
4 Vinyl chloride	62	1.864	1.853	0.011	66	29223	5.00	5.14	
5 Butadiene	54	1.864	1.858	0.006	98	24411	5.00	5.14	
6 Bromomethane	94	2.153	2.147	0.006	98	14400	5.00	5.27	
7 Chloroethane	64	2.217	2.217	0.000	99	11211	5.00	5.52	
9 Trichlorofluoromethane	101	2.399	2.393	0.006	97	30902	5.00	5.30	
8 Dichlorofluoromethane	67	2.409	2.399	0.010	98	42522	5.00	5.16	
10 Pentane	72	2.436	2.436	0.000	97	8120	10.0	12.7	
11 Ethanol	46	2.639	2.618	0.021	75	4477	200.0	228.2	
12 Ethyl ether	59	2.639	2.634	0.005	93	16372	5.00	5.59	
13 2-Methyl-1,3-butadiene	53	2.661	2.656	0.005	98	19646	5.00	5.57	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	95	17041	5.00	5.67	
15 Acrolein	56	2.821	2.816	0.005	96	159457	200.0	278.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.832	2.832	0.000	95	23922	5.00	5.90	
17 1,1-Dichloroethene	96	2.853	2.848	0.005	96	19010	5.00	5.69	
18 Acetone	43	2.950	2.934	0.016	85	37212	25.0	25.5	
19 Iodomethane	142	3.009	3.009	0.000	99	34156	5.00	5.42	
20 Isopropyl alcohol	45	3.030	3.030	0.000	1	15823	50.0	57.0	
21 Carbon disulfide	76	3.051	3.046	0.005	100	73619	5.00	5.45	
22 3-Chloro-1-propene	76	3.174	3.169	0.005	93	11459	5.00	5.29	
23 Methyl acetate	43	3.185	3.180	0.005	99	87325	25.0	26.0	
24 Cyclopentene	67	3.201	3.196	0.005	93	53266	5.00	5.62	
25 Acetonitrile	41	3.249	3.244	0.005	93	31831	50.0	47.7	
* 26 TBA-d9 (IS)	65	3.297	3.292	0.005	100	333532	1000.0	1000.0	
27 Methylene Chloride	84	3.308	3.303	0.005	98	21795	5.00	5.43	
28 2-Methyl-2-propanol	59	3.367	3.356	0.011	33	25777	50.0	51.3	M
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	97	55066	5.00	5.31	
30 trans-1,2-Dichloroethene	96	3.501	3.495	0.006	97	19698	5.00	5.52	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.570	3.565	0.005	93	71689	50.0	51.5	
32 Hexane	43	3.651	3.651	0.000	94	22323	5.00	5.72	
34 Isopropyl ether	45	3.865	3.859	0.005	95	73169	5.00	5.39	
35 1,1-Dichloroethane	63	3.902	3.897	0.005	99	39066	5.00	5.37	
36 Vinyl acetate	43	3.913	3.907	0.006	100	68853	10.0	10.1	M
37 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	94	16801	5.00	5.33	
38 Tert-butyl ethyl ether	59	4.185	4.180	0.005	88	61448	5.00	5.24	
* 39 2-Butanone-d5	46	4.383	4.378	0.005	98	280419	250.0	250.0	
40 2,2-Dichloropropane	79	4.410	4.405	0.005	95	10960	5.00	5.57	
41 cis-1,2-Dichloroethene	96	4.432	4.426	0.006	92	22653	5.00	5.61	
42 Ethyl acetate	43	4.437	4.437	0.000	91	82444	10.0	10.5	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	96	11480	25.0	26.7	
44 Methyl acrylate	55	4.496	4.496	0.000	98	14115	5.00	4.55	
45 Propionitrile	54	4.581	4.576	0.005	98	29610	50.0	53.5	
66 Tetrahydrofuran	72	4.662	4.656	0.006	59	5153	10.0	10.1	
46 Chlorobromomethane	128	4.656	4.656	0.000	93	10357	5.00	5.47	
47 Methacrylonitrile	67	4.678	4.678	0.000	95	71863	50.0	51.3	
48 Chloroform	83	4.710	4.704	0.006	97	35456	5.00	5.39	
49 Cyclohexane	56	4.854	4.849	0.005	97	40183	5.00	5.59	
50 1,1,1-Trichloroethane	97	4.865	4.860	0.005	92	31127	5.00	5.49	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.865	0.005	0	161684	50.0	50.9	
52 Carbon tetrachloride	117	4.988	4.983	0.005	97	26739	5.00	5.58	
53 1,1-Dichloropropene	75	5.015	5.009	0.006	95	28072	5.00	5.44	
54 Isobutyl alcohol	43	5.122	5.111	0.011	96	23754	125.0	135.6	
55 Benzene	78	5.213	5.213	0.000	97	80778	5.00	5.41	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.223	0.006	97	167203	50.0	48.9	
57 Isopropyl acetate	43	5.261	5.255	0.006	90	55265	5.00	5.11	
58 Tert-amyl methyl ether	73	5.271	5.272	-0.001	94	58957	5.00	5.24	
59 1,2-Dichloroethane	62	5.309	5.304	0.005	95	26750	5.00	5.31	
60 n-Heptane	57	5.362	5.362	0.000	96	19040	5.00	5.63	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	526053	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	96	15037	125.0	119.4	
64 Trichloroethene	95	5.860	5.855	0.005	96	19272	5.00	5.26	
65 Ethyl acrylate	55	5.983	5.978	0.005	90	52345	5.00	5.24	
67 Methylcyclohexane	83	5.994	5.988	0.006	95	37471	5.00	5.56	
68 1,2-Dichloropropane	63	6.149	6.154	-0.005	86	21416	5.00	5.24	
* 69 1,4-Dioxane-d8	96	6.197	6.202	-0.005	94	26577	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	29713	10.0	9.33	
71 1,4-Dioxane	88	6.250	6.251	-0.001	41	4775	100.0	137.8	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	27748	5.00	4.80	
73 Dibromomethane	93	6.283	6.283	0.000	94	11682	5.00	5.21	
74 Dichlorobromomethane	83	6.432	6.432	0.000	98	23923	5.00	5.06	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	72	9484	5.00	4.80	
75 2-Nitropropane	41	6.764	6.769	-0.005	82	9448	10.0	10.0	
77 Epichlorohydrin	57	6.876	6.876	0.000	99	33198	100.0	98.5	
78 cis-1,3-Dichloropropene	75	6.935	6.930	0.005	95	28179	5.00	5.04	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	99752	25.0	25.3	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	98	518877	50.0	50.0	
81 Toluene	91	7.267	7.262	0.005	94	76265	5.00	5.14	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	23818	5.00	5.07	
83 Ethyl methacrylate	69	7.631	7.636	-0.005	92	18545	5.00	4.82	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	96	13399	5.00	5.26	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.882	7.882	0.000	95	18646	5.00	5.44	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	95	25106	5.00	5.19	
87 2-Hexanone	43	8.096	8.096	0.000	99	64555	25.0	24.9	
88 n-Butyl acetate	43	8.208	8.209	0.000	97	22275	5.00	5.15	
89 Chlorodibromomethane	129	8.278	8.278	0.000	97	16026	5.00	5.04	
90 Ethylene Dibromide	107	8.439	8.439	-0.001	98	14337	5.00	5.16	
* 91 Chlorobenzene-d5	117	8.990	8.990	0.000	88	351094	50.0	50.0	
92 Chlorobenzene	112	9.022	9.027	-0.005	95	47972	5.00	5.27	
93 Ethylbenzene	106	9.123	9.123	0.000	99	26291	5.00	5.26	
94 1,1,1,2-Tetrachloroethane	131	9.134	9.139	-0.005	94	18146	5.00	5.18	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	32692	5.00	5.33	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	11031	5.00	4.96	
97 o-Xylene	106	9.690	9.690	0.000	93	33893	5.00	5.22	
98 Styrene	104	9.717	9.717	0.000	96	47932	5.00	5.08	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	91	31803	5.00	4.83	
100 Bromoform	173	9.915	9.915	0.000	95	9746	5.00	5.03	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	87720	5.00	5.23	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	90	171981	50.0	50.5	
104 Bromobenzene	156	10.311	10.311	0.000	97	19909	5.00	5.03	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	22538	5.00	5.09	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	109995	5.00	5.35	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	97	5341	5.00	5.05	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	-0.001	89	6462	5.00	5.43	
109 2-Chlorotoluene	91	10.455	10.455	0.000	97	72440	5.00	5.24	
110 4-Ethyltoluene	105	10.461	10.461	0.000	98	85415	5.00	5.23	
111 1,3,5-Trimethylbenzene	105	10.514	10.514	0.000	93	73760	5.00	5.06	
112 4-Chlorotoluene	91	10.546	10.546	0.000	97	61644	5.00	5.23	
113 Butyl Methacrylate	87	10.584	10.584	0.000	96	20050	5.00	4.58	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	57226	5.00	4.94	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	76729	5.00	5.17	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	100591	5.00	5.26	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	82683	5.00	5.17	
118 1,3-Dichlorobenzene	146	11.006	11.006	0.000	97	40870	5.00	5.34	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	-0.001	96	189896	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	95	41387	5.00	5.41	
121 Benzyl chloride	91	11.167	11.167	0.000	98	37480	5.00	5.05	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	94	77858	5.00	5.17	
123 p-Diethylbenzene	119	11.247	11.247	0.000	92	49536	5.00	5.27	
124 n-Butylbenzene	91	11.263	11.263	0.000	97	103829	5.00	5.45	
125 1,2-Dichlorobenzene	146	11.311	11.317	-0.006	95	40663	5.00	5.22	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.723	-0.005	97	82310	5.00	5.12	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	91	4873	5.00	5.11	
128 1,3,5-Trichlorobenzene	180	11.884	11.889	-0.005	97	35016	5.00	5.15	
130 1,2,4-Trichlorobenzene	180	12.290	12.296	-0.006	93	34598	5.00	5.31	
131 Hexachlorobutadiene	225	12.354	12.360	-0.006	91	16163	5.00	5.20	
132 Naphthalene	128	12.467	12.472	-0.005	99	84997	5.00	5.18	
133 1,2,3-Trichlorobenzene	180	12.633	12.638	-0.005	93	34273	5.00	5.15	
S 134 1,2-Dichloroethene, Total	100				0		10.0	11.1	
S 135 Xylenes, Total	100				0		10.0	10.5	
S 136 Total BTEX	1				0		25.0	26.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	0.50	Units: uL	
ACROLEIN W_00044	Amount Added:	2.00	Units: uL	
GASES Li_00125	Amount Added:	0.50	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

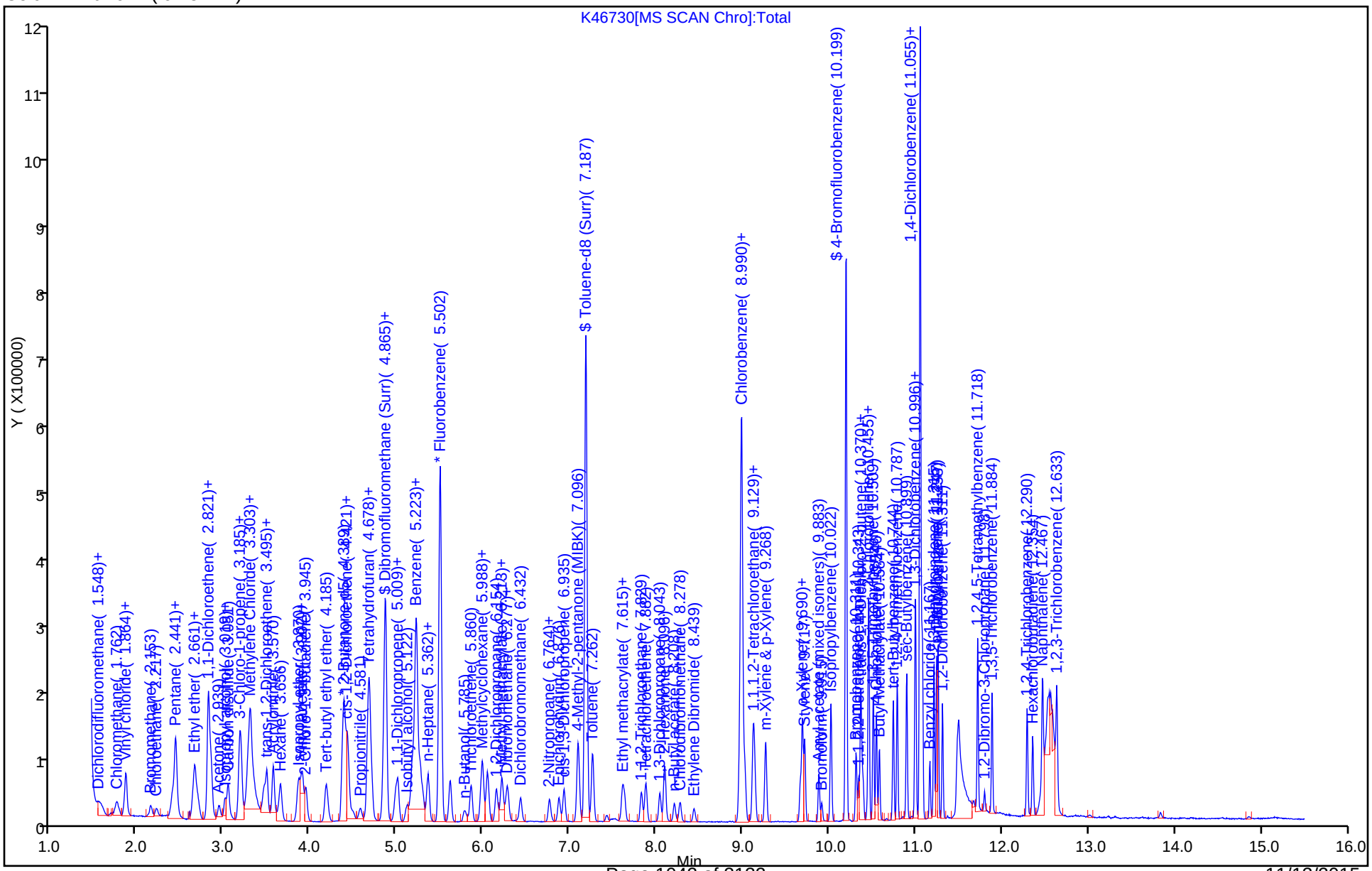
Report Date: 09-Nov-2015 16:31:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46730.D

Injection Date:	06-Nov-2015 06:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46731.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 06-Nov-2015 07:15:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0033885-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:31:30 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:24:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.537	1.537	0.000	83	18104	20.0	19.3	
2 Dichlorodifluoromethane	85	1.580	1.580	0.000	99	109965	20.0	19.2	
3 Chloromethane	50	1.751	1.751	0.000	99	125783	20.0	19.2	
4 Vinyl chloride	62	1.853	1.853	0.000	98	116739	20.0	20.1	
5 Butadiene	54	1.858	1.858	0.000	97	95976	20.0	19.7	
6 Bromomethane	94	2.147	2.147	0.000	98	56540	20.0	20.2	
7 Chloroethane	64	2.217	2.217	0.000	100	44380	20.0	21.3	
9 Trichlorofluoromethane	101	2.393	2.393	0.000	98	118421	20.0	19.9	
8 Dichlorofluoromethane	67	2.399	2.399	0.000	98	170719	20.0	20.2	
10 Pentane	72	2.436	2.436	0.000	96	25512	40.0	39.1	
11 Ethanol	46	2.618	2.618	0.000	75	11636	800.0	574.0	
12 Ethyl ether	59	2.634	2.634	0.000	92	57440	20.0	19.2	
13 2-Methyl-1,3-butadiene	53	2.656	2.656	0.000	99	70639	20.0	19.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	94	60990	20.0	19.8	
15 Acrolein	56	2.816	2.816	0.000	97	172859	300.0	292.3	
16 1,1,2-Trichloro-1,2,2-trif	101	2.832	2.832	0.000	95	83580	20.0	20.1	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	95	66615	20.0	19.5	
18 Acetone	43	2.934	2.934	0.000	85	131017	100.0	94.2	
19 Iodomethane	142	3.009	3.009	0.000	99	123350	20.0	19.1	
20 Isopropyl alcohol	45	3.030	3.030	0.000	1	53767	200.0	187.7	
21 Carbon disulfide	76	3.046	3.046	0.000	100	267099	20.0	19.3	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	97	41899	20.0	18.9	
23 Methyl acetate	43	3.180	3.180	0.000	99	321250	100.0	93.4	
24 Cyclopentene	67	3.196	3.196	0.000	94	196280	20.0	20.2	
25 Acetonitrile	41	3.244	3.244	0.000	97	135798	200.0	196.9	
* 26 TBA-d9 (IS)	65	3.292	3.292	0.000	100	344347	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.303	0.000	99	77081	20.0	18.8	
28 2-Methyl-2-propanol	59	3.356	3.356	0.000	98	88940	200.0	194.8	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	97	205121	20.0	19.3	
30 trans-1,2-Dichloroethene	96	3.495	3.495	0.000	98	69380	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.565	3.565	0.000	93	265589	200.0	186.4	
32 Hexane	43	3.651	3.651	0.000	93	81642	20.0	20.4	
34 Isopropyl ether	45	3.859	3.859	0.000	96	272528	20.0	19.6	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	144781	20.0	19.5	
36 Vinyl acetate	43	3.907	3.907	0.000	100	299972	40.0	43.0	M
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	92	64224	20.0	19.9	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	229342	20.0	19.1	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	98	292271	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.405	0.000	96	37749	20.0	18.7	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	92	79080	20.0	19.1	
42 Ethyl acetate	43	4.437	4.437	0.000	93	290677	40.0	38.3	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	95	39390	100.0	94.9	
44 Methyl acrylate	55	4.496	4.496	0.000	91	58571	20.0	18.4	
45 Propionitrile	54	4.576	4.576	0.000	98	108181	200.0	189.4	
66 Tetrahydrofuran	72	4.656	4.656	0.000	70	19317	40.0	39.4	
46 Chlorobromomethane	128	4.656	4.656	0.000	91	36890	20.0	19.0	
47 Methacrylonitrile	67	4.678	4.678	0.000	95	277023	200.0	193.1	
48 Chloroform	83	4.704	4.704	0.000	98	129732	20.0	19.3	
49 Cyclohexane	56	4.849	4.849	0.000	96	148966	20.0	20.2	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	94	111543	20.0	19.2	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	165052	50.0	50.7	
52 Carbon tetrachloride	117	4.983	4.983	0.000	97	96201	20.0	19.6	
53 1,1-Dichloropropene	75	5.009	5.009	0.000	95	101632	20.0	19.3	
54 Isobutyl alcohol	43	5.111	5.111	0.000	96	78580	500.0	434.6	
55 Benzene	78	5.213	5.213	0.000	97	298655	20.0	18.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	98	172524	50.0	49.3	
57 Isopropyl acetate	43	5.255	5.255	0.000	96	213238	20.0	19.3	
58 Tert-amyl methyl ether	73	5.272	5.272	0.000	95	218438	20.0	19.0	
59 1,2-Dichloroethane	62	5.304	5.304	0.000	95	98284	20.0	19.1	
60 n-Heptane	57	5.362	5.362	0.000	97	69918	20.0	20.2	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	538593	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	93	55971	500.0	430.5	
64 Trichloroethene	95	5.855	5.855	0.000	98	71111	20.0	19.0	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	200338	20.0	19.6	
67 Methylcyclohexane	83	5.988	5.988	0.000	94	139429	20.0	20.2	
68 1,2-Dichloropropane	63	6.154	6.154	0.000	90	77630	20.0	18.5	
* 69 1,4-Dioxane-d8	96	6.202	6.202	0.000	84	28605	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	93	125492	40.0	38.5	
71 1,4-Dioxane	88	6.251	6.251	0.000	84	16560	400.0	449.0	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	106423	20.0	19.6	
73 Dibromomethane	93	6.283	6.283	0.000	96	43783	20.0	19.1	
74 Dichlorobromomethane	83	6.432	6.432	0.000	99	90728	20.0	18.8	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	72	37934	20.0	18.7	
75 2-Nitropropane	41	6.769	6.769	0.000	81	34344	40.0	35.5	
77 Epichlorohydrin	57	6.876	6.876	0.000	99	131794	400.0	375.4	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	94	111940	20.0	19.0	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	394757	100.0	95.9	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	541435	50.0	49.4	
81 Toluene	91	7.262	7.262	0.000	94	291104	20.0	18.6	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	92382	20.0	18.6	
83 Ethyl methacrylate	69	7.636	7.636	0.000	93	74765	20.0	18.4	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	96	49831	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.882	7.882	0.000	95	68273	20.0	18.8	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	95	95387	20.0	18.7	
87 2-Hexanone	43	8.096	8.096	0.000	99	250497	100.0	92.8	
88 n-Butyl acetate	43	8.209	8.209	0.000	97	84293	20.0	18.5	
89 Chlorodibromomethane	129	8.278	8.278	0.000	98	61465	20.0	18.3	
90 Ethylene Dibromide	107	8.439	8.439	0.000	99	54712	20.0	18.6	
* 91 Chlorobenzene-d5	117	8.990	8.990	0.000	88	370858	50.0	50.0	
92 Chlorobenzene	112	9.027	9.027	0.000	95	181452	20.0	18.9	
93 Ethylbenzene	106	9.123	9.123	0.000	99	99509	20.0	18.8	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	69849	20.0	18.9	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	122063	20.0	18.8	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	43221	20.0	18.4	
97 o-Xylene	106	9.690	9.690	0.000	92	130522	20.0	19.0	
98 Styrene	104	9.717	9.717	0.000	95	191184	20.0	19.2	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	129083	20.0	19.0	
100 Bromoform	173	9.915	9.915	0.000	95	36516	20.0	17.8	
101 Isopropylbenzene	105	10.022	10.022	0.000	97	341664	20.0	19.3	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	89	179543	50.0	49.9	
104 Bromobenzene	156	10.311	10.311	0.000	98	76303	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	83711	20.0	18.3	
106 N-Propylbenzene	91	10.364	10.364	0.000	99	407543	20.0	19.2	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	20246	20.0	18.6	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	0.000	87	22687	20.0	18.5	
109 2-Chlorotoluene	91	10.455	10.455	0.000	97	273095	20.0	19.2	
110 4-Ethyltoluene	105	10.461	10.461	0.000	98	332062	20.0	19.7	
111 1,3,5-Trimethylbenzene	105	10.514	10.514	0.000	93	286344	20.0	19.0	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	232465	20.0	19.1	
113 Butyl Methacrylate	87	10.584	10.584	0.000	94	84201	20.0	18.6	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	232913	20.0	19.5	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	292147	20.0	19.1	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	386330	20.0	19.6	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	328161	20.0	19.9	
118 1,3-Dichlorobenzene	146	11.006	11.006	0.000	96	149236	20.0	18.9	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	195871	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	94	148330	20.0	18.8	
121 Benzyl chloride	91	11.167	11.167	0.000	98	140853	20.0	18.4	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	94	294207	20.0	19.0	
123 p-Diethylbenzene	119	11.247	11.247	0.000	93	186830	20.0	19.3	
124 n-Butylbenzene	91	11.263	11.263	0.000	98	384073	20.0	19.6	
125 1,2-Dichlorobenzene	146	11.317	11.317	0.000	95	149551	20.0	18.6	
126 1,2,4,5-Tetramethylbenzene	119	11.723	11.723	0.000	97	318453	20.0	19.2	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	96	16705	20.0	18.9	
128 1,3,5-Trichlorobenzene	180	11.889	11.889	0.000	97	129351	20.0	18.4	
130 1,2,4-Trichlorobenzene	180	12.296	12.296	0.000	94	122392	20.0	18.2	
131 Hexachlorobutadiene	225	12.360	12.360	0.000	93	58780	20.0	18.3	
132 Naphthalene	128	12.472	12.472	0.000	99	299261	20.0	19.0	
133 1,2,3-Trichlorobenzene	180	12.638	12.638	0.000	95	123672	20.0	19.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 135 Xylenes, Total	100				0		40.0	37.9	
S 136 Total BTEX	1				0		100.0	94.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Nov-2015 16:31:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46731.D

Injection Date: 06-Nov-2015 07:15:30 Instrument ID: CVOAMS9 Operator ID:

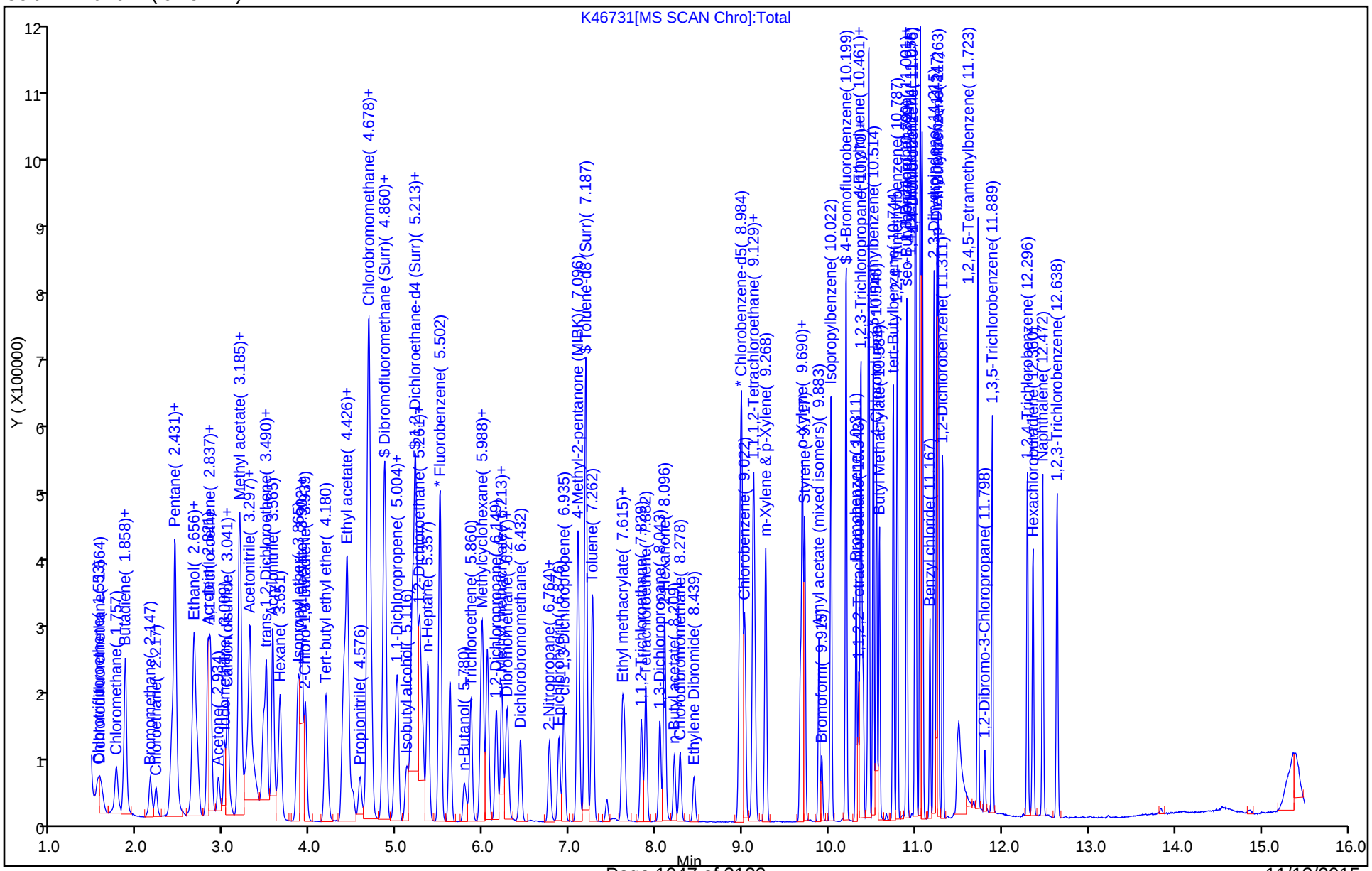
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46732.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 06-Nov-2015 07:41:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0033885-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:31:49 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:58:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.548	1.537	0.011	96	45654	50.0	47.5	
2 Dichlorodifluoromethane	85	1.575	1.580	-0.005	99	272104	50.0	46.4	
3 Chloromethane	50	1.762	1.751	0.011	99	314920	50.0	47.0	
4 Vinyl chloride	62	1.858	1.853	0.005	98	293934	50.0	49.4	
5 Butadiene	54	1.864	1.858	0.006	98	244256	50.0	49.1	
6 Bromomethane	94	2.153	2.147	0.006	99	147767	50.0	51.7	
7 Chloroethane	64	2.217	2.217	0.000	100	115041	50.0	54.1	
9 Trichlorofluoromethane	101	2.399	2.393	0.006	95	290759	50.0	47.7	
8 Dichlorofluoromethane	67	2.409	2.399	0.010	98	411619	50.0	47.7	
10 Pentane	72	2.436	2.436	0.000	96	62746	100.0	94.0	
11 Ethanol	46	2.639	2.618	0.021	76	40234	2000.0	1850.2	
12 Ethyl ether	59	2.639	2.634	0.005	94	144797	50.0	47.2	
13 2-Methyl-1,3-butadiene	53	2.661	2.656	0.005	97	181659	50.0	49.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	96	148185	50.0	47.0	
15 Acrolein	56	2.816	2.816	0.000	97	252779	400.0	399.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.832	2.832	0.000	95	206005	50.0	48.5	
17 1,1-Dichloroethene	96	2.853	2.848	0.005	94	164158	50.0	46.9	
18 Acetone	43	2.944	2.934	0.010	86	367257	250.0	261.4	
19 Iodomethane	142	3.014	3.009	0.005	98	309203	50.0	46.9	
20 Isopropyl alcohol	45	3.030	3.030	0.000	1	139085	500.0	454.0	
21 Carbon disulfide	76	3.046	3.046	0.000	100	665646	50.0	47.0	
22 3-Chloro-1-propene	76	3.174	3.169	0.005	96	106890	50.0	47.1	
23 Methyl acetate	43	3.185	3.180	0.005	100	837248	250.0	238.1	
24 Cyclopentene	67	3.196	3.196	0.000	89	491547	50.0	49.6	
25 Acetonitrile	41	3.244	3.244	0.000	94	356605	500.0	483.7	
* 26 TBA-d9 (IS)	65	3.297	3.292	0.005	62	368201	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.303	0.000	98	193355	50.0	46.0	
28 2-Methyl-2-propanol	59	3.362	3.356	0.006	94	236041	500.0	498.2	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	97	521707	50.0	48.0	
30 trans-1,2-Dichloroethene	96	3.495	3.495	0.000	99	175305	50.0	46.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.570	3.565	0.005	93	709679	500.0	486.9	
32 Hexane	43	3.651	3.651	0.000	93	207369	50.0	50.7	
34 Isopropyl ether	45	3.859	3.859	0.000	97	681222	50.0	47.9	
35 1,1-Dichloroethane	63	3.902	3.897	0.005	99	361818	50.0	47.5	
36 Vinyl acetate	43	3.907	3.907	0.000	100	735957	100.0	103.2	M
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	93	162886	50.0	49.3	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	582698	50.0	47.5	
* 39 2-Butanone-d5	46	4.383	4.378	0.005	96	303748	250.0	250.0	
40 2,2-Dichloropropane	79	4.410	4.405	0.005	96	92917	50.0	45.1	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	94	199017	50.0	47.0	
42 Ethyl acetate	43	4.437	4.437	0.000	94	776924	100.0	100.7	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	96	109618	250.0	259.1	
44 Methyl acrylate	55	4.496	4.496	0.000	98	156568	50.0	48.2	
45 Propionitrile	54	4.576	4.576	0.000	97	281796	500.0	461.3	
66 Tetrahydrofuran	72	4.656	4.656	0.000	59	50148	100.0	100.8	
46 Chlorobromomethane	128	4.662	4.656	0.006	91	91256	50.0	46.0	
47 Methacrylonitrile	67	4.683	4.678	0.005	95	721879	500.0	491.9	
48 Chloroform	83	4.710	4.704	0.006	98	324736	50.0	47.2	
49 Cyclohexane	56	4.849	4.849	0.000	96	374506	50.0	49.7	
50 1,1,1-Trichloroethane	97	4.865	4.860	0.005	98	281279	50.0	47.4	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.865	0.005	0	168164	50.0	50.6	
52 Carbon tetrachloride	117	4.988	4.983	0.005	98	243358	50.0	48.5	
53 1,1-Dichloropropene	75	5.015	5.009	0.006	95	258407	50.0	47.9	
54 Isobutyl alcohol	43	5.122	5.111	0.011	95	220913	1250.0	1142.6	
55 Benzene	78	5.213	5.213	0.000	98	739680	50.0	46.3	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	87	176696	50.0	49.4	
57 Isopropyl acetate	43	5.261	5.255	0.006	96	558419	50.0	49.3	
58 Tert-amyl methyl ether	73	5.271	5.272	-0.001	95	567139	50.0	48.2	
59 1,2-Dichloroethane	62	5.304	5.304	0.000	95	242333	50.0	46.0	
60 n-Heptane	57	5.362	5.362	0.000	97	175847	50.0	49.7	
* 61 Fluorobenzene	96	5.502	5.502	0.000	99	550832	50.0	50.0	
63 n-Butanol	56	5.785	5.780	0.005	92	153510	1250.0	1104.2	
64 Trichloroethene	95	5.860	5.855	0.005	98	177871	50.0	46.4	
65 Ethyl acrylate	55	5.983	5.978	0.005	98	513912	50.0	49.2	
67 Methylcyclohexane	83	5.988	5.988	0.000	94	352657	50.0	49.9	
68 1,2-Dichloropropane	63	6.154	6.154	0.000	91	194364	50.0	45.4	
* 69 1,4-Dioxane-d8	96	6.197	6.202	-0.005	85	29585	1000.0	1000.0	
70 Methyl methacrylate	41	6.218	6.213	0.005	93	324542	100.0	97.3	
71 1,4-Dioxane	88	6.261	6.251	0.010	27	42436	1000.0	1140.6	
72 n-Propyl acetate	43	6.272	6.267	0.005	99	282290	50.0	51.8	
73 Dibromomethane	93	6.288	6.283	0.005	94	110698	50.0	47.2	
74 Dichlorobromomethane	83	6.432	6.432	0.000	99	230292	50.0	46.6	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	82	96421	50.0	46.6	
75 2-Nitropropane	41	6.769	6.769	0.000	83	89280	100.0	90.3	
77 Epichlorohydrin	57	6.876	6.876	0.000	100	347283	1000.0	951.7	
78 cis-1,3-Dichloropropene	75	6.935	6.930	0.005	95	278126	50.0	46.6	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	1069106	250.0	250.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	557624	50.0	50.2	
81 Toluene	91	7.267	7.262	0.005	94	731027	50.0	46.1	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	230920	50.0	46.0	
83 Ethyl methacrylate	69	7.636	7.636	0.000	92	200675	50.0	48.7	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	124790	50.0	45.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.882	7.882	0.000	95	171321	50.0	46.7	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	95	237042	50.0	45.9	
87 2-Hexanone	43	8.096	8.096	0.000	99	705938	250.0	251.8	
88 n-Butyl acetate	43	8.208	8.209	0.000	98	218919	50.0	47.4	
89 Chlorodibromomethane	129	8.278	8.278	0.000	98	160293	50.0	47.2	
90 Ethylene Dibromide	107	8.439	8.439	0.000	98	136435	50.0	45.9	
* 91 Chlorobenzene-d5	117	8.990	8.990	0.000	88	375292	50.0	50.0	
92 Chlorobenzene	112	9.027	9.027	0.000	94	448464	50.0	46.1	
93 Ethylbenzene	106	9.123	9.123	0.000	99	256714	50.0	48.0	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	96	179074	50.0	47.8	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	315159	50.0	48.1	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	119395	50.0	50.3	
97 o-Xylene	106	9.690	9.690	0.000	94	339984	50.0	49.0	
98 Styrene	104	9.717	9.717	0.000	95	497338	50.0	49.3	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	347535	50.0	50.3	
100 Bromoform	173	9.915	9.915	0.000	95	96961	50.0	46.8	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	891081	50.0	49.7	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	90	183453	50.0	50.4	
104 Bromobenzene	156	10.316	10.311	0.005	98	192079	50.0	46.3	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	99	218128	50.0	47.0	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	1059297	50.0	49.2	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	94	51547	50.0	46.4	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	-0.001	88	57329	50.0	45.9	
109 2-Chlorotoluene	91	10.455	10.455	0.000	95	703798	50.0	48.6	
110 4-Ethyltoluene	105	10.461	10.461	0.000	89	854598	50.0	49.9	
111 1,3,5-Trimethylbenzene	105	10.514	10.514	0.000	92	746592	50.0	48.8	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	585371	50.0	47.4	
113 Butyl Methacrylate	87	10.584	10.584	0.000	94	234018	50.0	50.9	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	599736	50.0	49.4	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	777643	50.0	50.0	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	1010391	50.0	50.4	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	854442	50.0	50.9	
118 1,3-Dichlorobenzene	146	11.006	11.006	0.000	96	380297	50.0	47.4	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	199238	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	94	376698	50.0	46.9	
121 Benzyl chloride	91	11.167	11.167	0.000	98	377986	50.0	48.5	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	94	784266	50.0	49.7	
123 p-Diethylbenzene	119	11.247	11.247	0.000	92	494260	50.0	50.2	
124 n-Butylbenzene	91	11.263	11.263	0.000	98	1001761	50.0	50.1	
125 1,2-Dichlorobenzene	146	11.311	11.317	-0.006	95	393110	50.0	48.1	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.723	-0.005	97	826346	50.0	49.0	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	97	45083	50.0	51.7	
128 1,3,5-Trichlorobenzene	180	11.884	11.889	-0.005	97	329731	50.0	46.2	
130 1,2,4-Trichlorobenzene	180	12.290	12.296	-0.006	94	314195	50.0	46.0	
131 Hexachlorobutadiene	225	12.355	12.360	-0.006	94	151872	50.0	46.5	
132 Naphthalene	128	12.467	12.472	-0.005	99	799281	50.0	50.9	
133 1,2,3-Trichlorobenzene	180	12.633	12.638	-0.005	95	312648	50.0	50.0	
S 134 1,2-Dichloroethene, Total	100				0		100.0	93.9	
S 135 Xylenes, Total	100				0		100.0	97.0	
S 136 Total BTEX	1				0		250.0	237.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	5.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00125	Amount Added:	5.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

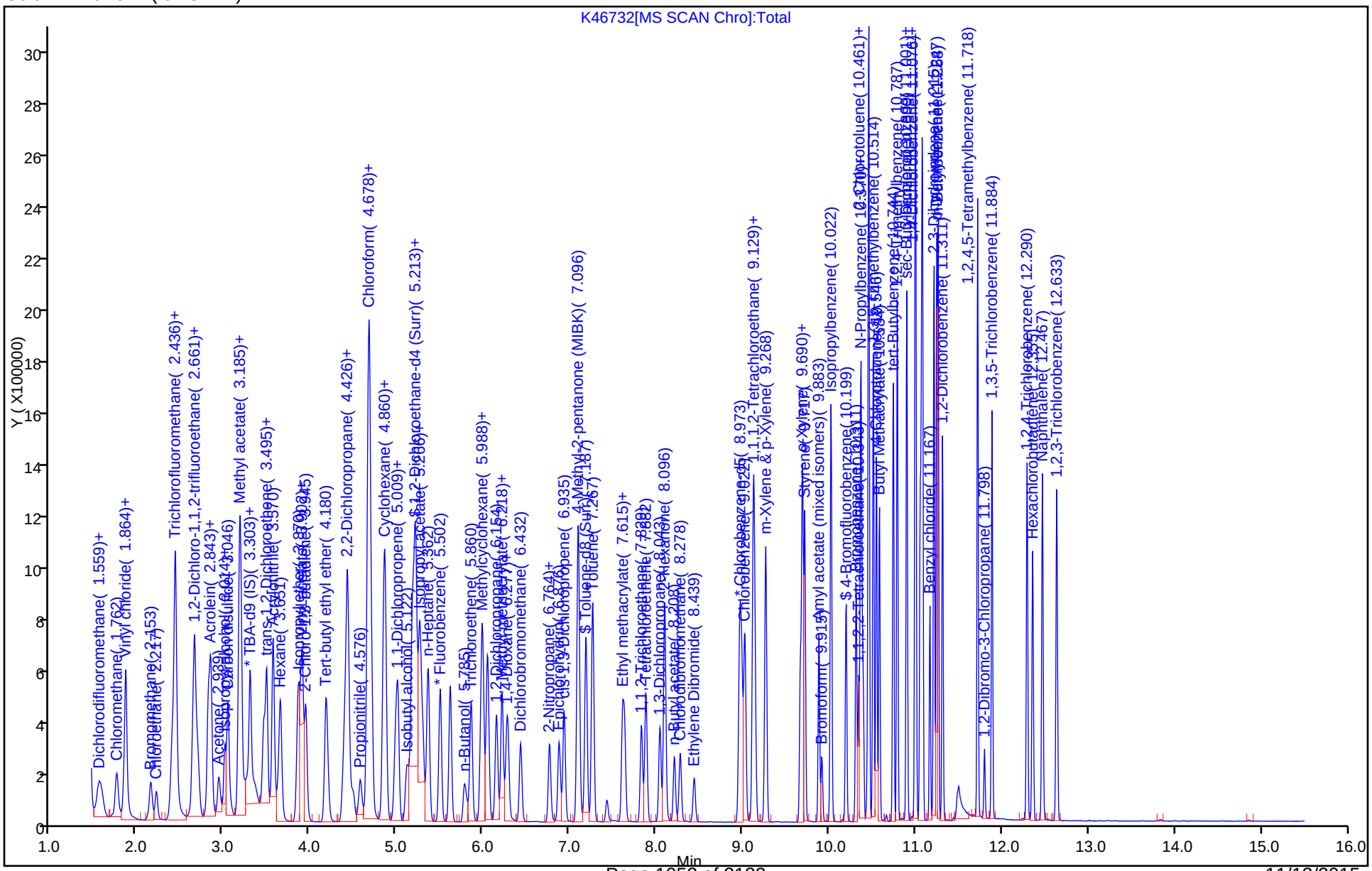
Report Date: 09-Nov-2015 16:31:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46732.D

Injection Date:	06-Nov-2015 07:41:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46733.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 06-Nov-2015 08:07:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0033885-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:32:07 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:58:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.559	1.537	0.022	96	197972	200.0	191.0	
2 Dichlorodifluoromethane	85	1.591	1.580	0.011	99	1479849	200.0	234.0	
3 Chloromethane	50	1.773	1.751	0.022	99	1552885	200.0	214.7	
4 Vinyl chloride	62	1.864	1.853	0.011	98	1392539	200.0	216.8	
5 Butadiene	54	1.874	1.858	0.016	98	1195399	200.0	222.6	
6 Bromomethane	94	2.163	2.147	0.016	99	624938	200.0	202.4	
7 Chloroethane	64	2.227	2.217	0.010	100	471817	200.0	205.5	
9 Trichlorofluoromethane	101	2.447	2.393	0.054	97	1388061	200.0	210.8	M
8 Dichlorofluoromethane	67	2.415	2.399	0.016	99	1886038	200.0	202.4	
10 Pentane	72	2.447	2.436	0.011	96	265168	400.0	367.9	
11 Ethanol	46	2.645	2.618	0.027	75	187158	8000.0	8088.1	
12 Ethyl ether	59	2.639	2.634	0.005	93	602797	200.0	182.1	
13 2-Methyl-1,3-butadiene	53	2.666	2.656	0.010	95	741842	200.0	186.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.698	2.688	0.010	97	604366	200.0	177.7	
15 Acrolein	56	2.821	2.816	0.005	98	299535	500.0	452.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.837	2.832	0.005	95	874948	200.0	190.9	
17 1,1-Dichloroethene	96	2.859	2.848	0.011	95	687327	200.0	181.9	
18 Acetone	43	2.944	2.934	0.010	85	1503320	1000.0	997.6	
19 Iodomethane	142	3.019	3.009	0.010	99	1295453	200.0	182.0	
20 Isopropyl alcohol	45	3.030	3.030	0.000	1	597412	2000.0	1861.5	
21 Carbon disulfide	76	3.051	3.046	0.005	100	2842329	200.0	186.0	
22 3-Chloro-1-propene	76	3.180	3.169	0.011	98	456655	200.0	186.5	
23 Methyl acetate	43	3.185	3.180	0.005	99	3561759	1000.0	938.2	
24 Cyclopentene	67	3.201	3.196	0.005	90	2011602	200.0	187.9	
25 Acetonitrile	41	3.255	3.244	0.011	96	1427315	2000.0	1848.1	
* 26 TBA-d9 (IS)	65	3.297	3.292	0.005	99	385704	1000.0	1000.0	
27 Methylene Chloride	84	3.308	3.303	0.005	98	792090	200.0	174.6	
28 2-Methyl-2-propanol	59	3.367	3.356	0.011	97	979700	2000.0	2003.7	
29 Methyl tert-butyl ether	73	3.469	3.463	0.006	98	2172144	200.0	185.2	
30 trans-1,2-Dichloroethene	96	3.501	3.495	0.006	98	720923	200.0	178.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.570	3.565	0.005	93	2925419	2000.0	1859.5	
32 Hexane	43	3.656	3.651	0.005	94	837047	200.0	189.8	
34 Isopropyl ether	45	3.864	3.859	0.005	99	2767529	200.0	180.2	
35 1,1-Dichloroethane	63	3.907	3.897	0.010	99	1472567	200.0	179.2	
36 Vinyl acetate	43	3.913	3.907	0.006	100	2612302	400.0	339.3	
37 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	92	672797	200.0	188.7	
38 Tert-butyl ethyl ether	59	4.185	4.180	0.005	88	2427898	200.0	183.2	
* 39 2-Butanone-d5	46	4.389	4.378	0.011	33	337704	250.0	250.0	
40 2,2-Dichloropropane	79	4.415	4.405	0.010	97	384556	200.0	172.9	
41 cis-1,2-Dichloroethene	96	4.432	4.426	0.006	91	811215	200.0	177.6	
42 Ethyl acetate	43	4.442	4.437	0.005	95	3246891	400.0	393.2	
43 2-Butanone (MEK)	72	4.442	4.437	0.005	96	461798	1000.0	990.4	
44 Methyl acrylate	55	4.501	4.496	0.005	99	677384	200.0	193.1	
45 Propionitrile	54	4.581	4.576	0.005	98	1178434	2000.0	1841.5	
66 Tetrahydrofuran	72	4.662	4.656	0.006	96	214616	400.0	401.3	
46 Chlorobromomethane	128	4.662	4.656	0.006	96	388734	200.0	181.7	
47 Methacrylonitrile	67	4.683	4.678	0.005	94	3047156	2000.0	1923.4	
48 Chloroform	83	4.715	4.704	0.011	98	1307993	200.0	176.0	
49 Cyclohexane	56	4.854	4.849	0.005	95	1559679	200.0	191.9	
50 1,1,1-Trichloroethane	97	4.865	4.860	0.005	99	1157796	200.0	180.8	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.865	0.005	0	174938	50.0	48.7	
52 Carbon tetrachloride	117	4.988	4.983	0.005	98	1006092	200.0	185.6	
53 1,1-Dichloropropene	75	5.015	5.009	0.006	96	1079294	200.0	185.2	
54 Isobutyl alcohol	43	5.122	5.111	0.011	94	998466	5000.0	4930.1	
55 Benzene	78	5.218	5.213	0.005	97	3100317	200.0	177.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.223	0.006	95	194010	50.0	50.2	
57 Isopropyl acetate	43	5.261	5.255	0.006	96	2363624	200.0	193.5	
58 Tert-amyl methyl ether	73	5.271	5.272	-0.001	92	2414897	200.0	190.0	
59 1,2-Dichloroethane	62	5.309	5.304	0.005	95	1004978	200.0	176.6	
60 n-Heptane	57	5.362	5.362	0.000	96	731880	200.0	191.5	
* 61 Fluorobenzene	96	5.507	5.502	0.005	98	594620	50.0	50.0	
63 n-Butanol	56	5.790	5.780	0.010	92	686775	5000.0	4715.7	
64 Trichloroethene	95	5.865	5.855	0.010	98	757715	200.0	183.0	
65 Ethyl acrylate	55	5.983	5.978	0.005	98	2189022	200.0	194.0	
67 Methylcyclohexane	83	5.994	5.988	0.006	94	1490949	200.0	195.6	
68 1,2-Dichloropropane	63	6.154	6.154	0.000	91	828413	200.0	179.2	
* 69 1,4-Dioxane-d8	96	6.208	6.202	0.006	62	37079	1000.0	1000.0	
70 Methyl methacrylate	41	6.218	6.213	0.005	93	1487493	400.0	413.2	
71 1,4-Dioxane	88	6.266	6.251	0.015	29	164181	4000.0	3919.6	
72 n-Propyl acetate	43	6.272	6.267	0.005	99	1202880	200.0	206.3	
73 Dibromomethane	93	6.288	6.283	0.005	96	475803	200.0	187.8	
74 Dichlorobromomethane	83	6.438	6.432	0.006	99	1010366	200.0	189.2	
76 2-Chloroethyl vinyl ether	63	6.769	6.764	0.005	90	439971	200.0	196.8	
75 2-Nitropropane	41	6.769	6.769	0.000	82	402847	400.0	377.3	
77 Epichlorohydrin	57	6.882	6.876	0.006	100	1486134	4000.0	3663.1	
78 cis-1,3-Dichloropropene	75	6.941	6.930	0.011	94	1249578	200.0	191.5	
79 4-Methyl-2-pentanone (MIBK	43	7.101	7.096	0.005	98	4433986	1000.0	932.4	
$ 80 Toluene-d8 (Surr)	98	7.192	7.187	0.005	99	600283	50.0	49.5	
81 Toluene	91	7.267	7.262	0.005	93	3120492	200.0	180.2	
82 trans-1,3-Dichloropropene	75	7.615	7.609	0.006	98	1044034	200.0	190.4	
83 Ethyl methacrylate	69	7.636	7.636	0.000	95	903574	200.0	200.9	
84 1,1,2-Trichloroethane	83	7.834	7.829	0.005	96	544785	200.0	183.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.882	7.882	0.000	95	733112	200.0	183.1	
86 1,3-Dichloropropane	76	8.048	8.043	0.005	96	1032017	200.0	182.8	
87 2-Hexanone	43	8.101	8.096	0.005	99	2861480	1000.0	917.9	
88 n-Butyl acetate	43	8.214	8.209	0.006	98	942678	200.0	186.7	
89 Chlorodibromomethane	129	8.283	8.278	0.005	98	723765	200.0	194.9	
90 Ethylene Dibromide	107	8.444	8.439	0.005	98	602906	200.0	185.8	
* 91 Chlorobenzene-d5	117	8.989	8.990	-0.001	86	409949	50.0	50.0	
92 Chlorobenzene	112	9.027	9.027	0.000	93	1921820	200.0	180.7	
93 Ethylbenzene	106	9.123	9.123	0.000	99	1083740	200.0	185.6	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	96	771813	200.0	188.8	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	1330850	200.0	185.9	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	532109	200.0	205.1	
97 o-Xylene	106	9.696	9.690	0.006	94	1422494	200.0	187.5	
98 Styrene	104	9.722	9.717	0.005	95	2118287	200.0	192.1	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	1444036	200.0	195.2	
100 Bromoform	173	9.915	9.915	0.000	95	429461	200.0	189.7	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	3716560	200.0	189.9	
$ 102 4-Bromofluorobenzene	174	10.198	10.199	-0.001	88	193452	50.0	48.6	
104 Bromobenzene	156	10.316	10.311	0.005	98	809092	200.0	182.0	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	99	915225	200.0	184.0	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	4402788	200.0	190.8	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	97	218339	200.0	183.6	
108 trans-1,4-Dichloro-2-buten	53	10.396	10.397	-0.001	88	234705	200.0	175.4	
109 2-Chlorotoluene	91	10.461	10.455	0.006	97	2892846	200.0	186.4	
110 4-Ethyltoluene	105	10.461	10.461	0.000	98	3517425	200.0	191.7	
111 1,3,5-Trimethylbenzene	105	10.514	10.514	0.000	93	3167066	200.0	193.4	
112 4-Chlorotoluene	91	10.546	10.546	0.000	97	2406389	200.0	181.9	
113 Butyl Methacrylate	87	10.584	10.584	0.000	93	1046300	200.0	212.6	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	2599396	200.0	199.8	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	3188203	200.0	191.3	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	4266326	200.0	198.6	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	3577091	200.0	199.0	
118 1,3-Dichlorobenzene	146	11.006	11.006	0.000	95	1540926	200.0	179.2	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.055	-0.001	94	213375	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.070	11.071	-0.001	94	1533223	200.0	178.4	
121 Benzyl chloride	91	11.167	11.167	0.000	99	1585293	200.0	190.0	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	95	3189898	200.0	188.6	
123 p-Diethylbenzene	119	11.247	11.247	0.000	93	2007546	200.0	190.2	
124 n-Butylbenzene	91	11.263	11.263	0.000	98	3982431	200.0	186.1	
125 1,2-Dichlorobenzene	146	11.317	11.317	0.000	98	1587829	200.0	181.4	
126 1,2,4,5-Tetramethylbenzene	119	11.723	11.723	0.000	97	3477211	200.0	192.4	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	97	182289	200.0	200.7	
128 1,3,5-Trichlorobenzene	180	11.889	11.889	0.000	97	1355980	200.0	177.4	
130 1,2,4-Trichlorobenzene	180	12.296	12.296	0.000	94	1276857	200.0	174.5	
131 Hexachlorobutadiene	225	12.360	12.360	0.000	94	672663	200.0	192.5	
132 Naphthalene	128	12.472	12.472	0.000	99	3271168	200.0	200.4	
133 1,2,3-Trichlorobenzene	180	12.638	12.638	0.000	95	1282350	200.0	197.3	
S 134 1,2-Dichloroethene, Total	100				0		400.0	356.3	
S 135 Xylenes, Total	100				0		400.0	373.4	
S 136 Total BTEX	1				0		1000.0	916.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	5.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

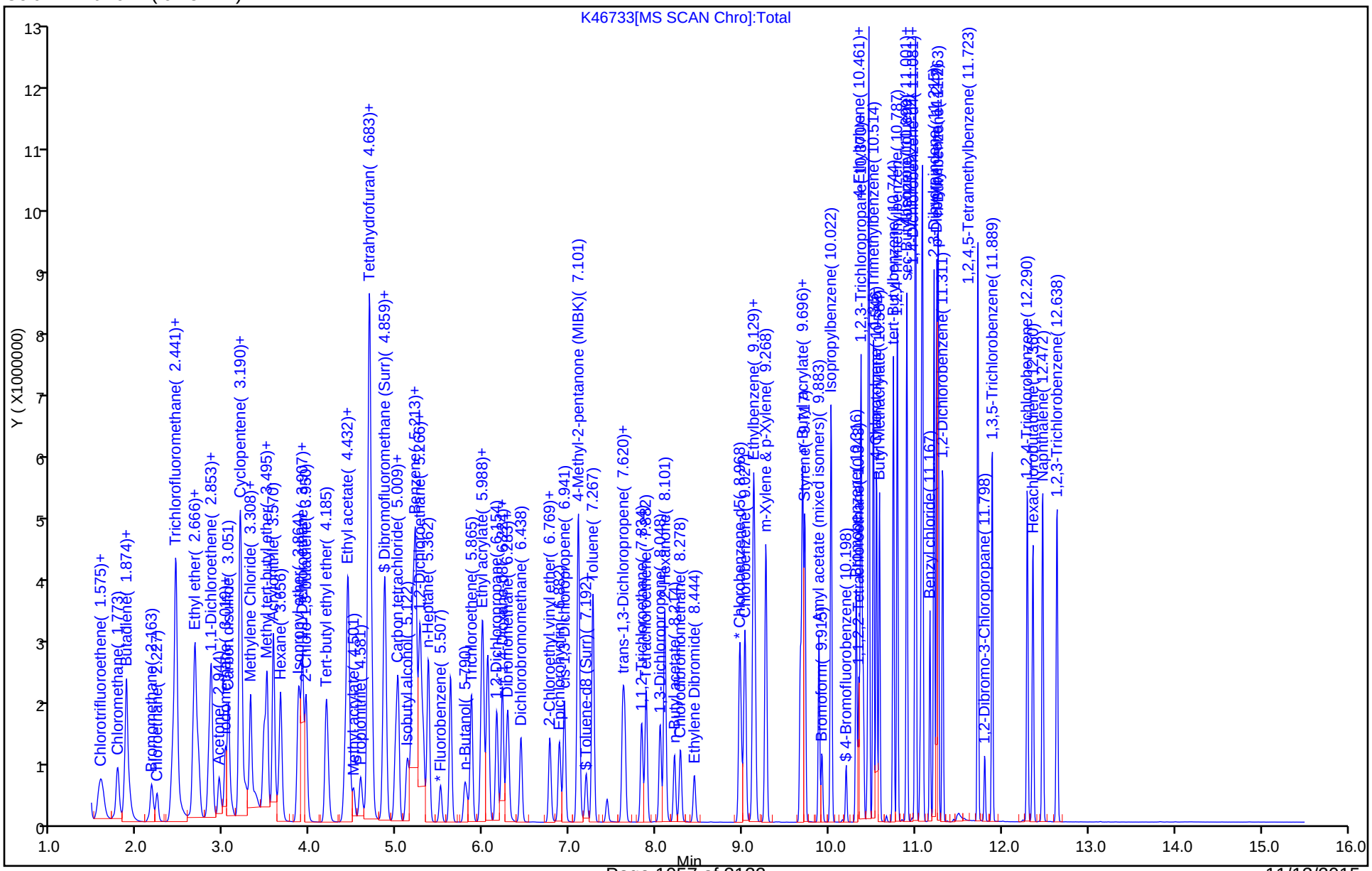
Report Date: 09-Nov-2015 16:32:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46733.D

Injection Date:	06-Nov-2015 08:07:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 06-Nov-2015 08:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0033885-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:32:20 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: tupayachia Date: 06-Nov-2015 08:58:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.564	1.537	0.027	90	554303	500.0	487.5	
2 Dichlorodifluoromethane	85	1.591	1.580	0.011	99	4042676	500.0	582.8	
3 Chloromethane	50	1.773	1.751	0.022	99	4107732	500.0	517.7	
4 Vinyl chloride	62	1.864	1.853	0.011	98	3593904	500.0	510.1	
5 Butadiene	54	1.880	1.858	0.022	98	3137661	500.0	532.7	
6 Bromomethane	94	2.169	2.147	0.022	99	1591440	500.0	470.0	
7 Chloroethane	64	2.233	2.217	0.016	100	1214370	500.0	482.2	
9 Trichlorofluoromethane	101	2.447	2.393	0.054	98	3821549	500.0	529.1	
8 Dichlorofluoromethane	67	2.420	2.399	0.021	99	5068999	500.0	495.9	
10 Pentane	72	2.447	2.436	0.011	96	736372	1000.0	931.4	
11 Ethanol	46	2.639	2.618	0.021	81	499810	20000	19988	
12 Ethyl ether	59	2.639	2.634	0.005	98	1590498	500.0	438.0	
13 2-Methyl-1,3-butadiene	53	2.666	2.656	0.010	95	2017275	500.0	461.0	
14 1,2-Dichloro-1,1,2-trifluo	117	2.698	2.688	0.010	94	1714207	500.0	459.6	
15 Acrolein	56	2.821	2.816	0.005	96	363456	600.0	522.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.843	2.832	0.011	96	2477968	500.0	492.8	
17 1,1-Dichloroethene	96	2.859	2.848	0.011	95	1967823	500.0	474.8	
18 Acetone	43	2.944	2.934	0.010	86	3789409	2500.0	2495.6	
19 Iodomethane	142	3.019	3.009	0.010	99	3642102	500.0	466.4	
20 Isopropyl alcohol	45	3.030	3.030	0.000	1	1571143	5000.0	4665.1	
21 Carbon disulfide	76	3.051	3.046	0.005	100	8070993	500.0	481.5	
22 3-Chloro-1-propene	76	3.180	3.169	0.011	98	1309406	500.0	487.6	
23 Methyl acetate	43	3.185	3.180	0.005	100	8892355	2500.0	2135.5	
24 Cyclopentene	67	3.201	3.196	0.005	94	5537688	500.0	471.5	
25 Acetonitrile	41	3.255	3.244	0.011	96	3646518	5000.0	4499.1	
* 26 TBA-d9 (IS)	65	3.297	3.292	0.005	31	404773	1000.0	1000.0	
27 Methylene Chloride	84	3.308	3.303	0.005	98	2170336	500.0	436.2	
28 2-Methyl-2-propanol	59	3.367	3.356	0.011	97	2572789	5000.0	5029.0	
29 Methyl tert-butyl ether	73	3.469	3.463	0.006	97	5739731	500.0	446.0	
30 trans-1,2-Dichloroethene	96	3.501	3.495	0.006	98	2002564	500.0	452.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.576	3.565	0.011	93	7389783	5000.0	4282.2	
32 Hexane	43	3.656	3.651	0.005	94	2265494	500.0	468.2	
34 Isopropyl ether	45	3.865	3.859	0.006	98	7232375	500.0	429.4	
35 1,1-Dichloroethane	63	3.907	3.897	0.010	99	3942833	500.0	437.5	
36 Vinyl acetate	43	3.913	3.907	0.006	100	6820484	1000.0	807.6	
37 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	91	1832179	500.0	468.5	
38 Tert-butyl ethyl ether	59	4.186	4.180	0.006	88	6413727	500.0	441.3	
* 39 2-Butanone-d5	46	4.389	4.378	0.011	24	360820	250.0	250.0	
40 2,2-Dichloropropane	79	4.416	4.405	0.011	96	1061228	500.0	434.9	
41 cis-1,2-Dichloroethene	96	4.432	4.426	0.006	92	2221874	500.0	443.6	
42 Ethyl acetate	43	4.442	4.437	0.005	95	8307645	1000.0	1008.5	
43 2-Butanone (MEK)	72	4.442	4.437	0.005	96	1204225	2500.0	2421.6	
44 Methyl acrylate	55	4.501	4.496	0.005	99	1818180	500.0	472.4	
45 Propionitrile	54	4.581	4.576	0.005	97	2998142	5000.0	4464.5	
66 Tetrahydrofuran	72	4.662	4.656	0.006	91	541282	1000.0	998.2	
46 Chlorobromomethane	128	4.667	4.656	0.011	96	1027052	500.0	437.6	
47 Methacrylonitrile	67	4.688	4.678	0.010	95	7342096	5000.0	4225.0	
48 Chloroform	83	4.715	4.704	0.011	98	3426650	500.0	420.5	
49 Cyclohexane	56	4.854	4.849	0.005	96	4364576	500.0	489.6	
50 1,1,1-Trichloroethane	97	4.870	4.860	0.010	99	3206752	500.0	456.5	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.865	0.005	0	191156	50.0	48.5	
52 Carbon tetrachloride	117	4.988	4.983	0.005	98	2871034	500.0	482.8	
53 1,1-Dichloropropene	75	5.015	5.009	0.006	96	3032694	500.0	474.3	
54 Isobutyl alcohol	43	5.122	5.111	0.011	94	2680170	12500	12610	
55 Benzene	78	5.218	5.213	0.005	97	8454303	500.0	429.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.223	0.006	93	229142	50.0	54.1	
57 Isopropyl acetate	43	5.261	5.255	0.006	96	5884090	500.0	439.1	
58 Tert-amyl methyl ether	73	5.277	5.272	0.005	94	6298981	500.0	451.8	
59 1,2-Dichloroethane	62	5.309	5.304	0.005	95	2663966	500.0	426.8	
60 n-Heptane	57	5.362	5.362	0.000	96	1980035	500.0	472.2	
* 61 Fluorobenzene	96	5.507	5.502	0.005	98	652237	50.0	50.0	
63 n-Butanol	56	5.796	5.780	0.016	91	1928935	12500	12621	
64 Trichloroethene	95	5.865	5.855	0.010	98	2153205	500.0	474.0	
65 Ethyl acrylate	55	5.983	5.978	0.005	98	5933327	500.0	479.3	
67 Methylcyclohexane	83	5.994	5.988	0.006	92	4167862	500.0	498.5	
68 1,2-Dichloropropane	63	6.160	6.154	0.006	91	2255620	500.0	444.8	
* 69 1,4-Dioxane-d8	96	6.288	6.202	0.086	38	53152	1000.0	1000.0	M
70 Methyl methacrylate	41	6.224	6.213	0.011	93	3657884	1000.0	926.4	
71 1,4-Dioxane	88	6.272	6.251	0.021	43	452260	10000	10027	
72 n-Propyl acetate	43	6.272	6.267	0.005	99	3136715	500.0	491.3	
73 Dibromomethane	93	6.288	6.283	0.005	97	1285181	500.0	462.5	
74 Dichlorobromomethane	83	6.438	6.432	0.006	99	2835742	500.0	484.1	
76 2-Chloroethyl vinyl ether	63	6.769	6.764	0.005	72	1227476	500.0	500.6	
75 2-Nitropropane	41	6.775	6.769	0.006	80	1071458	1000.0	914.9	
77 Epichlorohydrin	57	6.887	6.876	0.011	100	4028559	10000	9293.8	
78 cis-1,3-Dichloropropene	75	6.941	6.930	0.011	94	3585712	500.0	486.9	
79 4-Methyl-2-pentanone (MIBK	43	7.101	7.096	0.005	98	10923651	2500.0	2150.0	
$ 80 Toluene-d8 (Surr)	98	7.192	7.187	0.005	99	682502	50.0	49.9	
81 Toluene	91	7.272	7.262	0.010	94	8800212	500.0	450.2	
82 trans-1,3-Dichloropropene	75	7.615	7.609	0.006	98	2966894	500.0	479.4	
83 Ethyl methacrylate	69	7.636	7.636	0.000	92	2481919	500.0	489.0	
84 1,1,2-Trichloroethane	83	7.834	7.829	0.005	96	1498136	500.0	446.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.888	7.882	0.006	96	2141578	500.0	473.9	
86 1,3-Dichloropropane	76	8.048	8.043	0.005	95	2893951	500.0	454.3	
87 2-Hexanone	43	8.101	8.096	0.005	98	7541742	2500.0	2264.3	
88 n-Butyl acetate	43	8.214	8.209	0.006	98	2479079	500.0	435.1	
89 Chlorodibromomethane	129	8.283	8.278	0.005	98	2069385	500.0	493.8	
90 Ethylene Dibromide	107	8.444	8.439	0.005	99	1679305	500.0	458.6	
* 91 Chlorobenzene-d5	117	8.995	8.990	0.005	88	462647	50.0	50.0	
92 Chlorobenzene	112	9.027	9.027	0.000	93	5599719	500.0	466.4	
93 Ethylbenzene	106	9.129	9.123	0.006	99	3075529	500.0	466.7	
94 1,1,1,2-Tetrachloroethane	131	9.145	9.139	0.006	96	2130736	500.0	461.8	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	3804070	500.0	470.9	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	1440677	500.0	492.1	
97 o-Xylene	106	9.696	9.690	0.006	94	3853755	500.0	450.1	
98 Styrene	104	9.722	9.717	0.005	95	5935046	500.0	477.0	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	89	3668599	500.0	454.7	
100 Bromoform	173	9.920	9.915	0.005	96	1219781	500.0	477.4	
101 Isopropylbenzene	105	10.027	10.022	0.005	97	10103257	500.0	457.5	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	89	224016	50.0	49.9	
104 Bromobenzene	156	10.316	10.311	0.005	97	2301389	500.0	474.5	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	99	2426485	500.0	447.3	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	11445133	500.0	454.6	e
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	96	570637	500.0	440.0	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	-0.001	89	625251	500.0	428.5	
109 2-Chlorotoluene	91	10.461	10.455	0.006	92	7540243	500.0	445.4	
110 4-Ethyltoluene	105	10.461	10.461	0.000	97	9002916	500.0	449.8	
111 1,3,5-Trimethylbenzene	105	10.514	10.514	0.000	93	8603148	500.0	481.6	
112 4-Chlorotoluene	91	10.552	10.546	0.006	85	6702362	500.0	464.4	
113 Butyl Methacrylate	87	10.584	10.584	0.000	93	2761734	500.0	514.5	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	7171224	500.0	505.4	
115 1,2,4-Trimethylbenzene	105	10.792	10.787	0.005	98	8496471	500.0	467.2	
116 sec-Butylbenzene	105	10.899	10.899	0.000	97	10765744	500.0	459.5	e
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	8951754	500.0	456.4	
118 1,3-Dichlorobenzene	146	11.006	11.006	0.000	95	3912942	500.0	417.1	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	232753	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	94	4032059	500.0	430.1	
121 Benzyl chloride	91	11.167	11.167	0.000	99	4132032	500.0	453.9	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	95	8079093	500.0	437.9	
123 p-Diethylbenzene	119	11.247	11.247	0.000	92	5234077	500.0	454.6	
124 n-Butylbenzene	91	11.263	11.263	0.000	98	10096874	500.0	432.5	
125 1,2-Dichlorobenzene	146	11.317	11.317	0.000	95	4263385	500.0	446.4	
126 1,2,4,5-Tetramethylbenzene	119	11.723	11.723	0.000	97	8805024	500.0	446.6	
127 1,2-Dibromo-3-Chloropropan	75	11.803	11.798	0.005	97	476426	500.0	498.4	
128 1,3,5-Trichlorobenzene	180	11.889	11.889	0.000	98	3585480	500.0	429.9	
130 1,2,4-Trichlorobenzene	180	12.296	12.296	0.000	94	3418242	500.0	428.4	
131 Hexachlorobutadiene	225	12.360	12.360	0.000	94	1930855	500.0	506.5	
132 Naphthalene	128	12.472	12.472	0.000	99	8500518	500.0	499.5	
133 1,2,3-Trichlorobenzene	180	12.638	12.638	0.000	96	3403421	500.0	503.3	
S 134 1,2-Dichloroethene, Total	100				0		1000.0	895.9	
S 135 Xylenes, Total	100				0		1000.0	921.0	
S 136 Total BTEX	1				0		2500.0	2267.4	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	50.00	Units: uL	
ACROLEIN W_00044	Amount Added:	6.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

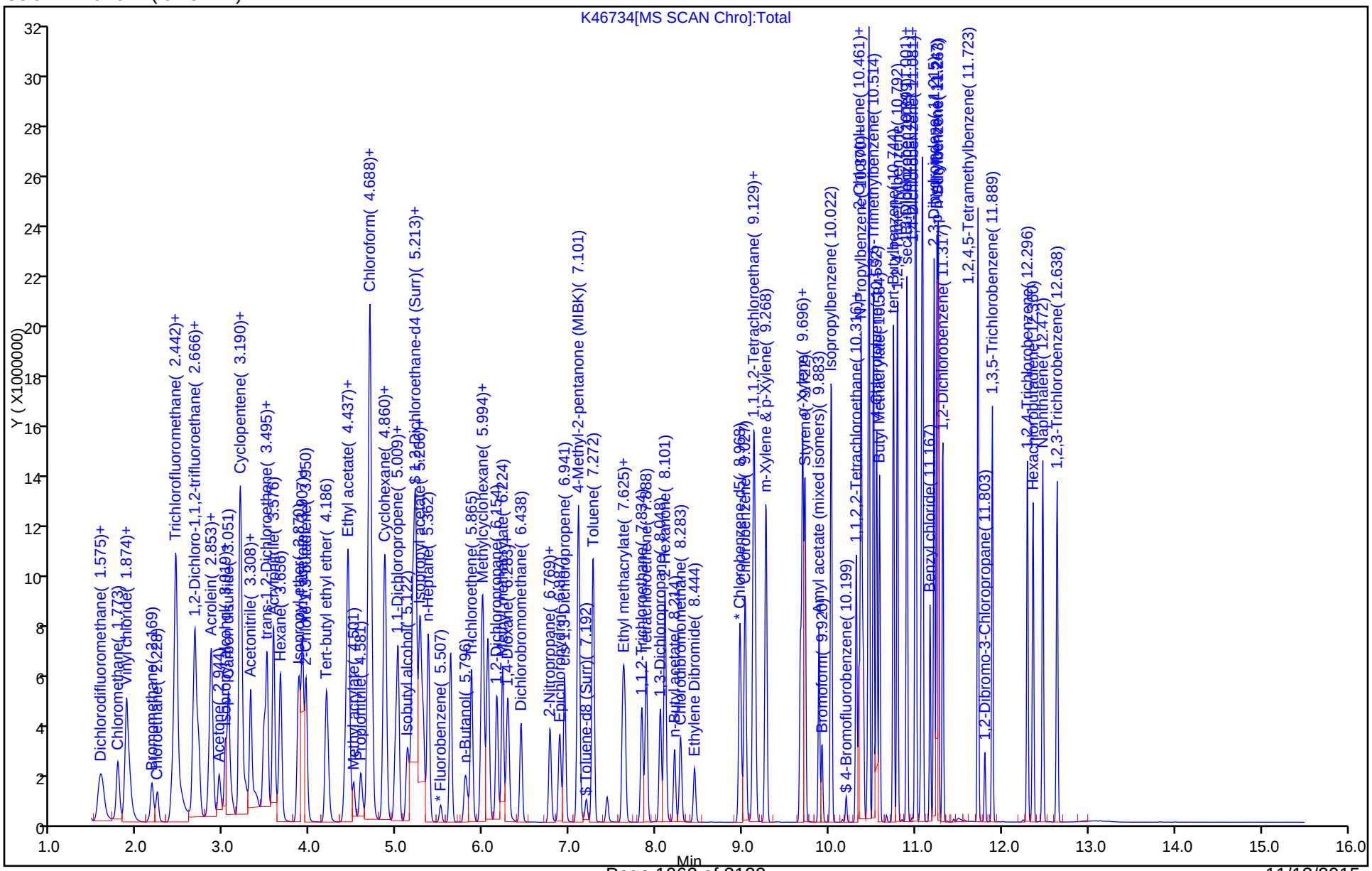
Report Date: 09-Nov-2015 16:32:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Injection Date:	06-Nov-2015 08:33:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334459/2 Calibration Date: 11/10/2015 20:36

Instrument ID: CVOAMS12 Calib Start Date: 11/09/2015 14:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/09/2015 21:40

Lab File ID: O03985.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	Ave	0.0487	0.0431		17.7	20.0	-11.6	20.0
Dichlorodifluoromethane	Ave	0.4068	0.3109	0.1000	15.3	20.0	-23.6*	20.0
Chloromethane	Ave	0.3789	0.3179	0.1000	16.8	20.0	-16.1	20.0
Vinyl chloride	Ave	0.4109	0.3365	0.1000	16.4	20.0	-18.1	20.0
Butadiene	Ave	0.3504	0.3102		17.7	20.0	-11.5	20.0
Bromomethane	Ave	1.082	1.024	0.1000	18.9	20.0	-5.4	50.0
Chloroethane	Ave	0.2565	0.2330	0.1000	18.2	20.0	-9.2	50.0
Dichlorofluoromethane	Ave	0.6124	0.5712		18.7	20.0	-6.7	20.0
Trichlorofluoromethane	Ave	0.4252	0.4005	0.1000	18.8	20.0	-5.8	20.0
Pentane	Ave	0.0555	0.0562		40.5	40.0	1.2	20.0
Ethanol	Ave	0.0691	0.0602		697	800	-12.9	50.0
Ethyl ether	Ave	0.2967	0.2842		19.2	20.0	-4.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.7459	0.7799		20.9	20.0	4.6	20.0
2-Methyl-1,3-butadiene	Ave	0.7459	0.7799		20.9	20.0	4.6	20.0
Acrolein	Ave	2.177	2.040		37.5	40.0	-6.3	50.0
1,1-Dichloroethene	Ave	0.2482	0.2459	0.1000	19.8	20.0	-0.9	20.0
Freon TF	QuaF		0.2463	0.1000	19.8	20.0	-1.2	20.0
Acetone	Ave	0.2816	0.2085	0.0500	74.0	100	-26.0	50.0
Iodomethane	Ave	0.2059	0.1265		12.3	20.0	-38.6*	20.0
Isopropyl alcohol	Ave	0.7017	0.6554		187	200	-6.6	50.0
Carbon disulfide	Ave	0.7385	0.6454	0.1000	17.5	20.0	-12.6	50.0
Acetonitrile	Ave	2.659	2.630		198	200	-1.1	20.0
Allyl chloride	QuaF		0.3500		16.8	20.0	-16.0	20.0
Methyl acetate	Ave	2.194	1.929	0.1000	87.9	100	-12.1	20.0
Cyclopentene	Ave	0.7341	0.7408		20.2	20.0	0.9	20.0
Methylene Chloride	Ave	0.3018	0.2994	0.1000	19.8	20.0	-0.8	20.0
2-Methyl-2-propanol	Ave	1.099	1.066		194	200	-3.0	50.0
Acrylonitrile	Ave	0.1269	0.1204		190	200	-5.1	20.0
trans-1,2-Dichloroethene	Ave	0.2934	0.2761	0.1000	18.8	20.0	-5.9	20.0
MTBE	Ave	0.9308	0.9159	0.1000	19.7	20.0	-1.6	20.0
Hexane	QuaF		0.3643		19.3	20.0	-3.3	20.0
1,1-Dichloroethane	Ave	0.5337	0.5334	0.2000	20.0	20.0	-0.0	20.0
Vinyl acetate	Ave	0.0459	0.0568		49.5	40.0	23.7*	20.0
Isopropyl ether	Ave	1.039	0.998		19.2	20.0	-3.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2831	0.2689		19.0	20.0	-5.0	20.0
Tert-butyl ethyl ether	Ave	0.9708	0.9254		19.1	20.0	-4.7	20.0
2,2-Dichloropropane	Ave	0.0928	0.0923		19.9	20.0	-0.5	20.0
cis-1,2-Dichloroethene	Ave	0.3230	0.3190	0.1000	19.8	20.0	-1.2	20.0
2-Butanone	Ave	0.3291	0.2981	0.0500	90.6	100	-9.4	50.0
Propionitrile	Ave	1.629	1.417		174	200	-13.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334459/2 Calibration Date: 11/10/2015 20:36

Instrument ID: CVOAMS12 Calib Start Date: 11/09/2015 14:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/09/2015 21:40

Lab File ID: O03985.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.2095	0.1930		36.9	40.0	-7.8	20.0
Methyl acrylate	Ave	0.3615	0.3500		19.4	20.0	-3.2	20.0
Methacrylonitrile	Ave	0.1558	0.1541		198	200	-1.1	20.0
Bromochloromethane	Ave	0.1405	0.1406		20.0	20.0	0.0	20.0
Tetrahydrofuran	Ave	0.7892	0.7624		38.6	40.0	-3.4	20.0
Chloroform	Ave	0.4859	0.4871	0.2000	20.1	20.0	0.3	20.0
1,1,1-Trichloroethane	Ave	0.3781	0.3783	0.1000	20.0	20.0	0.0	20.0
Cyclohexane	QuaF		0.4748	0.1000	19.1	20.0	-4.4	50.0
1,1-Dichloropropene	Ave	0.3823	0.3903		20.4	20.0	2.1	20.0
Carbon tetrachloride	Ave	0.2933	0.3022	0.1000	20.6	20.0	3.1	20.0
Isobutyl alcohol	Ave	0.4235	0.3995		472	500	-5.7	50.0
Benzene	Ave	1.455	1.446	0.5000	19.9	20.0	-0.6	20.0
1,2-Dichloroethane	Ave	0.4318	0.4154	0.1000	19.2	20.0	-3.8	20.0
2,2,4-Trimethylpentane	Ave	0.6856	0.7239		21.1	20.0	5.6	20.0
Isopropyl acetate	Ave	1.090	1.054		19.3	20.0	-3.3	20.0
Tert-amyl methyl ether	Ave	0.9152	0.8675		19.0	20.0	-5.2	20.0
n-Heptane	QuaF		0.3077		19.5	20.0	-2.6	20.0
n-Butanol	Ave	0.2837	0.2431		429	500	-14.3	50.0
Trichloroethene	Ave	0.2851	0.2771	0.2000	19.4	20.0	-2.8	20.0
Ethyl acrylate	Ave	0.4344	0.4364		20.1	20.0	0.5	20.0
Methylcyclohexane	QuaF		0.4206	0.1000	18.6	20.0	-6.9	50.0
1,2-Dichloropropane	Ave	0.3098	0.3118	0.1000	20.1	20.0	0.7	20.0
Dibromomethane	Ave	0.1804	0.1799		19.9	20.0	-0.3	20.0
1,4-Dioxane	Ave	1.118	1.036		371	400	-7.4	50.0
Methyl methacrylate	Ave	0.0928	0.0908		39.1	40.0	-2.2	20.0
n-Propyl acetate	Ave	0.4869	0.4885		20.1	20.0	0.3	20.0
Bromodichloromethane	Ave	0.3553	0.3547	0.2000	20.0	20.0	-0.2	20.0
2-Nitropropane	Ave	0.0824	0.0807		39.1	40.0	-2.1	20.0
2-Chloroethyl vinyl ether	Ave	0.2202	0.2053		18.7	20.0	-6.7	20.0
Epichlorohydrin	Ave	0.2325	0.2462		424	400	5.9	20.0
cis-1,3-Dichloropropene	Ave	0.5946	0.5811	0.2000	19.5	20.0	-2.3	50.0
4-Methyl-2-pentanone	Ave	2.275	2.342	0.0500	103	100	2.9	50.0
Toluene	Ave	1.479	1.480	0.4000	20.0	20.0	0.0	20.0
trans-1,3-Dichloropropene	Ave	0.5302	0.5148	0.1000	19.4	20.0	-2.9	50.0
Ethyl methacrylate	Ave	0.4839	0.4765		19.7	20.0	-1.5	20.0
1,1,2-Trichloroethane	Ave	0.2781	0.2757	0.1000	19.8	20.0	-0.9	20.0
Tetrachloroethene	Ave	0.3180	0.3188	0.2000	20.1	20.0	0.3	20.0
1,3-Dichloropropane	Ave	0.5767	0.5778		20.0	20.0	0.2	20.0
2-Hexanone	Ave	1.613	1.604	0.0500	99.5	100	-0.5	50.0
Dibromochloromethane	Ave	0.3185	0.3031	0.1000	19.0	20.0	-4.8	50.0
n-Butyl acetate	Ave	0.4709	0.4592		19.5	20.0	-2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334459/2 Calibration Date: 11/10/2015 20:36

Instrument ID: CVOAMS12 Calib Start Date: 11/09/2015 14:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/09/2015 21:40

Lab File ID: O03985.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3325	0.3228	0.1000	19.4	20.0	-2.9	20.0
Chlorobenzene	Ave	0.9213	0.8987	0.5000	19.5	20.0	-2.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2969	0.2811		18.9	20.0	-5.3	20.0
Ethylbenzene	Ave	0.4749	0.4701	0.1000	19.8	20.0	-1.0	20.0
m-Xylene & p-Xylene	Ave	0.5868	0.5752	0.1000	19.6	20.0	-2.0	20.0
o-Xylene	Ave	0.5878	0.5846	0.3000	19.9	20.0	-0.5	20.0
Styrene	Ave	1.012	0.9758	0.3000	19.3	20.0	-3.6	20.0
n-Butyl acrylate	Ave	0.2841	0.2765		19.5	20.0	-2.7	20.0
Bromoform	Ave	0.2052	0.1887	0.1000	18.4	20.0	-8.1	20.0
Amyl acetate (mixed isomers)	Ave	1.244	1.274		20.5	20.0	2.4	20.0
Isopropylbenzene	Ave	1.371	1.391	0.1000	20.3	20.0	1.4	20.0
Bromobenzene	Ave	0.7200	0.6841		19.0	20.0	-5.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8156	0.8135	0.3000	20.0	20.0	-0.2	20.0
1,2,3-Trichloropropane	Ave	0.2314	0.2338		20.2	20.0	1.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2472	0.2423		19.6	20.0	-2.0	20.0
N-Propylbenzene	Ave	3.072	3.195		20.8	20.0	4.0	20.0
2-Chlorotoluene	Ave	1.929	1.925		20.0	20.0	-0.2	20.0
4-Ethyltoluene	Ave	2.757	2.642		19.2	20.0	-4.1	20.0
4-Chlorotoluene	Ave	2.106	2.081		19.8	20.0	-1.2	20.0
1,3,5-Trimethylbenzene	Ave	2.187	2.189		20.0	20.0	0.1	20.0
Butyl Methacrylate	Ave	0.8625	0.8170		18.9	20.0	-5.3	20.0
tert-Butylbenzene	Ave	1.743	1.756		20.1	20.0	0.7	20.0
1,2,4-Trimethylbenzene	Ave	2.281	2.295		20.1	20.0	0.6	20.0
sec-Butylbenzene	Ave	2.526	2.597		20.6	20.0	2.8	20.0
1,3-Dichlorobenzene	Ave	1.341	1.280	0.6000	19.1	20.0	-4.6	20.0
1,4-Dichlorobenzene	Ave	1.386	1.312	0.5000	18.9	20.0	-5.3	20.0
4-Isopropyltoluene	Ave	2.270	2.262		19.9	20.0	-0.3	20.0
Benzyl chloride	Ave	0.2887	0.2663		18.4	20.0	-7.8	50.0
Indan	Ave	2.559	2.435		19.0	20.0	-4.8	20.0
1,2-Dichlorobenzene	Ave	1.306	1.254	0.4000	19.2	20.0	-4.0	20.0
p-Diethylbenzene	Ave	1.395	1.303		18.7	20.0	-6.6	20.0
n-Butylbenzene	Ave	2.505	2.500		20.0	20.0	-0.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1659	0.1626	0.0500	19.6	20.0	-2.0	50.0
1,2,4,5-Tetramethylbenzene	Ave	2.233	2.145		19.2	20.0	-3.9	20.0
1,3,5-Trichlorobenzene	Ave	1.018	0.9123		17.9	20.0	-10.4	20.0
1,2,4-Trichlorobenzene	Ave	0.9343	0.8629	0.2000	18.5	20.0	-7.6	20.0
Hexachlorobutadiene	Ave	0.3049	0.2956		19.4	20.0	-3.1	20.0
Naphthalene	Ave	2.357	2.312		19.6	20.0	-1.9	50.0
1,2,3-Trichlorobenzene	Ave	0.8775	0.8100		18.5	20.0	-7.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2625	0.2238		42.6	50.0	-14.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3437	0.2912		42.4	50.0	-15.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334459/2 Calibration Date: 11/10/2015 20:36

Instrument ID: CVOAMS12 Calib Start Date: 11/09/2015 14:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/09/2015 21:40

Lab File ID: O03985.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	1.344	1.148		42.7	50.0	-14.5	20.0
Bromofluorobenzene	Ave	0.3910	0.3447		44.1	50.0	-11.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03985.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 20:36:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034068-002
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub9

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 16:20:29 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: delpolitov Date: 11-Nov-2015 16:20:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	90	8535	20.0	17.7	
2 Dichlorodifluoromethane	85	0.979	0.979	0.000	99	61635	20.0	15.3	
4 Chloromethane	50	1.131	1.131	0.000	97	63033	20.0	16.8	
3 Vinyl chloride	62	1.150	1.150	0.000	97	66716	20.0	16.4	
5 Butadiene	54	1.174	1.174	0.000	98	61498	20.0	17.7	
7 Bromomethane	94	1.338	1.338	0.000	99	29130	20.0	18.9	
8 Chloroethane	64	1.399	1.399	0.000	100	46192	20.0	18.2	
11 Dichlorofluoromethane	67	1.515	1.515	0.000	98	113246	20.0	18.7	
10 Trichlorofluoromethane	101	1.551	1.551	0.000	98	79406	20.0	18.8	
9 Pentane	72	1.600	1.600	0.000	96	22267	40.0	40.5	
14 Ethanol	46	1.673	1.673	0.000	52	16815	800.0	696.9	
13 Ethyl ether	59	1.728	1.728	0.000	97	56344	20.0	19.2	
12 2-Methyl-1,3-butadiene	67	1.740	1.740	0.000	97	154626	20.0	20.9	
15 1,2-Dichloro-1,1,2-trifluo	67	1.740	1.740	0.000	88	154626	20.0	20.9	
21 Acrolein	56	1.801	1.801	0.000	94	28497	40.0	37.5	
16 1,1-Dichloroethene	96	1.867	1.867	0.000	95	48763	20.0	19.8	
18 1,1,2-Trichloro-1,2,2-trif	101	1.874	1.874	0.000	96	48827	20.0	19.8	
25 Acetone	58	1.898	1.898	0.000	86	29666	100.0	74.0	
19 Iodomethane	142	1.959	1.959	0.000	99	25080	20.0	12.3	
23 Isopropyl alcohol	45	1.995	1.995	0.000	100	45775	200.0	186.8	
17 Carbon disulfide	76	2.001	2.001	0.000	100	127963	20.0	17.5	
32 Acetonitrile	41	2.093	2.093	0.000	81	183669	200.0	197.8	
22 3-Chloro-1-propene	76	2.099	2.099	0.000	90	69387	20.0	16.8	
27 Methyl acetate	74	2.111	2.111	0.000	100	67378	100.0	87.9	
20 Cyclopentene	67	2.153	2.153	0.000	96	146871	20.0	20.2	
24 Methylene Chloride	84	2.178	2.178	0.000	98	59361	20.0	19.8	M
* 30 TBA-d9 (IS)	65	2.208	2.208	0.000	97	349224	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.263	2.263	0.000	99	74478	200.0	194.1	
37 Acrylonitrile	53	2.342	2.342	0.000	94	238761	200.0	189.7	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	98	54735	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methyl tert-butyl ether	73	2.372	2.372	0.000	97	181597	20.0	19.7	
28 Hexane	57	2.573	2.573	0.000	92	72235	20.0	19.3	
36 1,1-Dichloroethane	63	2.670	2.670	0.000	99	105754	20.0	20.0	
40 Vinyl acetate	86	2.719	2.719	0.000	100	22508	40.0	49.5	
34 Isopropyl ether	45	2.737	2.737	0.000	89	197922	20.0	19.2	
35 2-Chloro-1,3-butadiene	88	2.743	2.743	0.000	92	53309	20.0	19.0	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	183476	20.0	19.1	
* 52 2-Butanone-d5	46	3.090	3.090	0.000	0	355682	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.127	3.127	0.000	92	63244	20.0	19.8	
42 2,2-Dichloropropane	97	3.127	3.127	0.000	73	18307	20.0	19.9	
53 2-Butanone (MEK)	72	3.139	3.139	0.000	100	42406	100.0	90.6	
58 Propionitrile	54	3.182	3.182	0.000	97	98947	200.0	173.9	
47 Ethyl acetate	70	3.200	3.200	0.000	100	10986	40.0	36.9	
48 Methyl acrylate	55	3.230	3.230	0.000	99	69388	20.0	19.4	
59 Methacrylonitrile	67	3.315	3.315	0.000	93	305505	200.0	197.9	
44 Chlorobromomethane	128	3.321	3.321	0.000	93	27867	20.0	20.0	
49 Tetrahydrofuran	42	3.364	3.364	0.000	95	43389	40.0	38.6	
45 Chloroform	83	3.394	3.394	0.000	98	96581	20.0	20.1	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	110931	50.0	42.6	
51 1,1,1-Trichloroethane	97	3.553	3.553	0.000	98	74996	20.0	20.0	
43 Cyclohexane	56	3.607	3.607	0.000	93	94133	20.0	19.1	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	77374	20.0	20.4	
46 Carbon tetrachloride	117	3.705	3.705	0.000	76	59920	20.0	20.6	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.839	3.839	0.000	96	144335	50.0	42.4	
63 Isobutyl alcohol	43	3.851	3.851	0.000	95	69764	500.0	471.7	
56 Benzene	78	3.893	3.893	0.000	96	236035	20.0	19.9	
62 1,2-Dichloroethane	62	3.905	3.905	0.000	97	82355	20.0	19.2	
55 Isooctane	57	3.991	3.991	0.000	97	143534	20.0	21.1	
66 Isopropyl acetate	43	3.997	3.997	0.000	98	209040	20.0	19.3	
61 Tert-amyl methyl ether	73	4.021	4.021	0.000	99	171996	20.0	19.0	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	495670	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	93	61001	20.0	19.5	
70 n-Butanol	56	4.520	4.520	0.000	91	42454	500.0	428.5	
68 Trichloroethene	95	4.538	4.538	0.000	98	54932	20.0	19.4	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	86524	20.0	20.1	
67 Methylcyclohexane	83	4.745	4.745	0.000	96	83399	20.0	18.6	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	93	61819	20.0	20.1	
* 74 1,4-Dioxane-d8	96	4.879	4.879	0.000	94	40222	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	97	35662	20.0	19.9	
76 1,4-Dioxane	88	4.946	4.946	0.000	30	16669	400.0	370.6	
75 Methyl methacrylate	100	4.946	4.946	0.000	90	35985	40.0	39.1	
77 n-Propyl acetate	43	5.025	5.025	0.000	99	96850	20.0	20.1	
72 Dichlorobromomethane	83	5.086	5.086	0.000	98	70323	20.0	20.0	
83 2-Nitropropane	41	5.353	5.353	0.000	98	31982	40.0	39.1	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	97	40712	20.0	18.7	
82 Epichlorohydrin	57	5.518	5.518	0.000	99	140115	400.0	423.6	
79 cis-1,3-Dichloropropene	75	5.621	5.621	0.000	95	94846	20.0	19.5	
85 4-Methyl-2-pentanone (MIBK	43	5.840	5.840	0.000	97	333203	100.0	102.9	
$ 80 Toluene-d8 (Surr)	98	5.943	5.943	0.000	99	468553	50.0	42.7	
81 Toluene	91	6.023	6.023	0.000	93	241487	20.0	20.0	
86 trans-1,3-Dichloropropene	75	6.333	6.333	0.000	98	84019	20.0	19.4	
88 Ethyl methacrylate	69	6.509	6.509	0.000	89	77778	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	94	44994	20.0	19.8	
84 Tetrachloroethene	166	6.728	6.728	0.000	95	52032	20.0	20.1	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	94	94298	20.0	20.0	
93 2-Hexanone	43	6.947	6.947	0.000	96	228266	100.0	99.5	
89 Chlorodibromomethane	129	7.069	7.069	0.000	98	49468	20.0	19.0	
92 n-Butyl acetate	43	7.172	7.172	0.000	98	74952	20.0	19.5	
91 Ethylene Dibromide	107	7.197	7.197	0.000	99	52688	20.0	19.4	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	408036	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	93	146688	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	94	45875	20.0	18.9	
96 Ethylbenzene	106	8.134	8.134	0.000	99	76733	20.0	19.8	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	93872	20.0	19.6	
99 o-Xylene	106	8.906	8.906	0.000	94	95420	20.0	19.9	
101 Styrene	104	8.937	8.937	0.000	94	159266	20.0	19.3	
102 n-Butyl acrylate	73	8.985	8.985	0.000	99	45125	20.0	19.5	
100 Bromoform	173	9.162	9.162	0.000	95	30795	20.0	18.4	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.000	91	111981	20.0	20.5	
103 Isopropylbenzene	105	9.515	9.515	0.000	97	227025	20.0	20.3	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	91	140668	50.0	44.1	
107 Bromobenzene	156	9.910	9.910	0.000	97	60137	20.0	19.0	
109 1,1,2,2-Tetrachloroethane	83	10.019	10.019	0.000	98	71513	20.0	20.0	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	97	20551	20.0	20.2	
114 trans-1,4-Dichloro-2-buten	53	10.123	10.123	0.000	88	21295	20.0	19.6	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	280817	20.0	20.8	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	169246	20.0	20.0	
111 4-Ethyltoluene	105	10.384	10.384	0.000	99	232272	20.0	19.2	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	182900	20.0	19.8	
113 1,3,5-Trimethylbenzene	105	10.500	10.500	0.000	92	192432	20.0	20.0	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	71814	20.0	18.9	
116 tert-Butylbenzene	119	11.023	11.023	0.000	93	154364	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	201706	20.0	20.1	
119 sec-Butylbenzene	105	11.370	11.370	0.000	98	228249	20.0	20.6	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	95	112477	20.0	19.1	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.000	97	219758	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	96	115331	20.0	18.9	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	97	198835	20.0	19.9	
125 Benzyl chloride	126	11.790	11.790	0.000	98	23405	20.0	18.4	
124 2,3-Dihydroindene	117	11.918	11.918	0.000	94	214045	20.0	19.0	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	110208	20.0	19.2	
126 p-Diethylbenzene	119	12.094	12.094	0.000	92	114553	20.0	18.7	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	219763	20.0	20.0	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	93	14289	20.0	19.6	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	188512	20.0	19.2	
131 1,3,5-Trichlorobenzene	180	13.122	13.122	0.000	97	80196	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	94	75855	20.0	18.5	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	95	25981	20.0	19.4	
135 Naphthalene	128	13.864	13.864	0.000	99	203247	20.0	19.6	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	71198	20.0	18.5	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.6	
S 138 Xylenes, Total	100				0		40.0	39.5	
S 139 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 16:20:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03985.D

Injection Date: 10-Nov-2015 20:36:30 Instrument ID: CVOAMS12 Operator ID:

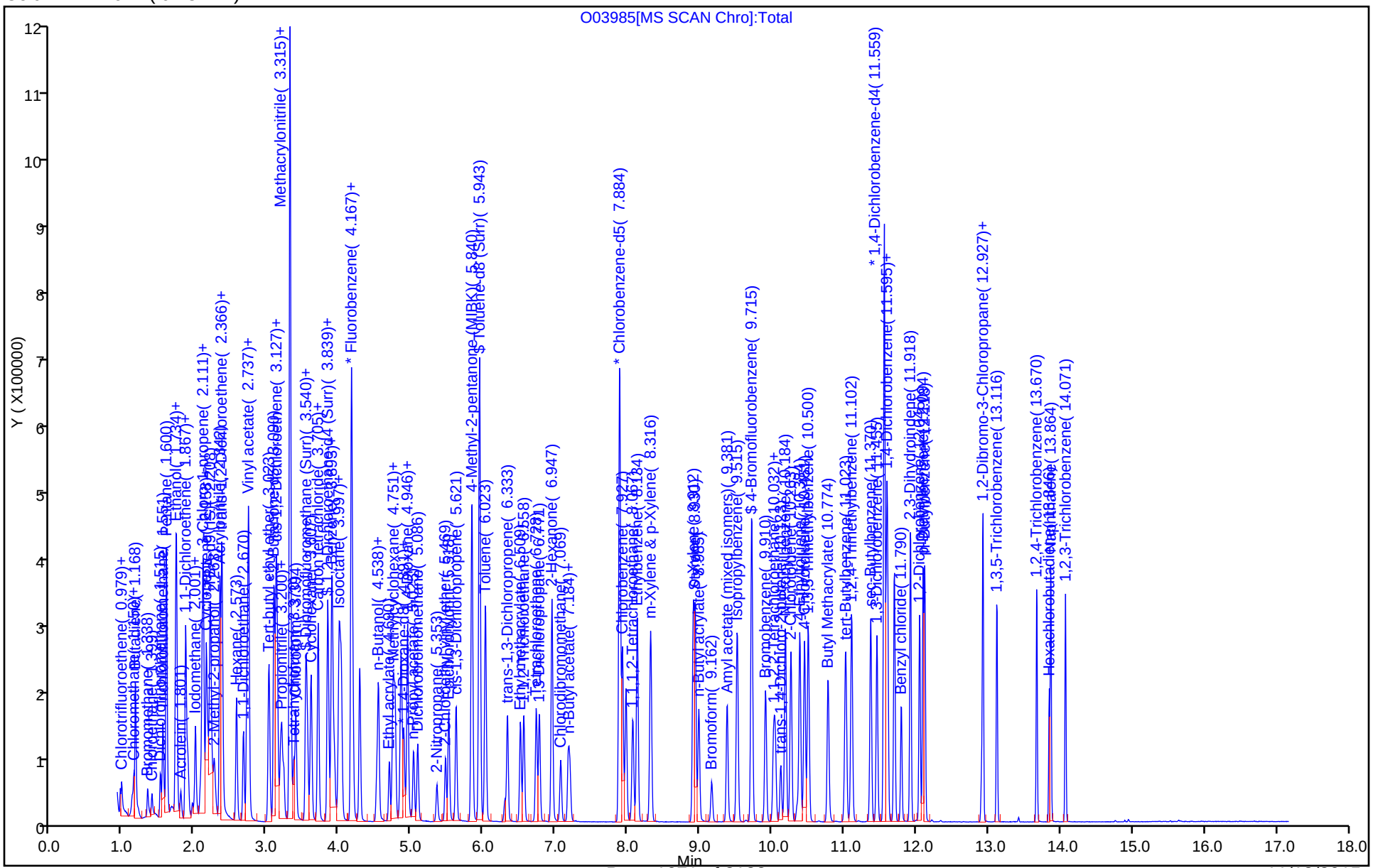
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333935/2 Calibration Date: 11/08/2015 07:46

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89700.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	Ave	0.0512	0.0501		19.6	20.0	-2.2	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3188	0.1000	17.1	20.0	-14.7	20.0
Chloromethane	Ave	0.2458	0.2085	0.1000	17.0	20.0	-15.2	20.0
Butadiene	Ave	0.2228	0.2119		19.0	20.0	-4.9	20.0
Vinyl chloride	Ave	0.2896	0.2819	0.1000	19.5	20.0	-2.7	20.0
Bromomethane	Ave	0.2413	0.2291	0.1000	19.0	20.0	-5.1	50.0
Chloroethane	Ave	0.1654	0.1470	0.1000	17.8	20.0	-11.1	50.0
Dichlorofluoromethane	Ave	0.5313	0.4993		18.8	20.0	-6.0	20.0
Trichlorofluoromethane	Ave	0.4781	0.4105	0.1000	17.2	20.0	-14.1	20.0
Pentane	QuaF	0.0314	0.0304		35.1	40.0	-12.3	20.0
Ethanol	Ave	0.0143	0.0095		529	800	-33.8	50.0
Ethyl ether	Ave	0.1995	0.1875		18.8	20.0	-6.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2270		21.1	20.0	5.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.2479		18.2	20.0	-9.2	20.0
Acrolein	Ave	2.665	1.810		27.2	40.0	-32.1	50.0
1,1-Dichloroethene	Ave	0.2993	0.2782	0.1000	18.6	20.0	-7.0	20.0
Freon TF	Ave	0.2641	0.2415	0.1000	18.3	20.0	-8.6	20.0
Acetone	Ave	0.7000	0.5685	0.0500	81.2	100	-18.8	50.0
Iodomethane	Ave	0.6369	0.5851		18.4	20.0	-8.1	20.0
Carbon disulfide	Ave	0.9313	0.8851	0.1000	19.0	20.0	-5.0	50.0
Isopropyl alcohol	QuaF	0.2995	0.2629		190	200	-5.0	50.0
Allyl chloride	Ave	0.1653	0.1605		19.4	20.0	-2.9	20.0
Cyclopentene	Ave	0.6510	0.6386		19.6	20.0	-1.9	20.0
Methyl acetate	Ave	0.1750	0.1817	0.1000	104	100	3.8	20.0
Acetonitrile	Ave	0.0204	0.0248		243	200	21.5*	20.0
Methylene Chloride	Ave	0.3250	0.3075	0.1000	18.9	20.0	-5.4	20.0
2-Methyl-2-propanol	Ave	1.029	0.7484		145	200	-27.3	50.0
MTBE	Ave	0.8877	0.7816	0.1000	17.6	20.0	-12.0	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.2928	0.1000	18.1	20.0	-9.7	20.0
Acrylonitrile	QuaF		0.0812		199	200	-0.3	20.0
Hexane	Ave	0.0941	0.0924		19.6	20.0	-1.8	20.0
Isopropyl ether	Ave	0.7190	0.7643		21.3	20.0	6.3	20.0
1,1-Dichloroethane	Ave	0.4811	0.4837	0.2000	20.1	20.0	0.5	20.0
Vinyl acetate	Ave	0.0346	0.0401		46.4	40.0	15.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2511		18.7	20.0	-6.5	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.7743		18.2	20.0	-9.0	20.0
2,2-Dichloropropane	QuaF	0.2638	0.2014		18.3	20.0	-8.7	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.2969	0.1000	16.9	20.0	-15.7	20.0
2-Butanone	Ave	0.3398	0.2897	0.0500	85.3	100	-14.7	50.0
Ethyl acetate	QuaF	0.2433	0.2201		34.0	40.0	-15.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333935/2 Calibration Date: 11/08/2015 07:46

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89700.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
Methyl acrylate	Ave	0.1898	0.1769		18.6	20.0	-6.8	20.0
Propionitrile	Ave	1.365	1.279		187	200	-6.3	20.0
Tetrahydrofuran	Ave	0.4270	0.3636		34.1	40.0	-14.8	20.0
Bromochloromethane	Ave	0.1894	0.1652		17.4	20.0	-12.8	20.0
Methacrylonitrile	Ave	0.1022	0.0946		185	200	-7.4	20.0
Chloroform	Ave	0.5251	0.4688	0.2000	17.9	20.0	-10.7	20.0
Cyclohexane	Ave	0.2926	0.2707	0.1000	18.5	20.0	-7.5	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.3866	0.1000	15.6	20.0	-21.8*	20.0
Carbon tetrachloride	Ave	0.4004	0.3351	0.1000	16.7	20.0	-16.3	20.0
1,1-Dichloropropene	Ave	0.3598	0.3209		17.8	20.0	-10.8	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.4611		27.2	20.0	35.9*	20.0
Benzene	Ave	1.194	1.160	0.5000	19.4	20.0	-2.8	20.0
Isobutyl alcohol	Ave	0.3389	0.4295		634	500	26.7	50.0
Tert-amyl methyl ether	Ave	0.9320	0.8292		17.8	20.0	-11.0	20.0
Isopropyl acetate	Ave	0.2946	0.2353		16.0	20.0	-20.1*	20.0
1,2-Dichloroethane	Ave	0.4118	0.3300	0.1000	16.0	20.0	-19.9	20.0
n-Heptane	Ave	0.0703	0.0830		23.6	20.0	18.2	20.0
Trichloroethene	Ave	0.2825	0.2491	0.2000	17.6	20.0	-11.8	20.0
n-Butanol	Qua2	0.1038	0.0903		574	500	14.8	50.0
Methylcyclohexane	Ave	0.2378	0.2385	0.1000	20.1	20.0	0.3	50.0
Ethyl acrylate	Ave	0.2624	0.2210		16.8	20.0	-15.8	20.0
1,2-Dichloropropane	Ave	0.2431	0.2348	0.1000	19.3	20.0	-3.4	20.0
Methyl methacrylate	Ave	0.0825	0.0655		31.7	40.0	-20.6*	20.0
Dibromomethane	Ave	0.1937	0.1539		15.9	20.0	-20.6*	20.0
1,4-Dioxane	QuaF	0.6285	1.106		697	400	74.3*	50.0
n-Propyl acetate	Ave	0.2671	0.2597		19.4	20.0	-2.8	20.0
Bromodichloromethane	Ave	0.3685	0.3201	0.2000	17.4	20.0	-13.1	20.0
2-Nitropropane	Ave	0.0587	0.0504		34.4	40.0	-14.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1355		17.9	20.0	-10.4	20.0
Epichlorohydrin	QuaF		0.2453		367	400	-8.2	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.4509	0.2000	18.9	20.0	-5.4	50.0
4-Methyl-2-pentanone	Ave	2.865	2.565	0.0500	89.5	100	-10.5	50.0
Toluene	Ave	1.261	1.181	0.4000	18.7	20.0	-6.3	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.3946	0.1000	18.4	20.0	-7.8	50.0
Ethyl methacrylate	Ave	0.3535	0.3367		19.1	20.0	-4.7	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2204	0.1000	19.0	20.0	-4.9	20.0
Tetrachloroethene	Ave	0.3427	0.3278	0.2000	19.1	20.0	-4.4	20.0
1,3-Dichloropropane	Ave	0.4697	0.4432		18.9	20.0	-5.6	20.0
2-Hexanone	Ave	1.652	1.545	0.0500	93.5	100	-6.5	50.0
Dibromochloromethane	Ave	0.3671	0.3092	0.1000	16.8	20.0	-15.8	50.0
n-Butyl acetate	Ave	0.0562	0.0543		19.3	20.0	-3.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333935/2 Calibration Date: 11/08/2015 07:46

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89700.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.2917	0.1000	17.9	20.0	-10.7	20.0
Chlorobenzene	Ave	0.9432	0.8283	0.5000	17.6	20.0	-12.2	20.0
Ethylbenzene	Ave	0.4679	0.4262	0.1000	18.2	20.0	-8.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3298		17.4	20.0	-12.9	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5044	0.1000	17.1	20.0	-14.5	20.0
o-Xylene	Ave	0.6067	0.5352	0.3000	17.6	20.0	-11.8	20.0
n-Butyl acrylate	Ave	0.2490	0.2255		18.1	20.0	-9.4	20.0
Styrene	Ave	1.010	0.8980	0.3000	17.8	20.0	-11.1	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.8202		22.5	20.0	12.5	20.0
Bromoform	Ave	0.2601	0.2242	0.1000	17.2	20.0	-13.8	20.0
Isopropylbenzene	Ave	1.232	1.104	0.1000	17.9	20.0	-10.4	20.0
Bromobenzene	Ave	0.7516	0.6600		17.6	20.0	-12.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.5991	0.3000	19.0	20.0	-5.1	20.0
N-Propylbenzene	Ave	2.030	1.931		19.0	20.0	-4.9	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.1835		17.3	20.0	-13.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1490		19.7	20.0	-1.7	20.0
2-Chlorotoluene	Ave	1.613	1.539		19.1	20.0	-4.6	20.0
4-Ethyltoluene	Ave	1.945	1.764		18.1	20.0	-9.3	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.456		17.8	20.0	-11.0	20.0
4-Chlorotoluene	Ave	1.503	1.400		18.6	20.0	-6.8	20.0
Butyl Methacrylate	Ave	0.7257	0.6943		19.1	20.0	-4.3	20.0
tert-Butylbenzene	Ave	1.255	1.111		17.7	20.0	-11.5	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.541		17.4	20.0	-12.9	20.0
sec-Butylbenzene	Ave	1.634	1.605		19.6	20.0	-1.8	20.0
4-Isopropyltoluene	Ave	1.509	1.475		19.6	20.0	-2.2	20.0
1,3-Dichlorobenzene	Ave	1.175	1.049	0.6000	17.8	20.0	-10.8	20.0
1,4-Dichlorobenzene	Ave	1.238	1.107	0.5000	17.9	20.0	-10.6	20.0
Benzyl chloride	Ave	1.258	1.228		19.5	20.0	-2.4	50.0
Indan	Ave	2.173	1.969		18.1	20.0	-9.4	20.0
p-Diethylbenzene	Ave	0.9151	0.8417		18.4	20.0	-8.0	20.0
n-Butylbenzene	Ave	1.394	1.435		20.6	20.0	2.9	20.0
1,2-Dichlorobenzene	Ave	1.242	1.075	0.4000	17.3	20.0	-13.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.508		18.3	20.0	-8.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.1051	0.0500	18.0	20.0	-10.2	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.7893		19.9	20.0	-0.5	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.7757	0.2000	20.6	20.0	2.9	20.0
Hexachlorobutadiene	Ave	0.2962	0.3671		24.8	20.0	23.9*	20.0
Naphthalene	Ave	2.029	1.977		19.5	20.0	-2.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.7583		21.8	20.0	9.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2352		46.3	50.0	-7.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2240		43.2	50.0	-13.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333935/2 Calibration Date: 11/08/2015 07:46

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89700.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	0.9816	0.9296		47.3	50.0	-5.3	20.0
Bromofluorobenzene	Ave	0.4266	0.3909		45.8	50.0	-8.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89700.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2015 07:46:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0033958-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:28:15 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:26:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.085	1.085	0.000	56	10396	20.0	19.6	
2 Dichlorodifluoromethane	85	1.101	1.101	0.000	98	66129	20.0	17.1	
3 Chloromethane	50	1.208	1.208	0.000	99	43257	20.0	17.0	
5 Butadiene	54	1.291	1.291	0.000	90	43949	20.0	19.0	
4 Vinyl chloride	62	1.291	1.291	0.000	97	58480	20.0	19.5	
6 Bromomethane	94	1.521	1.521	0.000	98	47515	20.0	19.0	
7 Chloroethane	64	1.587	1.587	0.000	98	30489	20.0	17.8	
10 Trichlorofluoromethane	101	1.760	1.760	0.000	60	85156	20.0	17.2	
9 Dichlorofluoromethane	67	1.760	1.760	0.000	97	103578	20.0	18.8	
8 Pentane	72	1.768	1.768	0.000	97	12630	40.0	35.1	
12 Ethanol	46	1.949	1.949	0.000	65	1645	800.0	529.3	
11 Ethyl ether	59	1.949	1.949	0.000	90	38904	20.0	18.8	
13 2-Methyl-1,3-butadiene	53	1.965	1.965	0.000	96	47092	20.0	21.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	86	51427	20.0	18.2	
15 Acrolein	56	2.122	2.122	0.000	68	15684	40.0	27.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.130	0.000	86	50088	20.0	18.3	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	96	57716	20.0	18.6	
18 Acetone	43	2.237	2.237	0.000	88	45600	100.0	81.2	
19 Iodomethane	142	2.278	2.278	0.000	96	121371	20.0	18.4	
20 Carbon disulfide	76	2.295	2.295	0.000	98	183606	20.0	19.0	
21 Isopropyl alcohol	45	2.360	2.360	0.000	48	11387	200.0	190.0	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	44	33302	20.0	19.4	
23 Cyclopentene	67	2.451	2.451	0.000	84	132475	20.0	19.6	
24 Methyl acetate	43	2.459	2.459	0.000	99	188487	100.0	103.8	
25 Acetonitrile	41	2.517	2.517	0.000	46	51529	200.0	242.9	
26 Methylene Chloride	84	2.566	2.566	0.000	88	63790	20.0	18.9	
* 27 TBA-d9 (IS)	65	2.599	2.599	0.000	93	216581	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.665	0.000	73	32418	200.0	145.4	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	96	162135	20.0	17.6	
30 trans-1,2-Dichloroethene	96	2.756	2.756	0.000	90	60740	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.830	2.830	0.000	96	168369	200.0	199.5	
32 Hexane	43	2.904	2.904	0.000	91	19176	20.0	19.6	
34 Isopropyl ether	45	3.134	3.134	0.000	97	158556	20.0	21.3	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	99	100338	20.0	20.1	
36 Vinyl acetate	86	3.183	3.183	0.000	100	16654	40.0	46.4	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	88	52092	20.0	18.7	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	89	160613	20.0	18.2	
39 2,2-Dichloropropane	41	3.661	3.661	0.000	71	41771	20.0	18.3	
* 158 2-Butanone-d5	46	3.677	3.677	0.000	93	200528	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.710	3.710	0.000	93	61598	20.0	16.9	
41 2-Butanone (MEK)	72	3.743	3.743	0.000	97	23238	100.0	85.3	
42 Ethyl acetate	70	3.751	3.751	0.000	93	7063	40.0	34.0	
43 Methyl acrylate	55	3.809	3.809	0.000	98	36704	20.0	18.6	
44 Propionitrile	54	3.883	3.883	0.000	95	55383	200.0	187.4	
46 Tetrahydrofuran	72	3.941	3.941	0.000	70	11666	40.0	34.1	
45 Chlorobromomethane	128	3.949	3.949	0.000	80	34269	20.0	17.4	
47 Methacrylonitrile	67	3.982	3.982	0.000	90	196204	200.0	185.1	
48 Chloroform	83	4.023	4.023	0.000	98	97245	20.0	17.9	
49 Cyclohexane	84	4.122	4.122	0.000	89	56149	20.0	18.5	
50 1,1,1-Trichloroethane	97	4.163	4.163	0.000	83	80205	20.0	15.6	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	91	121990	50.0	46.3	
52 Carbon tetrachloride	117	4.286	4.286	0.000	98	69509	20.0	16.7	
53 1,1-Dichloropropene	75	4.319	4.319	0.000	96	66559	20.0	17.8	
54 Isooctane	57	4.517	4.517	0.000	93	95648	20.0	27.2	
55 Benzene	78	4.533	4.533	0.000	95	201222	20.0	19.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.574	4.574	0.000	94	116183	50.0	43.2	
56 Isobutyl alcohol	43	4.574	4.574	0.000	43	46508	500.0	633.6	
58 Tert-amyl methyl ether	73	4.640	4.640	0.000	92	172014	20.0	17.8	
59 Isopropyl acetate	87	4.648	4.648	0.000	96	48814	20.0	16.0	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	96	68451	20.0	16.0	
61 n-Heptane	57	4.755	4.755	0.000	89	17223	20.0	23.6	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	518610	50.0	50.0	
64 Trichloroethene	95	5.290	5.290	0.000	95	51683	20.0	17.6	
65 n-Butanol	56	5.373	5.373	0.000	84	9779	500.0	573.8	
66 Methylcyclohexane	83	5.414	5.414	0.000	92	49473	20.0	20.1	
67 Ethyl acrylate	55	5.504	5.504	0.000	97	45837	20.0	16.8	
68 1,2-Dichloropropane	63	5.628	5.628	0.000	91	48712	20.0	19.3	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	85	21120	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.776	0.000	96	27172	40.0	31.7	
70 Dibromomethane	93	5.784	5.784	0.000	89	31921	20.0	15.9	
71 1,4-Dioxane	88	5.801	5.801	0.000	31	9345	400.0	697.1	M
73 n-Propyl acetate	43	5.866	5.866	0.000	98	53868	20.0	19.4	
74 Dichlorobromomethane	83	5.990	5.990	0.000	99	66392	20.0	17.4	
75 2-Nitropropane	41	6.401	6.401	0.000	97	20927	40.0	34.4	
76 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	96	28108	20.0	17.9	
77 Epichlorohydrin	57	6.549	6.549	0.000	98	78689	400.0	367.0	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	91	78211	20.0	18.9	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	96	205703	100.0	89.5	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	98	403136	50.0	47.3	
81 Toluene	91	6.944	6.944	0.000	93	204921	20.0	18.7	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	68459	20.0	18.4	
83 Ethyl methacrylate	69	7.405	7.405	0.000	88	58413	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	92	38229	20.0	19.0	
85 Tetrachloroethene	166	7.553	7.553	0.000	92	56860	20.0	19.1	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	91	76890	20.0	18.9	
87 2-Hexanone	43	7.817	7.817	0.000	95	123910	100.0	93.5	
88 Chlorodibromomethane	129	7.932	7.932	0.000	98	53633	20.0	16.8	
89 n-Butyl acetate	73	7.932	7.932	0.000	95	9419	20.0	19.3	
90 Ethylene Dibromide	107	8.039	8.039	0.000	99	50602	20.0	17.9	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	84	433690	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	143686	20.0	17.6	
93 Ethylbenzene	106	8.607	8.607	0.000	97	73935	20.0	18.2	
94 1,1,1,2-Tetrachloroethane	131	8.623	8.623	0.000	95	57219	20.0	17.4	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	95	87504	20.0	17.1	
96 o-Xylene	106	9.101	9.101	0.000	95	92847	20.0	17.6	
97 n-Butyl acrylate	73	9.109	9.109	0.000	98	39124	20.0	18.1	
98 Styrene	104	9.125	9.125	0.000	97	155781	20.0	17.8	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	92	87447	20.0	22.5	
99 Bromoform	173	9.315	9.315	0.000	93	38892	20.0	17.2	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	191556	20.0	17.9	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	169508	50.0	45.8	
104 Bromobenzene	156	9.718	9.718	0.000	90	70367	20.0	17.6	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	98	63870	20.0	19.0	
106 N-Propylbenzene	91	9.784	9.784	0.000	99	205859	20.0	19.0	
107 1,2,3-Trichloropropane	110	9.808	9.808	0.000	94	19562	20.0	17.3	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	82	15882	20.0	19.7	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	164047	20.0	19.1	
110 4-Ethyltoluene	105	9.882	9.882	0.000	98	188074	20.0	18.1	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	95	155208	20.0	17.8	
112 4-Chlorotoluene	91	9.973	9.973	0.000	96	149308	20.0	18.6	
113 Butyl Methacrylate	87	10.039	10.039	0.000	86	74022	20.0	19.1	
114 tert-Butylbenzene	119	10.203	10.203	0.000	96	118493	20.0	17.7	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	164277	20.0	17.4	
116 sec-Butylbenzene	105	10.384	10.384	0.000	99	171155	20.0	19.6	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	98	157263	20.0	19.6	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	98	111809	20.0	17.8	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	266545	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	97	118060	20.0	17.9	
121 Benzyl chloride	91	10.714	10.714	0.000	99	130884	20.0	19.5	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	94	209934	20.0	18.1	
123 p-Diethylbenzene	119	10.812	10.812	0.000	94	89742	20.0	18.4	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	152970	20.0	20.6	
125 1,2-Dichlorobenzene	146	10.886	10.886	0.000	99	114649	20.0	17.3	
126 1,2,4,5-Tetramethylbenzene	119	11.421	11.421	0.000	98	160733	20.0	18.3	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	91	11210	20.0	18.0	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	96	84157	20.0	19.9	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	82698	20.0	20.6	
131 Hexachlorobutadiene	225	12.195	12.195	0.000	97	39140	20.0	24.8	
132 Naphthalene	128	12.310	12.310	0.000	99	210834	20.0	19.5	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	95	80849	20.0	21.8	
S 134 1,2-Dichloroethene, Total	100				0		40.0	34.9	
S 135 Xylenes, Total	100				0		40.0	34.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00125	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

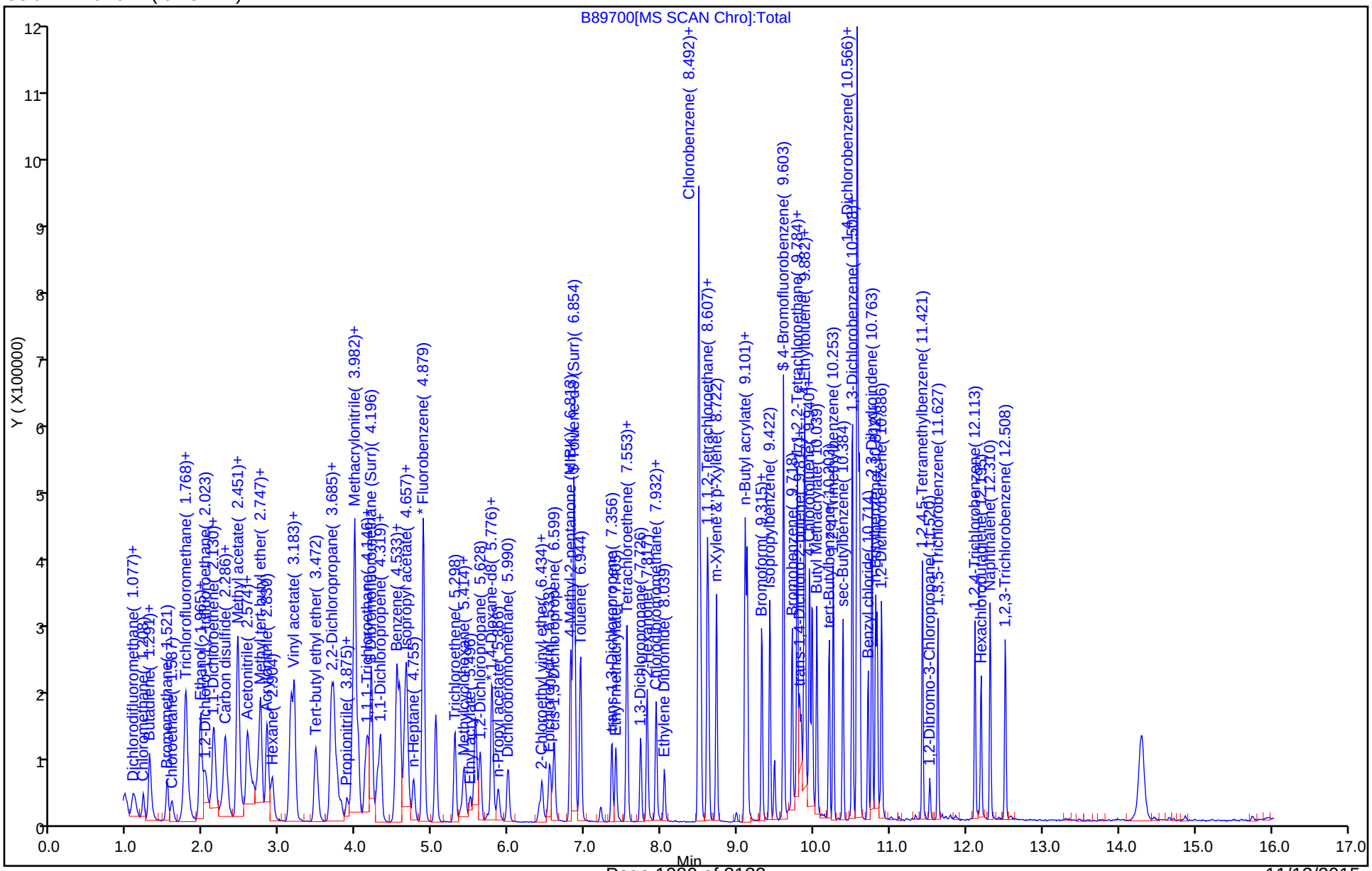
Report Date: 11-Nov-2015 12:28:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89700.D

Injection Date:	08-Nov-2015 07:46:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334020/2 Calibration Date: 11/09/2015 10:37

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89729.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	Ave	0.0512	0.0588		23.0	20.0	14.8	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3988	0.1000	21.4	20.0	6.8	20.0
Chloromethane	Ave	0.2458	0.2626	0.1000	21.4	20.0	6.8	20.0
Butadiene	Ave	0.2228	0.2549		22.9	20.0	14.4	20.0
Vinyl chloride	Ave	0.2896	0.3360	0.1000	23.2	20.0	16.0	20.0
Bromomethane	Ave	0.2413	0.2776	0.1000	23.0	20.0	15.0	50.0
Chloroethane	Ave	0.1654	0.1865	0.1000	22.6	20.0	12.8	50.0
Dichlorofluoromethane	Ave	0.5313	0.6406		24.1	20.0	20.6*	20.0
Trichlorofluoromethane	Ave	0.4781	0.5262	0.1000	22.0	20.0	10.1	20.0
Pentane	QuaF	0.0314	0.0365		42.1	40.0	5.2	20.0
Ethanol	Ave	0.0143	0.0074		412	800	-48.5	50.0
Ethyl ether	Ave	0.1995	0.2234		22.4	20.0	12.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2518		23.4	20.0	16.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.2936		21.5	20.0	7.5	20.0
Acrolein	Ave	2.665	2.460		36.9	40.0	-7.7	50.0
1,1-Dichloroethene	Ave	0.2993	0.3256	0.1000	21.8	20.0	8.8	20.0
Freon TF	Ave	0.2641	0.2857	0.1000	21.6	20.0	8.2	20.0
Acetone	Ave	0.7000	0.6597	0.0500	94.2	100	-5.8	50.0
Iodomethane	Ave	0.6369	0.6928		21.8	20.0	8.8	20.0
Carbon disulfide	Ave	0.9313	1.045	0.1000	22.4	20.0	12.2	50.0
Isopropyl alcohol	QuaF	0.2995	0.1288		93.7	200	-53.2*	50.0
Allyl chloride	Ave	0.1653	0.1875		22.7	20.0	13.5	20.0
Cyclopentene	Ave	0.6510	0.7314		22.5	20.0	12.3	20.0
Methyl acetate	Ave	0.1750	0.1933	0.1000	110	100	10.4	20.0
Acetonitrile	Ave	0.0204	0.0240		234	200	17.2	20.0
Methylene Chloride	Ave	0.3250	0.3490	0.1000	21.5	20.0	7.4	20.0
2-Methyl-2-propanol	Ave	1.029	1.061		206	200	3.1	50.0
MTBE	Ave	0.8877	0.8786	0.1000	19.8	20.0	-1.0	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.3272	0.1000	20.2	20.0	0.9	20.0
Acrylonitrile	QuaF		0.0887		218	200	9.1	20.0
Hexane	Ave	0.0941	0.1175		25.0	20.0	24.9*	20.0
Isopropyl ether	Ave	0.7190	0.8537		23.7	20.0	18.7	20.0
1,1-Dichloroethane	Ave	0.4811	0.5427	0.2000	22.6	20.0	12.8	20.0
Vinyl acetate	Ave	0.0346	0.0443		51.2	40.0	28.0*	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2677		19.9	20.0	-0.3	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.9066		21.3	20.0	6.5	20.0
2,2-Dichloropropane	QuaF	0.2638	0.2329		21.1	20.0	5.7	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.3589	0.1000	20.4	20.0	1.9	20.0
2-Butanone	Ave	0.3398	0.3086	0.0500	90.8	100	-9.2	50.0
Ethyl acetate	QuaF	0.2433	0.2335		36.1	40.0	-9.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334020/2 Calibration Date: 11/09/2015 10:37

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89729.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
Methyl acrylate	Ave	0.1898	0.1899		20.0	20.0	0.0	20.0
Propionitrile	Ave	1.365	1.542		226	200	13.0	20.0
Bromochloromethane	Ave	0.1894	0.1924		20.3	20.0	1.6	20.0
Tetrahydrofuran	Ave	0.4270	0.3846		36.0	40.0	-9.9	20.0
Methacrylonitrile	Ave	0.1022	0.1043		204	200	2.1	20.0
Chloroform	Ave	0.5251	0.5232	0.2000	19.9	20.0	-0.4	20.0
Cyclohexane	Ave	0.2926	0.3353	0.1000	22.9	20.0	14.6	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.4533	0.1000	18.3	20.0	-8.3	20.0
Carbon tetrachloride	Ave	0.4004	0.3994	0.1000	19.9	20.0	-0.3	20.0
1,1-Dichloropropene	Ave	0.3598	0.3694		20.5	20.0	2.7	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.4735		27.9	20.0	39.5*	20.0
Benzene	Ave	1.194	1.320	0.5000	22.1	20.0	10.6	20.0
Isobutyl alcohol	Ave	0.3389	0.3172		468	500	-6.4	50.0
Isopropyl acetate	Ave	0.2946	0.2684		18.2	20.0	-8.9	20.0
Tert-amyl methyl ether	Ave	0.9320	0.9076		19.5	20.0	-2.6	20.0
1,2-Dichloroethane	Ave	0.4118	0.3463	0.1000	16.8	20.0	-15.9	20.0
n-Heptane	Ave	0.0703	0.0879		25.0	20.0	25.0*	20.0
Trichloroethene	Ave	0.2825	0.2913	0.2000	20.6	20.0	3.1	20.0
n-Butanol	Qua2	0.1038	0.2102		1280	500	155.5*	50.0
Methylcyclohexane	Ave	0.2378	0.2753	0.1000	23.2	20.0	15.8	50.0
Ethyl acrylate	Ave	0.2624	0.2539		19.3	20.0	-3.3	20.0
1,2-Dichloropropane	Ave	0.2431	0.2582	0.1000	21.2	20.0	6.2	20.0
Methyl methacrylate	Ave	0.0825	0.0700		33.9	40.0	-15.2	20.0
1,4-Dioxane	QuaF	0.6285	0.4958		311	400	-22.2	50.0
Dibromomethane	Ave	0.1937	0.1774		18.3	20.0	-8.4	20.0
n-Propyl acetate	Ave	0.2671	0.2706		20.3	20.0	1.3	20.0
Bromodichloromethane	Ave	0.3685	0.3551	0.2000	19.3	20.0	-3.6	20.0
2-Nitropropane	Ave	0.0587	0.0569		38.8	40.0	-3.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1500		19.8	20.0	-0.8	20.0
Epichlorohydrin	QuaF		0.2592		388	400	-3.0	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.5135	0.2000	21.5	20.0	7.7	50.0
4-Methyl-2-pentanone	Ave	2.865	2.809	0.0500	98.1	100	-1.9	50.0
Toluene	Ave	1.261	1.300	0.4000	20.6	20.0	3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.4348	0.1000	20.3	20.0	1.6	50.0
Ethyl methacrylate	Ave	0.3535	0.3862		21.9	20.0	9.3	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2466	0.1000	21.3	20.0	6.4	20.0
Tetrachloroethene	Ave	0.3427	0.3659	0.2000	21.4	20.0	6.8	20.0
1,3-Dichloropropane	Ave	0.4697	0.4744		20.2	20.0	1.0	20.0
2-Hexanone	Ave	1.652	1.671	0.0500	101	100	1.2	50.0
Dibromochloromethane	Ave	0.3671	0.3534	0.1000	19.3	20.0	-3.7	50.0
n-Butyl acetate	Ave	0.0562	0.0582		20.7	20.0	3.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334020/2 Calibration Date: 11/09/2015 10:37

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89729.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.3238	0.1000	19.8	20.0	-0.9	20.0
Chlorobenzene	Ave	0.9432	0.8810	0.5000	18.7	20.0	-6.6	20.0
Ethylbenzene	Ave	0.4679	0.4632	0.1000	19.8	20.0	-1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3665		19.4	20.0	-3.2	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5518	0.1000	18.7	20.0	-6.4	20.0
o-Xylene	Ave	0.6067	0.6109	0.3000	20.1	20.0	0.7	20.0
n-Butyl acrylate	Ave	0.2490	0.3131		25.1	20.0	25.7*	20.0
Styrene	Ave	1.010	1.004	0.3000	19.9	20.0	-0.5	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.8482		23.3	20.0	16.3	20.0
Bromoform	Ave	0.2601	0.2477	0.1000	19.0	20.0	-4.8	20.0
Isopropylbenzene	Ave	1.232	1.260	0.1000	20.5	20.0	2.3	20.0
Bromobenzene	Ave	0.7516	0.6728		17.9	20.0	-10.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.6008	0.3000	19.0	20.0	-4.9	20.0
N-Propylbenzene	Ave	2.030	2.040		20.1	20.0	0.5	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.1822		17.2	20.0	-14.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1503		19.8	20.0	-0.9	20.0
2-Chlorotoluene	Ave	1.613	1.539		19.1	20.0	-4.5	20.0
4-Ethyltoluene	Ave	1.945	1.838		18.9	20.0	-5.5	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.509		18.5	20.0	-7.7	20.0
4-Chlorotoluene	Ave	1.503	1.459		19.4	20.0	-3.0	20.0
Butyl Methacrylate	Ave	0.7257	0.7116		19.6	20.0	-1.9	20.0
tert-Butylbenzene	Ave	1.255	1.127		18.0	20.0	-10.2	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.554		17.6	20.0	-12.1	20.0
sec-Butylbenzene	Ave	1.634	1.628		19.9	20.0	-0.4	20.0
1,3-Dichlorobenzene	Ave	1.175	1.070	0.6000	18.2	20.0	-8.9	20.0
4-Isopropyltoluene	Ave	1.509	1.437		19.0	20.0	-4.8	20.0
1,4-Dichlorobenzene	Ave	1.238	1.154	0.5000	18.6	20.0	-6.8	20.0
Benzyl chloride	Ave	1.258	1.201		19.1	20.0	-4.5	50.0
Indan	Ave	2.173	1.942		17.9	20.0	-10.6	20.0
p-Diethylbenzene	Ave	0.9151	0.8518		18.6	20.0	-6.9	20.0
n-Butylbenzene	Ave	1.394	1.446		20.7	20.0	3.7	20.0
1,2-Dichlorobenzene	Ave	1.242	1.114	0.4000	17.9	20.0	-10.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.521		18.4	20.0	-7.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.0952	0.0500	16.3	20.0	-18.7	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.7454		18.8	20.0	-6.1	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.7227	0.2000	19.2	20.0	-4.1	20.0
Hexachlorobutadiene	Ave	0.2962	0.3253		22.0	20.0	9.8	20.0
Naphthalene	Ave	2.029	1.672		16.5	20.0	-17.6	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.6109		17.6	20.0	-12.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2713		53.4	50.0	6.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2562		49.4	50.0	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334020/2 Calibration Date: 11/09/2015 10:37

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89729.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	0.9816	1.028		52.4	50.0	4.7	20.0
Bromofluorobenzene	Ave	0.4266	0.4289		50.3	50.0	0.5	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89729.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2015 10:37:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0033978-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 04:29:24 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK029

First Level Reviewer: boykink Date: 10-Nov-2015 04:29:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.068	0.000	85	10177	20.0	23.0	
2 Dichlorodifluoromethane	85	1.085	1.085	0.000	98	68989	20.0	21.4	
3 Chloromethane	50	1.192	1.192	0.000	99	45432	20.0	21.4	
4 Vinyl chloride	62	1.282	1.282	0.000	97	58131	20.0	23.2	
5 Butadiene	54	1.282	1.282	0.000	88	44097	20.0	22.9	
6 Bromomethane	94	1.505	1.505	0.000	99	48017	20.0	23.0	
7 Chloroethane	64	1.570	1.570	0.000	98	32260	20.0	22.6	
10 Trichlorofluoromethane	101	1.743	1.743	0.000	61	91034	20.0	22.0	
9 Dichlorofluoromethane	67	1.743	1.743	0.000	97	110818	20.0	24.1	
8 Pentane	72	1.752	1.752	0.000	96	12626	40.0	42.1	
12 Ethanol	46	1.933	1.933	0.000	60	900	800.0	411.8	
11 Ethyl ether	59	1.933	1.933	0.000	90	38647	20.0	22.4	
13 2-Methyl-1,3-butadiene	53	1.949	1.949	0.000	95	43557	20.0	23.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.015	0.000	94	50794	20.0	21.5	
15 Acrolein	56	2.105	2.105	0.000	35	14989	40.0	36.9	
17 1,1-Dichloroethene	96	2.114	2.114	0.000	98	56324	20.0	21.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.122	0.000	54	49422	20.0	21.6	
18 Acetone	43	2.221	2.221	0.000	76	43167	100.0	94.2	
19 Iodomethane	142	2.254	2.254	0.000	95	119845	20.0	21.8	
20 Carbon disulfide	76	2.270	2.270	0.000	98	180695	20.0	22.4	
21 Isopropyl alcohol	45	2.328	2.328	0.000	41	3925	200.0	93.7	
22 3-Chloro-1-propene	76	2.418	2.418	0.000	44	32444	20.0	22.7	
23 Cyclopentene	67	2.435	2.435	0.000	83	126523	20.0	22.5	
24 Methyl acetate	43	2.443	2.443	0.000	100	167190	100.0	110.4	
25 Acetonitrile	41	2.500	2.500	0.000	56	41451	200.0	234.3	
26 Methylene Chloride	84	2.550	2.550	0.000	86	60380	20.0	21.5	
* 27 TBA-d9 (IS)	65	2.583	2.583	0.000	92	152325	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.649	2.649	0.000	91	32328	200.0	206.2	
29 Methyl tert-butyl ether	73	2.714	2.714	0.000	96	151995	20.0	19.8	
30 trans-1,2-Dichloroethene	96	2.731	2.731	0.000	93	56611	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.813	2.813	0.000	94	153510	200.0	218.2	
32 Hexane	43	2.887	2.887	0.000	92	20326	20.0	25.0	
34 Isopropyl ether	45	3.126	3.126	0.000	96	147692	20.0	23.7	
33 1,1-Dichloroethane	63	3.134	3.134	0.000	99	93875	20.0	22.6	
36 Vinyl acetate	86	3.167	3.167	0.000	99	15341	40.0	51.2	
35 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	87	46312	20.0	19.9	
38 Tert-butyl ethyl ether	59	3.455	3.455	0.000	90	156840	20.0	21.3	
* 158 2-Butanone-d5	46	3.661	3.661	0.000	91	163579	250.0	250.0	
39 2,2-Dichloropropane	41	3.669	3.669	0.000	70	40290	20.0	21.1	
40 cis-1,2-Dichloroethene	96	3.694	3.694	0.000	93	62091	20.0	20.4	
41 2-Butanone (MEK)	72	3.727	3.727	0.000	100	20191	100.0	90.8	
42 Ethyl acetate	70	3.743	3.743	0.000	91	6111	40.0	36.1	
43 Methyl acrylate	55	3.784	3.784	0.000	64	32846	20.0	20.0	
44 Propionitrile	54	3.858	3.858	0.000	97	46978	200.0	226.0	
46 Tetrahydrofuran	72	3.932	3.932	0.000	63	10067	40.0	36.0	
45 Chlorobromomethane	128	3.932	3.932	0.000	73	33284	20.0	20.3	
47 Methacrylonitrile	67	3.965	3.965	0.000	90	180439	200.0	204.1	
48 Chloroform	83	4.015	4.015	0.000	99	90517	20.0	19.9	
49 Cyclohexane	84	4.122	4.122	0.000	89	58003	20.0	22.9	
50 1,1,1-Trichloroethane	97	4.138	4.138	0.000	99	78416	20.0	18.3	
$ 51 Dibromofluoromethane (Surr	113	4.188	4.188	0.000	91	117343	50.0	53.4	
52 Carbon tetrachloride	117	4.270	4.270	0.000	85	69095	20.0	19.9	
53 1,1-Dichloropropene	75	4.311	4.311	0.000	98	63911	20.0	20.5	
54 Isooctane	57	4.508	4.508	0.000	93	81915	20.0	27.9	
55 Benzene	78	4.525	4.525	0.000	94	193495	20.0	22.1	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.558	4.558	0.000	94	110784	50.0	49.4	
56 Isobutyl alcohol	43	4.558	4.558	0.000	1	24156	500.0	467.9	
58 Tert-amyl methyl ether	73	4.632	4.632	0.000	92	157003	20.0	19.5	
59 Isopropyl acetate	87	4.632	4.632	0.000	97	46434	20.0	18.2	
60 1,2-Dichloroethane	62	4.648	4.648	0.000	95	59903	20.0	16.8	
61 n-Heptane	57	4.739	4.739	0.000	89	15198	20.0	25.0	
* 62 Fluorobenzene	96	4.871	4.871	0.000	100	432483	50.0	50.0	
64 Trichloroethene	95	5.282	5.282	0.000	93	50391	20.0	20.6	
65 n-Butanol	56	5.397	5.397	0.000	40	16008	500.0	1277.4	
66 Methylcyclohexane	83	5.406	5.406	0.000	95	47624	20.0	23.2	
67 Ethyl acrylate	55	5.488	5.488	0.000	98	43915	20.0	19.3	
68 1,2-Dichloropropane	63	5.619	5.619	0.000	93	44673	20.0	21.2	
* 69 1,4-Dioxane-d8	96	5.702	5.702	0.000	87	16689	1000.0	1000.0	
72 Methyl methacrylate	100	5.768	5.768	0.000	87	24207	40.0	33.9	
70 Dibromomethane	93	5.776	5.776	0.000	75	30686	20.0	18.3	
71 1,4-Dioxane	88	5.776	5.776	0.000	28	3310	400.0	311.0	
73 n-Propyl acetate	43	5.858	5.858	0.000	98	46804	20.0	20.3	
74 Dichlorobromomethane	83	5.982	5.982	0.000	98	61430	20.0	19.3	
75 2-Nitropropane	41	6.393	6.393	0.000	90	19691	40.0	38.8	
76 2-Chloroethyl vinyl ether	63	6.426	6.426	0.000	92	25946	20.0	19.8	
77 Epichlorohydrin	57	6.533	6.533	0.000	98	67833	400.0	387.9	
78 cis-1,3-Dichloropropene	75	6.591	6.591	0.000	89	75271	20.0	21.5	
79 4-Methyl-2-pentanone (MIBK	43	6.805	6.805	0.000	95	183798	100.0	98.1	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	98	376711	50.0	52.4	
81 Toluene	91	6.936	6.936	0.000	93	190549	20.0	20.6	
82 trans-1,3-Dichloropropene	75	7.348	7.348	0.000	95	63726	20.0	20.3	
83 Ethyl methacrylate	69	7.397	7.397	0.000	87	56608	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	83	36144	20.0	21.3	
85 Tetrachloroethene	166	7.545	7.545	0.000	94	53627	20.0	21.4	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	92	69537	20.0	20.2	
87 2-Hexanone	43	7.809	7.809	0.000	95	109334	100.0	101.2	
88 Chlorodibromomethane	129	7.924	7.924	0.000	98	51792	20.0	19.3	
89 n-Butyl acetate	73	7.932	7.932	0.000	99	8524	20.0	20.7	
90 Ethylene Dibromide	107	8.039	8.039	0.000	95	47460	20.0	19.8	
* 91 Chlorobenzene-d5	117	8.483	8.483	0.000	84	366438	50.0	50.0	
92 Chlorobenzene	112	8.508	8.508	0.000	96	129133	20.0	18.7	
93 Ethylbenzene	106	8.599	8.599	0.000	97	67887	20.0	19.8	
94 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	95	53724	20.0	19.4	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	80877	20.0	18.7	
96 o-Xylene	106	9.092	9.092	0.000	96	89546	20.0	20.1	
97 n-Butyl acrylate	73	9.109	9.109	0.000	99	45889	20.0	25.1	
98 Styrene	104	9.125	9.125	0.000	98	147215	20.0	19.9	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	91	82586	20.0	23.3	
99 Bromoform	173	9.315	9.315	0.000	67	36302	20.0	19.0	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	184753	20.0	20.5	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	98	157173	50.0	50.3	
104 Bromobenzene	156	9.710	9.710	0.000	94	65513	20.0	17.9	
105 1,1,2,2-Tetrachloroethane	83	9.775	9.775	0.000	98	58496	20.0	19.0	
106 N-Propylbenzene	91	9.784	9.784	0.000	100	198593	20.0	20.1	
107 1,2,3-Trichloropropane	110	9.808	9.808	0.000	96	17736	20.0	17.2	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	78	14632	20.0	19.8	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	149886	20.0	19.1	
110 4-Ethyltoluene	105	9.882	9.882	0.000	98	178966	20.0	18.9	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	94	146923	20.0	18.5	
112 4-Chlorotoluene	91	9.973	9.973	0.000	95	142018	20.0	19.4	
113 Butyl Methacrylate	87	10.039	10.039	0.000	86	69288	20.0	19.6	
114 tert-Butylbenzene	119	10.195	10.195	0.000	96	109750	20.0	18.0	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	151333	20.0	17.6	
116 sec-Butylbenzene	105	10.376	10.376	0.000	99	158503	20.0	19.9	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	98	139931	20.0	19.0	
117 1,3-Dichlorobenzene	146	10.500	10.500	0.000	98	104226	20.0	18.2	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	243419	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.582	10.582	0.000	96	112358	20.0	18.6	
121 Benzyl chloride	91	10.705	10.705	0.000	99	116913	20.0	19.1	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	95	189105	20.0	17.9	
123 p-Diethylbenzene	119	10.804	10.804	0.000	96	82941	20.0	18.6	
124 n-Butylbenzene	91	10.829	10.829	0.000	98	140790	20.0	20.7	
125 1,2-Dichlorobenzene	146	10.886	10.886	0.000	98	108424	20.0	17.9	
126 1,2,4,5-Tetramethylbenzene	119	11.421	11.421	0.000	98	148129	20.0	18.4	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	86	9268	20.0	16.3	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	96	72576	20.0	18.8	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	91	70367	20.0	19.2	
131 Hexachlorobutadiene	225	12.187	12.187	0.000	97	31674	20.0	22.0	
132 Naphthalene	128	12.310	12.310	0.000	100	162794	20.0	16.5	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	95	59477	20.0	17.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 135 Xylenes, Total	100				0		40.0	38.8	

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 04:29:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89729.D

Injection Date: 09-Nov-2015 10:37:30 Instrument ID: CVOAMS2 Operator ID:

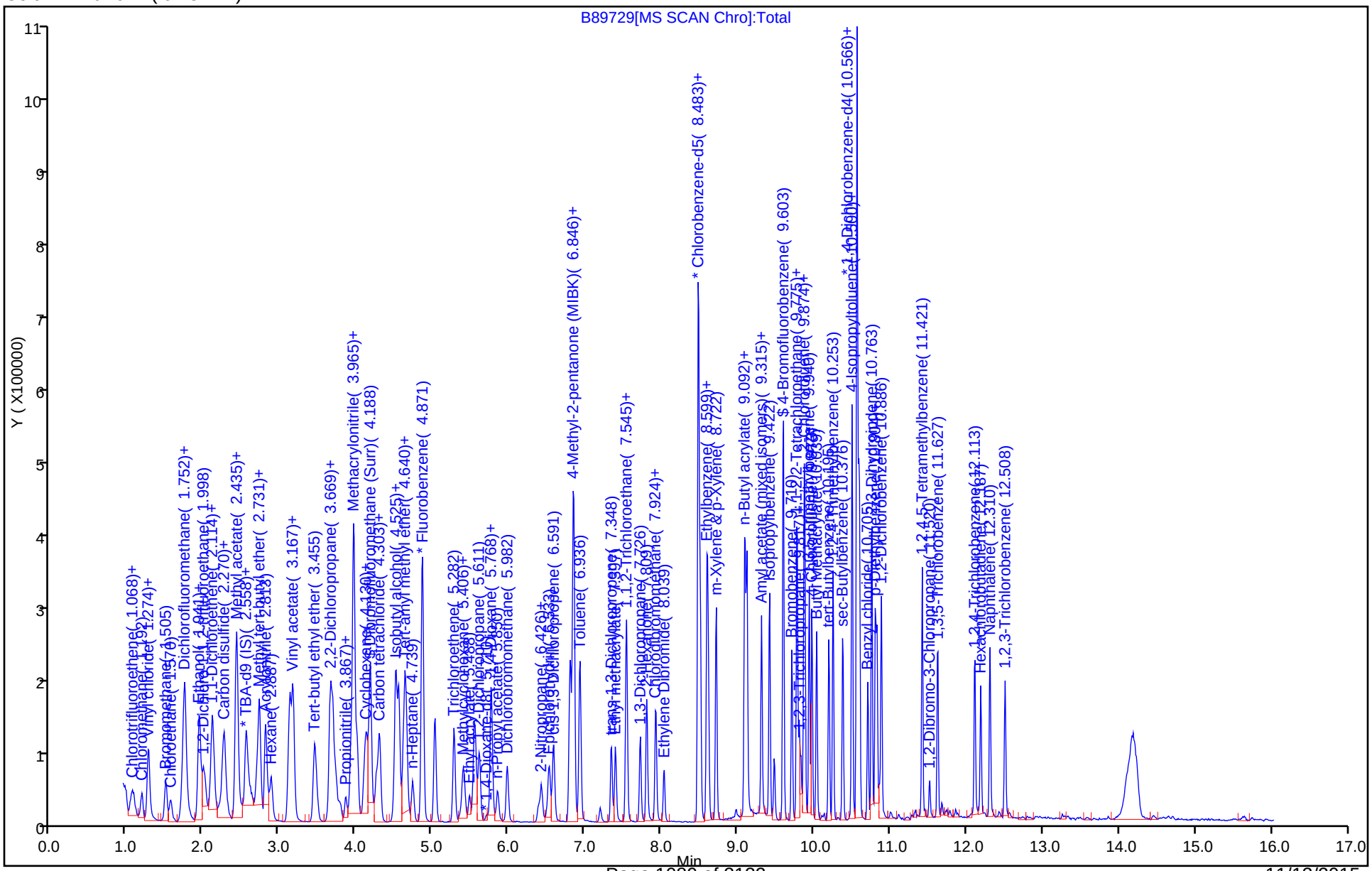
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334629/3 Calibration Date: 11/11/2015 09:36

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89840.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	Ave	0.0512	0.0422		16.5	20.0	-17.6	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3058	0.1000	16.4	20.0	-18.1	20.0
Chloromethane	Ave	0.2458	0.2394	0.1000	19.5	20.0	-2.6	20.0
Vinyl chloride	Ave	0.2896	0.2868	0.1000	19.8	20.0	-1.0	20.0
Butadiene	Ave	0.2228	0.2159		19.4	20.0	-3.1	20.0
Bromomethane	Ave	0.2413	0.2505	0.1000	20.8	20.0	3.8	50.0
Chloroethane	Ave	0.1654	0.1586	0.1000	19.2	20.0	-4.1	50.0
Trichlorofluoromethane	Ave	0.4781	0.4429	0.1000	18.5	20.0	-7.4	20.0
Dichlorofluoromethane	Ave	0.5313	0.5385		20.3	20.0	1.3	20.0
Pentane	QuaF	0.0314	0.0302		34.8	40.0	-13.1	20.0
Ethyl ether	Ave	0.1995	0.2098		21.0	20.0	5.2	20.0
Ethanol	Ave	0.0143	0.0135		752	800	-6.0	50.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2224		20.6	20.0	3.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.2838		20.8	20.0	3.9	20.0
Acrolein	Ave	2.665	2.463		37.0	40.0	-7.6	50.0
Freon TF	Ave	0.2641	0.2580	0.1000	19.5	20.0	-2.3	20.0
1,1-Dichloroethene	Ave	0.2993	0.2776	0.1000	18.6	20.0	-7.2	20.0
Acetone	Ave	0.7000	0.5268	0.0500	75.3	100	-24.7	50.0
Iodomethane	Ave	0.6369	0.6246		19.6	20.0	-1.9	20.0
Carbon disulfide	Ave	0.9313	0.9286	0.1000	19.9	20.0	-0.3	50.0
Isopropyl alcohol	QuaF	0.2995	0.1683		122	200	-38.9	50.0
Allyl chloride	Ave	0.1653	0.1591		19.3	20.0	-3.7	20.0
Cyclopentene	Ave	0.6510	0.6577		20.2	20.0	1.0	20.0
Methyl acetate	Ave	0.1750	0.1801	0.1000	103	100	2.9	20.0
Acetonitrile	Ave	0.0204	0.0190		186	200	-7.2	20.0
Methylene Chloride	Ave	0.3250	0.3042	0.1000	18.7	20.0	-6.4	20.0
2-Methyl-2-propanol	Ave	1.029	1.086		211	200	5.5	50.0
MTBE	Ave	0.8877	0.8034	0.1000	18.1	20.0	-9.5	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.3046	0.1000	18.8	20.0	-6.1	20.0
Acrylonitrile	QuaF		0.0813		200	200	-0.0	20.0
Hexane	Ave	0.0941	0.1087		23.1	20.0	15.5	20.0
Isopropyl ether	Ave	0.7190	0.7562		21.0	20.0	5.2	20.0
1,1-Dichloroethane	Ave	0.4811	0.4910	0.2000	20.4	20.0	2.1	20.0
Vinyl acetate	Ave	0.0346	0.0375		43.2	40.0	8.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2467		18.4	20.0	-8.2	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.8078		19.0	20.0	-5.1	20.0
2,2-Dichloropropane	QuaF	0.2638	0.2155		19.6	20.0	-2.2	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.3293	0.1000	18.7	20.0	-6.5	20.0
2-Butanone	Ave	0.3398	0.2831	0.0500	83.3	100	-16.7	50.0
Ethyl acetate	QuaF	0.2433	0.2572		39.7	40.0	-0.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334629/3 Calibration Date: 11/11/2015 09:36

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89840.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
Methyl acrylate	Ave	0.1898	0.1825		19.2	20.0	-3.9	20.0
Propionitrile	Ave	1.365	1.613		236	200	18.2	20.0
Tetrahydrofuran	Ave	0.4270	0.3733		35.0	40.0	-12.6	20.0
Bromochloromethane	Ave	0.1894	0.1833		19.4	20.0	-3.2	20.0
Methacrylonitrile	Ave	0.1022	0.0962		188	200	-5.8	20.0
Chloroform	Ave	0.5251	0.4813	0.2000	18.3	20.0	-8.4	20.0
Cyclohexane	Ave	0.2926	0.2876	0.1000	19.7	20.0	-1.7	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.4209	0.1000	17.0	20.0	-14.9	20.0
Carbon tetrachloride	Ave	0.4004	0.3408	0.1000	17.0	20.0	-14.9	20.0
1,1-Dichloropropene	Ave	0.3598	0.3342		18.6	20.0	-7.1	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.3429		20.2	20.0	1.0	20.0
Benzene	Ave	1.194	1.186	0.5000	19.9	20.0	-0.6	20.0
Isobutyl alcohol	Ave	0.3389	0.3179		469	500	-6.2	50.0
Tert-amyl methyl ether	Ave	0.9320	0.8432		18.1	20.0	-9.5	20.0
Isopropyl acetate	Ave	0.2946	0.2541		17.2	20.0	-13.8	20.0
1,2-Dichloroethane	Ave	0.4118	0.3298	0.1000	16.0	20.0	-19.9	20.0
n-Heptane	Ave	0.0703	0.0753		21.4	20.0	7.2	20.0
Trichloroethene	Ave	0.2825	0.2630	0.2000	18.6	20.0	-6.9	20.0
Methylcyclohexane	Ave	0.2378	0.2342	0.1000	19.7	20.0	-1.5	50.0
n-Butanol	Qua2	0.1038	0.2450		1470	500	193.7*	50.0
Ethyl acrylate	Ave	0.2624	0.2413		18.4	20.0	-8.1	20.0
1,2-Dichloropropane	Ave	0.2431	0.2479	0.1000	20.4	20.0	2.0	20.0
Methyl methacrylate	Ave	0.0825	0.0705		34.2	40.0	-14.6	20.0
1,4-Dioxane	QuaF	0.6285	0.9461		595	400	48.9	50.0
Dibromomethane	Ave	0.1937	0.1596		16.5	20.0	-17.6	20.0
n-Propyl acetate	Ave	0.2671	0.2505		18.8	20.0	-6.2	20.0
Bromodichloromethane	Ave	0.3685	0.3307	0.2000	17.9	20.0	-10.3	20.0
2-Nitropropane	Ave	0.0587	0.0531		36.2	40.0	-9.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1422		18.8	20.0	-6.0	20.0
Epichlorohydrin	QuaF		0.2397		359	400	-10.3	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.4409	0.2000	18.5	20.0	-7.5	50.0
4-Methyl-2-pentanone	Ave	2.865	2.740	0.0500	95.6	100	-4.4	50.0
Toluene	Ave	1.261	1.248	0.4000	19.8	20.0	-1.0	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.3956	0.1000	18.5	20.0	-7.5	50.0
Ethyl methacrylate	Ave	0.3535	0.3541		20.0	20.0	0.2	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2311	0.1000	19.9	20.0	-0.3	20.0
Tetrachloroethene	Ave	0.3427	0.3367	0.2000	19.6	20.0	-1.8	20.0
1,3-Dichloropropane	Ave	0.4697	0.4319		18.4	20.0	-8.0	20.0
2-Hexanone	Ave	1.652	1.603	0.0500	97.1	100	-2.9	50.0
Dibromochloromethane	Ave	0.3671	0.3212	0.1000	17.5	20.0	-12.5	50.0
n-Butyl acetate	Ave	0.0562	0.0553		19.7	20.0	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334629/3 Calibration Date: 11/11/2015 09:36

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89840.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.2833	0.1000	17.4	20.0	-13.2	20.0
Chlorobenzene	Ave	0.9432	0.8600	0.5000	18.2	20.0	-8.8	20.0
Ethylbenzene	Ave	0.4679	0.4278	0.1000	18.3	20.0	-8.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3247		17.2	20.0	-14.2	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5374	0.1000	18.2	20.0	-8.9	20.0
o-Xylene	Ave	0.6067	0.5469	0.3000	18.0	20.0	-9.9	20.0
n-Butyl acrylate	Ave	0.2490	0.2386		19.2	20.0	-4.1	20.0
Styrene	Ave	1.010	0.9148	0.3000	18.1	20.0	-9.4	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.8068		22.1	20.0	10.6	20.0
Bromoform	Ave	0.2601	0.2360	0.1000	18.1	20.0	-9.3	20.0
Isopropylbenzene	Ave	1.232	1.109	0.1000	18.0	20.0	-10.0	20.0
Bromobenzene	Ave	0.7516	0.6613		17.6	20.0	-12.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.5514	0.3000	17.5	20.0	-12.7	20.0
N-Propylbenzene	Ave	2.030	1.890		18.6	20.0	-6.9	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.1781		16.8	20.0	-16.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1444		19.0	20.0	-4.8	20.0
2-Chlorotoluene	Ave	1.613	1.452		18.0	20.0	-10.0	20.0
4-Ethyltoluene	Ave	1.945	1.741		17.9	20.0	-10.5	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.443		17.6	20.0	-11.8	20.0
4-Chlorotoluene	Ave	1.503	1.466		19.5	20.0	-2.5	20.0
Butyl Methacrylate	Ave	0.7257	0.6884		19.0	20.0	-5.1	20.0
tert-Butylbenzene	Ave	1.255	1.053		16.8	20.0	-16.1	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.563		17.7	20.0	-11.6	20.0
sec-Butylbenzene	Ave	1.634	1.472		18.0	20.0	-9.9	20.0
4-Isopropyltoluene	Ave	1.509	1.378		18.3	20.0	-8.7	20.0
1,3-Dichlorobenzene	Ave	1.175	1.017	0.6000	17.3	20.0	-13.5	20.0
1,4-Dichlorobenzene	Ave	1.238	1.109	0.5000	17.9	20.0	-10.4	20.0
Benzyl chloride	Ave	1.258	1.138		18.1	20.0	-9.5	50.0
Indan	Ave	2.173	1.921		17.7	20.0	-11.6	20.0
p-Diethylbenzene	Ave	0.9151	0.7948		17.4	20.0	-13.1	20.0
n-Butylbenzene	Ave	1.394	1.301		18.7	20.0	-6.7	20.0
1,2-Dichlorobenzene	Ave	1.242	1.088	0.4000	17.5	20.0	-12.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.380		16.7	20.0	-16.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.0896	0.0500	15.3	20.0	-23.4	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.6992		17.6	20.0	-11.9	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.6727	0.2000	17.8	20.0	-10.8	20.0
Hexachlorobutadiene	Ave	0.2962	0.3063		20.7	20.0	3.4	20.0
Naphthalene	Ave	2.029	1.527		15.1	20.0	-24.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.5796		16.7	20.0	-16.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2567		50.6	50.0	1.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2378		45.9	50.0	-8.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334629/3 Calibration Date: 11/11/2015 09:36

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89840.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	0.9816	0.9851		50.2	50.0	0.4	20.0
Bromofluorobenzene	Ave	0.4266	0.4184		49.0	50.0	-1.9	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89840.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 09:36:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034104-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 15:21:28 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: martineze Date: 11-Nov-2015 10:02:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.093	1.093	0.000	83	8936	20.0	16.5	
2 Dichlorodifluoromethane	85	1.101	1.101	0.000	99	64712	20.0	16.4	
3 Chloromethane	50	1.217	1.217	0.000	99	50659	20.0	19.5	
4 Vinyl chloride	62	1.299	1.299	0.000	96	60694	20.0	19.8	
5 Butadiene	54	1.307	1.307	0.000	90	45682	20.0	19.4	
6 Bromomethane	94	1.537	1.537	0.000	99	53007	20.0	20.8	
7 Chloroethane	64	1.587	1.587	0.000	99	33564	20.0	19.2	
10 Trichlorofluoromethane	101	1.751	1.751	0.000	92	93729	20.0	18.5	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	97	113948	20.0	20.3	
8 Pentane	72	1.784	1.784	0.000	93	12770	40.0	34.8	
11 Ethyl ether	59	1.957	1.957	0.000	95	44402	20.0	21.0	
12 Ethanol	46	1.974	1.974	0.000	71	1854	800.0	751.8	
13 2-Methyl-1,3-butadiene	53	1.982	1.982	0.000	97	47072	20.0	20.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.039	2.039	0.000	87	60063	20.0	20.8	
15 Acrolein	56	2.130	2.130	0.000	37	16930	40.0	37.0	
16 1,1,2-Trichloro-1,2,2-trif	101	2.138	2.138	0.000	52	54599	20.0	19.5	
17 1,1-Dichloroethene	96	2.155	2.155	0.000	97	58739	20.0	18.6	
18 Acetone	43	2.253	2.253	0.000	87	42219	100.0	75.3	
19 Iodomethane	142	2.286	2.286	0.000	97	132181	20.0	19.6	
20 Carbon disulfide	76	2.311	2.311	0.000	98	196502	20.0	19.9	
21 Isopropyl alcohol	45	2.369	2.369	0.000	47	5785	200.0	122.2	
22 3-Chloro-1-propene	76	2.459	2.459	0.000	49	33667	20.0	19.3	
23 Cyclopentene	67	2.467	2.467	0.000	84	139171	20.0	20.2	
24 Methyl acetate	43	2.476	2.476	0.000	100	190575	100.0	102.9	
25 Acetonitrile	41	2.541	2.541	0.000	70	40168	200.0	185.6	
26 Methylene Chloride	84	2.583	2.583	0.000	91	64373	20.0	18.7	
* 27 TBA-d9 (IS)	65	2.624	2.624	0.000	89	171867	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.690	2.690	0.000	52	37337	200.0	211.0	
29 Methyl tert-butyl ether	73	2.747	2.747	0.000	95	170019	20.0	18.1	
30 trans-1,2-Dichloroethene	96	2.764	2.764	0.000	91	64447	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.854	2.854	0.000	95	172120	200.0	199.9	
32 Hexane	43	2.920	2.920	0.000	92	23007	20.0	23.1	
34 Isopropyl ether	45	3.159	3.159	0.000	92	160028	20.0	21.0	
33 1,1-Dichloroethane	63	3.175	3.175	0.000	98	103905	20.0	20.4	
36 Vinyl acetate	86	3.208	3.208	0.000	99	15849	40.0	43.2	
35 2-Chloro-1,3-butadiene	88	3.216	3.216	0.000	82	52204	20.0	18.4	
38 Tert-butyl ethyl ether	59	3.488	3.488	0.000	89	170932	20.0	19.0	
39 2,2-Dichloropropane	41	3.685	3.685	0.000	73	45603	20.0	19.6	
* 158 2-Butanone-d5	46	3.702	3.702	0.000	91	200349	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.727	3.727	0.000	95	69680	20.0	18.7	
41 2-Butanone (MEK)	72	3.768	3.768	0.000	97	22691	100.0	83.3	
42 Ethyl acetate	70	3.776	3.776	0.000	93	8243	40.0	39.7	
43 Methyl acrylate	55	3.825	3.825	0.000	99	38611	20.0	19.2	
44 Propionitrile	54	3.899	3.899	0.000	97	55458	200.0	236.4	
46 Tetrahydrofuran	72	3.965	3.965	0.000	66	11965	40.0	35.0	
45 Chlorobromomethane	128	3.973	3.973	0.000	79	38783	20.0	19.4	
47 Methacrylonitrile	67	4.006	4.006	0.000	90	203605	200.0	188.3	
48 Chloroform	83	4.056	4.056	0.000	99	101844	20.0	18.3	
49 Cyclohexane	84	4.163	4.163	0.000	88	60855	20.0	19.7	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	96	89077	20.0	17.0	
$ 51 Dibromofluoromethane (Surr	113	4.220	4.220	0.000	92	135807	50.0	50.6	
52 Carbon tetrachloride	117	4.303	4.303	0.000	97	72124	20.0	17.0	
53 1,1-Dichloropropene	75	4.344	4.344	0.000	97	70722	20.0	18.6	
54 Isooctane	57	4.541	4.541	0.000	93	72572	20.0	20.2	
55 Benzene	78	4.558	4.558	0.000	96	218455	20.0	19.9	
56 Isobutyl alcohol	43	4.582	4.582	0.000	43	27319	500.0	469.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.599	4.599	0.000	95	125806	50.0	45.9	
58 Tert-amyl methyl ether	73	4.665	4.665	0.000	94	178433	20.0	18.1	
59 Isopropyl acetate	87	4.673	4.673	0.000	89	53767	20.0	17.2	
60 1,2-Dichloroethane	62	4.681	4.681	0.000	97	69800	20.0	16.0	
61 n-Heptane	57	4.780	4.780	0.000	86	15940	20.0	21.4	
* 62 Fluorobenzene	96	4.903	4.903	0.000	99	529038	50.0	50.0	
64 Trichloroethene	95	5.323	5.323	0.000	94	55646	20.0	18.6	
65 n-Butanol	56	5.438	5.438	0.000	46	21055	500.0	1468.6	
66 Methylcyclohexane	83	5.438	5.438	0.000	94	49550	20.0	19.7	
67 Ethyl acrylate	55	5.521	5.521	0.000	97	51056	20.0	18.4	
68 1,2-Dichloropropane	63	5.652	5.652	0.000	91	52450	20.0	20.4	
* 69 1,4-Dioxane-d8	96	5.751	5.751	0.000	84	16428	1000.0	1000.0	
72 Methyl methacrylate	100	5.800	5.800	0.000	86	29830	40.0	34.2	
70 Dibromomethane	93	5.817	5.817	0.000	81	33781	20.0	16.5	
71 1,4-Dioxane	88	5.817	5.817	0.000	30	6217	400.0	595.5	
73 n-Propyl acetate	43	5.891	5.891	0.000	99	53006	20.0	18.8	
74 Dichlorobromomethane	83	6.014	6.014	0.000	99	69975	20.0	17.9	
75 2-Nitropropane	41	6.426	6.426	0.000	98	22459	40.0	36.2	
76 2-Chloroethyl vinyl ether	63	6.459	6.459	0.000	94	30096	20.0	18.8	
77 Epichlorohydrin	57	6.566	6.566	0.000	97	76828	400.0	358.6	
78 cis-1,3-Dichloropropene	75	6.623	6.623	0.000	90	81189	20.0	18.5	
79 4-Methyl-2-pentanone (MIBK	43	6.837	6.837	0.000	96	219572	100.0	95.6	
$ 80 Toluene-d8 (Surr)	98	6.879	6.879	0.000	97	453476	50.0	50.2	
81 Toluene	91	6.969	6.969	0.000	93	229761	20.0	19.8	
82 trans-1,3-Dichloropropene	75	7.372	7.372	0.000	95	72847	20.0	18.5	
83 Ethyl methacrylate	69	7.430	7.430	0.000	88	65192	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.570	7.570	0.000	91	42559	20.0	19.9	
85 Tetrachloroethene	166	7.578	7.578	0.000	92	61992	20.0	19.6	
86 1,3-Dichloropropane	76	7.751	7.751	0.000	91	79530	20.0	18.4	
87 2-Hexanone	43	7.833	7.833	0.000	96	128474	100.0	97.1	
88 Chlorodibromomethane	129	7.948	7.948	0.000	97	59140	20.0	17.5	
89 n-Butyl acetate	73	7.957	7.957	0.000	99	10183	20.0	19.7	
90 Ethylene Dibromide	107	8.064	8.064	0.000	99	52169	20.0	17.4	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	83	460335	50.0	50.0	
92 Chlorobenzene	112	8.533	8.533	0.000	97	158346	20.0	18.2	
93 Ethylbenzene	106	8.623	8.623	0.000	97	78773	20.0	18.3	
94 1,1,1,2-Tetrachloroethane	131	8.640	8.640	0.000	96	59796	20.0	17.2	
95 m-Xylene & p-Xylene	106	8.747	8.747	0.000	95	98948	20.0	18.2	
96 o-Xylene	106	9.117	9.117	0.000	95	100698	20.0	18.0	
97 n-Butyl acrylate	73	9.125	9.125	0.000	97	43941	20.0	19.2	
98 Styrene	104	9.150	9.150	0.000	96	168446	20.0	18.1	
100 Amyl acetate (mixed isomer	43	9.331	9.331	0.000	92	95036	20.0	22.1	
99 Bromoform	173	9.339	9.339	0.000	67	43455	20.0	18.1	
101 Isopropylbenzene	105	9.438	9.438	0.000	95	204199	20.0	18.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	97	192603	50.0	49.0	
104 Bromobenzene	156	9.734	9.734	0.000	88	77900	20.0	17.6	
105 1,1,2,2-Tetrachloroethane	83	9.800	9.800	0.000	97	64947	20.0	17.5	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	222625	20.0	18.6	
107 1,2,3-Trichloropropane	110	9.825	9.825	0.000	94	20973	20.0	16.8	
108 trans-1,4-Dichloro-2-buten	53	9.849	9.849	0.000	86	17006	20.0	19.0	
109 2-Chlorotoluene	91	9.891	9.891	0.000	97	171052	20.0	18.0	
110 4-Ethyltoluene	105	9.899	9.899	0.000	98	205042	20.0	17.9	
111 1,3,5-Trimethylbenzene	105	9.965	9.965	0.000	93	169944	20.0	17.6	
112 4-Chlorotoluene	91	9.998	9.998	0.000	96	172701	20.0	19.5	
113 Butyl Methacrylate	87	10.055	10.055	0.000	87	81089	20.0	19.0	
114 tert-Butylbenzene	119	10.220	10.220	0.000	96	124055	20.0	16.8	
115 1,2,4-Trimethylbenzene	105	10.269	10.269	0.000	96	184055	20.0	17.7	
116 sec-Butylbenzene	105	10.401	10.401	0.000	99	173422	20.0	18.0	
118 4-Isopropyltoluene	119	10.516	10.516	0.000	97	162306	20.0	18.3	
117 1,3-Dichlorobenzene	146	10.524	10.524	0.000	97	119753	20.0	17.3	
* 119 1,4-Dichlorobenzene-d4	152	10.590	10.590	0.000	93	294486	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	97	130649	20.0	17.9	
121 Benzyl chloride	91	10.730	10.730	0.000	99	134055	20.0	18.1	
122 2,3-Dihydroindene	117	10.779	10.779	0.000	94	226227	20.0	17.7	
123 p-Diethylbenzene	119	10.829	10.829	0.000	94	93628	20.0	17.4	
124 n-Butylbenzene	91	10.845	10.845	0.000	99	153288	20.0	18.7	
125 1,2-Dichlorobenzene	146	10.903	10.903	0.000	99	128153	20.0	17.5	
126 1,2,4,5-Tetramethylbenzene	119	11.438	11.438	0.000	98	162539	20.0	16.7	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	90	10557	20.0	15.3	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	96	82358	20.0	17.6	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	93	79240	20.0	17.8	
131 Hexachlorobutadiene	225	12.211	12.211	0.000	97	36080	20.0	20.7	
132 Naphthalene	128	12.335	12.335	0.000	100	179880	20.0	15.1	
133 1,2,3-Trichlorobenzene	180	12.532	12.532	0.000	95	68274	20.0	16.7	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.5	
S 135 Xylenes, Total	100				0		40.0	36.2	

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

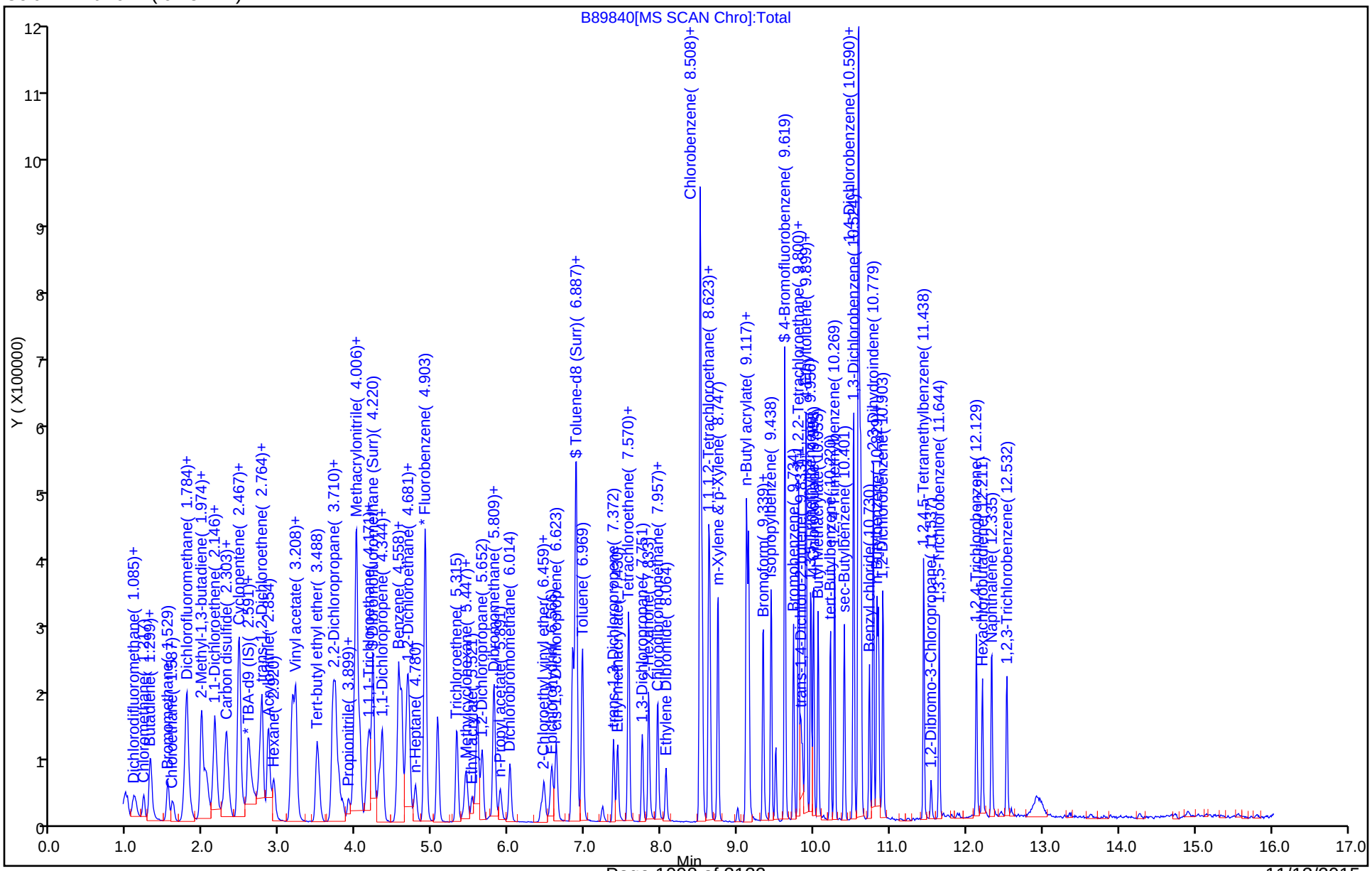
Report Date: 11-Nov-2015 15:21:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89840.D

Injection Date:	11-Nov-2015 09:36:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334781/2 Calibration Date: 11/11/2015 21:58

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89869.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	Ave	0.0512	0.0462		18.0	20.0	-9.9	20.0
Dichlorodifluoromethane	Ave	0.3735	0.3038	0.1000	16.3	20.0	-18.7	20.0
Chloromethane	Ave	0.2458	0.2568	0.1000	20.9	20.0	4.5	20.0
Vinyl chloride	Ave	0.2896	0.2708	0.1000	18.7	20.0	-6.5	20.0
Butadiene	Ave	0.2228	0.1808		16.2	20.0	-18.9	20.0
Bromomethane	Ave	0.2413	0.2508	0.1000	20.8	20.0	3.9	50.0
Chloroethane	Ave	0.1654	0.1658	0.1000	20.1	20.0	0.3	50.0
Trichlorofluoromethane	Ave	0.4781	0.4341	0.1000	18.2	20.0	-9.2	20.0
Dichlorofluoromethane	Ave	0.5313	0.5275		19.9	20.0	-0.7	20.0
Pentane	QuaF	0.0314	0.0316		36.4	40.0	-8.9	20.0
Ethyl ether	Ave	0.1995	0.2155		21.6	20.0	8.1	20.0
Ethanol	Ave	0.0143	0.0121		676	800	-15.5	50.0
2-Methyl-1,3-butadiene	Ave	0.2155	0.2213		20.5	20.0	2.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2731	0.2930		21.5	20.0	7.3	20.0
Acrolein	Ave	2.665	2.522		37.9	40.0	-5.4	50.0
1,1-Dichloroethene	Ave	0.2993	0.2910	0.1000	19.5	20.0	-2.7	20.0
Freon TF	Ave	0.2641	0.2480	0.1000	18.8	20.0	-6.1	20.0
Acetone	Ave	0.7000	0.6826	0.0500	97.5	100	-2.5	50.0
Iodomethane	Ave	0.6369	0.6626		20.8	20.0	4.0	20.0
Carbon disulfide	Ave	0.9313	0.9358	0.1000	20.1	20.0	0.5	50.0
Isopropyl alcohol	QuaF	0.2995	0.1581		115	200	-42.6	50.0
Allyl chloride	Ave	0.1653	0.1802		21.8	20.0	9.0	20.0
Cyclopentene	Ave	0.6510	0.6616		20.3	20.0	1.6	20.0
Methyl acetate	Ave	0.1750	0.1777	0.1000	102	100	1.5	20.0
Acetonitrile	Ave	0.0204	0.0260		254	200	27.2*	20.0
Methylene Chloride	Ave	0.3250	0.3292	0.1000	20.3	20.0	1.3	20.0
2-Methyl-2-propanol	Ave	1.029	1.048		204	200	1.8	50.0
MTBE	Ave	0.8877	0.8151	0.1000	18.4	20.0	-8.2	20.0
trans-1,2-Dichloroethene	Ave	0.3242	0.3193	0.1000	19.7	20.0	-1.5	20.0
Acrylonitrile	QuaF		0.0810		199	200	-0.4	20.0
Hexane	Ave	0.0941	0.1062		22.6	20.0	12.9	20.0
Isopropyl ether	Ave	0.7190	0.8240		22.9	20.0	14.6	20.0
1,1-Dichloroethane	Ave	0.4811	0.5071	0.2000	21.1	20.0	5.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2686	0.2635		19.6	20.0	-1.9	20.0
Vinyl acetate	Ave	0.0346	0.0396		45.8	40.0	14.4	20.0
Tert-butyl ethyl ether	Ave	0.8511	0.8257		19.4	20.0	-3.0	20.0
2,2-Dichloropropane	QuaF	0.2638	0.1949		17.7	20.0	-11.6	20.0
cis-1,2-Dichloroethene	Ave	0.3523	0.3497	0.1000	19.9	20.0	-0.7	20.0
2-Butanone	Ave	0.3398	0.2887	0.0500	85.0	100	-15.0	50.0
Ethyl acetate	QuaF	0.2433	0.2471		38.1	40.0	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334781/2 Calibration Date: 11/11/2015 21:58

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89869.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
Methyl acrylate	Ave	0.1898	0.1734		18.3	20.0	-8.7	20.0
Propionitrile	Ave	1.365	1.707		250	200	25.1*	20.0
Tetrahydrofuran	Ave	0.4270	0.3760		35.2	40.0	-11.9	20.0
Bromochloromethane	Ave	0.1894	0.1811		19.1	20.0	-4.4	20.0
Methacrylonitrile	Ave	0.1022	0.0960		188	200	-6.1	20.0
Chloroform	Ave	0.5251	0.4980	0.2000	19.0	20.0	-5.2	20.0
Cyclohexane	Ave	0.2926	0.2748	0.1000	18.8	20.0	-6.1	50.0
1,1,1-Trichloroethane	Ave	0.4944	0.4121	0.1000	16.7	20.0	-16.7	20.0
Carbon tetrachloride	Ave	0.4004	0.3578	0.1000	17.9	20.0	-10.6	20.0
1,1-Dichloropropene	Ave	0.3598	0.3361		18.7	20.0	-6.6	20.0
2,2,4-Trimethylpentane	Ave	0.3394	0.3219		19.0	20.0	-5.2	20.0
Benzene	Ave	1.194	1.231	0.5000	20.6	20.0	3.1	20.0
Isobutyl alcohol	Ave	0.3389	0.2079		307	500	-38.7	50.0
Tert-amyl methyl ether	Ave	0.9320	0.8311		17.8	20.0	-10.8	20.0
1,2-Dichloroethane	Ave	0.4118	0.3299	0.1000	16.0	20.0	-19.9	20.0
Isopropyl acetate	Ave	0.2946	0.2541		17.2	20.0	-13.8	20.0
n-Heptane	Ave	0.0703	0.0730		20.8	20.0	3.8	20.0
Trichloroethene	Ave	0.2825	0.2691	0.2000	19.1	20.0	-4.7	20.0
n-Butanol	Qua2	0.1038	0.2451		1470	500	193.8*	50.0
Methylcyclohexane	Ave	0.2378	0.2382	0.1000	20.0	20.0	0.2	50.0
Ethyl acrylate	Ave	0.2624	0.2284		17.4	20.0	-13.0	20.0
1,2-Dichloropropane	Ave	0.2431	0.2393	0.1000	19.7	20.0	-1.6	20.0
Methyl methacrylate	Ave	0.0825	0.0670		32.5	40.0	-18.8	20.0
1,4-Dioxane	QuaF	0.6285	0.3747		235	400	-41.3	50.0
Dibromomethane	Ave	0.1937	0.1689		17.4	20.0	-12.8	20.0
n-Propyl acetate	Ave	0.2671	0.2463		18.4	20.0	-7.8	20.0
Bromodichloromethane	Ave	0.3685	0.3354	0.2000	18.2	20.0	-9.0	20.0
2-Nitropropane	Ave	0.0587	0.0505		34.4	40.0	-14.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1513	0.1420		18.8	20.0	-6.1	20.0
Epichlorohydrin	QuaF		0.2538		380	400	-5.0	20.0
cis-1,3-Dichloropropene	Ave	0.4768	0.4940	0.2000	20.7	20.0	3.6	50.0
4-Methyl-2-pentanone	Ave	2.865	2.560	0.0500	89.3	100	-10.7	50.0
Toluene	Ave	1.261	1.299	0.4000	20.6	20.0	3.0	20.0
trans-1,3-Dichloropropene	Ave	0.4279	0.4198	0.1000	19.6	20.0	-1.9	50.0
Ethyl methacrylate	Ave	0.3535	0.3371		19.1	20.0	-4.6	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2292	0.1000	19.8	20.0	-1.1	20.0
Tetrachloroethene	Ave	0.3427	0.3524	0.2000	20.6	20.0	2.8	20.0
1,3-Dichloropropane	Ave	0.4697	0.4566		19.4	20.0	-2.8	20.0
2-Hexanone	Ave	1.652	1.559	0.0500	94.4	100	-5.6	50.0
Dibromochloromethane	Ave	0.3671	0.3354	0.1000	18.3	20.0	-8.6	50.0
n-Butyl acetate	Ave	0.0562	0.0490		17.4	20.0	-12.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334781/2 Calibration Date: 11/11/2015 21:58

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89869.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	0.3266	0.3135	0.1000	19.2	20.0	-4.0	20.0
Chlorobenzene	Ave	0.9432	0.8953	0.5000	19.0	20.0	-5.1	20.0
Ethylbenzene	Ave	0.4679	0.4515	0.1000	19.3	20.0	-3.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3786	0.3493		18.4	20.0	-7.8	20.0
m-Xylene & p-Xylene	Ave	0.5898	0.5357	0.1000	18.2	20.0	-9.2	20.0
o-Xylene	Ave	0.6067	0.5586	0.3000	18.4	20.0	-7.9	20.0
n-Butyl acrylate	Ave	0.2490	0.2341		18.8	20.0	-6.0	20.0
Styrene	Ave	1.010	0.9506	0.3000	18.8	20.0	-5.8	20.0
Amyl acetate (mixed isomers)	Ave	0.7292	0.7872		21.6	20.0	8.0	20.0
Bromoform	Ave	0.2601	0.2356	0.1000	18.1	20.0	-9.4	20.0
Isopropylbenzene	Ave	1.232	1.178	0.1000	19.1	20.0	-4.4	20.0
Bromobenzene	Ave	0.7516	0.6984		18.6	20.0	-7.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6315	0.5817	0.3000	18.4	20.0	-7.9	20.0
N-Propylbenzene	Ave	2.030	1.995		19.7	20.0	-1.7	20.0
1,2,3-Trichloropropane	Ave	0.2122	0.1918		18.1	20.0	-9.6	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1516	0.1481		19.5	20.0	-2.3	20.0
2-Chlorotoluene	Ave	1.613	1.513		18.8	20.0	-6.2	20.0
4-Ethyltoluene	Ave	1.945	1.800		18.5	20.0	-7.5	20.0
1,3,5-Trimethylbenzene	Ave	1.636	1.505		18.4	20.0	-8.0	20.0
4-Chlorotoluene	Ave	1.503	1.477		19.7	20.0	-1.7	20.0
Butyl Methacrylate	Ave	0.7257	0.6924		19.1	20.0	-4.6	20.0
tert-Butylbenzene	Ave	1.255	1.171		18.7	20.0	-6.7	20.0
1,2,4-Trimethylbenzene	Ave	1.768	1.626		18.4	20.0	-8.0	20.0
sec-Butylbenzene	Ave	1.634	1.563		19.1	20.0	-4.4	20.0
1,3-Dichlorobenzene	Ave	1.175	1.117	0.6000	19.0	20.0	-4.9	20.0
4-Isopropyltoluene	Ave	1.509	1.469		19.5	20.0	-2.6	20.0
1,4-Dichlorobenzene	Ave	1.238	1.171	0.5000	18.9	20.0	-5.4	20.0
Benzyl chloride	Ave	1.258	1.168		18.6	20.0	-7.1	50.0
Indan	Ave	2.173	1.985		18.3	20.0	-8.6	20.0
p-Diethylbenzene	Ave	0.9151	0.8520		18.6	20.0	-6.9	20.0
n-Butylbenzene	Ave	1.394	1.425		20.4	20.0	2.2	20.0
1,2-Dichlorobenzene	Ave	1.242	1.091	0.4000	17.6	20.0	-12.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.651	1.469		17.8	20.0	-11.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1171	0.0827	0.0500	14.1	20.0	-29.3	50.0
1,3,5-Trichlorobenzene	Ave	0.7935	0.7108		17.9	20.0	-10.4	20.0
1,2,4-Trichlorobenzene	Ave	0.7539	0.6443	0.2000	17.1	20.0	-14.5	20.0
Hexachlorobutadiene	Ave	0.2962	0.3160		21.3	20.0	6.7	20.0
Naphthalene	Ave	2.029	1.420		14.0	20.0	-30.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6945	0.5079		14.6	20.0	-26.9*	20.0
Dibromofluoromethane (Surr)	Ave	0.2539	0.2482		48.9	50.0	-2.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2592	0.2344		45.2	50.0	-9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334781/2 Calibration Date: 11/11/2015 21:58

Instrument ID: CVOAMS2 Calib Start Date: 10/31/2015 13:26

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/31/2015 15:49

Lab File ID: B89869.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	0.9816	0.9781		49.8	50.0	-0.4	20.0
Bromofluorobenzene	Ave	0.4266	0.4123		48.3	50.0	-3.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89869.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 21:58:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034133-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260W_2*sub58

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 09:51:06 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: boykink Date: 11-Nov-2015 22:27:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.077	0.000	84	9708	20.0	18.0	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	98	63851	20.0	16.3	
3 Chloromethane	50	1.209	1.209	0.000	99	53979	20.0	20.9	
4 Vinyl chloride	62	1.291	1.291	0.000	97	56929	20.0	18.7	
5 Butadiene	54	1.299	1.299	0.000	80	37995	20.0	16.2	
6 Bromomethane	94	1.529	1.529	0.000	99	52721	20.0	20.8	
7 Chloroethane	64	1.595	1.595	0.000	100	34856	20.0	20.1	
10 Trichlorofluoromethane	101	1.752	1.752	0.000	95	91254	20.0	18.2	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	97	110892	20.0	19.9	
8 Pentane	72	1.785	1.785	0.000	95	13289	40.0	36.4	
11 Ethyl ether	59	1.957	1.957	0.000	94	45309	20.0	21.6	
12 Ethanol	46	1.966	1.966	0.000	67	1477	800.0	676.2	
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	96	46520	20.0	20.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	89	61596	20.0	21.5	
15 Acrolein	56	2.122	2.122	0.000	35	15357	40.0	37.9	
17 1,1-Dichloroethene	96	2.138	2.138	0.000	94	61180	20.0	19.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.147	2.147	0.000	44	52126	20.0	18.8	
18 Acetone	43	2.229	2.229	0.000	86	52206	100.0	97.5	
19 Iodomethane	142	2.270	2.270	0.000	96	139288	20.0	20.8	
20 Carbon disulfide	76	2.303	2.303	0.000	99	196718	20.0	20.1	
21 Isopropyl alcohol	45	2.385	2.385	0.000	43	4812	200.0	114.8	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	44	37871	20.0	21.8	
23 Cyclopentene	67	2.459	2.459	0.000	82	139082	20.0	20.3	
24 Methyl acetate	43	2.468	2.468	0.000	98	186777	100.0	101.5	
25 Acetonitrile	41	2.517	2.517	0.000	70	54672	200.0	254.4	
26 Methylene Chloride	84	2.583	2.583	0.000	86	69205	20.0	20.3	
* 27 TBA-d9 (IS)	65	2.608	2.608	0.000	92	152227	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.665	0.000	63	31914	200.0	203.6	
29 Methyl tert-butyl ether	73	2.739	2.739	0.000	96	171350	20.0	18.4	
30 trans-1,2-Dichloroethene	96	2.756	2.756	0.000	91	67121	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	2.838	2.838	0.000	97	170365	200.0	199.2	
32 Hexane	43	2.920	2.920	0.000	90	22324	20.0	22.6	
34 Isopropyl ether	45	3.151	3.151	0.000	94	173218	20.0	22.9	
33 1,1-Dichloroethane	63	3.159	3.159	0.000	99	106603	20.0	21.1	
36 Vinyl acetate	86	3.200	3.200	0.000	100	16663	40.0	45.8	
35 2-Chloro-1,3-butadiene	88	3.200	3.200	0.000	87	55386	20.0	19.6	
38 Tert-butyl ethyl ether	59	3.480	3.480	0.000	89	173568	20.0	19.4	
39 2,2-Dichloropropane	41	3.677	3.677	0.000	66	40962	20.0	17.7	
* 158 2-Butanone-d5	46	3.686	3.686	0.000	93	191212	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.719	3.719	0.000	94	73509	20.0	19.9	
41 2-Butanone (MEK)	72	3.743	3.743	0.000	97	22084	100.0	85.0	
42 Ethyl acetate	70	3.768	3.768	0.000	92	7559	40.0	38.1	
43 Methyl acrylate	55	3.817	3.817	0.000	65	36447	20.0	18.3	
44 Propionitrile	54	3.891	3.891	0.000	97	51969	200.0	250.2	
46 Tetrahydrofuran	72	3.949	3.949	0.000	75	11504	40.0	35.2	
45 Chlorobromomethane	128	3.957	3.957	0.000	76	38076	20.0	19.1	
47 Methacrylonitrile	67	3.990	3.990	0.000	90	201798	200.0	187.9	
48 Chloroform	83	4.040	4.040	0.000	98	104676	20.0	19.0	
49 Cyclohexane	84	4.138	4.138	0.000	87	57762	20.0	18.8	
50 1,1,1-Trichloroethane	97	4.171	4.171	0.000	96	86619	20.0	16.7	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.212	0.000	92	130409	50.0	48.9	
52 Carbon tetrachloride	117	4.295	4.295	0.000	94	75223	20.0	17.9	
53 1,1-Dichloropropene	75	4.336	4.336	0.000	96	70656	20.0	18.7	
54 Isooctane	57	4.525	4.525	0.000	91	67658	20.0	19.0	
55 Benzene	78	4.550	4.550	0.000	95	221451	20.0	20.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.583	0.000	95	123190	50.0	45.2	
56 Isobutyl alcohol	43	4.583	4.583	0.000	1	15823	500.0	306.7	
58 Tert-amyl methyl ether	73	4.665	4.665	0.000	89	174712	20.0	17.8	
59 Isopropyl acetate	87	4.673	4.673	0.000	80	53408	20.0	17.2	
60 1,2-Dichloroethane	62	4.673	4.673	0.000	96	69356	20.0	16.0	
61 n-Heptane	57	4.764	4.764	0.000	87	15336	20.0	20.8	
* 62 Fluorobenzene	96	4.895	4.895	0.000	100	525528	50.0	50.0	
64 Trichloroethene	95	5.307	5.307	0.000	93	56571	20.0	19.1	
65 n-Butanol	56	5.422	5.422	0.000	47	18652	500.0	1468.8	
66 Methylcyclohexane	83	5.430	5.430	0.000	94	50073	20.0	20.0	
67 Ethyl acrylate	55	5.513	5.513	0.000	96	48019	20.0	17.4	
68 1,2-Dichloropropane	63	5.636	5.636	0.000	90	50295	20.0	19.7	
* 69 1,4-Dioxane-d8	96	5.743	5.743	0.000	93	18142	1000.0	1000.0	
72 Methyl methacrylate	100	5.792	5.792	0.000	90	28157	40.0	32.5	
70 Dibromomethane	93	5.801	5.801	0.000	87	35508	20.0	17.4	
71 1,4-Dioxane	88	5.801	5.801	0.000	30	2719	400.0	234.8	
73 n-Propyl acetate	43	5.883	5.883	0.000	98	51778	20.0	18.4	
74 Dichlorobromomethane	83	6.006	6.006	0.000	98	70495	20.0	18.2	
75 2-Nitropropane	41	6.410	6.410	0.000	99	21219	40.0	34.4	
76 2-Chloroethyl vinyl ether	63	6.459	6.459	0.000	94	29848	20.0	18.8	
77 Epichlorohydrin	57	6.558	6.558	0.000	98	77655	400.0	379.9	
78 cis-1,3-Dichloropropene	75	6.615	6.615	0.000	88	88873	20.0	20.7	
79 4-Methyl-2-pentanone (MIBK	43	6.829	6.829	0.000	93	195773	100.0	89.3	
$ 80 Toluene-d8 (Surr)	98	6.871	6.871	0.000	98	439940	50.0	49.8	
81 Toluene	91	6.953	6.953	0.000	92	233662	20.0	20.6	
82 trans-1,3-Dichloropropene	75	7.364	7.364	0.000	94	75529	20.0	19.6	
83 Ethyl methacrylate	69	7.422	7.422	0.000	87	60651	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	7.562	7.562	0.000	94	41243	20.0	19.8	
85 Tetrachloroethene	166	7.562	7.562	0.000	93	63394	20.0	20.6	
86 1,3-Dichloropropane	76	7.743	7.743	0.000	91	82157	20.0	19.4	
87 2-Hexanone	43	7.825	7.825	0.000	95	119224	100.0	94.4	
88 Chlorodibromomethane	129	7.940	7.940	0.000	97	60341	20.0	18.3	
89 n-Butyl acetate	73	7.949	7.949	0.000	90	8809	20.0	17.4	
90 Ethylene Dibromide	107	8.056	8.056	0.000	96	56412	20.0	19.2	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	84	449792	50.0	50.0	
92 Chlorobenzene	112	8.533	8.533	0.000	98	161070	20.0	19.0	
93 Ethylbenzene	106	8.615	8.615	0.000	97	81235	20.0	19.3	
94 1,1,1,2-Tetrachloroethane	131	8.632	8.632	0.000	95	62840	20.0	18.4	
95 m-Xylene & p-Xylene	106	8.739	8.739	0.000	96	96376	20.0	18.2	
96 o-Xylene	106	9.109	9.109	0.000	94	100505	20.0	18.4	
97 n-Butyl acrylate	73	9.126	9.126	0.000	98	42115	20.0	18.8	
98 Styrene	104	9.142	9.142	0.000	97	171028	20.0	18.8	
100 Amyl acetate (mixed isomer	43	9.331	9.331	0.000	92	89473	20.0	21.6	
99 Bromoform	173	9.331	9.331	0.000	66	42388	20.0	18.1	
101 Isopropylbenzene	105	9.438	9.438	0.000	95	211875	20.0	19.1	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	96	185442	50.0	48.3	
104 Bromobenzene	156	9.726	9.726	0.000	89	79371	20.0	18.6	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.792	0.000	98	66111	20.0	18.4	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	226727	20.0	19.7	
107 1,2,3-Trichloropropane	110	9.825	9.825	0.000	97	21795	20.0	18.1	
108 trans-1,4-Dichloro-2-buten	53	9.850	9.850	0.000	81	16828	20.0	19.5	
109 2-Chlorotoluene	91	9.891	9.891	0.000	97	171968	20.0	18.8	
110 4-Ethyltoluene	105	9.899	9.899	0.000	97	204531	20.0	18.5	
111 1,3,5-Trimethylbenzene	105	9.957	9.957	0.000	95	171075	20.0	18.4	
112 4-Chlorotoluene	91	9.990	9.990	0.000	95	167835	20.0	19.7	
113 Butyl Methacrylate	87	10.055	10.055	0.000	88	78699	20.0	19.1	
114 tert-Butylbenzene	119	10.212	10.212	0.000	96	133095	20.0	18.7	
115 1,2,4-Trimethylbenzene	105	10.269	10.269	0.000	96	184811	20.0	18.4	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	177608	20.0	19.1	
118 4-Isopropyltoluene	119	10.516	10.516	0.000	98	166978	20.0	19.5	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	126937	20.0	19.0	
* 119 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	92	284136	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.599	10.599	0.000	96	133067	20.0	18.9	
121 Benzyl chloride	91	10.722	10.722	0.000	99	132755	20.0	18.6	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	95	225653	20.0	18.3	
123 p-Diethylbenzene	119	10.821	10.821	0.000	95	96836	20.0	18.6	
124 n-Butylbenzene	91	10.846	10.846	0.000	97	161919	20.0	20.4	
125 1,2-Dichlorobenzene	146	10.903	10.903	0.000	98	123997	20.0	17.6	
126 1,2,4,5-Tetramethylbenzene	119	11.438	11.438	0.000	98	166987	20.0	17.8	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	92	9400	20.0	14.1	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	96	80785	20.0	17.9	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	93	73227	20.0	17.1	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	97	35916	20.0	21.3	
132 Naphthalene	128	12.327	12.327	0.000	100	161394	20.0	14.0	
133 1,2,3-Trichlorobenzene	180	12.524	12.524	0.000	95	57728	20.0	14.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 135 Xylenes, Total	100				0		40.0	36.6	

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

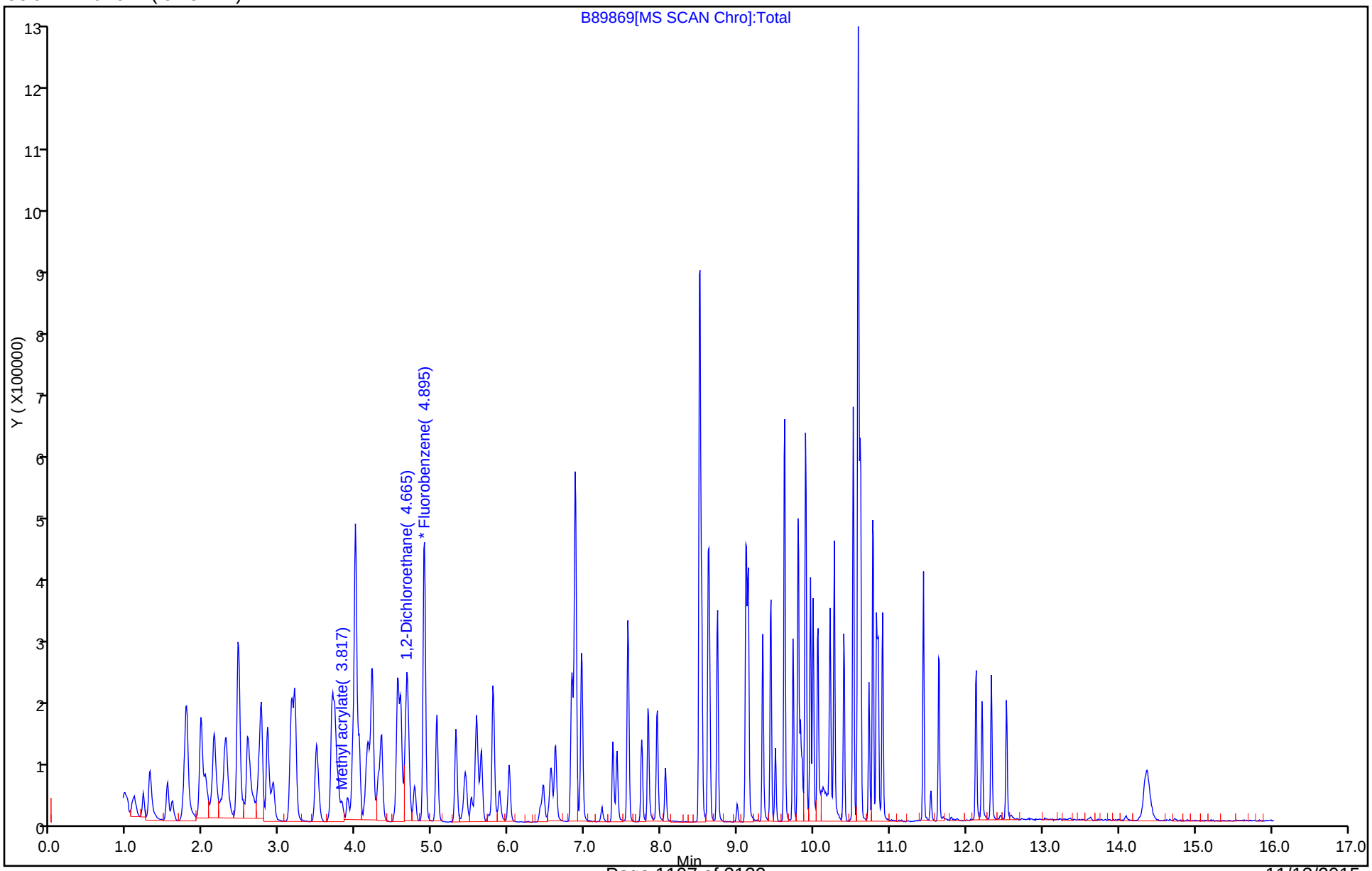
Report Date: 12-Nov-2015 09:51:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89869.D

Injection Date:	11-Nov-2015 21:58:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334049/3 Calibration Date: 11/09/2015 10:47

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46831.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
Chlorotrifluoroethene	Ave	0.0872	0.0897		20.6	20.0	2.9	20.0
Dichlorodifluoromethane	Ave	0.5318	0.5807	0.1000	21.8	20.0	9.2	20.0
Chloromethane	Ave	0.6083	0.7205	0.1000	23.7	20.0	18.4	20.0
Vinyl chloride	Ave	0.5401	0.6269	0.1000	23.2	20.0	16.1	20.0
Butadiene	Ave	0.4515	0.5155		22.8	20.0	14.2	20.0
Bromomethane	Ave	0.2596	0.2820	0.1000	21.7	20.0	8.6	50.0
Chloroethane	Ave	0.1930	0.2418	0.1000	25.0	20.0	25.2	50.0
Trichlorofluoromethane	Ave	0.5537	0.6270	0.1000	22.6	20.0	13.2	20.0
Dichlorofluoromethane	Ave	0.7837	0.9403		24.0	20.0	20.0	20.0
Pentane	Ave	0.0606	0.0664		43.8	40.0	9.6	20.0
Ethanol	QuaF		0.0800		1090	800	35.6	50.0
Ethyl ether	Ave	0.2784	0.2901		20.8	20.0	4.2	20.0
2-Methyl-1,3-butadiene	Ave	0.3354	0.3724		22.2	20.0	11.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2859	0.3143		22.0	20.0	9.9	20.0
Acrolein	Ave	1.717	1.617		282	300	-5.9	50.0
Freon TF	Ave	0.3855	0.4385	0.1000	22.8	20.0	13.8	20.0
1,1-Dichloroethene	Ave	0.3177	0.3449	0.1000	21.7	20.0	8.5	20.0
Acetone	Qua2		1.404	0.0500	119	100	19.0	50.0
Iodomethane	Ave	0.5986	0.6493		21.7	20.0	8.5	20.0
Isopropyl alcohol	Ave	0.8320	0.9577		230	200	15.1	50.0
Carbon disulfide	Ave	1.285	1.407	0.1000	21.9	20.0	9.5	50.0
Allyl chloride	Ave	0.2058	0.2228		21.6	20.0	8.2	20.0
Methyl acetate	Ave	0.3192	0.3469	0.1000	109	100	8.7	20.0
Cyclopentene	Ave	0.9003	1.023		22.7	20.0	13.6	20.0
Acetonitrile	Ave	2.002	2.106		210	200	5.2	20.0
Methylene Chloride	Ave	0.3814	0.4058	0.1000	21.3	20.0	6.4	20.0
2-Methyl-2-propanol	Lin2		1.494		227	200	13.5	50.0
MTBE	Ave	0.9865	1.057	0.1000	21.4	20.0	7.2	20.0
trans-1,2-Dichloroethene	Ave	0.3394	0.3576	0.1000	21.1	20.0	5.4	20.0
Acrylonitrile	Ave	0.1323	0.1426		216	200	7.8	20.0
Hexane	Ave	0.3709	0.4092		22.1	20.0	10.3	20.0
Isopropyl ether	Ave	1.291	1.412		21.9	20.0	9.3	20.0
1,1-Dichloroethane	Ave	0.6908	0.7447	0.2000	21.6	20.0	7.8	20.0
Vinyl acetate	Ave	0.6474	0.6912		42.7	40.0	6.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2998	0.3183		21.2	20.0	6.2	20.0
Tert-butyl ethyl ether	Ave	1.114	1.190		21.4	20.0	6.8	20.0
2,2-Dichloropropane	Ave	0.1871	0.1921		20.5	20.0	2.7	20.0
cis-1,2-Dichloroethene	Ave	0.3840	0.3931	0.1000	20.5	20.0	2.4	20.0
2-Butanone	Lin2		0.3875	0.0500	110	100	9.6	50.0
Ethyl acetate	Qua2		7.132		44.1	40.0	10.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334049/3 Calibration Date: 11/09/2015 10:47

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46831.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
Methyl acrylate	Ave	0.2950	0.2994		20.3	20.0	1.5	20.0
Propionitrile	Ave	1.659	1.708		206	200	3.0	20.0
Bromochloromethane	Ave	0.1799	0.1848		20.5	20.0	2.7	20.0
Tetrahydrofuran	Qua2		0.4302		41.1	40.0	2.8	20.0
Methacrylonitrile	Ave	0.1332	0.1413		212	200	6.1	20.0
Chloroform	Ave	0.6248	0.6493	0.2000	20.8	20.0	3.9	20.0
Cyclohexane	Ave	0.6834	0.7562	0.1000	22.1	20.0	10.7	50.0
1,1,1-Trichloroethane	Ave	0.5385	0.5629	0.1000	20.9	20.0	4.5	20.0
Carbon tetrachloride	Ave	0.4559	0.4762	0.1000	20.9	20.0	4.5	20.0
1,1-Dichloropropene	Ave	0.4901	0.4921		20.1	20.0	0.4	20.0
Isobutyl alcohol	Ave	0.5251	0.5797		552	500	10.4	50.0
Benzene	Ave	2.127	2.102	0.5000	19.8	20.0	-1.2	20.0
Isopropyl acetate	Ave	1.027	1.082		21.1	20.0	5.3	20.0
Tert-amyl methyl ether	Ave	1.069	1.091		20.4	20.0	2.1	20.0
1,2-Dichloroethane	Ave	0.4785	0.4793	0.1000	20.0	20.0	0.2	20.0
n-Heptane	Ave	0.3214	0.3226		20.1	20.0	0.4	20.0
n-Butanol	Ave	0.3776	0.3274		434	500	-13.3	50.0
Trichloroethene	Ave	0.3482	0.3359	0.2000	19.3	20.0	-3.5	20.0
Ethyl acrylate	Ave	0.9490	0.998		21.0	20.0	5.2	20.0
Methylcyclohexane	Ave	0.6409	0.6788	0.1000	21.2	20.0	5.9	50.0
1,2-Dichloropropane	Ave	0.3888	0.3760	0.1000	19.3	20.0	-3.3	20.0
Methyl methacrylate	Ave	0.3027	0.3038		40.1	40.0	0.4	20.0
1,4-Dioxane	QuaF		1.558		484	400	21.0	50.0
n-Propyl acetate	Lin2		0.5401		21.5	20.0	7.5	20.0
Dibromomethane	Ave	0.2130	0.2106		19.8	20.0	-1.1	20.0
Bromodichloromethane	Ave	0.4490	0.4354	0.2000	19.4	20.0	-3.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1880	0.1801		19.2	20.0	-4.2	20.0
2-Nitropropane	Ave	0.0898	0.0843		37.6	40.0	-6.1	20.0
Epichlorohydrin	Ave	0.3003	0.2989		398	400	-0.5	20.0
cis-1,3-Dichloropropene	Ave	0.7960	0.7799	0.2000	19.6	20.0	-2.0	50.0
4-Methyl-2-pentanone	Ave	3.520	3.491	0.0500	99.2	100	-0.8	50.0
Toluene	Ave	2.113	2.020	0.4000	19.1	20.0	-4.4	20.0
trans-1,3-Dichloropropene	Ave	0.6688	0.6598	0.1000	19.7	20.0	-1.3	50.0
Ethyl methacrylate	Ave	0.5485	0.4921		17.9	20.0	-10.3	20.0
1,1,2-Trichloroethane	Ave	0.3626	0.3534	0.1000	19.5	20.0	-2.5	20.0
Tetrachloroethene	Ave	0.4884	0.4815	0.2000	19.7	20.0	-1.4	20.0
1,3-Dichloropropane	Ave	0.6884	0.6796		19.7	20.0	-1.3	20.0
2-Hexanone	Ave	2.308	2.427	0.0500	105	100	5.2	50.0
n-Butyl acetate	Ave	0.6157	0.5824		18.9	20.0	-5.4	20.0
Dibromochloromethane	Ave	0.4529	0.4346	0.1000	19.2	20.0	-4.0	50.0
1,2-Dibromoethane	Ave	0.3958	0.3774	0.1000	19.1	20.0	-4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334049/3 Calibration Date: 11/09/2015 10:47

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46831.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
Chlorobenzene	Ave	1.297	1.260	0.5000	19.4	20.0	-2.9	20.0
Ethylbenzene	Ave	0.7122	0.6624	0.1000	18.6	20.0	-7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4986	0.4726		19.0	20.0	-5.2	20.0
m-Xylene & p-Xylene	Ave	0.8731	0.8131	0.1000	18.6	20.0	-6.9	20.0
n-Butyl acrylate	Ave	0.3164	0.2810		17.8	20.0	-11.2	20.0
o-Xylene	Ave	0.9253	0.8596	0.3000	18.6	20.0	-7.1	20.0
Styrene	Ave	1.345	1.292	0.3000	19.2	20.0	-3.9	20.0
Amyl acetate (mixed isomers)	Ave	1.733	1.632		18.8	20.0	-5.8	20.0
Bromoform	Ave	0.2761	0.2551	0.1000	18.5	20.0	-7.6	20.0
Isopropylbenzene	Ave	2.387	2.226	0.1000	18.7	20.0	-6.7	20.0
Bromobenzene	Ave	1.042	0.9876		19.0	20.0	-5.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.165	1.058	0.3000	18.2	20.0	-9.2	20.0
N-Propylbenzene	Ave	5.408	5.055		18.7	20.0	-6.5	20.0
1,2,3-Trichloropropane	Ave	0.2786	0.2620		18.8	20.0	-6.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3135	0.3085		19.7	20.0	-1.6	20.0
2-Chlorotoluene	Ave	3.637	3.402		18.7	20.0	-6.5	20.0
4-Ethyltoluene	Ave	4.300	4.157		19.3	20.0	-3.3	20.0
1,3,5-Trimethylbenzene	Ave	3.838	3.598		18.8	20.0	-6.2	20.0
4-Chlorotoluene	Ave	3.101	2.973		19.2	20.0	-4.1	20.0
Butyl Methacrylate	Ave	1.153	1.037		18.0	20.0	-10.1	20.0
tert-Butylbenzene	Ave	3.048	2.950		19.4	20.0	-3.2	20.0
1,2,4-Trimethylbenzene	Ave	3.906	3.644		18.7	20.0	-6.7	20.0
sec-Butylbenzene	Ave	5.033	4.830		19.2	20.0	-4.0	20.0
4-Isopropyltoluene	Ave	4.213	4.042		19.2	20.0	-4.1	20.0
1,3-Dichlorobenzene	Ave	2.015	1.970	0.6000	19.5	20.0	-2.3	20.0
1,4-Dichlorobenzene	Ave	2.014	1.957	0.5000	19.4	20.0	-2.8	20.0
Benzyl chloride	Ave	1.955	1.794		18.3	20.0	-8.3	50.0
Indan	Ave	3.963	3.705		18.7	20.0	-6.5	20.0
p-Diethylbenzene	Ave	2.473	2.383		19.3	20.0	-3.6	20.0
n-Butylbenzene	Ave	5.015	4.897		19.5	20.0	-2.4	20.0
1,2-Dichlorobenzene	Ave	2.052	1.937	0.4000	18.9	20.0	-5.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.236	3.953		18.7	20.0	-6.7	20.0
1,2-Dibromo-3-Chloropropane	Qua2		0.2166	0.0500	19.2	20.0	-3.9	50.0
1,3,5-Trichlorobenzene	Ave	1.792	1.712		19.1	20.0	-4.4	20.0
1,2,4-Trichlorobenzene	Ave	1.714	1.623	0.2000	18.9	20.0	-5.3	20.0
Hexachlorobutadiene	Ave	0.8189	0.7883		19.3	20.0	-3.7	20.0
Naphthalene	Qua2		4.061		20.2	20.0	1.1	50.0
1,2,3-Trichlorobenzene	Qua2		1.713		21.4	20.0	6.9	20.0
Dibromofluoromethane (Surr)	Ave	0.3019	0.3197		52.9	50.0	5.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3247	0.3286		50.6	50.0	1.2	20.0
Toluene-d8 (Surr)	Ave	1.479	1.504		50.8	50.0	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334049/3 Calibration Date: 11/09/2015 10:47

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46831.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
Bromofluorobenzene	Ave	0.4851	0.4935		50.9	50.0	1.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46831.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2015 10:47:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0033985-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:54:25 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: delpolitov Date: 09-Nov-2015 16:54:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.537	1.537	0.000	91	14495	20.0	20.6	
2 Dichlorodifluoromethane	85	1.569	1.569	0.000	99	93877	20.0	21.8	
3 Chloromethane	50	1.757	1.757	0.000	99	116473	20.0	23.7	
4 Vinyl chloride	62	1.853	1.853	0.000	68	101337	20.0	23.2	
5 Butadiene	54	1.858	1.858	0.000	96	83331	20.0	22.8	
6 Bromomethane	94	2.147	2.147	0.000	98	45591	20.0	21.7	
7 Chloroethane	64	2.211	2.211	0.000	99	39081	20.0	25.0	
9 Trichlorofluoromethane	101	2.388	2.388	0.000	96	101360	20.0	22.6	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	99	152007	20.0	24.0	
10 Pentane	72	2.431	2.431	0.000	98	21475	40.0	43.8	
11 Ethanol	46	2.623	2.623	0.000	85	16554	800.0	1085.0	
12 Ethyl ether	59	2.629	2.629	0.000	91	46901	20.0	20.8	
13 2-Methyl-1,3-butadiene	53	2.650	2.650	0.000	98	60206	20.0	22.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	97	50800	20.0	22.0	
15 Acrolein	56	2.811	2.811	0.000	97	125518	300.0	282.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	95	70890	20.0	22.8	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	94	55749	20.0	21.7	
18 Acetone	43	2.928	2.928	0.000	86	125185	100.0	119.0	
19 Iodomethane	142	3.003	3.003	0.000	99	104954	20.0	21.7	
21 Carbon disulfide	76	3.041	3.041	0.000	100	227442	20.0	21.9	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	96	36017	20.0	21.6	
20 Isopropyl alcohol	45	3.009	3.009	0.000	1	49574	200.0	230.2	
23 Methyl acetate	43	3.174	3.174	0.000	99	280365	100.0	108.7	
24 Cyclopentene	67	3.190	3.190	0.000	95	165318	20.0	22.7	
* 26 TBA-d9 (IS)	65	3.281	3.281	0.000	100	258822	1000.0	1000.0	
27 Methylene Chloride	84	3.297	3.297	0.000	99	65601	20.0	21.3	
28 2-Methyl-2-propanol	59	3.351	3.351	0.000	98	77339	200.0	226.9	
25 Acetonitrile	41	3.233	3.233	0.000	92	109019	200.0	210.4	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	98	170914	20.0	21.4	
30 trans-1,2-Dichloroethene	96	3.490	3.490	0.000	99	57804	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.560	3.560	0.000	93	230543	200.0	215.6	
32 Hexane	43	3.645	3.645	0.000	93	66154	20.0	22.1	
34 Isopropyl ether	45	3.854	3.854	0.000	98	228235	20.0	21.9	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	120383	20.0	21.6	
36 Vinyl acetate	43	3.897	3.897	0.000	100	223473	40.0	42.7	
37 2-Chloro-1,3-butadiene	88	3.939	3.939	0.000	93	51458	20.0	21.2	
38 Tert-butyl ethyl ether	59	4.175	4.175	0.000	88	192381	20.0	21.4	
* 39 2-Butanone-d5	46	4.373	4.373	0.000	98	222898	250.0	250.0	
40 2,2-Dichloropropane	79	4.399	4.399	0.000	96	31051	20.0	20.5	
41 cis-1,2-Dichloroethene	96	4.421	4.421	0.000	93	63553	20.0	20.5	
42 Ethyl acetate	43	4.432	4.432	0.000	93	254340	40.0	44.1	
43 2-Butanone (MEK)	72	4.432	4.432	0.000	96	34549	100.0	109.6	
44 Methyl acrylate	55	4.485	4.485	0.000	99	48402	20.0	20.3	
45 Propionitrile	54	4.565	4.565	0.000	97	88425	200.0	205.9	
66 Tetrahydrofuran	72	4.651	4.651	0.000	62	15343	40.0	41.1	
46 Chlorobromomethane	128	4.651	4.651	0.000	93	29881	20.0	20.5	
47 Methacrylonitrile	67	4.672	4.672	0.000	95	228403	200.0	212.1	
48 Chloroform	83	4.704	4.704	0.000	98	104959	20.0	20.8	
49 Cyclohexane	56	4.843	4.843	0.000	97	122250	20.0	22.1	
50 1,1,1-Trichloroethane	97	4.854	4.854	0.000	93	91002	20.0	20.9	
$ 51 Dibromofluoromethane (Surr	113	4.860	4.860	0.000	0	129186	50.0	52.9	
52 Carbon tetrachloride	117	4.977	4.977	0.000	98	76978	20.0	20.9	
53 1,1-Dichloropropene	75	5.004	5.004	0.000	95	79548	20.0	20.1	
54 Isobutyl alcohol	43	5.106	5.106	0.000	97	75024	500.0	552.0	
55 Benzene	78	5.207	5.207	0.000	97	233918	20.0	19.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.218	5.218	0.000	96	132778	50.0	50.6	
57 Isopropyl acetate	43	5.255	5.255	0.000	95	174932	20.0	21.1	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	95	176404	20.0	20.4	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	96	77479	20.0	20.0	
60 n-Heptane	57	5.357	5.357	0.000	97	52153	20.0	20.1	
* 61 Fluorobenzene	96	5.496	5.496	0.000	99	404137	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	93	42370	500.0	433.6	
64 Trichloroethene	95	5.855	5.855	0.000	97	54307	20.0	19.3	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	161389	20.0	21.0	
67 Methylcyclohexane	83	5.983	5.983	0.000	92	109737	20.0	21.2	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	90	60777	20.0	19.3	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	92	22532	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	93	98218	40.0	40.1	
71 1,4-Dioxane	88	6.256	6.256	0.000	46	14045	400.0	484.0	
72 n-Propyl acetate	43	6.266	6.266	0.000	99	87315	20.0	21.5	
73 Dibromomethane	93	6.283	6.283	0.000	95	34045	20.0	19.8	
74 Dichlorobromomethane	83	6.427	6.427	0.000	98	70386	20.0	19.4	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	71	29114	20.0	19.2	
75 2-Nitropropane	41	6.764	6.764	0.000	81	27266	40.0	37.6	
77 Epichlorohydrin	57	6.871	6.871	0.000	99	106609	400.0	398.1	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	95	86790	20.0	19.6	
79 4-Methyl-2-pentanone (MIBK	43	7.090	7.090	0.000	98	311279	100.0	99.2	
$ 80 Toluene-d8 (Surr)	98	7.181	7.181	0.000	99	418286	50.0	50.8	
81 Toluene	91	7.262	7.262	0.000	93	224818	20.0	19.1	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	73422	20.0	19.7	
83 Ethyl methacrylate	69	7.631	7.631	0.000	94	54760	20.0	17.9	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	39330	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.877	7.877	0.000	97	53582	20.0	19.7	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	96	75625	20.0	19.7	
87 2-Hexanone	43	8.096	8.096	0.000	99	216429	100.0	105.2	
88 n-Butyl acetate	43	8.208	8.208	0.000	97	64810	20.0	18.9	
89 Chlorodibromomethane	129	8.273	8.273	0.000	97	48357	20.0	19.2	
90 Ethylene Dibromide	107	8.438	8.438	0.000	98	42000	20.0	19.1	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	89	278204	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	94	140194	20.0	19.4	
93 Ethylbenzene	106	9.123	9.123	0.000	99	73711	20.0	18.6	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	52589	20.0	19.0	
95 m-Xylene & p-Xylene	106	9.262	9.262	0.000	97	90485	20.0	18.6	
96 n-Butyl acrylate	73	9.664	9.664	0.000	95	31266	20.0	17.8	
97 o-Xylene	106	9.690	9.690	0.000	93	95656	20.0	18.6	
98 Styrene	104	9.717	9.717	0.000	95	143807	20.0	19.2	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	89	97075	20.0	18.8	
100 Bromoform	173	9.915	9.915	0.000	95	28389	20.0	18.5	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	247754	20.0	18.7	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	92	137281	50.0	50.9	
104 Bromobenzene	156	10.311	10.311	0.000	98	58744	20.0	19.0	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	62926	20.0	18.2	
106 N-Propylbenzene	91	10.364	10.364	0.000	99	300667	20.0	18.7	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	97	15585	20.0	18.8	
108 trans-1,4-Dichloro-2-buten	53	10.396	10.396	0.000	87	18351	20.0	19.7	
109 2-Chlorotoluene	91	10.455	10.455	0.000	96	202372	20.0	18.7	
110 4-Ethyltoluene	105	10.455	10.455	0.000	98	247281	20.0	19.3	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	214036	20.0	18.8	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	176852	20.0	19.2	
113 Butyl Methacrylate	87	10.584	10.584	0.000	96	61664	20.0	18.0	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	175472	20.0	19.4	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	216735	20.0	18.7	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	287313	20.0	19.2	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	240437	20.0	19.2	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	95	117163	20.0	19.5	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.054	0.000	95	148711	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	95	116397	20.0	19.4	
121 Benzyl chloride	91	11.167	11.167	0.000	98	106701	20.0	18.3	
122 2,3-Dihydroindene	117	11.210	11.210	0.000	93	220408	20.0	18.7	
123 p-Diethylbenzene	119	11.242	11.242	0.000	93	141763	20.0	19.3	
124 n-Butylbenzene	91	11.258	11.258	0.000	97	291277	20.0	19.5	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	115236	20.0	18.9	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	235168	20.0	18.7	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	94	12886	20.0	19.2	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	101836	20.0	19.1	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	96533	20.0	18.9	
131 Hexachlorobutadiene	225	12.354	12.354	0.000	94	46891	20.0	19.3	
132 Naphthalene	128	12.467	12.467	0.000	99	241561	20.0	20.2	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	101890	20.0	21.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.6	
S 135 Xylenes, Total	100				0		40.0	37.2	
S 136 Total BTEX	1				0		100.0	94.7	

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

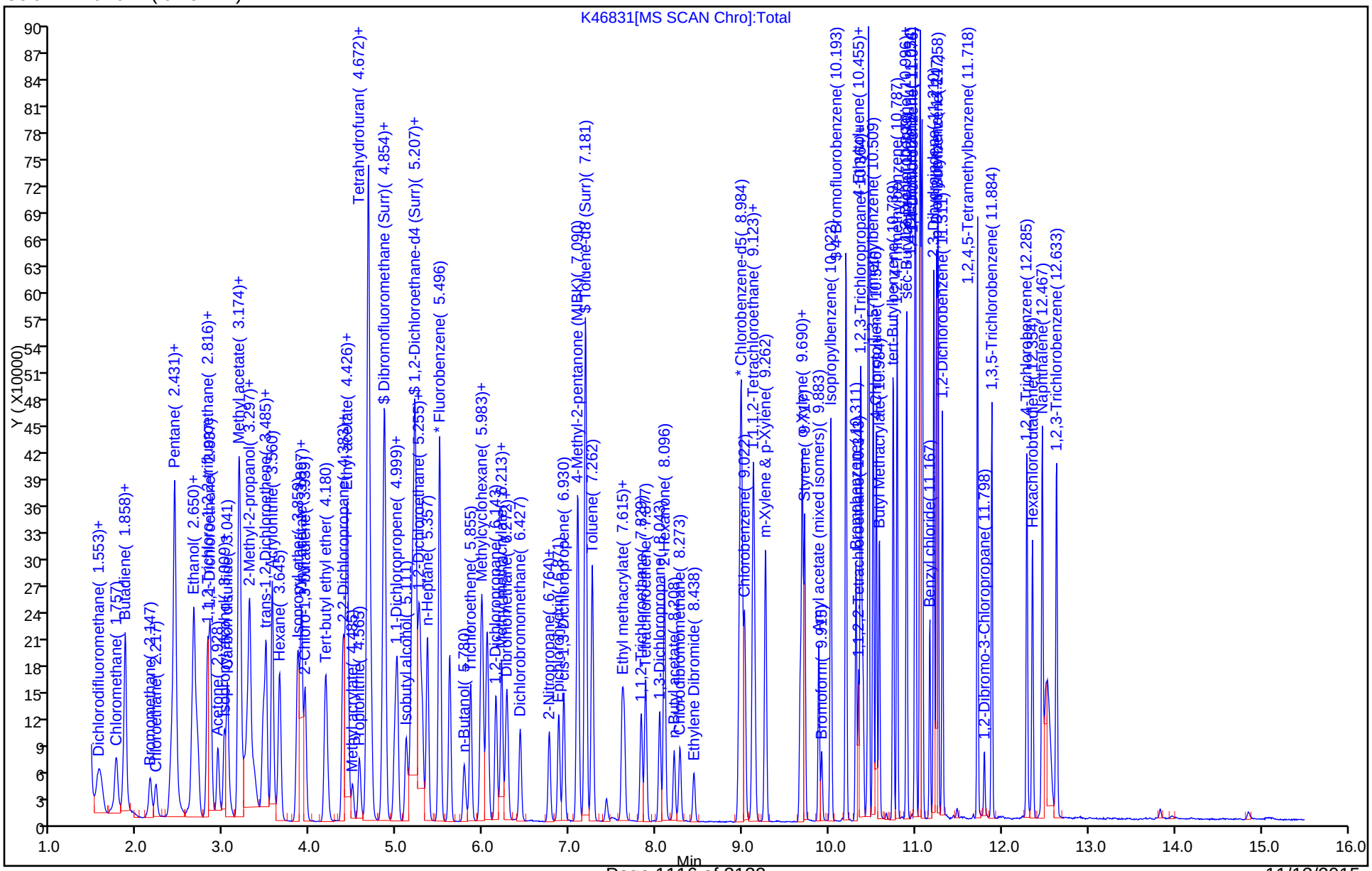
Report Date: 09-Nov-2015 16:54:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46831.D

Injection Date:	09-Nov-2015 10:47:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334331/2 Calibration Date: 11/10/2015 10:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46882.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
Chlorotrifluoroethene	Ave	0.0872	0.0882		20.2	20.0	1.2	20.0
Dichlorodifluoromethane	Ave	0.5318	0.5424	0.1000	20.4	20.0	2.0	20.0
Chloromethane	Ave	0.6083	0.6629	0.1000	21.8	20.0	9.0	20.0
Vinyl chloride	Ave	0.5401	0.5944	0.1000	22.0	20.0	10.1	20.0
Butadiene	Ave	0.4515	0.4806		21.3	20.0	6.4	20.0
Bromomethane	Ave	0.2596	0.2632	0.1000	20.3	20.0	1.4	50.0
Chloroethane	Ave	0.1930	0.2204	0.1000	22.8	20.0	14.1	50.0
Trichlorofluoromethane	Ave	0.5537	0.5934	0.1000	21.4	20.0	7.2	20.0
Dichlorofluoromethane	Ave	0.7837	0.8804		22.5	20.0	12.3	20.0
Pentane	Ave	0.0606	0.0609		40.2	40.0	0.5	20.0
Ethanol	QuaF		0.0507		689	800	-13.8	50.0
Ethyl ether	Ave	0.2784	0.2784		20.0	20.0	0.0	20.0
2-Methyl-1,3-butadiene	Ave	0.3354	0.3564		21.2	20.0	6.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2859	0.2985		20.9	20.0	4.4	20.0
Acrolein	Ave	1.717	1.513		264	300	-11.9	50.0
Freon TF	Ave	0.3855	0.4176	0.1000	21.7	20.0	8.3	20.0
1,1-Dichloroethene	Ave	0.3177	0.3208	0.1000	20.2	20.0	1.0	20.0
Acetone	Qua2		1.410	0.0500	119	100	19.5	50.0
Iodomethane	Ave	0.5986	0.6005		20.1	20.0	0.3	20.0
Isopropyl alcohol	Ave	0.8320	0.9319		224	200	12.0	50.0
Carbon disulfide	Ave	1.285	1.290	0.1000	20.1	20.0	0.4	50.0
Allyl chloride	Ave	0.2058	0.2013		19.6	20.0	-2.2	20.0
Methyl acetate	Ave	0.3192	0.3407	0.1000	107	100	6.7	20.0
Cyclopentene	Ave	0.9003	0.9579		21.3	20.0	6.4	20.0
Acetonitrile	Ave	2.002	2.336		233	200	16.7	20.0
Methylene Chloride	Ave	0.3814	0.3763	0.1000	19.7	20.0	-1.4	20.0
2-Methyl-2-propanol	Lin2		1.426		216	200	8.0	50.0
MTBE	Ave	0.9865	0.9750	0.1000	19.8	20.0	-1.2	20.0
trans-1,2-Dichloroethene	Ave	0.3394	0.3381	0.1000	19.9	20.0	-0.4	20.0
Acrylonitrile	Ave	0.1323	0.1377		208	200	4.1	20.0
Hexane	Ave	0.3709	0.4015		21.6	20.0	8.2	20.0
Isopropyl ether	Ave	1.291	1.341		20.8	20.0	3.8	20.0
1,1-Dichloroethane	Ave	0.6908	0.6972	0.2000	20.2	20.0	0.9	20.0
Vinyl acetate	Ave	0.6474	0.6955		43.0	40.0	7.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2998	0.3067		20.5	20.0	2.3	20.0
Tert-butyl ethyl ether	Ave	1.114	1.102		19.8	20.0	-1.1	20.0
2,2-Dichloropropane	Ave	0.1871	0.1801		19.3	20.0	-3.7	20.0
cis-1,2-Dichloroethene	Ave	0.3840	0.3752	0.1000	19.5	20.0	-2.3	20.0
2-Butanone	Lin2		0.3790	0.0500	107	100	7.1	50.0
Ethyl acetate	Qua2		6.883		42.5	40.0	6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334331/2 Calibration Date: 11/10/2015 10:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46882.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
Methyl acrylate	Ave	0.2950	0.3151		21.4	20.0	6.8	20.0
Propionitrile	Ave	1.659	1.648		199	200	-0.7	20.0
Bromochloromethane	Ave	0.1799	0.1788		19.9	20.0	-0.6	20.0
Tetrahydrofuran	Qua2		0.4181		39.9	40.0	-0.2	20.0
Methacrylonitrile	Ave	0.1332	0.1399		210	200	5.0	20.0
Chloroform	Ave	0.6248	0.6136	0.2000	19.6	20.0	-1.8	20.0
Cyclohexane	Ave	0.6834	0.7276	0.1000	21.3	20.0	6.5	50.0
1,1,1-Trichloroethane	Ave	0.5385	0.5336	0.1000	19.8	20.0	-0.9	20.0
Carbon tetrachloride	Ave	0.4559	0.4599	0.1000	20.2	20.0	0.9	20.0
1,1-Dichloropropene	Ave	0.4901	0.4810		19.6	20.0	-1.9	20.0
Isobutyl alcohol	Ave	0.5251	0.5679		541	500	8.2	50.0
Benzene	Ave	2.127	2.074	0.5000	19.5	20.0	-2.5	20.0
Isopropyl acetate	Ave	1.027	1.077		21.0	20.0	4.8	20.0
Tert-amyl methyl ether	Ave	1.069	1.048		19.6	20.0	-1.9	20.0
1,2-Dichloroethane	Ave	0.4785	0.4490	0.1000	18.8	20.0	-6.2	20.0
n-Heptane	Ave	0.3214	0.3289		20.5	20.0	2.3	20.0
n-Butanol	Ave	0.3776	0.3506		464	500	-7.1	50.0
Trichloroethene	Ave	0.3482	0.3322	0.2000	19.1	20.0	-4.6	20.0
Ethyl acrylate	Ave	0.9490	0.9486		20.0	20.0	-0.0	20.0
Methylcyclohexane	Ave	0.6409	0.6576	0.1000	20.5	20.0	2.6	50.0
1,2-Dichloropropane	Ave	0.3888	0.3679	0.1000	18.9	20.0	-5.4	20.0
Methyl methacrylate	Ave	0.3027	0.3030		40.0	40.0	0.1	20.0
1,4-Dioxane	QuaF		1.618		503	400	25.7	50.0
n-Propyl acetate	Lin2		0.5832		23.3	20.0	16.3	20.0
Dibromomethane	Ave	0.2130	0.2054		19.3	20.0	-3.6	20.0
Bromodichloromethane	Ave	0.4490	0.4232	0.2000	18.9	20.0	-5.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1880	0.1781		18.9	20.0	-5.3	20.0
2-Nitropropane	Ave	0.0898	0.0858		38.2	40.0	-4.5	20.0
Epichlorohydrin	Ave	0.3003	0.2932		390	400	-2.4	20.0
cis-1,3-Dichloropropene	Ave	0.7960	0.7398	0.2000	18.6	20.0	-7.1	50.0
4-Methyl-2-pentanone	Ave	3.520	3.413	0.0500	96.9	100	-3.1	50.0
Toluene	Ave	2.113	1.985	0.4000	18.8	20.0	-6.1	20.0
trans-1,3-Dichloropropene	Ave	0.6688	0.6143	0.1000	18.4	20.0	-8.1	50.0
Ethyl methacrylate	Ave	0.5485	0.4958		18.1	20.0	-9.6	20.0
1,1,2-Trichloroethane	Ave	0.3626	0.3336	0.1000	18.4	20.0	-8.0	20.0
Tetrachloroethene	Ave	0.4884	0.4686	0.2000	19.2	20.0	-4.1	20.0
1,3-Dichloropropane	Ave	0.6884	0.6507		18.9	20.0	-5.5	20.0
2-Hexanone	Ave	2.308	2.358	0.0500	102	100	2.2	50.0
n-Butyl acetate	Ave	0.6157	0.6265		20.3	20.0	1.7	20.0
Dibromochloromethane	Ave	0.4529	0.4159	0.1000	18.4	20.0	-8.2	50.0
1,2-Dibromoethane	Ave	0.3958	0.3669	0.1000	18.5	20.0	-7.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334331/2 Calibration Date: 11/10/2015 10:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46882.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
Chlorobenzene	Ave	1.297	1.222	0.5000	18.8	20.0	-5.9	20.0
Ethylbenzene	Ave	0.7122	0.6670	0.1000	18.7	20.0	-6.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4986	0.4686		18.8	20.0	-6.0	20.0
m-Xylene & p-Xylene	Ave	0.8731	0.8074	0.1000	18.5	20.0	-7.5	20.0
n-Butyl acrylate	Ave	0.3164	0.2892		18.3	20.0	-8.6	20.0
o-Xylene	Ave	0.9253	0.8686	0.3000	18.8	20.0	-6.1	20.0
Styrene	Ave	1.345	1.257	0.3000	18.7	20.0	-6.5	20.0
Amyl acetate (mixed isomers)	Ave	1.733	1.692		19.5	20.0	-2.4	20.0
Bromoform	Ave	0.2761	0.2522	0.1000	18.3	20.0	-8.6	20.0
Isopropylbenzene	Ave	2.387	2.285	0.1000	19.1	20.0	-4.3	20.0
Bromobenzene	Ave	1.042	0.9568		18.4	20.0	-8.2	20.0
1,1,2,2-Tetrachloroethane	Ave	1.165	1.087	0.3000	18.6	20.0	-6.8	20.0
N-Propylbenzene	Ave	5.408	5.146		19.0	20.0	-4.8	20.0
1,2,3-Trichloropropane	Ave	0.2786	0.2642		19.0	20.0	-5.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3135	0.2978		19.0	20.0	-5.0	20.0
2-Chlorotoluene	Ave	3.637	3.469		19.1	20.0	-4.6	20.0
4-Ethyltoluene	Ave	4.300	4.155		19.3	20.0	-3.4	20.0
1,3,5-Trimethylbenzene	Ave	3.838	3.691		19.2	20.0	-3.8	20.0
4-Chlorotoluene	Ave	3.101	2.910		18.8	20.0	-6.1	20.0
Butyl Methacrylate	Ave	1.153	1.046		18.1	20.0	-9.3	20.0
tert-Butylbenzene	Ave	3.048	2.949		19.3	20.0	-3.3	20.0
1,2,4-Trimethylbenzene	Ave	3.906	3.658		18.7	20.0	-6.4	20.0
sec-Butylbenzene	Ave	5.033	4.978		19.8	20.0	-1.1	20.0
4-Isopropyltoluene	Ave	4.213	4.093		19.4	20.0	-2.8	20.0
1,3-Dichlorobenzene	Ave	2.015	1.920	0.6000	19.1	20.0	-4.7	20.0
1,4-Dichlorobenzene	Ave	2.014	1.910	0.5000	19.0	20.0	-5.1	20.0
Benzyl chloride	Ave	1.955	1.793		18.3	20.0	-8.3	50.0
Indan	Ave	3.963	3.675		18.5	20.0	-7.3	20.0
p-Diethylbenzene	Ave	2.473	2.399		19.4	20.0	-3.0	20.0
n-Butylbenzene	Ave	5.015	4.952		19.7	20.0	-1.3	20.0
1,2-Dichlorobenzene	Ave	2.052	1.912	0.4000	18.6	20.0	-6.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.236	3.878		18.3	20.0	-8.4	20.0
1,2-Dibromo-3-Chloropropane	Qua2		0.2120	0.0500	18.8	20.0	-6.0	50.0
1,3,5-Trichlorobenzene	Ave	1.792	1.680		18.8	20.0	-6.2	20.0
1,2,4-Trichlorobenzene	Ave	1.714	1.612	0.2000	18.8	20.0	-6.0	20.0
Hexachlorobutadiene	Ave	0.8189	0.8020		19.6	20.0	-2.1	20.0
Naphthalene	Qua2		3.951		19.7	20.0	-1.7	50.0
1,2,3-Trichlorobenzene	Qua2		1.604		20.0	20.0	-0.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3019	0.2949		48.8	50.0	-2.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3247	0.3036		46.8	50.0	-6.5	20.0
Toluene-d8 (Surr)	Ave	1.479	1.377		46.6	50.0	-6.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334331/2 Calibration Date: 11/10/2015 10:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46882.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
Bromofluorobenzene	Ave	0.4851	0.4546		46.8	50.0	-6.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46882.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 10:00:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034050-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:30:31 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 10:34:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.548	1.548	0.000	91	15231	20.0	20.2	
2 Dichlorodifluoromethane	85	1.575	1.575	0.000	99	93702	20.0	20.4	
3 Chloromethane	50	1.757	1.757	0.000	99	114509	20.0	21.8	
4 Vinyl chloride	62	1.853	1.853	0.000	98	102678	20.0	22.0	
5 Butadiene	54	1.858	1.858	0.000	96	83018	20.0	21.3	
6 Bromomethane	94	2.147	2.147	0.000	99	45472	20.0	20.3	
7 Chloroethane	64	2.217	2.217	0.000	99	38067	20.0	22.8	
9 Trichlorofluoromethane	101	2.399	2.399	0.000	46	102507	20.0	21.4	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	98	152086	20.0	22.5	
10 Pentane	72	2.436	2.436	0.000	96	21035	40.0	40.2	
11 Ethanol	46	2.629	2.629	0.000	78	11779	800.0	689.3	
12 Ethyl ether	59	2.634	2.634	0.000	91	48096	20.0	20.0	
13 2-Methyl-1,3-butadiene	53	2.656	2.656	0.000	97	61565	20.0	21.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.693	2.693	0.000	98	51566	20.0	20.9	
15 Acrolein	56	2.816	2.816	0.000	97	131756	300.0	264.4	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	95	72138	20.0	21.7	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	94	55417	20.0	20.2	
18 Acetone	43	2.939	2.939	0.000	85	141363	100.0	119.5	
19 Iodomethane	142	3.009	3.009	0.000	99	103727	20.0	20.1	
20 Isopropyl alcohol	45	3.025	3.025	0.000	1	54083	200.0	224.0	
21 Carbon disulfide	76	3.046	3.046	0.000	100	222830	20.0	20.1	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	97	34778	20.0	19.6	
23 Methyl acetate	43	3.180	3.180	0.000	99	294249	100.0	106.7	
24 Cyclopentene	67	3.196	3.196	0.000	93	165477	20.0	21.3	
25 Acetonitrile	41	3.239	3.239	0.000	97	135598	200.0	233.4	
* 26 TBA-d9 (IS)	65	3.298	3.298	0.000	100	290183	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.303	0.000	99	65004	20.0	19.7	
28 2-Methyl-2-propanol	59	3.356	3.356	0.000	98	82750	200.0	216.1	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	98	168421	20.0	19.8	
30 trans-1,2-Dichloroethene	96	3.496	3.496	0.000	99	58402	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.565	3.565	0.000	93	237942	200.0	208.2	
32 Hexane	43	3.651	3.651	0.000	94	69352	20.0	21.6	
34 Isopropyl ether	45	3.859	3.859	0.000	96	231609	20.0	20.8	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	100	120443	20.0	20.2	
36 Vinyl acetate	43	3.902	3.902	0.000	100	240283	40.0	43.0	
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	93	52988	20.0	20.5	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	190409	20.0	19.8	
* 39 2-Butanone-d5	46	4.384	4.384	0.000	98	250705	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.405	0.000	95	31112	20.0	19.3	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	92	64807	20.0	19.5	
42 Ethyl acetate	43	4.437	4.437	0.000	94	276101	40.0	42.5	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	96	38007	100.0	107.1	
44 Methyl acrylate	55	4.496	4.496	0.000	99	54426	20.0	21.4	
45 Propionitrile	54	4.576	4.576	0.000	97	95636	200.0	198.6	
66 Tetrahydrofuran	72	4.656	4.656	0.000	64	16770	40.0	39.9	
46 Chlorobromomethane	128	4.656	4.656	0.000	93	30882	20.0	19.9	
47 Methacrylonitrile	67	4.678	4.678	0.000	95	241595	200.0	210.0	
48 Chloroform	83	4.705	4.705	0.000	98	105989	20.0	19.6	
49 Cyclohexane	56	4.849	4.849	0.000	97	125699	20.0	21.3	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	97	92183	20.0	19.8	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	127345	50.0	48.8	
52 Carbon tetrachloride	117	4.983	4.983	0.000	97	79449	20.0	20.2	
53 1,1-Dichloropropene	75	5.009	5.009	0.000	95	83087	20.0	19.6	
54 Isobutyl alcohol	43	5.116	5.116	0.000	95	82395	500.0	540.8	
55 Benzene	78	5.213	5.213	0.000	97	244574	20.0	19.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	96	131130	50.0	46.8	
57 Isopropyl acetate	43	5.256	5.256	0.000	96	185992	20.0	21.0	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	92	181074	20.0	19.6	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	77556	20.0	18.8	
60 n-Heptane	57	5.357	5.357	0.000	97	56813	20.0	20.5	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	431871	50.0	50.0	
63 n-Butanol	56	5.785	5.785	0.000	93	50869	500.0	464.3	
64 Trichloroethene	95	5.860	5.860	0.000	97	57393	20.0	19.1	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	163874	20.0	20.0	
67 Methylcyclohexane	83	5.988	5.988	0.000	93	113605	20.0	20.5	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	90	63546	20.0	18.9	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	94	23836	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	93	104687	40.0	40.0	
71 1,4-Dioxane	88	6.251	6.251	0.000	90	15425	400.0	502.8	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	100751	20.0	23.3	
73 Dibromomethane	93	6.283	6.283	0.000	95	35488	20.0	19.3	
74 Dichlorobromomethane	83	6.432	6.432	0.000	98	73110	20.0	18.9	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	72	30763	20.0	18.9	
75 2-Nitropropane	41	6.764	6.764	0.000	83	29637	40.0	38.2	
77 Epichlorohydrin	57	6.871	6.871	0.000	99	117603	400.0	390.5	
78 cis-1,3-Dichloropropene	75	6.935	6.935	0.000	95	87235	20.0	18.6	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	342249	100.0	96.9	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	405928	50.0	46.6	
81 Toluene	91	7.262	7.262	0.000	93	234019	20.0	18.8	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	99	72439	20.0	18.4	
83 Ethyl methacrylate	69	7.631	7.631	0.000	93	58467	20.0	18.1	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	39331	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.882	7.882	0.000	95	55249	20.0	19.2	
86 1,3-Dichloropropane	76	8.043	8.043	0.000	95	76729	20.0	18.9	
87 2-Hexanone	43	8.096	8.096	0.000	100	236421	100.0	102.2	
88 n-Butyl acetate	43	8.209	8.209	0.000	97	73872	20.0	20.3	
89 Chlorodibromomethane	129	8.278	8.278	0.000	97	49035	20.0	18.4	
90 Ethylene Dibromide	107	8.439	8.439	0.000	99	43261	20.0	18.5	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	294786	50.0	50.0	
92 Chlorobenzene	112	9.027	9.027	0.000	94	144035	20.0	18.8	
93 Ethylbenzene	106	9.123	9.123	0.000	99	78654	20.0	18.7	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	55256	20.0	18.8	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	98	95208	20.0	18.5	
96 n-Butyl acrylate	73	9.669	9.669	0.000	95	34101	20.0	18.3	
97 o-Xylene	106	9.690	9.690	0.000	93	102416	20.0	18.8	
98 Styrene	104	9.717	9.717	0.000	95	148182	20.0	18.7	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	105716	20.0	19.5	
100 Bromoform	173	9.915	9.915	0.000	94	29743	20.0	18.3	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	269401	20.0	19.1	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	91	133995	50.0	46.8	
104 Bromobenzene	156	10.311	10.311	0.000	97	59764	20.0	18.4	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	67871	20.0	18.6	
106 N-Propylbenzene	91	10.365	10.365	0.000	99	321466	20.0	19.0	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	16506	20.0	19.0	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	0.000	88	18603	20.0	19.0	
109 2-Chlorotoluene	91	10.455	10.455	0.000	96	216674	20.0	19.1	
110 4-Ethyltoluene	105	10.461	10.461	0.000	98	259531	20.0	19.3	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	230563	20.0	19.2	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	181782	20.0	18.8	
113 Butyl Methacrylate	87	10.584	10.584	0.000	96	65352	20.0	18.1	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	184195	20.0	19.3	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	228509	20.0	18.7	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	310972	20.0	19.8	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	255676	20.0	19.4	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	95	119950	20.0	19.1	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	156163	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	94	119332	20.0	19.0	
121 Benzyl chloride	91	11.167	11.167	0.000	98	111980	20.0	18.3	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	94	229559	20.0	18.5	
123 p-Diethylbenzene	119	11.242	11.242	0.000	93	149848	20.0	19.4	
124 n-Butylbenzene	91	11.263	11.263	0.000	98	309321	20.0	19.7	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	119440	20.0	18.6	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	242270	20.0	18.3	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	93	13244	20.0	18.8	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	96	104959	20.0	18.8	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	93	100693	20.0	18.8	
131 Hexachlorobutadiene	225	12.355	12.355	0.000	94	50096	20.0	19.6	
132 Naphthalene	128	12.467	12.467	0.000	99	246813	20.0	19.7	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	100221	20.0	20.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 135 Xylenes, Total	100				0		40.0	37.3	
S 136 Total BTEX	1				0		100.0	94.3	

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:30:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46882.D

Injection Date: 10-Nov-2015 10:00:30 Instrument ID: CVOAMS9 Operator ID:

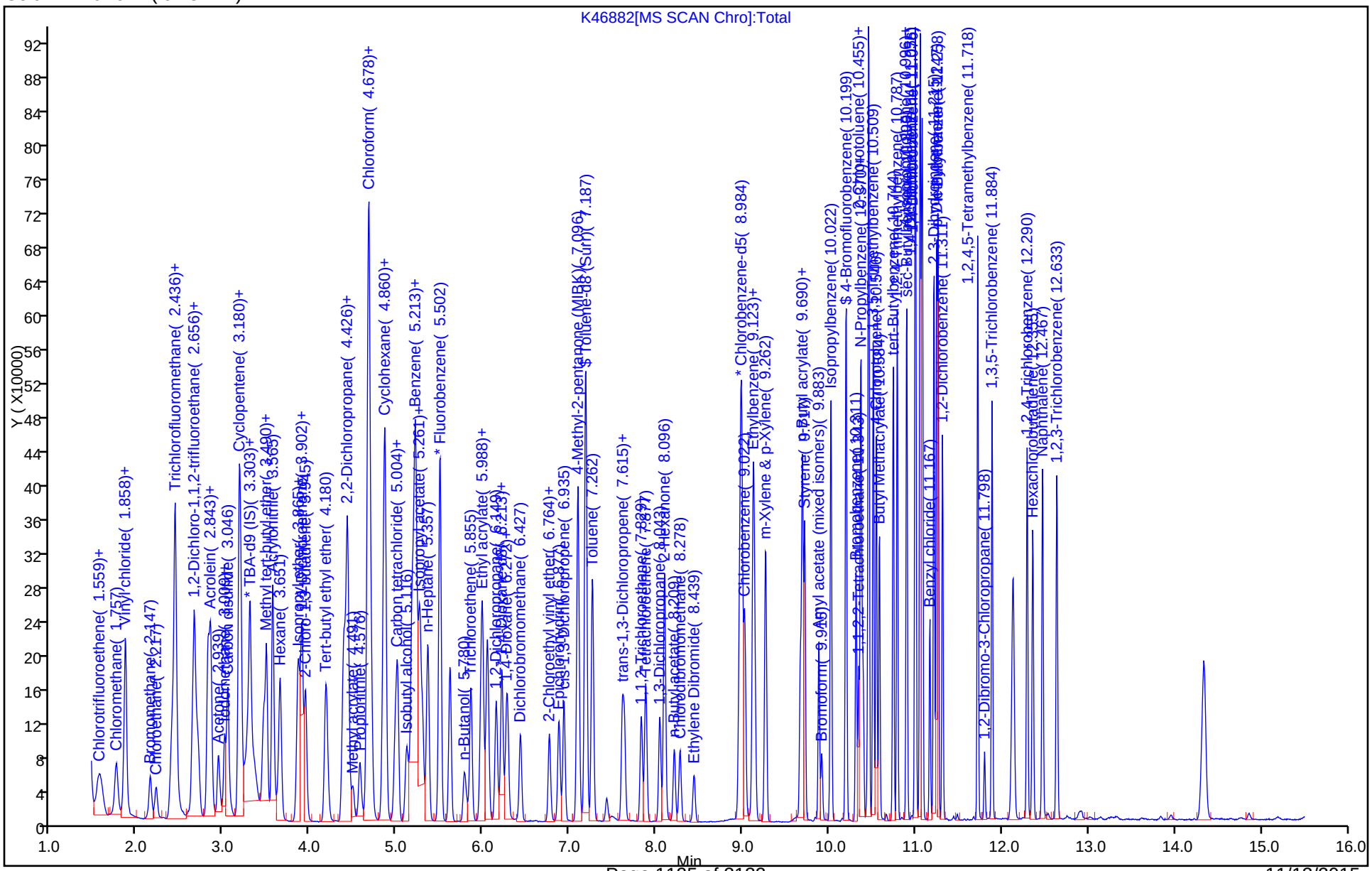
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334450/2 Calibration Date: 11/10/2015 22:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46908.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
Chlorotrifluoroethene	Ave	0.0872	0.0983		22.6	20.0	12.8	20.0
Dichlorodifluoromethane	Ave	0.5318	0.5739	0.1000	21.6	20.0	7.9	20.0
Chloromethane	Ave	0.6083	0.6103	0.1000	20.1	20.0	0.3	20.0
Vinyl chloride	Ave	0.5401	0.5735	0.1000	21.2	20.0	6.2	20.0
Butadiene	Ave	0.4515	0.4469		19.8	20.0	-1.0	20.0
Bromomethane	Ave	0.2596	0.2949	0.1000	22.7	20.0	13.6	50.0
Chloroethane	Ave	0.1930	0.2272	0.1000	23.5	20.0	17.7	50.0
Trichlorofluoromethane	Ave	0.5537	0.5761	0.1000	20.8	20.0	4.0	20.0
Dichlorofluoromethane	Ave	0.7837	0.8015		20.5	20.0	2.3	20.0
Pentane	Ave	0.0606	0.0669		44.2	40.0	10.4	20.0
Ethanol	QuaF		0.0532		722	800	-9.7	50.0
Ethyl ether	Ave	0.2784	0.2947		21.2	20.0	5.9	20.0
2-Methyl-1,3-butadiene	Ave	0.3354	0.3852		23.0	20.0	14.8	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2859	0.3116		21.8	20.0	9.0	20.0
Acrolein	Ave	1.717	1.399		244	300	-18.5	50.0
Freon TF	Ave	0.3855	0.4322	0.1000	22.4	20.0	12.1	20.0
1,1-Dichloroethene	Ave	0.3177	0.3397	0.1000	21.4	20.0	6.9	20.0
Acetone	Qua2		1.417	0.0500	120	100	20.1	50.0
Iodomethane	Ave	0.5986	0.6384		21.3	20.0	6.6	20.0
Isopropyl alcohol	Ave	0.8320	0.8480		204	200	1.9	50.0
Carbon disulfide	Ave	1.285	1.380	0.1000	21.5	20.0	7.4	50.0
Allyl chloride	Ave	0.2058	0.2116		20.6	20.0	2.8	20.0
Methyl acetate	Ave	0.3192	0.3288	0.1000	103	100	3.0	20.0
Cyclopentene	Ave	0.9003	1.043		23.2	20.0	15.8	20.0
Acetonitrile	Ave	2.002	2.187		218	200	9.2	20.0
Methylene Chloride	Ave	0.3814	0.3913	0.1000	20.5	20.0	2.6	20.0
2-Methyl-2-propanol	Lin2		1.328		201	200	0.3	50.0
MTBE	Ave	0.9865	1.021	0.1000	20.7	20.0	3.5	20.0
trans-1,2-Dichloroethene	Ave	0.3394	0.3616	0.1000	21.3	20.0	6.5	20.0
Acrylonitrile	Ave	0.1323	0.1382		209	200	4.5	20.0
Hexane	Ave	0.3709	0.4434		23.9	20.0	19.5	20.0
Isopropyl ether	Ave	1.291	1.403		21.7	20.0	8.6	20.0
1,1-Dichloroethane	Ave	0.6908	0.7469	0.2000	21.6	20.0	8.1	20.0
Vinyl acetate	Ave	0.6474	0.7108		43.9	40.0	9.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2998	0.3293		22.0	20.0	9.9	20.0
Tert-butyl ethyl ether	Ave	1.114	1.169		21.0	20.0	5.0	20.0
2,2-Dichloropropane	Ave	0.1871	0.1878		20.1	20.0	0.4	20.0
cis-1,2-Dichloroethene	Ave	0.3840	0.4022	0.1000	20.9	20.0	4.7	20.0
2-Butanone	Lin2		0.3928	0.0500	111	100	11.1	50.0
Ethyl acetate	Qua2		6.919		42.7	40.0	6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334450/2 Calibration Date: 11/10/2015 22:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46908.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
Methyl acrylate	Ave	0.2950	0.2928		19.8	20.0	-0.8	20.0
Propionitrile	Ave	1.659	1.655		200	200	-0.2	20.0
Tetrahydrofuran	Qua2		0.4397		42.1	40.0	5.1	20.0
Bromochloromethane	Ave	0.1799	0.1866		20.7	20.0	3.7	20.0
Methacrylonitrile	Ave	0.1332	0.1365		205	200	2.5	20.0
Chloroform	Ave	0.6248	0.6415	0.2000	20.5	20.0	2.7	20.0
Cyclohexane	Ave	0.6834	0.7867	0.1000	23.0	20.0	15.1	50.0
1,1,1-Trichloroethane	Ave	0.5385	0.5764	0.1000	21.4	20.0	7.0	20.0
Carbon tetrachloride	Ave	0.4559	0.4814	0.1000	21.1	20.0	5.6	20.0
1,1-Dichloropropene	Ave	0.4901	0.5177		21.1	20.0	5.6	20.0
Isobutyl alcohol	Ave	0.5251	0.5028		479	500	-4.2	50.0
Benzene	Ave	2.127	2.109	0.5000	19.8	20.0	-0.9	20.0
Isopropyl acetate	Ave	1.027	1.067		20.8	20.0	3.9	20.0
Tert-amyl methyl ether	Ave	1.069	1.088		20.4	20.0	1.8	20.0
1,2-Dichloroethane	Ave	0.4785	0.4507	0.1000	18.8	20.0	-5.8	20.0
n-Heptane	Ave	0.3214	0.3607		22.4	20.0	12.2	20.0
n-Butanol	Ave	0.3776	0.3265		432	500	-13.5	50.0
Trichloroethene	Ave	0.3482	0.3530	0.2000	20.3	20.0	1.4	20.0
Ethyl acrylate	Ave	0.9490	1.038		21.9	20.0	9.4	20.0
Methylcyclohexane	Ave	0.6409	0.7246	0.1000	22.6	20.0	13.0	50.0
1,2-Dichloropropane	Ave	0.3888	0.3963	0.1000	20.4	20.0	1.9	20.0
Methyl methacrylate	Ave	0.3027	0.2975		39.3	40.0	-1.7	20.0
1,4-Dioxane	QuaF		1.505		467	400	16.8	50.0
n-Propyl acetate	Lin2		0.5455		21.7	20.0	8.6	20.0
Dibromomethane	Ave	0.2130	0.2090		19.6	20.0	-1.9	20.0
Bromodichloromethane	Ave	0.4490	0.4375	0.2000	19.5	20.0	-2.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1880	0.1837		19.5	20.0	-2.3	20.0
2-Nitropropane	Ave	0.0898	0.0789		35.2	40.0	-12.1	20.0
Epichlorohydrin	Ave	0.3003	0.2939		391	400	-2.1	20.0
cis-1,3-Dichloropropene	Ave	0.7960	0.7545	0.2000	19.0	20.0	-5.2	50.0
4-Methyl-2-pentanone	Ave	3.520	3.642	0.0500	103	100	3.4	50.0
Toluene	Ave	2.113	2.119	0.4000	20.1	20.0	0.3	20.0
trans-1,3-Dichloropropene	Ave	0.6688	0.6174	0.1000	18.5	20.0	-7.7	50.0
Ethyl methacrylate	Ave	0.5485	0.5195		18.9	20.0	-5.3	20.0
1,1,2-Trichloroethane	Ave	0.3626	0.3426	0.1000	18.9	20.0	-5.5	20.0
Tetrachloroethene	Ave	0.4884	0.4966	0.2000	20.3	20.0	1.7	20.0
1,3-Dichloropropane	Ave	0.6884	0.6492		18.9	20.0	-5.7	20.0
2-Hexanone	Ave	2.308	2.530	0.0500	110	100	9.6	50.0
n-Butyl acetate	Ave	0.6157	0.5912		19.2	20.0	-4.0	20.0
Dibromochloromethane	Ave	0.4529	0.4214	0.1000	18.6	20.0	-7.0	50.0
1,2-Dibromoethane	Ave	0.3958	0.3759	0.1000	19.0	20.0	-5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334450/2 Calibration Date: 11/10/2015 22:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46908.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
Chlorobenzene	Ave	1.297	1.303	0.5000	20.1	20.0	0.4	20.0
Ethylbenzene	Ave	0.7122	0.7310	0.1000	20.5	20.0	2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4986	0.4802		19.3	20.0	-3.7	20.0
m-Xylene & p-Xylene	Ave	0.8731	0.8907	0.1000	20.4	20.0	2.0	20.0
n-Butyl acrylate	Ave	0.3164	0.3010		19.0	20.0	-4.9	20.0
o-Xylene	Ave	0.9253	0.9525	0.3000	20.6	20.0	2.9	20.0
Styrene	Ave	1.345	1.368	0.3000	20.4	20.0	1.8	20.0
Amyl acetate (mixed isomers)	Ave	1.733	1.665		19.2	20.0	-4.0	20.0
Bromoform	Ave	0.2761	0.2569	0.1000	18.6	20.0	-7.0	20.0
Isopropylbenzene	Ave	2.387	2.520	0.1000	21.1	20.0	5.6	20.0
Bromobenzene	Ave	1.042	0.997		19.1	20.0	-4.3	20.0
1,1,2,2-Tetrachloroethane	Ave	1.165	1.060	0.3000	18.2	20.0	-9.1	20.0
N-Propylbenzene	Ave	5.408	5.558		20.6	20.0	2.8	20.0
1,2,3-Trichloropropane	Ave	0.2786	0.2617		18.8	20.0	-6.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3135	0.2805		17.9	20.0	-10.5	20.0
2-Chlorotoluene	Ave	3.637	3.669		20.2	20.0	0.9	20.0
4-Ethyltoluene	Ave	4.300	4.542		21.1	20.0	5.6	20.0
1,3,5-Trimethylbenzene	Ave	3.838	3.862		20.1	20.0	0.6	20.0
4-Chlorotoluene	Ave	3.101	3.052		19.7	20.0	-1.6	20.0
Butyl Methacrylate	Ave	1.153	1.120		19.4	20.0	-2.9	20.0
tert-Butylbenzene	Ave	3.048	3.069		20.1	20.0	0.7	20.0
1,2,4-Trimethylbenzene	Ave	3.906	3.977		20.4	20.0	1.8	20.0
sec-Butylbenzene	Ave	5.033	5.299		21.1	20.0	5.3	20.0
4-Isopropyltoluene	Ave	4.213	4.453		21.1	20.0	5.7	20.0
1,3-Dichlorobenzene	Ave	2.015	2.027	0.6000	20.1	20.0	0.6	20.0
1,4-Dichlorobenzene	Ave	2.014	1.983	0.5000	19.7	20.0	-1.5	20.0
Benzyl chloride	Ave	1.955	1.832		18.7	20.0	-6.3	50.0
Indan	Ave	3.963	3.997		20.2	20.0	0.9	20.0
p-Diethylbenzene	Ave	2.473	2.677		21.6	20.0	8.2	20.0
n-Butylbenzene	Ave	5.015	5.340		21.3	20.0	6.5	20.0
1,2-Dichlorobenzene	Ave	2.052	2.021	0.4000	19.7	20.0	-1.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.236	4.206		19.9	20.0	-0.7	20.0
1,2-Dibromo-3-Chloropropane	Qua2		0.2081	0.0500	18.4	20.0	-7.8	50.0
1,3,5-Trichlorobenzene	Ave	1.792	1.819		20.3	20.0	1.5	20.0
1,2,4-Trichlorobenzene	Ave	1.714	1.716	0.2000	20.0	20.0	0.0	20.0
Hexachlorobutadiene	Ave	0.8189	0.8357		20.4	20.0	2.0	20.0
Naphthalene	Qua2		4.088		20.4	20.0	1.8	50.0
1,2,3-Trichlorobenzene	Qua2		1.692		21.1	20.0	5.5	20.0
Dibromofluoromethane (Surr)	Ave	0.3019	0.2965		49.1	50.0	-1.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3247	0.2998		46.2	50.0	-7.7	20.0
Toluene-d8 (Surr)	Ave	1.479	1.420		48.0	50.0	-4.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334450/2 Calibration Date: 11/10/2015 22:00

Instrument ID: CVOAMS9 Calib Start Date: 11/06/2015 06:23

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 11/06/2015 08:33

Lab File ID: K46908.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
Bromofluorobenzene	Ave	0.4851	0.4830		49.8	50.0	-0.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46908.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 22:00:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0034066-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub35

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:00:36 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 11-Nov-2015 00:09:04

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	66	1.548	1.548	0.000	91	18069	20.0	22.6	
2	Dichlorodifluoromethane	85	1.575	1.575	0.000	99	105510	20.0	21.6	
3	Chloromethane	50	1.746	1.746	0.000	99	112211	20.0	20.1	
4	Vinyl chloride	62	1.848	1.848	0.000	71	105449	20.0	21.2	
5	Butadiene	54	1.853	1.853	0.000	97	82171	20.0	19.8	
6	Bromomethane	94	2.142	2.142	0.000	98	54216	20.0	22.7	
7	Chloroethane	64	2.212	2.212	0.000	99	41778	20.0	23.5	
9	Trichlorofluoromethane	101	2.394	2.394	0.000	46	105917	20.0	20.8	
8	Dichlorofluoromethane	67	2.399	2.399	0.000	98	147359	20.0	20.5	
10	Pentane	72	2.431	2.431	0.000	96	24606	40.0	44.2	
11	Ethanol	46	2.624	2.624	0.000	84	13166	800.0	722.2	M
12	Ethyl ether	59	2.629	2.629	0.000	93	54181	20.0	21.2	
13	2-Methyl-1,3-butadiene	53	2.656	2.656	0.000	98	70826	20.0	23.0	
14	1,2-Dichloro-1,1,2-trifluo	117	2.682	2.682	0.000	97	57291	20.0	21.8	
15	Acrolein	56	2.811	2.811	0.000	97	129915	300.0	244.4	
16	1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	95	79462	20.0	22.4	
17	1,1-Dichloroethene	96	2.848	2.848	0.000	94	62455	20.0	21.4	
18	Acetone	43	2.934	2.934	0.000	85	143499	100.0	120.1	
19	Iodomethane	142	3.003	3.003	0.000	98	117371	20.0	21.3	
20	Isopropyl alcohol	45	3.014	3.014	0.000	1	52503	200.0	203.8	
21	Carbon disulfide	76	3.041	3.041	0.000	100	253724	20.0	21.5	
22	3-Chloro-1-propene	76	3.169	3.169	0.000	97	38900	20.0	20.6	
23	Methyl acetate	43	3.180	3.180	0.000	99	302238	100.0	103.0	
24	Cyclopentene	67	3.191	3.191	0.000	94	191671	20.0	23.2	
25	Acetonitrile	41	3.239	3.239	0.000	96	135386	200.0	218.4	
* 26	TBA-d9 (IS)	65	3.292	3.292	0.000	99	309573	1000.0	1000.0	
27	Methylene Chloride	84	3.298	3.298	0.000	99	71943	20.0	20.5	
28	2-Methyl-2-propanol	59	3.367	3.367	0.000	97	82203	200.0	200.5	
29	Methyl tert-butyl ether	73	3.458	3.458	0.000	97	187767	20.0	20.7	
30	trans-1,2-Dichloroethene	96	3.490	3.490	0.000	98	66477	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.565	3.565	0.000	95	254096	200.0	208.9	
32 Hexane	43	3.645	3.645	0.000	94	81527	20.0	23.9	
34 Isopropyl ether	45	3.854	3.854	0.000	95	257928	20.0	21.7	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	137319	20.0	21.6	
36 Vinyl acetate	43	3.897	3.897	0.000	100	261357	40.0	43.9	
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	93	60543	20.0	22.0	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	215014	20.0	21.0	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	94	253133	250.0	250.0	
40 2,2-Dichloropropane	79	4.400	4.400	0.000	95	34527	20.0	20.1	
41 cis-1,2-Dichloroethene	96	4.421	4.421	0.000	91	73941	20.0	20.9	
42 Ethyl acetate	43	4.432	4.432	0.000	92	280223	40.0	42.7	
43 2-Butanone (MEK)	72	4.432	4.432	0.000	96	39774	100.0	111.1	
44 Methyl acrylate	55	4.491	4.491	0.000	98	53823	20.0	19.8	
45 Propionitrile	54	4.571	4.571	0.000	98	102471	200.0	199.5	
66 Tetrahydrofuran	72	4.651	4.651	0.000	59	17808	40.0	42.1	
46 Chlorobromomethane	128	4.656	4.656	0.000	90	34298	20.0	20.7	
47 Methacrylonitrile	67	4.673	4.673	0.000	95	250945	200.0	204.9	
48 Chloroform	83	4.705	4.705	0.000	98	117941	20.0	20.5	
49 Cyclohexane	56	4.844	4.844	0.000	96	144638	20.0	23.0	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	96	105974	20.0	21.4	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	136273	50.0	49.1	
52 Carbon tetrachloride	117	4.983	4.983	0.000	97	88498	20.0	21.1	
53 1,1-Dichloropropene	75	5.010	5.010	0.000	95	95185	20.0	21.1	
54 Isobutyl alcohol	43	5.117	5.117	0.000	97	77825	500.0	478.8	
55 Benzene	78	5.207	5.207	0.000	96	277416	20.0	19.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.224	5.224	0.000	96	137800	50.0	46.2	
57 Isopropyl acetate	43	5.256	5.256	0.000	95	196173	20.0	20.8	
58 Tert-amyl methyl ether	73	5.261	5.261	0.000	92	200032	20.0	20.4	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	82854	20.0	18.8	
60 n-Heptane	57	5.357	5.357	0.000	98	66311	20.0	22.4	
* 61 Fluorobenzene	96	5.496	5.496	0.000	98	459638	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	92	50532	500.0	432.3	
64 Trichloroethene	95	5.855	5.855	0.000	98	64895	20.0	20.3	
65 Ethyl acrylate	55	5.978	5.978	0.000	99	190880	20.0	21.9	
67 Methylcyclohexane	83	5.989	5.989	0.000	95	133218	20.0	22.6	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	92	72858	20.0	20.4	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	85	26613	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	109387	40.0	39.3	
71 1,4-Dioxane	88	6.256	6.256	0.000	88	16017	400.0	467.1	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	100294	20.0	21.7	
73 Dibromomethane	93	6.283	6.283	0.000	95	38422	20.0	19.6	
74 Dichlorobromomethane	83	6.427	6.427	0.000	99	80440	20.0	19.5	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	73	33773	20.0	19.5	
75 2-Nitropropane	41	6.764	6.764	0.000	82	29019	40.0	35.2	
77 Epichlorohydrin	57	6.871	6.871	0.000	99	119049	400.0	391.5	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	94	99242	20.0	19.0	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	368733	100.0	103.4	
$ 80 Toluene-d8 (Surr)	98	7.182	7.182	0.000	99	467015	50.0	48.0	
81 Toluene	91	7.262	7.262	0.000	94	278732	20.0	20.1	
82 trans-1,3-Dichloropropene	75	7.604	7.604	0.000	98	81214	20.0	18.5	
83 Ethyl methacrylate	69	7.631	7.631	0.000	93	68339	20.0	18.9	
84 1,1,2-Trichloroethane	83	7.823	7.823	0.000	95	45066	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.877	7.877	0.000	96	65325	20.0	20.3	
86 1,3-Dichloropropane	76	8.037	8.037	0.000	96	85394	20.0	18.9	
87 2-Hexanone	43	8.096	8.096	0.000	99	256193	100.0	109.6	
88 n-Butyl acetate	43	8.209	8.209	0.000	98	77767	20.0	19.2	
89 Chlorodibromomethane	129	8.278	8.278	0.000	98	55424	20.0	18.6	
90 Ethylene Dibromide	107	8.439	8.439	0.000	97	49439	20.0	19.0	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	328849	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	94	171411	20.0	20.1	
93 Ethylbenzene	106	9.123	9.123	0.000	99	96161	20.0	20.5	
94 1,1,1,2-Tetrachloroethane	131	9.140	9.140	0.000	95	63161	20.0	19.3	
95 m-Xylene & p-Xylene	106	9.263	9.263	0.000	97	117161	20.0	20.4	
96 n-Butyl acrylate	73	9.664	9.664	0.000	96	39595	20.0	19.0	
97 o-Xylene	106	9.691	9.691	0.000	93	125293	20.0	20.6	
98 Styrene	104	9.717	9.717	0.000	95	180001	20.0	20.4	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	119625	20.0	19.2	
100 Bromoform	173	9.915	9.915	0.000	95	33787	20.0	18.6	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	331450	20.0	21.1	
$ 102 4-Bromofluorobenzene	174	10.193	10.193	0.000	89	158831	50.0	49.8	
104 Bromobenzene	156	10.311	10.311	0.000	98	71653	20.0	19.1	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	76167	20.0	18.2	
106 N-Propylbenzene	91	10.365	10.365	0.000	99	399435	20.0	20.6	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	18804	20.0	18.8	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	0.000	88	20158	20.0	17.9	
109 2-Chlorotoluene	91	10.456	10.456	0.000	97	263678	20.0	20.2	
110 4-Ethyltoluene	105	10.456	10.456	0.000	98	326410	20.0	21.1	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	277563	20.0	20.1	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	219360	20.0	19.7	
113 Butyl Methacrylate	87	10.584	10.584	0.000	94	80485	20.0	19.4	
114 tert-Butylbenzene	119	10.739	10.739	0.000	93	220537	20.0	20.1	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	285850	20.0	20.4	
116 sec-Butylbenzene	105	10.900	10.900	0.000	99	380857	20.0	21.1	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	320030	20.0	21.1	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	95	145707	20.0	20.1	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	179670	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	96	142528	20.0	19.7	
121 Benzyl chloride	91	11.167	11.167	0.000	98	131629	20.0	18.7	
122 2,3-Dihydroindene	117	11.210	11.210	0.000	94	287291	20.0	20.2	
123 p-Diethylbenzene	119	11.242	11.242	0.000	93	192367	20.0	21.6	
124 n-Butylbenzene	91	11.258	11.258	0.000	97	383763	20.0	21.3	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	96	145272	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	302298	20.0	19.9	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	96	14953	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	130700	20.0	20.3	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	123310	20.0	20.0	
131 Hexachlorobutadiene	225	12.355	12.355	0.000	94	60057	20.0	20.4	
132 Naphthalene	128	12.467	12.467	0.000	99	293829	20.0	20.4	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	121595	20.0	21.1	
S 134 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 135 Xylenes, Total	100				0		40.0	41.0	
S 136 Total BTEX	1				0		100.0	101.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 12:00:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46908.D

Injection Date: 10-Nov-2015 22:00:30 Instrument ID: CVOAMS9 Operator ID:

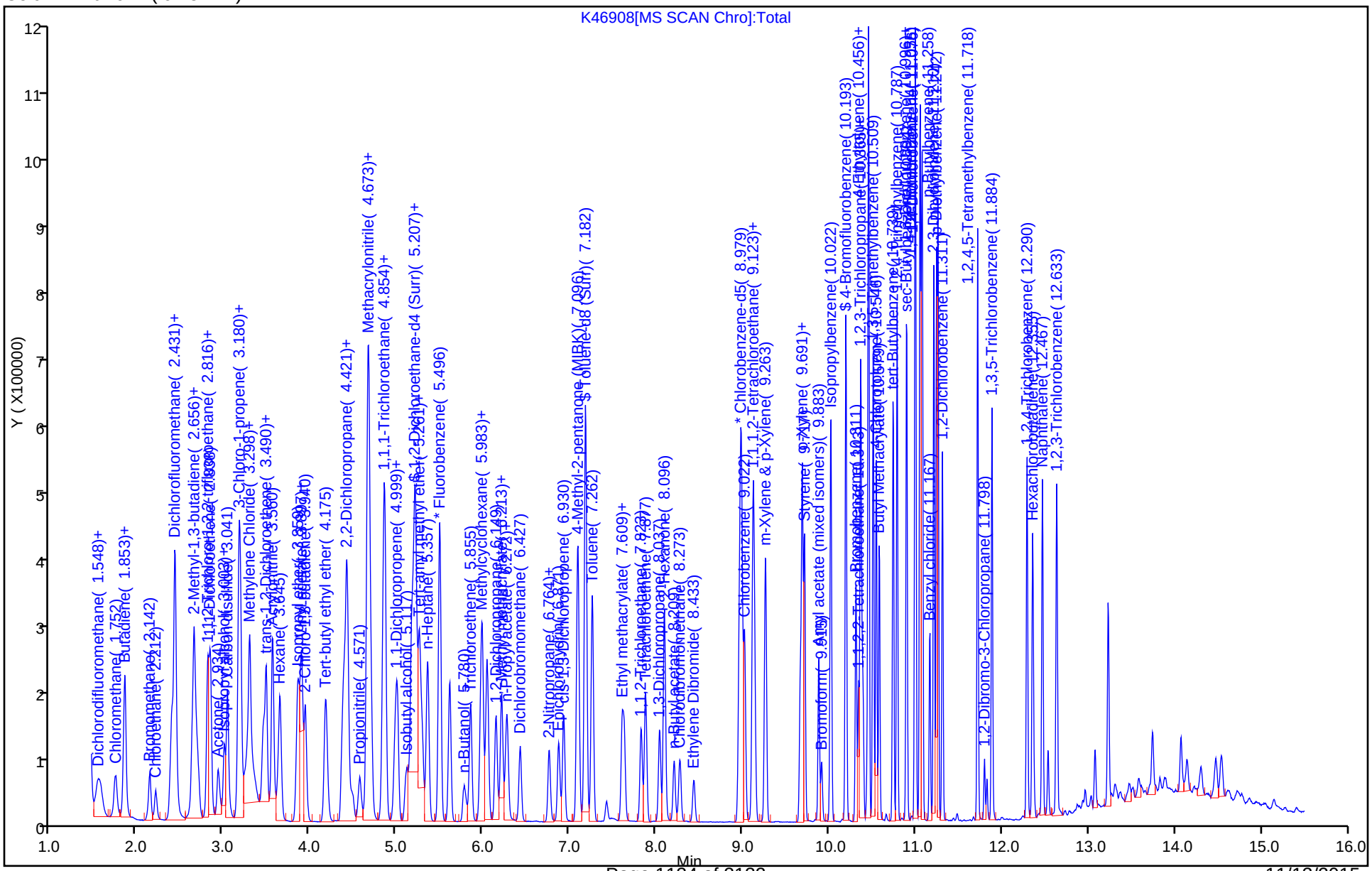
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03938.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-Nov-2015 13:24:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0034002-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\8260W_12.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Nov-2015 08:55:30	Calib Date:	09-Nov-2015 21:40:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	XAWRK027				
First Level Reviewer: tupayachia		Date:	09-Nov-2015 12:58:31		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.533	2.533	0.000	88	35895	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

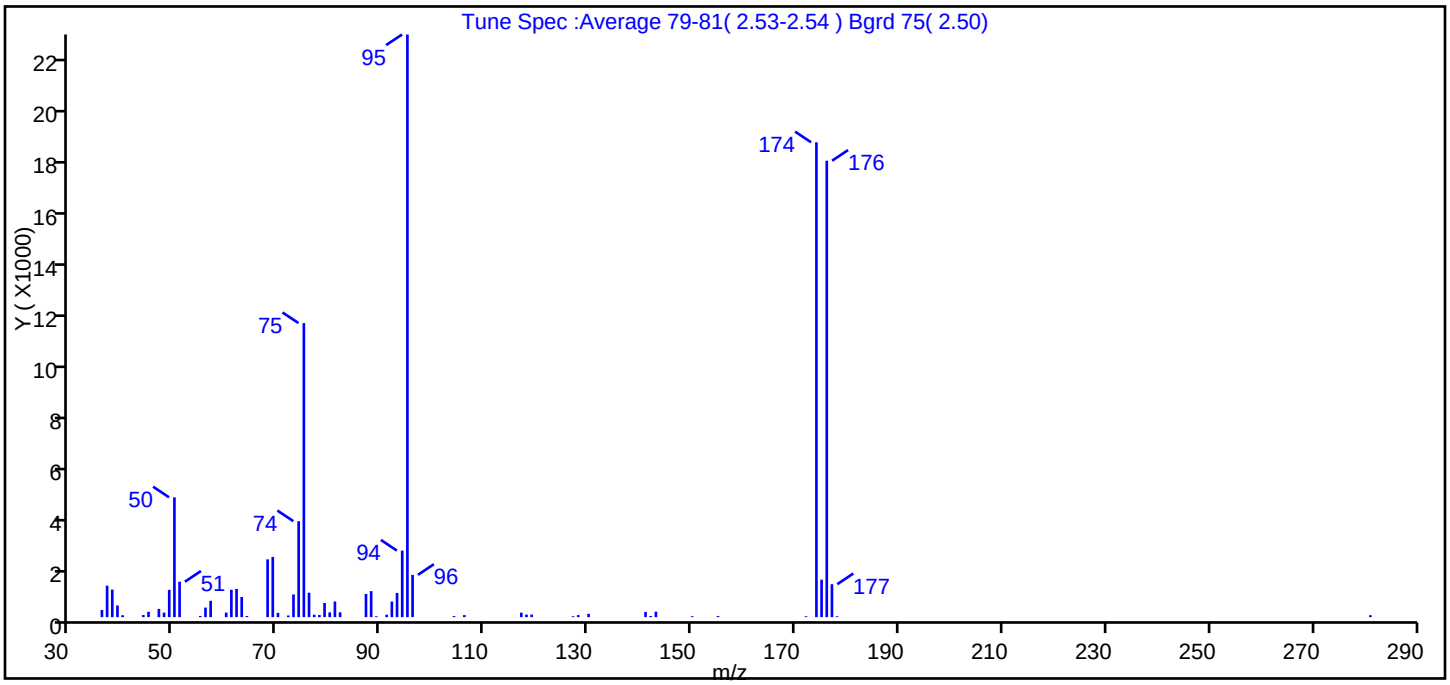
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03938.D
Injection Date: 09-Nov-2015 13:24:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.6
75	30 to 60% of m/z 95	50.5
96	5 to 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	81.5
175	5 to 9% of m/z 174	6.4 (7.9)
176	Greater than 95% but less than 101% of m/z 174	78.3 (96.1)
177	5 to 9% of m/z 176	5.7 (7.2)

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03938.D\8260W_12.rslt\spectra.d
Injection Date: 09-Nov-2015 13:24:30
Spectrum: Tune Spec :Average 79-81(2.53-2.54) Bgrd 75(2.50)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	278	61.00	1068	81.00	611	127.00	34
37.00	1227	62.00	1100	82.00	188	128.00	80
38.00	1077	63.00	785	87.00	905	130.00	131
39.00	456	64.00	45	88.00	1015	141.00	205
40.00	74	68.00	2256	89.00	33	142.00	44
44.00	82	69.00	2351	91.00	95	143.00	213
45.00	209	70.00	168	92.00	608	150.00	35
47.00	322	72.00	65	93.00	944	155.00	43
48.00	178	73.00	886	94.00	2598	172.00	35
49.00	1065	74.00	3746	95.00	22744	174.00	18536
50.00	4676	75.00	11478	96.00	1650	175.00	1463
51.00	1383	76.00	955	104.00	42	176.00	17816
55.00	47	77.00	96	106.00	81	177.00	1286
56.00	373	78.00	83	117.00	175	178.00	33
57.00	638	79.00	553	118.00	100	281.00	77
60.00	179	80.00	185	119.00	100		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03984.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 10-Nov-2015 20:07:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034068-001
Operator ID: Instrument ID: CVOAMS12

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 23:53:50 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 10-Nov-2015 23:53:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 141 BFB	95	2.505	2.505	0.000	83	70848	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

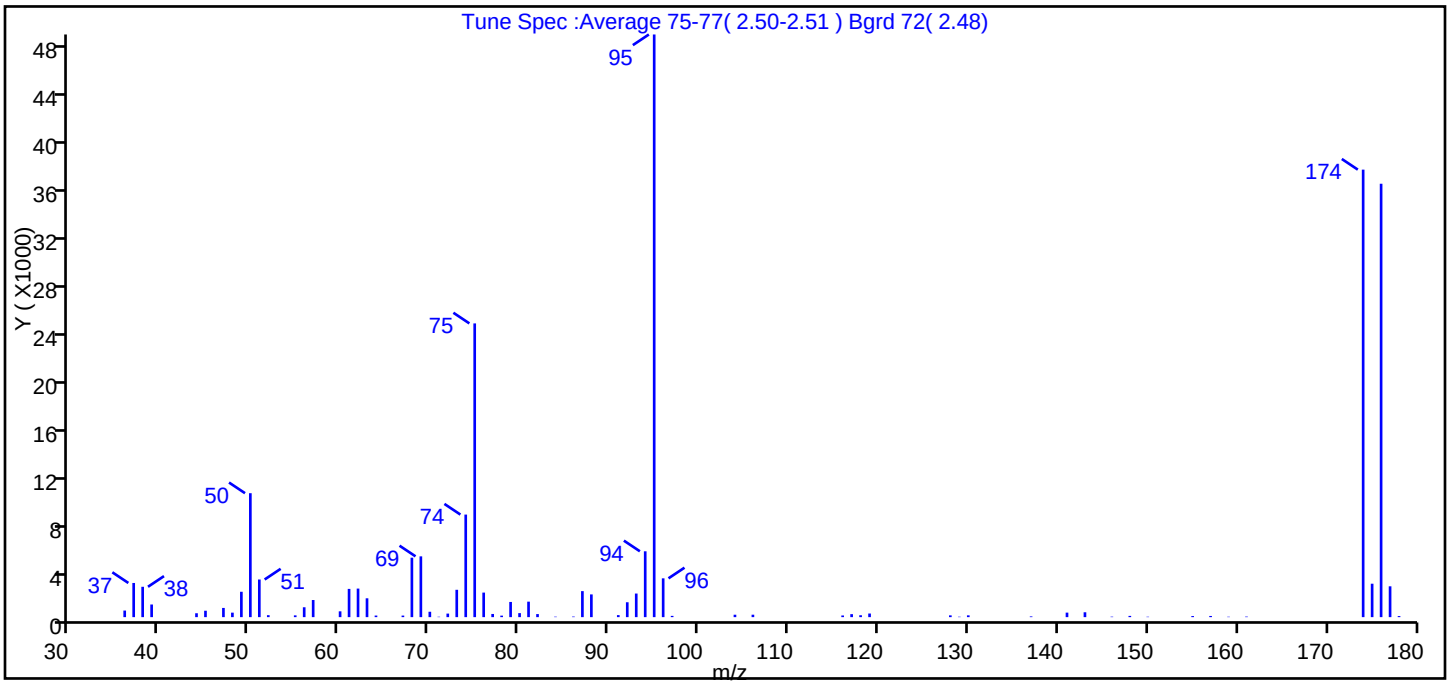
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03984.D
Injection Date: 10-Nov-2015 20:07:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.3
75	30 to 60% of m/z 95	50.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	76.8
175	5 to 9% of m/z 174	5.7 (7.5)
176	Greater than 95% but less than 101% of m/z 174	74.4 (96.8)
177	5 to 9% of m/z 176	5.3 (7.1)

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03984.D\8260W_12.rslt\spectra.d
Injection Date: 10-Nov-2015 20:07:30
Spectrum: Tune Spec :Average 75-77(2.50-2.51) Bgrd 72(2.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	549	63.00	1571	84.00	39	129.00	35
37.00	2848	64.00	133	86.00	48	130.00	150
38.00	2530	67.00	130	87.00	2168	137.00	61
39.00	1054	68.00	4955	88.00	1895	141.00	376
44.00	325	69.00	5066	91.00	169	143.00	406
45.00	534	70.00	449	92.00	1241	146.00	40
47.00	768	71.00	33	93.00	1967	148.00	104
48.00	375	72.00	296	94.00	5488	150.00	34
49.00	2115	73.00	2279	95.00	48560	155.00	90
50.00	10330	74.00	8548	96.00	3234	157.00	98
51.00	3138	75.00	24480	97.00	106	159.00	34
52.00	164	76.00	2046	104.00	202	161.00	46
55.00	148	77.00	265	106.00	204	174.00	37296
56.00	824	78.00	126	116.00	139	175.00	2786
57.00	1427	79.00	1266	117.00	250	176.00	36120
60.00	485	80.00	335	118.00	158	177.00	2570
61.00	2354	81.00	1291	119.00	302	178.00	89
62.00	2380	82.00	255	128.00	148		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 31-Oct-2015 13:01:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033659-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Nov-2015 11:24:14 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK047

First Level Reviewer: tupayachia Date: 01-Nov-2015 11:24:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.239	2.239	0.000	96	86643	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

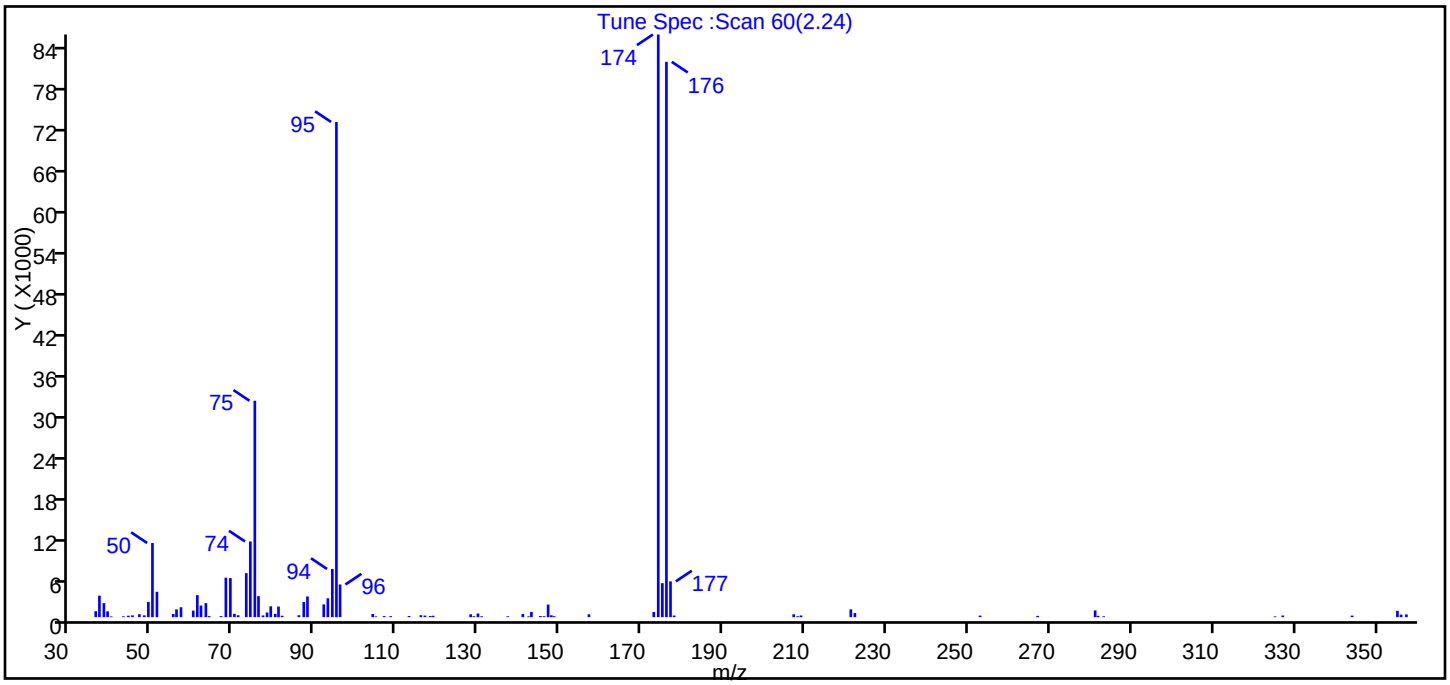
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D
Injection Date: 31-Oct-2015 13:01:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.0
75	30 to 60% of m/z 95	43.7
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	1.0 (0.9)
174	50 to 120% of m/z 95	117.7
175	5 to 9% of m/z 174	6.9 (5.8)
176	Greater than 95% but less than 101% of m/z 174	112.1 (95.3)
177	5 to 9% of m/z 176	7.2 (6.4)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89350.D\8260W_2.rslt\spectra.d
Injection Date: 31-Oct-2015 13:01:30
Spectrum: Tune Spec :Scan 60(2.24)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	870	69.10	5722	106.80	153	175.00	4975
37.00	3147	70.10	489	108.40	143	176.00	81304
38.10	2050	71.00	278	112.90	172	177.00	5239
39.00	851	73.00	6437	115.80	284	177.90	239
39.90	105	74.00	11080	116.80	231	207.20	419
42.90	122	75.10	31680	118.10	163	208.20	132
44.10	213	76.00	3078	118.80	207	209.00	245
45.10	264	77.10	245	128.00	422	221.20	1141
46.80	429	78.10	686	128.80	134	222.20	599
48.00	264	79.00	1586	129.80	533	252.90	226
49.00	2228	80.10	481	130.70	130	267.00	188
50.00	10856	80.90	1550	137.10	125	281.10	985
51.10	3716	81.80	206	140.80	457	281.80	188
55.10	468	85.90	281	142.20	110	283.20	118
55.90	1132	87.10	2215	142.90	760	325.20	111
57.00	1447	88.00	3026	145.10	160	327.10	241
60.00	956	92.00	1873	146.00	129	344.10	232
61.00	3218	93.00	2760	147.00	1840	355.20	928
61.90	1702	94.10	7057	147.80	276	356.10	366
63.10	2058	95.10	72496	148.50	136	357.40	401
63.90	154	96.00	4780	157.00	412		
66.80	154	104.00	461	172.90	749		
68.00	5779	104.80	107	174.00	85304		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89699.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	08-Nov-2015 07:22:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0033958-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	09-Nov-2015 12:25:44	Calib Date:	31-Oct-2015 15:49:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK024				
First Level Reviewer: tupayachia		Date:	09-Nov-2015 12:25:44		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.244	2.244	0.000	94	48597	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

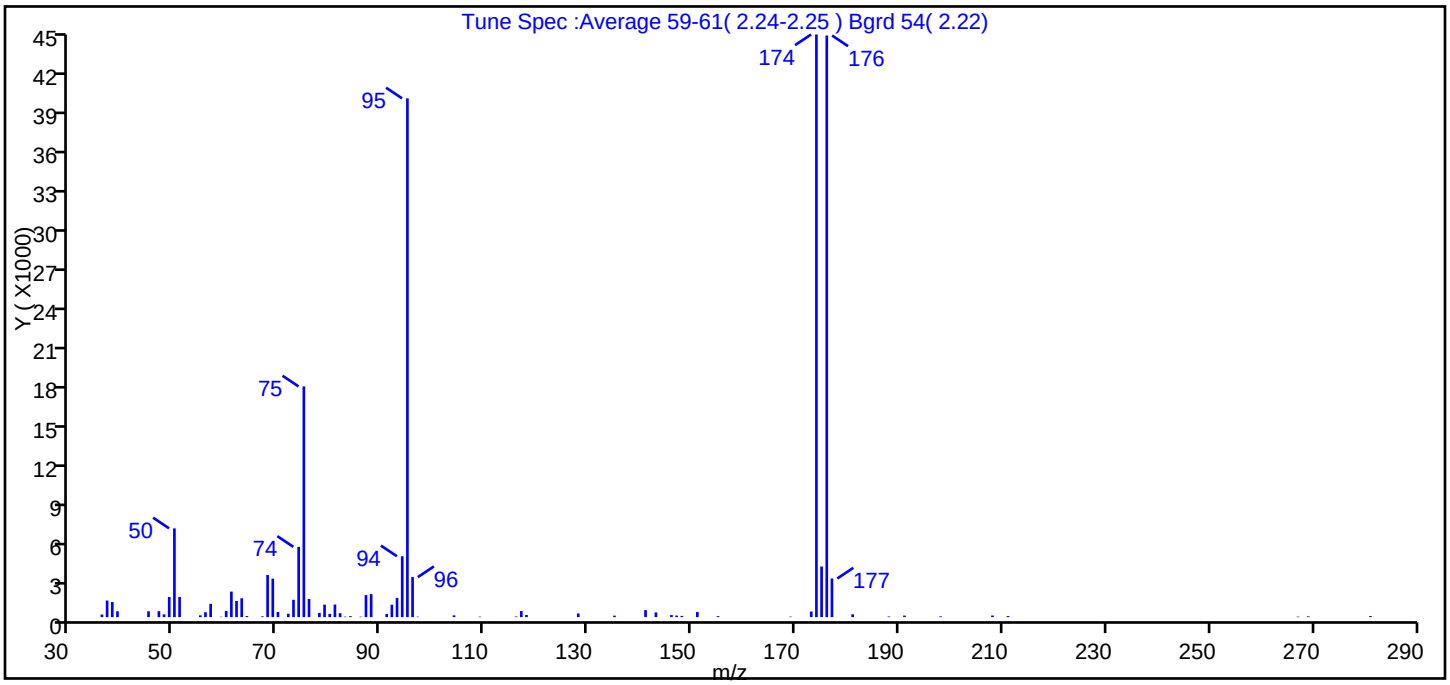
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89699.D
Injection Date: 08-Nov-2015 07:22:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.1
75	30 to 60% of m/z 95	44.5
96	5 to 9% of m/z 95	7.7
173	Less than 2% of m/z 174	1.1 (1.0)
174	50 to 120% of m/z 95	112.3
175	5 to 9% of m/z 174	9.8 (8.7)
176	Greater than 95% but less than 101% of m/z 174	112.1 (99.8)
177	5 to 9% of m/z 176	7.4 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89699.D\8260W_2.rslt\spectra.d
Injection Date: 08-Nov-2015 07:22:30
Spectrum: Tune Spec :Average 59-61(2.24-2.25) Bgrd 54(2.22)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	199	67.00	58	91.00	248	151.00	393
37.00	1274	68.00	3236	92.00	955	155.00	78
38.00	1157	69.00	2955	93.00	1477	169.00	39
39.00	450	70.00	394	94.00	4675	173.00	433
45.00	447	72.00	257	95.00	39824	174.00	44728
47.00	461	73.00	1331	96.00	3075	175.00	3889
48.00	212	74.00	5396	97.00	35	176.00	44648
49.00	1544	75.00	17712	104.00	137	177.00	2966
50.00	6815	76.00	1392	109.00	37	181.00	218
51.00	1549	78.00	328	116.00	49	188.00	48
55.00	138	79.00	961	117.00	467	191.00	122
56.00	377	80.00	249	118.00	165	198.00	58
57.00	1020	81.00	966	128.00	284	208.00	126
59.00	31	82.00	304	135.00	116	211.00	83
60.00	482	83.00	37	141.00	541	267.00	37
61.00	1963	84.00	75	143.00	364	269.00	61
62.00	1244	86.00	36	146.00	160	281.00	80
63.00	1450	87.00	1694	147.00	122		
64.00	83	88.00	1771	148.00	96		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89728.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Nov-2015 10:11:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033978-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 18:33:45 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: boykink Date: 09-Nov-2015 18:33:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.235	2.235	0.000	96	71975	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

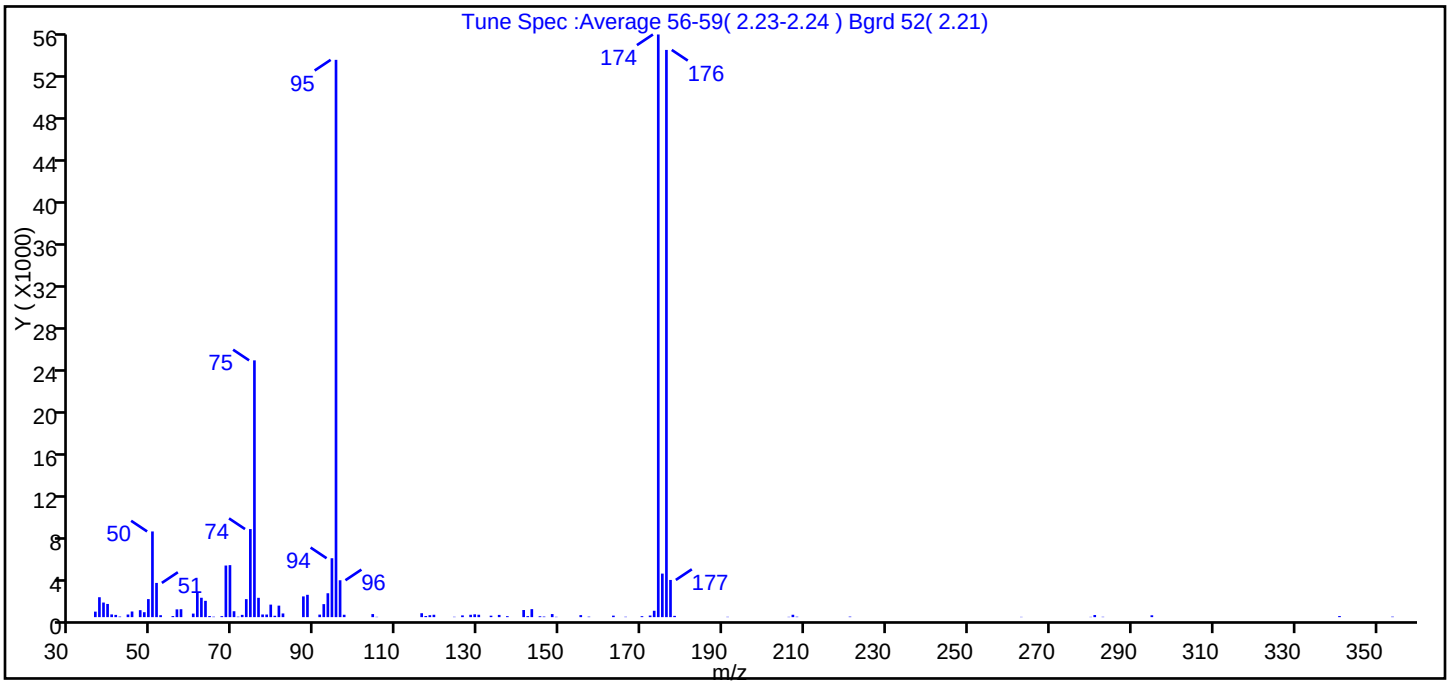
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89728.D
Injection Date: 09-Nov-2015 10:11:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.4
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	1.1 (1.1)
174	50 to 120% of m/z 95	104.6
175	5 to 9% of m/z 174	7.8 (7.5)
176	Greater than 95% but less than 101% of m/z 174	101.8 (97.4)
177	5 to 9% of m/z 176	6.7 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89728.D\8260W_2.rslt\spectra.d
Injection Date: 09-Nov-2015 10:11:30
Spectrum: Tune Spec :Average 56-59(2.23-2.24) Bgrd 52(2.21)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 94

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	529	67.00	97	97.00	229	163.00	144
37.00	1910	68.00	4948	104.00	295	166.00	37
38.00	1399	69.00	4986	105.00	29	170.00	92
39.00	1265	70.00	567	116.00	377	172.00	153
40.00	262	71.00	46	117.00	108	173.00	612
41.00	217	72.00	219	118.00	187	174.00	55856
42.00	54	73.00	1726	119.00	228	175.00	4175
44.00	251	74.00	8443	124.00	34	176.00	54376
45.00	542	75.00	24616	126.00	168	177.00	3566
47.00	668	76.00	1854	128.00	226	178.00	122
48.00	474	77.00	255	129.00	271	191.00	31
49.00	1730	78.00	251	130.00	230	206.00	29
50.00	8215	79.00	1201	133.00	141	207.00	229
51.00	3281	80.00	133	135.00	214	208.00	41
52.00	186	81.00	1104	137.00	93	221.00	50
55.00	103	82.00	354	141.00	683	263.00	25
56.00	746	87.00	1989	142.00	96	280.00	27
57.00	761	88.00	2141	143.00	769	281.00	203
60.00	340	91.00	243	145.00	82	283.00	33
61.00	2364	92.00	1248	146.00	56	295.00	178
62.00	1859	93.00	2291	148.00	296	341.00	103
63.00	1564	94.00	5647	149.00	32	354.00	47
64.00	104	95.00	53424	155.00	195		
65.00	44	96.00	3536	157.00	47		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89838.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Nov-2015 08:48:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034104-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 15:21:22 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: martineze Date: 11-Nov-2015 08:57:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.231	2.231	0.000	96	83838	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

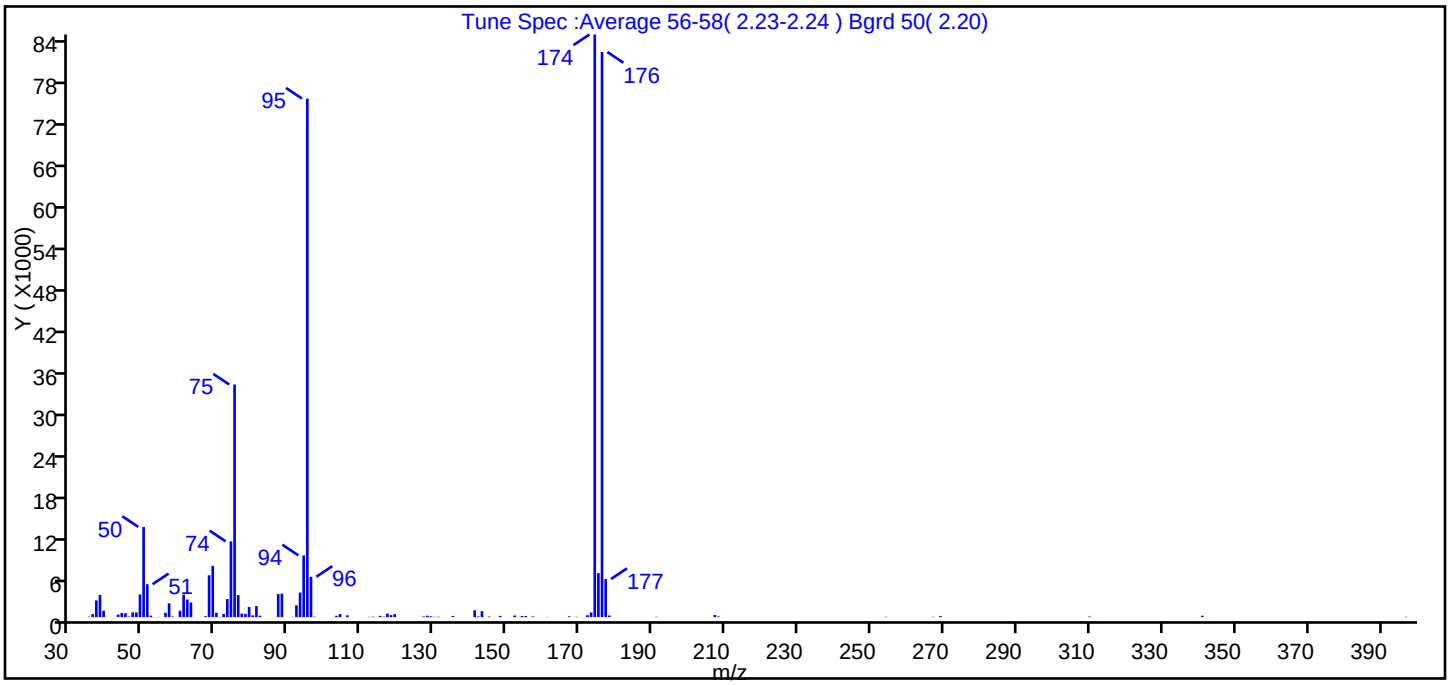
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89838.D
Injection Date: 11-Nov-2015 08:48:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.4
75	30 to 60% of m/z 95	44.9
96	5 to 9% of m/z 95	7.8
173	Less than 2% of m/z 174	0.9 (0.8)
174	50 to 120% of m/z 95	112.4
175	5 to 9% of m/z 174	8.5 (7.6)
176	Greater than 95% but less than 101% of m/z 174	109.0 (97.0)
177	5 to 9% of m/z 176	7.3 (6.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89838.D\8260W_2.rslt\spectra.d
Injection Date: 11-Nov-2015 08:48:30
Spectrum: Tune Spec :Average 56-58(2.23-2.24) Bgrd 50(2.20)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 92

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	70	67.00	138	96.00	5840	152.00	241
36.00	440	68.00	6057	97.00	65	154.00	159
37.00	2423	69.00	7435	103.00	203	155.00	160
38.00	3227	70.00	628	104.00	457	157.00	105
39.00	926	71.00	34	106.00	263	161.00	34
43.00	371	72.00	454	112.00	40	167.00	120
44.00	613	73.00	2616	113.00	76	169.00	48
45.00	567	74.00	10980	115.00	190	172.00	277
46.00	82	75.00	33680	116.00	77	173.00	674
47.00	684	76.00	3189	117.00	525	174.00	84360
48.00	689	77.00	523	118.00	295	175.00	6370
49.00	3272	78.00	471	119.00	432	176.00	81816
50.00	13063	79.00	1469	127.00	99	177.00	5518
51.00	4768	80.00	252	128.00	212	178.00	231
52.00	219	81.00	1603	129.00	118	191.00	55
54.00	36	82.00	214	130.00	43	207.00	313
56.00	630	87.00	3342	131.00	62	208.00	92
57.00	2006	88.00	3405	135.00	167	254.00	54
58.00	89	91.00	42	141.00	1004	267.00	50
60.00	921	92.00	1705	142.00	95	269.00	154
61.00	3258	93.00	3562	143.00	862	310.00	87
62.00	2546	94.00	8940	145.00	84	341.00	201
63.00	2127	95.00	75080	148.00	177	397.00	53

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89868.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Nov-2015 21:30:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0034133-001
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 09:51:01 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 136 BFB	95	2.248	2.248	0.000	97	92344	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

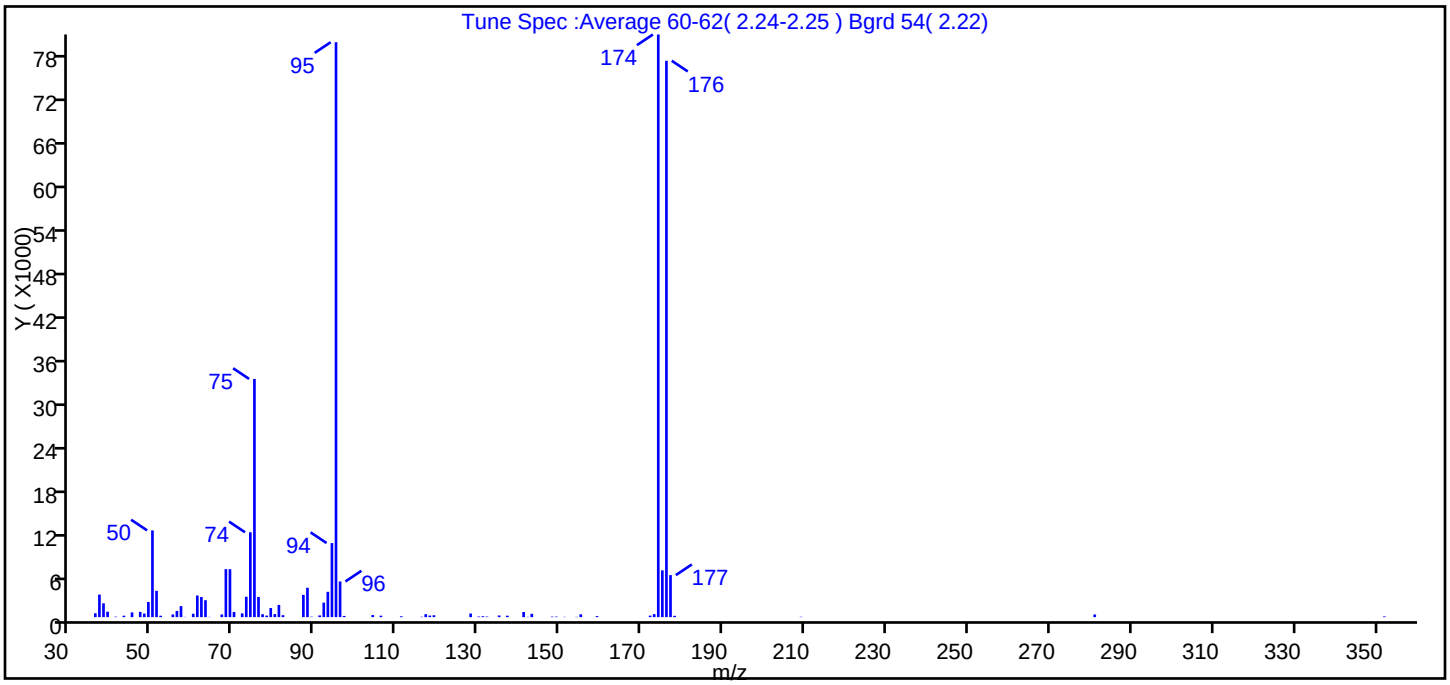
BFB_00008 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89868.D
Injection Date: 11-Nov-2015 21:30:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.1
75	30 to 60% of m/z 95	41.4
96	5 to 9% of m/z 95	6.2
173	Less than 2% of m/z 174	0.5 (0.5)
174	50 to 120% of m/z 95	101.3
175	5 to 9% of m/z 174	8.1 (8.0)
176	Greater than 95% but less than 101% of m/z 174	96.8 (95.5)
177	5 to 9% of m/z 176	7.3 (7.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89868.D\8260W_2.rslt\spectra.d
Injection Date: 11-Nov-2015 21:30:30
Spectrum: Tune Spec :Average 60-62(2.24-2.25) Bgrd 54(2.22)
Base Peak: 174.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	535	63.00	2331	91.00	237	141.00	706
37.00	3103	64.00	33	92.00	1998	142.00	40
38.00	1903	67.00	368	93.00	3483	143.00	458
39.00	746	68.00	6604	94.00	10189	148.00	72
41.00	65	69.00	6596	95.00	79064	149.00	74
43.00	196	70.00	713	96.00	4905	151.00	38
45.00	653	72.00	520	97.00	168	154.00	41
47.00	722	73.00	2806	104.00	287	155.00	390
48.00	486	74.00	11672	106.00	204	159.00	142
49.00	2082	75.00	32760	111.00	120	172.00	209
50.00	11929	76.00	2782	116.00	54	173.00	416
51.00	3619	77.00	400	117.00	409	174.00	80128
52.00	196	78.00	214	118.00	217	175.00	6436
55.00	366	79.00	1254	119.00	260	176.00	76512
56.00	852	80.00	419	128.00	493	177.00	5782
57.00	1514	81.00	1677	130.00	82	178.00	181
58.00	34	82.00	273	131.00	127	209.00	51
60.00	467	87.00	3065	132.00	78	281.00	364
61.00	2976	88.00	4043	135.00	230	352.00	99
62.00	2767	89.00	60	137.00	199		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46727.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 06-Nov-2015 05:31:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033885-001
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-Nov-2015 10:39:23 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK050

First Level Reviewer: tupayachia Date: 06-Nov-2015 10:39:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.026	4.026	0.000	88	285367	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

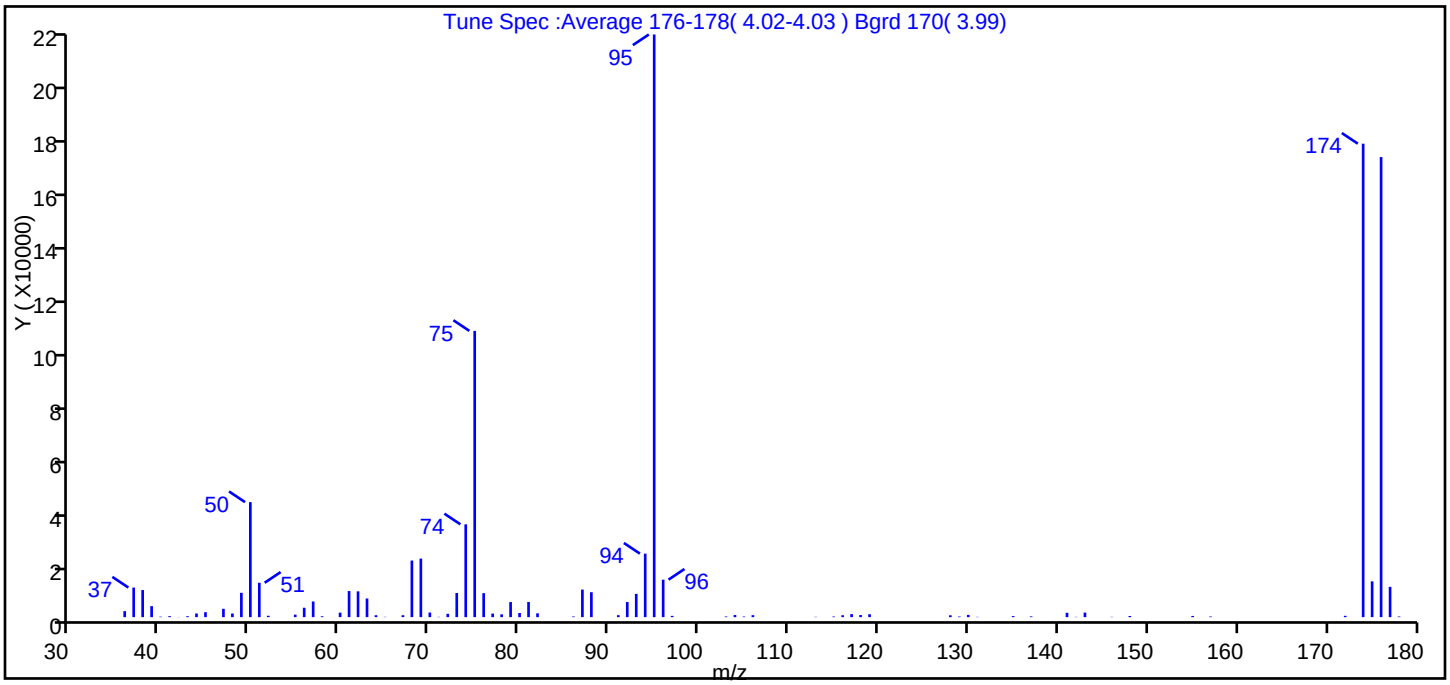
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46727.D
Injection Date: 06-Nov-2015 05:31:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	49.1
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	81.3
175	5 to 9% of m/z 174	6.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	79.0 (97.2)
177	5 to 9% of m/z 176	5.2 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46727.D\8260S9.rslt\spectra.d
Injection Date: 06-Nov-2015 05:31:30
Spectrum: Tune Spec :Average 176-178(4.02-4.03) Bgrd 170(3.99)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2182	61.00	9487	86.00	246	129.00	222
37.00	10752	62.00	9379	87.00	10019	130.00	794
38.00	9847	63.00	6779	88.00	9057	131.00	100
39.00	3992	64.00	695	91.00	719	135.00	387
40.00	175	65.00	111	92.00	5494	137.00	273
41.00	357	67.00	698	93.00	8460	141.00	1580
42.00	47	68.00	20568	94.00	23080	142.00	103
43.00	339	69.00	21272	95.00	211712	143.00	1654
44.00	1322	70.00	1678	96.00	13618	146.00	110
45.00	1801	71.00	104	97.00	466	148.00	418
47.00	3026	72.00	1204	103.00	248	155.00	434
48.00	1327	73.00	8777	104.00	773	157.00	231
49.00	8846	74.00	33720	105.00	221	172.00	484
50.00	41792	75.00	104008	106.00	718	174.00	172032
51.00	12494	76.00	8718	113.00	114	175.00	13010
52.00	503	77.00	1300	115.00	230	176.00	167168
55.00	903	78.00	1019	116.00	694	177.00	11004
56.00	3412	79.00	5481	117.00	1094	178.00	236
57.00	5692	80.00	1508	118.00	768		
58.00	313	81.00	5507	119.00	1058		
60.00	1636	82.00	1384	128.00	671		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46829.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Nov-2015 09:51:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0033985-001
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:53:28 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: delpolitov Date: 09-Nov-2015 16:53:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.010	4.010	0.000	88	165808	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

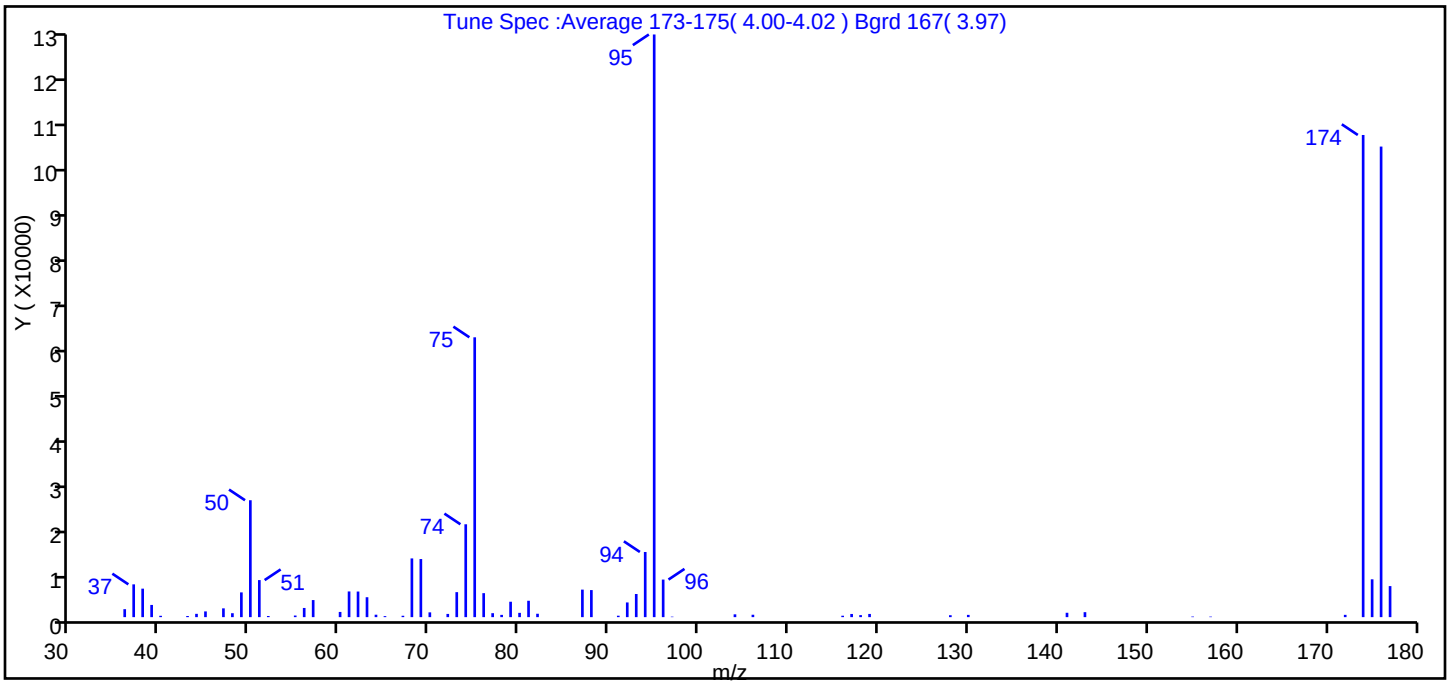
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46829.D
Injection Date: 09-Nov-2015 09:51:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.1
75	30 to 60% of m/z 95	48.0
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	82.8
175	5 to 9% of m/z 174	6.5 (7.8)
176	Greater than 95% but less than 101% of m/z 174	80.8 (97.6)
177	5 to 9% of m/z 176	5.3 (6.6)

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46829.D\8260S9.rslt\spectra.d
Injection Date: 09-Nov-2015 09:51:30
Spectrum: Tune Spec :Average 173-175(4.00-4.02) Bgrd 167(3.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1696	57.00	3630	77.00	843	106.00	512
37.00	6972	60.00	1107	78.00	483	116.00	301
38.00	6057	61.00	5463	79.00	3276	117.00	676
39.00	2595	62.00	5444	80.00	911	118.00	431
40.00	288	63.00	4235	81.00	3483	119.00	681
43.00	241	64.00	518	82.00	722	128.00	408
44.00	704	65.00	218	87.00	5852	130.00	481
45.00	1219	67.00	294	88.00	5754	141.00	929
47.00	1869	68.00	12486	91.00	305	143.00	1058
48.00	837	69.00	12351	92.00	3125	155.00	124
49.00	5263	70.00	1019	93.00	4920	157.00	113
50.00	24856	72.00	686	94.00	13853	172.00	489
51.00	7877	73.00	5315	95.00	123880	174.00	102512
52.00	241	74.00	19744	96.00	7987	175.00	8043
55.00	342	75.00	59496	97.00	103	176.00	100048
56.00	1952	76.00	5099	104.00	599	177.00	6601

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46881.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Nov-2015 09:26:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0034050-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	10-Nov-2015 13:30:37	Calib Date:	06-Nov-2015 08:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK027				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.010	4.010	0.000	84	155070	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

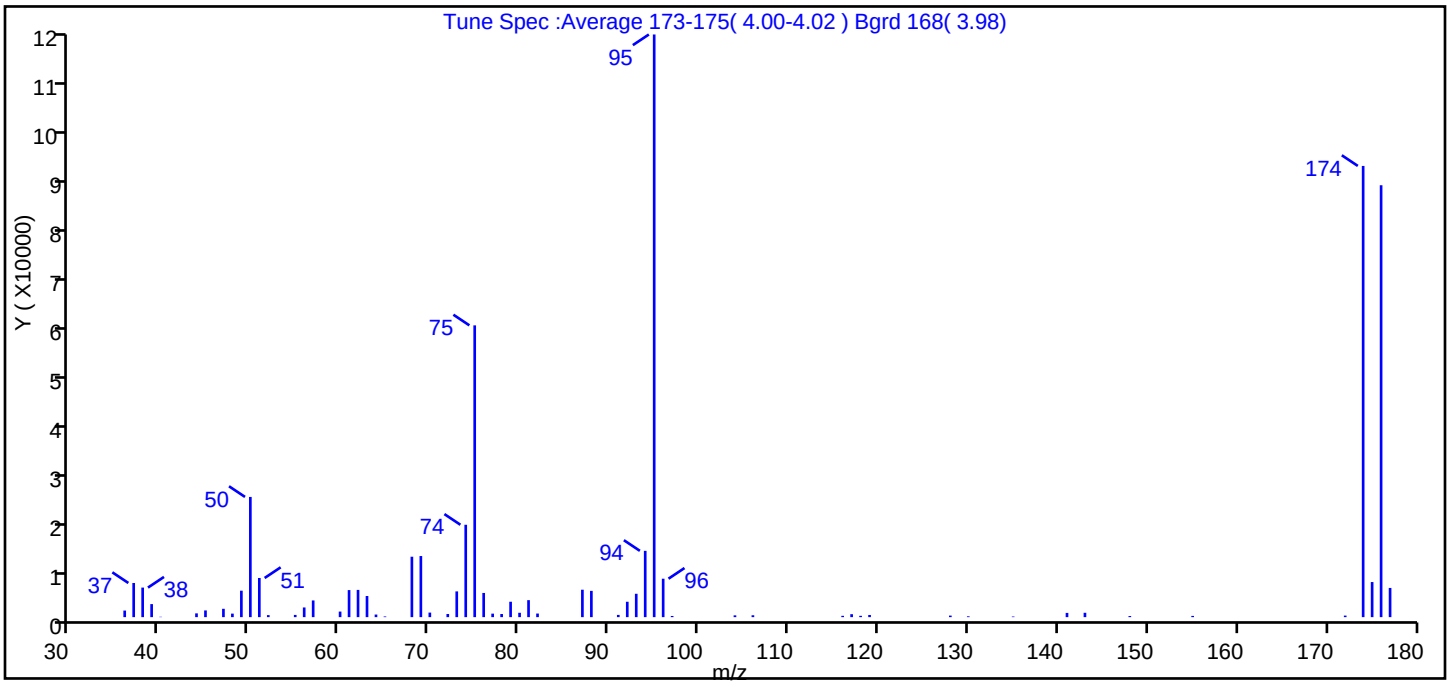
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46881.D
Injection Date: 10-Nov-2015 09:26:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.6
75	30 to 60% of m/z 95	50.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	77.4
175	5 to 9% of m/z 174	6.0 (7.8)
176	Greater than 95% but less than 101% of m/z 174	74.1 (95.7)
177	5 to 9% of m/z 176	5.0 (6.8)

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46881.D\8260S9.rslt\spectra.d
Injection Date: 10-Nov-2015 09:26:30
Spectrum: Tune Spec :Average 173-175(4.00-4.02) Bgrd 168(3.98)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1284	60.00	1085	79.00	3003	117.00	578
37.00	6655	61.00	5272	80.00	851	118.00	260
38.00	5759	62.00	5308	81.00	3311	119.00	422
39.00	2544	63.00	4119	82.00	702	128.00	300
40.00	68	64.00	507	87.00	5345	130.00	161
44.00	735	65.00	133	88.00	5119	135.00	119
45.00	1308	68.00	11774	91.00	435	141.00	823
47.00	1626	69.00	11907	92.00	2999	143.00	848
48.00	688	70.00	888	93.00	4554	148.00	214
49.00	5157	72.00	615	94.00	12918	155.00	242
50.00	23424	73.00	5018	95.00	113536	172.00	300
51.00	7630	74.00	18000	96.00	7490	174.00	87920
52.00	396	75.00	56856	97.00	229	175.00	6839
55.00	433	76.00	4713	104.00	347	176.00	84160
56.00	1887	77.00	684	106.00	367	177.00	5692
57.00	3255	78.00	612	116.00	258		

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46907.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Nov-2015 21:24:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0034066-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	11-Nov-2015 00:08:50	Calib Date:	06-Nov-2015 08:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK013				
First Level Reviewer: starzecm		Date:	11-Nov-2015 00:08:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 138 BFB	95	4.010	4.010	0.000	88	91349	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

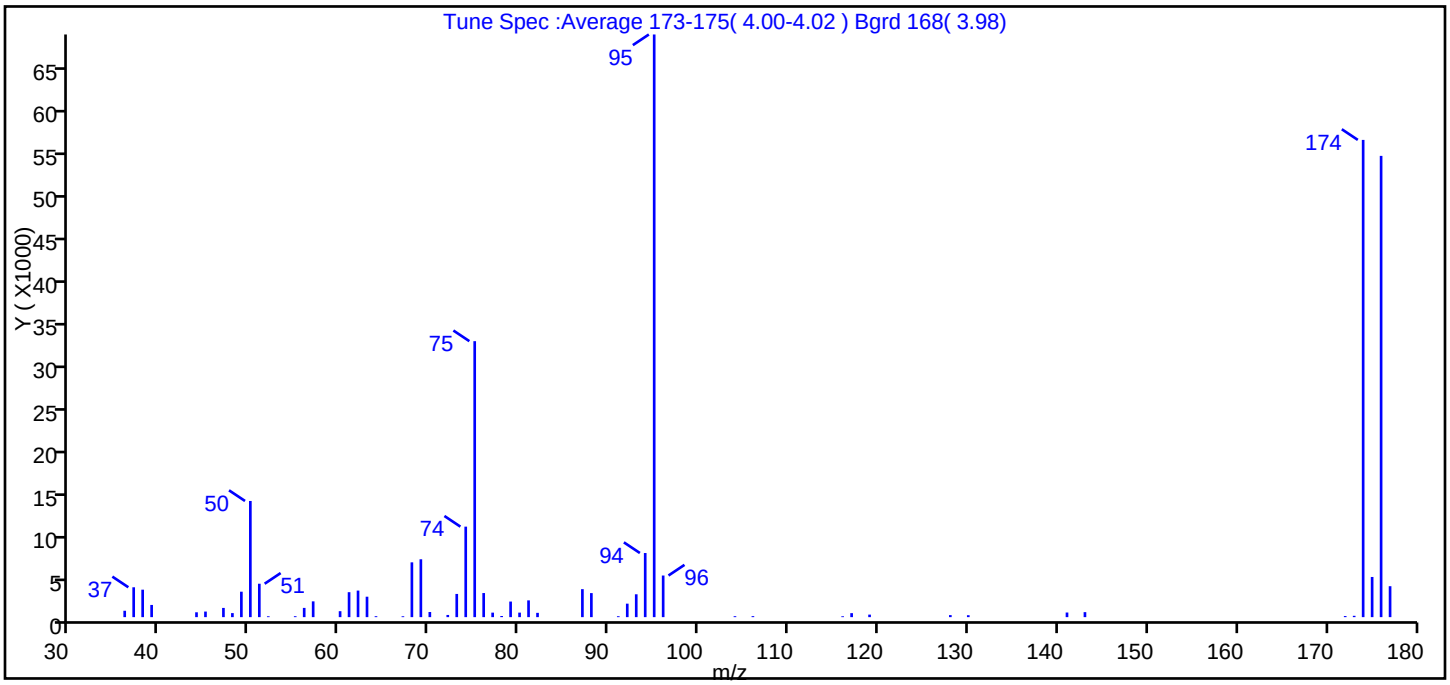
VMBFBn_00005 Amount Added: 1.00 Units: uL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46907.D
Injection Date: 10-Nov-2015 21:24:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 138 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.9
75	30 to 60% of m/z 95	47.4
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.2 (0.3)
174	50 to 120% of m/z 95	81.9
175	5 to 9% of m/z 174	6.9 (8.4)
176	Greater than 95% but less than 101% of m/z 174	79.2 (96.7)
177	5 to 9% of m/z 176	5.3 (6.7)

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46907.D\8260S9.rslt\spectra.d
Injection Date: 10-Nov-2015 21:24:30
Spectrum: Tune Spec :Average 173-175(4.00-4.02) Bgrd 168(3.98)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 58

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	751	60.00	701	78.00	134	116.00	102
37.00	3515	61.00	2937	79.00	1835	117.00	471
38.00	3233	62.00	3126	80.00	532	119.00	298
39.00	1436	63.00	2405	81.00	1974	128.00	239
44.00	572	64.00	111	82.00	505	130.00	227
45.00	657	67.00	102	87.00	3295	141.00	544
47.00	1086	68.00	6450	88.00	2830	143.00	589
48.00	476	69.00	6811	91.00	107	172.00	129
49.00	2995	70.00	604	92.00	1587	173.00	157
50.00	13672	72.00	258	93.00	2691	174.00	56168
51.00	3933	73.00	2731	94.00	7547	175.00	4728
52.00	101	74.00	10651	95.00	68576	176.00	54288
55.00	109	75.00	32480	96.00	4899	177.00	3642
56.00	1088	76.00	2836	104.00	110		
57.00	1858	77.00	531	106.00	117		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333935/7

Matrix: Solid | Lab File ID: B89705.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 10:06

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333935/7

Matrix: Solid | Lab File ID: B89705.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 10:06

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	98		72-136
460-00-4	Bromofluorobenzene	97		64-131
1868-53-7	Dibromofluoromethane (Surr)	99		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-333935/7

Matrix: Solid Lab File ID: B89705.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/08/2015 10:06

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.: 333935 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: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89705.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2015 10:06:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0033958-007
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 12:27:05 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK024

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:27:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	86	141245	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.669	3.677	-0.008	98	158650	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	92	106076	50.0	49.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	95	103590	50.0	47.5	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	420956	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	93	16106	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	353431	50.0	49.2	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	365601	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	150807	50.0	48.3	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	217034	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

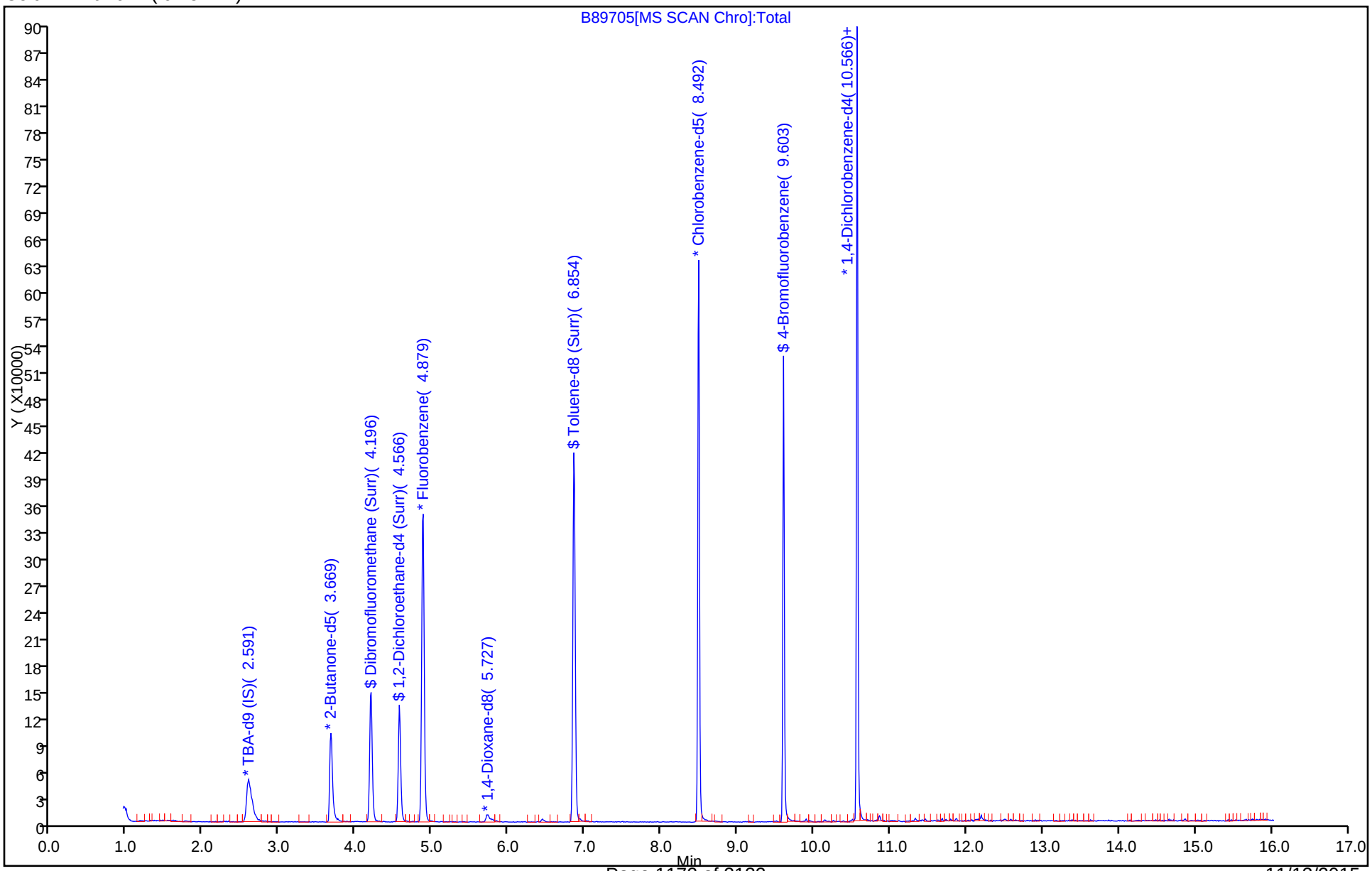
Report Date: 09-Nov-2015 12:27:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89705.D

Injection Date:	08-Nov-2015 10:06:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334020/7

Matrix: Solid | Lab File ID: B89734.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 12:51

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334020/7

Matrix: Solid | Lab File ID: B89734.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 12:51

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		69-145
2037-26-5	Toluene-d8 (Surr)	101		72-136
460-00-4	Bromofluorobenzene	96		64-131
1868-53-7	Dibromofluoromethane (Surr)	101		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334020/7

Matrix: Solid Lab File ID: B89734.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/09/2015 12:51

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.: 334020 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: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89734.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Nov-2015 12:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0033978-007
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 18:40:17 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: boykink Date: 09-Nov-2015 18:40:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.583	2.583	0.000	87	141525	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.669	3.661	0.008	99	154483	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.188	4.188	0.000	92	107680	50.0	50.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	94	100660	50.0	46.4	
* 62 Fluorobenzene	96	4.871	4.871	0.000	100	418734	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.727	5.702	0.025	89	15065	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	100	360654	50.0	50.7	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	83	362173	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	147729	50.0	47.8	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	208604	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

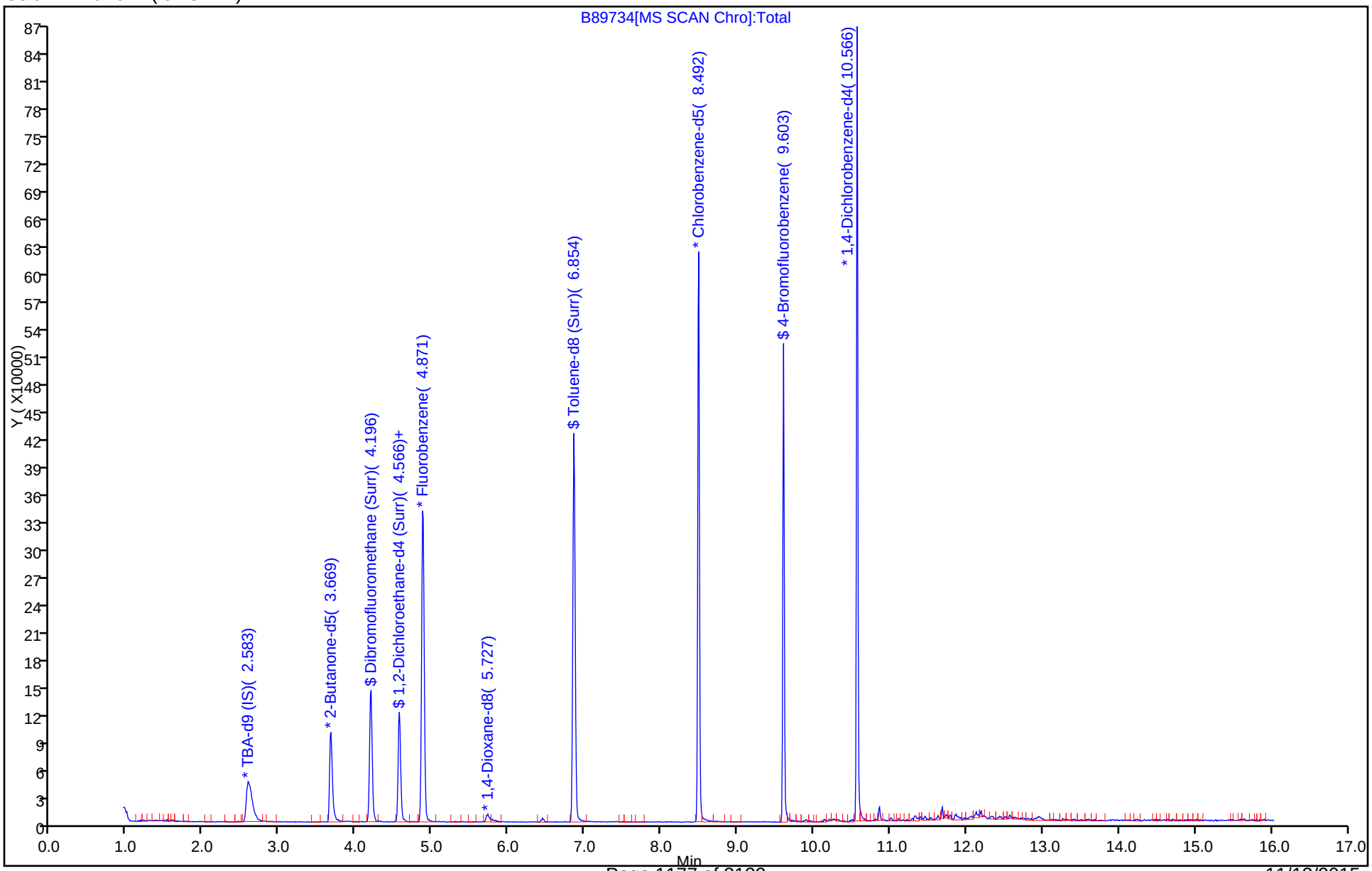
Report Date: 09-Nov-2015 18:40:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89734.D

Injection Date:	09-Nov-2015 12:51:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334049/7

Matrix: Solid | Lab File ID: K46835.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 13:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334049/7

Matrix: Solid | Lab File ID: K46835.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 13:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	99		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334049/7

Matrix: Solid Lab File ID: K46835.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/09/2015 13:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334049 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46835.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Nov-2015 13:13:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0033985-007
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:57:29 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: delpolitov Date: 09-Nov-2015 16:57:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.292	3.281	0.011	99	296645	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.384	4.373	0.011	100	252154	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	127778	50.0	53.1	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	96	134434	50.0	51.9	
* 61 Fluorobenzene	96	5.502	5.496	0.006	98	398822	50.0	50.0	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	98	23295	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.181	7.181	0.000	98	388513	50.0	49.8	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	263749	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	92	126994	50.0	49.6	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	96	141379	50.0	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

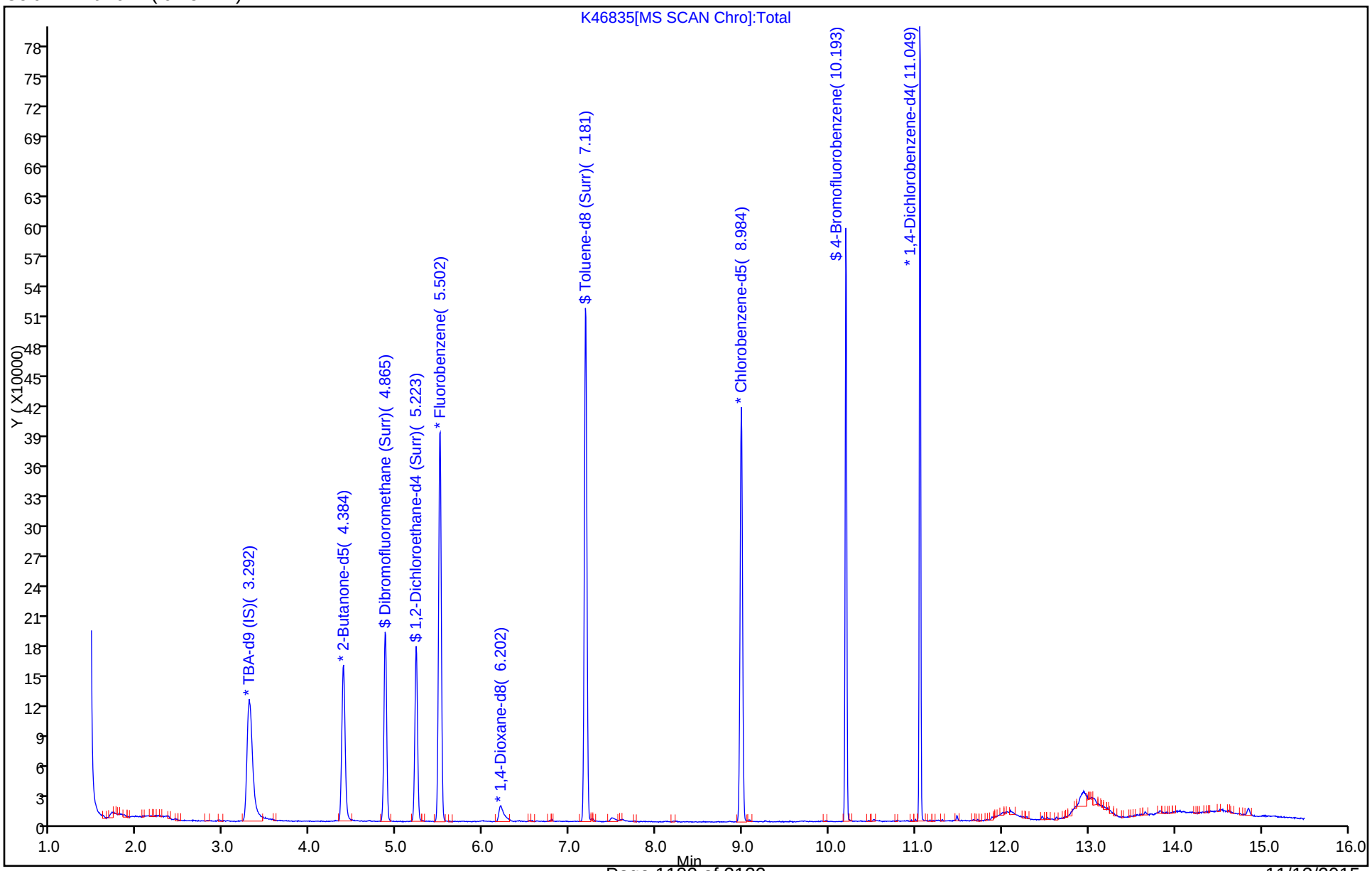
Report Date: 09-Nov-2015 16:57:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46835.D

Injection Date:	09-Nov-2015 13:13:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334331/6

Matrix: Solid | Lab File ID: K46886.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:46

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334331/6

Matrix: Solid | Lab File ID: K46886.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 11:46

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334331/6

Matrix: Solid Lab File ID: K46886.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 11:46

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.: 334331 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46886.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 11:46:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034050-006
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 17:25:43 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: starzecm Date: 10-Nov-2015 17:25:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.292	3.298	-0.006	100	257262	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.384	4.384	0.000	100	212775	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	124399	50.0	52.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.224	5.223	0.001	97	125897	50.0	49.8	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	389111	50.0	50.0	
* 69 1,4-Dioxane-d8	96	6.203	6.197	0.006	96	19497	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	99	381050	50.0	50.1	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	257075	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	93	125751	50.0	50.4	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	97	139289	50.0	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

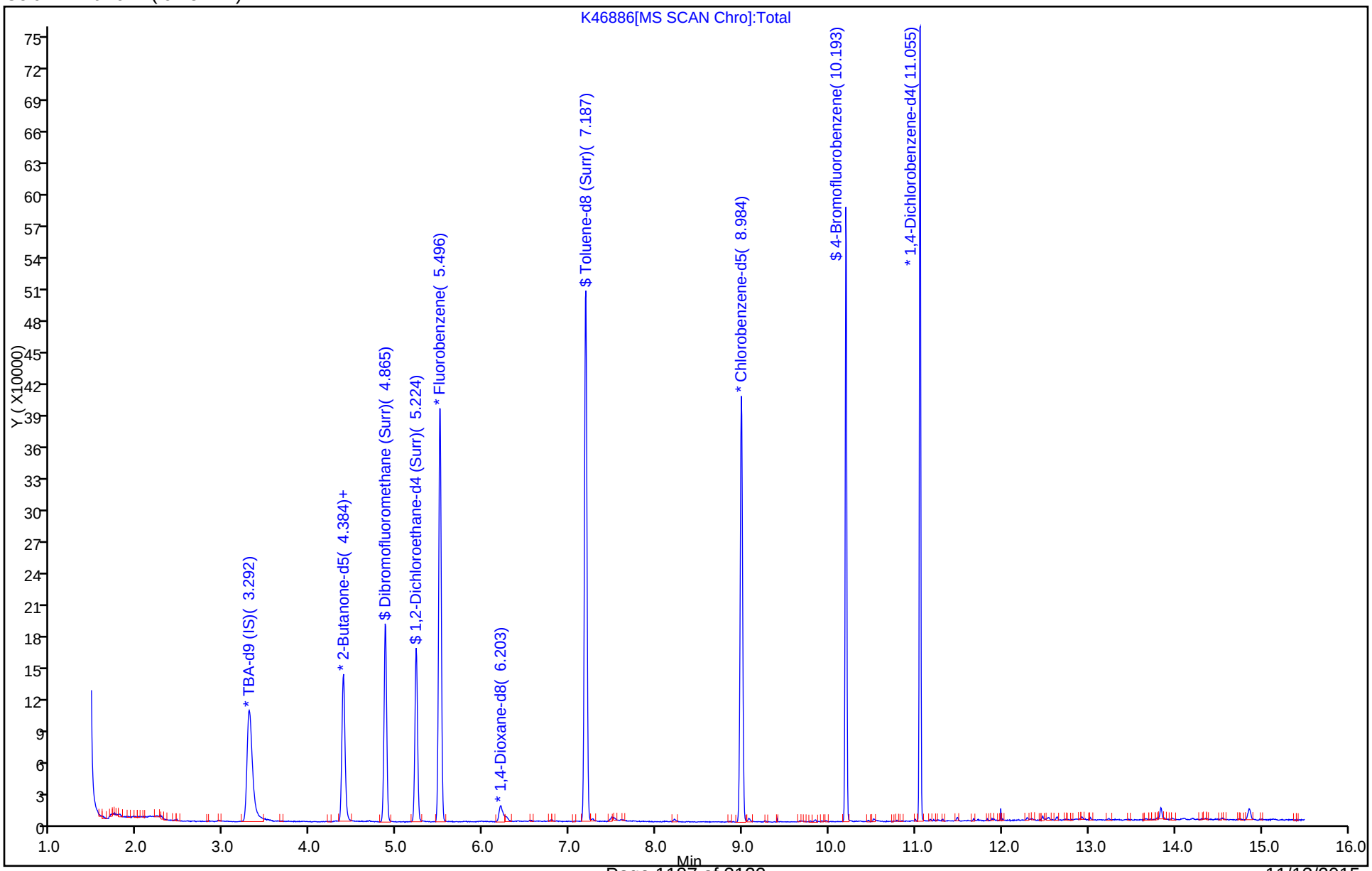
Report Date: 10-Nov-2015 17:25:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46886.D

Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334450/6

Matrix: Solid | Lab File ID: K46912.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:58

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.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.38	U	1.0	0.38
74-83-9	Bromomethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.39	U	1.0	0.39
75-00-3	Chloroethane	0.35	U	1.0	0.35
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.43	U	1.0	0.43
75-69-4	Trichlorofluoromethane	0.34	U	1.0	0.34
75-35-4	1,1-Dichloroethene	0.41	U	1.0	0.41
75-34-3	1,1-Dichloroethane	0.34	U	1.0	0.34
156-60-5	trans-1,2-Dichloroethene	0.39	U	1.0	0.39
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
67-66-3	Chloroform	0.21	U	1.0	0.21
78-93-3	2-Butanone	0.77	U	5.0	0.77
107-06-2	1,2-Dichloroethane	0.11	U	1.0	0.11
71-55-6	1,1,1-Trichloroethane	0.38	U	1.0	0.38
56-23-5	Carbon tetrachloride	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.13	U	1.0	0.13
100-42-5	Styrene	0.15	U	1.0	0.15
100-41-4	Ethylbenzene	0.18	U	1.0	0.18
108-90-7	Chlorobenzene	0.14	U	1.0	0.14
110-82-7	Cyclohexane	0.46	U	1.0	0.46
98-82-8	Isopropylbenzene	0.17	U	1.0	0.17
591-78-6	2-Hexanone	0.94	U	5.0	0.94
1634-04-4	MTBE	0.17	U	1.0	0.17
76-13-1	Freon TF	0.44	U	1.0	0.44
79-20-9	Methyl acetate	0.90	U	5.0	0.90
123-91-1	1,4-Dioxane	6.4	U	20	6.4
79-01-6	Trichloroethene	0.26	U	1.0	0.26
108-88-3	Toluene	0.19	U	1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	0.10	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	2.2	U	5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	0.15	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	0.14	U	1.0	0.14
541-73-1	1,3-Dichlorobenzene	0.12	U	1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334450/6

Matrix: Solid | Lab File ID: K46912.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:58

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.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.13	U	1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	0.32	U	1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	0.11	U	1.0	0.11
78-87-5	1,2-Dichloropropane	0.17	U	1.0	0.17
108-87-2	Methylcyclohexane	0.50	U	1.0	0.50
127-18-4	Tetrachloroethene	0.28	U	1.0	0.28
1330-20-7	Xylenes, Total	0.11	U	2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	0.47	U	1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	0.28	U	1.0	0.28
124-48-1	Dibromochloromethane	0.15	U	1.0	0.15
106-93-4	1,2-Dibromoethane	0.12	U	1.0	0.12
75-71-8	Dichlorodifluoromethane	0.32	U	1.0	0.32
74-97-5	Bromochloromethane	0.17	U	1.0	0.17
75-27-4	Bromodichloromethane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		78-135
2037-26-5	Toluene-d8 (Surr)	94		73-121
460-00-4	Bromofluorobenzene	98		67-126
1868-53-7	Dibromofluoromethane (Surr)	102		61-149

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334450/6

Matrix: Solid Lab File ID: K46912.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 23:58

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.: 334450 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: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46912.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 23:58:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034066-006
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:04:29 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: delpolitov Date: 11-Nov-2015 12:04:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 26 TBA-d9 (IS)	65	3.308	3.292	0.016	100	327655	1000.0	1000.0	
* 39 2-Butanone-d5	46	4.389	4.378	0.011	100	252847	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.870	4.865	0.005	0	135620	50.0	50.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.229	5.224	0.005	96	136767	50.0	47.6	
* 61 Fluorobenzene	96	5.502	5.496	0.006	98	442029	50.0	50.0	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	98	23175	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.187	7.182	0.005	99	422920	50.0	47.0	
* 91 Chlorobenzene-d5	117	8.990	8.984	0.006	87	304155	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	10.199	10.193	0.006	90	144909	50.0	49.1	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	96	172522	50.0	50.0	

Reagents:

8260SURR250_00098 Amount Added: 1.00 Units: uL Run Reagent
8260ISNEW_00038 Amount Added: 1.00 Units: uL Run Reagent

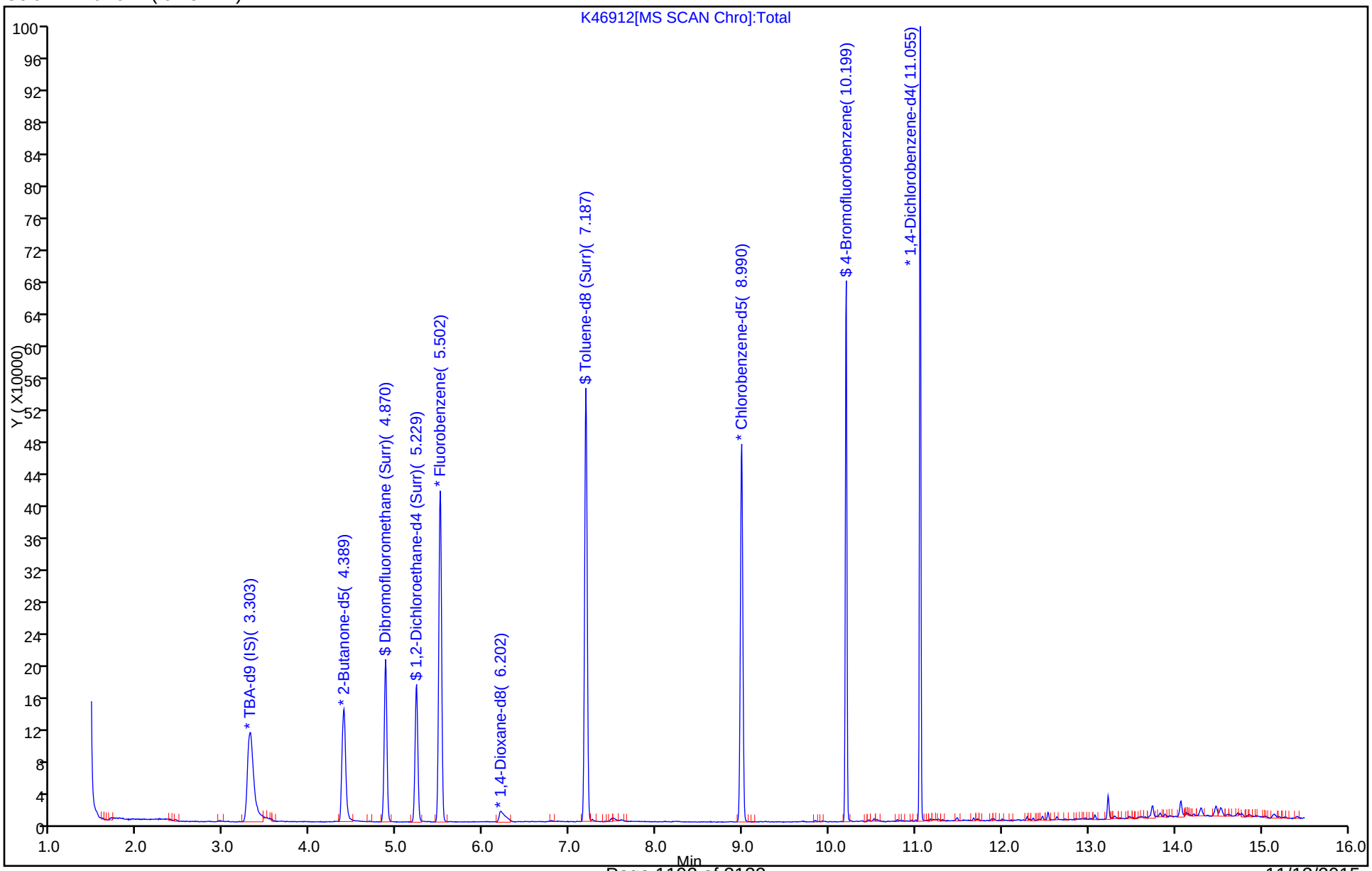
Report Date: 11-Nov-2015 12:04:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46912.D

Injection Date:	10-Nov-2015 23:58:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334459/7

Matrix: Water | Lab File ID: O03990.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.22	U	1.0	0.22
74-83-9	Bromomethane	0.18	U	1.0	0.18
75-01-4	Vinyl chloride	0.060	U	1.0	0.060
75-00-3	Chloroethane	0.37	U	1.0	0.37
75-09-2	Methylene Chloride	0.21	U	1.0	0.21
67-64-1	Acetone	1.1	U	5.0	1.1
75-15-0	Carbon disulfide	0.22	U	1.0	0.22
75-69-4	Trichlorofluoromethane	0.15	U	1.0	0.15
75-35-4	1,1-Dichloroethene	0.34	U	1.0	0.34
75-34-3	1,1-Dichloroethane	0.24	U	1.0	0.24
156-60-5	trans-1,2-Dichloroethene	0.18	U	1.0	0.18
156-59-2	cis-1,2-Dichloroethene	0.26	U	1.0	0.26
67-66-3	Chloroform	0.22	U	1.0	0.22
78-93-3	2-Butanone	2.2	U	5.0	2.2
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25
71-55-6	1,1,1-Trichloroethane	0.28	U	1.0	0.28
56-23-5	Carbon tetrachloride	0.33	U	1.0	0.33
71-43-2	Benzene	0.090	U	1.0	0.090
75-25-2	Bromoform	0.18	U	1.0	0.18
100-42-5	Styrene	0.17	U	1.0	0.17
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-90-7	Chlorobenzene	0.24	U	1.0	0.24
110-82-7	Cyclohexane	0.26	U	1.0	0.26
98-82-8	Isopropylbenzene	0.32	U	1.0	0.32
591-78-6	2-Hexanone	0.72	U	5.0	0.72
1634-04-4	MTBE	0.13	U	1.0	0.13
76-13-1	Freon TF	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.58	U	5.0	0.58
123-91-1	1,4-Dioxane	8.7	U	50	8.7
79-01-6	Trichloroethene	0.22	U	1.0	0.22
108-88-3	Toluene	0.25	U	1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	0.19	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	0.63	U	5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.16	U	1.0	0.16
95-50-1	1,2-Dichlorobenzene	0.22	U	1.0	0.22
541-73-1	1,3-Dichlorobenzene	0.33	U	1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334459/7

Matrix: Water | Lab File ID: O03990.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 23:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	0.27	U	1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	0.35	U	1.0	0.35
78-87-5	1,2-Dichloropropane	0.18	U	1.0	0.18
108-87-2	Methylcyclohexane	0.22	U	1.0	0.22
127-18-4	Tetrachloroethene	0.12	U	1.0	0.12
1330-20-7	Xylenes, Total	0.28	U	2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.23	U	1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	0.19	U	1.0	0.19
79-00-5	1,1,2-Trichloroethane	0.080	U	1.0	0.080
124-48-1	Dibromochloromethane	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.19	U	1.0	0.19
75-71-8	Dichlorodifluoromethane	0.14	U	1.0	0.14
74-97-5	Bromochloromethane	0.30	U	1.0	0.30
75-27-4	Bromodichloromethane	0.15	U	1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-137
2037-26-5	Toluene-d8 (Surr)	96		74-120
460-00-4	Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	96		72-136

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334459/7

Matrix: Water Lab File ID: O03990.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2015 23:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 334459 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: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03990.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 23:00:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0034068-007
Operator ID: Instrument ID: CVOAMS12

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 16:26:21 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: delpolitov Date: 11-Nov-2015 16:26:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.208	2.214	-0.006	97	342438	1000.0	1000.0	
* 52 2-Butanone-d5	46	3.090	3.096	-0.006	0	353714	250.0	250.0	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	96	119684	50.0	47.8	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.839	3.839	0.000	96	157933	50.0	48.1	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	477430	50.0	50.0	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	96	39874	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	5.944	5.944	0.000	99	507272	50.0	47.8	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	395219	50.0	50.0	
$ 106 4-Bromofluorobenzene	174	9.715	9.721	-0.006	87	154972	50.0	50.1	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.000	97	210115	50.0	50.0	

Reagents:

8260ISNEW_00036 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00095 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 16:26:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03990.D

Injection Date: 10-Nov-2015 23:00:30 Instrument ID: CVOAMS12 Operator ID:

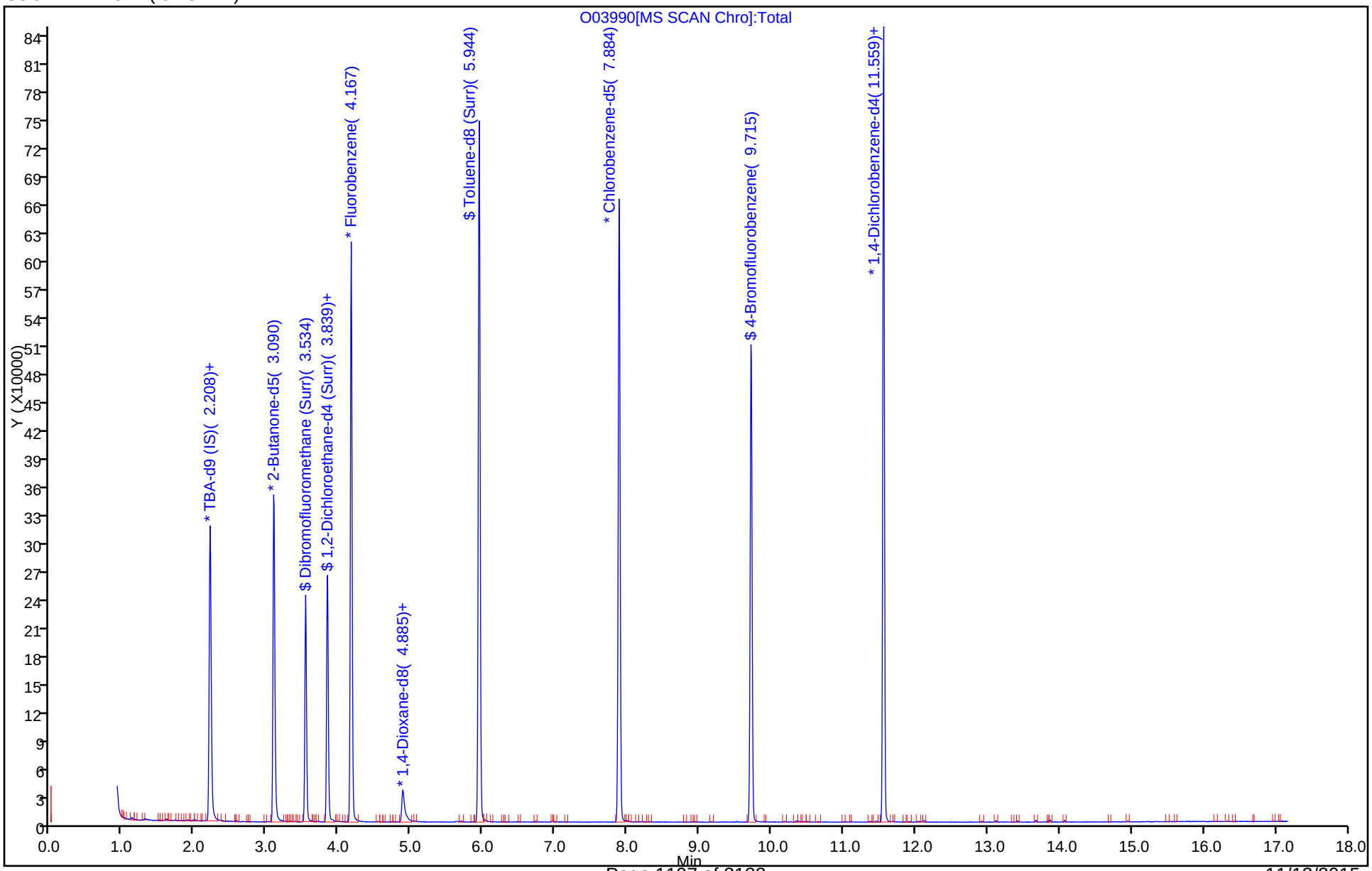
Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334629/7

Matrix: Solid | Lab File ID: B89844.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 11:32

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.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334629/7

Matrix: Solid | Lab File ID: B89844.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 11:32

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.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		69-145
2037-26-5	Toluene-d8 (Surr)	106		72-136
460-00-4	Bromofluorobenzene	103		64-131
1868-53-7	Dibromofluoromethane (Surr)	105		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-334629/7

Matrix: Solid Lab File ID: B89844.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2015 11:32

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.: 334629 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: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89844.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 11:32:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0034104-007
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:34:28 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: baronm Date: 11-Nov-2015 15:17:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.599	2.624	-0.025	86	168936	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.686	3.702	-0.016	98	173485	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.220	-0.008	92	126259	50.0	52.7	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.591	4.599	-0.008	93	120801	50.0	49.4	
* 62 Fluorobenzene	96	4.895	4.903	-0.008	100	471509	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.751	5.751	0.000	91	16575	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.879	6.879	0.000	99	423390	50.0	53.1	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	84	406177	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	96	177854	50.0	51.3	
* 119 1,4-Dichlorobenzene-d4	152	10.582	10.590	-0.008	92	254575	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

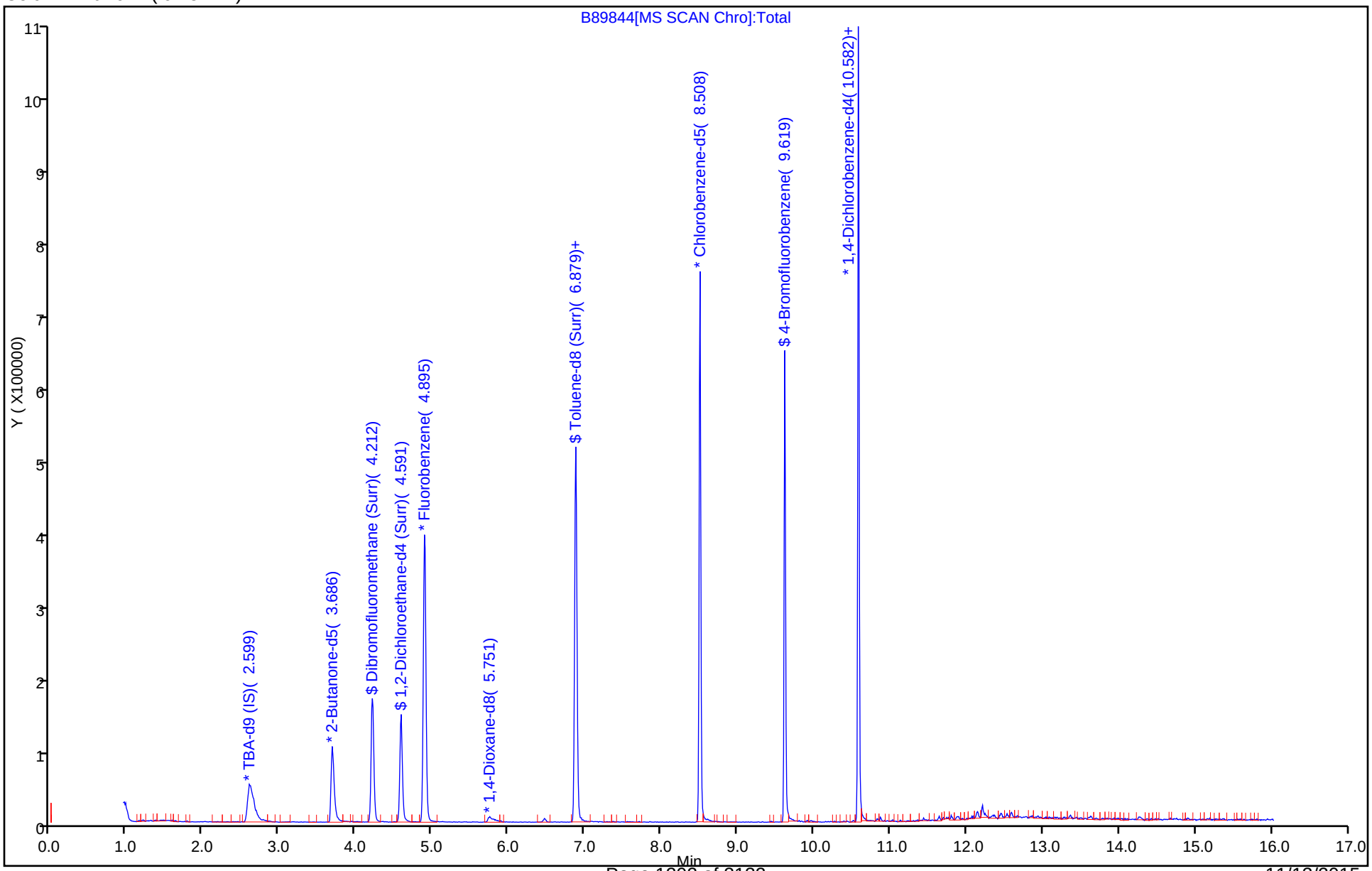
Report Date: 11-Nov-2015 15:39:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89844.D

Injection Date:	11-Nov-2015 11:32:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	6
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334781/6

Matrix: Solid | Lab File ID: B89873.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 23:35

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.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	11	U	50	11
74-83-9	Bromomethane	9.0	U	50	9.0
75-01-4	Vinyl chloride	10	U	50	10
75-00-3	Chloroethane	19	U	50	19
75-09-2	Methylene Chloride	11	U	50	11
67-64-1	Acetone	54	U	250	54
75-15-0	Carbon disulfide	11	U	50	11
75-69-4	Trichlorofluoromethane	7.5	U	50	7.5
75-35-4	1,1-Dichloroethene	17	U	50	17
75-34-3	1,1-Dichloroethane	12	U	50	12
156-60-5	trans-1,2-Dichloroethene	9.0	U	50	9.0
156-59-2	cis-1,2-Dichloroethene	13	U	50	13
67-66-3	Chloroform	11	U	50	11
78-93-3	2-Butanone	110	U	250	110
107-06-2	1,2-Dichloroethane	13	U	50	13
71-55-6	1,1,1-Trichloroethane	14	U	50	14
56-23-5	Carbon tetrachloride	17	U	50	17
71-43-2	Benzene	9.5	U	50	9.5
75-25-2	Bromoform	9.0	U	50	9.0
100-42-5	Styrene	8.5	U	50	8.5
100-41-4	Ethylbenzene	15	U	50	15
108-90-7	Chlorobenzene	12	U	50	12
110-82-7	Cyclohexane	13	U	50	13
98-82-8	Isopropylbenzene	16	U	50	16
591-78-6	2-Hexanone	36	U	250	36
1634-04-4	MTBE	6.5	U	50	6.5
76-13-1	Freon TF	17	U	50	17
79-20-9	Methyl acetate	29	U	250	29
123-91-1	1,4-Dioxane	440	U	1300	440
79-01-6	Trichloroethene	11	U	50	11
108-88-3	Toluene	13	U	50	13
10061-02-6	trans-1,3-Dichloropropene	9.5	U	50	9.5
108-10-1	4-Methyl-2-pentanone	32	U	250	32
10061-01-5	cis-1,3-Dichloropropene	8.0	U	50	8.0
95-50-1	1,2-Dichlorobenzene	11	U	50	11
541-73-1	1,3-Dichlorobenzene	17	U	50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334781/6

Matrix: Solid | Lab File ID: B89873.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 23:35

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.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	17	U	50	17
120-82-1	1,2,4-Trichlorobenzene	14	U	50	14
87-61-6	1,2,3-Trichlorobenzene	18	U	50	18
78-87-5	1,2-Dichloropropane	9.0	U	50	9.0
108-87-2	Methylcyclohexane	11	U	50	11
127-18-4	Tetrachloroethene	18	U	50	18
1330-20-7	Xylenes, Total	14	U	100	14
96-12-8	1,2-Dibromo-3-Chloropropane	12	U	50	12
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	50	9.5
79-00-5	1,1,2-Trichloroethane	4.0	U	50	4.0
124-48-1	Dibromochloromethane	11	U	50	11
106-93-4	1,2-Dibromoethane	9.5	U	50	9.5
75-71-8	Dichlorodifluoromethane	7.0	U	50	7.0
74-97-5	Bromochloromethane	15	U	50	15
75-27-4	Bromodichloromethane	7.5	U	50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		69-145
2037-26-5	Toluene-d8 (Surr)	101		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	101		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334781/6

Matrix: Solid | Lab File ID: B89873.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 23:35

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.: 334781 | 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: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89873.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 23:35:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: MB
Misc. Info.: 460-0034133-006
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 09:51:06 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: boykink Date: 12-Nov-2015 01:38:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	2.607	2.608	-0.001	86	186148	1000.0	1000.0	
* 158 2-Butanone-d5	46	3.677	3.686	-0.009	98	187796	250.0	250.0	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.212	0.000	91	115817	50.0	50.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.583	4.583	0.000	94	116078	50.0	49.7	
* 62 Fluorobenzene	96	4.895	4.895	0.000	100	450467	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.743	5.743	0.000	92	19356	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	6.879	6.871	0.008	100	398066	50.0	50.6	
* 91 Chlorobenzene-d5	117	8.500	8.500	0.000	83	400729	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	96	169772	50.0	49.7	
* 119 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	92	246464	50.0	50.0	

Reagents:

8260SURR250_00096 Amount Added: 1.00 Units: uL
8260ISNEW_00030 Amount Added: 1.00 Units: uL Run Reagent

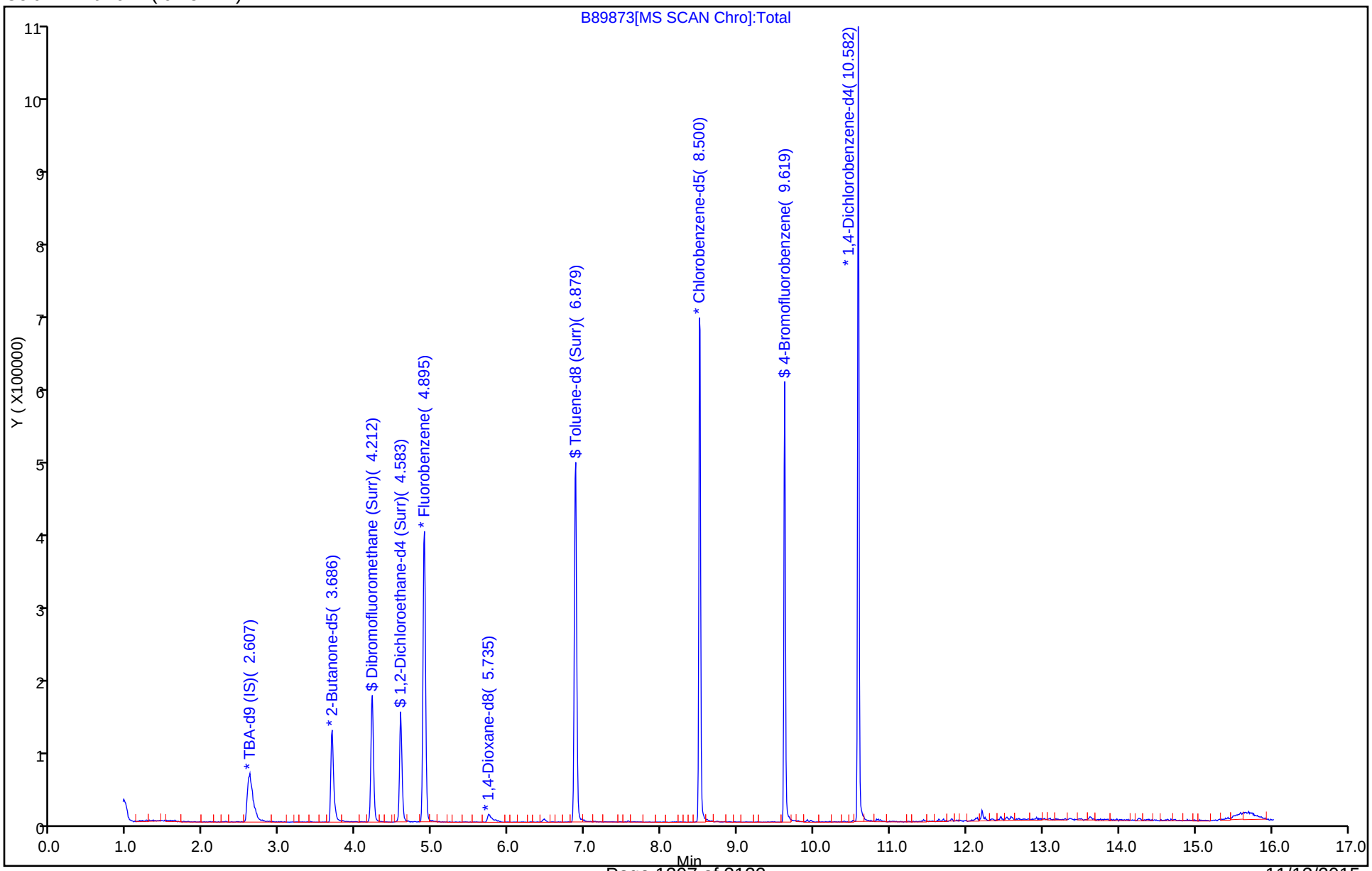
Report Date: 12-Nov-2015 09:51:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89873.D

Injection Date:	11-Nov-2015 23:35:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	5
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333935/3

Matrix: Solid | Lab File ID: B89701.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 08:10

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	934		50	11
74-83-9	Bromomethane	1050		50	9.0
75-01-4	Vinyl chloride	1030		50	10
75-00-3	Chloroethane	984		50	19
75-09-2	Methylene Chloride	1030		50	11
67-64-1	Acetone	4260		250	54
75-15-0	Carbon disulfide	1030		50	11
75-69-4	Trichlorofluoromethane	985		50	7.5
75-35-4	1,1-Dichloroethene	954		50	17
75-34-3	1,1-Dichloroethane	1040		50	12
156-60-5	trans-1,2-Dichloroethene	1000		50	9.0
156-59-2	cis-1,2-Dichloroethene	953		50	13
67-66-3	Chloroform	961		50	11
78-93-3	2-Butanone	4240		250	110
107-06-2	1,2-Dichloroethane	844		50	13
71-55-6	1,1,1-Trichloroethane	828		50	14
56-23-5	Carbon tetrachloride	903		50	17
71-43-2	Benzene	1040		50	9.5
75-25-2	Bromoform	891		50	9.0
100-42-5	Styrene	952		50	8.5
100-41-4	Ethylbenzene	954		50	15
108-90-7	Chlorobenzene	952		50	12
110-82-7	Cyclohexane	1060		50	13
98-82-8	Isopropylbenzene	959		50	16
591-78-6	2-Hexanone	4970		250	36
1634-04-4	MTBE	921		50	6.5
76-13-1	Freon TF	1010		50	17
79-20-9	Methyl acetate	5170		250	29
123-91-1	1,4-Dioxane	37100		1300	440
79-01-6	Trichloroethene	971		50	11
108-88-3	Toluene	1030		50	13
10061-02-6	trans-1,3-Dichloropropene	1000		50	9.5
108-10-1	4-Methyl-2-pentanone	4850		250	32
10061-01-5	cis-1,3-Dichloropropene	1040		50	8.0
95-50-1	1,2-Dichlorobenzene	927		50	11
541-73-1	1,3-Dichlorobenzene	955		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333935/3

Matrix: Solid | Lab File ID: B89701.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 08:10

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	951		50	17
120-82-1	1,2,4-Trichlorobenzene	969		50	14
87-61-6	1,2,3-Trichlorobenzene	998		50	18
78-87-5	1,2-Dichloropropane	1090		50	9.0
108-87-2	Methylcyclohexane	1060		50	11
127-18-4	Tetrachloroethene	1050		50	18
1330-20-7	Xylenes, Total	1900		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	873		50	12
79-34-5	1,1,2,2-Tetrachloroethane	982		50	9.5
79-00-5	1,1,2-Trichloroethane	1010		50	4.0
124-48-1	Dibromochloromethane	906		50	11
106-93-4	1,2-Dibromoethane	921		50	9.5
75-71-8	Dichlorodifluoromethane	944		50	7.0
74-97-5	Bromochloromethane	944		50	15
75-27-4	Bromodichloromethane	939		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	100		72-136
460-00-4	Bromofluorobenzene	98		64-131
1868-53-7	Dibromofluoromethane (Surr)	102		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89701.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2015 08:10:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0033958-003
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:29:22 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:26:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.085	-0.008	59	8825	20.0	19.5	
2 Dichlorodifluoromethane	85	1.093	1.101	-0.008	98	62321	20.0	18.9	
3 Chloromethane	50	1.200	1.208	-0.008	99	40564	20.0	18.7	
5 Butadiene	54	1.282	1.291	-0.009	91	40096	20.0	20.4	
4 Vinyl chloride	62	1.282	1.291	-0.009	97	52872	20.0	20.7	
6 Bromomethane	94	1.521	1.521	0.000	98	44960	20.0	21.1	
7 Chloroethane	64	1.579	1.587	-0.008	98	28744	20.0	19.7	
10 Trichlorofluoromethane	101	1.752	1.760	-0.008	68	83218	20.0	19.7	
9 Dichlorofluoromethane	67	1.752	1.760	-0.008	97	97943	20.0	20.9	
8 Pentane	72	1.776	1.768	0.008	96	11868	40.0	38.7	
12 Ethanol	46	1.941	1.949	-0.008	70	1224	800.0	542.8	
11 Ethyl ether	59	1.949	1.949	0.000	86	37067	20.0	21.0	
13 2-Methyl-1,3-butadiene	53	1.957	1.965	-0.008	96	40312	20.0	21.2	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	80	47740	20.0	19.8	
15 Acrolein	56	2.114	2.122	-0.008	41	15688	40.0	37.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.130	0.000	55	47145	20.0	20.2	
17 1,1-Dichloroethene	96	2.130	2.130	0.000	97	50423	20.0	19.1	
18 Acetone	43	2.221	2.237	-0.016	86	40486	100.0	85.2	
19 Iodomethane	142	2.270	2.278	-0.008	95	111174	20.0	19.8	
20 Carbon disulfide	76	2.287	2.295	-0.009	98	170129	20.0	20.7	
21 Isopropyl alcohol	45	2.344	2.360	-0.016	62	11542	200.0	264.2	
22 3-Chloro-1-propene	76	2.435	2.443	-0.008	41	29284	20.0	20.1	
23 Cyclopentene	67	2.443	2.451	-0.008	84	118194	20.0	20.6	
24 Methyl acetate	43	2.451	2.459	-0.008	97	160009	100.0	103.5	
25 Acetonitrile	41	2.517	2.517	0.000	95	39976	200.0	221.3	
26 Methylene Chloride	84	2.566	2.566	0.000	83	59327	20.0	20.7	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	94	157154	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.665	0.000	96	27034	200.0	167.1	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	96	144487	20.0	18.4	
30 trans-1,2-Dichloroethene	96	2.739	2.756	-0.017	91	57374	20.0	20.0	
31 Acrylonitrile	53	2.830	2.830	0.000	94	147696	200.0	205.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.896	2.904	-0.008	92	20617	20.0	24.8	
34 Isopropyl ether	45	3.134	3.134	0.000	95	146692	20.0	23.1	
33 1,1-Dichloroethane	63	3.151	3.151	0.000	98	88572	20.0	20.8	
36 Vinyl acetate	86	3.184	3.183	0.001	99	12910	40.0	42.2	
35 2-Chloro-1,3-butadiene	88	3.192	3.192	0.000	89	46805	20.0	19.7	
38 Tert-butyl ethyl ether	59	3.472	3.472	0.000	89	149193	20.0	19.8	
39 2,2-Dichloropropane	41	3.669	3.661	0.008	66	40473	20.0	20.8	
* 158 2-Butanone-d5	46	3.669	3.677	-0.008	92	169647	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	96	59328	20.0	19.1	
41 2-Butanone (MEK)	72	3.735	3.743	-0.008	99	19534	100.0	84.7	
42 Ethyl acetate	70	3.760	3.751	0.009	94	5524	40.0	31.4	
43 Methyl acrylate	55	3.801	3.809	-0.008	99	33637	20.0	20.1	
44 Propionitrile	54	3.875	3.883	-0.008	96	44243	200.0	206.3	
46 Tetrahydrofuran	72	3.941	3.941	0.000	68	10960	40.0	37.8	
45 Chlorobromomethane	128	3.949	3.949	0.000	76	31597	20.0	18.9	
47 Methacrylonitrile	67	3.982	3.982	0.000	90	177174	200.0	196.3	
48 Chloroform	83	4.023	4.023	0.000	98	89214	20.0	19.2	
49 Cyclohexane	84	4.122	4.122	0.000	85	54714	20.0	21.2	
50 1,1,1-Trichloroethane	97	4.155	4.163	-0.008	96	72341	20.0	16.6	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	93	114457	50.0	51.0	
52 Carbon tetrachloride	117	4.278	4.286	-0.008	97	63873	20.0	18.1	
53 1,1-Dichloropropene	75	4.319	4.319	0.000	97	59512	20.0	18.7	
54 Isooctane	57	4.509	4.517	-0.008	91	68960	20.0	23.0	
55 Benzene	78	4.533	4.533	0.000	95	187892	20.0	20.8	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	95	108612	50.0	47.4	
56 Isobutyl alcohol	43	4.574	4.574	0.000	1	19714	500.0	370.2	
58 Tert-amyl methyl ether	73	4.640	4.640	0.000	95	153866	20.0	18.7	
59 Isopropyl acetate	87	4.640	4.648	-0.008	98	45658	20.0	17.5	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	97	61401	20.0	16.9	
61 n-Heptane	57	4.747	4.755	-0.008	87	12779	20.0	20.6	
* 62 Fluorobenzene	96	4.879	4.879	0.000	99	441740	50.0	50.0	
64 Trichloroethene	95	5.290	5.290	0.000	96	48462	20.0	19.4	
65 n-Butanol	56	5.381	5.373	0.008	70	9010	500.0	723.2	
66 Methylcyclohexane	83	5.414	5.414	0.000	91	44713	20.0	21.3	
67 Ethyl acrylate	55	5.496	5.504	-0.008	98	45770	20.0	19.7	
68 1,2-Dichloropropane	63	5.628	5.628	0.000	94	46771	20.0	21.8	
* 69 1,4-Dioxane-d8	96	5.718	5.718	0.000	88	19462	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.776	0.000	88	24328	40.0	33.4	
70 Dibromomethane	93	5.776	5.784	-0.008	89	29818	20.0	17.4	
71 1,4-Dioxane	88	5.776	5.801	-0.024	1	9167	400.0	742.5	M
73 n-Propyl acetate	43	5.866	5.866	0.000	98	48252	20.0	20.4	
74 Dichlorobromomethane	83	5.990	5.990	0.000	97	61119	20.0	18.8	
75 2-Nitropropane	41	6.401	6.401	0.000	97	18400	40.0	35.5	
76 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	92	27081	20.0	20.3	
77 Epichlorohydrin	57	6.550	6.549	0.001	97	65964	400.0	363.7	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	90	75089	20.0	20.8	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	95	188686	100.0	97.1	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	99	371649	50.0	50.0	
81 Toluene	91	6.945	6.944	0.001	92	195631	20.0	20.5	
82 trans-1,3-Dichloropropene	75	7.356	7.356	0.000	95	64885	20.0	20.0	
83 Ethyl methacrylate	69	7.405	7.405	0.000	89	54228	20.0	20.3	
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	95	35528	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.554	7.553	0.001	95	54305	20.0	20.9	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	92	72133	20.0	20.3	
87 2-Hexanone	43	7.817	7.817	0.000	96	111503	100.0	99.5	
88 Chlorodibromomethane	129	7.932	7.932	0.000	98	50344	20.0	18.1	
89 n-Butyl acetate	73	7.932	7.932	0.000	92	8409	20.0	19.8	
90 Ethylene Dibromide	107	8.039	8.039	0.000	98	45513	20.0	18.4	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	84	378264	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	135908	20.0	19.0	
93 Ethylbenzene	106	8.607	8.607	0.000	97	67517	20.0	19.1	
94 1,1,1,2-Tetrachloroethane	131	8.623	8.623	0.000	93	53494	20.0	18.7	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	83661	20.0	18.7	
96 o-Xylene	106	9.101	9.101	0.000	95	88759	20.0	19.3	
97 n-Butyl acrylate	73	9.109	9.109	0.000	99	38031	20.0	20.2	
98 Styrene	104	9.125	9.125	0.000	97	145382	20.0	19.0	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	91	81103	20.0	24.2	
99 Bromoform	173	9.323	9.315	0.008	66	35060	20.0	17.8	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	178780	20.0	19.2	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	157650	50.0	48.8	
104 Bromobenzene	156	9.718	9.718	0.000	88	66246	20.0	19.1	
105 1,1,2,2-Tetrachloroethane	83	9.784	9.784	0.000	97	57111	20.0	19.6	
106 N-Propylbenzene	91	9.784	9.784	0.000	99	194150	20.0	20.8	
107 1,2,3-Trichloropropane	110	9.808	9.808	0.000	93	18698	20.0	19.1	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	76	13375	20.0	19.2	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	145630	20.0	19.6	
110 4-Ethyltoluene	105	9.883	9.882	0.001	98	177160	20.0	19.8	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	93	142261	20.0	18.9	
112 4-Chlorotoluene	91	9.981	9.973	0.008	96	142092	20.0	20.5	
113 Butyl Methacrylate	87	10.039	10.039	0.000	87	67846	20.0	20.3	
114 tert-Butylbenzene	119	10.203	10.203	0.000	97	108188	20.0	18.7	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	155921	20.0	19.2	
116 sec-Butylbenzene	105	10.385	10.384	0.001	99	155319	20.0	20.6	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	98	141755	20.0	20.4	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	98	103319	20.0	19.1	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	230205	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	97	108432	20.0	19.0	
121 Benzyl chloride	91	10.714	10.714	0.000	100	113529	20.0	19.6	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	94	191013	20.0	19.1	
123 p-Diethylbenzene	119	10.812	10.812	0.000	94	82505	20.0	19.6	
124 n-Butylbenzene	91	10.829	10.829	0.000	96	138835	20.0	21.6	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	98	106007	20.0	18.5	
126 1,2,4,5-Tetramethylbenzene	119	11.421	11.421	0.000	98	142167	20.0	18.7	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	90	9413	20.0	17.5	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	96	70392	20.0	19.3	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	67300	20.0	19.4	
131 Hexachlorobutadiene	225	12.195	12.195	0.000	97	31526	20.0	23.1	
132 Naphthalene	128	12.310	12.310	0.000	99	167398	20.0	17.9	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	95	63833	20.0	20.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 135 Xylenes, Total	100				0		40.0	38.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00125	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

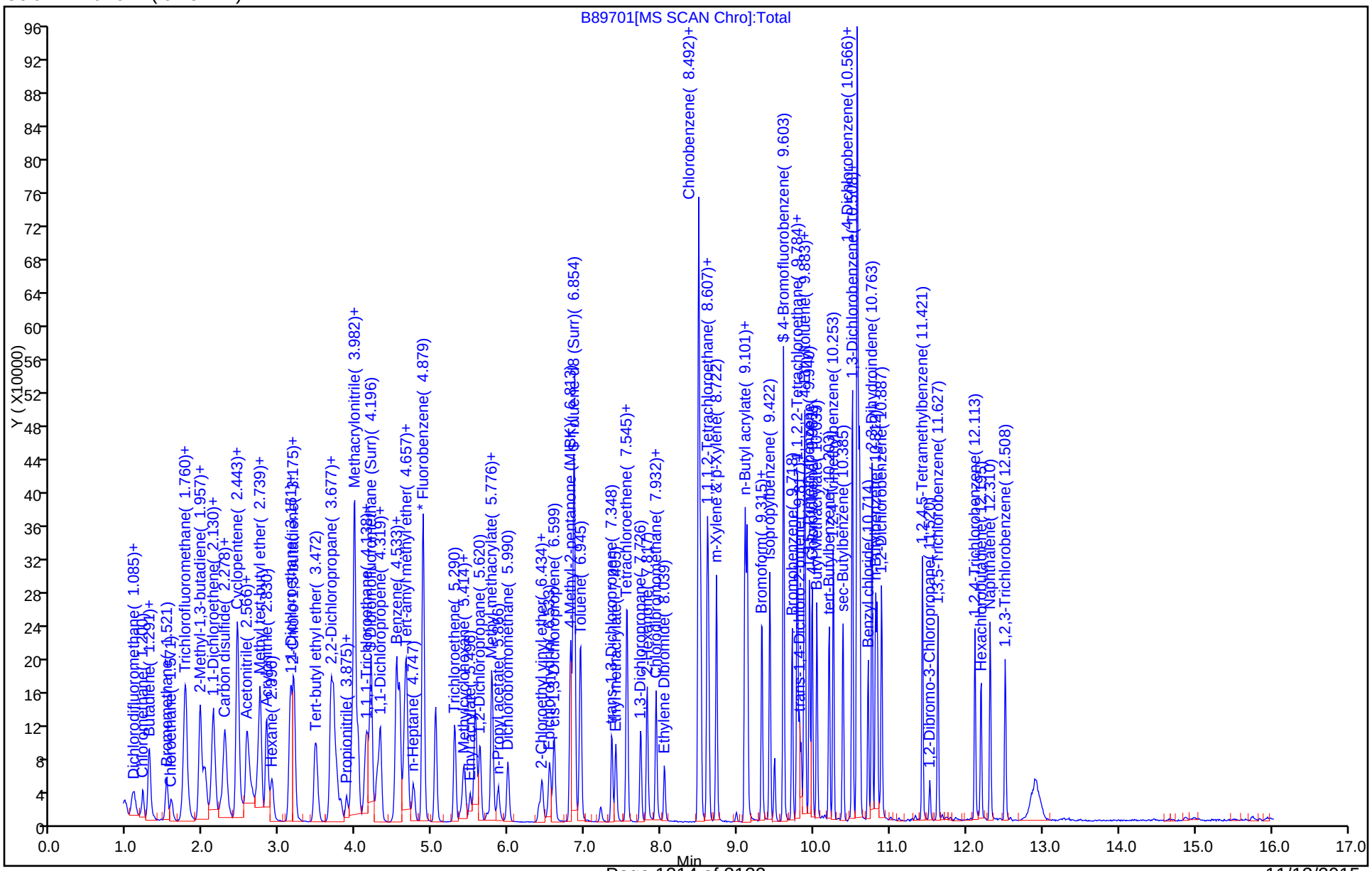
Report Date: 11-Nov-2015 12:29:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89701.D

Injection Date:	08-Nov-2015 08:10:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	2
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

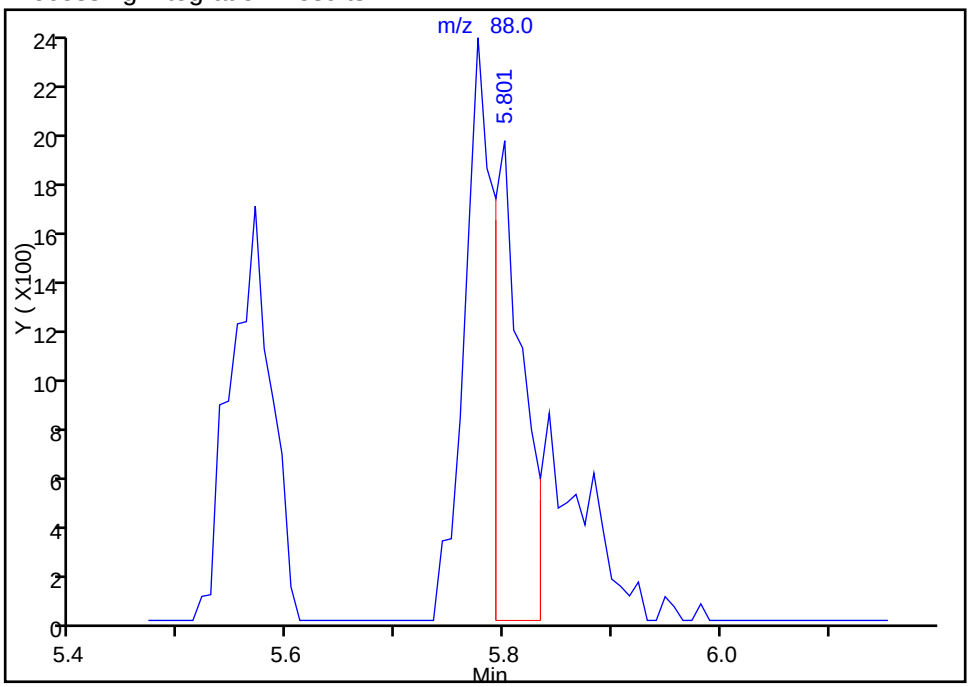
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89701.D
Injection Date: 08-Nov-2015 08:10:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

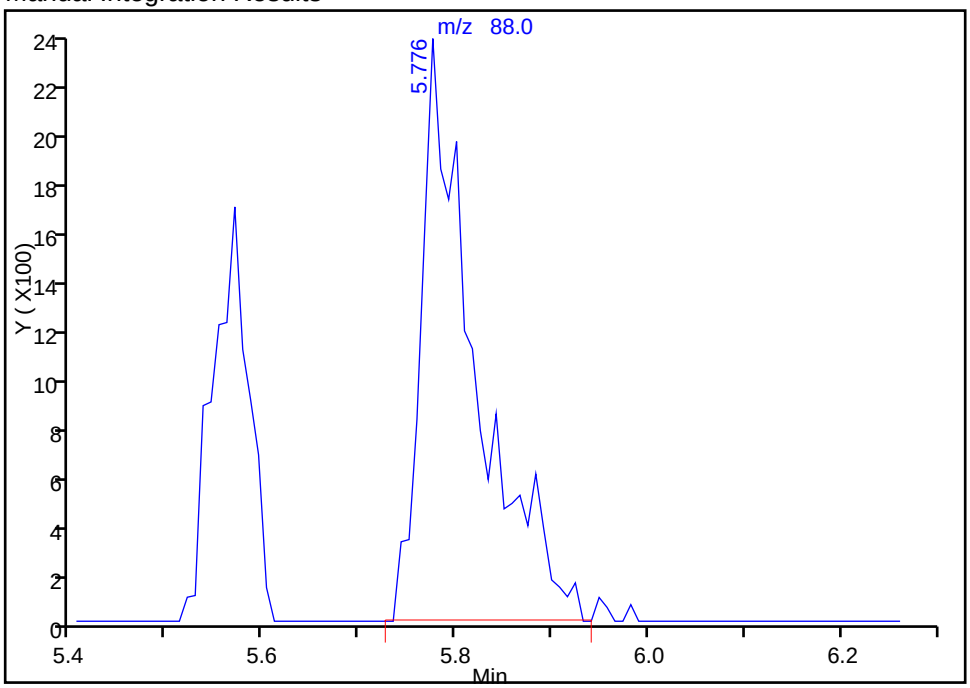
Processing Integration Results

RT: 5.80
Area: 3584
Amount: 288.7108
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 9167
Amount: 742.4778
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:29:22
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334020/3

Matrix: Solid | Lab File ID: B89730.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:01

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1090		50	11
74-83-9	Bromomethane	1210		50	9.0
75-01-4	Vinyl chloride	1180		50	10
75-00-3	Chloroethane	1130		50	19
75-09-2	Methylene Chloride	1190		50	11
67-64-1	Acetone	4910		250	54
75-15-0	Carbon disulfide	1150		50	11
75-69-4	Trichlorofluoromethane	1140		50	7.5
75-35-4	1,1-Dichloroethene	1110		50	17
75-34-3	1,1-Dichloroethane	1200		50	12
156-60-5	trans-1,2-Dichloroethene	1100		50	9.0
156-59-2	cis-1,2-Dichloroethene	1110		50	13
67-66-3	Chloroform	1060		50	11
78-93-3	2-Butanone	4300		250	110
107-06-2	1,2-Dichloroethane	942		50	13
71-55-6	1,1,1-Trichloroethane	993		50	14
56-23-5	Carbon tetrachloride	1030		50	17
71-43-2	Benzene	1200		50	9.5
75-25-2	Bromoform	1130		50	9.0
100-42-5	Styrene	1050		50	8.5
100-41-4	Ethylbenzene	1050		50	15
108-90-7	Chlorobenzene	1070		50	12
110-82-7	Cyclohexane	1130		50	13
98-82-8	Isopropylbenzene	1040		50	16
591-78-6	2-Hexanone	5340		250	36
1634-04-4	MTBE	1050		50	6.5
76-13-1	Freon TF	1140		50	17
79-20-9	Methyl acetate	6150		250	29
123-91-1	1,4-Dioxane	33400		1300	440
79-01-6	Trichloroethene	1060		50	11
108-88-3	Toluene	1130		50	13
10061-02-6	trans-1,3-Dichloropropene	1150		50	9.5
108-10-1	4-Methyl-2-pentanone	5430		250	32
10061-01-5	cis-1,3-Dichloropropene	1160		50	8.0
95-50-1	1,2-Dichlorobenzene	1080		50	11
541-73-1	1,3-Dichlorobenzene	1100		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334020/3

Matrix: Solid | Lab File ID: B89730.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:01

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1060		50	17
120-82-1	1,2,4-Trichlorobenzene	1130		50	14
87-61-6	1,2,3-Trichlorobenzene	1140		50	18
78-87-5	1,2-Dichloropropane	1170		50	9.0
108-87-2	Methylcyclohexane	1090		50	11
127-18-4	Tetrachloroethene	1080		50	18
1330-20-7	Xylenes, Total	2060		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	993		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1200		50	9.5
79-00-5	1,1,2-Trichloroethane	1200		50	4.0
124-48-1	Dibromochloromethane	1090		50	11
106-93-4	1,2-Dibromoethane	1030		50	9.5
75-71-8	Dichlorodifluoromethane	1090		50	7.0
74-97-5	Bromochloromethane	1060		50	15
75-27-4	Bromodichloromethane	1060		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		69-145
2037-26-5	Toluene-d8 (Surr)	119		72-136
460-00-4	Bromofluorobenzene	115		64-131
1868-53-7	Dibromofluoromethane (Surr)	118		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89730.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Nov-2015 11:01:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0033978-003
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 23:02:53 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK019

First Level Reviewer: boykink Date: 09-Nov-2015 23:02:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.077	1.068	0.009	86	9266	20.0	23.4	
2 Dichlorodifluoromethane	85	1.085	1.085	0.000	97	63250	20.0	21.9	
3 Chloromethane	50	1.200	1.192	0.008	98	41418	20.0	21.8	
4 Vinyl chloride	62	1.291	1.282	0.009	97	53000	20.0	23.7	
5 Butadiene	54	1.291	1.282	0.009	88	42384	20.0	24.6	
6 Bromomethane	94	1.513	1.505	0.008	97	45313	20.0	24.3	
7 Chloroethane	64	1.579	1.570	0.009	99	28931	20.0	22.6	
10 Trichlorofluoromethane	101	1.743	1.743	0.000	62	84490	20.0	22.8	
9 Dichlorofluoromethane	67	1.751	1.743	0.008	97	99398	20.0	24.2	
8 Pentane	72	1.768	1.752	0.016	97	11472	40.0	42.8	
12 Ethanol	46	1.933	1.933	0.000	74	1046	800.0	520.1	
11 Ethyl ether	59	1.941	1.933	0.008	96	39500	20.0	25.6	
13 2-Methyl-1,3-butadiene	53	1.957	1.949	0.008	95	41275	20.0	24.8	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.015	0.000	89	46514	20.0	22.0	
15 Acrolein	56	2.105	2.105	0.000	59	14854	40.0	39.8	
17 1,1-Dichloroethene	96	2.130	2.114	0.016	96	51385	20.0	22.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.114	2.122	-0.008	55	46514	20.0	22.8	
18 Acetone	43	2.229	2.221	0.008	86	42298	100.0	98.2	
19 Iodomethane	142	2.262	2.254	0.008	96	112665	20.0	22.9	
20 Carbon disulfide	76	2.286	2.270	0.016	98	166110	20.0	23.1	
21 Isopropyl alcohol	45	2.336	2.328	0.008	63	6813	200.0	175.8	
22 3-Chloro-1-propene	76	2.435	2.418	0.017	44	30776	20.0	24.1	
23 Cyclopentene	67	2.443	2.435	0.008	81	117469	20.0	23.3	
24 Methyl acetate	43	2.451	2.443	0.008	99	166677	100.0	123.1	
25 Acetonitrile	41	2.509	2.500	0.009	55	41834	200.0	264.4	
26 Methylene Chloride	84	2.566	2.550	0.016	88	59782	20.0	23.8	
* 27 TBA-d9 (IS)	65	2.607	2.583	0.024	88	140169	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.649	0.016	52	35554	200.0	246.4	
29 Methyl tert-butyl ether	73	2.723	2.714	0.009	96	144757	20.0	21.1	
30 trans-1,2-Dichloroethene	96	2.747	2.731	0.016	90	55266	20.0	22.0	
31 Acrylonitrile	53	2.821	2.813	0.008	94	146560	200.0	233.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.887	2.887	0.000	92	19165	20.0	26.3	
34 Isopropyl ether	45	3.134	3.126	0.008	94	143305	20.0	25.8	
33 1,1-Dichloroethane	63	3.151	3.134	0.017	99	89579	20.0	24.1	
36 Vinyl acetate	86	3.175	3.167	0.008	100	12861	40.0	48.0	
35 2-Chloro-1,3-butadiene	88	3.183	3.183	0.000	90	46245	20.0	22.3	
38 Tert-butyl ethyl ether	59	3.471	3.455	0.016	90	145381	20.0	22.1	
* 158 2-Butanone-d5	46	3.669	3.661	0.008	90	153855	250.0	250.0	
39 2,2-Dichloropropane	41	3.669	3.669	0.000	66	39990	20.0	23.5	
40 cis-1,2-Dichloroethene	96	3.702	3.694	0.008	92	60442	20.0	22.2	
41 2-Butanone (MEK)	72	3.735	3.727	0.008	96	17996	100.0	86.1	
42 Ethyl acetate	70	3.760	3.743	0.017	92	5252	40.0	32.9	
43 Methyl acrylate	55	3.801	3.784	0.017	98	32352	20.0	22.0	
44 Propionitrile	54	3.867	3.858	0.008	97	49010	200.0	256.2	
46 Tetrahydrofuran	72	3.932	3.932	0.000	61	11010	40.0	41.9	
45 Chlorobromomethane	128	3.941	3.932	0.009	78	30989	20.0	21.2	
47 Methacrylonitrile	67	3.973	3.965	0.008	91	173721	200.0	219.8	
48 Chloroform	83	4.023	4.015	0.008	99	85885	20.0	21.1	
49 Cyclohexane	84	4.130	4.122	0.008	85	51235	20.0	22.6	
50 1,1,1-Trichloroethane	97	4.155	4.138	0.017	96	75971	20.0	19.9	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.188	0.008	92	116039	50.0	59.1	
52 Carbon tetrachloride	117	4.270	4.270	0.000	97	63987	20.0	20.7	
53 1,1-Dichloropropene	75	4.311	4.311	0.000	97	60191	20.0	21.6	
54 Isooctane	57	4.517	4.508	0.009	94	68826	20.0	26.2	
55 Benzene	78	4.533	4.525	0.008	94	186989	20.0	24.0	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	92	109608	50.0	54.7	
56 Isobutyl alcohol	43	4.574	4.558	0.016	41	30858	500.0	649.6	
58 Tert-amyl methyl ether	73	4.640	4.632	0.008	92	157293	20.0	21.8	
59 Isopropyl acetate	87	4.648	4.632	0.016	96	44578	20.0	19.6	
60 1,2-Dichloroethane	62	4.648	4.648	0.000	95	60006	20.0	18.8	
61 n-Heptane	57	4.747	4.739	0.008	83	14476	20.0	26.6	
* 62 Fluorobenzene	96	4.879	4.871	0.008	100	386814	50.0	50.0	
64 Trichloroethene	95	5.290	5.282	0.008	95	46245	20.0	21.2	
65 n-Butanol	56	5.364	5.397	-0.033	85	6125	500.0	555.8	
66 Methylcyclohexane	83	5.422	5.406	0.016	94	40059	20.0	21.8	
67 Ethyl acrylate	55	5.496	5.488	0.008	99	45367	20.0	22.3	
68 1,2-Dichloropropane	63	5.619	5.619	0.000	90	43851	20.0	23.3	
* 69 1,4-Dioxane-d8	96	5.726	5.702	0.024	86	16253	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.768	0.008	88	23600	40.0	37.0	
70 Dibromomethane	93	5.776	5.776	0.000	67	28236	20.0	18.8	
71 1,4-Dioxane	88	5.768	5.776	-0.008	30	6888	400.0	667.4	
73 n-Propyl acetate	43	5.858	5.858	0.000	97	48414	20.0	23.4	
74 Dichlorobromomethane	83	5.990	5.982	0.008	99	60169	20.0	21.1	
75 2-Nitropropane	41	6.401	6.393	0.008	96	19429	40.0	42.8	
76 2-Chloroethyl vinyl ether	63	6.434	6.426	0.008	93	26689	20.0	22.8	
77 Epichlorohydrin	57	6.541	6.533	0.008	97	70985	400.0	431.8	
78 cis-1,3-Dichloropropene	75	6.599	6.591	0.008	89	72274	20.0	23.2	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.805	0.008	95	191633	100.0	108.7	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	98	380598	50.0	59.3	
81 Toluene	91	6.936	6.936	0.000	93	186829	20.0	22.7	
82 trans-1,3-Dichloropropene	75	7.348	7.348	0.000	96	64018	20.0	22.9	
83 Ethyl methacrylate	69	7.405	7.397	0.008	88	55085	20.0	23.9	
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	94	36210	20.0	23.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.553	7.545	0.008	93	48399	20.0	21.6	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	93	68718	20.0	22.4	
87 2-Hexanone	43	7.809	7.809	0.000	95	108544	100.0	106.8	
88 Chlorodibromomethane	129	7.932	7.924	0.008	98	52497	20.0	21.9	
89 n-Butyl acetate	73	7.932	7.932	0.000	97	8749	20.0	23.9	
90 Ethylene Dibromide	107	8.039	8.039	0.000	100	43963	20.0	20.6	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	84	326642	50.0	50.0	
92 Chlorobenzene	112	8.516	8.508	0.008	97	131984	20.0	21.4	
93 Ethylbenzene	106	8.599	8.599	0.000	98	64249	20.0	21.0	
94 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	95	50176	20.0	20.3	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	78192	20.0	20.3	
96 o-Xylene	106	9.092	9.092	0.000	95	82772	20.0	20.9	
97 n-Butyl acrylate	73	9.109	9.109	0.000	97	38162	20.0	23.5	
98 Styrene	104	9.125	9.125	0.000	96	138317	20.0	21.0	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	91	78846	20.0	28.1	
99 Bromoform	173	9.315	9.315	0.000	67	38312	20.0	22.5	
101 Isopropylbenzene	105	9.422	9.422	0.000	94	167516	20.0	20.8	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	97	160434	50.0	57.6	
104 Bromobenzene	156	9.718	9.710	0.008	89	63980	20.0	22.1	
105 1,1,2,2-Tetrachloroethane	83	9.775	9.775	0.000	98	58427	20.0	24.1	
106 N-Propylbenzene	91	9.784	9.784	0.000	100	183473	20.0	23.5	
107 1,2,3-Trichloropropane	110	9.808	9.808	0.000	96	17676	20.0	21.7	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	82	15278	20.0	26.2	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	142261	20.0	22.9	
110 4-Ethyltoluene	105	9.882	9.882	0.000	98	166956	20.0	22.3	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	94	133105	20.0	21.2	
112 4-Chlorotoluene	91	9.973	9.973	0.000	96	138891	20.0	24.0	
113 Butyl Methacrylate	87	10.039	10.039	0.000	87	63856	20.0	22.9	
114 tert-Butylbenzene	119	10.195	10.195	0.000	95	105647	20.0	21.9	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	144939	20.0	21.3	
116 sec-Butylbenzene	105	10.376	10.376	0.000	99	147324	20.0	23.4	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	98	130826	20.0	22.5	
117 1,3-Dichlorobenzene	146	10.508	10.500	0.008	97	99109	20.0	21.9	
* 119 1,4-Dichlorobenzene-d4	152	10.565	10.566	-0.001	93	192340	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.582	0.008	96	100868	20.0	21.2	
121 Benzyl chloride	91	10.705	10.705	0.000	99	114606	20.0	23.7	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	95	179949	20.0	21.5	
123 p-Diethylbenzene	119	10.804	10.804	0.000	94	77967	20.0	22.1	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	127495	20.0	23.8	
125 1,2-Dichlorobenzene	146	10.886	10.886	0.000	98	102823	20.0	21.5	
126 1,2,4,5-Tetramethylbenzene	119	11.421	11.421	0.000	97	136852	20.0	21.5	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	88	8945	20.0	19.9	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	95	68732	20.0	22.5	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	92	65658	20.0	22.6	
131 Hexachlorobutadiene	225	12.187	12.187	0.000	98	30299	20.0	26.6	
132 Naphthalene	128	12.310	12.310	0.000	99	161604	20.0	20.7	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	94	61074	20.0	22.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	44.2	
S 135 Xylenes, Total	100				0		40.0	41.2	

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 09-Nov-2015 23:02:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89730.D

Injection Date: 09-Nov-2015 11:01:30 Instrument ID: CVOAMS2 Operator ID:

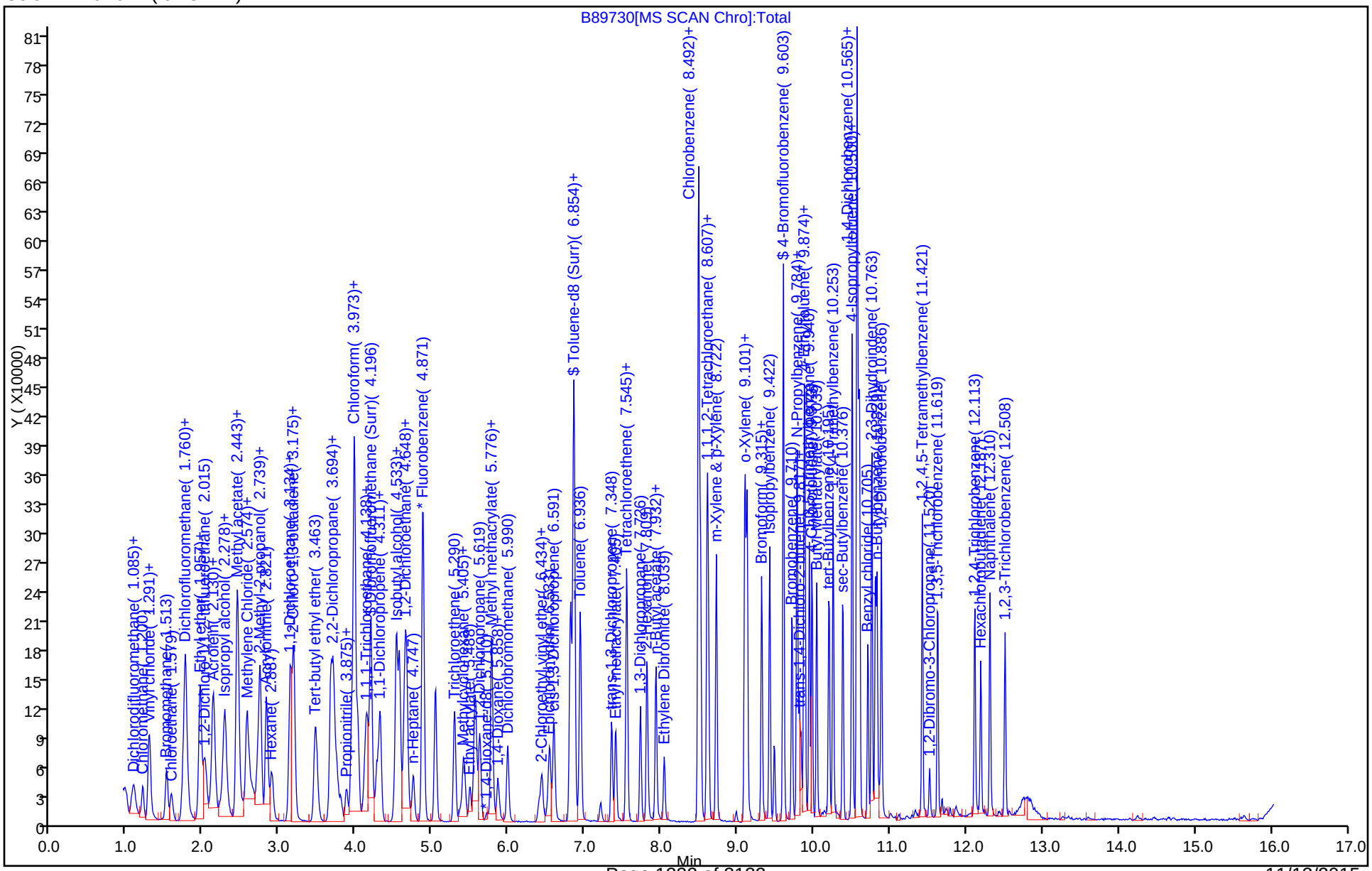
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334049/4

Matrix: Solid | Lab File ID: K46832.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.3		1.0	0.38
74-83-9	Bromomethane	19.9		1.0	0.32
75-01-4	Vinyl chloride	20.4		1.0	0.39
75-00-3	Chloroethane	21.6		1.0	0.35
75-09-2	Methylene Chloride	20.3		1.0	0.32
67-64-1	Acetone	105		5.0	1.1
75-15-0	Carbon disulfide	18.6		1.0	0.43
75-69-4	Trichlorofluoromethane	19.0		1.0	0.34
75-35-4	1,1-Dichloroethene	17.9		1.0	0.41
75-34-3	1,1-Dichloroethane	19.7		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
67-66-3	Chloroform	19.4		1.0	0.21
78-93-3	2-Butanone	104		5.0	0.77
107-06-2	1,2-Dichloroethane	19.2		1.0	0.11
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.38
56-23-5	Carbon tetrachloride	17.5		1.0	0.43
71-43-2	Benzene	18.9		1.0	0.20
75-25-2	Bromoform	18.5		1.0	0.13
100-42-5	Styrene	18.4		1.0	0.15
100-41-4	Ethylbenzene	17.1		1.0	0.18
108-90-7	Chlorobenzene	18.5		1.0	0.14
110-82-7	Cyclohexane	18.3		1.0	0.46
98-82-8	Isopropylbenzene	17.1		1.0	0.17
591-78-6	2-Hexanone	98.3		5.0	0.94
1634-04-4	MTBE	20.6		1.0	0.17
76-13-1	Freon TF	18.2		1.0	0.44
79-20-9	Methyl acetate	106		5.0	0.90
123-91-1	1,4-Dioxane	516		20	6.4
79-01-6	Trichloroethene	17.6		1.0	0.26
108-88-3	Toluene	17.9		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.10
108-10-1	4-Methyl-2-pentanone	97.2		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.1		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.1		1.0	0.14
541-73-1	1,3-Dichlorobenzene	18.4		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334049/4

Matrix: Solid | Lab File ID: K46832.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.5		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	17.9		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.11
78-87-5	1,2-Dichloropropane	18.6		1.0	0.17
108-87-2	Methylcyclohexane	17.7		1.0	0.50
127-18-4	Tetrachloroethene	17.2		1.0	0.28
1330-20-7	Xylenes, Total	34.9		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.28
124-48-1	Dibromochloromethane	18.7		1.0	0.15
106-93-4	1,2-Dibromoethane	19.0		1.0	0.12
75-71-8	Dichlorodifluoromethane	18.1		1.0	0.32
74-97-5	Bromochloromethane	19.8		1.0	0.17
75-27-4	Bromodichloromethane	18.7		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-135
2037-26-5	Toluene-d8 (Surr)	102		73-121
460-00-4	Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	103		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46832.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Nov-2015 11:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0033985-004
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:55:54 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: delpolitov Date: 09-Nov-2015 16:55:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.543	1.537	0.006	78	12547	20.0	16.9	
2 Dichlorodifluoromethane	85	1.580	1.569	0.011	86	82189	20.0	18.1	
3 Chloromethane	50	1.757	1.757	0.000	99	110343	20.0	21.3	
4 Vinyl chloride	62	1.858	1.853	0.005	65	94141	20.0	20.4	
5 Butadiene	54	1.858	1.858	0.000	97	73605	20.0	19.1	
6 Bromomethane	94	2.147	2.147	0.000	99	44026	20.0	19.9	
7 Chloroethane	64	2.212	2.211	0.001	99	35525	20.0	21.6	
9 Trichlorofluoromethane	101	2.431	2.388	0.043	29	89502	20.0	19.0	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	98	146896	20.0	22.0	
10 Pentane	72	2.436	2.431	0.005	96	18535	40.0	35.9	
11 Ethanol	46	2.613	2.623	-0.010	76	15735	800.0	1031.9	M
12 Ethyl ether	59	2.629	2.629	0.000	92	48986	20.0	20.6	
13 2-Methyl-1,3-butadiene	53	2.656	2.650	0.006	98	52692	20.0	18.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.688	0.000	96	45002	20.0	18.5	
15 Acrolein	56	2.811	2.811	0.000	96	80261	300.0	180.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.832	2.827	0.005	95	59777	20.0	18.2	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	94	48494	20.0	17.9	
18 Acetone	43	2.934	2.928	0.006	85	116961	100.0	104.7	
19 Iodomethane	142	3.003	3.003	0.000	98	100391	20.0	19.7	
20 Isopropyl alcohol	45	3.019	3.009	0.011	98	49883	200.0	231.7	
21 Carbon disulfide	76	3.041	3.041	0.000	100	203601	20.0	18.6	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	94	33597	20.0	19.1	
23 Methyl acetate	43	3.174	3.174	0.000	99	288051	100.0	105.8	
24 Cyclopentene	67	3.191	3.190	0.001	93	141985	20.0	18.5	
25 Acetonitrile	41	3.239	3.233	0.006	91	110909	200.0	214.1	
* 26 TBA-d9 (IS)	65	3.287	3.281	0.006	100	258735	1000.0	1000.0	
27 Methylene Chloride	84	3.298	3.297	0.001	98	65918	20.0	20.3	
28 2-Methyl-2-propanol	59	3.356	3.351	0.005	98	80935	200.0	238.0	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	98	172933	20.0	20.6	
30 trans-1,2-Dichloroethene	96	3.490	3.490	0.000	98	54662	20.0	18.9	
31 Acrylonitrile	53	3.560	3.560	0.000	93	235816	200.0	209.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.645	3.645	0.000	94	58717	20.0	18.6	
34 Isopropyl ether	45	3.859	3.854	0.005	97	233123	20.0	21.2	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	116198	20.0	19.7	
36 Vinyl acetate	43	3.902	3.897	0.005	100	231450	40.0	41.9	
37 2-Chloro-1,3-butadiene	88	3.945	3.939	0.006	93	46111	20.0	18.0	
38 Tert-butyl ethyl ether	59	4.180	4.175	0.005	87	194567	20.0	20.5	
* 39 2-Butanone-d5	46	4.378	4.373	0.005	99	235745	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.399	0.006	95	28291	20.0	17.7	
41 cis-1,2-Dichloroethene	96	4.421	4.421	0.000	93	63213	20.0	19.3	
42 Ethyl acetate	43	4.437	4.432	0.005	93	259379	40.0	42.5	
43 2-Butanone (MEK)	72	4.437	4.432	0.005	96	34835	100.0	104.3	
44 Methyl acrylate	55	4.491	4.485	0.005	100	50664	20.0	20.1	
45 Propionitrile	54	4.571	4.565	0.006	97	92566	200.0	215.6	
66 Tetrahydrofuran	72	4.651	4.651	0.000	64	15963	40.0	40.4	
46 Chlorobromomethane	128	4.656	4.651	0.005	92	30421	20.0	19.8	
47 Methacrylonitrile	67	4.672	4.672	0.000	95	237604	200.0	209.2	
48 Chloroform	83	4.704	4.704	0.000	98	103305	20.0	19.4	
49 Cyclohexane	56	4.849	4.843	0.006	96	106447	20.0	18.3	
50 1,1,1-Trichloroethane	97	4.860	4.854	0.006	96	82226	20.0	17.9	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	133011	50.0	51.7	
52 Carbon tetrachloride	117	4.983	4.977	0.006	97	67978	20.0	17.5	
53 1,1-Dichloropropene	75	5.009	5.004	0.005	94	71925	20.0	17.2	
54 Isobutyl alcohol	43	5.111	5.106	0.005	96	75622	500.0	556.6	
55 Benzene	78	5.207	5.207	0.000	97	231948	20.0	18.9	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	96	137143	50.0	49.5	
57 Isopropyl acetate	43	5.256	5.255	0.001	95	179837	20.0	20.5	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	92	178994	20.0	19.6	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	78295	20.0	19.2	
60 n-Heptane	57	5.357	5.357	0.000	97	47977	20.0	17.5	
* 61 Fluorobenzene	96	5.496	5.496	0.000	98	426325	50.0	50.0	
63 n-Butanol	56	5.785	5.780	0.005	94	47203	500.0	483.2	
64 Trichloroethene	95	5.855	5.855	0.000	97	52218	20.0	17.6	
65 Ethyl acrylate	55	5.972	5.978	-0.006	97	151641	20.0	18.7	
67 Methylcyclohexane	83	5.988	5.983	0.005	93	96868	20.0	17.7	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	90	61758	20.0	18.6	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	85	21782	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	102562	40.0	39.7	
71 1,4-Dioxane	88	6.261	6.256	0.005	27	14448	400.0	515.7	
72 n-Propyl acetate	43	6.267	6.266	0.001	99	91071	20.0	21.3	
73 Dibromomethane	93	6.283	6.283	0.000	95	35689	20.0	19.6	
74 Dichlorobromomethane	83	6.427	6.427	0.000	98	71706	20.0	18.7	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	71	30329	20.0	18.9	
75 2-Nitropropane	41	6.764	6.764	0.000	82	28448	40.0	37.2	
77 Epichlorohydrin	57	6.876	6.871	0.005	100	110887	400.0	391.5	
78 cis-1,3-Dichloropropene	75	6.935	6.930	0.005	95	88003	20.0	19.1	
79 4-Methyl-2-pentanone (MIBK	43	7.090	7.090	0.000	98	322567	100.0	97.2	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	98	433853	50.0	50.8	
81 Toluene	91	7.262	7.262	0.000	93	218650	20.0	17.9	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	72487	20.0	18.8	
83 Ethyl methacrylate	69	7.631	7.631	0.000	94	56888	20.0	17.9	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	40702	20.0	19.4	
85 Tetrachloroethene	166	7.882	7.877	0.005	95	48507	20.0	17.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.043	8.043	0.000	96	76971	20.0	19.3	
87 2-Hexanone	43	8.096	8.096	0.000	99	213871	100.0	98.3	
88 n-Butyl acetate	43	8.209	8.208	0.001	97	67078	20.0	18.8	
89 Chlorodibromomethane	129	8.278	8.273	0.005	97	48846	20.0	18.7	
90 Ethylene Dibromide	107	8.439	8.438	0.001	97	43373	20.0	19.0	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	288990	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	94	138636	20.0	18.5	
93 Ethylbenzene	106	9.123	9.123	0.000	99	70544	20.0	17.1	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	53314	20.0	18.5	
95 m-Xylene & p-Xylene	106	9.268	9.262	0.006	96	86911	20.0	17.2	
96 n-Butyl acrylate	73	9.669	9.664	0.005	95	31835	20.0	17.4	
97 o-Xylene	106	9.690	9.690	0.000	92	94341	20.0	17.6	
98 Styrene	104	9.717	9.717	0.000	96	142956	20.0	18.4	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	101771	20.0	19.1	
100 Bromoform	173	9.915	9.915	0.000	95	29449	20.0	18.5	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	236476	20.0	17.1	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	90	141114	50.0	50.3	
104 Bromobenzene	156	10.311	10.311	0.000	97	58297	20.0	18.2	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	65167	20.0	18.2	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	280314	20.0	16.9	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	15681	20.0	18.3	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.396	0.001	87	18529	20.0	19.3	
109 2-Chlorotoluene	91	10.455	10.455	0.000	97	197010	20.0	17.6	
110 4-Ethyltoluene	105	10.461	10.455	0.006	98	234516	20.0	17.8	
111 1,3,5-Trimethylbenzene	105	10.514	10.509	0.005	93	205070	20.0	17.4	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	172312	20.0	18.1	
113 Butyl Methacrylate	87	10.584	10.584	0.000	96	61215	20.0	17.3	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	166385	20.0	17.8	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	210055	20.0	17.5	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	268708	20.0	17.4	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	224025	20.0	17.3	
118 1,3-Dichlorobenzene	146	11.006	11.001	0.005	95	114020	20.0	18.4	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.054	0.001	95	153482	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.001	95	114558	20.0	18.5	
121 Benzyl chloride	91	11.167	11.167	0.000	98	105546	20.0	17.6	
122 2,3-Dihydroindene	117	11.215	11.210	0.005	94	219430	20.0	18.0	
123 p-Diethylbenzene	119	11.247	11.242	0.005	92	131489	20.0	17.3	
124 n-Butylbenzene	91	11.263	11.258	0.005	97	269208	20.0	17.5	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	114086	20.0	18.1	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	227039	20.0	17.5	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	93	12782	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	98708	20.0	17.9	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	94139	20.0	17.9	
131 Hexachlorobutadiene	225	12.355	12.354	0.001	94	43987	20.0	17.5	
132 Naphthalene	128	12.467	12.467	0.000	99	238567	20.0	19.3	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	98291	20.0	19.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 135 Xylenes, Total	100				0		40.0	34.9	
S 136 Total BTEX	1				0		100.0	88.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

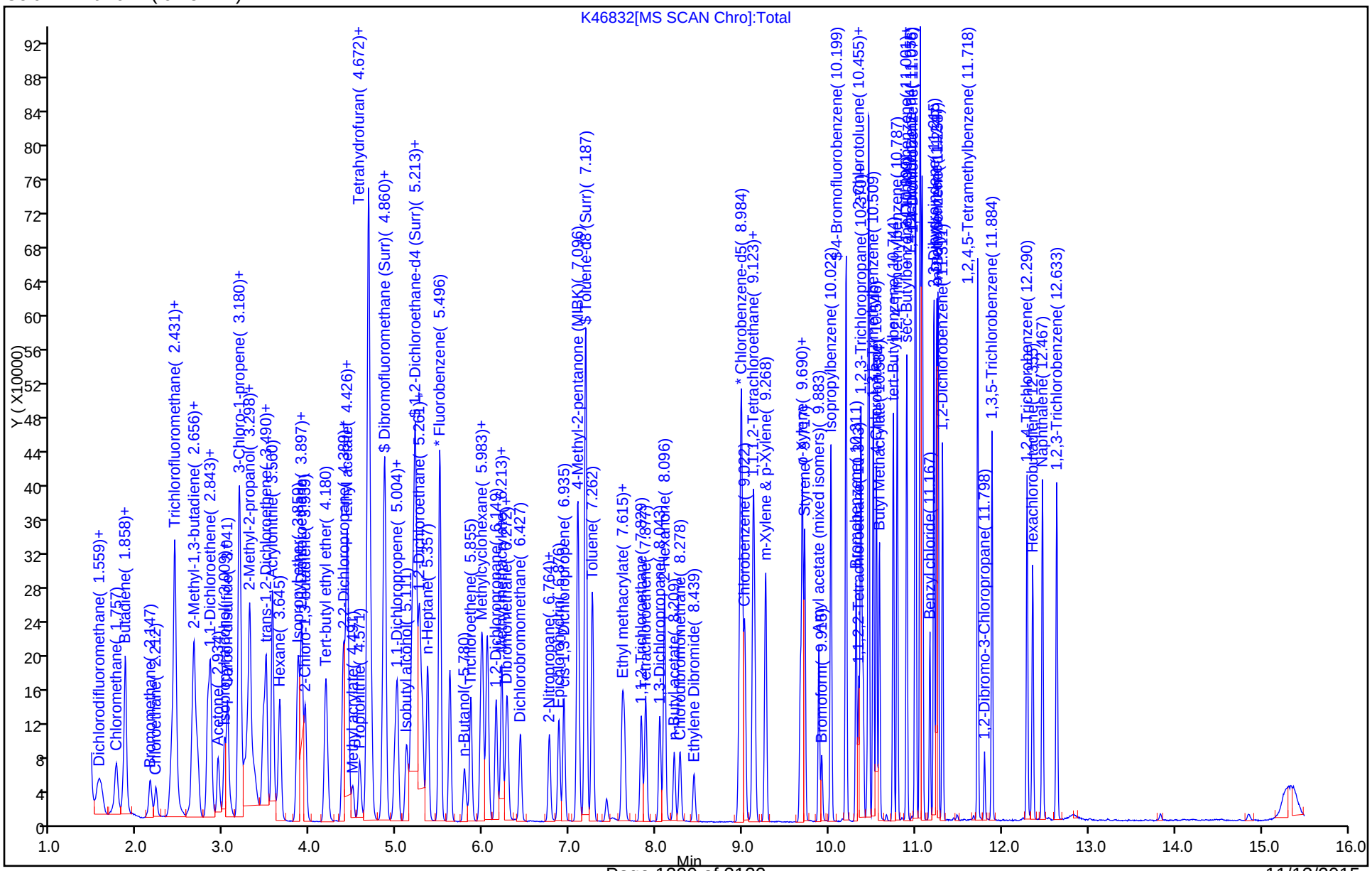
Report Date: 09-Nov-2015 16:55:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46832.D

Injection Date:	09-Nov-2015 11:40:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334331/3

Matrix: Solid | Lab File ID: K46883.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.8		1.0	0.38
74-83-9	Bromomethane	19.8		1.0	0.32
75-01-4	Vinyl chloride	19.8		1.0	0.39
75-00-3	Chloroethane	22.2		1.0	0.35
75-09-2	Methylene Chloride	20.8		1.0	0.32
67-64-1	Acetone	115		5.0	1.1
75-15-0	Carbon disulfide	18.7		1.0	0.43
75-69-4	Trichlorofluoromethane	19.0		1.0	0.34
75-35-4	1,1-Dichloroethene	17.8		1.0	0.41
75-34-3	1,1-Dichloroethane	20.2		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.22
67-66-3	Chloroform	19.8		1.0	0.21
78-93-3	2-Butanone	109		5.0	0.77
107-06-2	1,2-Dichloroethane	19.1		1.0	0.11
71-55-6	1,1,1-Trichloroethane	18.0		1.0	0.38
56-23-5	Carbon tetrachloride	17.2		1.0	0.43
71-43-2	Benzene	18.8		1.0	0.20
75-25-2	Bromoform	17.9		1.0	0.13
100-42-5	Styrene	18.5		1.0	0.15
100-41-4	Ethylbenzene	17.1		1.0	0.18
108-90-7	Chlorobenzene	18.6		1.0	0.14
110-82-7	Cyclohexane	17.1		1.0	0.46
98-82-8	Isopropylbenzene	17.1		1.0	0.17
591-78-6	2-Hexanone	102		5.0	0.94
1634-04-4	MTBE	21.0		1.0	0.17
76-13-1	Freon TF	17.1		1.0	0.44
79-20-9	Methyl acetate	105		5.0	0.90
123-91-1	1,4-Dioxane	502		20	6.4
79-01-6	Trichloroethene	17.4		1.0	0.26
108-88-3	Toluene	17.9		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.10
108-10-1	4-Methyl-2-pentanone	98.5		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.8		1.0	0.14
541-73-1	1,3-Dichlorobenzene	18.8		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334331/3

Matrix: Solid | Lab File ID: K46883.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	18.8		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	21.0		1.0	0.11
78-87-5	1,2-Dichloropropane	18.9		1.0	0.17
108-87-2	Methylcyclohexane	16.6		1.0	0.50
127-18-4	Tetrachloroethene	16.5		1.0	0.28
1330-20-7	Xylenes, Total	35.2		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.17
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.28
124-48-1	Dibromochloromethane	18.4		1.0	0.15
106-93-4	1,2-Dibromoethane	18.6		1.0	0.12
75-71-8	Dichlorodifluoromethane	17.7		1.0	0.32
74-97-5	Bromochloromethane	20.6		1.0	0.17
75-27-4	Bromodichloromethane	18.9		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
2037-26-5	Toluene-d8 (Surr)	103		73-121
460-00-4	Bromofluorobenzene	102		67-126
1868-53-7	Dibromofluoromethane (Surr)	105		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46883.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 10:26:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034050-003
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:30:10 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 10:54:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.553	1.548	0.005	97	13140	20.0	18.4	
2 Dichlorodifluoromethane	85	1.586	1.575	0.011	98	77071	20.0	17.7	
3 Chloromethane	50	1.762	1.757	0.005	99	108632	20.0	21.8	
4 Vinyl chloride	62	1.858	1.853	0.005	78	87937	20.0	19.8	
5 Butadiene	54	1.869	1.858	0.011	96	67569	20.0	18.2	
6 Bromomethane	94	2.153	2.147	0.006	99	42281	20.0	19.8	
7 Chloroethane	64	2.222	2.217	0.005	99	35164	20.0	22.2	
9 Trichlorofluoromethane	101	2.404	2.399	0.005	60	86289	20.0	19.0	
8 Dichlorofluoromethane	67	2.415	2.404	0.011	98	141171	20.0	21.9	
10 Pentane	72	2.442	2.436	0.006	96	16232	40.0	32.6	
11 Ethanol	46	2.629	2.629	0.000	84	15560	800.0	1027.6	
12 Ethyl ether	59	2.639	2.634	0.005	93	47521	20.0	20.8	
13 2-Methyl-1,3-butadiene	53	2.666	2.656	0.010	94	47903	20.0	17.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.693	2.693	0.000	98	42342	20.0	18.0	
15 Acrolein	56	2.816	2.816	0.000	97	120273	300.0	272.6	
16 1,1,2-Trichloro-1,2,2-trif	101	2.837	2.827	0.010	95	54226	20.0	17.1	
17 1,1-Dichloroethene	96	2.859	2.848	0.011	95	46492	20.0	17.8	
18 Acetone	43	2.939	2.939	0.000	85	117654	100.0	114.8	
19 Iodomethane	142	3.014	3.009	0.005	100	100510	20.0	20.5	
20 Isopropyl alcohol	45	3.030	3.025	0.005	98	49572	200.0	231.9	
21 Carbon disulfide	76	3.051	3.046	0.005	100	196740	20.0	18.7	
22 3-Chloro-1-propene	76	3.180	3.169	0.011	95	32654	20.0	19.3	
23 Methyl acetate	43	3.185	3.180	0.005	99	276116	100.0	105.4	
24 Cyclopentene	67	3.201	3.196	0.005	93	131213	20.0	17.8	
25 Acetonitrile	41	3.244	3.239	0.005	92	107919	200.0	209.8	
* 26 TBA-d9 (IS)	65	3.292	3.298	-0.006	100	256918	1000.0	1000.0	
27 Methylene Chloride	84	3.308	3.303	0.005	99	65266	20.0	20.8	
28 2-Methyl-2-propanol	59	3.362	3.356	0.006	99	73135	200.0	215.7	
29 Methyl tert-butyl ether	73	3.469	3.463	0.006	98	169812	20.0	21.0	
30 trans-1,2-Dichloroethene	96	3.495	3.496	-0.001	99	53274	20.0	19.1	
31 Acrylonitrile	53	3.565	3.565	0.000	93	226431	200.0	208.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.651	3.651	0.000	93	51619	20.0	17.0	
34 Isopropyl ether	45	3.859	3.859	0.000	98	229633	20.0	21.7	
35 1,1-Dichloroethane	63	3.902	3.897	0.005	99	114612	20.0	20.2	
36 Vinyl acetate	43	3.907	3.902	0.005	100	224173	40.0	42.2	
37 2-Chloro-1,3-butadiene	88	3.950	3.945	0.005	93	44360	20.0	18.0	
38 Tert-butyl ethyl ether	59	4.186	4.180	0.006	88	193613	20.0	21.2	
* 39 2-Butanone-d5	46	4.378	4.384	-0.006	94	216822	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.405	0.000	95	27843	20.0	18.1	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	90	62118	20.0	19.7	
42 Ethyl acetate	43	4.437	4.437	0.000	93	242772	40.0	43.2	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	96	33321	100.0	108.6	
44 Methyl acrylate	55	4.496	4.496	0.000	100	47541	20.0	19.6	
45 Propionitrile	54	4.576	4.576	0.000	97	89308	200.0	209.5	
66 Tetrahydrofuran	72	4.656	4.656	0.000	62	15456	40.0	42.6	
46 Chlorobromomethane	128	4.656	4.656	0.000	92	30397	20.0	20.6	
47 Methacrylonitrile	67	4.678	4.678	0.000	96	222996	200.0	203.9	
48 Chloroform	83	4.710	4.705	0.005	97	101475	20.0	19.8	
49 Cyclohexane	56	4.849	4.849	0.000	97	96044	20.0	17.1	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	92	79374	20.0	18.0	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	130244	50.0	52.6	
52 Carbon tetrachloride	117	4.983	4.983	0.000	97	64240	20.0	17.2	
53 1,1-Dichloropropene	75	5.009	5.009	0.000	95	67276	20.0	16.7	
54 Isobutyl alcohol	43	5.116	5.116	0.000	95	73340	500.0	543.7	
55 Benzene	78	5.213	5.213	0.000	97	221876	20.0	18.8	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	97	133229	50.0	50.0	
57 Isopropyl acetate	43	5.255	5.256	-0.001	96	175761	20.0	20.8	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	96	175368	20.0	20.0	
59 1,2-Dichloroethane	62	5.304	5.298	0.006	96	75123	20.0	19.1	
60 n-Heptane	57	5.357	5.357	0.000	97	41788	20.0	15.8	
* 61 Fluorobenzene	96	5.502	5.502	0.000	98	410404	50.0	50.0	
63 n-Butanol	56	5.785	5.785	0.000	92	43604	500.0	449.5	
64 Trichloroethene	95	5.855	5.860	-0.005	98	49670	20.0	17.4	
65 Ethyl acrylate	55	5.978	5.978	0.000	97	135452	20.0	17.4	
67 Methylcyclohexane	83	5.988	5.988	0.000	94	87126	20.0	16.6	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	89	60261	20.0	18.9	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	85	21928	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	95136	40.0	38.3	
71 1,4-Dioxane	88	6.256	6.251	0.005	31	14173	400.0	502.2	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	89442	20.0	21.7	
73 Dibromomethane	93	6.283	6.283	0.000	96	33738	20.0	19.3	
74 Dichlorobromomethane	83	6.432	6.432	0.000	98	69792	20.0	18.9	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	73	27868	20.0	18.1	
75 2-Nitropropane	41	6.764	6.764	0.000	83	25032	40.0	34.0	
77 Epichlorohydrin	57	6.876	6.871	0.005	99	102593	400.0	393.9	
78 cis-1,3-Dichloropropene	75	6.935	6.935	0.000	95	83773	20.0	18.9	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	300714	100.0	98.5	
$ 80 Toluene-d8 (Surr)	98	7.187	7.187	0.000	98	421184	50.0	51.3	
81 Toluene	91	7.262	7.262	0.000	93	210129	20.0	17.9	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	69019	20.0	18.6	
83 Ethyl methacrylate	69	7.631	7.631	0.000	93	53297	20.0	17.5	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	37606	20.0	18.7	
85 Tetrachloroethene	166	7.882	7.882	0.000	96	44819	20.0	16.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.043	8.043	0.000	96	72777	20.0	19.0	
87 2-Hexanone	43	8.096	8.096	0.000	100	204307	100.0	102.1	
88 n-Butyl acetate	43	8.209	8.209	0.000	97	64452	20.0	18.8	
89 Chlorodibromomethane	129	8.278	8.278	0.000	98	46175	20.0	18.4	
90 Ethylene Dibromide	107	8.439	8.439	0.000	98	40909	20.0	18.6	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	277815	50.0	50.0	
92 Chlorobenzene	112	9.022	9.027	-0.005	94	133887	20.0	18.6	
93 Ethylbenzene	106	9.123	9.123	0.000	99	67540	20.0	17.1	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	51919	20.0	18.7	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	82968	20.0	17.1	
96 n-Butyl acrylate	73	9.669	9.669	0.000	96	30971	20.0	17.6	
97 o-Xylene	106	9.690	9.690	0.000	93	92829	20.0	18.1	
98 Styrene	104	9.717	9.717	0.000	95	138426	20.0	18.5	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	95851	20.0	18.6	
100 Bromoform	173	9.915	9.915	0.000	95	27533	20.0	17.9	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	226991	20.0	17.1	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	91	136869	50.0	50.8	
104 Bromobenzene	156	10.311	10.311	0.000	97	56907	20.0	18.3	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	63027	20.0	18.1	
106 N-Propylbenzene	91	10.364	10.365	-0.001	99	270151	20.0	16.8	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	15411	20.0	18.6	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	0.000	88	16706	20.0	17.9	
109 2-Chlorotoluene	91	10.455	10.455	0.000	96	193594	20.0	17.9	
110 4-Ethyltoluene	105	10.461	10.461	0.000	98	227960	20.0	17.8	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	200161	20.0	17.5	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	167770	20.0	18.2	
113 Butyl Methacrylate	87	10.584	10.584	0.000	96	61313	20.0	17.8	
114 tert-Butylbenzene	119	10.744	10.744	0.000	95	155830	20.0	17.2	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	208647	20.0	17.9	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	252164	20.0	16.8	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	213882	20.0	17.0	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	97	112911	20.0	18.8	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	149017	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	94	111873	20.0	18.6	
121 Benzyl chloride	91	11.167	11.167	0.000	98	102648	20.0	17.6	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	94	221042	20.0	18.7	
123 p-Diethylbenzene	119	11.247	11.242	0.005	92	131061	20.0	17.8	
124 n-Butylbenzene	91	11.263	11.263	0.000	97	259790	20.0	17.4	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	115080	20.0	18.8	
126 1,2,4,5-Tetramethylbenzene	119	11.723	11.718	0.005	97	227318	20.0	18.0	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	94	12742	20.0	19.0	
128 1,3,5-Trichlorobenzene	180	11.889	11.884	0.005	97	99668	20.0	18.7	
130 1,2,4-Trichlorobenzene	180	12.296	12.290	0.006	94	95950	20.0	18.8	
131 Hexachlorobutadiene	225	12.360	12.355	0.005	94	41470	20.0	17.0	
132 Naphthalene	128	12.472	12.467	0.005	99	236448	20.0	19.7	
133 1,2,3-Trichlorobenzene	180	12.638	12.633	0.005	95	100562	20.0	21.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.8	
S 135 Xylenes, Total	100				0		40.0	35.2	
S 136 Total BTEX	1				0		100.0	88.9	

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:30:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46883.D

Injection Date: 10-Nov-2015 10:26:30 Instrument ID: CVOAMS9 Operator ID:

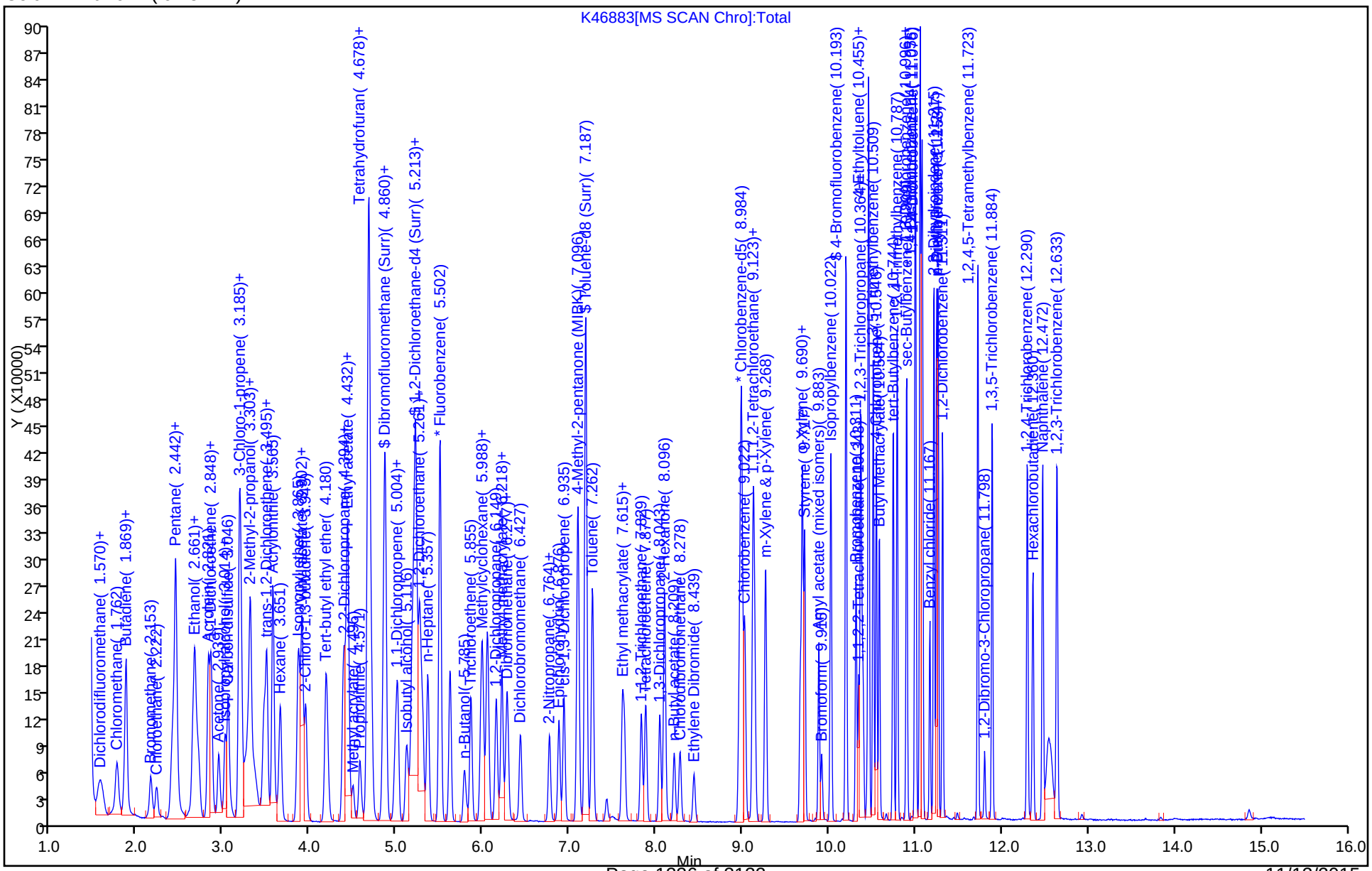
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334450/3

Matrix: Solid | Lab File ID: K46909.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	19.9		1.0	0.38
74-83-9	Bromomethane	21.9		1.0	0.32
75-01-4	Vinyl chloride	20.4		1.0	0.39
75-00-3	Chloroethane	26.9		1.0	0.35
75-09-2	Methylene Chloride	20.3		1.0	0.32
67-64-1	Acetone	125		5.0	1.1
75-15-0	Carbon disulfide	20.9		1.0	0.43
75-69-4	Trichlorofluoromethane	21.8		1.0	0.34
75-35-4	1,1-Dichloroethene	21.0		1.0	0.41
75-34-3	1,1-Dichloroethane	21.1		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	20.8		1.0	0.22
67-66-3	Chloroform	20.2		1.0	0.21
78-93-3	2-Butanone	112		5.0	0.77
107-06-2	1,2-Dichloroethane	19.2		1.0	0.11
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.38
56-23-5	Carbon tetrachloride	21.0		1.0	0.43
71-43-2	Benzene	19.7		1.0	0.20
75-25-2	Bromoform	18.2		1.0	0.13
100-42-5	Styrene	20.2		1.0	0.15
100-41-4	Ethylbenzene	19.9		1.0	0.18
108-90-7	Chlorobenzene	20.0		1.0	0.14
110-82-7	Cyclohexane	22.7		1.0	0.46
98-82-8	Isopropylbenzene	20.5		1.0	0.17
591-78-6	2-Hexanone	110		5.0	0.94
1634-04-4	MTBE	20.9		1.0	0.17
76-13-1	Freon TF	21.9		1.0	0.44
79-20-9	Methyl acetate	102		5.0	0.90
123-91-1	1,4-Dioxane	493		20	6.4
79-01-6	Trichloroethene	20.2		1.0	0.26
108-88-3	Toluene	19.8		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.10
108-10-1	4-Methyl-2-pentanone	104		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.14
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334450/3

Matrix: Solid | Lab File ID: K46909.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	19.8		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	21.5		1.0	0.11
78-87-5	1,2-Dichloropropane	19.8		1.0	0.17
108-87-2	Methylcyclohexane	22.3		1.0	0.50
127-18-4	Tetrachloroethene	20.1		1.0	0.28
1330-20-7	Xylenes, Total	39.8		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	18.6		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.28
124-48-1	Dibromochloromethane	19.2		1.0	0.15
106-93-4	1,2-Dibromoethane	19.1		1.0	0.12
75-71-8	Dichlorodifluoromethane	20.7		1.0	0.32
74-97-5	Bromochloromethane	20.5		1.0	0.17
75-27-4	Bromodichloromethane	19.6		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	101		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46909.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 22:28:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034066-003
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:02:25 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 11-Nov-2015 00:09:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.537	1.548	-0.011	82	16529	20.0	20.4	
2 Dichlorodifluoromethane	85	1.580	1.575	0.005	99	102048	20.0	20.7	
3 Chloromethane	50	1.746	1.746	0.000	99	112448	20.0	19.9	
4 Vinyl chloride	62	1.853	1.848	0.005	98	102333	20.0	20.4	
5 Butadiene	54	1.858	1.853	0.005	97	82614	20.0	19.7	
6 Bromomethane	94	2.147	2.142	0.005	99	52709	20.0	21.9	
7 Chloroethane	64	2.217	2.212	0.005	99	48170	20.0	26.9	
9 Trichlorofluoromethane	101	2.399	2.394	0.005	68	111949	20.0	21.8	
8 Dichlorofluoromethane	67	2.404	2.399	0.005	98	156964	20.0	21.6	
10 Pentane	72	2.442	2.431	0.011	96	24845	40.0	44.2	
11 Ethanol	46	2.634	2.624	0.010	77	12079	800.0	677.1	
12 Ethyl ether	59	2.634	2.629	0.005	91	52463	20.0	20.3	
13 2-Methyl-1,3-butadiene	53	2.656	2.656	0.000	98	68118	20.0	21.9	
14 1,2-Dichloro-1,1,2-trifluo	117	2.688	2.682	0.006	97	56849	20.0	21.4	
15 Acrolein	56	2.811	2.811	0.000	97	129956	300.0	249.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	96	78195	20.0	21.9	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	95	61882	20.0	21.0	
18 Acetone	43	2.934	2.934	0.000	85	150417	100.0	125.3	
19 Iodomethane	142	3.009	3.003	0.006	98	116386	20.0	20.9	
20 Isopropyl alcohol	45	3.025	3.014	0.011	1	57099	200.0	226.5	
21 Carbon disulfide	76	3.046	3.041	0.005	100	249579	20.0	20.9	
22 3-Chloro-1-propene	76	3.174	3.169	0.005	96	39758	20.0	20.8	
23 Methyl acetate	43	3.180	3.180	0.000	99	303147	100.0	102.3	
24 Cyclopentene	67	3.196	3.191	0.005	94	189238	20.0	22.6	
25 Acetonitrile	41	3.239	3.239	0.000	98	134574	200.0	221.8	
* 26 TBA-d9 (IS)	65	3.287	3.292	-0.005	100	302953	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.298	0.005	98	72003	20.0	20.3	
28 2-Methyl-2-propanol	59	3.356	3.367	-0.011	98	86282	200.0	215.8	
29 Methyl tert-butyl ether	73	3.463	3.458	0.005	97	190948	20.0	20.9	
30 trans-1,2-Dichloroethene	96	3.495	3.490	0.005	99	65432	20.0	20.8	
31 Acrylonitrile	53	3.565	3.565	0.000	95	255682	200.0	208.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.651	3.645	0.006	94	77913	20.0	22.6	
34 Isopropyl ether	45	3.854	3.854	0.000	97	257877	20.0	21.5	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	135070	20.0	21.1	
36 Vinyl acetate	43	3.902	3.897	0.005	100	274018	40.0	45.6	M
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	92	60461	20.0	21.7	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	217105	20.0	21.0	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	98	254707	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.400	0.005	96	35031	20.0	20.2	
41 cis-1,2-Dichloroethene	96	4.426	4.421	0.005	90	73984	20.0	20.8	
42 Ethyl acetate	43	4.432	4.432	0.000	93	286799	40.0	43.5	
43 2-Butanone (MEK)	72	4.432	4.432	0.000	96	40363	100.0	112.1	
44 Methyl acrylate	55	4.491	4.491	-0.001	99	56549	20.0	20.7	
45 Propionitrile	54	4.571	4.571	0.000	98	102458	200.0	203.8	
66 Tetrahydrofuran	72	4.651	4.651	0.000	61	17484	40.0	41.0	
46 Chlorobromomethane	128	4.656	4.656	0.000	91	34269	20.0	20.5	
47 Methacrylonitrile	67	4.678	4.673	0.006	95	257574	200.0	208.3	
48 Chloroform	83	4.705	4.705	-0.001	98	117295	20.0	20.2	
49 Cyclohexane	56	4.849	4.844	0.005	96	143712	20.0	22.7	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	88	105315	20.0	21.1	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	141802	50.0	50.6	
52 Carbon tetrachloride	117	4.983	4.983	0.000	98	88891	20.0	21.0	
53 1,1-Dichloropropene	75	5.009	5.010	-0.001	96	94491	20.0	20.8	
54 Isobutyl alcohol	43	5.116	5.117	-0.001	95	80809	500.0	508.0	
55 Benzene	78	5.207	5.207	0.000	97	273777	20.0	19.7	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.224	-0.001	96	143413	50.0	47.6	
57 Isopropyl acetate	43	5.256	5.256	0.000	96	200042	20.0	21.0	
58 Tert-amyl methyl ether	73	5.266	5.261	0.005	92	202741	20.0	20.4	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	85152	20.0	19.2	
60 n-Heptane	57	5.357	5.357	0.000	97	65296	20.0	21.9	
* 61 Fluorobenzene	96	5.496	5.496	0.000	98	464074	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	93	52166	500.0	456.0	
64 Trichloroethene	95	5.855	5.855	0.000	98	65146	20.0	20.2	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	192039	20.0	21.8	
67 Methylcyclohexane	83	5.988	5.989	-0.001	93	132874	20.0	22.3	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	91	71446	20.0	19.8	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	84	24897	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	114884	40.0	40.9	
71 1,4-Dioxane	88	6.256	6.256	0.000	27	15808	400.0	493.2	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	100298	20.0	21.5	
73 Dibromomethane	93	6.277	6.283	-0.006	96	38697	20.0	19.6	
74 Dichlorobromomethane	83	6.427	6.427	0.000	99	81545	20.0	19.6	
76 2-Chloroethyl vinyl ether	63	6.759	6.764	-0.005	73	34600	20.0	19.8	
75 2-Nitropropane	41	6.764	6.764	0.000	81	29669	40.0	35.6	
77 Epichlorohydrin	57	6.871	6.871	0.000	100	123211	400.0	402.7	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	93	101972	20.0	19.6	
79 4-Methyl-2-pentanone (MIBK	43	7.090	7.096	-0.006	98	373375	100.0	104.1	
$ 80 Toluene-d8 (Surr)	98	7.181	7.182	-0.001	99	483255	50.0	50.0	
81 Toluene	91	7.262	7.262	0.000	94	273170	20.0	19.8	
82 trans-1,3-Dichloropropene	75	7.609	7.604	0.005	97	84057	20.0	19.2	
83 Ethyl methacrylate	69	7.631	7.631	0.000	92	68823	20.0	19.2	
84 1,1,2-Trichloroethane	83	7.829	7.823	0.006	96	46587	20.0	19.7	
85 Tetrachloroethene	166	7.877	7.877	0.000	96	64228	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.037	8.037	0.000	96	87541	20.0	19.5	
87 2-Hexanone	43	8.096	8.096	0.000	100	257990	100.0	109.7	
88 n-Butyl acetate	43	8.209	8.209	0.000	97	78832	20.0	19.6	
89 Chlorodibromomethane	129	8.273	8.278	-0.005	98	56883	20.0	19.2	
90 Ethylene Dibromide	107	8.433	8.439	-0.006	99	49489	20.0	19.1	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	326834	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	94	170014	20.0	20.0	
93 Ethylbenzene	106	9.118	9.123	-0.005	99	92537	20.0	19.9	
94 1,1,1,2-Tetrachloroethane	131	9.134	9.140	-0.006	94	63862	20.0	19.6	
95 m-Xylene & p-Xylene	106	9.262	9.263	-0.001	97	112439	20.0	19.7	
96 n-Butyl acrylate	73	9.664	9.664	0.000	96	39780	20.0	19.2	
97 o-Xylene	106	9.690	9.691	-0.001	94	121691	20.0	20.1	
98 Styrene	104	9.717	9.717	0.000	95	177315	20.0	20.2	
99 Amyl acetate (mixed isomer	43	9.878	9.883	-0.005	88	116725	20.0	19.3	
100 Bromoform	173	9.915	9.915	0.000	95	32902	20.0	18.2	
101 Isopropylbenzene	105	10.017	10.022	-0.005	96	320170	20.0	20.5	
$ 102 4-Bromofluorobenzene	174	10.193	10.193	0.000	89	160234	50.0	50.5	
104 Bromobenzene	156	10.311	10.311	0.000	98	71061	20.0	19.6	
105 1,1,2,2-Tetrachloroethane	83	10.338	10.343	-0.005	99	75437	20.0	18.6	
106 N-Propylbenzene	91	10.364	10.365	-0.001	99	378938	20.0	20.1	
107 1,2,3-Trichloropropane	110	10.381	10.386	-0.005	98	18640	20.0	19.2	
108 trans-1,4-Dichloro-2-buten	53	10.391	10.397	-0.006	89	20143	20.0	18.5	
109 2-Chlorotoluene	91	10.455	10.456	-0.001	97	249569	20.0	19.7	
110 4-Ethyltoluene	105	10.455	10.456	-0.001	98	309990	20.0	20.7	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	269967	20.0	20.2	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	210286	20.0	19.5	
113 Butyl Methacrylate	87	10.578	10.584	-0.006	95	77036	20.0	19.2	
114 tert-Butylbenzene	119	10.739	10.739	0.000	93	219697	20.0	20.7	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	271892	20.0	20.0	
116 sec-Butylbenzene	105	10.894	10.900	-0.006	99	368483	20.0	21.0	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	307058	20.0	20.9	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	95	137713	20.0	19.6	
* 119 1,4-Dichlorobenzene-d4	152	11.049	11.055	-0.006	95	174131	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.065	11.071	-0.006	96	138844	20.0	19.8	
121 Benzyl chloride	91	11.162	11.167	-0.005	98	128434	20.0	18.9	
122 2,3-Dihydroindene	117	11.210	11.210	0.000	94	271086	20.0	19.6	
123 p-Diethylbenzene	119	11.242	11.242	0.000	92	180782	20.0	21.0	
124 n-Butylbenzene	91	11.258	11.258	0.000	97	357220	20.0	20.5	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	140494	20.0	19.7	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	296980	20.0	20.1	
127 1,2-Dibromo-3-Chloropropan	75	11.793	11.798	-0.005	95	14551	20.0	18.5	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	125525	20.0	20.1	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	118201	20.0	19.8	
131 Hexachlorobutadiene	225	12.355	12.355	0.000	94	58864	20.0	20.6	
132 Naphthalene	128	12.467	12.467	0.000	99	288463	20.0	20.6	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	120244	20.0	21.5	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 135 Xylenes, Total	100				0		40.0	39.8	
S 136 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
GASES Li_00126	Amount Added:	2.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 12:02:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46909.D

Injection Date: 10-Nov-2015 22:28:30 Instrument ID: CVOAMS9 Operator ID:

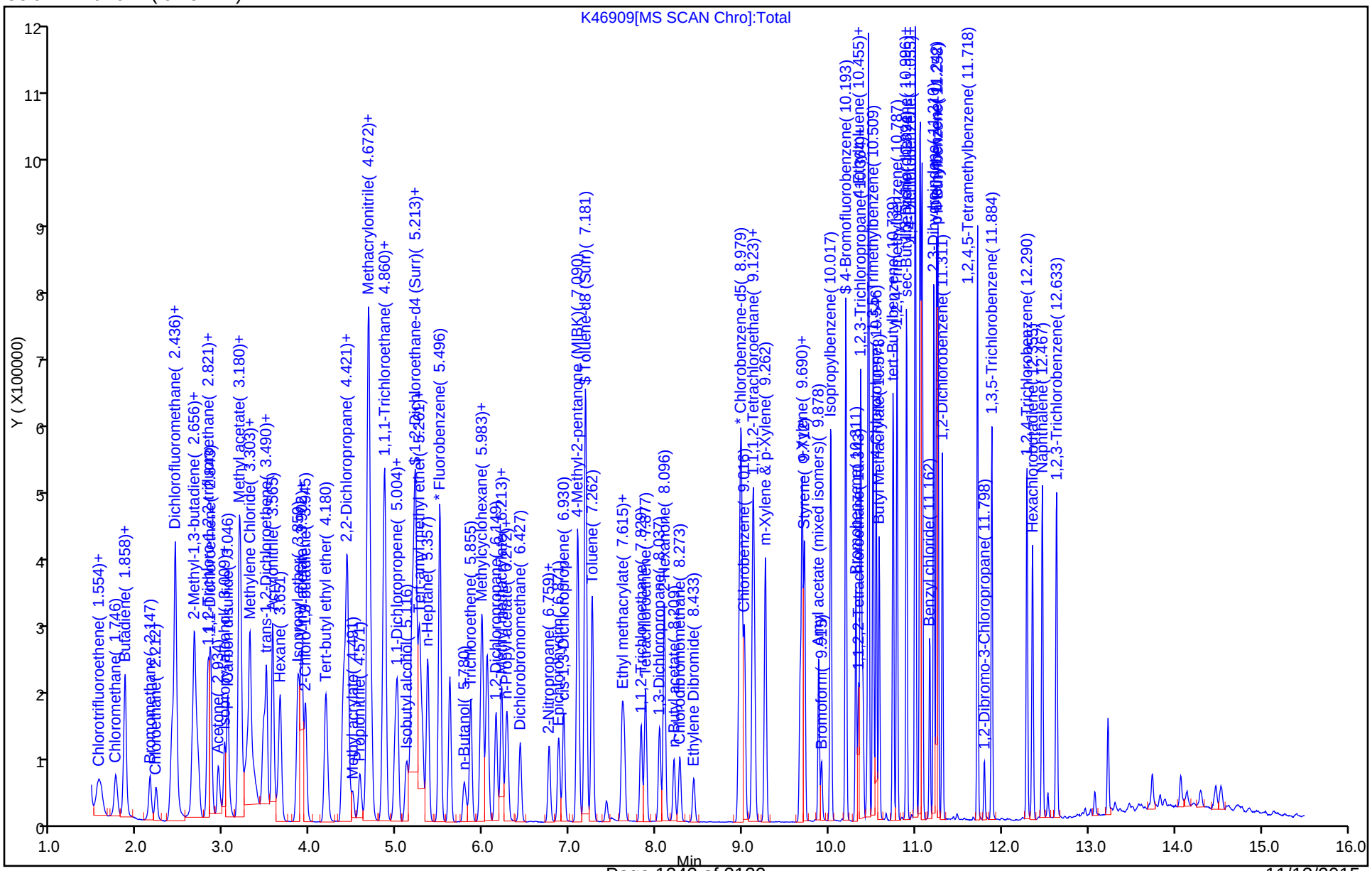
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334459/3

Matrix: Water | Lab File ID: O03986.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.3		1.0	0.22
74-83-9	Bromomethane	19.8		1.0	0.18
75-01-4	Vinyl chloride	15.9		1.0	0.060
75-00-3	Chloroethane	18.6		1.0	0.37
75-09-2	Methylene Chloride	19.2		1.0	0.21
67-64-1	Acetone	85.5		5.0	1.1
75-15-0	Carbon disulfide	21.5		1.0	0.22
75-69-4	Trichlorofluoromethane	17.9		1.0	0.15
75-35-4	1,1-Dichloroethene	19.9		1.0	0.34
75-34-3	1,1-Dichloroethane	19.9		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	19.1		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.26
67-66-3	Chloroform	19.7		1.0	0.22
78-93-3	2-Butanone	92.5		5.0	2.2
107-06-2	1,2-Dichloroethane	19.2		1.0	0.25
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.28
56-23-5	Carbon tetrachloride	20.4		1.0	0.33
71-43-2	Benzene	19.9		1.0	0.090
75-25-2	Bromoform	18.6		1.0	0.18
100-42-5	Styrene	19.6		1.0	0.17
100-41-4	Ethylbenzene	20.2		1.0	0.30
108-90-7	Chlorobenzene	19.3		1.0	0.24
110-82-7	Cyclohexane	18.5		1.0	0.26
98-82-8	Isopropylbenzene	20.7		1.0	0.32
591-78-6	2-Hexanone	99.2		5.0	0.72
1634-04-4	MTBE	19.7		1.0	0.13
76-13-1	Freon TF	19.2		1.0	0.34
79-20-9	Methyl acetate	93.0		5.0	0.58
123-91-1	1,4-Dioxane	387		50	8.7
79-01-6	Trichloroethene	19.6		1.0	0.22
108-88-3	Toluene	19.8		1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.19
108-10-1	4-Methyl-2-pentanone	99.7		5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.16
95-50-1	1,2-Dichlorobenzene	19.4		1.0	0.22
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334459/3

Matrix: Water | Lab File ID: O03986.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	18.9		1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.35
78-87-5	1,2-Dichloropropane	19.6		1.0	0.18
108-87-2	Methylcyclohexane	17.9		1.0	0.22
127-18-4	Tetrachloroethene	20.5		1.0	0.12
1330-20-7	Xylenes, Total	39.7		2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	20.2		1.0	0.19
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.080
124-48-1	Dibromochloromethane	19.3		1.0	0.22
106-93-4	1,2-Dibromoethane	19.9		1.0	0.19
75-71-8	Dichlorodifluoromethane	14.6		1.0	0.14
74-97-5	Bromochloromethane	20.3		1.0	0.30
75-27-4	Bromodichloromethane	19.6		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-137
2037-26-5	Toluene-d8 (Surr)	95		74-120
460-00-4	Bromofluorobenzene	100		70-131
1868-53-7	Dibromofluoromethane (Surr)	94		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03986.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 21:09:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0034068-003
Operator ID: Instrument ID: CVOAMS12

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 16:22:33 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: delpolitov Date: 11-Nov-2015 16:22:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	88	8041	20.0	16.5	
2 Dichlorodifluoromethane	85	0.985	0.985	0.000	99	59647	20.0	14.6	
4 Chloromethane	50	1.138	1.138	0.000	99	61985	20.0	16.3	
3 Vinyl chloride	62	1.150	1.150	0.000	97	65229	20.0	15.9	
5 Butadiene	54	1.174	1.174	0.000	98	58376	20.0	16.6	
7 Bromomethane	94	1.344	1.344	0.000	99	30802	20.0	19.8	
8 Chloroethane	64	1.399	1.399	0.000	100	47794	20.0	18.6	
11 Dichlorofluoromethane	67	1.521	1.521	0.000	98	114034	20.0	18.6	
10 Trichlorofluoromethane	101	1.551	1.551	0.000	98	76195	20.0	17.9	
9 Pentane	72	1.600	1.600	0.000	96	21949	40.0	39.5	
14 Ethanol	46	1.679	1.679	0.000	51	17048	800.0	724.4	
13 Ethyl ether	59	1.728	1.728	0.000	96	55952	20.0	18.8	
12 2-Methyl-1,3-butadiene	67	1.740	1.740	0.000	97	155086	20.0	20.8	
15 1,2-Dichloro-1,1,2-trifluo	67	1.740	1.740	0.000	88	155086	20.0	20.8	
21 Acrolein	56	1.807	1.807	0.000	96	30357	40.0	40.9	
16 1,1-Dichloroethene	96	1.868	1.868	0.000	96	49333	20.0	19.9	
18 1,1,2-Trichloro-1,2,2-trif	101	1.874	1.874	0.000	96	47840	20.0	19.2	
25 Acetone	58	1.904	1.904	0.000	86	34646	100.0	85.5	
19 Iodomethane	142	1.965	1.965	0.000	96	31175	20.0	15.1	
23 Isopropyl alcohol	45	2.001	2.001	0.000	99	46033	200.0	192.6	
17 Carbon disulfide	76	2.007	2.007	0.000	100	158999	20.0	21.5	
32 Acetonitrile	41	2.099	2.099	0.000	79	186960	200.0	206.5	
22 3-Chloro-1-propene	76	2.099	2.099	0.000	89	41873	20.0	10.0	
27 Methyl acetate	74	2.117	2.117	0.000	100	69504	100.0	93.0	
20 Cyclopentene	67	2.153	2.153	0.000	96	146066	20.0	19.9	
24 Methylene Chloride	84	2.178	2.178	0.000	95	58133	20.0	19.2	
* 30 TBA-d9 (IS)	65	2.214	2.214	0.000	98	340594	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.269	2.269	0.000	99	65179	200.0	174.2	
37 Acrylonitrile	53	2.348	2.348	0.000	94	264363	200.0	208.0	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	98	56136	20.0	19.1	
29 Methyl tert-butyl ether	73	2.379	2.379	0.000	97	183187	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
28 Hexane	57	2.573	2.573	0.000	93	71276	20.0	18.9	
36 1,1-Dichloroethane	63	2.671	2.671	0.000	100	106400	20.0	19.9	
40 Vinyl acetate	86	2.719	2.719	0.000	100	21956	40.0	47.8	
34 Isopropyl ether	45	2.737	2.737	0.000	88	198888	20.0	19.1	
35 2-Chloro-1,3-butadiene	88	2.744	2.744	0.000	92	54892	20.0	19.4	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	184267	20.0	19.0	
* 52 2-Butanone-d5	46	3.096	3.096	0.000	0	359692	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.127	3.127	0.000	92	61522	20.0	19.0	
42 2,2-Dichloropropane	97	3.127	3.127	0.000	74	18055	20.0	19.4	
53 2-Butanone (MEK)	72	3.145	3.145	0.000	100	43814	100.0	92.5	
58 Propionitrile	54	3.188	3.188	0.000	94	104311	200.0	188.0	
47 Ethyl acetate	70	3.206	3.206	0.000	100	11526	40.0	38.2	
48 Methyl acrylate	55	3.230	3.230	0.000	99	69372	20.0	19.2	
59 Methacrylonitrile	67	3.315	3.315	0.000	93	303460	200.0	194.6	
44 Chlorobromomethane	128	3.322	3.322	0.000	96	28499	20.0	20.3	
49 Tetrahydrofuran	42	3.370	3.370	0.000	93	44320	40.0	39.0	
45 Chloroform	83	3.395	3.395	0.000	98	96065	20.0	19.7	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	96	123733	50.0	47.1	
51 1,1,1-Trichloroethane	97	3.559	3.559	0.000	98	76075	20.0	20.1	
43 Cyclohexane	56	3.607	3.607	0.000	92	92123	20.0	18.5	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	93	78245	20.0	20.4	
46 Carbon tetrachloride	117	3.705	3.705	0.000	74	59976	20.0	20.4	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.839	3.839	0.000	96	161092	50.0	46.8	
63 Isobutyl alcohol	43	3.851	3.851	0.000	96	70451	500.0	488.4	
56 Benzene	78	3.893	3.893	0.000	96	233048	20.0	19.9	
62 1,2-Dichloroethane	62	3.906	3.906	0.000	98	82933	20.0	19.2	
55 Isooctane	57	3.997	3.997	0.000	98	134289	20.0	19.6	
66 Isopropyl acetate	43	3.997	3.997	0.000	98	210189	20.0	19.3	
61 Tert-amyl methyl ether	73	4.027	4.027	0.000	93	174043	20.0	19.0	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	500571	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	94	57656	20.0	18.2	
70 n-Butanol	56	4.520	4.520	0.000	89	45048	500.0	466.2	
68 Trichloroethene	95	4.538	4.538	0.000	98	55879	20.0	19.6	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	86740	20.0	19.9	
67 Methylcyclohexane	83	4.745	4.745	0.000	95	80937	20.0	17.9	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	93	60884	20.0	19.6	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	96	39657	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	97	36608	20.0	20.3	
76 1,4-Dioxane	88	4.940	4.940	0.000	30	17164	400.0	387.0	
75 Methyl methacrylate	100	4.946	4.946	0.000	90	35026	40.0	37.7	
77 n-Propyl acetate	43	5.031	5.031	0.000	98	95937	20.0	19.7	
72 Dichlorobromomethane	83	5.086	5.086	0.000	99	69619	20.0	19.6	
83 2-Nitropropane	41	5.353	5.353	0.000	98	31820	40.0	38.6	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	96	37982	20.0	17.2	
82 Epichlorohydrin	57	5.518	5.518	0.000	99	136104	400.0	406.9	
79 cis-1,3-Dichloropropene	75	5.621	5.621	0.000	95	93591	20.0	19.6	
85 4-Methyl-2-pentanone (MIBK	43	5.840	5.840	0.000	97	326333	100.0	99.7	
$ 80 Toluene-d8 (Surr)	98	5.944	5.944	0.000	99	513726	50.0	47.6	
81 Toluene	91	6.023	6.023	0.000	93	235229	20.0	19.8	
86 trans-1,3-Dichloropropene	75	6.327	6.327	0.000	98	83693	20.0	19.7	
88 Ethyl methacrylate	69	6.509	6.509	0.000	89	78241	20.0	20.1	
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	94	45115	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	6.728	6.728	0.000	96	52339	20.0	20.5	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	95	93820	20.0	20.3	
93 2-Hexanone	43	6.947	6.947	0.000	96	230184	100.0	99.2	
89 Chlorodibromomethane	129	7.069	7.069	0.000	98	49298	20.0	19.3	
92 n-Butyl acetate	43	7.172	7.172	0.000	99	75715	20.0	20.0	
91 Ethylene Dibromide	107	7.197	7.197	0.000	98	53056	20.0	19.9	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	401454	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	93	142919	20.0	19.3	
97 1,1,1,2-Tetrachloroethane	131	8.067	8.067	0.000	94	45702	20.0	19.2	
96 Ethylbenzene	106	8.134	8.134	0.000	99	76862	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	93670	20.0	19.9	
99 o-Xylene	106	8.906	8.906	0.000	93	93654	20.0	19.8	
101 Styrene	104	8.937	8.937	0.000	95	159179	20.0	19.6	
102 n-Butyl acrylate	73	8.985	8.985	0.000	98	45621	20.0	20.0	
100 Bromoform	173	9.162	9.162	0.000	96	30682	20.0	18.6	
105 Amyl acetate (mixed isomer	43	9.375	9.375	0.000	91	109295	20.0	20.2	
103 Isopropylbenzene	105	9.515	9.515	0.000	96	227525	20.0	20.7	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	89	156520	50.0	49.9	
107 Bromobenzene	156	9.910	9.910	0.000	97	59054	20.0	18.9	
109 1,1,2,2-Tetrachloroethane	83	10.020	10.020	0.000	98	71741	20.0	20.2	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	98	20326	20.0	20.2	
114 trans-1,4-Dichloro-2-buten	53	10.117	10.117	0.000	88	20755	20.0	19.3	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	278665	20.0	20.9	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	168945	20.0	20.1	
111 4-Ethyltoluene	105	10.385	10.385	0.000	99	228723	20.0	19.1	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	177932	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	10.500	10.500	0.000	93	189629	20.0	19.9	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	71385	20.0	19.0	
116 tert-Butylbenzene	119	11.023	11.023	0.000	93	154007	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	199069	20.0	20.1	
119 sec-Butylbenzene	105	11.370	11.370	0.000	99	226902	20.0	20.7	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	94	111452	20.0	19.1	
* 122 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.000	96	217459	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	95	113793	20.0	18.9	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	97	199318	20.0	20.2	
125 Benzyl chloride	126	11.796	11.796	0.000	98	23661	20.0	18.8	
124 2,3-Dihydroindene	117	11.918	11.918	0.000	93	210728	20.0	18.9	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	95	109946	20.0	19.4	
126 p-Diethylbenzene	119	12.094	12.094	0.000	92	113372	20.0	18.7	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	219152	20.0	20.1	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	94	15149	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	185805	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	13.116	13.116	0.000	97	79210	20.0	17.9	
132 1,2,4-Trichlorobenzene	180	13.670	13.670	0.000	94	75454	20.0	18.6	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	94	25485	20.0	19.2	
135 Naphthalene	128	13.864	13.864	0.000	99	205577	20.0	20.1	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	94	71352	20.0	18.7	
S 137 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 138 Xylenes, Total	100				0		40.0	39.7	
S 139 Total BTEX	1				0		100.0	99.6	

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 16:22:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03986.D

Injection Date: 10-Nov-2015 21:09:30 Instrument ID: CVOAMS12 Operator ID:

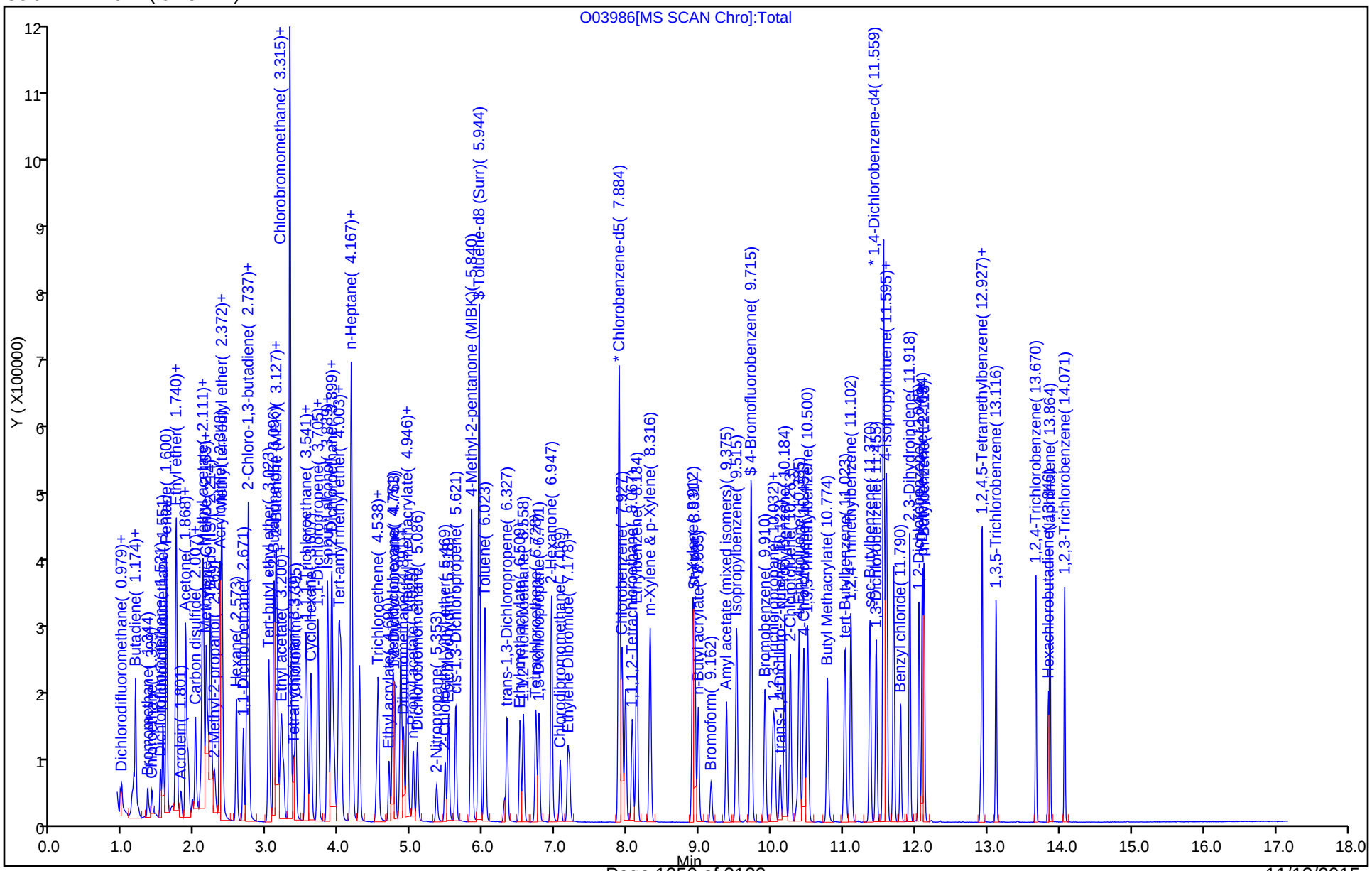
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334629/5

Matrix: Solid | Lab File ID: B89842.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 10:25

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.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1060		50	11
74-83-9	Bromomethane	1030		50	9.0
75-01-4	Vinyl chloride	1030		50	10
75-00-3	Chloroethane	946		50	19
75-09-2	Methylene Chloride	1030		50	11
67-64-1	Acetone	4690		250	54
75-15-0	Carbon disulfide	1020		50	11
75-69-4	Trichlorofluoromethane	908		50	7.5
75-35-4	1,1-Dichloroethene	942		50	17
75-34-3	1,1-Dichloroethane	1060		50	12
156-60-5	trans-1,2-Dichloroethene	1000		50	9.0
156-59-2	cis-1,2-Dichloroethene	948		50	13
67-66-3	Chloroform	963		50	11
78-93-3	2-Butanone	4460		250	110
107-06-2	1,2-Dichloroethane	854		50	13
71-55-6	1,1,1-Trichloroethane	860		50	14
56-23-5	Carbon tetrachloride	912		50	17
71-43-2	Benzene	1010		50	9.5
75-25-2	Bromoform	965		50	9.0
100-42-5	Styrene	952		50	8.5
100-41-4	Ethylbenzene	975		50	15
108-90-7	Chlorobenzene	957		50	12
110-82-7	Cyclohexane	1000		50	13
98-82-8	Isopropylbenzene	978		50	16
591-78-6	2-Hexanone	4900		250	36
1634-04-4	MTBE	958		50	6.5
76-13-1	Freon TF	990		50	17
79-20-9	Methyl acetate	5720		250	29
123-91-1	1,4-Dioxane	33600		1300	440
79-01-6	Trichloroethene	960		50	11
108-88-3	Toluene	1020		50	13
10061-02-6	trans-1,3-Dichloropropene	978		50	9.5
108-10-1	4-Methyl-2-pentanone	4930		250	32
10061-01-5	cis-1,3-Dichloropropene	1020		50	8.0
95-50-1	1,2-Dichlorobenzene	947		50	11
541-73-1	1,3-Dichlorobenzene	940		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334629/5

Matrix: Solid | Lab File ID: B89842.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 10:25

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.: 334629 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	937		50	17
120-82-1	1,2,4-Trichlorobenzene	931		50	14
87-61-6	1,2,3-Trichlorobenzene	894		50	18
78-87-5	1,2-Dichloropropane	1080		50	9.0
108-87-2	Methylcyclohexane	934		50	11
127-18-4	Tetrachloroethene	1010		50	18
1330-20-7	Xylenes, Total	1890		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	964		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1050		50	9.5
79-00-5	1,1,2-Trichloroethane	1040		50	4.0
124-48-1	Dibromochloromethane	926		50	11
106-93-4	1,2-Dibromoethane	883		50	9.5
75-71-8	Dichlorodifluoromethane	884		50	7.0
74-97-5	Bromochloromethane	986		50	15
75-27-4	Bromodichloromethane	923		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		69-145
2037-26-5	Toluene-d8 (Surr)	98		72-136
460-00-4	Bromofluorobenzene	98		64-131
1868-53-7	Dibromofluoromethane (Surr)	98		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89842.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 10:25:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0034104-005
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 19:01:16 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: boykink Date: 11-Nov-2015 19:01:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.060	1.093	-0.033	85	8656	20.0	16.4	
2 Dichlorodifluoromethane	85	1.093	1.101	-0.008	98	67949	20.0	17.7	
3 Chloromethane	50	1.200	1.217	-0.016	99	53506	20.0	21.2	
4 Vinyl chloride	62	1.283	1.299	-0.016	97	61261	20.0	20.6	
5 Butadiene	54	1.283	1.307	-0.024	89	44739	20.0	19.5	
6 Bromomethane	94	1.521	1.537	-0.016	97	51296	20.0	20.7	
7 Chloroethane	64	1.579	1.587	-0.008	99	32164	20.0	18.9	
10 Trichlorofluoromethane	101	1.743	1.751	-0.008	76	89297	20.0	18.2	
9 Dichlorofluoromethane	67	1.760	1.768	-0.008	98	109732	20.0	20.1	
8 Pentane	72	1.776	1.784	-0.008	94	12702	40.0	35.6	
11 Ethyl ether	59	1.949	1.957	-0.008	94	45258	20.0	22.1	
12 Ethanol	46	1.957	1.974	-0.017	39	1197	800.0	426.3	
13 2-Methyl-1,3-butadiene	53	1.966	1.982	-0.016	95	47401	20.0	21.4	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.039	-0.016	82	63295	20.0	22.5	
15 Acrolein	56	2.122	2.130	-0.008	91	17141	40.0	32.9	
16 1,1,2-Trichloro-1,2,2-trif	101	2.138	2.138	0.000	95	53760	20.0	19.8	
17 1,1-Dichloroethene	96	2.130	2.155	-0.025	95	58010	20.0	18.8	
18 Acetone	43	2.237	2.253	-0.016	84	54304	100.0	93.8	
19 Iodomethane	142	2.270	2.286	-0.016	95	132468	20.0	20.2	
20 Carbon disulfide	76	2.295	2.311	-0.016	98	195848	20.0	20.4	
21 Isopropyl alcohol	45	2.361	2.369	-0.008	43	8365	200.0	154.8	
22 3-Chloro-1-propene	76	2.435	2.459	-0.024	45	35508	20.0	20.9	
23 Cyclopentene	67	2.451	2.467	-0.016	84	137019	20.0	20.5	
24 Methyl acetate	43	2.468	2.476	-0.008	99	206083	100.0	114.5	
25 Acetonitrile	41	2.525	2.541	-0.016	60	32053	200.0	152.4	
26 Methylene Chloride	84	2.575	2.583	-0.008	87	69033	20.0	20.7	
* 27 TBA-d9 (IS)	65	2.616	2.624	-0.008	91	195706	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.690	2.690	0.000	91	43166	200.0	214.3	
29 Methyl tert-butyl ether	73	2.731	2.747	-0.016	98	174988	20.0	19.2	
30 trans-1,2-Dichloroethene	96	2.756	2.764	-0.008	90	66802	20.0	20.0	
31 Acrylonitrile	53	2.838	2.854	-0.016	94	184255	200.0	220.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.912	2.920	-0.008	90	21640	20.0	22.4	
34 Isopropyl ether	45	3.151	3.159	-0.008	97	170226	20.0	23.0	
33 1,1-Dichloroethane	63	3.159	3.175	-0.016	98	105060	20.0	21.2	
36 Vinyl acetate	86	3.192	3.208	-0.016	99	16438	40.0	46.1	
35 2-Chloro-1,3-butadiene	88	3.208	3.216	-0.008	78	51779	20.0	18.7	
38 Tert-butyl ethyl ether	59	3.480	3.488	-0.008	89	172836	20.0	19.7	
39 2,2-Dichloropropane	41	3.694	3.685	0.009	65	45226	20.0	20.0	
* 158 2-Butanone-d5	46	3.694	3.702	-0.008	92	206826	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.719	3.727	-0.008	97	68675	20.0	19.0	
41 2-Butanone (MEK)	72	3.743	3.768	-0.025	97	25094	100.0	89.3	
42 Ethyl acetate	70	3.768	3.776	-0.008	92	7528	40.0	35.1	
43 Methyl acrylate	55	3.817	3.825	-0.008	99	38629	20.0	19.8	
44 Propionitrile	54	3.900	3.899	0.001	97	58140	200.0	217.7	
46 Tetrahydrofuran	72	3.957	3.965	-0.008	70	15049	40.0	42.6	
45 Chlorobromomethane	128	3.965	3.973	-0.008	77	38400	20.0	19.7	
47 Methacrylonitrile	67	3.998	4.006	-0.008	90	217146	200.0	206.6	
48 Chloroform	83	4.040	4.056	-0.016	99	103968	20.0	19.3	
49 Cyclohexane	84	4.138	4.163	-0.025	88	60295	20.0	20.0	
50 1,1,1-Trichloroethane	97	4.179	4.179	0.000	96	87414	20.0	17.2	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.220	-0.008	91	127310	50.0	48.8	
52 Carbon tetrachloride	117	4.295	4.303	-0.008	97	75138	20.0	18.2	
53 1,1-Dichloropropene	75	4.336	4.344	-0.008	97	72637	20.0	19.6	
54 Isooctane	57	4.533	4.541	-0.008	93	72256	20.0	20.7	
55 Benzene	78	4.550	4.558	-0.008	97	213571	20.0	20.2	
56 Isobutyl alcohol	43	4.583	4.582	0.001	35	23701	500.0	357.4	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.591	4.599	-0.008	95	123270	50.0	46.2	
58 Tert-amyl methyl ether	73	4.665	4.665	0.000	92	189910	20.0	19.8	
59 Isopropyl acetate	87	4.657	4.673	-0.016	96	53293	20.0	17.6	
60 1,2-Dichloroethane	62	4.673	4.681	-0.008	96	72374	20.0	17.1	
61 n-Heptane	57	4.764	4.780	-0.016	42	12042	20.0	16.7	
* 62 Fluorobenzene	96	4.895	4.903	-0.008	100	514200	50.0	50.0	
64 Trichloroethene	95	5.315	5.323	-0.008	95	55794	20.0	19.2	
65 n-Butanol	56	5.422	5.438	-0.016	53	13068	500.0	836.6	
66 Methylcyclohexane	83	5.439	5.438	0.001	93	45690	20.0	18.7	
67 Ethyl acrylate	55	5.513	5.521	-0.008	97	52085	20.0	19.3	
68 1,2-Dichloropropane	63	5.653	5.652	0.001	94	54043	20.0	21.6	
* 69 1,4-Dioxane-d8	96	5.743	5.751	-0.008	33	19454	1000.0	1000.0	
72 Methyl methacrylate	100	5.809	5.800	0.009	88	29777	40.0	35.1	
70 Dibromomethane	93	5.809	5.817	-0.008	70	35890	20.0	18.0	
71 1,4-Dioxane	88	5.801	5.817	-0.016	28	8306	400.0	672.5	M
73 n-Propyl acetate	43	5.883	5.891	-0.008	98	58422	20.0	21.3	
74 Dichlorobromomethane	83	6.015	6.014	0.001	98	69992	20.0	18.5	
75 2-Nitropropane	41	6.418	6.426	-0.008	96	22686	40.0	37.6	
76 2-Chloroethyl vinyl ether	63	6.459	6.459	0.000	92	29967	20.0	19.3	
77 Epichlorohydrin	57	6.566	6.566	0.000	97	82656	400.0	373.8	
78 cis-1,3-Dichloropropene	75	6.615	6.623	-0.008	89	86522	20.0	20.5	
79 4-Methyl-2-pentanone (MIBK	43	6.838	6.837	0.001	95	233776	100.0	98.6	
$ 80 Toluene-d8 (Surr)	98	6.879	6.879	0.000	99	424869	50.0	48.8	
81 Toluene	91	6.961	6.969	-0.008	92	227774	20.0	20.4	
82 trans-1,3-Dichloropropene	75	7.373	7.372	0.001	95	74205	20.0	19.6	
83 Ethyl methacrylate	69	7.422	7.430	-0.008	89	63763	20.0	20.3	
84 1,1,2-Trichloroethane	83	7.562	7.570	-0.008	93	42825	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.570	7.578	-0.008	93	61133	20.0	20.1	
86 1,3-Dichloropropane	76	7.751	7.751	0.000	91	79839	20.0	19.2	
87 2-Hexanone	43	7.833	7.833	0.000	94	134026	100.0	98.1	
88 Chlorodibromomethane	129	7.949	7.948	0.001	98	60262	20.0	18.5	
89 n-Butyl acetate	73	7.957	7.957	0.000	95	11706	20.0	23.5	
90 Ethylene Dibromide	107	8.064	8.064	0.000	99	51154	20.0	17.7	
* 91 Chlorobenzene-d5	117	8.508	8.508	0.000	84	443223	50.0	50.0	
92 Chlorobenzene	112	8.533	8.533	0.000	97	160005	20.0	19.1	
93 Ethylbenzene	106	8.623	8.623	0.000	97	80916	20.0	19.5	
94 1,1,1,2-Tetrachloroethane	131	8.640	8.640	0.000	94	60834	20.0	18.1	
95 m-Xylene & p-Xylene	106	8.739	8.747	-0.008	95	96311	20.0	18.4	
96 o-Xylene	106	9.117	9.117	0.000	96	104084	20.0	19.4	
97 n-Butyl acrylate	73	9.125	9.125	0.000	99	45921	20.0	20.8	
98 Styrene	104	9.142	9.150	-0.008	97	170442	20.0	19.0	
100 Amyl acetate (mixed isomer	43	9.331	9.331	0.000	92	101891	20.0	25.4	
99 Bromoform	173	9.331	9.339	-0.008	65	44499	20.0	19.3	
101 Isopropylbenzene	105	9.438	9.438	0.000	94	213652	20.0	19.6	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	96	184687	50.0	48.8	
104 Bromobenzene	156	9.734	9.734	0.000	87	77415	20.0	18.7	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.800	-0.008	99	73011	20.0	21.0	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	223156	20.0	20.0	
107 1,2,3-Trichloropropane	110	9.825	9.825	0.000	95	21800	20.0	18.7	
108 trans-1,4-Dichloro-2-buten	53	9.850	9.849	0.001	77	17503	20.0	21.0	
109 2-Chlorotoluene	91	9.891	9.891	0.000	97	177596	20.0	20.0	
110 4-Ethyltoluene	105	9.899	9.899	0.000	98	203021	20.0	19.0	
111 1,3,5-Trimethylbenzene	105	9.957	9.965	-0.008	93	167306	20.0	18.6	
112 4-Chlorotoluene	91	9.998	9.998	0.000	96	164505	20.0	19.9	
113 Butyl Methacrylate	87	10.055	10.055	0.000	87	82205	20.0	20.6	
114 tert-Butylbenzene	119	10.220	10.220	0.000	96	123436	20.0	17.9	
115 1,2,4-Trimethylbenzene	105	10.269	10.269	0.000	96	180424	20.0	18.5	
116 sec-Butylbenzene	105	10.401	10.401	0.000	99	177998	20.0	19.8	
118 4-Isopropyltoluene	119	10.516	10.516	0.000	97	155837	20.0	18.8	
117 1,3-Dichlorobenzene	146	10.525	10.524	0.001	97	121608	20.0	18.8	
* 119 1,4-Dichlorobenzene-d4	152	10.582	10.590	-0.008	92	275146	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.607	10.607	0.000	97	127629	20.0	18.7	
121 Benzyl chloride	91	10.730	10.730	0.000	100	139910	20.0	20.2	
122 2,3-Dihydroindene	117	10.780	10.779	0.001	94	222071	20.0	18.6	
123 p-Diethylbenzene	119	10.829	10.829	0.000	94	91579	20.0	18.2	
124 n-Butylbenzene	91	10.846	10.845	0.001	96	157368	20.0	20.5	
125 1,2-Dichlorobenzene	146	10.903	10.903	0.000	99	129411	20.0	18.9	
126 1,2,4,5-Tetramethylbenzene	119	11.438	11.438	0.000	98	163153	20.0	18.0	
127 1,2-Dibromo-3-Chloropropan	75	11.537	11.537	0.000	92	12419	20.0	19.3	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	95	84811	20.0	19.4	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	93	77239	20.0	18.6	
131 Hexachlorobutadiene	225	12.212	12.211	0.001	97	37842	20.0	23.2	
132 Naphthalene	128	12.327	12.335	-0.008	99	195870	20.0	17.5	
133 1,2,3-Trichlorobenzene	180	12.533	12.532	0.001	95	68315	20.0	17.9	
S 134 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 135 Xylenes, Total	100				0		40.0	37.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

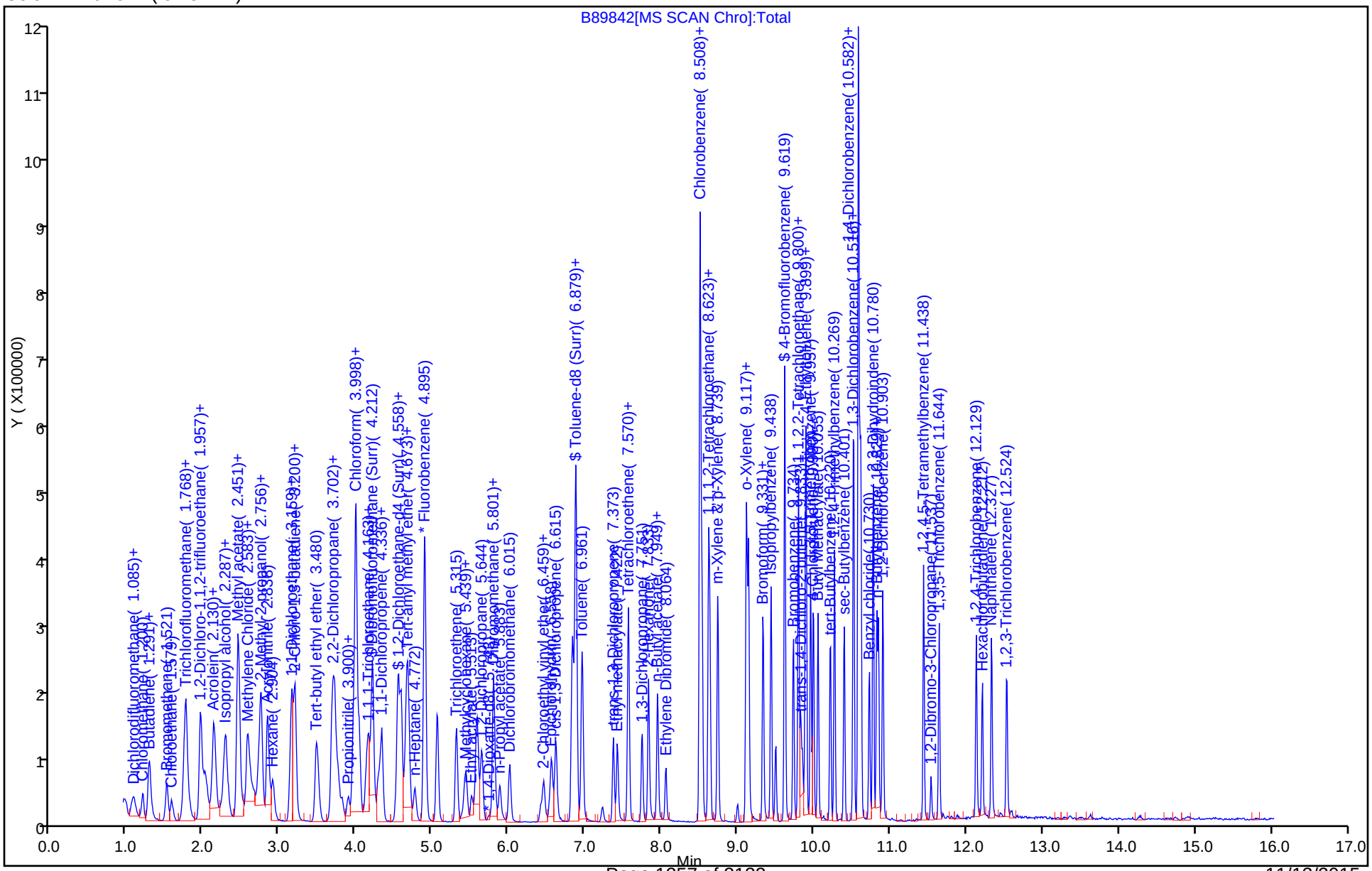
Report Date: 11-Nov-2015 19:01:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89842.D

Injection Date:	11-Nov-2015 10:25:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	4
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

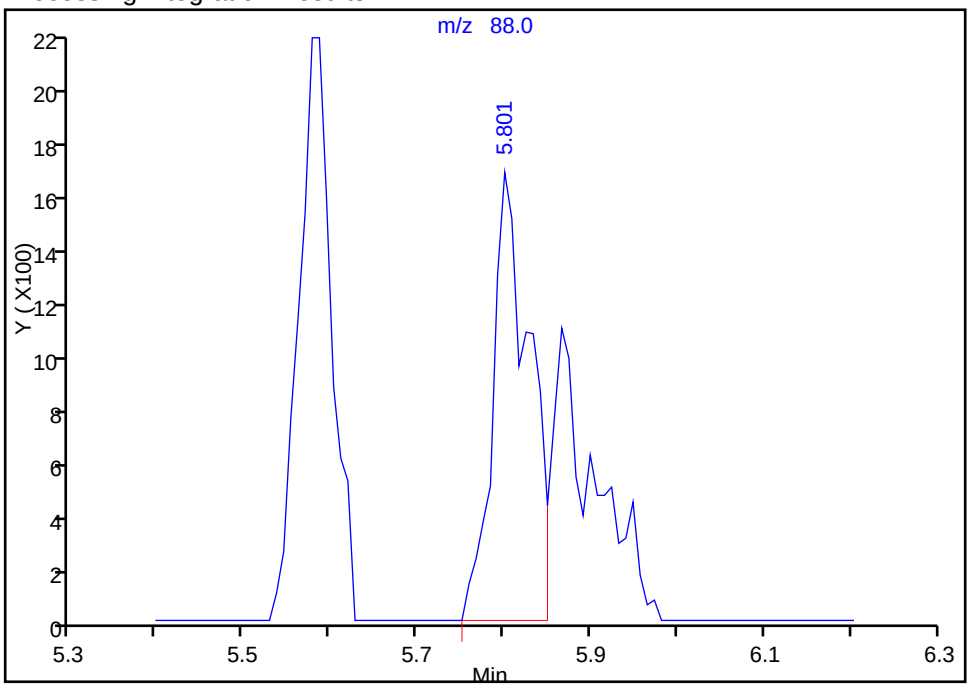
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34104.b\B89842.D
Injection Date: 11-Nov-2015 10:25:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

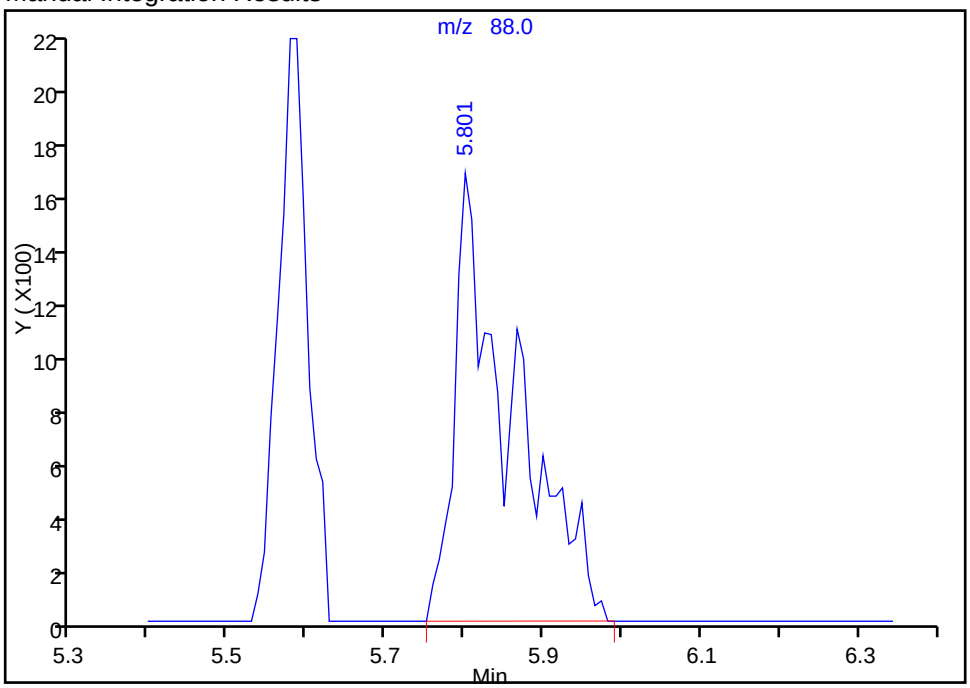
Processing Integration Results

RT: 5.80
Area: 4863
Amount: 392.3884
Amount Units: ug/l



Manual Integration Results

RT: 5.80
Area: 8306
Amount: 672.4523
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 15:16:27
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334781/3

Matrix: Solid | Lab File ID: B89870.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 22:22

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.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1030		50	11
74-83-9	Bromomethane	1000		50	9.0
75-01-4	Vinyl chloride	952		50	10
75-00-3	Chloroethane	956		50	19
75-09-2	Methylene Chloride	983		50	11
67-64-1	Acetone	4800		250	54
75-15-0	Carbon disulfide	945		50	11
75-69-4	Trichlorofluoromethane	841		50	7.5
75-35-4	1,1-Dichloroethene	911		50	17
75-34-3	1,1-Dichloroethane	964		50	12
156-60-5	trans-1,2-Dichloroethene	886		50	9.0
156-59-2	cis-1,2-Dichloroethene	937		50	13
67-66-3	Chloroform	932		50	11
78-93-3	2-Butanone	3930		250	110
107-06-2	1,2-Dichloroethane	835		50	13
71-55-6	1,1,1-Trichloroethane	821		50	14
56-23-5	Carbon tetrachloride	842		50	17
71-43-2	Benzene	967		50	9.5
75-25-2	Bromoform	898		50	9.0
100-42-5	Styrene	869		50	8.5
100-41-4	Ethylbenzene	865		50	15
108-90-7	Chlorobenzene	899		50	12
110-82-7	Cyclohexane	857		50	13
98-82-8	Isopropylbenzene	882		50	16
591-78-6	2-Hexanone	4720		250	36
1634-04-4	MTBE	921		50	6.5
76-13-1	Freon TF	873		50	17
79-20-9	Methyl acetate	5520		250	29
123-91-1	1,4-Dioxane	33900		1300	440
79-01-6	Trichloroethene	957		50	11
108-88-3	Toluene	950		50	13
10061-02-6	trans-1,3-Dichloropropene	977		50	9.5
108-10-1	4-Methyl-2-pentanone	4550		250	32
10061-01-5	cis-1,3-Dichloropropene	984		50	8.0
95-50-1	1,2-Dichlorobenzene	860		50	11
541-73-1	1,3-Dichlorobenzene	857		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334781/3

Matrix: Solid | Lab File ID: B89870.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/11/2015 22:22

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.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	868		50	17
120-82-1	1,2,4-Trichlorobenzene	897		50	14
87-61-6	1,2,3-Trichlorobenzene	820		50	18
78-87-5	1,2-Dichloropropane	1010		50	9.0
108-87-2	Methylcyclohexane	913		50	11
127-18-4	Tetrachloroethene	940		50	18
1330-20-7	Xylenes, Total	1760		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	776		50	12
79-34-5	1,1,2,2-Tetrachloroethane	922		50	9.5
79-00-5	1,1,2-Trichloroethane	1010		50	4.0
124-48-1	Dibromochloromethane	913		50	11
106-93-4	1,2-Dibromoethane	922		50	9.5
75-71-8	Dichlorodifluoromethane	839		50	7.0
74-97-5	Bromochloromethane	978		50	15
75-27-4	Bromodichloromethane	902		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		69-145
2037-26-5	Toluene-d8 (Surr)	98		72-136
460-00-4	Bromofluorobenzene	98		64-131
1868-53-7	Dibromofluoromethane (Surr)	102		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89870.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 22:22:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0034133-003
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 12-Nov-2015 09:51:06 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: baronm Date: 12-Nov-2015 09:47:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.068	1.077	-0.009	80	8281	20.0	16.1	
2 Dichlorodifluoromethane	85	1.093	1.093	0.000	97	62942	20.0	16.8	
3 Chloromethane	50	1.217	1.209	0.007	98	50884	20.0	20.6	
4 Vinyl chloride	62	1.299	1.291	0.008	96	55385	20.0	19.0	
5 Butadiene	54	1.299	1.299	0.000	81	34832	20.0	15.6	
6 Bromomethane	94	1.529	1.529	0.000	98	48483	20.0	20.0	
7 Chloroethane	64	1.587	1.595	-0.008	98	31756	20.0	19.1	
10 Trichlorofluoromethane	101	1.751	1.752	-0.001	78	80794	20.0	16.8	
9 Dichlorofluoromethane	67	1.768	1.768	0.000	98	106143	20.0	19.9	
8 Pentane	72	1.784	1.785	-0.001	97	10488	40.0	30.1	
11 Ethyl ether	59	1.965	1.957	0.008	97	45393	20.0	22.7	
12 Ethanol	46	1.990	1.966	0.024	66	6680	800.0	2488.0	M
13 2-Methyl-1,3-butadiene	53	1.974	1.974	0.000	94	44347	20.0	20.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.023	2.023	0.000	88	55372	20.0	20.2	
15 Acrolein	56	2.122	2.122	0.000	35	16673	40.0	33.4	
17 1,1-Dichloroethene	96	2.146	2.138	0.008	95	54787	20.0	18.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.130	2.147	-0.017	45	46326	20.0	17.5	
18 Acetone	43	2.237	2.229	0.008	87	55875	100.0	96.1	
19 Iodomethane	142	2.278	2.270	0.008	98	122415	20.0	19.1	
20 Carbon disulfide	76	2.303	2.303	0.000	99	176790	20.0	18.9	
21 Isopropyl alcohol	45	2.369	2.385	-0.016	52	9196	200.0	177.7	
22 3-Chloro-1-propene	76	2.443	2.443	0.000	44	38123	20.0	23.0	
23 Cyclopentene	67	2.459	2.459	0.000	79	126609	20.0	19.4	
24 Methyl acetate	43	2.467	2.468	-0.001	99	194037	100.0	110.4	
25 Acetonitrile	41	2.533	2.517	0.016	95	55526	200.0	270.3	
26 Methylene Chloride	84	2.583	2.583	0.000	88	64150	20.0	19.7	
* 27 TBA-d9 (IS)	65	2.616	2.608	0.008	94	187124	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.673	2.665	0.008	91	44568	200.0	231.4	
29 Methyl tert-butyl ether	73	2.739	2.739	0.000	95	164215	20.0	18.4	
30 trans-1,2-Dichloroethene	96	2.764	2.756	0.008	91	57746	20.0	17.7	
31 Acrylonitrile	53	2.846	2.838	0.008	95	172102	200.0	210.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.920	2.920	0.000	93	18738	20.0	19.8	
34 Isopropyl ether	45	3.150	3.151	-0.001	97	161485	20.0	22.4	
33 1,1-Dichloroethane	63	3.167	3.159	0.008	98	93143	20.0	19.3	
36 Vinyl acetate	86	3.200	3.200	0.000	99	17066	40.0	49.1	
35 2-Chloro-1,3-butadiene	88	3.208	3.200	0.008	80	52165	20.0	19.3	
38 Tert-butyl ethyl ether	59	3.488	3.480	0.008	88	168580	20.0	19.7	
39 2,2-Dichloropropane	41	3.685	3.677	0.008	63	40636	20.0	18.4	
* 158 2-Butanone-d5	46	3.685	3.686	-0.001	94	207741	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.718	3.719	-0.001	95	66321	20.0	18.7	
41 2-Butanone (MEK)	72	3.751	3.743	0.008	96	22173	100.0	78.5	
42 Ethyl acetate	70	3.768	3.768	0.000	91	7309	40.0	34.0	
43 Methyl acrylate	55	3.817	3.817	0.000	65	36211	20.0	19.0	
44 Propionitrile	54	3.891	3.891	0.000	97	57369	200.0	224.7	
46 Tetrahydrofuran	72	3.957	3.949	0.008	74	12600	40.0	35.5	
45 Chlorobromomethane	128	3.965	3.957	0.008	78	37222	20.0	19.6	
47 Methacrylonitrile	67	3.990	3.990	0.000	90	206269	200.0	201.0	
48 Chloroform	83	4.039	4.040	-0.001	98	98360	20.0	18.6	
49 Cyclohexane	84	4.138	4.138	0.000	88	50345	20.0	17.1	
50 1,1,1-Trichloroethane	97	4.171	4.171	0.000	97	81521	20.0	16.4	
$ 51 Dibromofluoromethane (Surr	113	4.212	4.212	0.000	91	130571	50.0	51.2	
52 Carbon tetrachloride	117	4.294	4.295	-0.001	95	67700	20.0	16.8	
53 1,1-Dichloropropene	75	4.336	4.336	0.000	97	68385	20.0	18.9	
54 Isooctane	57	4.533	4.525	0.008	93	55330	20.0	16.2	
55 Benzene	78	4.550	4.550	0.000	94	209339	20.0	19.3	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.591	4.583	0.008	92	125401	50.0	48.2	
56 Isobutyl alcohol	43	4.582	4.583	-0.001	1	27264	500.0	429.9	
58 Tert-amyl methyl ether	73	4.657	4.665	-0.008	92	177628	20.0	19.0	
59 Isopropyl acetate	87	4.657	4.673	-0.016	97	51291	20.0	17.3	
60 1,2-Dichloroethane	62	4.673	4.673	0.000	96	69107	20.0	16.7	
61 n-Heptane	57	4.772	4.764	0.008	89	12368	20.0	17.5	
* 62 Fluorobenzene	96	4.895	4.895	0.000	99	502258	50.0	50.0	
64 Trichloroethene	95	5.307	5.307	0.000	95	54323	20.0	19.1	
65 n-Butanol	56	5.430	5.422	0.008	40	14750	500.0	978.5	
66 Methylcyclohexane	83	5.430	5.430	0.000	92	43594	20.0	18.3	
67 Ethyl acrylate	55	5.512	5.513	-0.001	97	51359	20.0	19.5	
68 1,2-Dichloropropane	63	5.644	5.636	0.008	90	49322	20.0	20.2	
* 69 1,4-Dioxane-d8	96	5.743	5.743	0.000	66	19683	1000.0	1000.0	
72 Methyl methacrylate	100	5.792	5.792	0.000	87	29052	40.0	35.0	
70 Dibromomethane	93	5.800	5.801	-0.001	67	36614	20.0	18.8	
71 1,4-Dioxane	88	5.817	5.801	0.016	29	8469	400.0	677.7	
73 n-Propyl acetate	43	5.883	5.883	0.000	98	56439	20.0	21.0	
74 Dichlorobromomethane	83	6.006	6.006	0.000	98	66805	20.0	18.0	
75 2-Nitropropane	41	6.409	6.410	-0.001	97	21828	40.0	37.0	
76 2-Chloroethyl vinyl ether	63	6.459	6.459	0.000	91	30892	20.0	20.3	
77 Epichlorohydrin	57	6.558	6.558	0.000	96	86233	400.0	388.3	
78 cis-1,3-Dichloropropene	75	6.615	6.615	0.000	88	85093	20.0	19.7	
79 4-Methyl-2-pentanone (MIBK	43	6.829	6.829	0.000	95	216800	100.0	91.1	
$ 80 Toluene-d8 (Surr)	98	6.879	6.871	0.008	98	435197	50.0	48.9	
81 Toluene	91	6.961	6.953	0.008	93	217259	20.0	19.0	
82 trans-1,3-Dichloropropene	75	7.372	7.364	0.008	95	75843	20.0	19.5	
83 Ethyl methacrylate	69	7.422	7.422	0.000	87	65205	20.0	20.3	
84 1,1,2-Trichloroethane	83	7.562	7.562	0.000	90	42538	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.570	7.562	0.008	93	58436	20.0	18.8	
86 1,3-Dichloropropane	76	7.743	7.743	0.000	92	83993	20.0	19.7	
87 2-Hexanone	43	7.833	7.825	0.008	94	129598	100.0	94.4	
88 Chlorodibromomethane	129	7.948	7.940	0.008	97	60807	20.0	18.3	
89 n-Butyl acetate	73	7.948	7.949	-0.001	90	12018	20.0	23.6	
90 Ethylene Dibromide	107	8.055	8.056	-0.001	100	54600	20.0	18.4	
* 91 Chlorobenzene-d5	117	8.508	8.500	0.008	84	453507	50.0	50.0	
92 Chlorobenzene	112	8.533	8.533	0.000	97	153818	20.0	18.0	
93 Ethylbenzene	106	8.615	8.615	0.000	98	73446	20.0	17.3	
94 1,1,1,2-Tetrachloroethane	131	8.631	8.632	-0.001	94	58688	20.0	17.1	
95 m-Xylene & p-Xylene	106	8.738	8.739	-0.001	95	92842	20.0	17.4	
96 o-Xylene	106	9.109	9.109	0.000	94	98669	20.0	17.9	
97 n-Butyl acrylate	73	9.125	9.126	-0.001	98	41540	20.0	18.4	
98 Styrene	104	9.142	9.142	0.000	95	159229	20.0	17.4	
100 Amyl acetate (mixed isomer	43	9.331	9.331	0.000	92	89221	20.0	21.3	
99 Bromoform	173	9.331	9.331	0.000	66	42357	20.0	18.0	
101 Isopropylbenzene	105	9.438	9.438	0.000	95	197218	20.0	17.6	
$ 102 4-Bromofluorobenzene	174	9.619	9.619	0.000	97	189706	50.0	49.0	
104 Bromobenzene	156	9.726	9.726	0.000	92	74071	20.0	17.1	
105 1,1,2,2-Tetrachloroethane	83	9.792	9.792	0.000	97	67005	20.0	18.4	
106 N-Propylbenzene	91	9.800	9.800	0.000	100	213714	20.0	18.3	
107 1,2,3-Trichloropropane	110	9.825	9.825	0.000	94	20732	20.0	17.0	
108 trans-1,4-Dichloro-2-buten	53	9.849	9.850	-0.001	79	16758	20.0	19.2	
109 2-Chlorotoluene	91	9.891	9.891	0.000	97	164096	20.0	17.7	
110 4-Ethyltoluene	105	9.899	9.899	0.000	98	193777	20.0	17.3	
111 1,3,5-Trimethylbenzene	105	9.956	9.957	-0.001	94	156467	20.0	16.6	
112 4-Chlorotoluene	91	9.989	9.990	-0.001	95	155723	20.0	18.0	
113 Butyl Methacrylate	87	10.055	10.055	0.000	87	75899	20.0	18.2	
114 tert-Butylbenzene	119	10.212	10.212	0.000	96	118909	20.0	16.5	
115 1,2,4-Trimethylbenzene	105	10.269	10.269	0.000	96	169169	20.0	16.6	
116 sec-Butylbenzene	105	10.393	10.393	0.000	99	163450	20.0	17.4	
118 4-Isopropyltoluene	119	10.516	10.516	0.000	98	149732	20.0	17.3	
117 1,3-Dichlorobenzene	146	10.516	10.516	0.000	98	115765	20.0	17.1	
* 119 1,4-Dichlorobenzene-d4	152	10.582	10.582	0.000	92	287562	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.598	10.599	-0.001	97	123613	20.0	17.4	
121 Benzyl chloride	91	10.722	10.722	0.000	99	134848	20.0	18.6	
122 2,3-Dihydroindene	117	10.771	10.771	0.000	94	213486	20.0	17.1	
123 p-Diethylbenzene	119	10.821	10.821	0.000	95	89750	20.0	17.1	
124 n-Butylbenzene	91	10.845	10.846	-0.001	98	145824	20.0	18.2	
125 1,2-Dichlorobenzene	146	10.903	10.903	0.000	99	122849	20.0	17.2	
126 1,2,4,5-Tetramethylbenzene	119	11.438	11.438	0.000	98	151413	20.0	15.9	
127 1,2-Dibromo-3-Chloropropan	75	11.528	11.537	-0.009	88	10442	20.0	15.5	
128 1,3,5-Trichlorobenzene	180	11.644	11.644	0.000	95	76231	20.0	16.7	
130 1,2,4-Trichlorobenzene	180	12.129	12.129	0.000	92	77795	20.0	17.9	
131 Hexachlorobutadiene	225	12.203	12.203	0.000	97	34475	20.0	20.2	
132 Naphthalene	128	12.327	12.327	0.000	99	178069	20.0	15.3	
133 1,2,3-Trichlorobenzene	180	12.524	12.524	0.000	95	65513	20.0	16.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	36.5	
S 135 Xylenes, Total	100				0		40.0	35.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added: 1.00	Units: uL	
GASES Li_00126	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00029	Amount Added: 20.00	Units: uL	
ACROLEIN W_00044	Amount Added: 4.00	Units: uL	
8260ISNEW_00030	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 12-Nov-2015 09:51:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151111-34133.b\B89870.D

Injection Date: 11-Nov-2015 22:22:30 Instrument ID: CVOAMS2 Operator ID:

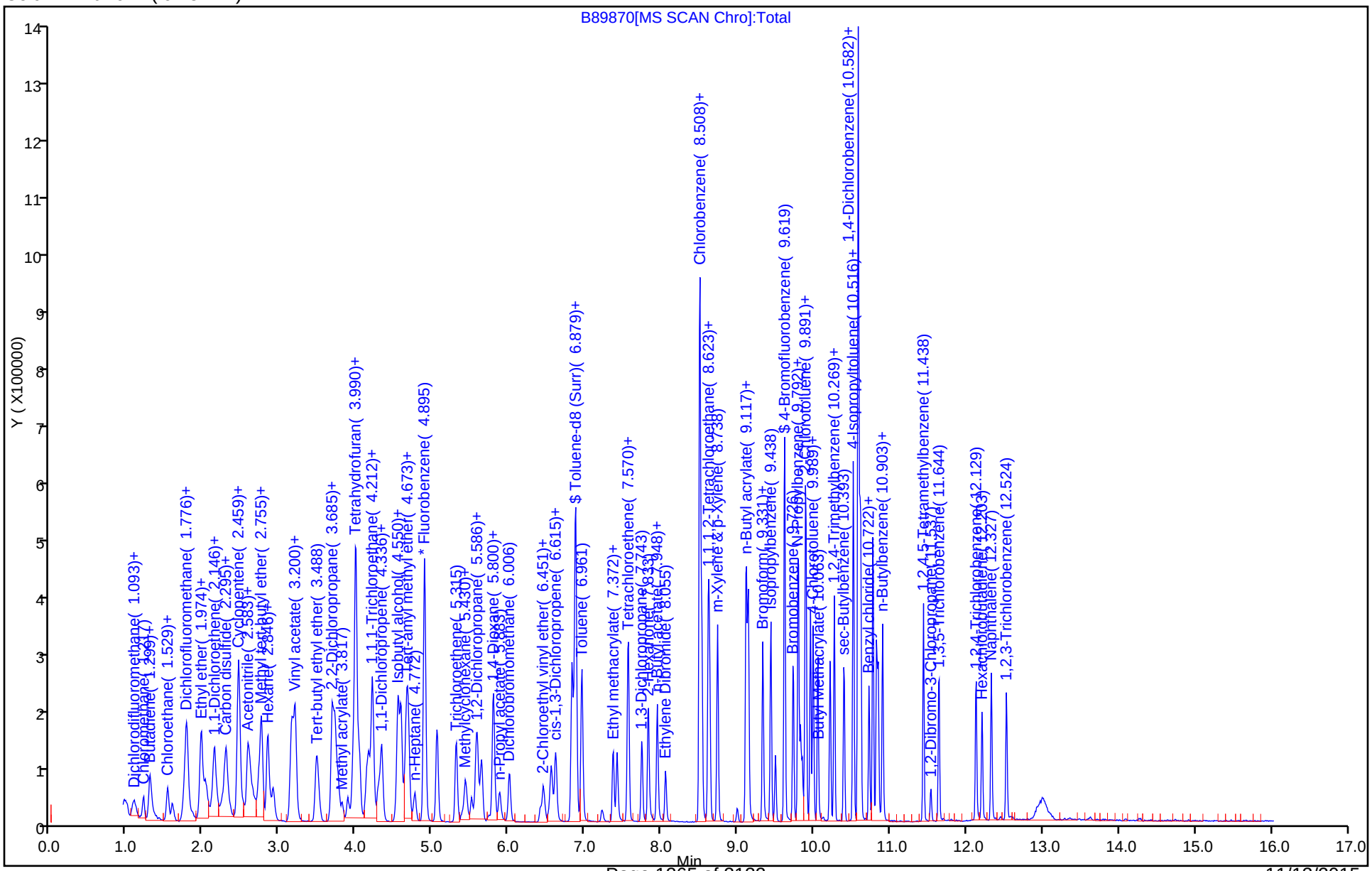
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 50.0000 ALS Bottle#: 2

Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333935/4

Matrix: Solid | Lab File ID: B89702.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 08:34

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	951		50	11
74-83-9	Bromomethane	1020		50	9.0
75-01-4	Vinyl chloride	1010		50	10
75-00-3	Chloroethane	946		50	19
75-09-2	Methylene Chloride	1010		50	11
67-64-1	Acetone	4320		250	54
75-15-0	Carbon disulfide	1040		50	11
75-69-4	Trichlorofluoromethane	956		50	7.5
75-35-4	1,1-Dichloroethene	972		50	17
75-34-3	1,1-Dichloroethane	1050		50	12
156-60-5	trans-1,2-Dichloroethene	976		50	9.0
156-59-2	cis-1,2-Dichloroethene	950		50	13
67-66-3	Chloroform	940		50	11
78-93-3	2-Butanone	4390		250	110
107-06-2	1,2-Dichloroethane	841		50	13
71-55-6	1,1,1-Trichloroethane	868		50	14
56-23-5	Carbon tetrachloride	940		50	17
71-43-2	Benzene	1080		50	9.5
75-25-2	Bromoform	939		50	9.0
100-42-5	Styrene	957		50	8.5
100-41-4	Ethylbenzene	950		50	15
108-90-7	Chlorobenzene	975		50	12
110-82-7	Cyclohexane	1080		50	13
98-82-8	Isopropylbenzene	1010		50	16
591-78-6	2-Hexanone	5070		250	36
1634-04-4	MTBE	958		50	6.5
76-13-1	Freon TF	1090		50	17
79-20-9	Methyl acetate	5220		250	29
123-91-1	1,4-Dioxane	29600		1300	440
79-01-6	Trichloroethene	924		50	11
108-88-3	Toluene	1040		50	13
10061-02-6	trans-1,3-Dichloropropene	1060		50	9.5
108-10-1	4-Methyl-2-pentanone	5100		250	32
10061-01-5	cis-1,3-Dichloropropene	1030		50	8.0
95-50-1	1,2-Dichlorobenzene	991		50	11
541-73-1	1,3-Dichlorobenzene	1010		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333935/4

Matrix: Solid | Lab File ID: B89702.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/08/2015 08:34

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.: 333935 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	989		50	17
120-82-1	1,2,4-Trichlorobenzene	997		50	14
87-61-6	1,2,3-Trichlorobenzene	1020		50	18
78-87-5	1,2-Dichloropropane	1030		50	9.0
108-87-2	Methylcyclohexane	1040		50	11
127-18-4	Tetrachloroethene	1040		50	18
1330-20-7	Xylenes, Total	1890		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	935		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1040		50	9.5
79-00-5	1,1,2-Trichloroethane	1050		50	4.0
124-48-1	Dibromochloromethane	934		50	11
106-93-4	1,2-Dibromoethane	948		50	9.5
75-71-8	Dichlorodifluoromethane	946		50	7.0
74-97-5	Bromochloromethane	959		50	15
75-27-4	Bromodichloromethane	906		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		69-145
2037-26-5	Toluene-d8 (Surr)	103		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	100		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89702.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Nov-2015 08:34:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCSD
Misc. Info.: 460-0033958-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:30:47 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: tupayachia Date: 09-Nov-2015 12:26:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.069	1.085	-0.016	85	8386	20.0	19.4	
2 Dichlorodifluoromethane	85	1.085	1.101	-0.016	98	59523	20.0	18.9	
3 Chloromethane	50	1.192	1.208	-0.016	98	39382	20.0	19.0	
5 Butadiene	54	1.274	1.291	-0.017	90	38866	20.0	20.7	
4 Vinyl chloride	62	1.283	1.291	-0.008	97	49264	20.0	20.2	
6 Bromomethane	94	1.513	1.521	-0.008	99	41408	20.0	20.4	
7 Chloroethane	64	1.571	1.587	-0.016	98	26352	20.0	18.9	
10 Trichlorofluoromethane	101	1.743	1.760	-0.017	61	77010	20.0	19.1	
9 Dichlorofluoromethane	67	1.752	1.760	-0.008	98	95905	20.0	21.4	
8 Pentane	72	1.768	1.768	0.000	94	11806	40.0	40.4	M
12 Ethanol	46	1.949	1.949	0.000	50	2365	800.0	1171.6	
11 Ethyl ether	59	1.941	1.949	-0.008	84	37010	20.0	22.0	
13 2-Methyl-1,3-butadiene	53	1.949	1.965	-0.016	96	39132	20.0	21.6	
14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.023	-0.008	88	50839	20.0	22.1	
15 Acrolein	56	2.106	2.122	-0.016	49	18808	40.0	50.2	
16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.130	-0.008	57	48378	20.0	21.8	
17 1,1-Dichloroethene	96	2.122	2.130	-0.008	97	48999	20.0	19.4	
18 Acetone	43	2.212	2.237	-0.025	86	36994	100.0	86.3	
19 Iodomethane	142	2.262	2.278	-0.016	95	113311	20.0	21.1	
20 Carbon disulfide	76	2.278	2.295	-0.017	98	163330	20.0	20.8	
21 Isopropyl alcohol	45	2.344	2.360	-0.016	51	6352	200.0	163.4	
22 3-Chloro-1-propene	76	2.426	2.443	-0.017	46	29188	20.0	21.0	
23 Cyclopentene	67	2.435	2.451	-0.016	89	113612	20.0	20.7	
24 Methyl acetate	43	2.451	2.459	-0.008	98	153883	100.0	104.4	
25 Acetonitrile	41	2.517	2.517	0.000	56	38007	200.0	220.7	
26 Methylene Chloride	84	2.558	2.566	-0.008	85	55525	20.0	20.3	
* 27 TBA-d9 (IS)	65	2.591	2.599	-0.008	93	140686	1000.0	1000.0	
28 2-Methyl-2-propanol	59	2.665	2.665	0.000	91	22572	200.0	155.9	
29 Methyl tert-butyl ether	73	2.723	2.723	0.000	97	143274	20.0	19.2	
30 trans-1,2-Dichloroethene	96	2.739	2.756	-0.017	89	53325	20.0	19.5	
31 Acrylonitrile	53	2.821	2.830	-0.009	94	142598	200.0	208.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.896	2.904	-0.008	92	18666	20.0	23.6	
34 Isopropyl ether	45	3.126	3.134	-0.008	94	138801	20.0	22.9	
33 1,1-Dichloroethane	63	3.142	3.151	-0.009	99	85083	20.0	21.0	
36 Vinyl acetate	86	3.175	3.183	-0.008	100	13676	40.0	46.9	
35 2-Chloro-1,3-butadiene	88	3.184	3.192	-0.008	74	44083	20.0	19.5	
38 Tert-butyl ethyl ether	59	3.463	3.472	-0.009	88	143683	20.0	20.0	
39 2,2-Dichloropropane	41	3.669	3.661	0.008	70	40220	20.0	21.7	
* 158 2-Butanone-d5	46	3.669	3.677	-0.008	91	153066	250.0	250.0	
40 cis-1,2-Dichloroethene	96	3.702	3.710	-0.008	95	56353	20.0	19.0	
41 2-Butanone (MEK)	72	3.727	3.743	-0.016	97	18261	100.0	87.8	
42 Ethyl acetate	70	3.751	3.751	0.000	92	5726	40.0	36.1	
43 Methyl acrylate	55	3.801	3.809	-0.008	98	31789	20.0	19.9	
44 Propionitrile	54	3.875	3.883	-0.008	98	44272	200.0	230.6	
46 Tetrahydrofuran	72	3.933	3.941	-0.009	65	9260	40.0	35.4	
45 Chlorobromomethane	128	3.949	3.949	0.000	76	30578	20.0	19.2	
47 Methacrylonitrile	67	3.974	3.982	-0.008	90	167803	200.0	195.0	
48 Chloroform	83	4.023	4.023	0.000	99	83104	20.0	18.8	
49 Cyclohexane	84	4.122	4.122	0.000	86	53006	20.0	21.5	
50 1,1,1-Trichloroethane	97	4.146	4.163	-0.017	98	72311	20.0	17.4	
$ 51 Dibromofluoromethane (Surr	113	4.196	4.196	0.000	93	106882	50.0	50.0	
52 Carbon tetrachloride	117	4.278	4.286	-0.008	95	63374	20.0	18.8	
53 1,1-Dichloropropene	75	4.319	4.319	0.000	97	58429	20.0	19.3	
54 Isooctane	57	4.509	4.517	-0.008	90	67678	20.0	23.7	
55 Benzene	78	4.525	4.533	-0.008	94	185243	20.0	21.5	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.574	-0.008	96	103380	50.0	47.4	
56 Isobutyl alcohol	43	4.558	4.574	-0.016	1	17843	500.0	374.2	
58 Tert-amyl methyl ether	73	4.640	4.640	0.000	92	152754	20.0	19.5	
59 Isopropyl acetate	87	4.648	4.648	0.000	99	44176	20.0	17.8	
60 1,2-Dichloroethane	62	4.657	4.657	0.000	96	58330	20.0	16.8	
61 n-Heptane	57	4.747	4.755	-0.008	86	13019	20.0	22.0	
* 62 Fluorobenzene	96	4.879	4.879	0.000	100	421082	50.0	50.0	
64 Trichloroethene	95	5.290	5.290	0.000	94	43991	20.0	18.5	
65 n-Butanol	56	5.397	5.373	0.024	33	11055	500.0	975.6	
66 Methylcyclohexane	83	5.414	5.414	0.000	94	41627	20.0	20.8	
67 Ethyl acrylate	55	5.496	5.504	-0.008	96	39465	20.0	17.9	
68 1,2-Dichloropropane	63	5.620	5.628	-0.008	91	42330	20.0	20.7	
* 69 1,4-Dioxane-d8	96	5.727	5.718	0.009	82	19059	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.776	0.000	91	22295	40.0	32.1	
70 Dibromomethane	93	5.784	5.784	0.000	76	29349	20.0	18.0	
71 1,4-Dioxane	88	5.784	5.801	-0.016	35	7170	400.0	591.9	M
73 n-Propyl acetate	43	5.866	5.866	0.000	98	44827	20.0	19.9	
74 Dichlorobromomethane	83	5.990	5.990	0.000	98	56241	20.0	18.1	
75 2-Nitropropane	41	6.401	6.401	0.000	97	17909	40.0	36.2	
76 2-Chloroethyl vinyl ether	63	6.434	6.434	0.000	96	25500	20.0	20.0	
77 Epichlorohydrin	57	6.541	6.549	-0.008	97	64414	400.0	393.7	
78 cis-1,3-Dichloropropene	75	6.599	6.599	0.000	90	70841	20.0	20.6	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.813	0.000	94	178941	100.0	102.0	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	98	365079	50.0	51.6	
81 Toluene	91	6.936	6.944	-0.008	92	188298	20.0	20.7	
82 trans-1,3-Dichloropropene	75	7.348	7.356	-0.008	96	65330	20.0	21.2	
83 Ethyl methacrylate	69	7.405	7.405	0.000	88	52204	20.0	20.5	
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	93	34907	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.554	7.553	0.001	92	51561	20.0	20.9	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	93	66626	20.0	19.7	
87 2-Hexanone	43	7.817	7.817	0.000	93	102573	100.0	101.4	
88 Chlorodibromomethane	129	7.932	7.932	0.000	97	49431	20.0	18.7	
89 n-Butyl acetate	73	7.932	7.932	0.000	98	8254	20.0	20.4	
90 Ethylene Dibromide	107	8.039	8.039	0.000	99	44621	20.0	19.0	
* 91 Chlorobenzene-d5	117	8.492	8.492	0.000	83	360279	50.0	50.0	
92 Chlorobenzene	112	8.516	8.516	0.000	97	132465	20.0	19.5	
93 Ethylbenzene	106	8.607	8.607	0.000	98	64071	20.0	19.0	
94 1,1,1,2-Tetrachloroethane	131	8.615	8.623	-0.008	95	51502	20.0	18.9	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	79329	20.0	18.7	
96 o-Xylene	106	9.101	9.101	0.000	96	83850	20.0	19.2	
97 n-Butyl acrylate	73	9.109	9.109	0.000	96	35148	20.0	19.6	
98 Styrene	104	9.125	9.125	0.000	97	139194	20.0	19.1	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	92	79923	20.0	25.1	
99 Bromoform	173	9.315	9.315	0.000	68	35190	20.0	18.8	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	180179	20.0	20.3	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	95	152158	50.0	49.5	
104 Bromobenzene	156	9.718	9.718	0.000	91	66211	20.0	20.2	
105 1,1,2,2-Tetrachloroethane	83	9.776	9.784	-0.008	59	57409	20.0	20.8	
106 N-Propylbenzene	91	9.784	9.784	0.000	99	187483	20.0	21.1	
107 1,2,3-Trichloropropane	110	9.817	9.808	0.009	94	17763	20.0	19.2	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	90	14403	20.0	21.8	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	144478	20.0	20.5	
110 4-Ethyltoluene	105	9.883	9.882	0.001	98	170021	20.0	20.0	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	93	144959	20.0	20.3	
112 4-Chlorotoluene	91	9.981	9.973	0.008	96	135898	20.0	20.7	
113 Butyl Methacrylate	87	10.039	10.039	0.000	87	65735	20.0	20.7	
114 tert-Butylbenzene	119	10.204	10.203	0.001	96	107582	20.0	19.6	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	96	149319	20.0	19.3	
116 sec-Butylbenzene	105	10.385	10.384	0.001	99	153630	20.0	21.5	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	99	136865	20.0	20.8	
117 1,3-Dichlorobenzene	146	10.508	10.508	0.000	99	103203	20.0	20.1	
* 119 1,4-Dichlorobenzene-d4	152	10.566	10.566	0.000	93	218429	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.590	0.000	98	106931	20.0	19.8	
121 Benzyl chloride	91	10.714	10.714	0.000	99	111048	20.0	20.2	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	95	186524	20.0	19.6	
123 p-Diethylbenzene	119	10.813	10.812	0.001	95	79365	20.0	19.9	
124 n-Butylbenzene	91	10.829	10.829	0.000	97	134473	20.0	22.1	
125 1,2-Dichlorobenzene	146	10.887	10.886	0.001	99	107493	20.0	19.8	
126 1,2,4,5-Tetramethylbenzene	119	11.422	11.421	0.001	97	137640	20.0	19.1	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	90	9565	20.0	18.7	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	95	71173	20.0	20.5	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	92	65704	20.0	19.9	
131 Hexachlorobutadiene	225	12.187	12.195	-0.008	98	30862	20.0	23.8	
132 Naphthalene	128	12.310	12.310	0.000	100	163429	20.0	18.4	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	96	61983	20.0	20.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	38.5	
S 135 Xylenes, Total	100				0		40.0	37.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00125	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

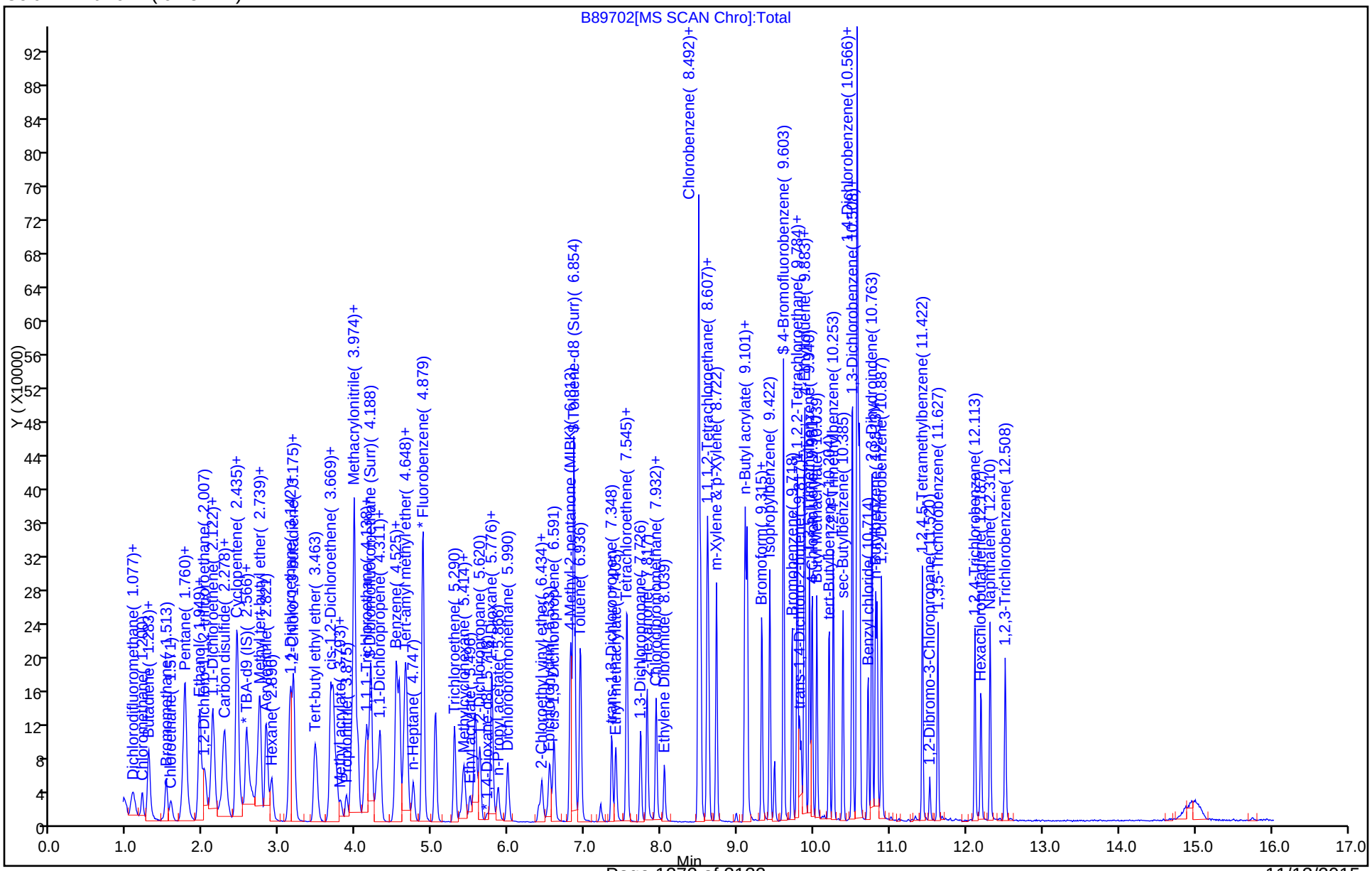
Report Date: 11-Nov-2015 12:30:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89702.D

Injection Date:	08-Nov-2015 08:34:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

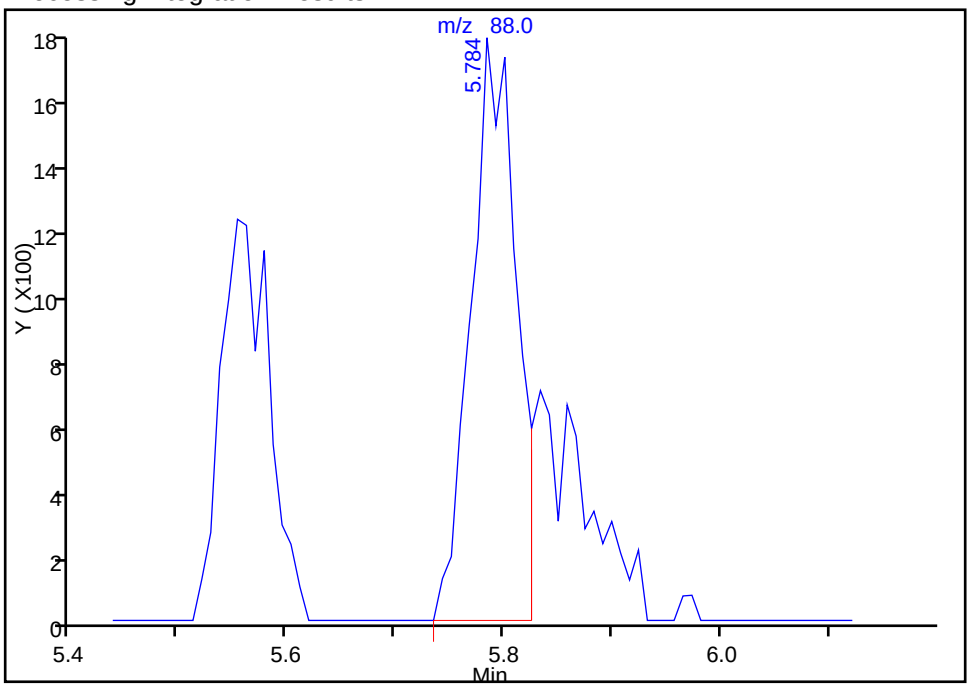
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151108-33958.b\B89702.D
Injection Date: 08-Nov-2015 08:34:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

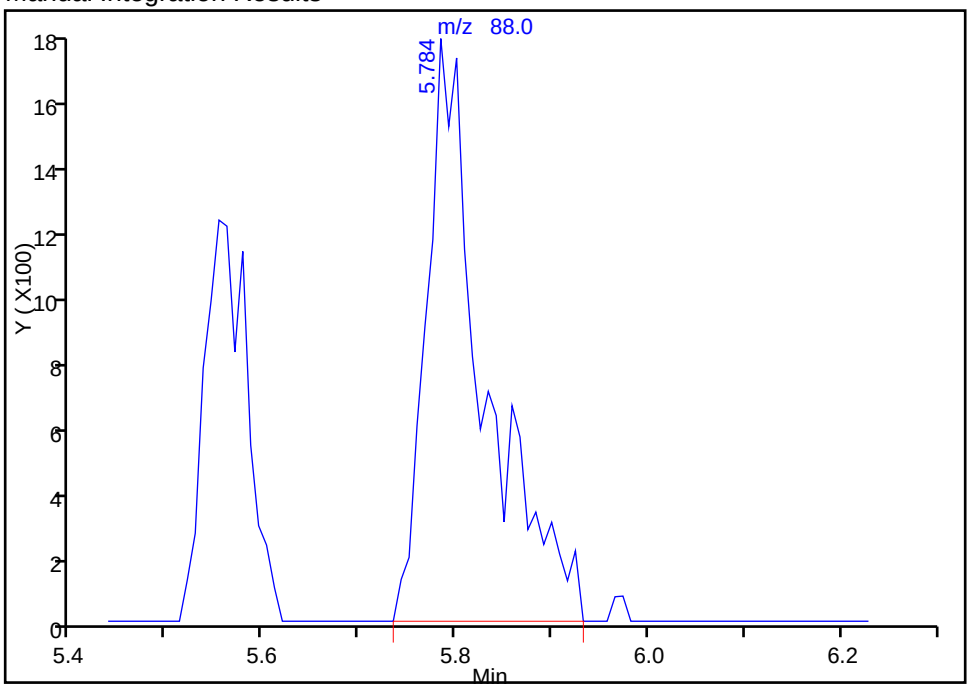
Processing Integration Results

RT: 5.78
Area: 5007
Amount: 412.4798
Amount Units: ug/l



Manual Integration Results

RT: 5.78
Area: 7170
Amount: 591.9404
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 12:30:47
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334020/4

Matrix: Solid | Lab File ID: B89731.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:28

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1060		50	11
74-83-9	Bromomethane	1000		50	9.0
75-01-4	Vinyl chloride	1020		50	10
75-00-3	Chloroethane	991		50	19
75-09-2	Methylene Chloride	1000		50	11
67-64-1	Acetone	4400		250	54
75-15-0	Carbon disulfide	1010		50	11
75-69-4	Trichlorofluoromethane	950		50	7.5
75-35-4	1,1-Dichloroethene	983		50	17
75-34-3	1,1-Dichloroethane	1030		50	12
156-60-5	trans-1,2-Dichloroethene	915		50	9.0
156-59-2	cis-1,2-Dichloroethene	982		50	13
67-66-3	Chloroform	951		50	11
78-93-3	2-Butanone	3910		250	110
107-06-2	1,2-Dichloroethane	850		50	13
71-55-6	1,1,1-Trichloroethane	871		50	14
56-23-5	Carbon tetrachloride	907		50	17
71-43-2	Benzene	1030		50	9.5
75-25-2	Bromoform	934		50	9.0
100-42-5	Styrene	900		50	8.5
100-41-4	Ethylbenzene	895		50	15
108-90-7	Chlorobenzene	923		50	12
110-82-7	Cyclohexane	974		50	13
98-82-8	Isopropylbenzene	924		50	16
591-78-6	2-Hexanone	4970		250	36
1634-04-4	MTBE	955		50	6.5
76-13-1	Freon TF	929		50	17
79-20-9	Methyl acetate	5310		250	29
123-91-1	1,4-Dioxane	40300		1300	440
79-01-6	Trichloroethene	938		50	11
108-88-3	Toluene	984		50	13
10061-02-6	trans-1,3-Dichloropropene	995		50	9.5
108-10-1	4-Methyl-2-pentanone	4770		250	32
10061-01-5	cis-1,3-Dichloropropene	1040		50	8.0
95-50-1	1,2-Dichlorobenzene	905		50	11
541-73-1	1,3-Dichlorobenzene	938		50	17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334020/4

Matrix: Solid | Lab File ID: B89731.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 11:28

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.: 334020 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	925		50	17
120-82-1	1,2,4-Trichlorobenzene	981		50	14
87-61-6	1,2,3-Trichlorobenzene	971		50	18
78-87-5	1,2-Dichloropropane	1020		50	9.0
108-87-2	Methylcyclohexane	931		50	11
127-18-4	Tetrachloroethene	939		50	18
1330-20-7	Xylenes, Total	1820		100	14
96-12-8	1,2-Dibromo-3-Chloropropane	837		50	12
79-34-5	1,1,2,2-Tetrachloroethane	1040		50	9.5
79-00-5	1,1,2-Trichloroethane	974		50	4.0
124-48-1	Dibromochloromethane	947		50	11
106-93-4	1,2-Dibromoethane	921		50	9.5
75-71-8	Dichlorodifluoromethane	884		50	7.0
74-97-5	Bromochloromethane	934		50	15
75-27-4	Bromodichloromethane	886		50	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		69-145
2037-26-5	Toluene-d8 (Surr)	99		72-136
460-00-4	Bromofluorobenzene	97		64-131
1868-53-7	Dibromofluoromethane (Surr)	99		74-134

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89731.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Nov-2015 11:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: LCS
Misc. Info.: 460-0033978-004
Operator ID: Instrument ID: CVOAMS2

Method: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\8260W_2.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 13:25:31 Calib Date: 31-Oct-2015 15:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS2\20151031-33659.b\B89357.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK051

First Level Reviewer: boykink Date: 09-Nov-2015 18:39:20

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	1 Chlorotrifluoroethene	66	1.044	1.068	-0.024	82	7421	20.0	16.6	
	2 Dichlorodifluoromethane	85	1.085	1.085	0.000	98	57475	20.0	17.7	
	3 Chloromethane	50	1.192	1.192	0.000	99	45475	20.0	21.3	
	4 Vinyl chloride	62	1.274	1.282	-0.008	98	51538	20.0	20.4	
	5 Butadiene	54	1.282	1.282	0.000	90	39515	20.0	20.4	
	6 Bromomethane	94	1.513	1.505	0.008	96	42031	20.0	20.0	
	7 Chloroethane	64	1.570	1.570	0.000	99	28525	20.0	19.8	
	10 Trichlorofluoromethane	101	1.743	1.743	0.000	70	79050	20.0	19.0	
	9 Dichlorofluoromethane	67	1.751	1.743	0.008	97	97834	20.0	21.2	
	8 Pentane	72	1.768	1.752	0.016	96	10292	40.0	34.1	
	12 Ethanol	46	1.941	1.933	0.008	62	2638	800.0	1219.0	
	11 Ethyl ether	59	1.941	1.933	0.008	93	38297	20.0	22.1	
	13 2-Methyl-1,3-butadiene	53	1.949	1.949	0.000	96	39958	20.0	21.3	
	14 1,2-Dichloro-1,1,2-trifluo	117	2.015	2.015	0.000	86	46383	20.0	19.5	
	15 Acrolein	56	2.114	2.105	0.009	30	17492	40.0	43.5	
	17 1,1-Dichloroethene	96	2.122	2.114	0.008	95	51214	20.0	19.7	
	16 1,1,2-Trichloro-1,2,2-trif	101	2.122	2.122	0.000	54	42711	20.0	18.6	
	18 Acetone	43	2.221	2.221	0.000	80	41945	100.0	88.0	
	19 Iodomethane	142	2.253	2.254	-0.001	96	108559	20.0	19.6	
	20 Carbon disulfide	76	2.278	2.270	0.008	98	164503	20.0	20.3	
	21 Isopropyl alcohol	45	2.360	2.328	0.032	24	11015	200.0	262.7	
	22 3-Chloro-1-propene	76	2.435	2.418	0.017	47	31052	20.0	21.6	
	23 Cyclopentene	67	2.435	2.435	0.000	82	114014	20.0	20.1	
	24 Methyl acetate	43	2.451	2.443	0.008	97	161768	100.0	106.2	
	25 Acetonitrile	41	2.517	2.500	0.017	19	43469	200.0	244.3	
	26 Methylene Chloride	84	2.566	2.550	0.016	86	56541	20.0	20.0	
*	27 TBA-d9 (IS)	65	2.591	2.583	0.008	94	150825	1000.0	1000.0	
	28 2-Methyl-2-propanol	59	2.648	2.649	-0.001	91	34670	200.0	223.3	
	29 Methyl tert-butyl ether	73	2.714	2.714	0.000	97	147539	20.0	19.1	
	30 trans-1,2-Dichloroethene	96	2.739	2.731	0.008	93	51630	20.0	18.3	
	31 Acrylonitrile	53	2.821	2.813	0.008	95	147603	200.0	208.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	2.895	2.887	0.008	93	16553	20.0	20.2	
34 Isopropyl ether	45	3.126	3.126	0.000	96	142496	20.0	22.8	
33 1,1-Dichloroethane	63	3.142	3.134	0.008	99	85899	20.0	20.5	
36 Vinyl acetate	86	3.175	3.167	0.008	99	13599	40.0	45.1	
35 2-Chloro-1,3-butadiene	88	3.175	3.183	-0.008	81	44644	20.0	19.1	
38 Tert-butyl ethyl ether	59	3.463	3.455	0.008	89	143227	20.0	19.3	
* 158 2-Butanone-d5	46	3.661	3.661	0.000	91	170295	250.0	250.0	
39 2,2-Dichloropropane	41	3.661	3.669	-0.008	66	38250	20.0	19.9	
40 cis-1,2-Dichloroethene	96	3.702	3.694	0.008	92	60195	20.0	19.6	
41 2-Butanone (MEK)	72	3.727	3.727	0.000	100	18101	100.0	78.2	
42 Ethyl acetate	70	3.760	3.743	0.017	1	4274	40.0	24.2	
43 Methyl acrylate	55	3.801	3.784	0.017	99	34029	20.0	20.6	
44 Propionitrile	54	3.866	3.858	0.008	97	46818	200.0	227.5	
46 Tetrahydrofuran	72	3.932	3.932	0.000	68	10453	40.0	35.9	
45 Chlorobromomethane	128	3.932	3.932	0.000	78	30778	20.0	18.7	
47 Methacrylonitrile	67	3.973	3.965	0.008	89	173489	200.0	195.1	
48 Chloroform	83	4.015	4.015	0.000	99	86900	20.0	19.0	
49 Cyclohexane	84	4.122	4.122	0.000	88	49600	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.146	4.138	0.008	97	74974	20.0	17.4	
$ 51 Dibromofluoromethane (Surr	113	4.187	4.188	-0.001	92	109101	50.0	49.4	
52 Carbon tetrachloride	117	4.278	4.270	0.008	89	63220	20.0	18.1	
53 1,1-Dichloropropene	75	4.311	4.311	0.000	95	56362	20.0	18.0	
54 Isooctane	57	4.517	4.508	0.009	95	63670	20.0	21.6	
55 Benzene	78	4.525	4.525	0.000	95	185763	20.0	20.6	
$ 57 1,2-Dichloroethane-d4 (Sur	65	4.566	4.558	0.008	96	106301	50.0	47.1	
56 Isobutyl alcohol	43	4.574	4.558	0.016	38	28753	500.0	562.5	
58 Tert-amyl methyl ether	73	4.640	4.632	0.008	93	151617	20.0	18.7	
59 Isopropyl acetate	87	4.640	4.632	0.008	98	44165	20.0	17.2	
60 1,2-Dichloroethane	62	4.648	4.648	0.000	97	60903	20.0	17.0	
61 n-Heptane	57	4.747	4.739	0.008	93	11400	20.0	18.6	
* 62 Fluorobenzene	96	4.871	4.871	-0.001	99	435093	50.0	50.0	
64 Trichloroethene	95	5.282	5.282	0.000	93	46115	20.0	18.8	
65 n-Butanol	56	5.414	5.397	0.017	42	8646	500.0	723.2	
66 Methylcyclohexane	83	5.405	5.406	-0.001	94	38537	20.0	18.6	
67 Ethyl acrylate	55	5.488	5.488	0.000	98	41675	20.0	18.2	
68 1,2-Dichloropropane	63	5.619	5.619	0.000	90	43261	20.0	20.5	
* 69 1,4-Dioxane-d8	96	5.710	5.702	0.008	87	16757	1000.0	1000.0	
72 Methyl methacrylate	100	5.776	5.768	0.008	85	24608	40.0	34.3	
70 Dibromomethane	93	5.776	5.776	0.000	67	28924	20.0	17.2	
71 1,4-Dioxane	88	5.792	5.776	0.016	35	8571	400.0	806.9	M
73 n-Propyl acetate	43	5.858	5.858	0.000	97	47678	20.0	20.5	
74 Dichlorobromomethane	83	5.982	5.982	0.000	99	56803	20.0	17.7	
75 2-Nitropropane	41	6.385	6.393	-0.008	94	18622	40.0	36.5	
76 2-Chloroethyl vinyl ether	63	6.426	6.426	0.000	92	26009	20.0	19.8	
77 Epichlorohydrin	57	6.533	6.533	0.000	98	67567	400.0	371.1	
78 cis-1,3-Dichloropropene	75	6.591	6.591	0.000	89	74526	20.0	20.7	
79 4-Methyl-2-pentanone (MIBK	43	6.813	6.805	0.008	95	186019	100.0	95.3	
$ 80 Toluene-d8 (Surr)	98	6.854	6.854	0.000	98	366866	50.0	49.6	
81 Toluene	91	6.936	6.936	0.000	93	187155	20.0	19.7	
82 trans-1,3-Dichloropropene	75	7.348	7.348	0.000	95	64200	20.0	19.9	
83 Ethyl methacrylate	69	7.405	7.397	0.008	88	54494	20.0	20.4	
84 1,1,2-Trichloroethane	83	7.545	7.545	0.000	85	34043	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	7.545	7.545	0.000	92	48506	20.0	18.8	
86 1,3-Dichloropropane	76	7.726	7.726	0.000	91	67473	20.0	19.1	
87 2-Hexanone	43	7.809	7.809	-0.001	95	111797	100.0	99.4	
88 Chlorodibromomethane	129	7.924	7.924	0.000	98	52438	20.0	18.9	
89 n-Butyl acetate	73	7.932	7.932	0.000	98	8302	20.0	19.6	
90 Ethylene Dibromide	107	8.039	8.039	0.000	99	45333	20.0	18.4	
* 91 Chlorobenzene-d5	117	8.492	8.483	0.009	84	376967	50.0	50.0	
92 Chlorobenzene	112	8.516	8.508	0.008	97	131271	20.0	18.5	
93 Ethylbenzene	106	8.599	8.599	0.000	98	63160	20.0	17.9	
94 1,1,1,2-Tetrachloroethane	131	8.615	8.615	0.000	93	52211	20.0	18.3	
95 m-Xylene & p-Xylene	106	8.722	8.722	0.000	96	80825	20.0	18.2	
96 o-Xylene	106	9.092	9.092	0.000	95	82974	20.0	18.1	
97 n-Butyl acrylate	73	9.109	9.109	0.000	98	36366	20.0	19.4	
98 Styrene	104	9.125	9.125	0.000	99	137048	20.0	18.0	
100 Amyl acetate (mixed isomer	43	9.315	9.315	0.000	90	81396	20.0	24.9	
99 Bromoform	173	9.315	9.315	0.000	66	36643	20.0	18.7	
101 Isopropylbenzene	105	9.422	9.422	0.000	95	171665	20.0	18.5	
$ 102 4-Bromofluorobenzene	174	9.603	9.603	0.000	96	156384	50.0	48.6	
104 Bromobenzene	156	9.718	9.710	0.008	91	62009	20.0	18.4	
105 1,1,2,2-Tetrachloroethane	83	9.775	9.775	0.000	96	58734	20.0	20.7	
106 N-Propylbenzene	91	9.784	9.784	0.000	100	179262	20.0	19.7	
107 1,2,3-Trichloropropane	110	9.808	9.808	0.000	97	17857	20.0	18.7	
108 trans-1,4-Dichloro-2-buten	53	9.833	9.833	0.000	76	15037	20.0	22.1	
109 2-Chlorotoluene	91	9.874	9.874	0.000	97	143706	20.0	19.8	
110 4-Ethyltoluene	105	9.882	9.882	0.000	98	163924	20.0	18.8	
111 1,3,5-Trimethylbenzene	105	9.940	9.940	0.000	94	137738	20.0	18.8	
112 4-Chlorotoluene	91	9.973	9.973	0.000	96	136002	20.0	20.2	
113 Butyl Methacrylate	87	10.039	10.039	0.000	86	65174	20.0	20.0	
114 tert-Butylbenzene	119	10.195	10.195	0.000	96	103808	20.0	18.4	
115 1,2,4-Trimethylbenzene	105	10.253	10.253	0.000	97	147006	20.0	18.5	
116 sec-Butylbenzene	105	10.384	10.376	0.008	99	147092	20.0	20.0	
118 4-Isopropyltoluene	119	10.500	10.500	0.000	98	133796	20.0	19.7	
117 1,3-Dichlorobenzene	146	10.508	10.500	0.008	99	98988	20.0	18.8	
* 119 1,4-Dichlorobenzene-d4	152	10.565	10.566	-0.001	92	224503	50.0	50.0	
120 1,4-Dichlorobenzene	146	10.590	10.582	0.008	97	102864	20.0	18.5	
121 Benzyl chloride	91	10.705	10.705	0.000	99	114016	20.0	20.2	
122 2,3-Dihydroindene	117	10.763	10.763	0.000	94	175636	20.0	18.0	
123 p-Diethylbenzene	119	10.804	10.804	0.000	94	76480	20.0	18.6	
124 n-Butylbenzene	91	10.829	10.829	0.000	98	129137	20.0	20.6	
125 1,2-Dichlorobenzene	146	10.886	10.886	0.000	98	100946	20.0	18.1	
126 1,2,4,5-Tetramethylbenzene	119	11.421	11.421	0.000	97	136334	20.0	18.4	
127 1,2-Dibromo-3-Chloropropan	75	11.520	11.520	0.000	85	8801	20.0	16.7	
128 1,3,5-Trichlorobenzene	180	11.627	11.627	0.000	94	67106	20.0	18.8	
130 1,2,4-Trichlorobenzene	180	12.113	12.113	0.000	93	66388	20.0	19.6	
131 Hexachlorobutadiene	225	12.187	12.187	0.000	97	31061	20.0	23.4	
132 Naphthalene	128	12.310	12.310	0.000	99	151624	20.0	16.6	
133 1,2,3-Trichlorobenzene	180	12.508	12.508	0.000	96	60553	20.0	19.4	
S 134 1,2-Dichloroethene, Total	100				0		40.0	37.9	
S 135 Xylenes, Total	100				0		40.0	36.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260SURR250_00096	Amount Added:	1.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
8260ISNEW_00030	Amount Added:	1.00	Units: uL	Run Reagent

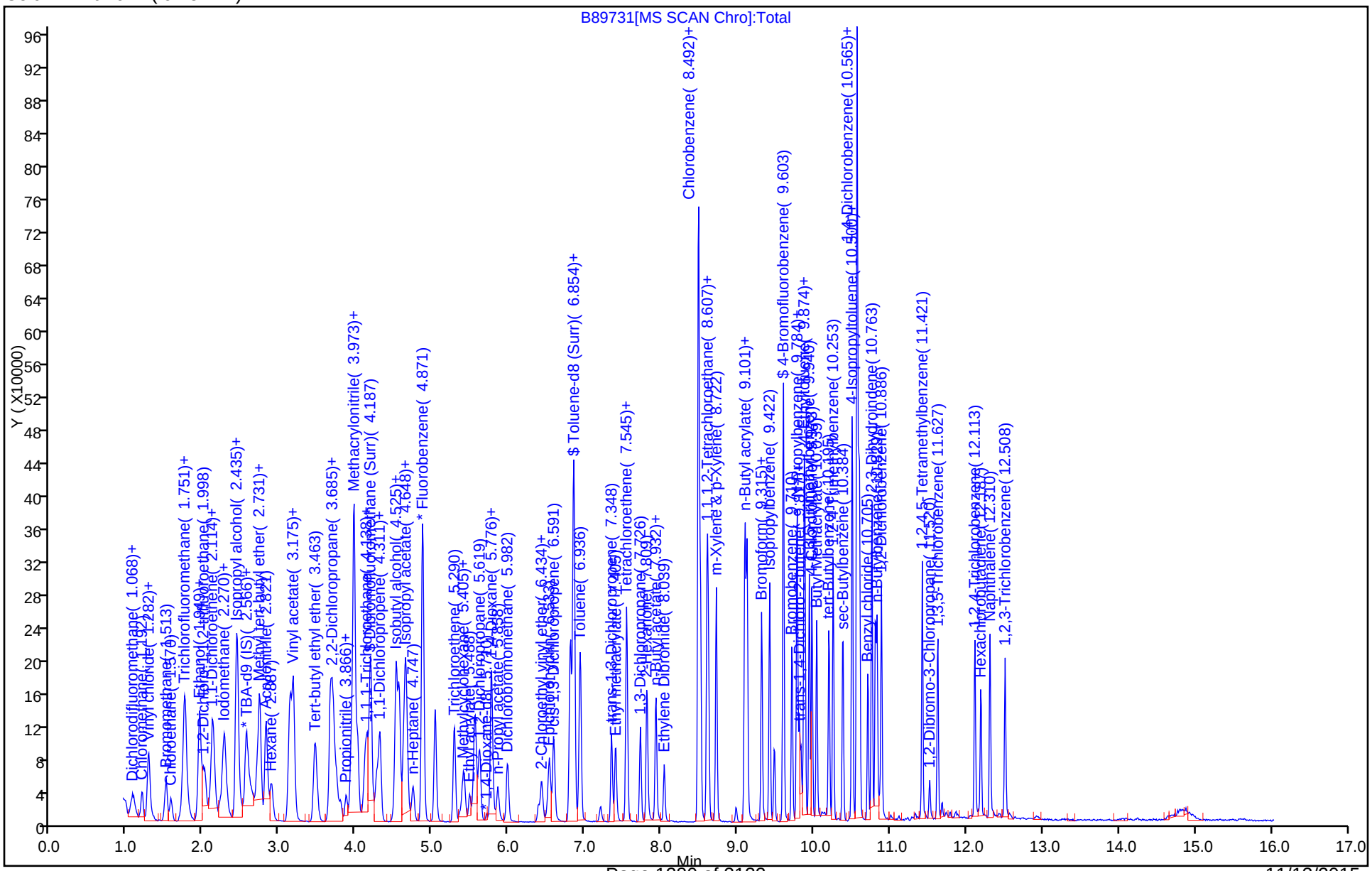
Report Date: 11-Nov-2015 13:25:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89731.D

Injection Date:	09-Nov-2015 11:28:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	50.0000	ALS Bottle#:	3
Method:	8260W_2	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

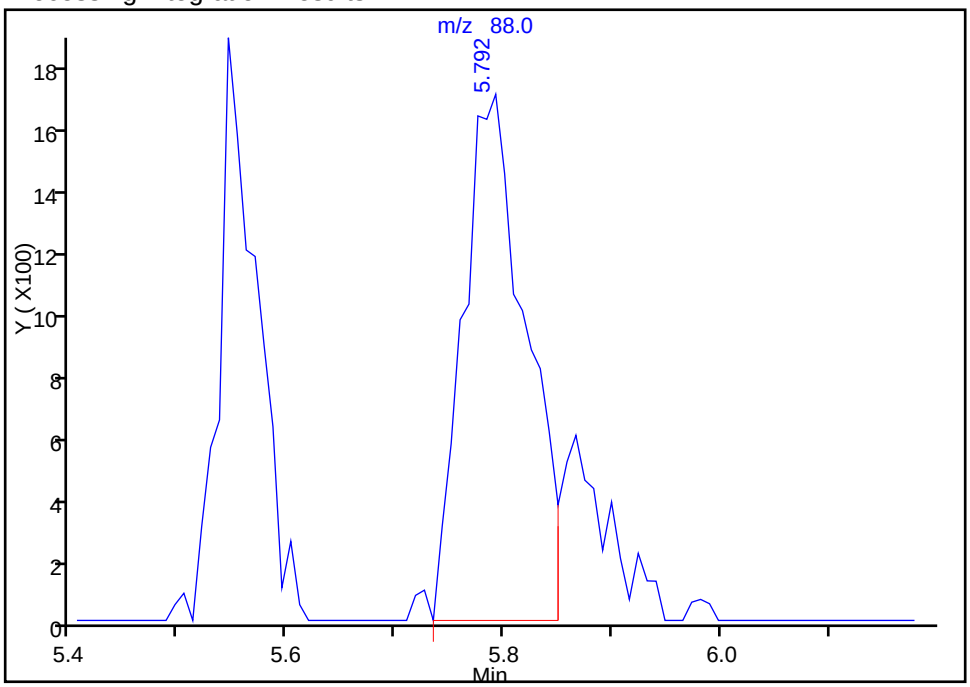
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS2\20151109-33978.b\B89731.D
Injection Date: 09-Nov-2015 11:28:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Method: 8260W_2 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

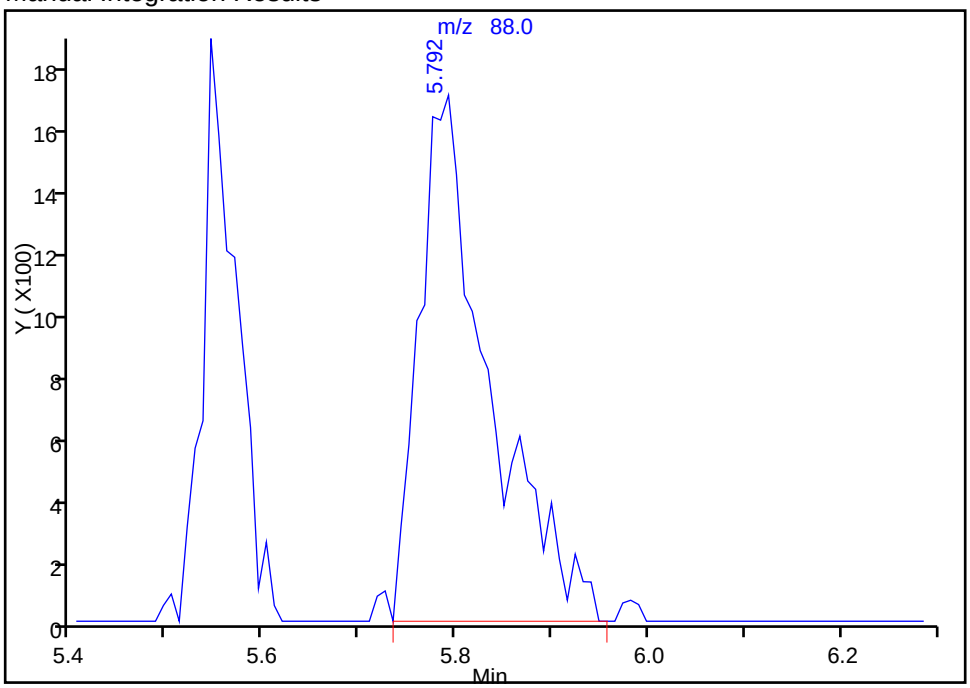
Processing Integration Results

RT: 5.79
Area: 6920
Amount: 650.2383
Amount Units: ug/l



Manual Integration Results

RT: 5.79
Area: 8571
Amount: 806.8916
Amount Units: ug/l



Reviewer: baronm, 11-Nov-2015 13:25:31
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334049/5

Matrix: Solid | Lab File ID: K46833.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 12:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.8		1.0	0.38
74-83-9	Bromomethane	20.4		1.0	0.32
75-01-4	Vinyl chloride	20.3		1.0	0.39
75-00-3	Chloroethane	22.3		1.0	0.35
75-09-2	Methylene Chloride	20.3		1.0	0.32
67-64-1	Acetone	126		5.0	1.1
75-15-0	Carbon disulfide	20.2		1.0	0.43
75-69-4	Trichlorofluoromethane	19.6		1.0	0.34
75-35-4	1,1-Dichloroethene	20.0		1.0	0.41
75-34-3	1,1-Dichloroethane	20.6		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	20.2		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	20.1		1.0	0.22
67-66-3	Chloroform	20.3		1.0	0.21
78-93-3	2-Butanone	112		5.0	0.77
107-06-2	1,2-Dichloroethane	20.0		1.0	0.11
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.38
56-23-5	Carbon tetrachloride	19.5		1.0	0.43
71-43-2	Benzene	20.1		1.0	0.20
75-25-2	Bromoform	18.7		1.0	0.13
100-42-5	Styrene	19.3		1.0	0.15
100-41-4	Ethylbenzene	19.0		1.0	0.18
108-90-7	Chlorobenzene	19.3		1.0	0.14
110-82-7	Cyclohexane	20.4		1.0	0.46
98-82-8	Isopropylbenzene	19.1		1.0	0.17
591-78-6	2-Hexanone	105		5.0	0.94
1634-04-4	MTBE	20.9		1.0	0.17
76-13-1	Freon TF	20.6		1.0	0.44
79-20-9	Methyl acetate	110		5.0	0.90
123-91-1	1,4-Dioxane	522		20	6.4
79-01-6	Trichloroethene	19.4		1.0	0.26
108-88-3	Toluene	19.4		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.10
108-10-1	4-Methyl-2-pentanone	99.5		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.14
541-73-1	1,3-Dichlorobenzene	19.6		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334049/5

Matrix: Solid | Lab File ID: K46833.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/09/2015 12:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334049 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	21.0		1.0	0.11
78-87-5	1,2-Dichloropropane	19.6		1.0	0.17
108-87-2	Methylcyclohexane	20.2		1.0	0.50
127-18-4	Tetrachloroethene	19.1		1.0	0.28
1330-20-7	Xylenes, Total	37.8		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.28
124-48-1	Dibromochloromethane	19.3		1.0	0.15
106-93-4	1,2-Dibromoethane	19.4		1.0	0.12
75-71-8	Dichlorodifluoromethane	19.4		1.0	0.32
74-97-5	Bromochloromethane	20.4		1.0	0.17
75-27-4	Bromodichloromethane	19.6		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-135
2037-26-5	Toluene-d8 (Surr)	96		73-121
460-00-4	Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	99		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46833.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Nov-2015 12:06:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0033985-005
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 09-Nov-2015 16:56:55 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: delpolitov Date: 09-Nov-2015 16:57:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.548	1.537	0.011	93	15332	20.0	19.6	
2 Dichlorodifluoromethane	85	1.575	1.569	0.006	98	92891	20.0	19.4	
3 Chloromethane	50	1.762	1.757	0.005	99	113821	20.0	20.8	
4 Vinyl chloride	62	1.853	1.853	0.000	98	98614	20.0	20.3	
5 Butadiene	54	1.864	1.858	0.006	96	81133	20.0	20.0	
6 Bromomethane	94	2.147	2.147	0.000	99	47520	20.0	20.4	
7 Chloroethane	64	2.217	2.211	0.006	100	38646	20.0	22.3	
9 Trichlorofluoromethane	101	2.393	2.388	0.005	97	97353	20.0	19.6	
8 Dichlorofluoromethane	67	2.409	2.404	0.005	99	151815	20.0	21.5	
10 Pentane	72	2.436	2.431	0.005	96	21689	40.0	39.8	
11 Ethanol	46	2.629	2.623	0.006	84	16070	800.0	914.7	
12 Ethyl ether	59	2.634	2.629	0.005	92	52402	20.0	20.9	
13 2-Methyl-1,3-butadiene	53	2.655	2.650	0.005	97	61831	20.0	20.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.682	2.688	-0.006	97	51887	20.0	20.2	
15 Acrolein	56	2.816	2.811	0.005	97	138036	300.0	269.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	95	71315	20.0	20.6	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	94	57259	20.0	20.0	
18 Acetone	43	2.939	2.928	0.011	85	155378	100.0	126.2	
19 Iodomethane	142	3.009	3.003	0.006	99	110214	20.0	20.5	
20 Isopropyl alcohol	45	3.019	3.009	0.011	1	55454	200.0	223.5	
21 Carbon disulfide	76	3.046	3.041	0.005	100	233706	20.0	20.2	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	96	36861	20.0	19.9	
23 Methyl acetate	43	3.180	3.174	0.006	99	314898	100.0	109.7	
24 Cyclopentene	67	3.196	3.190	0.006	94	169570	20.0	20.9	
25 Acetonitrile	41	3.239	3.233	0.006	92	114966	200.0	192.5	
* 26 TBA-d9 (IS)	65	3.292	3.281	0.011	100	298186	1000.0	1000.0	
27 Methylene Chloride	84	3.303	3.297	0.006	99	69778	20.0	20.3	
28 2-Methyl-2-propanol	59	3.362	3.351	0.011	97	94191	200.0	240.4	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	98	185389	20.0	20.9	
30 trans-1,2-Dichloroethene	96	3.495	3.490	0.005	98	61761	20.0	20.2	
31 Acrylonitrile	53	3.565	3.560	0.005	93	254400	200.0	213.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.650	3.645	0.005	94	71727	20.0	21.5	
34 Isopropyl ether	45	3.859	3.854	0.005	97	250466	20.0	21.6	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	128266	20.0	20.6	
36 Vinyl acetate	43	3.907	3.897	0.010	100	259708	40.0	44.6	
37 2-Chloro-1,3-butadiene	88	3.945	3.939	0.006	93	54500	20.0	20.2	
38 Tert-butyl ethyl ether	59	4.180	4.175	0.005	87	209526	20.0	20.9	
* 39 2-Butanone-d5	46	4.383	4.373	0.010	98	261363	250.0	250.0	
40 2,2-Dichloropropane	79	4.405	4.399	0.006	95	32825	20.0	19.5	
41 cis-1,2-Dichloroethene	96	4.426	4.421	0.005	91	69237	20.0	20.1	
42 Ethyl acetate	43	4.437	4.432	0.005	94	298841	40.0	44.2	
43 2-Butanone (MEK)	72	4.437	4.432	0.005	96	41316	100.0	111.8	
44 Methyl acrylate	55	4.496	4.485	0.011	99	57423	20.0	21.6	
45 Propionitrile	54	4.576	4.565	0.011	98	103328	200.0	208.9	
66 Tetrahydrofuran	72	4.656	4.651	0.005	62	18122	40.0	41.4	
46 Chlorobromomethane	128	4.656	4.651	0.005	93	33018	20.0	20.4	
47 Methacrylonitrile	67	4.678	4.672	0.006	95	259919	200.0	217.0	
48 Chloroform	83	4.704	4.704	0.000	97	114066	20.0	20.3	
49 Cyclohexane	56	4.849	4.843	0.006	96	125385	20.0	20.4	
50 1,1,1-Trichloroethane	97	4.860	4.854	0.006	91	94162	20.0	19.4	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.860	0.005	0	134011	50.0	49.4	
52 Carbon tetrachloride	117	4.983	4.977	0.006	97	80021	20.0	19.5	
53 1,1-Dichloropropene	75	5.009	5.004	0.005	95	86668	20.0	19.7	
54 Isobutyl alcohol	43	5.116	5.106	0.010	95	85878	500.0	548.5	
55 Benzene	78	5.213	5.207	0.006	97	260181	20.0	20.1	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.218	0.005	97	141636	50.0	48.5	
57 Isopropyl acetate	43	5.255	5.255	0.000	96	200722	20.0	21.7	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	96	197818	20.0	20.6	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	96	85852	20.0	20.0	
60 n-Heptane	57	5.362	5.357	0.005	97	57807	20.0	20.0	
* 61 Fluorobenzene	96	5.501	5.496	0.005	98	449620	50.0	50.0	
63 n-Butanol	56	5.785	5.780	0.005	94	53207	500.0	472.6	
64 Trichloroethene	95	5.855	5.855	0.000	97	60709	20.0	19.4	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	173295	20.0	20.3	
67 Methylcyclohexane	83	5.988	5.983	0.005	95	116138	20.0	20.2	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	91	68353	20.0	19.6	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	40	24078	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	95	112961	40.0	41.5	
71 1,4-Dioxane	88	6.266	6.256	0.010	26	16158	400.0	521.8	
72 n-Propyl acetate	43	6.266	6.266	0.000	99	100313	20.0	22.2	
73 Dibromomethane	93	6.283	6.283	0.000	95	38369	20.0	20.0	
74 Dichlorobromomethane	83	6.427	6.427	0.000	99	79163	20.0	19.6	
76 2-Chloroethyl vinyl ether	63	6.764	6.764	0.000	72	32943	20.0	19.5	
75 2-Nitropropane	41	6.764	6.764	0.000	83	31590	40.0	39.1	
77 Epichlorohydrin	57	6.876	6.871	0.005	99	123008	400.0	391.8	
78 cis-1,3-Dichloropropene	75	6.935	6.930	0.005	95	97828	20.0	20.2	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.090	0.006	98	366236	100.0	99.5	
$ 80 Toluene-d8 (Surr)	98	7.187	7.181	0.006	99	434889	50.0	48.2	
81 Toluene	91	7.262	7.262	0.000	93	249322	20.0	19.4	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	80639	20.0	19.8	
83 Ethyl methacrylate	69	7.636	7.631	0.005	93	63999	20.0	19.1	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	96	43601	20.0	19.7	
85 Tetrachloroethene	166	7.877	7.877	0.000	96	56993	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.043	8.043	0.000	96	82527	20.0	19.7	
87 2-Hexanone	43	8.096	8.096	0.000	100	253322	100.0	105.0	
88 n-Butyl acetate	43	8.208	8.208	0.000	97	75139	20.0	20.0	
89 Chlorodibromomethane	129	8.278	8.273	0.005	98	53438	20.0	19.3	
90 Ethylene Dibromide	107	8.438	8.438	0.000	98	46709	20.0	19.4	
* 91 Chlorobenzene-d5	117	8.989	8.984	0.005	88	304911	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	93	152628	20.0	19.3	
93 Ethylbenzene	106	9.123	9.123	0.000	99	82377	20.0	19.0	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	94	59248	20.0	19.5	
95 m-Xylene & p-Xylene	106	9.268	9.262	0.006	98	99460	20.0	18.7	
96 n-Butyl acrylate	73	9.669	9.664	0.005	95	35343	20.0	18.3	
97 o-Xylene	106	9.690	9.690	0.000	93	108035	20.0	19.1	
98 Styrene	104	9.717	9.717	0.000	95	157991	20.0	19.3	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	89	110425	20.0	19.9	
100 Bromoform	173	9.915	9.915	0.000	95	31502	20.0	18.7	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	278596	20.0	19.1	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.001	89	139914	50.0	47.3	
104 Bromobenzene	156	10.316	10.311	0.005	98	64096	20.0	19.2	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	71008	20.0	19.0	
106 N-Propylbenzene	91	10.370	10.364	0.006	99	331074	20.0	19.1	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	16970	20.0	19.0	
108 trans-1,4-Dichloro-2-buten	53	10.396	10.396	0.000	87	19891	20.0	19.8	
109 2-Chlorotoluene	91	10.455	10.455	0.000	97	225079	20.0	19.3	
110 4-Ethyltoluene	105	10.461	10.455	0.006	98	272346	20.0	19.7	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	235959	20.0	19.2	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	193692	20.0	19.5	
113 Butyl Methacrylate	87	10.584	10.584	0.000	95	69056	20.0	18.7	
114 tert-Butylbenzene	119	10.744	10.744	0.000	92	193119	20.0	19.7	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	242351	20.0	19.3	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	315185	20.0	19.5	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	97	262837	20.0	19.4	
118 1,3-Dichlorobenzene	146	11.006	11.001	0.005	94	126653	20.0	19.6	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.054	0.000	95	160429	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.001	95	126517	20.0	19.6	
121 Benzyl chloride	91	11.167	11.167	0.000	98	119662	20.0	19.1	
122 2,3-Dihydroindene	117	11.215	11.210	0.005	94	248385	20.0	19.5	
123 p-Diethylbenzene	119	11.242	11.242	0.000	93	154883	20.0	19.5	
124 n-Butylbenzene	91	11.263	11.258	0.005	97	317747	20.0	19.7	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	126775	20.0	19.3	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	255444	20.0	18.8	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	94	13814	20.0	19.1	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	96	110219	20.0	19.2	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	93	106635	20.0	19.4	
131 Hexachlorobutadiene	225	12.354	12.354	0.000	93	49591	20.0	18.9	
132 Naphthalene	128	12.467	12.467	0.000	99	262171	20.0	20.4	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	108129	20.0	21.0	
S 134 1,2-Dichloroethene, Total	100				0		40.0	40.3	
S 135 Xylenes, Total	100				0		40.0	37.8	
S 136 Total BTEX	1				0		100.0	96.2	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

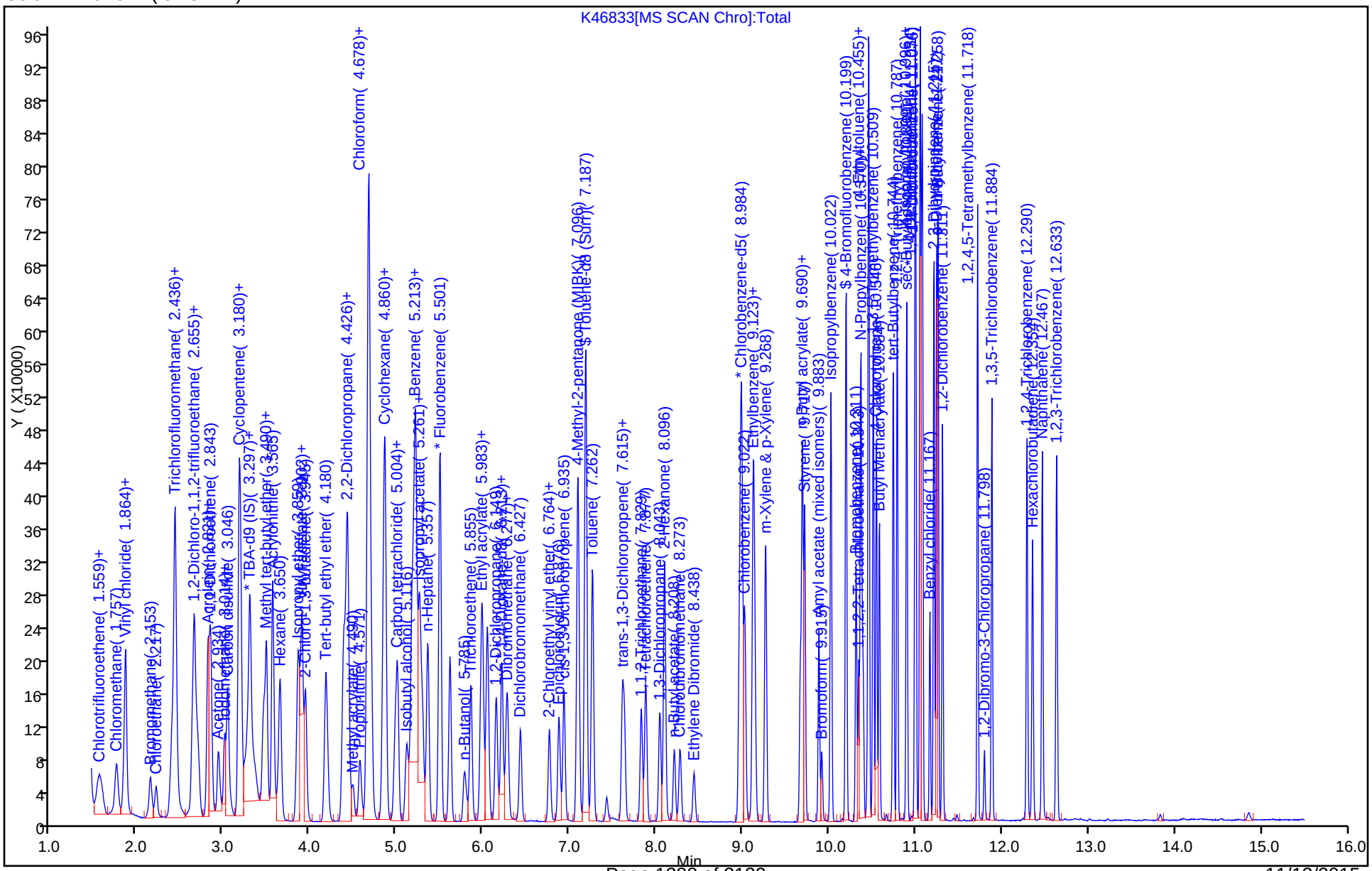
Report Date: 09-Nov-2015 16:57:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151109-33985.b\K46833.D

Injection Date:	09-Nov-2015 12:06:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S9	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334331/4

Matrix: Solid | Lab File ID: K46884.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 10:53

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	22.8		1.0	0.38
74-83-9	Bromomethane	20.2		1.0	0.32
75-01-4	Vinyl chloride	22.1		1.0	0.39
75-00-3	Chloroethane	23.2		1.0	0.35
75-09-2	Methylene Chloride	21.2		1.0	0.32
67-64-1	Acetone	117		5.0	1.1
75-15-0	Carbon disulfide	21.5		1.0	0.43
75-69-4	Trichlorofluoromethane	21.6		1.0	0.34
75-35-4	1,1-Dichloroethene	21.2		1.0	0.41
75-34-3	1,1-Dichloroethane	21.8		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	21.0		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.22
67-66-3	Chloroform	21.1		1.0	0.21
78-93-3	2-Butanone	111		5.0	0.77
107-06-2	1,2-Dichloroethane	20.2		1.0	0.11
71-55-6	1,1,1-Trichloroethane	21.1		1.0	0.38
56-23-5	Carbon tetrachloride	21.1		1.0	0.43
71-43-2	Benzene	20.5		1.0	0.20
75-25-2	Bromoform	18.7		1.0	0.13
100-42-5	Styrene	19.8		1.0	0.15
100-41-4	Ethylbenzene	19.3		1.0	0.18
108-90-7	Chlorobenzene	19.9		1.0	0.14
110-82-7	Cyclohexane	22.5		1.0	0.46
98-82-8	Isopropylbenzene	19.7		1.0	0.17
591-78-6	2-Hexanone	106		5.0	0.94
1634-04-4	MTBE	21.5		1.0	0.17
76-13-1	Freon TF	22.2		1.0	0.44
79-20-9	Methyl acetate	111		5.0	0.90
123-91-1	1,4-Dioxane	565		20	6.4
79-01-6	Trichloroethene	20.3		1.0	0.26
108-88-3	Toluene	19.9		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	101		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.14
541-73-1	1,3-Dichlorobenzene	20.3		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334331/4

Matrix: Solid | Lab File ID: K46884.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 10:53

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.: 334331 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	19.5		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.11
78-87-5	1,2-Dichloropropane	20.2		1.0	0.17
108-87-2	Methylcyclohexane	21.8		1.0	0.50
127-18-4	Tetrachloroethene	20.0		1.0	0.28
1330-20-7	Xylenes, Total	39.0		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.28
124-48-1	Dibromochloromethane	19.4		1.0	0.15
106-93-4	1,2-Dibromoethane	19.5		1.0	0.12
75-71-8	Dichlorodifluoromethane	21.0		1.0	0.32
74-97-5	Bromochloromethane	21.2		1.0	0.17
75-27-4	Bromodichloromethane	19.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
2037-26-5	Toluene-d8 (Surr)	101		73-121
460-00-4	Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	103		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46884.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 10:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0034050-004
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Nov-2015 13:30:10 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK027

First Level Reviewer: martineze Date: 10-Nov-2015 11:29:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.548	1.548	0.000	90	15561	20.0	21.2	
2 Dichlorodifluoromethane	85	1.575	1.575	0.000	99	94114	20.0	21.0	
3 Chloromethane	50	1.757	1.757	0.000	99	116603	20.0	22.8	
4 Vinyl chloride	62	1.853	1.853	0.000	72	100296	20.0	22.1	
5 Butadiene	54	1.864	1.858	0.006	96	81512	20.0	21.4	
6 Bromomethane	94	2.147	2.147	0.000	99	44082	20.0	20.2	
7 Chloroethane	64	2.212	2.217	-0.005	99	37635	20.0	23.2	
9 Trichlorofluoromethane	101	2.393	2.399	-0.006	49	100783	20.0	21.6	
8 Dichlorofluoromethane	67	2.404	2.404	0.000	98	152125	20.0	23.1	
10 Pentane	72	2.436	2.436	0.000	96	21893	40.0	42.9	
11 Ethanol	46	2.634	2.629	0.005	80	16801	800.0	1034.9	
12 Ethyl ether	59	2.634	2.634	0.000	92	50428	20.0	21.5	
13 2-Methyl-1,3-butadiene	53	2.656	2.656	0.000	97	63528	20.0	22.5	
14 1,2-Dichloro-1,1,2-trifluo	117	2.682	2.693	-0.011	97	52266	20.0	21.7	
15 Acrolein	56	2.811	2.816	-0.005	97	123825	300.0	261.8	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	96	72166	20.0	22.2	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	94	56765	20.0	21.2	
18 Acetone	43	2.934	2.939	-0.005	85	132600	100.0	117.2	
19 Iodomethane	142	3.009	3.009	0.000	98	108360	20.0	21.5	
20 Isopropyl alcohol	45	3.019	3.025	-0.006	1	55730	200.0	243.2	
21 Carbon disulfide	76	3.041	3.046	-0.005	100	233092	20.0	21.5	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	96	35884	20.0	20.7	
23 Methyl acetate	43	3.174	3.180	-0.006	99	298173	100.0	110.9	
24 Cyclopentene	67	3.196	3.196	0.000	89	169063	20.0	22.3	
25 Acetonitrile	41	3.244	3.239	0.005	98	135959	200.0	246.5	
* 26 TBA-d9 (IS)	65	3.287	3.298	-0.011	100	275451	1000.0	1000.0	
27 Methylene Chloride	84	3.298	3.303	-0.005	99	68015	20.0	21.2	
28 2-Methyl-2-propanol	59	3.356	3.356	0.000	98	83216	200.0	229.5	
29 Methyl tert-butyl ether	73	3.463	3.463	0.000	98	178165	20.0	21.5	
30 trans-1,2-Dichloroethene	96	3.490	3.496	-0.006	99	60128	20.0	21.0	
31 Acrylonitrile	53	3.565	3.565	0.000	93	247368	200.0	222.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.651	3.651	0.000	94	70798	20.0	22.7	
34 Isopropyl ether	45	3.859	3.859	0.000	97	240048	20.0	22.1	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	126725	20.0	21.8	
36 Vinyl acetate	43	3.902	3.902	0.000	100	236294	40.0	43.3	
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	93	54445	20.0	21.6	
38 Tert-butyl ethyl ether	59	4.180	4.180	0.000	88	201073	20.0	21.4	
* 39 2-Butanone-d5	46	4.378	4.384	-0.006	99	239605	250.0	250.0	
40 2,2-Dichloropropane	79	4.410	4.405	0.005	96	32026	20.0	20.3	
41 cis-1,2-Dichloroethene	96	4.426	4.426	0.000	92	66596	20.0	20.6	
42 Ethyl acetate	43	4.432	4.437	-0.005	92	276626	40.0	44.6	
43 2-Butanone (MEK)	72	4.437	4.437	0.000	96	37481	100.0	110.6	
44 Methyl acrylate	55	4.491	4.496	-0.005	99	54320	20.0	21.9	
45 Propionitrile	54	4.571	4.576	-0.005	97	96651	200.0	211.5	
66 Tetrahydrofuran	72	4.651	4.656	-0.005	63	16737	40.0	41.7	
46 Chlorobromomethane	128	4.656	4.656	0.000	92	32061	20.0	21.2	
47 Methacrylonitrile	67	4.672	4.678	-0.006	95	246818	200.0	220.1	
48 Chloroform	83	4.705	4.705	-0.001	97	110947	20.0	21.1	
49 Cyclohexane	56	4.849	4.849	0.000	97	129437	20.0	22.5	
50 1,1,1-Trichloroethane	97	4.860	4.860	0.000	94	95684	20.0	21.1	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	131035	50.0	51.5	
52 Carbon tetrachloride	117	4.983	4.983	0.000	97	81131	20.0	21.1	
53 1,1-Dichloropropene	75	5.004	5.009	-0.005	95	85719	20.0	20.8	
54 Isobutyl alcohol	43	5.111	5.116	-0.005	96	80301	500.0	555.2	
55 Benzene	78	5.207	5.213	-0.006	97	251686	20.0	20.5	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.223	0.000	97	136532	50.0	49.9	
57 Isopropyl acetate	43	5.250	5.256	-0.006	96	186242	20.0	21.5	
58 Tert-amyl methyl ether	73	5.266	5.266	0.000	94	188348	20.0	20.9	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	81570	20.0	20.2	
60 n-Heptane	57	5.357	5.357	0.000	97	56391	20.0	20.8	
* 61 Fluorobenzene	96	5.496	5.502	-0.006	98	420976	50.0	50.0	
63 n-Butanol	56	5.780	5.785	-0.005	93	48079	500.0	462.3	
64 Trichloroethene	95	5.855	5.860	-0.005	97	59383	20.0	20.3	
65 Ethyl acrylate	55	5.978	5.978	0.000	98	172512	20.0	21.6	
67 Methylcyclohexane	83	5.988	5.988	0.000	94	117906	20.0	21.8	
68 1,2-Dichloropropane	63	6.149	6.149	0.000	91	66075	20.0	20.2	
* 69 1,4-Dioxane-d8	96	6.202	6.197	0.005	86	21343	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	107677	40.0	42.3	
71 1,4-Dioxane	88	6.251	6.251	0.000	89	15475	400.0	564.7	
72 n-Propyl acetate	43	6.267	6.267	0.000	99	96843	20.0	22.9	
73 Dibromomethane	93	6.277	6.283	-0.006	95	36806	20.0	20.5	
74 Dichlorobromomethane	83	6.427	6.432	-0.005	98	74941	20.0	19.8	
76 2-Chloroethyl vinyl ether	63	6.759	6.764	-0.005	83	31686	20.0	20.0	
75 2-Nitropropane	41	6.764	6.764	0.000	87	29319	40.0	38.8	
77 Epichlorohydrin	57	6.876	6.871	0.005	99	114223	400.0	396.8	
78 cis-1,3-Dichloropropene	75	6.930	6.935	-0.005	96	90034	20.0	19.6	
79 4-Methyl-2-pentanone (MIBK	43	7.096	7.096	0.000	98	341747	100.0	101.3	
$ 80 Toluene-d8 (Surr)	98	7.181	7.187	-0.006	99	429346	50.0	50.4	
81 Toluene	91	7.262	7.262	0.000	94	242411	20.0	19.9	
82 trans-1,3-Dichloropropene	75	7.609	7.609	0.000	98	75921	20.0	19.7	
83 Ethyl methacrylate	69	7.631	7.631	0.000	92	60469	20.0	19.1	
84 1,1,2-Trichloroethane	83	7.829	7.829	0.000	95	41446	20.0	19.8	
85 Tetrachloroethene	166	7.877	7.882	-0.005	96	56376	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.043	8.043	0.000	96	79769	20.0	20.1	
87 2-Hexanone	43	8.096	8.096	0.000	100	234052	100.0	105.8	
88 n-Butyl acetate	43	8.209	8.209	0.000	98	73828	20.0	20.8	
89 Chlorodibromomethane	129	8.273	8.278	-0.005	98	50578	20.0	19.4	
90 Ethylene Dibromide	107	8.433	8.439	-0.006	99	44459	20.0	19.5	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	288005	50.0	50.0	
92 Chlorobenzene	112	9.022	9.027	-0.005	93	148767	20.0	19.9	
93 Ethylbenzene	106	9.123	9.123	0.000	99	79000	20.0	19.3	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.139	0.000	95	56407	20.0	19.6	
95 m-Xylene & p-Xylene	106	9.268	9.268	0.000	97	97175	20.0	19.3	
96 n-Butyl acrylate	73	9.664	9.669	-0.005	95	33382	20.0	18.3	
97 o-Xylene	106	9.690	9.690	0.000	92	104877	20.0	19.7	
98 Styrene	104	9.717	9.717	0.000	95	153578	20.0	19.8	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	105374	20.0	20.3	
100 Bromoform	173	9.915	9.915	0.000	95	29755	20.0	18.7	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	270391	20.0	19.7	
$ 102 4-Bromofluorobenzene	174	10.199	10.199	0.000	91	140969	50.0	50.4	
104 Bromobenzene	156	10.311	10.311	0.000	97	61423	20.0	19.7	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	68279	20.0	19.6	
106 N-Propylbenzene	91	10.364	10.365	-0.001	99	321274	20.0	19.8	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	95	16196	20.0	19.4	
108 trans-1,4-Dichloro-2-buten	53	10.397	10.397	0.000	87	18503	20.0	19.7	
109 2-Chlorotoluene	91	10.455	10.455	0.000	97	216540	20.0	19.9	
110 4-Ethyltoluene	105	10.455	10.461	-0.006	98	265116	20.0	20.6	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	226404	20.0	19.7	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	186211	20.0	20.0	
113 Butyl Methacrylate	87	10.584	10.584	0.000	95	65300	20.0	18.9	
114 tert-Butylbenzene	119	10.744	10.744	0.000	93	186573	20.0	20.4	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	231110	20.0	19.7	
116 sec-Butylbenzene	105	10.899	10.899	0.000	99	308328	20.0	20.4	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	255443	20.0	20.2	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	97	122517	20.0	20.3	
* 119 1,4-Dichlorobenzene-d4	152	11.055	11.055	0.000	95	149801	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.071	11.071	0.000	95	121868	20.0	20.2	
121 Benzyl chloride	91	11.167	11.167	0.000	98	111046	20.0	19.0	
122 2,3-Dihydroindene	117	11.215	11.215	0.000	95	232936	20.0	19.6	
123 p-Diethylbenzene	119	11.242	11.242	0.000	92	151152	20.0	20.4	
124 n-Butylbenzene	91	11.258	11.263	-0.005	98	305201	20.0	20.3	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	95	122983	20.0	20.0	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	246876	20.0	19.5	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	94	13212	20.0	19.6	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	107342	20.0	20.0	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	100036	20.0	19.5	
131 Hexachlorobutadiene	225	12.355	12.355	0.000	93	48742	20.0	19.9	
132 Naphthalene	128	12.467	12.467	0.000	99	251270	20.0	20.9	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	94	103653	20.0	21.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.6	
S 135 Xylenes, Total	100				0		40.0	39.0	
S 136 Total BTEX	1				0		100.0	98.7	

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 13:30:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34050.b\K46884.D

Injection Date: 10-Nov-2015 10:53:30 Instrument ID: CVOAMS9 Operator ID:

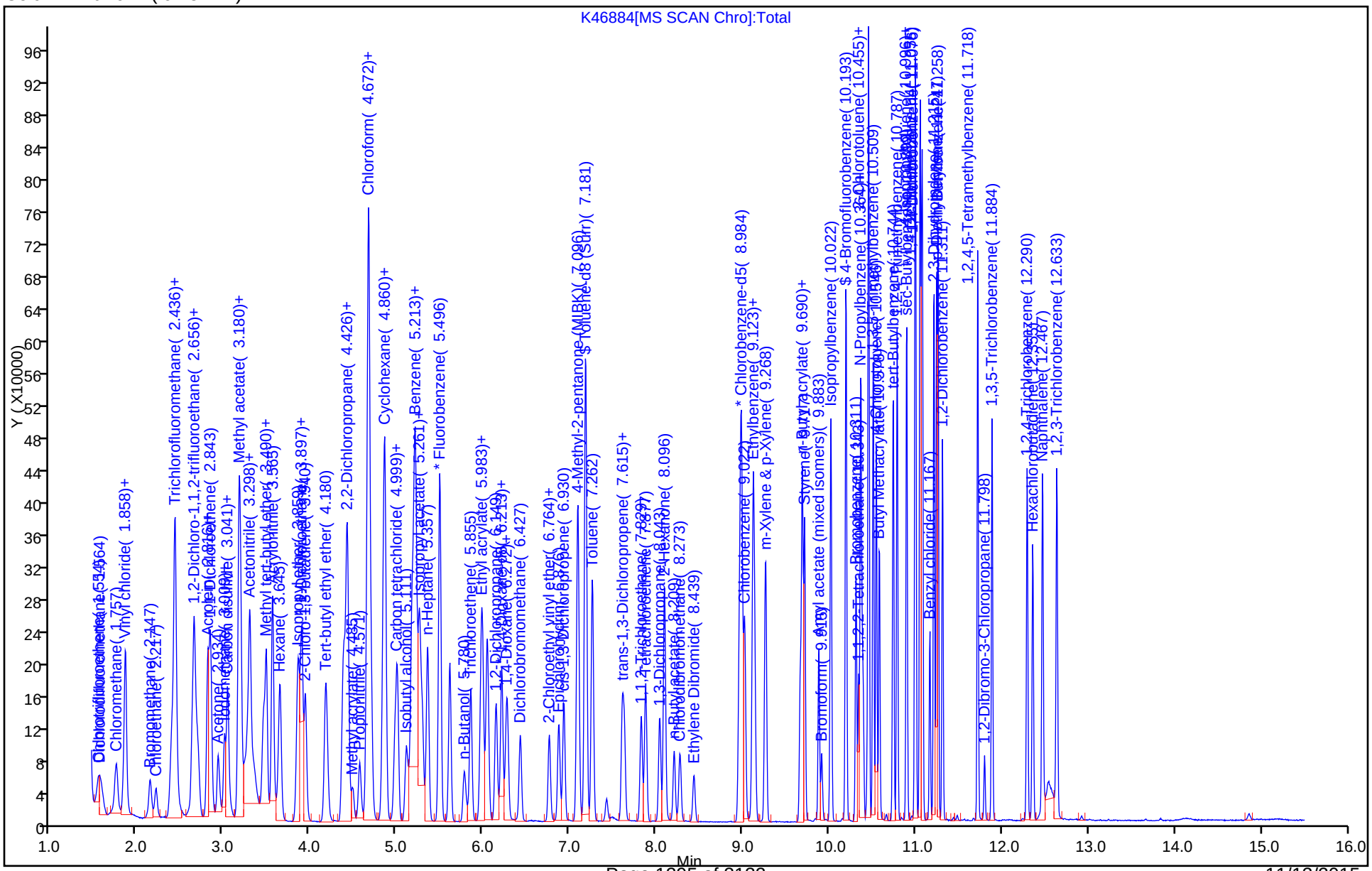
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334450/4

Matrix: Solid | Lab File ID: K46910.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.6		1.0	0.38
74-83-9	Bromomethane	21.3		1.0	0.32
75-01-4	Vinyl chloride	19.3		1.0	0.39
75-00-3	Chloroethane	22.4		1.0	0.35
75-09-2	Methylene Chloride	20.6		1.0	0.32
67-64-1	Acetone	122		5.0	1.1
75-15-0	Carbon disulfide	21.1		1.0	0.43
75-69-4	Trichlorofluoromethane	20.7		1.0	0.34
75-35-4	1,1-Dichloroethene	20.9		1.0	0.41
75-34-3	1,1-Dichloroethane	21.1		1.0	0.34
156-60-5	trans-1,2-Dichloroethene	20.9		1.0	0.39
156-59-2	cis-1,2-Dichloroethene	20.7		1.0	0.22
67-66-3	Chloroform	20.6		1.0	0.21
78-93-3	2-Butanone	112		5.0	0.77
107-06-2	1,2-Dichloroethane	19.0		1.0	0.11
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.38
56-23-5	Carbon tetrachloride	20.7		1.0	0.43
71-43-2	Benzene	20.1		1.0	0.20
75-25-2	Bromoform	18.5		1.0	0.13
100-42-5	Styrene	20.1		1.0	0.15
100-41-4	Ethylbenzene	19.8		1.0	0.18
108-90-7	Chlorobenzene	19.9		1.0	0.14
110-82-7	Cyclohexane	22.5		1.0	0.46
98-82-8	Isopropylbenzene	20.5		1.0	0.17
591-78-6	2-Hexanone	108		5.0	0.94
1634-04-4	MTBE	21.1		1.0	0.17
76-13-1	Freon TF	22.4		1.0	0.44
79-20-9	Methyl acetate	101		5.0	0.90
123-91-1	1,4-Dioxane	483		20	6.4
79-01-6	Trichloroethene	20.0		1.0	0.26
108-88-3	Toluene	19.9		1.0	0.19
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	103		5.0	2.2
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.9		1.0	0.14
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334450/4

Matrix: Solid | Lab File ID: K46910.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 22:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334450 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	20.1		1.0	0.13
120-82-1	1,2,4-Trichlorobenzene	20.2		1.0	0.32
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.11
78-87-5	1,2-Dichloropropane	20.1		1.0	0.17
108-87-2	Methylcyclohexane	22.3		1.0	0.50
127-18-4	Tetrachloroethene	20.6		1.0	0.28
1330-20-7	Xylenes, Total	40.1		2.0	0.11
96-12-8	1,2-Dibromo-3-Chloropropane	18.4		1.0	0.47
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.17
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.28
124-48-1	Dibromochloromethane	19.4		1.0	0.15
106-93-4	1,2-Dibromoethane	19.5		1.0	0.12
75-71-8	Dichlorodifluoromethane	20.4		1.0	0.32
74-97-5	Bromochloromethane	20.8		1.0	0.17
75-27-4	Bromodichloromethane	19.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		78-135
2037-26-5	Toluene-d8 (Surr)	100		73-121
460-00-4	Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	100		61-149

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46910.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 22:54:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0034066-004
Operator ID: Instrument ID: CVOAMS9

Method: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\8260S9.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 12:04:08 Calib Date: 06-Nov-2015 08:33:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS9\20151106-33885.b\K46734.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: XAWRK001

First Level Reviewer: starzecm Date: 11-Nov-2015 00:09:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	1.537	1.548	-0.011	93	16789	20.0	20.8	
2 Dichlorodifluoromethane	85	1.569	1.575	-0.006	99	100420	20.0	20.4	
3 Chloromethane	50	1.751	1.746	0.005	99	104650	20.0	18.6	
4 Vinyl chloride	62	1.848	1.848	0.000	71	96593	20.0	19.3	
5 Butadiene	54	1.858	1.853	0.005	97	78725	20.0	18.8	
6 Bromomethane	94	2.147	2.142	0.005	98	51214	20.0	21.3	
7 Chloroethane	64	2.211	2.212	-0.001	100	40021	20.0	22.4	
9 Trichlorofluoromethane	101	2.393	2.394	-0.001	99	106030	20.0	20.7	
8 Dichlorofluoromethane	67	2.404	2.399	0.005	98	154184	20.0	21.2	
10 Pentane	72	2.436	2.431	0.005	97	24132	40.0	43.0	
11 Ethanol	46	2.639	2.624	0.015	77	15997	800.0	919.7	M
12 Ethyl ether	59	2.629	2.629	0.000	91	52949	20.0	20.5	
13 2-Methyl-1,3-butadiene	53	2.655	2.656	-0.001	96	68762	20.0	22.1	
14 1,2-Dichloro-1,1,2-trifluo	117	2.682	2.682	0.000	97	57645	20.0	21.8	
15 Acrolein	56	2.811	2.811	0.000	97	128015	300.0	252.5	
16 1,1,2-Trichloro-1,2,2-trif	101	2.827	2.827	0.000	96	79988	20.0	22.4	
17 1,1-Dichloroethene	96	2.848	2.848	0.000	95	61631	20.0	20.9	
18 Acetone	43	2.934	2.934	0.000	85	143691	100.0	121.9	
19 Iodomethane	142	3.003	3.003	0.000	98	117615	20.0	21.2	
20 Isopropyl alcohol	45	3.014	3.014	0.000	1	53327	200.0	217.1	
21 Carbon disulfide	76	3.041	3.041	0.000	99	250987	20.0	21.1	
22 3-Chloro-1-propene	76	3.169	3.169	0.000	97	38960	20.0	20.4	
23 Methyl acetate	43	3.174	3.180	-0.006	99	297901	100.0	100.7	
24 Cyclopentene	67	3.190	3.191	-0.001	89	186900	20.0	22.4	
25 Acetonitrile	41	3.239	3.239	0.000	97	135260	200.0	228.8	
* 26 TBA-d9 (IS)	65	3.287	3.292	-0.005	100	295213	1000.0	1000.0	
27 Methylene Chloride	84	3.297	3.298	-0.001	99	72785	20.0	20.6	
28 2-Methyl-2-propanol	59	3.346	3.367	-0.021	98	83652	200.0	214.7	
29 Methyl tert-butyl ether	73	3.458	3.458	0.000	98	193229	20.0	21.1	
30 trans-1,2-Dichloroethene	96	3.490	3.490	0.000	98	65663	20.0	20.9	
31 Acrylonitrile	53	3.560	3.565	-0.005	94	253667	200.0	206.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.645	3.645	0.000	94	78463	20.0	22.8	
34 Isopropyl ether	45	3.854	3.854	0.000	97	257735	20.0	21.5	
35 1,1-Dichloroethane	63	3.897	3.897	0.000	99	135012	20.0	21.1	
36 Vinyl acetate	43	3.902	3.897	0.005	100	265093	40.0	44.2	
37 2-Chloro-1,3-butadiene	88	3.945	3.945	0.000	92	60587	20.0	21.8	
38 Tert-butyl ethyl ether	59	4.175	4.180	-0.005	87	216897	20.0	21.0	
* 39 2-Butanone-d5	46	4.378	4.378	0.000	96	249907	250.0	250.0	
40 2,2-Dichloropropane	79	4.399	4.400	-0.001	96	35124	20.0	20.3	
41 cis-1,2-Dichloroethene	96	4.421	4.421	0.000	92	73590	20.0	20.7	
42 Ethyl acetate	43	4.432	4.432	0.000	92	284482	40.0	44.0	
43 2-Butanone (MEK)	72	4.432	4.432	0.000	96	39451	100.0	111.6	
44 Methyl acrylate	55	4.490	4.491	-0.001	99	56950	20.0	20.8	
45 Propionitrile	54	4.571	4.571	0.000	97	101671	200.0	207.6	
66 Tetrahydrofuran	72	4.651	4.651	0.000	61	18057	40.0	43.2	
46 Chlorobromomethane	128	4.656	4.656	0.000	90	34719	20.0	20.8	
47 Methacrylonitrile	67	4.672	4.673	0.000	95	258557	200.0	209.5	
48 Chloroform	83	4.704	4.705	-0.001	98	119189	20.0	20.6	
49 Cyclohexane	56	4.843	4.844	-0.001	96	142688	20.0	22.5	
50 1,1,1-Trichloroethane	97	4.859	4.860	-0.001	95	103932	20.0	20.8	
$ 51 Dibromofluoromethane (Surr	113	4.865	4.865	0.000	0	139965	50.0	50.0	
52 Carbon tetrachloride	117	4.977	4.983	-0.006	97	87409	20.0	20.7	
53 1,1-Dichloropropene	75	5.009	5.010	-0.001	96	95194	20.0	21.0	
54 Isobutyl alcohol	43	5.111	5.117	-0.006	95	85337	500.0	550.5	
55 Benzene	78	5.207	5.207	0.000	96	276005	20.0	20.1	
$ 56 1,2-Dichloroethane-d4 (Sur	65	5.223	5.224	-0.001	95	141099	50.0	46.9	
57 Isopropyl acetate	43	5.255	5.256	-0.001	95	195539	20.0	20.5	
58 Tert-amyl methyl ether	73	5.266	5.261	0.005	95	205369	20.0	20.7	
59 1,2-Dichloroethane	62	5.298	5.298	0.000	95	84256	20.0	19.0	
60 n-Heptane	57	5.357	5.357	0.000	97	66076	20.0	22.2	
* 61 Fluorobenzene	96	5.496	5.496	0.000	99	463288	50.0	50.0	
63 n-Butanol	56	5.780	5.780	0.000	92	51762	500.0	464.4	
64 Trichloroethene	95	5.855	5.855	0.000	98	64475	20.0	20.0	
65 Ethyl acrylate	55	5.983	5.978	0.005	98	188535	20.0	21.4	
67 Methylcyclohexane	83	5.988	5.989	-0.001	95	132526	20.0	22.3	
68 1,2-Dichloropropane	63	6.143	6.149	-0.006	91	72392	20.0	20.1	
* 69 1,4-Dioxane-d8	96	6.197	6.197	0.000	91	25478	1000.0	1000.0	
70 Methyl methacrylate	41	6.213	6.213	0.000	94	113795	40.0	40.6	
71 1,4-Dioxane	88	6.261	6.256	0.005	27	15861	400.0	483.4	
72 n-Propyl acetate	43	6.266	6.267	-0.001	98	98766	20.0	21.2	
73 Dibromomethane	93	6.283	6.283	-0.001	96	39158	20.0	19.8	
74 Dichlorobromomethane	83	6.427	6.427	0.000	99	82419	20.0	19.8	
76 2-Chloroethyl vinyl ether	63	6.759	6.764	-0.005	73	35195	20.0	20.2	
75 2-Nitropropane	41	6.764	6.764	0.000	80	29264	40.0	35.2	
77 Epichlorohydrin	57	6.876	6.871	0.005	100	121077	400.0	403.3	
78 cis-1,3-Dichloropropene	75	6.930	6.930	0.000	94	100792	20.0	19.6	
79 4-Methyl-2-pentanone (MIBK	43	7.090	7.096	-0.006	98	362873	100.0	103.1	
$ 80 Toluene-d8 (Surr)	98	7.181	7.182	-0.001	99	475020	50.0	49.8	
81 Toluene	91	7.262	7.262	0.000	93	271024	20.0	19.9	
82 trans-1,3-Dichloropropene	75	7.609	7.604	0.005	98	83649	20.0	19.4	
83 Ethyl methacrylate	69	7.631	7.631	0.000	93	67660	20.0	19.1	
84 1,1,2-Trichloroethane	83	7.823	7.823	0.000	95	45428	20.0	19.4	
85 Tetrachloroethene	166	7.877	7.877	0.000	97	64828	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	8.043	8.037	0.006	95	87723	20.0	19.8	
87 2-Hexanone	43	8.096	8.096	0.000	99	248071	100.0	107.5	
88 n-Butyl acetate	43	8.208	8.209	-0.001	98	76775	20.0	19.3	
89 Chlorodibromomethane	129	8.273	8.278	-0.005	98	56530	20.0	19.4	
90 Ethylene Dibromide	107	8.438	8.439	-0.001	99	49819	20.0	19.5	
* 91 Chlorobenzene-d5	117	8.984	8.984	0.000	88	322463	50.0	50.0	
92 Chlorobenzene	112	9.022	9.022	0.000	96	166366	20.0	19.9	
93 Ethylbenzene	106	9.123	9.123	0.000	99	91034	20.0	19.8	
94 1,1,1,2-Tetrachloroethane	131	9.139	9.140	-0.001	94	64202	20.0	20.0	
95 m-Xylene & p-Xylene	106	9.268	9.263	0.005	97	112517	20.0	20.0	
96 n-Butyl acrylate	73	9.669	9.664	0.005	95	39035	20.0	19.1	
97 o-Xylene	106	9.690	9.691	-0.001	93	120328	20.0	20.2	
98 Styrene	104	9.717	9.717	0.000	95	174063	20.0	20.1	
99 Amyl acetate (mixed isomer	43	9.883	9.883	0.000	88	116427	20.0	19.9	
100 Bromoform	173	9.915	9.915	0.000	95	32997	20.0	18.5	
101 Isopropylbenzene	105	10.022	10.022	0.000	96	316156	20.0	20.5	
$ 102 4-Bromofluorobenzene	174	10.198	10.193	0.005	92	158295	50.0	50.6	
104 Bromobenzene	156	10.311	10.311	0.000	98	69572	20.0	19.8	
105 1,1,2,2-Tetrachloroethane	83	10.343	10.343	0.000	98	74526	20.0	18.9	
106 N-Propylbenzene	91	10.364	10.365	-0.001	99	371367	20.0	20.3	
107 1,2,3-Trichloropropane	110	10.386	10.386	0.000	96	17853	20.0	19.0	
108 trans-1,4-Dichloro-2-buten	53	10.396	10.397	-0.001	89	20399	20.0	19.3	
109 2-Chlorotoluene	91	10.455	10.456	-0.001	97	245547	20.0	20.0	
110 4-Ethyltoluene	105	10.461	10.456	0.005	98	304684	20.0	21.0	
111 1,3,5-Trimethylbenzene	105	10.509	10.509	0.000	93	266582	20.0	20.6	
112 4-Chlorotoluene	91	10.546	10.546	0.000	98	210279	20.0	20.1	
113 Butyl Methacrylate	87	10.584	10.584	0.000	95	77315	20.0	19.8	
114 tert-Butylbenzene	119	10.744	10.739	0.005	93	219678	20.0	21.3	
115 1,2,4-Trimethylbenzene	105	10.787	10.787	0.000	98	269595	20.0	20.4	
116 sec-Butylbenzene	105	10.899	10.900	-0.001	99	363420	20.0	21.4	
117 4-Isopropyltoluene	119	10.996	10.996	0.000	98	305172	20.0	21.4	
118 1,3-Dichlorobenzene	146	11.001	11.001	0.000	97	137392	20.0	20.2	
* 119 1,4-Dichlorobenzene-d4	152	11.054	11.055	-0.001	95	168929	50.0	50.0	
120 1,4-Dichlorobenzene	146	11.070	11.071	-0.001	95	136552	20.0	20.1	
121 Benzyl chloride	91	11.167	11.167	0.000	98	123285	20.0	18.7	
122 2,3-Dihydroindene	117	11.215	11.210	0.005	94	268746	20.0	20.1	
123 p-Diethylbenzene	119	11.242	11.242	0.000	93	175836	20.0	21.0	
124 n-Butylbenzene	91	11.258	11.258	0.000	97	353793	20.0	20.9	
125 1,2-Dichlorobenzene	146	11.311	11.311	0.000	96	137828	20.0	19.9	
126 1,2,4,5-Tetramethylbenzene	119	11.718	11.718	0.000	97	294484	20.0	20.6	
127 1,2-Dibromo-3-Chloropropan	75	11.798	11.798	0.000	95	14040	20.0	18.4	
128 1,3,5-Trichlorobenzene	180	11.884	11.884	0.000	97	123803	20.0	20.5	
130 1,2,4-Trichlorobenzene	180	12.290	12.290	0.000	94	117252	20.0	20.2	
131 Hexachlorobutadiene	225	12.354	12.355	-0.001	94	58863	20.0	21.3	
132 Naphthalene	128	12.467	12.467	0.000	99	283138	20.0	20.9	
133 1,2,3-Trichlorobenzene	180	12.633	12.633	0.000	95	117028	20.0	21.6	
S 134 1,2-Dichloroethene, Total	100				0		40.0	41.6	
S 135 Xylenes, Total	100				0		40.0	40.1	
S 136 Total BTEX	1				0		100.0	100.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	2.00	Units: uL	
ACROLEIN W_00044	Amount Added:	3.00	Units: uL	
8260SURR250_00098	Amount Added:	1.00	Units: uL	Run Reagent
8260ISNEW_00038	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 12:04:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS9\20151110-34066.b\K46910.D

Injection Date: 10-Nov-2015 22:54:30 Instrument ID: CVOAMS9 Operator ID:

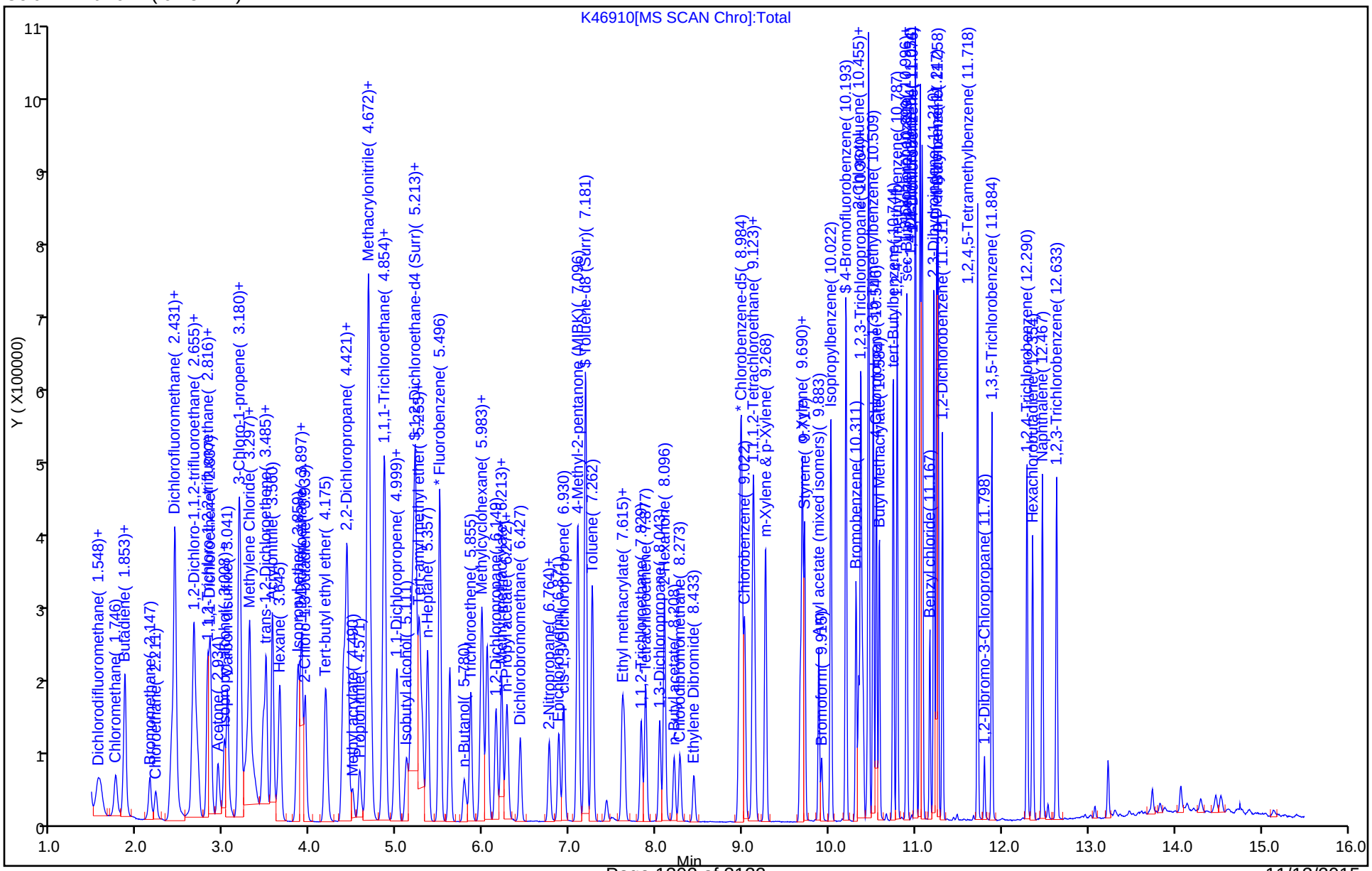
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S9 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334459/4

Matrix: Water | Lab File ID: O03987.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.7		1.0	0.22
74-83-9	Bromomethane	20.0		1.0	0.18
75-01-4	Vinyl chloride	16.9		1.0	0.060
75-00-3	Chloroethane	18.7		1.0	0.37
75-09-2	Methylene Chloride	19.8		1.0	0.21
67-64-1	Acetone	85.7		5.0	1.1
75-15-0	Carbon disulfide	21.1		1.0	0.22
75-69-4	Trichlorofluoromethane	18.0		1.0	0.15
75-35-4	1,1-Dichloroethene	20.4		1.0	0.34
75-34-3	1,1-Dichloroethane	20.4		1.0	0.24
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.18
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.26
67-66-3	Chloroform	20.5		1.0	0.22
78-93-3	2-Butanone	94.1		5.0	2.2
107-06-2	1,2-Dichloroethane	19.8		1.0	0.25
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.28
56-23-5	Carbon tetrachloride	21.2		1.0	0.33
71-43-2	Benzene	20.1		1.0	0.090
75-25-2	Bromoform	19.1		1.0	0.18
100-42-5	Styrene	19.9		1.0	0.17
100-41-4	Ethylbenzene	20.3		1.0	0.30
108-90-7	Chlorobenzene	19.8		1.0	0.24
110-82-7	Cyclohexane	19.1		1.0	0.26
98-82-8	Isopropylbenzene	20.6		1.0	0.32
591-78-6	2-Hexanone	102		5.0	0.72
1634-04-4	MTBE	20.6		1.0	0.13
76-13-1	Freon TF	19.2		1.0	0.34
79-20-9	Methyl acetate	88.0		5.0	0.58
123-91-1	1,4-Dioxane	385		50	8.7
79-01-6	Trichloroethene	20.3		1.0	0.22
108-88-3	Toluene	20.1		1.0	0.25
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.19
108-10-1	4-Methyl-2-pentanone	103		5.0	0.63
10061-01-5	cis-1,3-Dichloropropene	19.6		1.0	0.16
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.22
541-73-1	1,3-Dichlorobenzene	19.1		1.0	0.33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334459/4

Matrix: Water | Lab File ID: O03987.D

Analysis Method: 8260C | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/10/2015 21:37

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 334459 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.2		1.0	0.33
120-82-1	1,2,4-Trichlorobenzene	18.9		1.0	0.27
87-61-6	1,2,3-Trichlorobenzene	19.2		1.0	0.35
78-87-5	1,2-Dichloropropane	20.3		1.0	0.18
108-87-2	Methylcyclohexane	18.5		1.0	0.22
127-18-4	Tetrachloroethene	20.4		1.0	0.12
1330-20-7	Xylenes, Total	40.1		2.0	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	22.2		1.0	0.23
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.0	0.19
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.080
124-48-1	Dibromochloromethane	19.5		1.0	0.22
106-93-4	1,2-Dibromoethane	20.2		1.0	0.19
75-71-8	Dichlorodifluoromethane	15.3		1.0	0.14
74-97-5	Bromochloromethane	21.0		1.0	0.30
75-27-4	Bromodichloromethane	20.4		1.0	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-137
2037-26-5	Toluene-d8 (Surr)	97		74-120
460-00-4	Bromofluorobenzene	102		70-131
1868-53-7	Dibromofluoromethane (Surr)	97		72-136

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03987.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Nov-2015 21:37:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0034068-004
Operator ID: Instrument ID: CVOAMS12

Method: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Nov-2015 16:23:59 Calib Date: 09-Nov-2015 21:40:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CVOAMS12\20151109-34002.b\O03954.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: delpolitov Date: 11-Nov-2015 16:23:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	66	0.961	0.961	0.000	90	9025	20.0	19.2	
2 Dichlorodifluoromethane	85	0.979	0.985	-0.006	99	59958	20.0	15.3	
4 Chloromethane	50	1.137	1.138	-0.001	99	60763	20.0	16.7	
3 Vinyl chloride	62	1.149	1.150	-0.001	98	66667	20.0	16.9	
5 Butadiene	54	1.174	1.174	0.000	97	58082	20.0	17.2	
7 Bromomethane	94	1.338	1.344	-0.006	98	32054	20.0	20.0	
8 Chloroethane	64	1.399	1.399	0.000	100	46239	20.0	18.7	
11 Dichlorofluoromethane	67	1.514	1.521	-0.007	98	112260	20.0	19.0	
10 Trichlorofluoromethane	101	1.551	1.551	0.000	98	73542	20.0	18.0	
9 Pentane	72	1.600	1.600	0.000	96	21078	40.0	39.5	
14 Ethanol	46	1.673	1.679	-0.006	51	17416	800.0	672.6	
13 Ethyl ether	59	1.727	1.728	-0.001	97	57199	20.0	20.0	
12 2-Methyl-1,3-butadiene	67	1.740	1.740	0.000	98	153130	20.0	21.3	
15 1,2-Dichloro-1,1,2-trifluo	67	1.740	1.740	0.000	88	153130	20.0	21.3	
21 Acrolein	56	1.800	1.807	-0.007	96	29765	40.0	36.5	
16 1,1-Dichloroethene	96	1.867	1.868	-0.001	96	48712	20.0	20.4	
18 1,1,2-Trichloro-1,2,2-trif	101	1.873	1.874	-0.001	97	46086	20.0	19.2	
25 Acetone	58	1.898	1.904	-0.006	86	35816	100.0	85.7	
19 Iodomethane	142	1.959	1.965	-0.006	97	31754	20.0	16.0	
23 Isopropyl alcohol	45	1.995	2.001	-0.006	99	49173	200.0	187.0	
17 Carbon disulfide	76	2.001	2.007	-0.006	100	150002	20.0	21.1	
32 Acetonitrile	41	2.099	2.099	-0.001	86	184181	200.0	184.9	
22 3-Chloro-1-propene	76	2.099	2.099	-0.001	90	49459	20.0	12.3	
27 Methyl acetate	74	2.117	2.117	0.000	100	72350	100.0	88.0	
20 Cyclopentene	67	2.153	2.153	0.000	96	147095	20.0	20.8	
24 Methylene Chloride	84	2.178	2.178	0.000	95	57662	20.0	19.8	M
* 30 TBA-d9 (IS)	65	2.208	2.214	-0.006	98	374759	1000.0	1000.0	
31 2-Methyl-2-propanol	59	2.269	2.269	0.000	99	73471	200.0	178.4	
37 Acrylonitrile	53	2.342	2.348	-0.006	94	273158	200.0	223.5	
26 trans-1,2-Dichloroethene	96	2.366	2.366	0.000	96	55540	20.0	19.7	
29 Methyl tert-butyl ether	73	2.378	2.379	-0.001	98	184620	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
28 Hexane	57	2.573	2.573	0.000	93	69305	20.0	19.1	
36 1,1-Dichloroethane	63	2.670	2.671	-0.001	100	104759	20.0	20.4	
40 Vinyl acetate	86	2.713	2.719	-0.006	100	21870	40.0	49.5	
34 Isopropyl ether	45	2.737	2.737	0.000	89	195993	20.0	19.6	
35 2-Chloro-1,3-butadiene	88	2.743	2.744	-0.001	92	53321	20.0	19.6	
39 Tert-butyl ethyl ether	59	3.023	3.023	0.000	89	184726	20.0	19.8	
* 52 2-Butanone-d5	46	3.090	3.096	-0.006	0	371117	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.127	3.127	0.000	92	61224	20.0	19.7	
42 2,2-Dichloropropane	97	3.127	3.127	0.000	71	17904	20.0	20.0	
53 2-Butanone (MEK)	72	3.139	3.145	-0.006	100	45981	100.0	94.1	
58 Propionitrile	54	3.187	3.188	-0.001	97	108240	200.0	177.3	
47 Ethyl acetate	70	3.200	3.206	-0.006	100	11765	40.0	37.8	
48 Methyl acrylate	55	3.230	3.230	0.000	100	68588	20.0	19.7	
59 Methacrylonitrile	67	3.315	3.315	0.000	92	316511	200.0	211.1	
44 Chlorobromomethane	128	3.321	3.322	-0.001	94	28346	20.0	21.0	
49 Tetrahydrofuran	42	3.370	3.370	0.000	93	46343	40.0	39.6	
45 Chloroform	83	3.394	3.395	0.000	97	95752	20.0	20.5	
$ 50 Dibromofluoromethane (Surr	113	3.534	3.534	0.000	97	123028	50.0	48.7	
51 1,1,1-Trichloroethane	97	3.552	3.559	-0.007	98	75988	20.0	20.9	
43 Cyclohexane	56	3.607	3.607	0.000	92	91260	20.0	19.1	
54 1,1-Dichloropropene	75	3.705	3.705	0.000	92	77829	20.0	21.1	
46 Carbon tetrachloride	117	3.705	3.705	0.000	76	59852	20.0	21.2	
$ 60 1,2-Dichloroethane-d4 (Sur	65	3.838	3.839	-0.001	97	161710	50.0	48.9	
63 Isobutyl alcohol	43	3.851	3.851	0.000	95	76750	500.0	483.6	
56 Benzene	78	3.893	3.893	0.000	96	234104	20.0	20.1	
62 1,2-Dichloroethane	62	3.905	3.906	-0.001	98	82382	20.0	19.8	
55 Isooctane	57	3.997	3.997	0.000	98	134276	20.0	20.3	
66 Isopropyl acetate	43	3.997	3.997	0.000	98	218293	20.0	20.8	
61 Tert-amyl methyl ether	73	4.027	4.027	0.000	99	175389	20.0	19.9	
* 64 Fluorobenzene	96	4.167	4.167	0.000	98	481353	50.0	50.0	
57 n-Heptane	43	4.185	4.185	0.000	93	57317	20.0	18.8	
70 n-Butanol	56	4.520	4.520	0.000	90	47731	500.0	449.0	
68 Trichloroethene	95	4.538	4.538	0.000	98	55614	20.0	20.3	
73 Ethyl acrylate	55	4.690	4.690	0.000	98	89574	20.0	21.4	
67 Methylcyclohexane	83	4.745	4.745	0.000	96	80614	20.0	18.5	
71 1,2-Dichloropropane	63	4.769	4.769	0.000	93	60636	20.0	20.3	
* 74 1,4-Dioxane-d8	96	4.885	4.885	0.000	94	41408	1000.0	1000.0	
69 Dibromomethane	93	4.891	4.891	0.000	98	36035	20.0	20.8	
76 1,4-Dioxane	88	4.940	4.940	0.000	30	17840	400.0	385.3	
75 Methyl methacrylate	100	4.946	4.946	0.000	90	36513	40.0	40.9	
77 n-Propyl acetate	43	5.031	5.031	0.000	98	100514	20.0	21.4	
72 Dichlorobromomethane	83	5.086	5.086	0.000	99	69918	20.0	20.4	
83 2-Nitropropane	41	5.353	5.353	0.000	99	33030	40.0	41.6	
78 2-Chloroethyl vinyl ether	63	5.469	5.469	0.000	95	44342	20.0	20.9	
82 Epichlorohydrin	57	5.517	5.518	-0.001	99	147723	400.0	428.0	
79 cis-1,3-Dichloropropene	75	5.621	5.621	0.000	96	93583	20.0	19.6	
85 4-Methyl-2-pentanone (MIBK	43	5.840	5.840	0.000	97	346424	100.0	102.6	
$ 80 Toluene-d8 (Surr)	98	5.943	5.944	-0.001	99	523771	50.0	48.6	
81 Toluene	91	6.028	6.023	0.005	93	238696	20.0	20.1	
86 trans-1,3-Dichloropropene	75	6.333	6.327	0.006	98	83321	20.0	19.6	
88 Ethyl methacrylate	69	6.509	6.509	0.000	89	81254	20.0	20.9	
87 1,1,2-Trichloroethane	83	6.558	6.558	0.000	94	45081	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	6.728	6.728	0.000	96	51987	20.0	20.4	
90 1,3-Dichloropropane	76	6.771	6.771	0.000	95	95313	20.0	20.6	
93 2-Hexanone	43	6.947	6.947	0.000	96	244588	100.0	102.2	
89 Chlorodibromomethane	129	7.069	7.069	0.000	98	49679	20.0	19.5	
92 n-Butyl acetate	43	7.172	7.172	0.000	99	78087	20.0	20.7	
91 Ethylene Dibromide	107	7.197	7.197	0.000	98	53759	20.0	20.2	
* 94 Chlorobenzene-d5	117	7.884	7.884	0.000	88	400748	50.0	50.0	
95 Chlorobenzene	112	7.927	7.927	0.000	93	146443	20.0	19.8	
97 1,1,1,2-Tetrachloroethane	131	8.066	8.067	-0.001	94	46050	20.0	19.4	
96 Ethylbenzene	106	8.133	8.134	-0.001	99	77312	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.316	8.316	0.000	97	94216	20.0	20.0	
99 o-Xylene	106	8.906	8.906	0.000	93	94707	20.0	20.1	
101 Styrene	104	8.936	8.937	-0.001	95	161203	20.0	19.9	
102 n-Butyl acrylate	73	8.985	8.985	0.000	99	45858	20.0	20.1	
100 Bromoform	173	9.162	9.162	0.000	96	31448	20.0	19.1	
105 Amyl acetate (mixed isomer	43	9.374	9.375	-0.001	92	111274	20.0	20.7	
103 Isopropylbenzene	105	9.514	9.515	-0.001	97	226053	20.0	20.6	
$ 106 4-Bromofluorobenzene	174	9.721	9.721	0.000	88	159224	50.0	50.8	
107 Bromobenzene	156	9.910	9.910	0.000	97	60270	20.0	19.4	
109 1,1,2,2-Tetrachloroethane	83	10.025	10.020	0.005	98	74805	20.0	21.3	
112 1,2,3-Trichloropropane	110	10.044	10.044	0.000	98	21338	20.0	21.4	
114 trans-1,4-Dichloro-2-buten	53	10.123	10.117	0.006	87	22519	20.0	21.1	
108 N-Propylbenzene	91	10.184	10.184	0.000	99	278798	20.0	21.1	
110 2-Chlorotoluene	91	10.263	10.263	0.000	97	168681	20.0	20.3	
111 4-Ethyltoluene	105	10.384	10.385	-0.001	99	230682	20.0	19.4	
115 4-Chlorotoluene	91	10.451	10.451	0.000	98	181751	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	10.506	10.500	0.006	92	194009	20.0	20.6	
118 Butyl Methacrylate	87	10.780	10.780	0.000	93	73142	20.0	19.7	
116 tert-Butylbenzene	119	11.023	11.023	0.000	93	154498	20.0	20.6	
117 1,2,4-Trimethylbenzene	105	11.102	11.102	0.000	98	199605	20.0	20.3	
119 sec-Butylbenzene	105	11.370	11.370	0.000	98	228228	20.0	21.0	
120 1,3-Dichlorobenzene	146	11.455	11.455	0.000	94	110539	20.0	19.1	
* 122 1,4-Dichlorobenzene-d4	152	11.558	11.559	-0.001	97	215526	50.0	50.0	
123 1,4-Dichlorobenzene	146	11.589	11.589	0.000	95	114602	20.0	19.2	
121 4-Isopropyltoluene	119	11.601	11.601	0.000	97	197586	20.0	20.2	
125 Benzyl chloride	126	11.796	11.796	0.000	98	23823	20.0	19.1	
124 2,3-Dihydroindene	117	11.923	11.918	0.005	94	211904	20.0	19.2	
128 1,2-Dichlorobenzene	146	12.045	12.045	0.000	94	110669	20.0	19.7	
126 p-Diethylbenzene	119	12.094	12.094	0.000	93	114999	20.0	19.1	
127 n-Butylbenzene	91	12.118	12.118	0.000	97	218029	20.0	20.2	
130 1,2-Dibromo-3-Chloropropan	75	12.903	12.903	0.000	93	15871	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	12.927	12.927	0.000	97	189248	20.0	19.7	
131 1,3,5-Trichlorobenzene	180	13.122	13.116	0.006	97	79425	20.0	18.1	
132 1,2,4-Trichlorobenzene	180	13.669	13.670	-0.001	93	76316	20.0	18.9	
133 Hexachlorobutadiene	225	13.846	13.846	0.000	95	26638	20.0	20.3	
135 Naphthalene	128	13.864	13.864	0.000	99	215027	20.0	21.2	
136 1,2,3-Trichlorobenzene	180	14.071	14.071	0.000	95	72636	20.0	19.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 138 Xylenes, Total	100				0		40.0	40.1	
S 139 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00126	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00029	Amount Added:	20.00	Units: uL	
ACROLEIN W_00044	Amount Added:	4.00	Units: uL	
8260ISNEW_00036	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00095	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 16:24:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03987.D

Injection Date: 10-Nov-2015 21:37:30 Instrument ID: CVOAMS12 Operator ID:

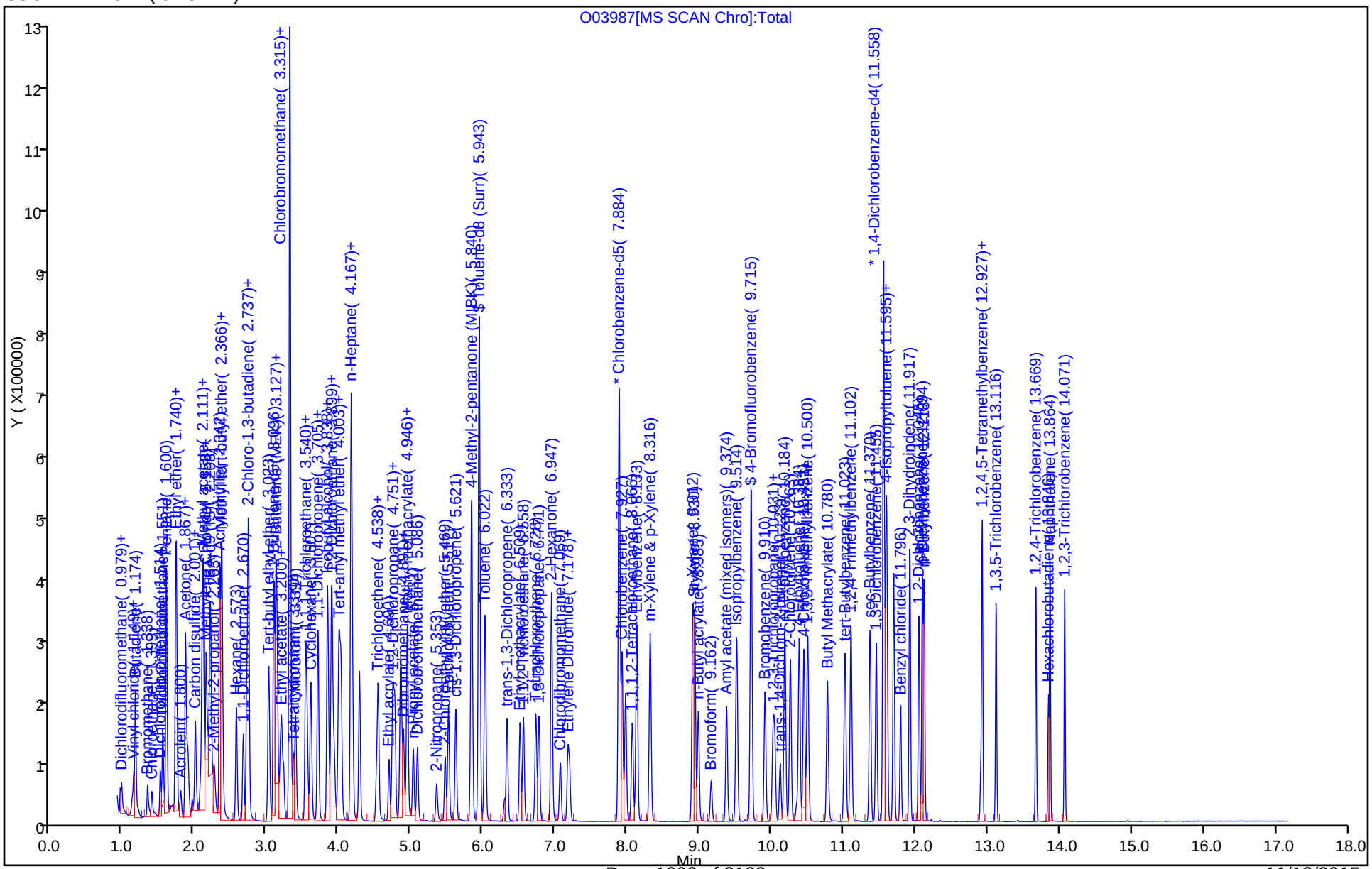
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

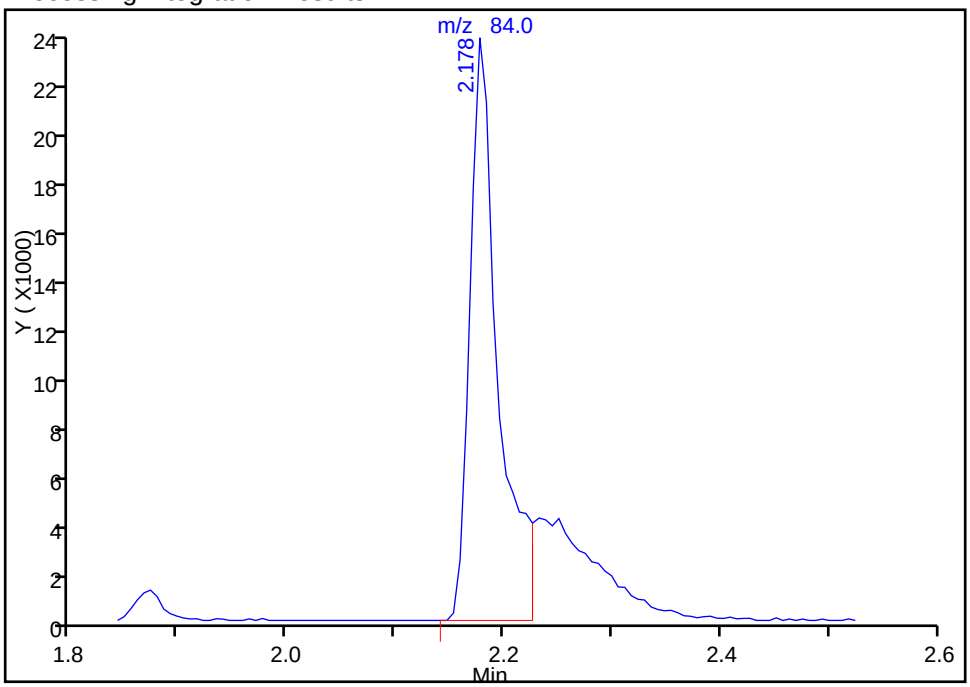
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CVOAMS12\20151110-34068.b\O03987.D
Injection Date: 10-Nov-2015 21:37:30 Instrument ID: CVOAMS12
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Methylene Chloride, CAS: 75-09-2

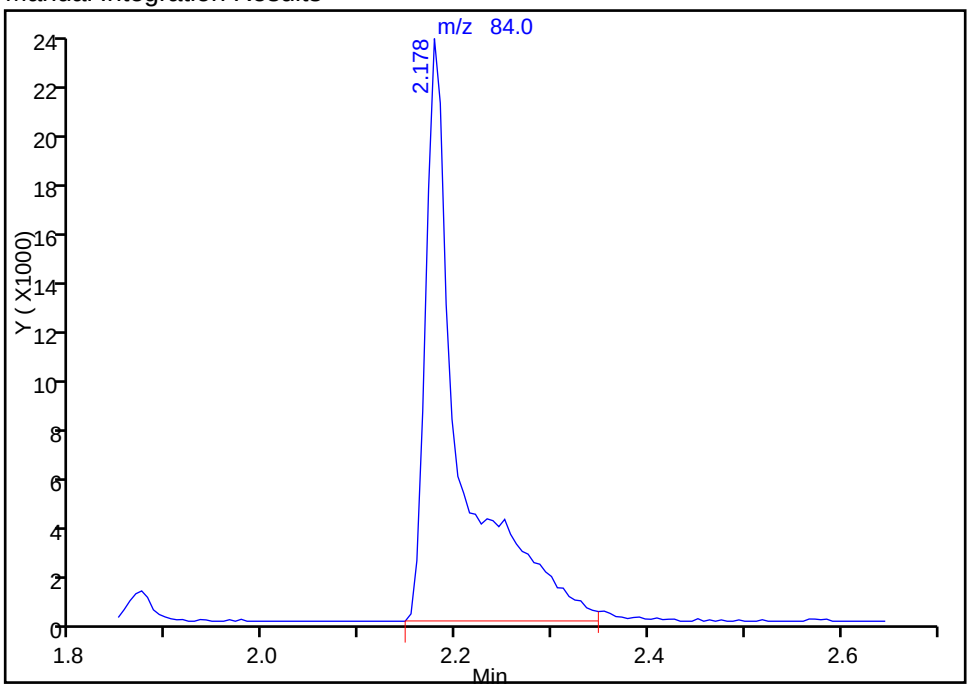
Processing Integration Results

RT: 2.18
Area: 42214
Amount: 14.531062
Amount Units: ug/l



Manual Integration Results

RT: 2.18
Area: 57662
Amount: 19.848631
Amount Units: ug/l



Reviewer: delpolitov, 11-Nov-2015 16:23:59
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103960-A-7-A MS

Matrix: Solid | Lab File ID: B89892.D

Analysis Method: 8260C | Date Collected: 11/03/2015 11:50

Sample wt/vol: 5.60(g) | Date Analyzed: 11/12/2015 07:47

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 | Level: (low/med) Medium

Analysis Batch No.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2110		100	22
74-83-9	Bromomethane	2000		100	18
75-01-4	Vinyl chloride	1920		100	20
75-00-3	Chloroethane	1780		100	37
75-09-2	Methylene Chloride	1980		100	21
67-64-1	Acetone	9260		500	110
75-15-0	Carbon disulfide	1690		100	22
75-69-4	Trichlorofluoromethane	1700		100	15
75-35-4	1,1-Dichloroethene	1680		100	34
75-34-3	1,1-Dichloroethane	1950		100	24
156-60-5	trans-1,2-Dichloroethene	1730		100	18
156-59-2	cis-1,2-Dichloroethene	2200		100	26
67-66-3	Chloroform	1820		100	22
78-93-3	2-Butanone	7400		500	220
107-06-2	1,2-Dichloroethane	1590		100	25
71-55-6	1,1,1-Trichloroethane	1540		100	28
56-23-5	Carbon tetrachloride	1560		100	33
71-43-2	Benzene	1920		100	19
75-25-2	Bromoform	1660		100	18
100-42-5	Styrene	1780		100	17
100-41-4	Ethylbenzene	1790		100	30
108-90-7	Chlorobenzene	1800		100	24
110-82-7	Cyclohexane	1610		100	26
98-82-8	Isopropylbenzene	1750		100	32
591-78-6	2-Hexanone	8640		500	72
1634-04-4	MTBE	1740		100	13
76-13-1	Freon TF	1370		100	34
79-20-9	Methyl acetate	11300		500	58
123-91-1	1,4-Dioxane	38500		2500	870
79-01-6	Trichloroethene	2370		100	22
108-88-3	Toluene	2030		100	25
10061-02-6	trans-1,3-Dichloropropene	1750		100	19
108-10-1	4-Methyl-2-pentanone	8630		500	63
10061-01-5	cis-1,3-Dichloropropene	1780		100	16
95-50-1	1,2-Dichlorobenzene	1810		100	22
541-73-1	1,3-Dichlorobenzene	1720		100	33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103960-A-7-A MS

Matrix: Solid | Lab File ID: B89892.D

Analysis Method: 8260C | Date Collected: 11/03/2015 11:50

Sample wt/vol: 5.60(g) | Date Analyzed: 11/12/2015 07:47

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 | Level: (low/med) Medium

Analysis Batch No.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1750		100	33
120-82-1	1,2,4-Trichlorobenzene	1620		100	27
87-61-6	1,2,3-Trichlorobenzene	1500		100	35
78-87-5	1,2-Dichloropropane	1950		100	18
108-87-2	Methylcyclohexane	1490		100	22
127-18-4	Tetrachloroethene	6790		100	36
1330-20-7	Xylenes, Total	3600		200	28
96-12-8	1,2-Dibromo-3-Chloropropane	1530		100	23
79-34-5	1,1,2,2-Tetrachloroethane	1750		100	19
79-00-5	1,1,2-Trichloroethane	2080		100	8.0
124-48-1	Dibromochloromethane	1710		100	22
106-93-4	1,2-Dibromoethane	1800		100	19
75-71-8	Dichlorodifluoromethane	1600		100	14
74-97-5	Bromochloromethane	1710		100	30
75-27-4	Bromodichloromethane	1620		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		69-145
2037-26-5	Toluene-d8 (Surr)	100		72-136
460-00-4	Bromofluorobenzene	97		64-131
1868-53-7	Dibromofluoromethane (Surr)	102		74-134

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103960-A-7-A MSD

Matrix: Solid | Lab File ID: B89893.D

Analysis Method: 8260C | Date Collected: 11/03/2015 11:50

Sample wt/vol: 5.60(g) | Date Analyzed: 11/12/2015 08:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 | Level: (low/med) Medium

Analysis Batch No.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2290		100	22
74-83-9	Bromomethane	2170		100	18
75-01-4	Vinyl chloride	2090		100	20
75-00-3	Chloroethane	1960		100	37
75-09-2	Methylene Chloride	2150		100	21
67-64-1	Acetone	9760		500	110
75-15-0	Carbon disulfide	1960		100	22
75-69-4	Trichlorofluoromethane	1900		100	15
75-35-4	1,1-Dichloroethene	1940		100	34
75-34-3	1,1-Dichloroethane	2080		100	24
156-60-5	trans-1,2-Dichloroethene	1960		100	18
156-59-2	cis-1,2-Dichloroethene	2350		100	26
67-66-3	Chloroform	2040		100	22
78-93-3	2-Butanone	8760		500	220
107-06-2	1,2-Dichloroethane	1710		100	25
71-55-6	1,1,1-Trichloroethane	1810		100	28
56-23-5	Carbon tetrachloride	1820		100	33
71-43-2	Benzene	2100		100	19
75-25-2	Bromoform	1880		100	18
100-42-5	Styrene	1890		100	17
100-41-4	Ethylbenzene	1890		100	30
108-90-7	Chlorobenzene	1900		100	24
110-82-7	Cyclohexane	1760		100	26
98-82-8	Isopropylbenzene	1970		100	32
591-78-6	2-Hexanone	9480		500	72
1634-04-4	MTBE	1940		100	13
76-13-1	Freon TF	1850		100	34
79-20-9	Methyl acetate	12600		500	58
123-91-1	1,4-Dioxane	71000		2500	870
79-01-6	Trichloroethene	2540		100	22
108-88-3	Toluene	2210		100	25
10061-02-6	trans-1,3-Dichloropropene	1860		100	19
108-10-1	4-Methyl-2-pentanone	8890		500	63
10061-01-5	cis-1,3-Dichloropropene	1980		100	16
95-50-1	1,2-Dichlorobenzene	1980		100	22
541-73-1	1,3-Dichlorobenzene	2000		100	33

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103960-A-7-A MSD

Matrix: Solid | Lab File ID: B89893.D

Analysis Method: 8260C | Date Collected: 11/03/2015 11:50

Sample wt/vol: 5.60(g) | Date Analyzed: 11/12/2015 08:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.7 | Level: (low/med) Medium

Analysis Batch No.: 334781 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1960		100	33
120-82-1	1,2,4-Trichlorobenzene	1970		100	27
87-61-6	1,2,3-Trichlorobenzene	1850		100	35
78-87-5	1,2-Dichloropropane	2050		100	18
108-87-2	Methylcyclohexane	1930		100	22
127-18-4	Tetrachloroethene	7360		100	36
1330-20-7	Xylenes, Total	3770		200	28
96-12-8	1,2-Dibromo-3-Chloropropane	1950		100	23
79-34-5	1,1,2,2-Tetrachloroethane	1880		100	19
79-00-5	1,1,2-Trichloroethane	2250		100	8.0
124-48-1	Dibromochloromethane	1830		100	22
106-93-4	1,2-Dibromoethane	1890		100	19
75-71-8	Dichlorodifluoromethane	1850		100	14
74-97-5	Bromochloromethane	2020		100	30
75-27-4	Bromodichloromethane	1820		100	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		69-145
2037-26-5	Toluene-d8 (Surr)	105		72-136
460-00-4	Bromofluorobenzene	99		64-131
1868-53-7	Dibromofluoromethane (Surr)	104		74-134

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 11/09/2015 13:24

Analysis Batch Number: 334105 End Date: 11/10/2015 01:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334105/1		11/09/2015 13:24	1	O03938.D	DB-624 0.18(mm)
STD7 460-334105/3 IC		11/09/2015 14:17	1	O03940.D	DB-624 0.18(mm)
STD20 460-334105/6 ICIS		11/09/2015 15:39	1	O03943.D	DB-624 0.18(mm)
STD50 460-334105/7 IC		11/09/2015 16:07	1	O03944.D	DB-624 0.18(mm)
STD200 460-334105/8 IC		11/09/2015 16:34	1	O03945.D	DB-624 0.18(mm)
STD500 460-334105/9 IC		11/09/2015 17:02	1	O03946.D	DB-624 0.18(mm)
STD5 460-334105/16 IC		11/09/2015 21:13	1	O03953.D	DB-624 0.18(mm)
STD1 460-334105/17 IC		11/09/2015 21:40	1	O03954.D	DB-624 0.18(mm)
ICV 460-334105/19		11/10/2015 01:03	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 11/10/2015 20:07

Analysis Batch Number: 334459 End Date: 11/11/2015 09:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334459/1		11/10/2015 20:07	1	O03984.D	DB-624 0.18(mm)
CCVIS 460-334459/2		11/10/2015 20:36	1	O03985.D	DB-624 0.18(mm)
LCS 460-334459/3		11/10/2015 21:09	1	O03986.D	DB-624 0.18(mm)
LCSD 460-334459/4		11/10/2015 21:37	1	O03987.D	DB-624 0.18(mm)
MB 460-334459/7		11/10/2015 23:00	1	O03990.D	DB-624 0.18(mm)
ZZZZZ		11/10/2015 23:27	1		DB-624 0.18(mm)
ZZZZZ		11/10/2015 23:55	1		DB-624 0.18(mm)
460-104096-37	FB_20151105	11/11/2015 00:22	1	O03993.D	DB-624 0.18(mm)
ZZZZZ		11/11/2015 07:17	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 07:45	1		DB-624 0.18(mm)
ZZZZZ		11/11/2015 09:28	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 10/31/2015 13:01

Analysis Batch Number: 332444 End Date: 10/31/2015 17:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-332444/1		10/31/2015 13:01	1	B89350.D	Rtx-624 0.25(mm)
STD7 460-332444/2 IC		10/31/2015 13:26	1	B89351.D	Rtx-624 0.25(mm)
STD1 460-332444/3 IC		10/31/2015 13:49	1	B89352.D	Rtx-624 0.25(mm)
STD5 460-332444/4 IC		10/31/2015 14:13	1	B89353.D	Rtx-624 0.25(mm)
STD20 460-332444/5 ICIS		10/31/2015 14:37	1	B89354.D	Rtx-624 0.25(mm)
STD50 460-332444/6 IC		10/31/2015 15:01	1	B89355.D	Rtx-624 0.25(mm)
STD200 460-332444/7 IC		10/31/2015 15:25	1	B89356.D	Rtx-624 0.25(mm)
STD500 460-332444/8 IC		10/31/2015 15:49	1	B89357.D	Rtx-624 0.25(mm)
ICV 460-332444/12		10/31/2015 17:25	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/08/2015 07:22

Analysis Batch Number: 333935 End Date: 11/08/2015 18:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-333935/1		11/08/2015 07:22	1	B89699.D	Rtx-624 0.25(mm)
CCVIS 460-333935/2		11/08/2015 07:46	1	B89700.D	Rtx-624 0.25(mm)
LCS 460-333935/3		11/08/2015 08:10	50	B89701.D	Rtx-624 0.25(mm)
LCSD 460-333935/4		11/08/2015 08:34	50	B89702.D	Rtx-624 0.25(mm)
MB 460-333935/7		11/08/2015 10:06	50	B89705.D	Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 10:30	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 10:53	200		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 11:17	500		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 11:41	500		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 12:05	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 12:29	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 12:53	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 13:17	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 13:41	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 14:05	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 14:53	50		Rtx-624 0.25(mm)
ZZZZZ		11/08/2015 15:17	50		Rtx-624 0.25(mm)
460-104096-15	PMP-5-NW2-12.75	11/08/2015 15:42	50	B89719.D	Rtx-624 0.25(mm)
460-104096-20	PMP-7-NW2-DV	11/08/2015 16:06	50	B89720.D	Rtx-624 0.25(mm)
460-104096-21	PMP-7-NW2-5.25	11/08/2015 16:29	50	B89721.D	Rtx-624 0.25(mm)
460-104096-13	PMP-5-NW2-WT	11/08/2015 16:53	50	B89722.D	Rtx-624 0.25(mm)
460-104096-11	PMP-24-NW2-12.75	11/08/2015 17:17	50	B89723.D	Rtx-624 0.25(mm)
460-104096-10	PMP-24-NW2-S	11/08/2015 17:40	50	B89724.D	Rtx-624 0.25(mm)
460-104096-7	PMP-24-NW2-3.75	11/08/2015 18:04	50	B89725.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/09/2015 10:11

Analysis Batch Number: 334020 End Date: 11/09/2015 20:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334020/1		11/09/2015 10:11	1	B89728.D	Rtx-624 0.25(mm)
CCVIS 460-334020/2		11/09/2015 10:37	1	B89729.D	Rtx-624 0.25(mm)
LCS 460-334020/3		11/09/2015 11:01	50	B89730.D	Rtx-624 0.25(mm)
LCSD 460-334020/4		11/09/2015 11:28	50	B89731.D	Rtx-624 0.25(mm)
MB 460-334020/7		11/09/2015 12:51	50	B89734.D	Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 13:15	50		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 13:39	50		Rtx-624 0.25(mm)
460-104096-26	PMP-9-NW2-WT	11/09/2015 14:03	50	B89737.D	Rtx-624 0.25(mm)
460-104096-22	PMP-7-NW2-WT	11/09/2015 15:38	50	B89741.D	Rtx-624 0.25(mm)
460-104096-23	PMP-7-NW2-S	11/09/2015 16:02	50	B89742.D	Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 17:13	100		Rtx-624 0.25(mm)
460-104096-9	PMP-24-NW2-WT	11/09/2015 17:37	500	B89746.D	Rtx-624 0.25(mm)
460-104096-8	PMP-24-NW2-DV	11/09/2015 18:01	1000	B89747.D	Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 18:49	50		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 19:13	50		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 19:38	50		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 20:02	50		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 20:26	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/11/2015 08:48

Analysis Batch Number: 334629 End Date: 11/11/2015 20:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334629/1		11/11/2015 08:48	1	B89838.D	Rtx-624 0.25(mm)
CCVIS 460-334629/3		11/11/2015 09:36	1	B89840.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 10:01	50		Rtx-624 0.25(mm)
LCS 460-334629/5		11/11/2015 10:25	50	B89842.D	Rtx-624 0.25(mm)
MB 460-334629/7		11/11/2015 11:32	50	B89844.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 11:58	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 13:35	50		Rtx-624 0.25(mm)
460-104096-14	PMP-5-NW2-S	11/11/2015 13:59	50	B89850.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 14:47	5000		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 15:11	1000		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 15:35	1000		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 16:23	500		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 18:00	200		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 18:25	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 19:13	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 20:12	50		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 20:36	50		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 11/11/2015 21:30

Analysis Batch Number: 334781 End Date: 11/12/2015 08:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334781/1		11/11/2015 21:30	1	B89868.D	Rtx-624 0.25(mm)
CCVIS 460-334781/2		11/11/2015 21:58	1	B89869.D	Rtx-624 0.25(mm)
LCS 460-334781/3		11/11/2015 22:22	50	B89870.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 22:46	50		Rtx-624 0.25(mm)
MB 460-334781/6		11/11/2015 23:35	50	B89873.D	Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 00:32	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 00:57	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 01:21	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 01:45	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 02:33	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 02:57	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 03:22	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 04:10	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 04:59	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 05:23	50		Rtx-624 0.25(mm)
ZZZZZ		11/12/2015 06:11	500		Rtx-624 0.25(mm)
460-103960-A-7-A MS		11/12/2015 07:47	50	B89892.D	Rtx-624 0.25(mm)
460-103960-A-7-A MSD		11/12/2015 08:11	50	B89893.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 11/06/2015 05:31

Analysis Batch Number: 333587 End Date: 11/06/2015 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-333587/1		11/06/2015 05:31	1	K46727.D	Rtx-624 0.25(mm)
STD1 460-333587/3 IC		11/06/2015 06:23	1	K46729.D	Rtx-624 0.25(mm)
STD5 460-333587/4 IC		11/06/2015 06:49	1	K46730.D	Rtx-624 0.25(mm)
STD20 460-333587/5 ICIS		11/06/2015 07:15	1	K46731.D	Rtx-624 0.25(mm)
STD50 460-333587/6 IC		11/06/2015 07:41	1	K46732.D	Rtx-624 0.25(mm)
STD200 460-333587/7 IC		11/06/2015 08:07	1	K46733.D	Rtx-624 0.25(mm)
STD500 460-333587/8 IC		11/06/2015 08:33	1	K46734.D	Rtx-624 0.25(mm)
ICV 460-333587/12		11/06/2015 10:18	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 10:44	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 11:10	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 12:03	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 12:29	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 12:55	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 13:22	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 14:14	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 15:07	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 15:33	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 15:59	1		Rtx-624 0.25(mm)
ZZZZZ		11/06/2015 16:26	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 11/09/2015 09:51

Analysis Batch Number: 334049 End Date: 11/09/2015 21:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334049/1		11/09/2015 09:51	1	K46829.D	Rtx-624 0.25(mm)
CCVIS 460-334049/3		11/09/2015 10:47	1	K46831.D	Rtx-624 0.25(mm)
LCS 460-334049/4		11/09/2015 11:40	1	K46832.D	Rtx-624 0.25(mm)
LCSD 460-334049/5		11/09/2015 12:06	1	K46833.D	Rtx-624 0.25(mm)
MB 460-334049/7		11/09/2015 13:13	1	K46835.D	Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 13:40	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 14:06	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 14:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 14:58	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 15:24	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 15:50	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 16:16	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 18:02	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 18:28	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 18:53	1		Rtx-624 0.25(mm)
ZZZZZ		11/09/2015 19:19	1		Rtx-624 0.25(mm)
460-104096-29	PRA-25 E-1.75	11/09/2015 19:45	1	K46850.D	Rtx-624 0.25(mm)
460-104096-31	PRA-25 EE-1.75	11/09/2015 20:11	1	K46851.D	Rtx-624 0.25(mm)
460-104096-32	PRA-25 EE-3.75	11/09/2015 20:37	1	K46852.D	Rtx-624 0.25(mm)
460-104096-33	PRA-6 SE-1.75	11/09/2015 21:03	1	K46853.D	Rtx-624 0.25(mm)
460-104096-34	PRA-5 SE-3.75	11/09/2015 21:29	1	K46854.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 11/10/2015 09:26

Analysis Batch Number: 334331 End Date: 11/10/2015 19:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334331/1		11/10/2015 09:26	1	K46881.D	Rtx-624 0.25(mm)
CCVIS 460-334331/2		11/10/2015 10:00	1	K46882.D	Rtx-624 0.25(mm)
LCS 460-334331/3		11/10/2015 10:26	1	K46883.D	Rtx-624 0.25(mm)
LCSD 460-334331/4		11/10/2015 10:53	1	K46884.D	Rtx-624 0.25(mm)
MB 460-334331/6		11/10/2015 11:46	1	K46886.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 12:12	1		Rtx-624 0.25(mm)
460-104096-38	Trip Blank	11/10/2015 12:39	1	K46888.D	Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:05	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:31	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 13:57	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 14:23	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 14:49	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 15:15	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 15:42	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 16:08	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 16:35	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:01	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:27	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 17:53	1		Rtx-624 0.25(mm)
ZZZZZ		11/10/2015 18:20	1		Rtx-624 0.25(mm)
460-104096-24	PMP-7-NW2-12.75	11/10/2015 18:46	1	K46902.D	Rtx-624 0.25(mm)
460-104096-35	PRA-2 NW-3.75	11/10/2015 19:39	1	K46904.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 11/10/2015 21:24

Analysis Batch Number: 334450 End Date: 11/11/2015 08:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-334450/1		11/10/2015 21:24	1	K46907.D	Rtx-624 0.25(mm)
CCVIS 460-334450/2		11/10/2015 22:00	1	K46908.D	Rtx-624 0.25(mm)
LCS 460-334450/3		11/10/2015 22:28	1	K46909.D	Rtx-624 0.25(mm)
LCSD 460-334450/4		11/10/2015 22:54	1	K46910.D	Rtx-624 0.25(mm)
MB 460-334450/6		11/10/2015 23:58	1	K46912.D	Rtx-624 0.25(mm)
460-104096-30	PRA-25 E-3.75	11/11/2015 00:37	1	K46913.D	Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 01:56	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:23	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 02:49	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:16	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 03:42	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:09	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 04:36	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 05:02	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 06:41	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 07:08	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 07:34	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 08:00	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 08:26	1		Rtx-624 0.25(mm)
ZZZZZ		11/11/2015 08:53	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 333721 Batch Start Date: 11/06/15 13:42 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 11/06/15 13:56

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-104096-C-24	PMP-7-NW2-12.75	5035, 8260C	T	+031.107 g	37.39 g	6.283 g	5 mL		
460-104096-B-29	PRA-25 E-1.75	5035, 8260C	T	+030.264 g	36.94 g	6.676 g	5 mL		
460-104096-C-30	PRA-25 E-3.75	5035, 8260C	T	+030.296 g	36.08 g	5.784 g	5 mL		
460-104096-B-31	PRA-25 EE-1.75	5035, 8260C	T	+029.392 g	35.10 g	5.708 g	5 mL		
460-104096-B-32	PRA-25 EE-3.75	5035, 8260C	T	+031.249 g	37.23 g	5.981 g	5 mL		
460-104096-B-33	PRA-6 SE-1.75	5035, 8260C	T	+030.949 g	35.38 g	4.431 g	5 mL		
460-104096-B-34	PRA-5 SE-3.75	5035, 8260C	T	+031.088 g	37.14 g	6.052 g	5 mL		
460-104096-B-35	PRA-2 NW-3.75	5035, 8260C	T	+031.304 g	37.07 g	5.766 g	5 mL		
460-104096-C-38	Trip Blank	5035, 8260C	T			5 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 333728 Batch Start Date: 11/06/15 14:04 Batch Analyst: Morrison, Derek

Batch Method: 5035 Batch End Date: 11/06/15 14:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMC8PrepSU 00136	
460-104096-A-7	PMP-24-NW2-3.75	5035, 8260C	T	+032.349 g	36.18 g	3.831 g	10 mL	10 mL	
460-104096-A-8	PMP-24-NW2-DV	5035, 8260C	T	+032.345 g	38.80 g	6.455 g	10 mL	10 mL	
460-104096-A-9	PMP-24-NW2-WT	5035, 8260C	T	+033.742 g	38.21 g	4.468 g	10 mL	10 mL	
460-104096-A-10	PMP-24-NW2-S	5035, 8260C	T	+033.595 g	39.46 g	5.865 g	10 mL	10 mL	
460-104096-A-11	PMP-24-NW2-12.75	5035, 8260C	T	+033.896 g	40.95 g	7.054 g	10 mL	10 mL	
460-104096-A-13	PMP-5-NW2-WT	5035, 8260C	T	+033.920 g	39.38 g	5.46 g	10 mL	10 mL	
460-104096-A-14	PMP-5-NW2-S	5035, 8260C	T	+032.676 g	38.30 g	5.624 g	10 mL	10 mL	
460-104096-A-15	PMP-5-NW2-12.75	5035, 8260C	T	+034.006 g	40.34 g	6.334 g	10 mL	10 mL	
460-104096-A-20	PMP-7-NW2-DV	5035, 8260C	T	+033.577 g	38.55 g	4.973 g	10 mL	10 mL	
460-104096-A-21	PMP-7-NW2-5.25	5035, 8260C	T	+033.694 g	40.29 g	6.596 g	10 mL	10 mL	
460-104096-A-22	PMP-7-NW2-WT	5035, 8260C	T	+032.651 g	37.48 g	4.829 g	10 mL	10 mL	
460-104096-A-23	PMP-7-NW2-S	5035, 8260C	T	+032.293 g	35.46 g	3.167 g	10 mL	10 mL	
460-104096-A-26	PMP-9-NW2-WT	5035, 8260C	T	+033.450 g	39.21 g	5.76 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.

8270D

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-24-NW2-3.75	460-104096-7	63	62	70	71	40	57
PMP-24-NW2-DV	460-104096-8	65	64	71	71	31	58
PRA-25 E-1.75	460-104096-29	66	66	67	63	50	86
PRA-25 E-3.75	460-104096-30	48	49	48	49	33	66
PRA-25 EE-1.75	460-104096-31	63	62	63	58	50	85
PRA-25 EE-3.75	460-104096-32	62	61	61	57	42	82
PRA-6 SE-1.75	460-104096-33	52	52	54	50	28	67
PRA-5 SE-3.75	460-104096-34	65	65	65	61	51	82
PRA-2 NW-3.75	460-104096-35	58	58	63	66	44	59
	MB 460-334135/1-A	77	78	74	65	59	102
	LCS 460-334135/2-A	81	80	81	72	66	96
	LCS 460-334135/3-A	83	82	79	72	67	115 X
PRA-2 NW-3.75 MS	460-104096-35 MS	54	54	58	61	44	58
PRA-2 NW-3.75 MSD	460-104096-35 MSD	60	59	63	64	46	62

	QC LIMITS
2FP = 2-Fluorophenol	21-84
PHL = Phenol-d5	22-88
NBZ = Nitrobenzene-d5	28-92
FBP = 2-Fluorobiphenyl	27-84
TBP = 2,4,6-Tribromophenol	10-95
TPH = Terphenyl-d14	16-114

Column to be used to flag recovery values

FORM II 8270D

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
FB_20151105	460-104096-37	41	32	76	64	72	92
	MB 460-333717/1-A	47	35	103	65	81	92
	LCS 460-333717/2-A	40	26	101	70	76	83
	LCS 460-333717/4-A	46	36	91	67	75	94
	LCSD 460-333717/3-A	45	30	99	75	82	88
	LCSD 460-333717/5-A	44	35	102	65	70	95

	QC LIMITS
2FP = 2-Fluorophenol	13-77
PHL = Phenol-d5	10-53
NBZ = Nitrobenzene-d5	62-120
FBP = 2-Fluorobiphenyl	63-113
TBP = 2,4,6-Tribromophenol	43-126
TPH = Terphenyl-d14	57-125

Column to be used to flag recovery values

FORM II 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966319.D

Lab ID: LCS 460-333717/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Phenol	80.0	27.4	34	14-50	
2-Chlorophenol	80.0	56.4	70	55-96	
2-Methylphenol	80.0	53.3	67	41-88	
4-Methylphenol	80.0	50.9	64	35-81	
Acetophenone	80.0	83.5	104	61-118	
Bis(2-chloroethyl)ether	80.0	68.6	86	60-104	
2,2'-oxybis[1-chloropropane]	80.0	92.7	116	48-107	*
N-Nitrosodi-n-propylamine	80.0	69.7	87	57-120	
Nitrobenzene	80.0	72.9	91	66-105	
Hexachloroethane	80.0	58.9	74	44-91	
Isophorone	80.0	80.2	100	61-107	
2-Nitrophenol	80.0	75.9	95	72-105	
2,4-Dimethylphenol	80.0	71.5	89	65-104	
2,4-Dichlorophenol	80.0	72.7	91	70-103	
Bis(2-chloroethoxy)methane	80.0	83.7	105	68-109	
Naphthalene	80.0	66.1	83	61-100	
4-Chloroaniline	80.0	76.9	96	61-106	
Hexachlorobutadiene	80.0	62.9	79	47-100	
4-Chloro-3-methylphenol	80.0	76.5	96	58-109	
2-Methylnaphthalene	80.0	69.6	87	62-104	
Hexachlorobenzene	80.0	74.8	94	66-136	
Hexachlorocyclopentadiene	80.0	61.7	77	42-115	
2,4,6-Trichlorophenol	80.0	63.9	80	67-115	
2,4,5-Trichlorophenol	80.0	62.6	78	66-111	
Diphenyl	80.0	57.6	72	62-108	
2-Chloronaphthalene	80.0	58.6	73	62-105	
2-Nitroaniline	80.0	76.5	96	59-111	
2,6-Dinitrotoluene	80.0	69.7	87	69-112	
Dimethyl phthalate	80.0	64.8	81	68-111	
Acenaphthylene	80.0	58.3	73	67-110	
3-Nitroaniline	80.0	64.6	81	54-108	
Acenaphthene	80.0	49.2	61	55-110	
4-Nitrophenol	160	52.9	33	10-53	
2,4-Dinitrophenol	160	106	66	41-114	
Dibenzofuran	80.0	55.7	70	63-106	
Diethyl phthalate	80.0	69.0	86	62-115	
Fluorene	80.0	56.1	70	66-112	
Fluoranthene	80.0	79.7	100	65-125	
Di-n-butyl phthalate	80.0	79.9	100	66-127	
2,4-Dinitrotoluene	80.0	62.5	78	60-119	
4-Chlorophenyl phenyl ether	80.0	60.5	76	63-112	
4-Nitroaniline	80.0	60.1	75	42-128	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966319.D

Lab ID: LCS 460-333717/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	160	157	98	72-125	
4-Bromophenyl phenyl ether	80.0	79.9	100	66-134	
Anthracene	80.0	75.5	94	76-113	
Carbazole	80.0	71.3	89	69-118	
Phenanthrene	80.0	78.4	98	76-116	
Pentachlorophenol	160	110	69	58-125	
Pyrene	80.0	66.2	83	57-120	
Chrysene	80.0	71.3	89	73-115	
Benzo[k]fluoranthene	80.0	70.3	88	70-120	
Benzo[g,h,i]perylene	80.0	81.3	102	66-144	
Benzo[b]fluoranthene	80.0	75.7	95	74-125	
Benzo[a]pyrene	80.0	78.5	98	75-122	
Benzo[a]anthracene	80.0	69.8	87	75-116	
N-Nitrosodiphenylamine	160	112	70	65-121	
Butyl benzyl phthalate	80.0	79.3	99	68-122	
Bis(2-ethylhexyl) phthalate	80.0	76.4	96	68-131	
Di-n-octyl phthalate	80.0	83.5	104	58-126	
Indeno[1,2,3-cd]pyrene	80.0	81.7	102	72-139	
Dibenz(a,h)anthracene	80.0	81.1	101	72-142	
3,3'-Dichlorobenzidine	80.0	76.5	96	71-132	
1,2,4,5-Tetrachlorobenzene	80.0	58.9	74	57-113	
2,3,4,6-Tetrachlorophenol	80.0	68.6	86	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966321.D

Lab ID: LCS 460-333717/4-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	160	130	81	56-114	
Caprolactam	160	49.0	31	10-45	
Atrazine	160	144	90	58-134	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L127846.D

Lab ID: LCS 460-334135/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3330	2890	87	55-99	
2-Chlorophenol	3330	2710	81	58-95	
2-Methylphenol	3330	2720	82	56-99	
4-Methylphenol	3330	2540	76	53-103	
Acetophenone	3330	2750	82	56-107	
Bis(2-chloroethyl)ether	3330	2950	88	58-102	
2,2'-oxybis[1-chloropropane]	3330	2130	64	42-119	
N-Nitrosodi-n-propylamine	3330	2850	86	56-112	
Nitrobenzene	3330	2650	79	59-102	
Hexachloroethane	3330	2700	81	60-94	
Isophorone	3330	3030	91	60-102	
2-Nitrophenol	3330	2820	85	63-103	
2,4-Dimethylphenol	3330	2620	79	60-98	
2,4-Dichlorophenol	3330	2600	78	59-99	
Bis(2-chloroethoxy)methane	3330	2940	88	61-102	
Naphthalene	3330	2730	82	64-99	
4-Chloroaniline	3330	1650	49	10-82	
Hexachlorobutadiene	3330	2650	80	60-105	
4-Chloro-3-methylphenol	3330	2710	81	58-108	
2-Methylnaphthalene	3330	2660	80	64-102	
Hexachlorobenzene	3330	2920	88	65-117	
Hexachlorocyclopentadiene	3330	2310	69	37-119	
2,4,6-Trichlorophenol	3330	2520	76	61-107	
2,4,5-Trichlorophenol	3330	2410	72	59-105	
Diphenyl	3330	2450	74	64-103	
2-Chloronaphthalene	3330	2530	76	63-102	
2-Nitroaniline	3330	2080	62	46-113	
2,6-Dinitrotoluene	3330	2590	78	63-112	
Dimethyl phthalate	3330	2500	75	64-108	
Acenaphthylene	3330	2600	78	63-102	
3-Nitroaniline	3330	1670	50	23-89	
Acenaphthene	3330	2170	65	59-102	
4-Nitrophenol	6670	4660	70	45-125	
2,4-Dinitrophenol	6670	4840	73	26-137	
Dibenzofuran	3330	2460	74	62-102	
Diethyl phthalate	3330	2450	74	61-110	
Fluorene	3330	2350	70	65-108	
Fluoranthene	3330	2600	78	59-109	
Di-n-butyl phthalate	3330	2790	84	62-114	
2,4-Dinitrotoluene	3330	2450	73	61-118	
4-Chlorophenyl phenyl ether	3330	2460	74	63-107	
4-Nitroaniline	3330	2220	67	44-109	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L127846.D

Lab ID: LCS 460-334135/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	6670	5630	85	51-124	
4-Bromophenyl phenyl ether	3330	2960	89	65-114	
Anthracene	3330	2790	84	66-105	
Carbazole	3330	2790	84	62-107	
Phenanthrene	3330	2800	84	66-105	
Pentachlorophenol	6670	4830	73	47-115	
Pyrene	3330	3220	97	55-126	
Chrysene	3330	3060	92	64-105	
Benzo[k]fluoranthene	3330	3350	100	65-114	
Benzo[g,h,i]perylene	3330	2530	76	49-124	
Benzo[b]fluoranthene	3330	3110	93	67-116	
Benzo[a]pyrene	3330	3120	94	68-111	
Benzo[a]anthracene	3330	2910	87	65-106	
N-Nitrosodiphenylamine	6670	5660	85	71-119	
Butyl benzyl phthalate	3330	3150	94	62-123	
Bis(2-ethylhexyl) phthalate	3330	3070	92	60-125	
Di-n-octyl phthalate	3330	3480	105	52-137	
Indeno[1,2,3-cd]pyrene	3330	3130	94	50-134	
Dibenz(a,h)anthracene	3330	2630	79	54-126	
3,3'-Dichlorobenzidine	3330	1310	39	18-92	
1,2,4,5-Tetrachlorobenzene	3330	2510	75	62-109	
2,3,4,6-Tetrachlorophenol	3330	2400	72	57-113	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: L127847.D

Lab ID: LCS 460-334135/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	6670	5490	82	55-116	
Caprolactam	6670	7170	108	44-129	
Atrazine	6670	6040	91	41-116	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966320.D

Lab ID: LCSD 460-333717/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	80.0	29.7	37	8	30	14-50	
2-Chlorophenol	80.0	61.2	77	8	30	55-96	
2-Methylphenol	80.0	57.2	72	7	30	41-88	
4-Methylphenol	80.0	52.1	65	2	30	35-81	
Acetophenone	80.0	80.8	101	3	30	61-118	
Bis(2-chloroethyl)ether	80.0	65.0	81	5	30	60-104	
2,2'-oxybis[1-chloropropane]	80.0	96.5	121	4	30	48-107	*
N-Nitrosodi-n-propylamine	80.0	64.9	81	7	30	57-120	
Nitrobenzene	80.0	69.9	87	4	30	66-105	
Hexachloroethane	80.0	58.8	74	0	30	44-91	
Isophorone	80.0	75.9	95	6	30	61-107	
2-Nitrophenol	80.0	74.7	93	2	30	72-105	
2,4-Dimethylphenol	80.0	66.6	83	7	30	65-104	
2,4-Dichlorophenol	80.0	67.9	85	7	30	70-103	
Bis(2-chloroethoxy)methane	80.0	80.9	101	3	30	68-109	
Naphthalene	80.0	62.6	78	5	30	61-100	
4-Chloroaniline	80.0	71.1	89	8	30	61-106	
Hexachlorobutadiene	80.0	59.4	74	6	30	47-100	
4-Chloro-3-methylphenol	80.0	76.4	95	0	30	58-109	
2-Methylnaphthalene	80.0	68.5	86	2	30	62-104	
Hexachlorobenzene	80.0	77.7	97	4	30	66-136	
Hexachlorocyclopentadiene	80.0	64.5	81	4	30	42-115	
2,4,6-Trichlorophenol	80.0	65.7	82	3	30	67-115	
2,4,5-Trichlorophenol	80.0	64.6	81	3	30	66-111	
Diphenyl	80.0	59.8	75	4	30	62-108	
2-Chloronaphthalene	80.0	60.5	76	3	30	62-105	
2-Nitroaniline	80.0	82.1	103	7	30	59-111	
2,6-Dinitrotoluene	80.0	69.0	86	1	30	69-112	
Dimethyl phthalate	80.0	65.9	82	2	30	68-111	
Acenaphthylene	80.0	60.6	76	4	30	67-110	
3-Nitroaniline	80.0	70.5	88	9	30	54-108	
Acenaphthene	80.0	53.3	67	8	30	55-110	
4-Nitrophenol	160	60.0	38	13	30	10-53	
2,4-Dinitrophenol	160	111	69	5	30	41-114	
Dibenzofuran	80.0	59.6	75	7	30	63-106	
Diethyl phthalate	80.0	74.9	94	8	30	62-115	
Fluorene	80.0	59.6	75	6	30	66-112	
Fluoranthene	80.0	76.7	96	4	30	65-125	
Di-n-butyl phthalate	80.0	83.6	104	4	30	66-127	
2,4-Dinitrotoluene	80.0	66.6	83	6	30	60-119	
4-Chlorophenyl phenyl ether	80.0	62.8	78	4	30	63-112	
4-Nitroaniline	80.0	67.8	85	12	30	42-128	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966320.D

Lab ID: LCSD 460-333717/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,6-Dinitro-2-methylphenol	160	152	95	4	30	72-125	
4-Bromophenyl phenyl ether	80.0	79.5	99	1	30	66-134	
Anthracene	80.0	75.8	95	0	30	76-113	
Carbazole	80.0	76.8	96	7	30	69-118	
Phenanthrene	80.0	76.1	95	3	30	76-116	
Pentachlorophenol	160	108	68	2	30	58-125	
Pyrene	80.0	69.6	87	5	30	57-120	
Chrysene	80.0	73.9	92	4	30	73-115	
Benzo[k]fluoranthene	80.0	75.3	94	7	30	70-120	
Benzo[g,h,i]perylene	80.0	79.5	99	2	30	66-144	
Benzo[b]fluoranthene	80.0	75.0	94	1	30	74-125	
Benzo[a]pyrene	80.0	80.9	101	3	30	75-122	
Benzo[a]anthracene	80.0	71.3	89	2	30	75-116	
N-Nitrosodiphenylamine	160	113	71	1	30	65-121	
Butyl benzyl phthalate	80.0	79.8	100	1	30	68-122	
Bis(2-ethylhexyl) phthalate	80.0	74.8	94	2	30	68-131	
Di-n-octyl phthalate	80.0	82.2	103	2	30	58-126	
Indeno[1,2,3-cd]pyrene	80.0	94.4	118	14	30	72-139	
Dibenz(a,h)anthracene	80.0	82.7	103	2	30	72-142	
3,3'-Dichlorobenzidine	80.0	80.0	100	4	30	71-132	
1,2,4,5-Tetrachlorobenzene	80.0	62.2	78	5	30	57-113	
2,3,4,6-Tetrachlorophenol	80.0	70.2	88	2	30	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: M966322.D

Lab ID: LCSD 460-333717/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzaldehyde	160	123	77	6	30	56-114	
Caprolactam	160	49.3	31	1	30	10-45	
Atrazine	160	138	86	4	30	58-134	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z38464.D

Lab ID: 460-104096-35 MS Client ID: PRA-2 NW-3.75 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3500	57 U	1860	53	55-99	F1
2-Chlorophenol	3500	44 U	1930	55	58-95	F1
2-Methylphenol	3500	75 U	1970	56	56-99	
4-Methylphenol	3500	47 U	1880	54	53-103	
Benzaldehyde	6990	130 U	3260	47	55-116	F1
Acetophenone	3500	38 U	2040	58	56-107	
Bis(2-chloroethyl)ether	3500	41 U	1880	54	58-102	F1
2,2'-oxybis[1-chloropropane]	3500	71 U	2050	59	42-119	
N-Nitrosodi-n-propylamine	3500	58 U	2090	60	56-112	
Nitrobenzene	3500	54 U	1870	54	59-102	F1
Hexachloroethane	3500	63 U	1700	49	60-94	F1
Isophorone	3500	37 U	2230	64	60-102	
2-Nitrophenol	3500	58 U	1900	54	63-103	F1
2,4-Dimethylphenol	3500	380 U	2050	59	60-98	F1
2,4-Dichlorophenol	3500	41 U	1920	55	59-99	F1
Bis(2-chloroethoxy)methane	3500	54 U	2130	61	61-102	
Naphthalene	3500	44 U	2000	57	64-99	F1
4-Chloroaniline	3500	44 U	767 J	22	10-82	
Hexachlorobutadiene	3500	49 U	1940	56	60-105	F1
Caprolactam	6990	120 U	2860	41	44-129	F1
4-Chloro-3-methylphenol	3500	74 U	1930	55	58-108	F1
2-Methylnaphthalene	3500	270 J	2170	54	64-102	F1
Hexachlorobenzene	3500	70 U	1980	57	65-117	F1
Hexachlorocyclopentadiene	3500	110 U	514 J	15	37-119	F1
2,4,6-Trichlorophenol	3500	49 U	2010	57	61-107	F1
2,4,5-Trichlorophenol	3500	170 U	1980	57	59-105	F1
Diphenyl	3500	150 U	2280	65	64-103	
2-Chloronaphthalene	3500	39 U	1880	54	63-102	F1
2-Nitroaniline	3500	57 U	2490	71	46-113	
2,6-Dinitrotoluene	3500	92 U	2650	76	63-112	
Dimethyl phthalate	3500	50 U	2520	72	64-108	
Acenaphthylene	3500	44 U	2260	65	63-102	
3-Nitroaniline	3500	51 U	2360	68	23-89	
Acenaphthene	3500	42 U	2120	61	59-102	
4-Nitrophenol	6990	830 U	3490 J	50	45-125	
2,4-Dinitrophenol	6990	1300 U	1860	27	26-137	
Dibenzofuran	3500	52 U	2060	59	62-102	F1
Diethyl phthalate	3500	49 U	2420	69	61-110	
Fluorene	3500	38 U	2080	60	65-108	F1
Fluoranthene	3500	51 U	1950	56	59-109	F1
Di-n-butyl phthalate	3500	52 U	2320	66	62-114	
2,4-Dinitrotoluene	3500	69 U	2610	75	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z38464.D

Lab ID: 460-104096-35 MS Client ID: PRA-2 NW-3.75 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3500	52 U	1980	57	63-107	F1
4-Nitroaniline	3500	65 U	2060	59	44-109	
4,6-Dinitro-2-methylphenol	6990	460 U	2100	30	51-124	F1
4-Bromophenyl phenyl ether	3500	54 U	1990	57	65-114	F1
Atrazine	6990	77 U	4940	71	41-116	
Anthracene	3500	160 U	2040	58	66-105	F1
Carbazole	3500	43 U	2200	63	62-107	
Phenanthrene	3500	200 J	2270	59	66-105	F1
Pentachlorophenol	6990	210 U	1840	26	47-115	F1
Pyrene	3500	78 U	2000	57	55-126	
Chrysene	3500	47 U	2180	62	64-105	F1
Benzo[k]fluoranthene	3500	75 U	1940	55	65-114	F1
Benzo[g,h,i]perylene	3500	99 U	3260	93	49-124	
Benzo[b]fluoranthene	3500	67 U	1820	52	67-116	F1
Benzo[a]pyrene	3500	52 U	2030	58	68-111	F1
Benzo[a]anthracene	3500	140 U	2040	58	65-106	F1
N-Nitrosodiphenylamine	6990	160 U	6760	97	71-119	
Butyl benzyl phthalate	3500	53 U	2340	67	62-123	
Bis(2-ethylhexyl) phthalate	3500	67 U	2140	61	60-125	
Di-n-octyl phthalate	3500	88 U	1650 J	47	52-137	F1
Indeno[1,2,3-cd]pyrene	3500	120 U	3240	93	50-134	
Dibenz(a,h)anthracene	3500	90 U	3010	86	54-126	
3,3'-Dichlorobenzidine	3500	190 U	1240	36	18-92	
1,2,4,5-Tetrachlorobenzene	3500	130 U	2060	59	62-109	F1
2,3,4,6-Tetrachlorophenol	3500	160 U	1290 J	37	57-113	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z38465.D

Lab ID: 460-104096-35 MSD Client ID: PRA-2 NW-3.75 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3490	2030	58	9	30	55-99	
2-Chlorophenol	3490	2080	60	8	30	58-95	
2-Methylphenol	3490	2110	60	7	30	56-99	
4-Methylphenol	3490	2060	59	9	30	53-103	
Benzaldehyde	6980	3820	55	16	30	55-116	
Acetophenone	3490	2250	65	10	30	56-107	
Bis(2-chloroethyl)ether	3490	2120	61	12	30	58-102	
2,2'-oxybis[1-chloropropane]	3490	2230	64	9	30	42-119	
N-Nitrosodi-n-propylamine	3490	2260	65	8	30	56-112	
Nitrobenzene	3490	1980	57	6	30	59-102	F1
Hexachloroethane	3490	1880	54	10	30	60-94	F1
Isophorone	3490	2460	71	10	30	60-102	
2-Nitrophenol	3490	2010	58	6	30	63-103	F1
2,4-Dimethylphenol	3490	2200	63	7	30	60-98	
2,4-Dichlorophenol	3490	2020	58	5	30	59-99	F1
Bis(2-chloroethoxy)methane	3490	2280	65	7	30	61-102	
Naphthalene	3490	2170	62	8	30	64-99	F1
4-Chloroaniline	3490	687 J	20	11	30	10-82	
Hexachlorobutadiene	3490	2050	59	5	30	60-105	F1
Caprolactam	6980	3860	55	30	30	44-129	
4-Chloro-3-methylphenol	3490	2140	61	11	30	58-108	
2-Methylnaphthalene	3490	2310	58	6	30	64-102	F1
Hexachlorobenzene	3490	2090	60	5	30	65-117	F1
Hexachlorocyclopentadiene	3490	563 J	16	9	30	37-119	F1
2,4,6-Trichlorophenol	3490	2060	59	3	30	61-107	F1
2,4,5-Trichlorophenol	3490	2000	57	1	30	59-105	F1
Diphenyl	3490	2430	70	7	30	64-103	
2-Chloronaphthalene	3490	2050	59	9	30	63-102	F1
2-Nitroaniline	3490	2820	81	12	30	46-113	
2,6-Dinitrotoluene	3490	2880	82	8	30	63-112	
Dimethyl phthalate	3490	2650	76	5	30	64-108	
Acenaphthylene	3490	2360	67	4	30	63-102	
3-Nitroaniline	3490	2670	76	12	30	23-89	
Acenaphthene	3490	2250	64	6	30	59-102	
4-Nitrophenol	6980	4220	60	19	30	45-125	
2,4-Dinitrophenol	6980	1340 J	19	32	30	26-137	F1 F2
Dibenzofuran	3490	2130	61	4	30	62-102	F1
Diethyl phthalate	3490	2550	73	5	30	61-110	
Fluorene	3490	2140	61	3	30	65-108	F1
Fluoranthene	3490	2080	59	6	30	59-109	
Di-n-butyl phthalate	3490	2510	72	8	30	62-114	
2,4-Dinitrotoluene	3490	2730	78	5	30	61-118	

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: z38465.D

Lab ID: 460-104096-35 MSD Client ID: PRA-2 NW-3.75 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3490	2080	60	5	30	63-107	F1
4-Nitroaniline	3490	2330	67	12	30	44-109	
4,6-Dinitro-2-methylphenol	6980	2010	29	4	30	51-124	F1
4-Bromophenyl phenyl ether	3490	2250	64	12	30	65-114	F1
Atrazine	6980	5700	82	14	30	41-116	
Anthracene	3490	2190	63	7	30	66-105	F1
Carbazole	3490	2290	66	4	30	62-107	
Phenanthrene	3490	2360	62	4	30	66-105	F1
Pentachlorophenol	6980	2060	30	12	30	47-115	F1
Pyrene	3490	2100	60	5	30	55-126	
Chrysene	3490	2290	65	5	30	64-105	
Benzo[k]fluoranthene	3490	1990	57	3	30	65-114	F1
Benzo[g,h,i]perylene	3490	3510	101	7	30	49-124	
Benzo[b]fluoranthene	3490	1920	55	5	30	67-116	F1
Benzo[a]pyrene	3490	2150	61	6	30	68-111	F1
Benzo[a]anthracene	3490	2120	61	4	30	65-106	F1
N-Nitrosodiphenylamine	6980	7260	104	7	30	71-119	
Butyl benzyl phthalate	3490	2470	71	6	30	62-123	
Bis(2-ethylhexyl) phthalate	3490	2230	64	4	30	60-125	
Di-n-octyl phthalate	3490	1770	51	7	30	52-137	F1
Indeno[1,2,3-cd]pyrene	3490	3230	92	0	30	50-134	
Dibenz(a,h)anthracene	3490	3150	90	5	30	54-126	
3,3'-Dichlorobenzidine	3490	1190	34	4	30	18-92	
1,2,4,5-Tetrachlorobenzene	3490	2190	63	6	30	62-109	
2,3,4,6-Tetrachlorophenol	3490	1320 J	38	3	30	57-113	F1

Column to be used to flag recovery and RPD values

FORM III 8270D

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: M966318.D Lab Sample ID: MB 460-333717/1-A

Matrix: Water Date Extracted: 11/06/2015 13:28

Instrument ID: CBNAMS6 Date Analyzed: 11/08/2015 10:44

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-333717/2-A	M966319.D	11/08/2015 11:05
	LCSD 460-333717/3-A	M966320.D	11/08/2015 11:26
	LCS 460-333717/4-A	M966321.D	11/08/2015 11:47
	LCSD 460-333717/5-A	M966322.D	11/08/2015 12:08
FB_20151105	460-104096-37	M966487.D	11/12/2015 02:09

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: L127848.D Lab Sample ID: MB 460-334135/1-A

Matrix: Solid Date Extracted: 11/09/2015 13:43

Instrument ID: CBNAMS12 Date Analyzed: 11/10/2015 05:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334135/2-A	L127846.D	11/10/2015 04:49
	LCS 460-334135/3-A	L127847.D	11/10/2015 05:15
PRA-25 E-1.75	460-104096-29	L127859.D	11/10/2015 10:28
PRA-25 E-3.75	460-104096-30	L127860.D	11/10/2015 10:54
PRA-25 EE-1.75	460-104096-31	L127861.D	11/10/2015 11:20
PRA-25 EE-3.75	460-104096-32	L127862.D	11/10/2015 11:46
PRA-2 NW-3.75	460-104096-35	z38463.D	11/10/2015 12:04
PRA-6 SE-1.75	460-104096-33	L127863.D	11/10/2015 12:12
PRA-2 NW-3.75 MS	460-104096-35 MS	z38464.D	11/10/2015 12:27
PRA-5 SE-3.75	460-104096-34	L127864.D	11/10/2015 12:38
PRA-2 NW-3.75 MSD	460-104096-35 MSD	z38465.D	11/10/2015 12:51
PMP-24-NW2-3.75	460-104096-7	z38468.D	11/10/2015 14:56
PMP-24-NW2-DV	460-104096-8	z38469.D	11/10/2015 15:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: z38184.D DFTPP Injection Date: 11/02/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 14:57

Analysis Batch No.: 332733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.7	
68	Less than 2.0 % of mass 69	0.7	(1.8)1
69	Mass 69 relative abundance	40.1	
70	Less than 2.0 % of mass 69	0.6	(1.5)1
127	40.0 - 60.0 % of mass 198	47.2	
197	Less than 1.0 % of mass 198	0.6	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	26.4	
365	Greater than 1.0 % of mass 198	3.7	
441	Present but less than mass 443	14.6	(78.5)3
442	Greater than 40.0 % of mass 198	97.6	
443	17.0 - 23.0 % of mass 442	18.6	(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 460-332733/2	z38185.D	11/02/2015	15:12
	STD120 460-332733/3	z38186.D	11/02/2015	15:43
	STD80 460-332733/4	z38187.D	11/02/2015	16:06
	STD20 460-332733/5	z38188.D	11/02/2015	16:29
	STD10 460-332733/6	z38189.D	11/02/2015	16:53
	STD5 460-332733/7	z38190.D	11/02/2015	17:16
	STD2 460-332733/8	z38191.D	11/02/2015	17:40
	STD1 460-332733/9	z38192.D	11/02/2015	18:03
	STD05 460-332733/10	z38193.D	11/02/2015	18:27
	STD50 460-332733/11	z38194.D	11/02/2015	18:50
	STD120 460-332733/12	z38195.D	11/02/2015	19:14
	STD080 460-332733/13	z38196.D	11/02/2015	19:37
	STD020 460-332733/14	z38197.D	11/02/2015	20:00
	STD010 460-332733/15	z38198.D	11/02/2015	20:24
	STD5 460-332733/16	z38199.D	11/02/2015	20:48
	STD2 460-332733/17	z38200.D	11/02/2015	21:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: z38450.D DFTPP Injection Date: 11/10/2015

Instrument ID: CBNAMS11 DFTPP Injection Time: 06:40

Analysis Batch No.: 334252

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.6	
68	Less than 2.0 % of mass 69	0.6	(1.5)1
69	Mass 69 relative abundance	38.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.3	
197	Less than 1.0 % of mass 198	0.6	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.1	
275	10.0 - 30.0 % of mass 198	27.2	
365	Greater than 1.0 % of mass 198	3.8	
441	Present but less than mass 443	14.0	(72.0)3
442	Greater than 40.0 % of mass 198	101.4	
443	17.0 - 23.0 % of mass 442	19.4	(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
	CCVIS 460-334252/2	z38451.D	11/10/2015	06:58
	CCV 460-334252/3	z38452.D	11/10/2015	07:26
PRA-2 NW-3.75	460-104096-35	z38463.D	11/10/2015	12:04
PRA-2 NW-3.75 MS	460-104096-35 MS	z38464.D	11/10/2015	12:27
PRA-2 NW-3.75 MSD	460-104096-35 MSD	z38465.D	11/10/2015	12:51
PMP-24-NW2-3.75	460-104096-7	z38468.D	11/10/2015	14:56
PMP-24-NW2-DV	460-104096-8	z38469.D	11/10/2015	15:19

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: L127022.D DFTPP Injection Date: 10/19/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 14:04

Analysis Batch No.: 329806

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.2	
68	Less than 2.0 % of mass 69	0.9	(2.0)1
69	Mass 69 relative abundance	44.0	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	52.6	
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	6.6	
275	10.0 - 30.0 % of mass 198	27.8	
365	Greater than 1.0 % of mass 198	4.0	
441	Present but less than mass 443	12.9	(74.7)3
442	Greater than 40.0 % of mass 198	88.3	
443	17.0 - 23.0 % of mass 442	17.3	(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
	ICIS 460-329806/2	L127023.D	10/19/2015	14:24
	STD120 460-329806/3	L127024.D	10/19/2015	14:49
	STD80 460-329806/4	L127025.D	10/19/2015	15:14
	STD20 460-329806/5	L127026.D	10/19/2015	15:39
	STD10 460-329806/6	L127027.D	10/19/2015	16:04
	STD5 460-329806/7	L127028.D	10/19/2015	16:29
	STD2 460-329806/8	L127029.D	10/19/2015	16:54
	STD1 460-329806/9	L127030.D	10/19/2015	17:20
	STD05 460-329806/10	L127031.D	10/19/2015	17:45
	STD50 460-329806/11	L127032.D	10/19/2015	18:10
	STD120 460-329806/12	L127033.D	10/19/2015	18:35
	STD080 460-329806/13	L127034.D	10/19/2015	19:00
	STD020 460-329806/14	L127035.D	10/19/2015	19:25
	STD010 460-329806/15	L127036.D	10/19/2015	19:51
	STD5 460-329806/16	L127037.D	10/19/2015	20:16
	STD2 460-329806/17	L127038.D	10/19/2015	20:41

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: L127841.D DFTPP Injection Date: 11/10/2015

Instrument ID: CBNAMS12 DFTPP Injection Time: 02:04

Analysis Batch No.: 334254

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.9	
68	Less than 2.0 % of mass 69	0.6	(1.3)1
69	Mass 69 relative abundance	46.9	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	54.0	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	26.4	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	12.0	(78.6)3
442	Greater than 40.0 % of mass 198	80.3	
443	17.0 - 23.0 % of mass 442	15.3	(19.1)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-334254/2	L127842.D	11/10/2015	03:04
	CCV 460-334254/3	L127843.D	11/10/2015	03:31
	LCS 460-334135/2-A	L127846.D	11/10/2015	04:49
	LCS 460-334135/3-A	L127847.D	11/10/2015	05:15
	MB 460-334135/1-A	L127848.D	11/10/2015	05:41
PRA-25 E-1.75	460-104096-29	L127859.D	11/10/2015	10:28
PRA-25 E-3.75	460-104096-30	L127860.D	11/10/2015	10:54
PRA-25 EE-1.75	460-104096-31	L127861.D	11/10/2015	11:20
PRA-25 EE-3.75	460-104096-32	L127862.D	11/10/2015	11:46
PRA-6 SE-1.75	460-104096-33	L127863.D	11/10/2015	12:12
PRA-5 SE-3.75	460-104096-34	L127864.D	11/10/2015	12:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: M965828.D DFTPP Injection Date: 10/29/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 16:23

Analysis Batch No.: 332084

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.5	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	59.5	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	44.1	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.8	
275	10.0 - 30.0 % of mass 198	22.5	
365	Greater than 1.0 % of mass 198	3.0	
441	Present but less than mass 443	13.0	(85.3)3
442	Greater than 40.0 % of mass 198	76.7	
443	17.0 - 23.0 % of mass 442	15.2	(19.8)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD10 460-332084/10	M965837.D	10/29/2015	22:18
	STD24 460-332084/11	M965838.D	10/29/2015	22:39
	STD16 460-332084/12	M965839.D	10/29/2015	23:00
	STD4 460-332084/13	M965840.D	10/29/2015	23:21
	STD2 460-332084/14	M965841.D	10/29/2015	23:43
	STD1 460-332084/15	M965842.D	10/30/2015	00:04
	STD02 460-332084/16	M965843.D	10/30/2015	00:25

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: M966070.D DFTPP Injection Date: 11/03/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 17:06

Analysis Batch No.: 333018

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.7	
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	(0.3)1
127	40.0 - 60.0 % of mass 198	43.7	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	20.3	
365	Greater than 1.0 % of mass 198	2.4	
441	Present but less than mass 443	10.8	(81.0)3
442	Greater than 40.0 % of mass 198	66.4	
443	17.0 - 23.0 % of mass 442	13.3	(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
	ICIS 460-333018/2	M966071.D	11/03/2015	17:24
	STD24 460-333018/3	M966072.D	11/03/2015	17:49
	STD16 460-333018/4	M966073.D	11/03/2015	18:11
	STD4 460-333018/5	M966074.D	11/03/2015	18:32
	STD2 460-333018/6	M966075.D	11/03/2015	18:53
	STD1 460-333018/7	M966076.D	11/03/2015	19:14
	STD02 460-333018/8	M966077.D	11/03/2015	19:35
	STD01 460-333018/9	M966078.D	11/03/2015	19:56

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: M966314.D DFTPP Injection Date: 11/08/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 08:20

Analysis Batch No.: 333958

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	74.1	
70	Less than 2.0 % of mass 69	0.2	(0.2)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	6.5	
275	10.0 - 30.0 % of mass 198	20.0	
365	Greater than 1.0 % of mass 198	2.4	
441	Present but less than mass 443	9.4	(74.4)3
442	Greater than 40.0 % of mass 198	62.1	
443	17.0 - 23.0 % of mass 442	12.6	(20.3)2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-333958/2	M966315.D	11/08/2015	08:45
	CCV 460-333958/3	M966316.D	11/08/2015	09:12
	MB 460-333717/1-A	M966318.D	11/08/2015	10:44
	LCS 460-333717/2-A	M966319.D	11/08/2015	11:05
	LCSD 460-333717/3-A	M966320.D	11/08/2015	11:26
	LCS 460-333717/4-A	M966321.D	11/08/2015	11:47
	LCSD 460-333717/5-A	M966322.D	11/08/2015	12:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: M966460.D DFTPP Injection Date: 11/11/2015

Instrument ID: CBNAMS6 DFTPP Injection Time: 16:39

Analysis Batch No.: 334749

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.7	
70	Less than 2.0 % of mass 69	0.3	(0.4)1
127	40.0 - 60.0 % of mass 198	44.6	
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	6.6	
275	10.0 - 30.0 % of mass 198	20.1	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	12.6	(86.1)3
442	Greater than 40.0 % of mass 198	76.9	
443	17.0 - 23.0 % of mass 442	14.6	(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 460-334749/2	M966461.D	11/11/2015	16:58
	STD24 460-334749/3	M966462.D	11/11/2015	17:19
	STD16 460-334749/4	M966463.D	11/11/2015	17:40
	STD4 460-334749/5	M966464.D	11/11/2015	18:02
	STD2 460-334749/6	M966465.D	11/11/2015	18:23
	STD1 460-334749/7	M966466.D	11/11/2015	18:44
	STD02 460-334749/8	M966467.D	11/11/2015	19:05
	STD01 460-334749/9	M966468.D	11/11/2015	19:26
	ICV 460-334749/10	M966469.D	11/11/2015	19:48
	CCV 460-334749/11	M966470.D	11/11/2015	20:09
FB_20151105	460-104096-37	M966487.D	11/12/2015	02:09

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334252/2 Date Analyzed: 11/10/2015 06:58

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z38451.D Heated Purge: (Y/N) N

Calibration ID: 53098

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		144246	4.16	502654	5.45	197765	7.21
UPPER LIMIT		288492	4.66	1005308	5.95	395530	7.71
LOWER LIMIT		72123	3.66	251327	4.95	98883	6.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-35	PRA-2 NW-3.75	142755	4.16	480741	5.44	171166	7.21
460-104096-35 MS	PRA-2 NW-3.75 MS	153663	4.16	522443	5.44	187122	7.21
460-104096-35 MSD	PRA-2 NW-3.75 MSD	147048	4.16	506850	5.44	181975	7.21
460-104096-7	PMP-24-NW2-3.75	128893	4.16	408368	5.45	134680	7.22
460-104096-8	PMP-24-NW2-DV	118144	4.16	370905	5.45	125692	7.21

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334252/2 Date Analyzed: 11/10/2015 06:58

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): z38451.D Heated Purge: (Y/N) N

Calibration ID: 53098

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		264582	8.69	137374	11.44	90396	13.34
UPPER LIMIT		529164	9.19	274748	11.94	180792	13.84
LOWER LIMIT		132291	8.19	68687	10.94	45198	12.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-35	PRA-2 NW-3.75	202348	8.68	116855	11.42	107165	13.32
460-104096-35 MS	PRA-2 NW-3.75 MS	223127	8.68	114742	11.42	102966	13.32
460-104096-35 MSD	PRA-2 NW-3.75 MSD	213202	8.68	109818	11.42	96982	13.32
460-104096-7	PMP-24-NW2-3.75	158542	8.71	88865	11.44	101342	13.34
460-104096-8	PMP-24-NW2-DV	156477	8.71	87614	11.43	103664	13.33

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334254/2 Date Analyzed: 11/10/2015 03:04

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L127842.D Heated Purge: (Y/N) N

Calibration ID: 52867

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		145205	4.32	499399	5.61	207083	7.37
UPPER LIMIT		290410	4.82	998798	6.11	414166	7.87
LOWER LIMIT		72603	3.82	249700	5.11	103542	6.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334135/2-A		161039	4.32	559645	5.61	256298	7.37
LCS 460-334135/3-A		147492	4.32	537554	5.61	261743	7.36
MB 460-334135/1-A		143480	4.32	533270	5.61	259213	7.36
460-104096-29	PRA-25 E-1.75	132484	4.32	464150	5.61	209422	7.36
460-104096-30	PRA-25 E-3.75	120396	4.32	424924	5.61	195064	7.36
460-104096-31	PRA-25 EE-1.75	140758	4.32	494207	5.61	235060	7.36
460-104096-32	PRA-25 EE-3.75	140504	4.32	502542	5.61	236791	7.36
460-104096-33	PRA-6 SE-1.75	119084	4.32	419559	5.61	200846	7.36
460-104096-34	PRA-5 SE-3.75	149028	4.32	515078	5.61	229741	7.36

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334254/2 Date Analyzed: 11/10/2015 03:04

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): L127842.D Heated Purge: (Y/N) N

Calibration ID: 52867

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		310332	8.83	209235	11.56	172216	13.45
UPPER LIMIT		620664	9.33	418470	12.06	344432	13.95
LOWER LIMIT		155166	8.33	104618	11.06	86108	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-334135/2-A		336641	8.83	219691	11.56	197823	13.45
LCS 460-334135/3-A		364354	8.83	212005	11.56	175682	13.44
MB 460-334135/1-A		361051	8.83	213544	11.56	167337	13.44
460-104096-29	PRA-25 E-1.75	275278	8.83	175983	11.56	160106	13.44
460-104096-30	PRA-25 E-3.75	259247	8.83	170241	11.55	162324	13.44
460-104096-31	PRA-25 EE-1.75	321061	8.83	194966	11.56	176674	13.44
460-104096-32	PRA-25 EE-3.75	308050	8.83	189202	11.55	171608	13.44
460-104096-33	PRA-6 SE-1.75	270229	8.83	180070	11.55	168713	13.44
460-104096-34	PRA-5 SE-3.75	286493	8.83	187803	11.56	189061	13.44

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333958/2 Date Analyzed: 11/08/2015 08:45

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966315.D Heated Purge: (Y/N) N

Calibration ID: 53116

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1640601	4.28	4611467	5.57	2428684	7.33
UPPER LIMIT		3281202	4.78	9222934	6.07	4857368	7.83
LOWER LIMIT		820301	3.78	2305734	5.07	1214342	6.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-333717/1-A		1626549	4.28	4749025	5.57	3125332	7.32
LCS 460-333717/2-A		1515200	4.28	4485889	5.57	2641457	7.33
LCSD 460-333717/3-A		1456181	4.28	4443597	5.57	2457753	7.33
LCS 460-333717/4-A		1357503	4.28	4686016	5.57	2731614	7.32
LCSD 460-333717/5-A		1429906	4.28	4339052	5.57	2862298	7.32

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333958/2 Date Analyzed: 11/08/2015 08:45

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966315.D Heated Purge: (Y/N) N

Calibration ID: 53116

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3519879	8.79	2550908	11.54	2592015	13.45
UPPER LIMIT		7039758	9.29	5101816	12.04	5184030	13.95
LOWER LIMIT		1759940	8.29	1275454	11.04	1296008	12.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-333717/1-A		4614059	8.79	3088920	11.53	2762707	13.43
LCS 460-333717/2-A		3485986	8.79	2750596	11.54	2602624	13.44
LCSD 460-333717/3-A		3419441	8.79	2596076	11.53	2596535	13.44
LCS 460-333717/4-A		4122653	8.79	2812967	11.53	2674809	13.44
LCSD 460-333717/5-A		4019354	8.78	2668051	11.53	2415956	13.43

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: ICIS 460-334749/2 Date Analyzed: 11/11/2015 16:58

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966461.D Heated Purge: (Y/N) N

Calibration ID: 53228

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		715987	4.26	2312506	5.54	1122611	7.30
UPPER LIMIT		1431974	4.76	4625012	6.04	2245222	7.80
LOWER LIMIT		357994	3.76	1156253	5.04	561306	6.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-334749/10		687963	4.25	2221811	5.54	1188538	7.30
CCV 460-334749/11		660298	4.25	2198946	5.54	1294081	7.29
460-104096-37	FB_20151105	724316	4.25	2404198	5.53	1437847	7.29

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 8270D

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: ICIS 460-334749/2 Date Analyzed: 11/11/2015 16:58

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): M966461.D Heated Purge: (Y/N) N

Calibration ID: 53228

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1622070	8.76	1141976	11.50	1044565	13.39
UPPER LIMIT		3244140	9.26	2283952	12.00	2089130	13.89
LOWER LIMIT		811035	8.26	570988	11.00	522283	12.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-334749/10		1769186	8.76	1237665	11.49	1007060	13.39
CCV 460-334749/11		1959699	8.75	1395394	11.49	1087082	13.39
460-104096-37	FB_20151105	2142919	8.76	1375597	11.49	1151600	13.39

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 8270D

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: z38468.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:48

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0443(g) | Date Analyzed: 11/10/2015 14:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	59	U	1800	59
95-57-8	2-Chlorophenol	46	U	1800	46
95-48-7	2-Methylphenol	79	U	1800	79
106-44-5	4-Methylphenol	50	U	1800	50
100-52-7	Benzaldehyde	140	U	1800	140
98-86-2	Acetophenone	55	J	1800	40
111-44-4	Bis(2-chloroethyl)ether	43	U	180	43
108-60-1	2,2'-oxybis[1-chloropropane]	75	U	1800	75
621-64-7	N-Nitrosodi-n-propylamine	61	U	180	61
98-95-3	Nitrobenzene	57	U	180	57
67-72-1	Hexachloroethane	67	U	180	67
78-59-1	Isophorone	39	U	730	39
88-75-5	2-Nitrophenol	61	U	1800	61
105-67-9	2,4-Dimethylphenol	400	U	1800	400
120-83-2	2,4-Dichlorophenol	43	U	730	43
111-91-1	Bis(2-chloroethoxy)methane	57	U	1800	57
91-20-3	Naphthalene	46	U	1800	46
106-47-8	4-Chloroaniline	580	J	1800	47
87-68-3	Hexachlorobutadiene	51	U	370	51
105-60-2	Caprolactam	130	U	1800	130
59-50-7	4-Chloro-3-methylphenol	78	U	1800	78
91-57-6	2-Methylnaphthalene	130	J	1800	40
118-74-1	Hexachlorobenzene	74	U	180	74
77-47-4	Hexachlorocyclopentadiene	110	U	1800	110
88-06-2	2,4,6-Trichlorophenol	52	U	730	52
95-95-4	2,4,5-Trichlorophenol	180	U	1800	180
92-52-4	Diphenyl	160	U	1800	160
91-58-7	2-Chloronaphthalene	41	U	1800	41
88-74-4	2-Nitroaniline	60	U	1800	60
606-20-2	2,6-Dinitrotoluene	97	U	370	97
131-11-3	Dimethyl phthalate	53	U	1800	53
208-96-8	Acenaphthylene	47	U	1800	47
99-09-2	3-Nitroaniline	54	U	1800	54
83-32-9	Acenaphthene	590	J	1800	44

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: z38468.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:48

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0443(g) | Date Analyzed: 11/10/2015 14:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	870	U	3700	870
51-28-5	2,4-Dinitrophenol	1400	U	1500	1400
132-64-9	Dibenzofuran	55	U	1800	55
84-66-2	Diethyl phthalate	52	U	1800	52
86-73-7	Fluorene	40	U	1800	40
206-44-0	Fluoranthene	54	U	1800	54
84-74-2	Di-n-butyl phthalate	54	U	1800	54
121-14-2	2,4-Dinitrotoluene	72	U	370	72
7005-72-3	4-Chlorophenyl phenyl ether	54	U	1800	54
100-01-6	4-Nitroaniline	69	U	1800	69
534-52-1	4,6-Dinitro-2-methylphenol	490	U	1500	490
101-55-3	4-Bromophenyl phenyl ether	57	U	1800	57
1912-24-9	Atrazine	81	U	730	81
120-12-7	Anthracene	170	U	1800	170
86-74-8	Carbazole	45	U	1800	45
85-01-8	Phenanthrene	310	J	1800	48
87-86-5	Pentachlorophenol	220	U	1500	220
129-00-0	Pyrene	120	J	1800	83
218-01-9	Chrysene	50	U	1800	50
207-08-9	Benzo[k]fluoranthene	79	U	180	79
191-24-2	Benzo[g,h,i]perylene	100	U	1800	100
205-99-2	Benzo[b]fluoranthene	71	U	180	71
50-32-8	Benzo[a]pyrene	55	U	180	55
56-55-3	Benzo[a]anthracene	150	U	180	150
86-30-6	N-Nitrosodiphenylamine	170	U	1800	170
85-68-7	Butyl benzyl phthalate	56	U	1800	56
117-81-7	Bis(2-ethylhexyl) phthalate	660	J	1800	71
117-84-0	Di-n-octyl phthalate	92	U	1800	92
193-39-5	Indeno[1,2,3-cd]pyrene	120	U	180	120
53-70-3	Dibenz(a,h)anthracene	95	U	180	95
91-94-1	3,3'-Dichlorobenzidine	200	U	730	200
95-94-3	1,2,4,5-Tetrachlorobenzene	390	J	1800	140
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1800	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: z38468.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:48

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0443(g) | Date Analyzed: 11/10/2015 14:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	70		28-92
4165-62-2	Phenol-d5	62		22-88
1718-51-0	Terphenyl-d14	57		16-114
118-79-6	2,4,6-Tribromophenol	40		10-95
367-12-4	2-Fluorophenol	63		21-84
321-60-8	2-Fluorobiphenyl	71		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: z38468.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:48

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0443(g) | Date Analyzed: 11/10/2015 14:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 490000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown alkane	6.66	23000	J
6165-40-8	Pentadecane, 7-methyl-	6.98	34000	J N
629-59-4	Tetradecane	7.20	37000	J N
2051-62-9	1,1'-Biphenyl, 4-chloro-	7.28	18000	J N
	Unknown alkane	7.51	15000	J
941-81-1	Azulene, 4,6,8-trimethyl-	7.63	14000	J N
544-76-3	Hexadecane	7.70	39000	J N
	Unknown	7.80	16000	J
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.89	47000	J N
6418-41-3	Tridecane, 3-methyl-	7.91	24000	J N
2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-	8.30	14000	J N
55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	8.81	31000	J N
	Unknown Substituted Biphenyl	8.97	16000	J
	Unknown	9.03	18000	J
7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	9.07	46000	J N
	Unknown Substituted Biphenyl	9.14	29000	J
	Unknown Substituted Biphenyl	9.20	15000	J
	Unknown Substituted Biphenyl	9.33	17000	J
35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	9.50	17000	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.83	20000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D
Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:56:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-019
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 14:35:30 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 14:45:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.896	2.873	0.023	90	26227	6.27	
$ 6 Phenol-d5	99	3.802	3.808	-0.006	86	32353	6.25	
* 14 1,4-Dichlorobenzene-d4	152	4.161	4.149	0.012	96	128893	40.0	
22 Acetophenone	105	4.561	4.573	-0.012	75	772	0.1494	
$ 26 Nitrobenzene-d5	82	4.714	4.720	-0.006	93	26067	6.97	
* 38 Naphthalene-d8	136	5.449	5.438	0.011	99	408368	40.0	
40 4-Chloroaniline	127	5.532	5.532	0.000	95	6399	1.58	
44 2-Methylnaphthalene	142	6.173	6.167	0.006	85	2506	0.3581	
47 1,2,4,5-Tetrachlorobenzene	216	6.349	6.343	0.006	92	2423	1.06	
$ 51 2-Fluorobiphenyl	172	6.543	6.543	0.000	99	39636	7.14	
* 65 Acenaphthene-d10	164	7.220	7.202	0.018	93	134680	40.0	
67 Acenaphthene	154	7.249	7.243	0.006	88	6859	1.62	
$ 80 2,4,6-Tribromophenol	330	8.008	7.996	0.012	91	2478	4.03	
* 87 Phenanthrene-d10	188	8.708	8.678	0.030	98	158542	40.0	
88 Phenanthrene	178	8.731	8.708	0.023	86	3921	0.8399	
94 Pyrene	202	10.120	10.102	0.018	64	1212	0.3175	
$ 96 Terphenyl-d14	244	10.272	10.267	0.005	98	15698	5.74	
* 102 Chrysene-d12	240	11.437	11.431	0.006	99	88865	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.478	11.484	-0.006	87	3423	1.80	
* 109 Perylene-d12	264	13.337	13.337	0.000	97	101342	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D
Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:56:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-019
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 14:35:30 Calib Date: 02-Nov-2015 21:11:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 14:45:19

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown alkane						
6.661	2742914	61.7	65	0	0		0	
	6165-40-8	Pentadecane, 7-methyl-						
6.984	4157581	93.5	65	90	73980	C16H34	226	
	629-59-4	Tetradecane						
7.196	4491709	101.0	65	96	55007	C14H30	198	
	2051-62-9	1,1'-Biphenyl, 4-chloro-						
7.284	2133199	48.0	65	98	48020	C12H9Cl	188	
		Unknown alkane						
7.508	1829766	41.1	65	0	0		0	
	941-81-1	Azulene, 4,6,8-trimethyl-						
7.631	1671438	37.6	65	83	36204	C13H14	170	
	544-76-3	Hexadecane						
7.696	4723374	106.2	65	96	73967	C16H34	226	
		Unknown						
7.796	1989971	44.7	65					
	13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-						
7.890	5724658	128.7	65	99	70601	C12H8Cl2	222	
	6418-41-3	Tridecane, 3-methyl-						
7.914	2955459	66.4	65	93	55024	C14H30	198	
	2050-67-1	1,1'-Biphenyl, 3,3'-dichloro-						
8.296	7889088	39.2	87	99	70599	C12H8Cl2	222	
	55702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-						
8.814	5535440	83.2	87	98	91782	C12H7Cl3	256	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown Substituted Biphenyl						
8.967	2848936	42.8	87	0	0		0	
		Unknown						
9.031	3253410	48.9	87					
	7012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-						
9.073	8417851	126.6	87	99	91791	C12H7Cl3	256	
		Unknown Substituted Biphenyl						
9.143	5232967	78.7	87	0	0		0	
		Unknown Substituted Biphenyl						
9.202	2652760	39.9	87	0	0		0	
		Unknown Substituted Biphenyl						
9.331	3153895	47.4	87	0	0		0	
	35693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro-						
9.496	3037658	45.7	87	99	111741	C12H6Cl4	290	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.825	3617535	54.4	87	99	111742	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 65 Acenaphthene-d10	7.220	1779135	40.0
* 87 Phenanthrene-d10	8.655	8047613	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

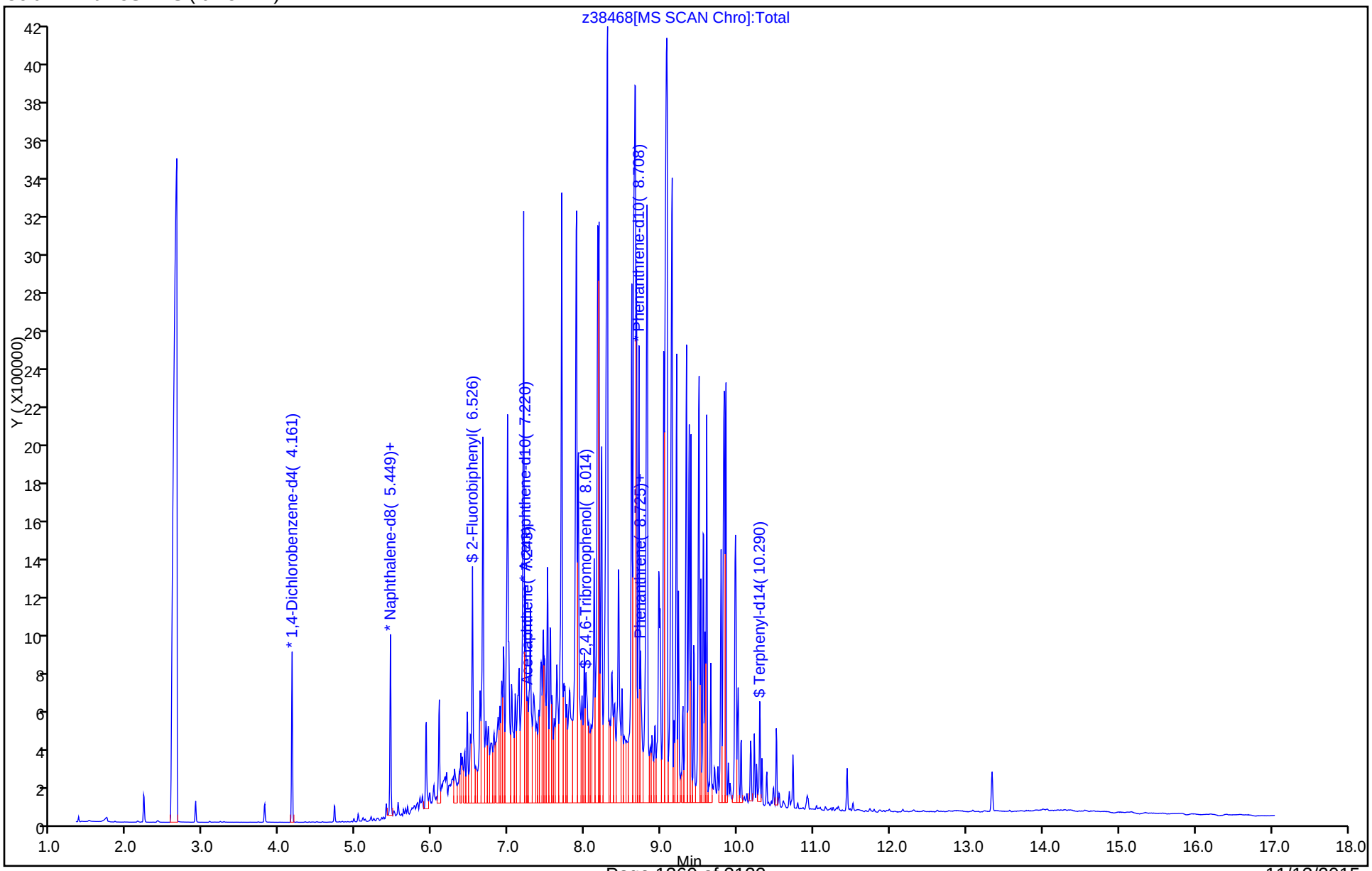
Report Date: 11-Nov-2015 14:45:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7	Worklist Smp#:	19
Client ID:	PMP-24-NW2-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	19
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

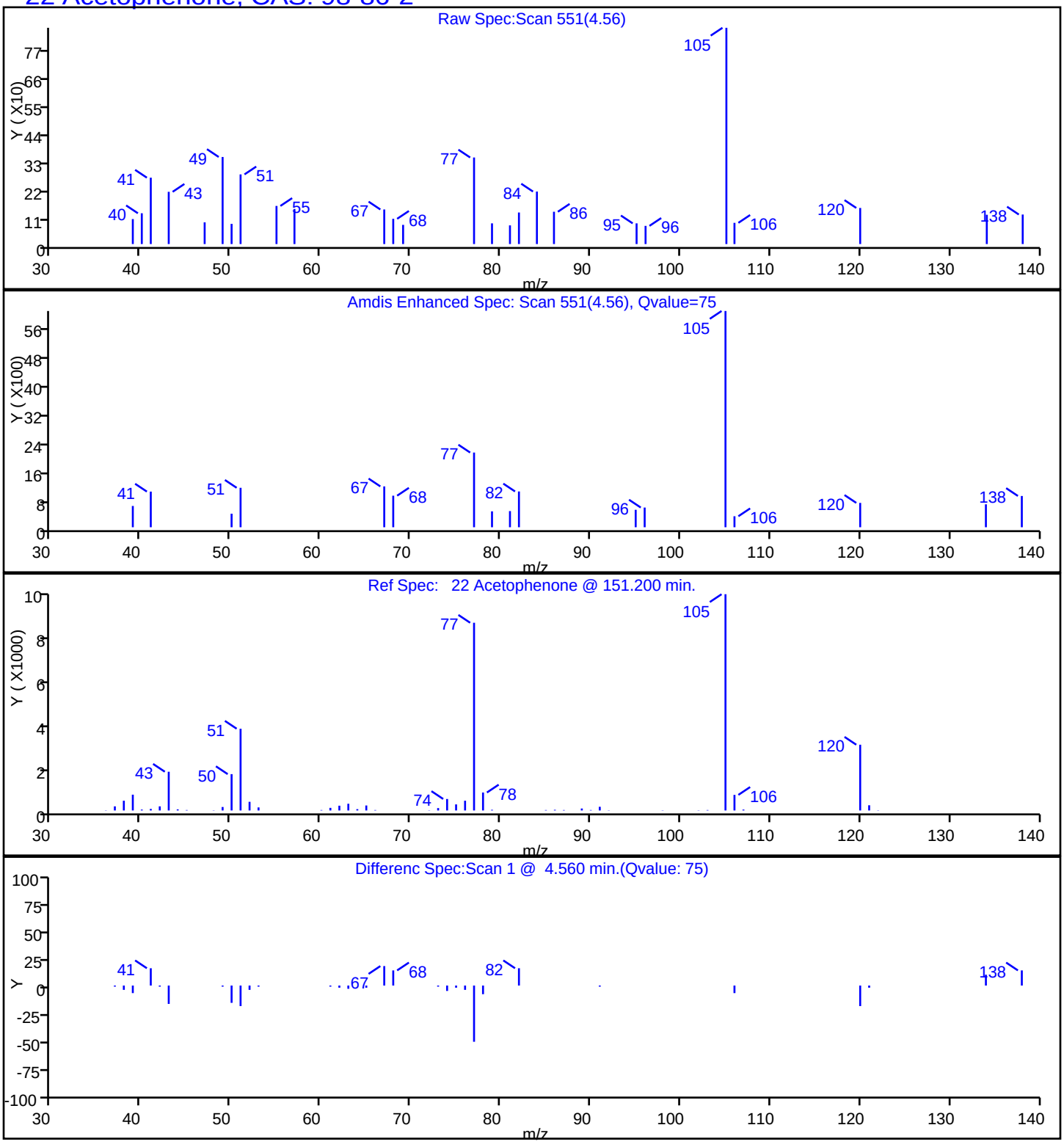
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

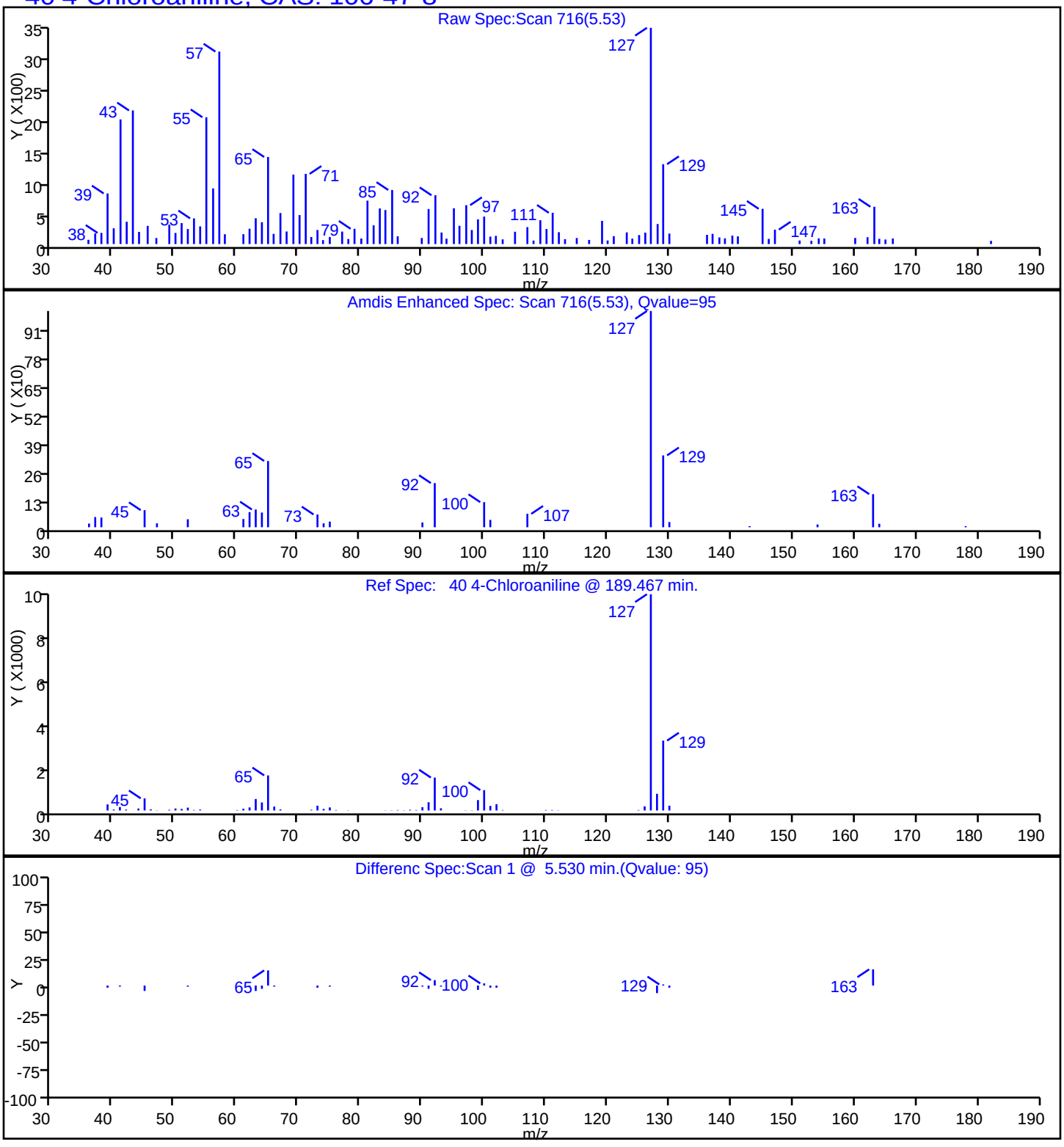
22 Acetophenone, CAS: 98-86-2



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

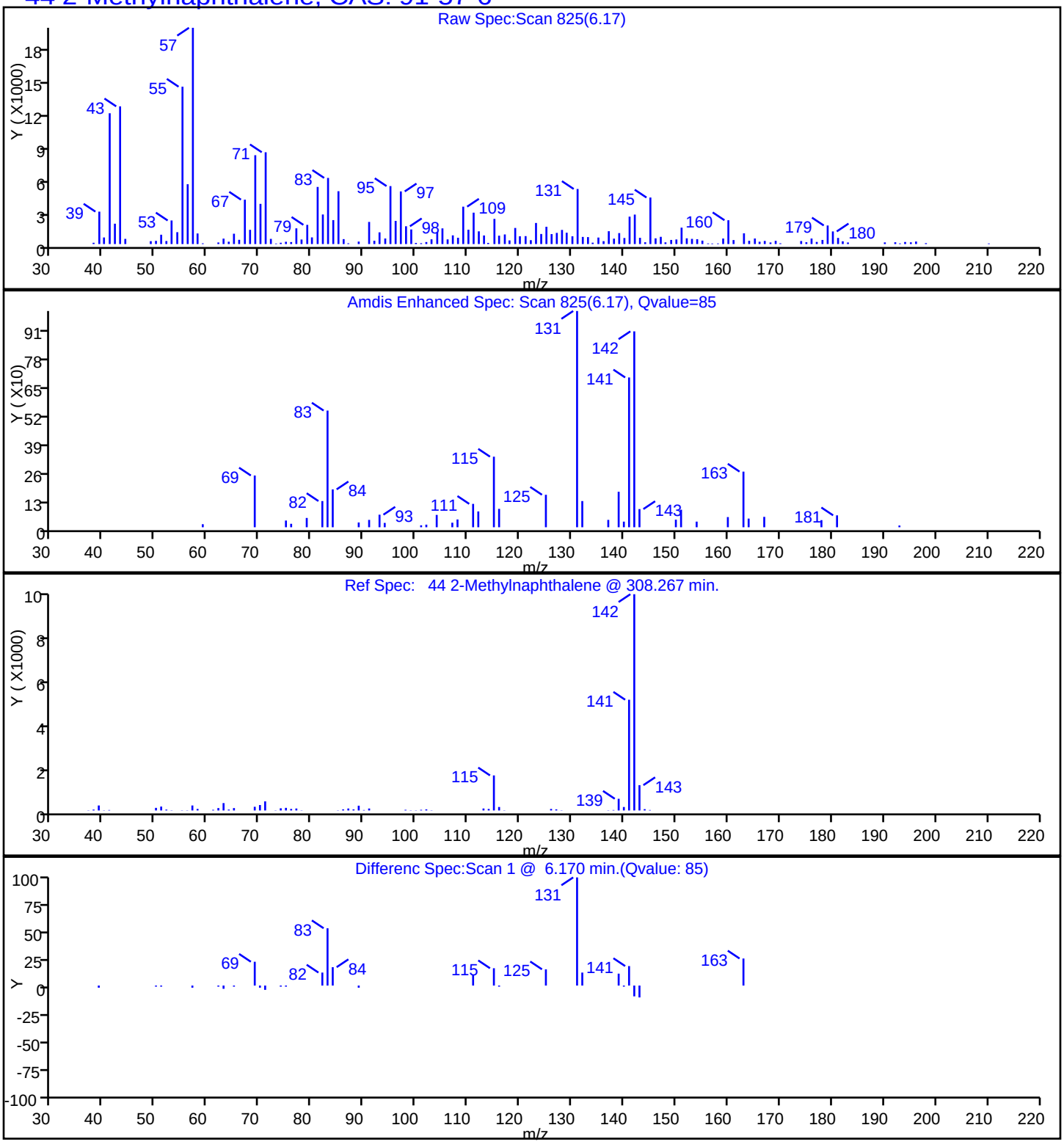
40 4-Chloroaniline, CAS: 106-47-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

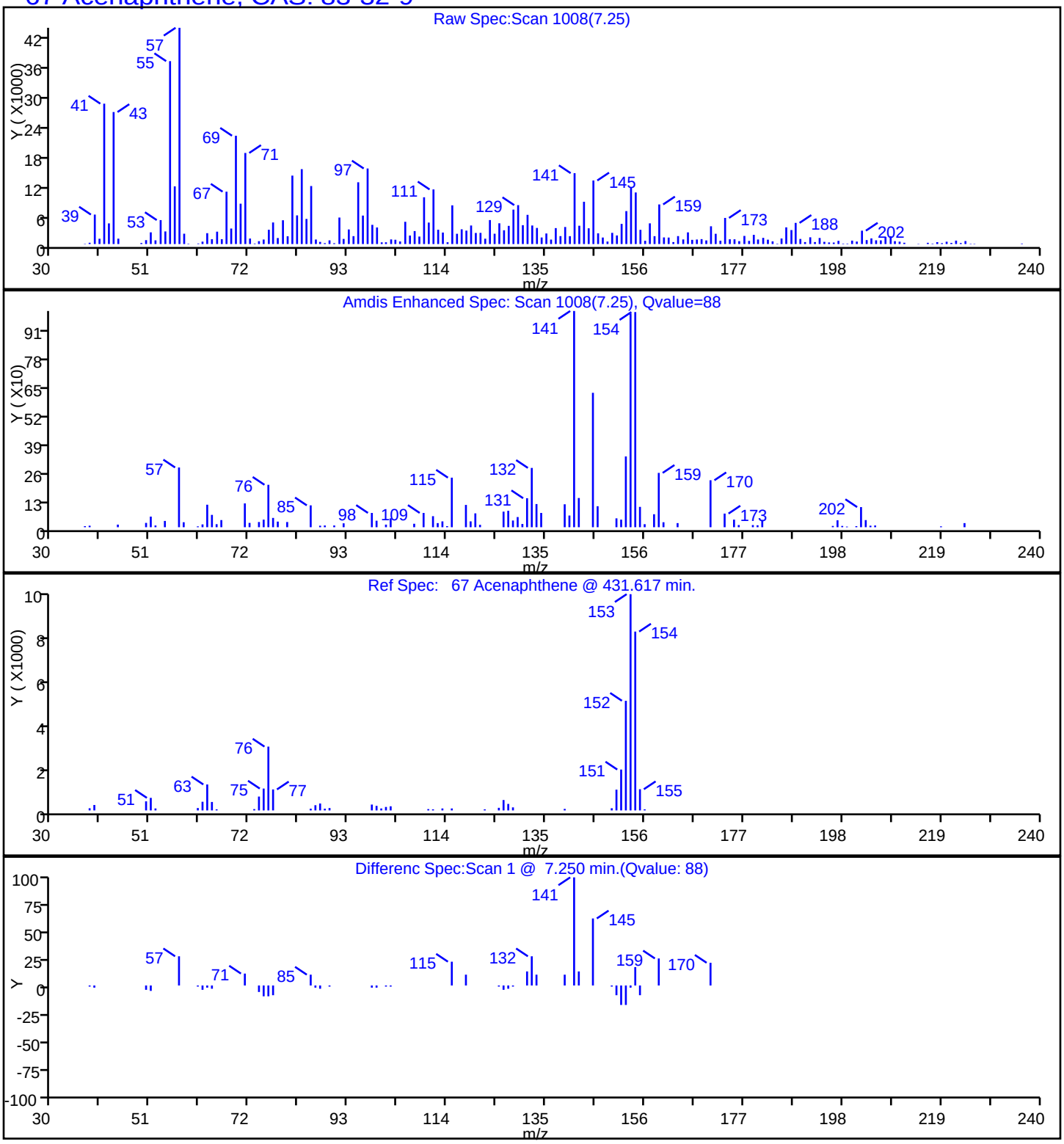
44 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

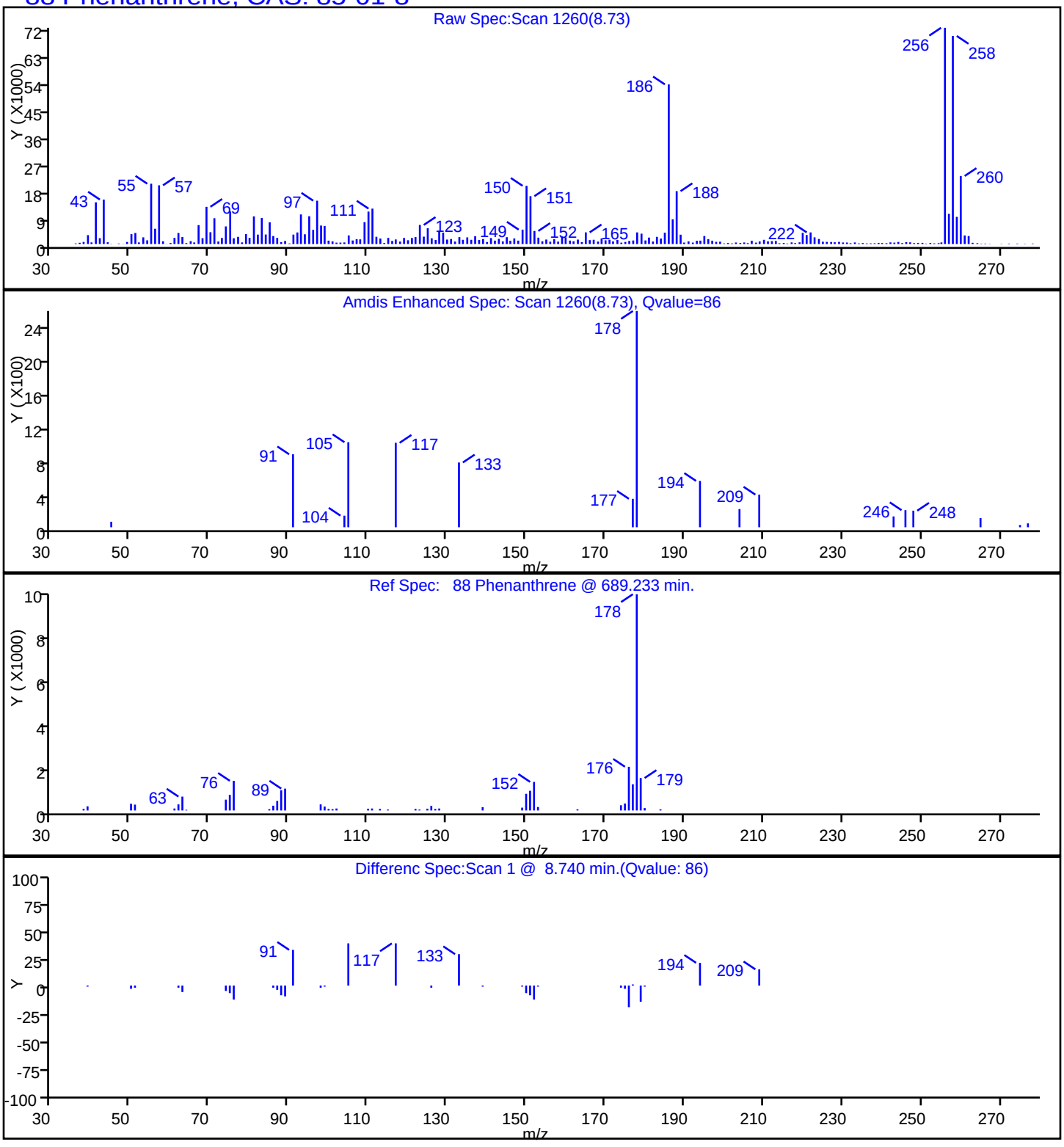
67 Acenaphthene, CAS: 83-32-9



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8



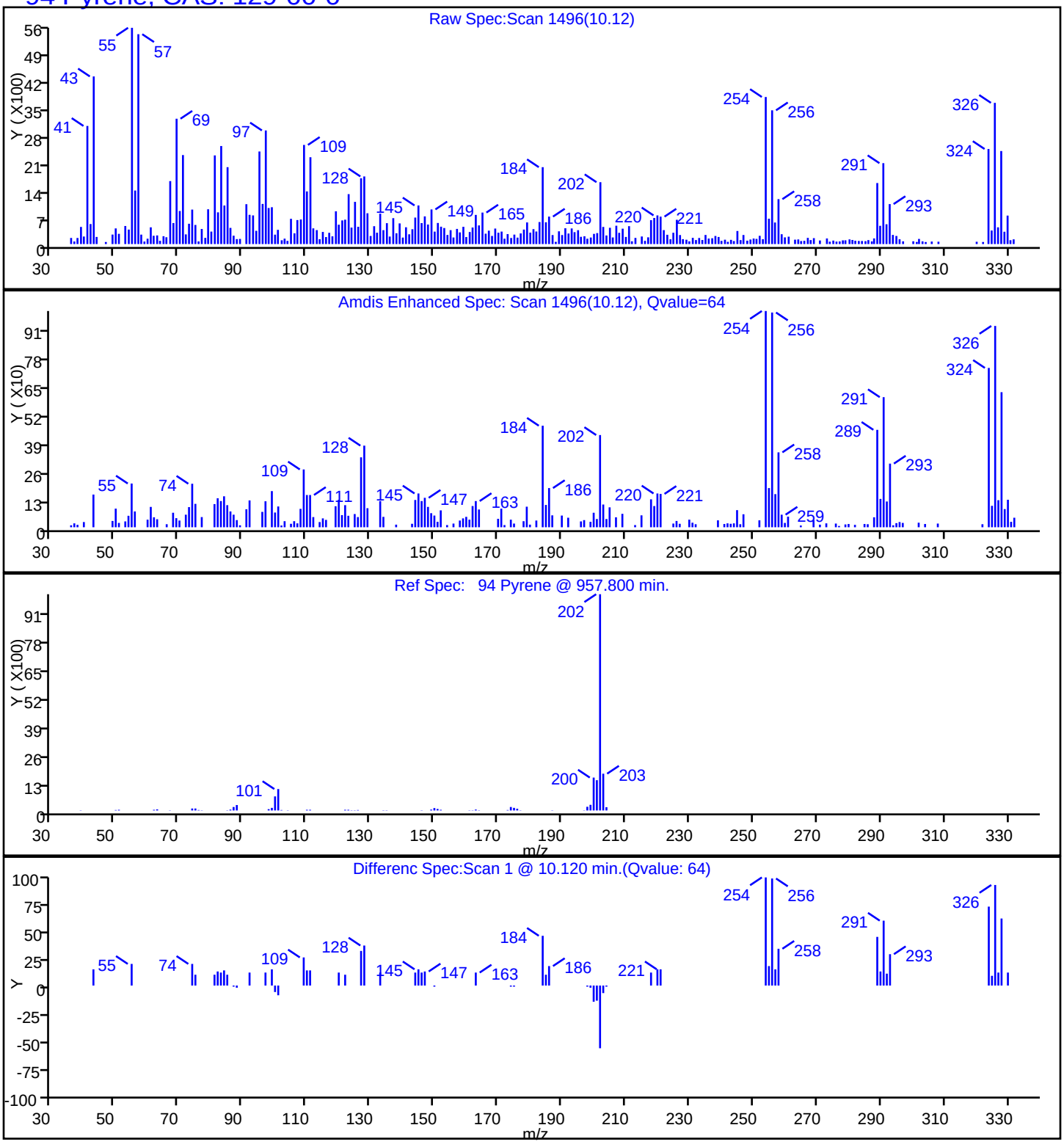
Report Date: 11-Nov-2015 14:45:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

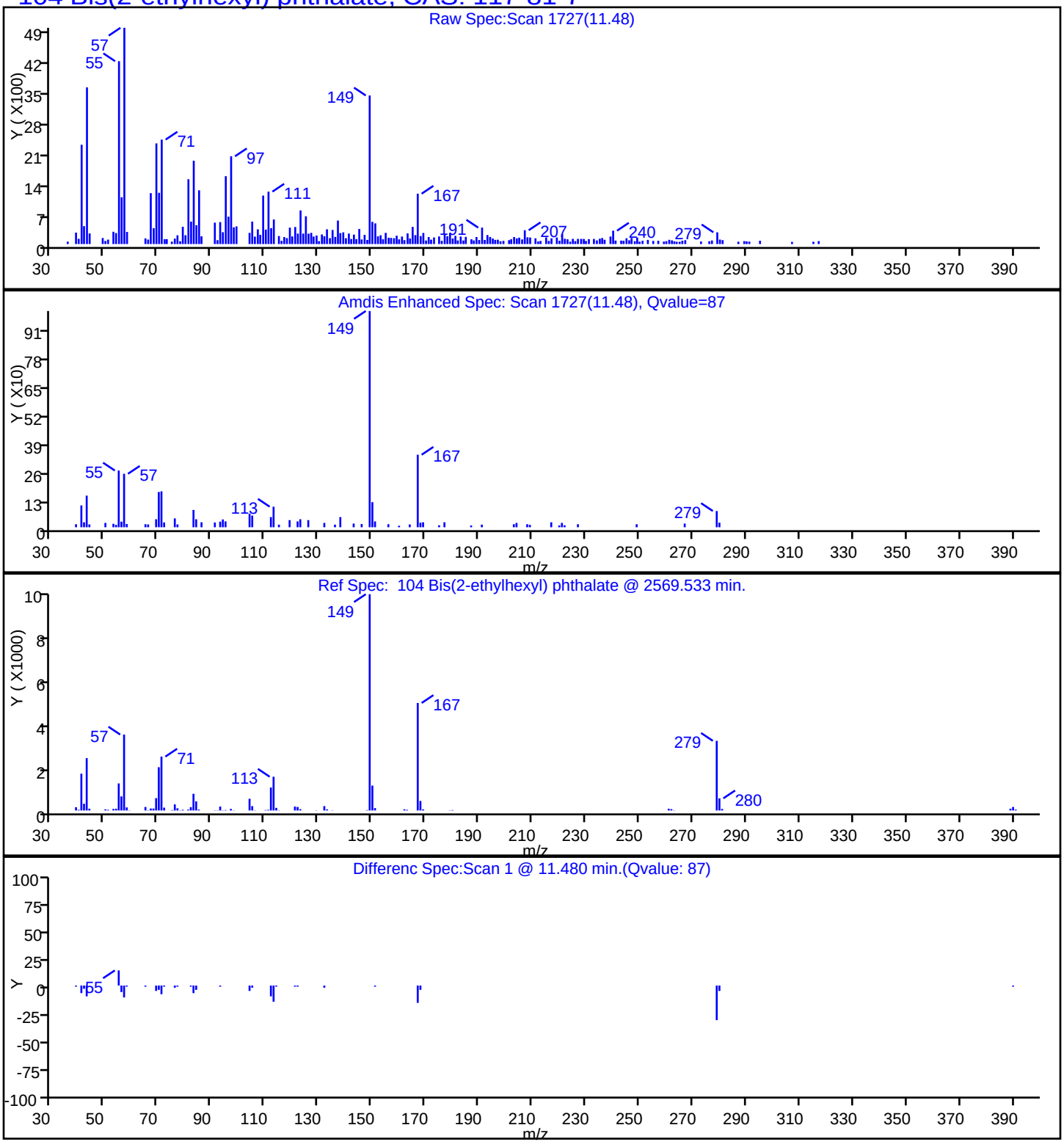
94 Pyrene, CAS: 129-00-0



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

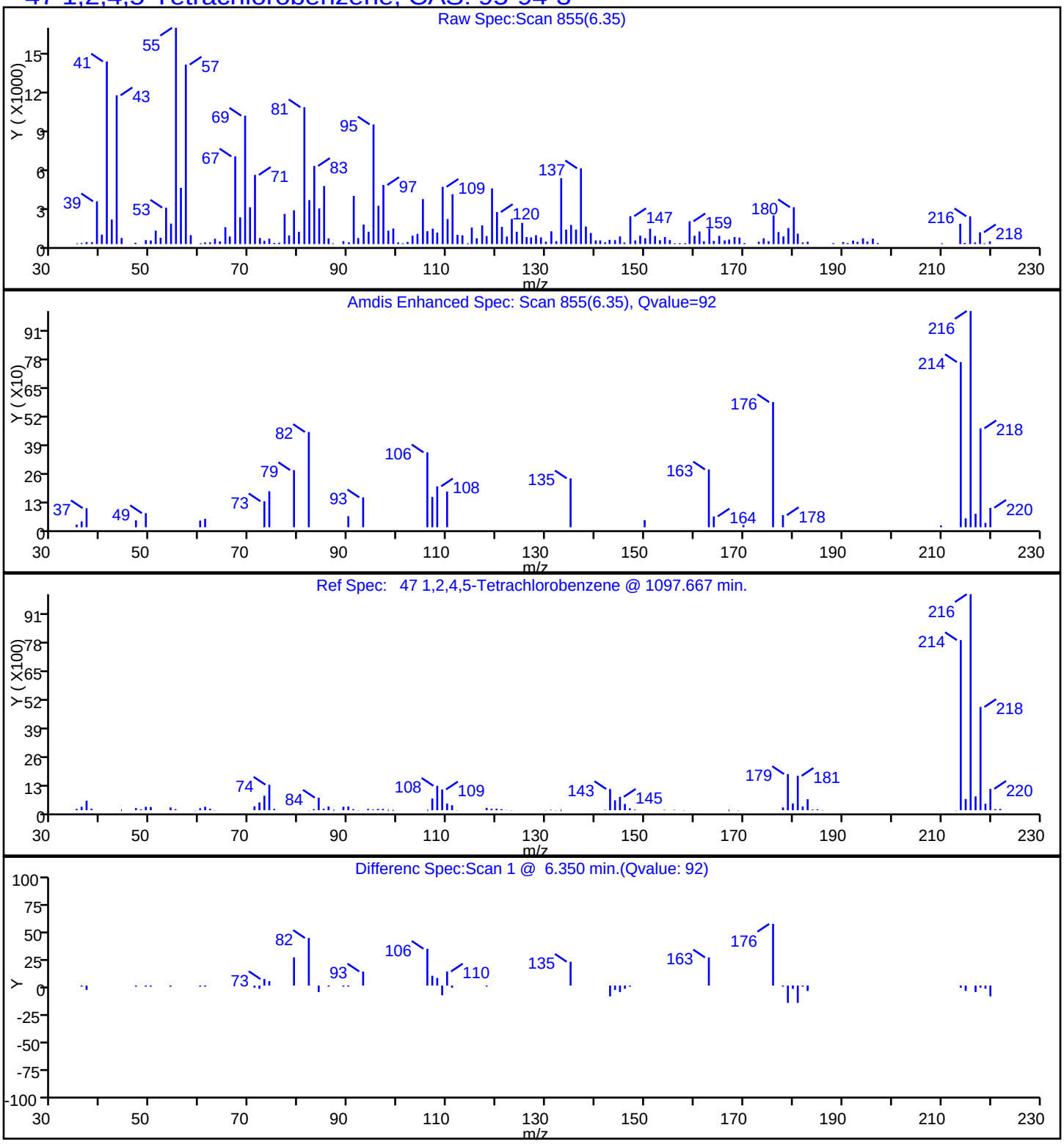
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D				
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

47 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3



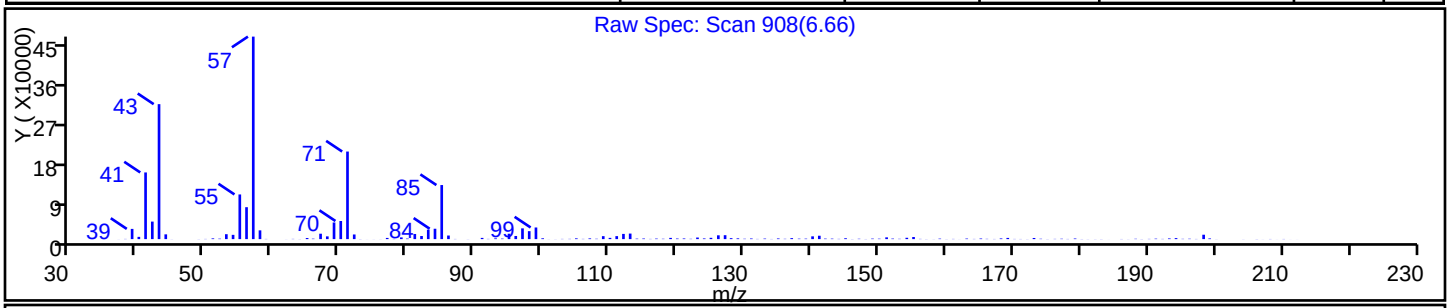
Report Date: 11-Nov-2015 14:45:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

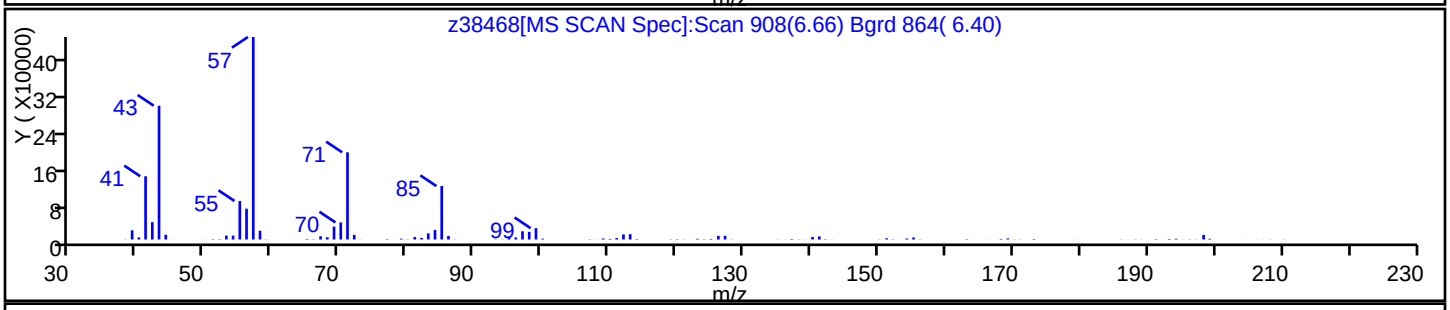
TestAmerica Edison

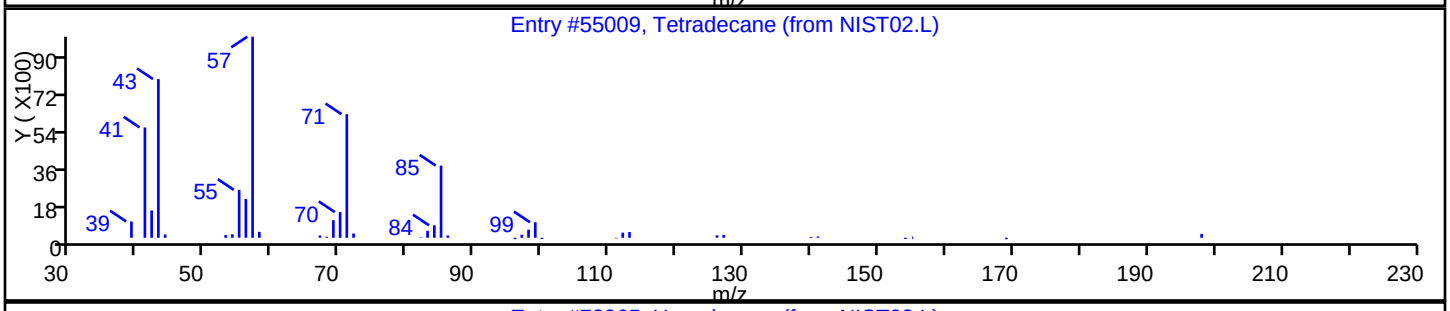
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

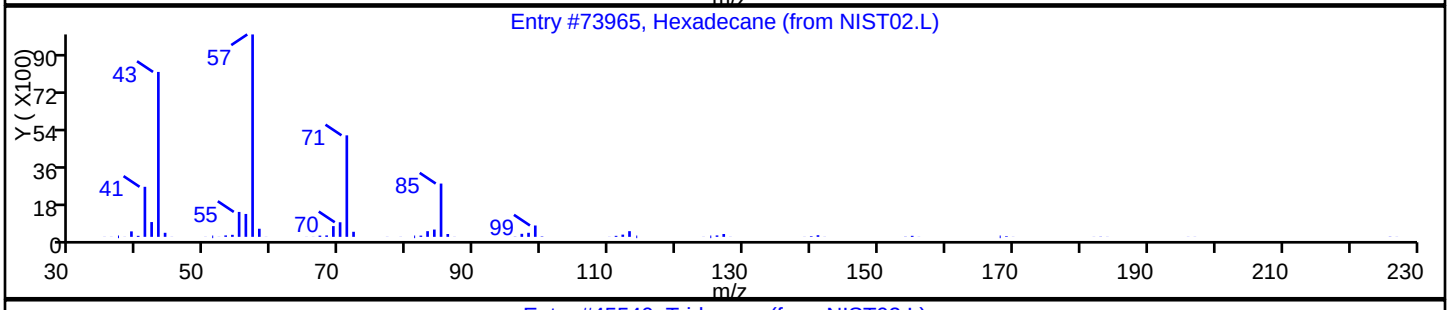
Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

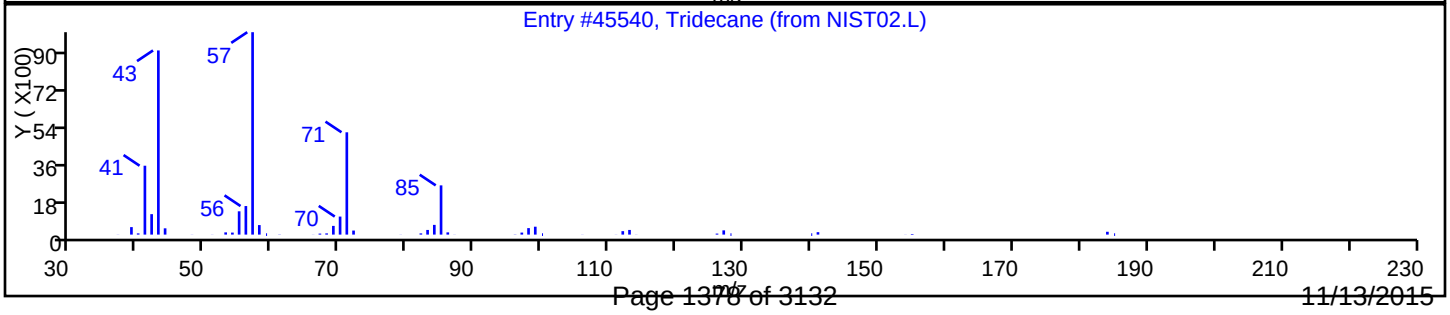
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane						
Tetradecane	629-59-4	NIST02.L	55009	C14H30	198	96
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	86
Tridecane	629-50-5	NIST02.L	45540	C13H28	184	86











Report Date: 11-Nov-2015 14:45:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

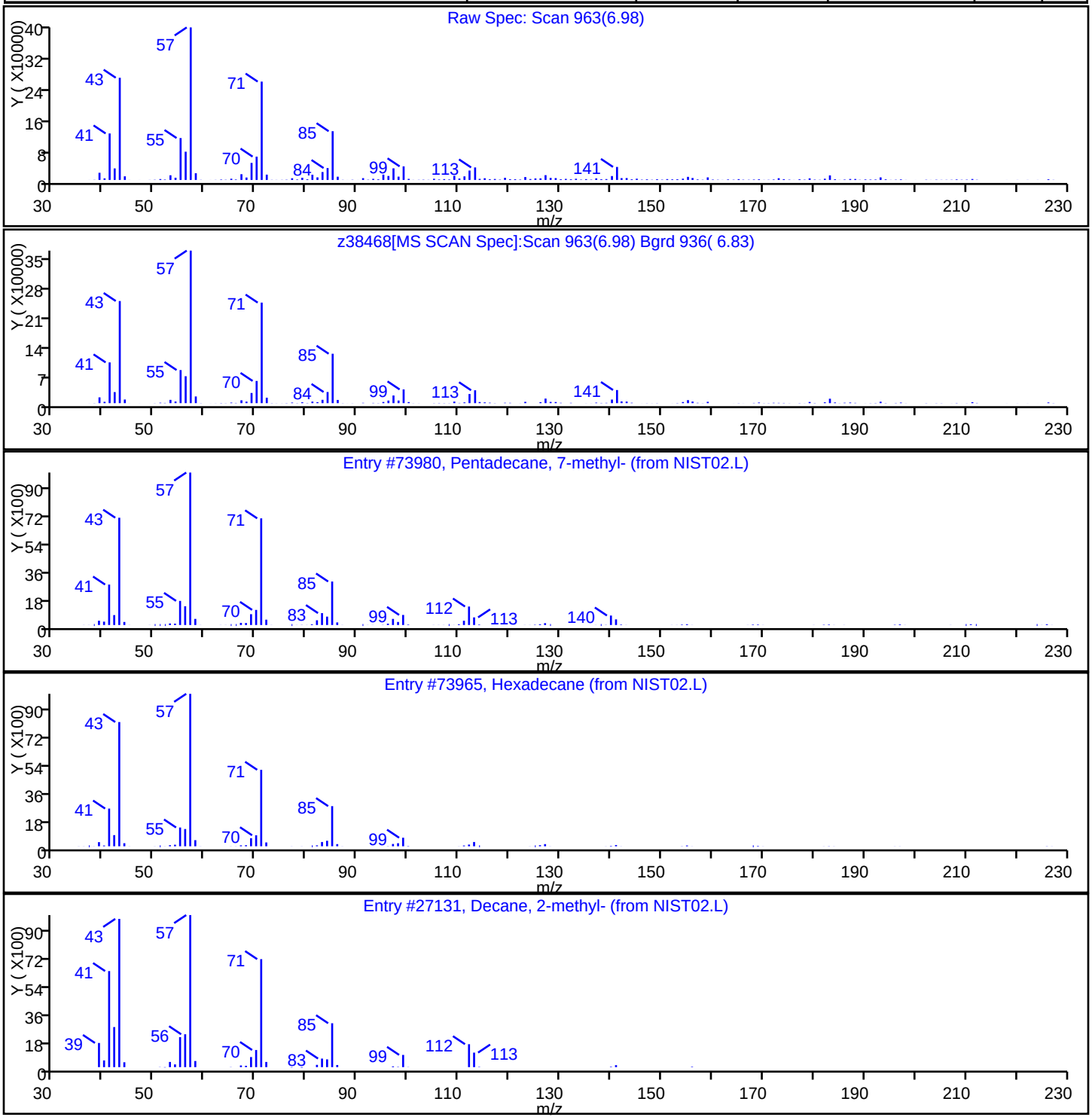
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	C11H24	156	83

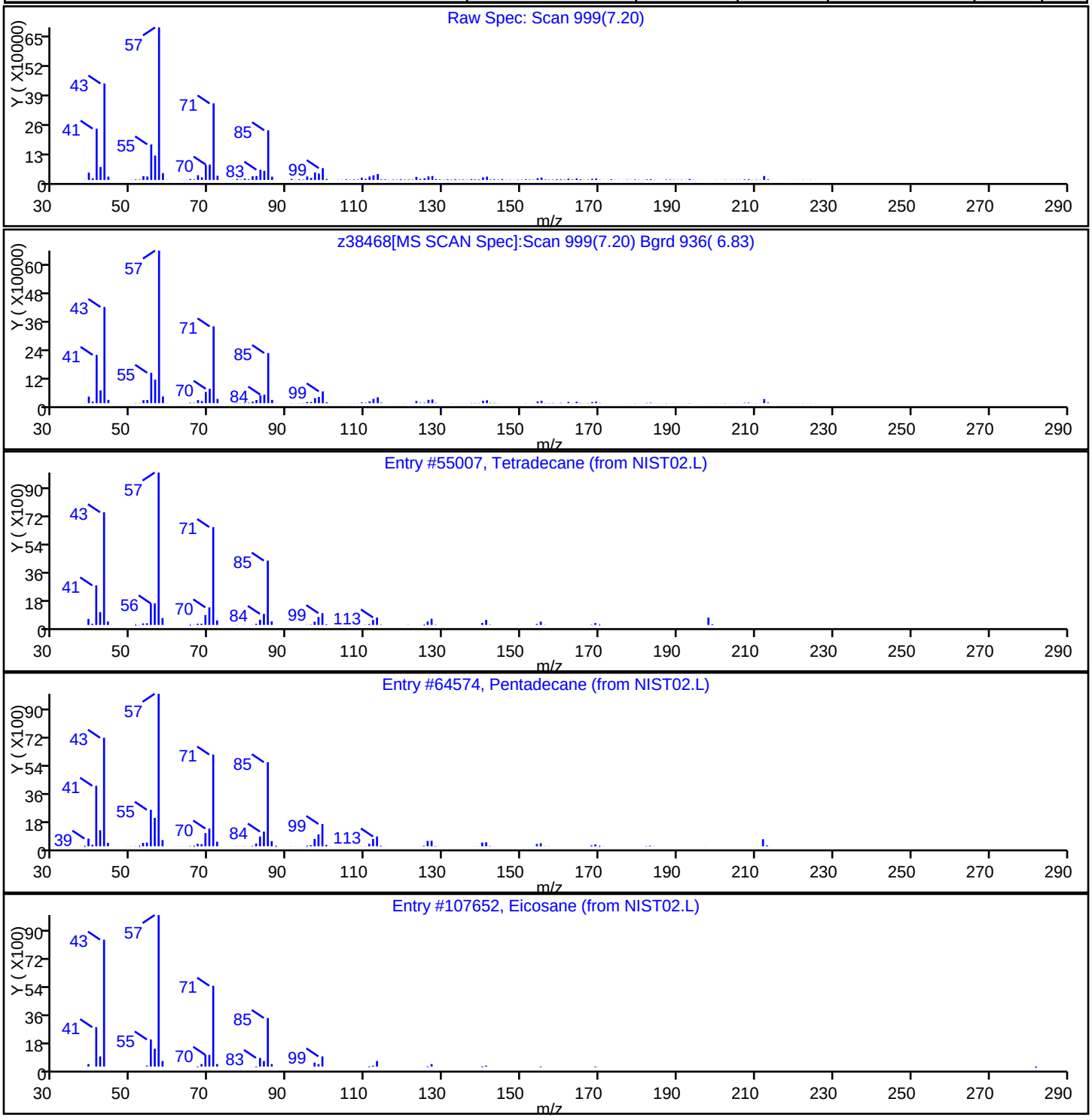


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

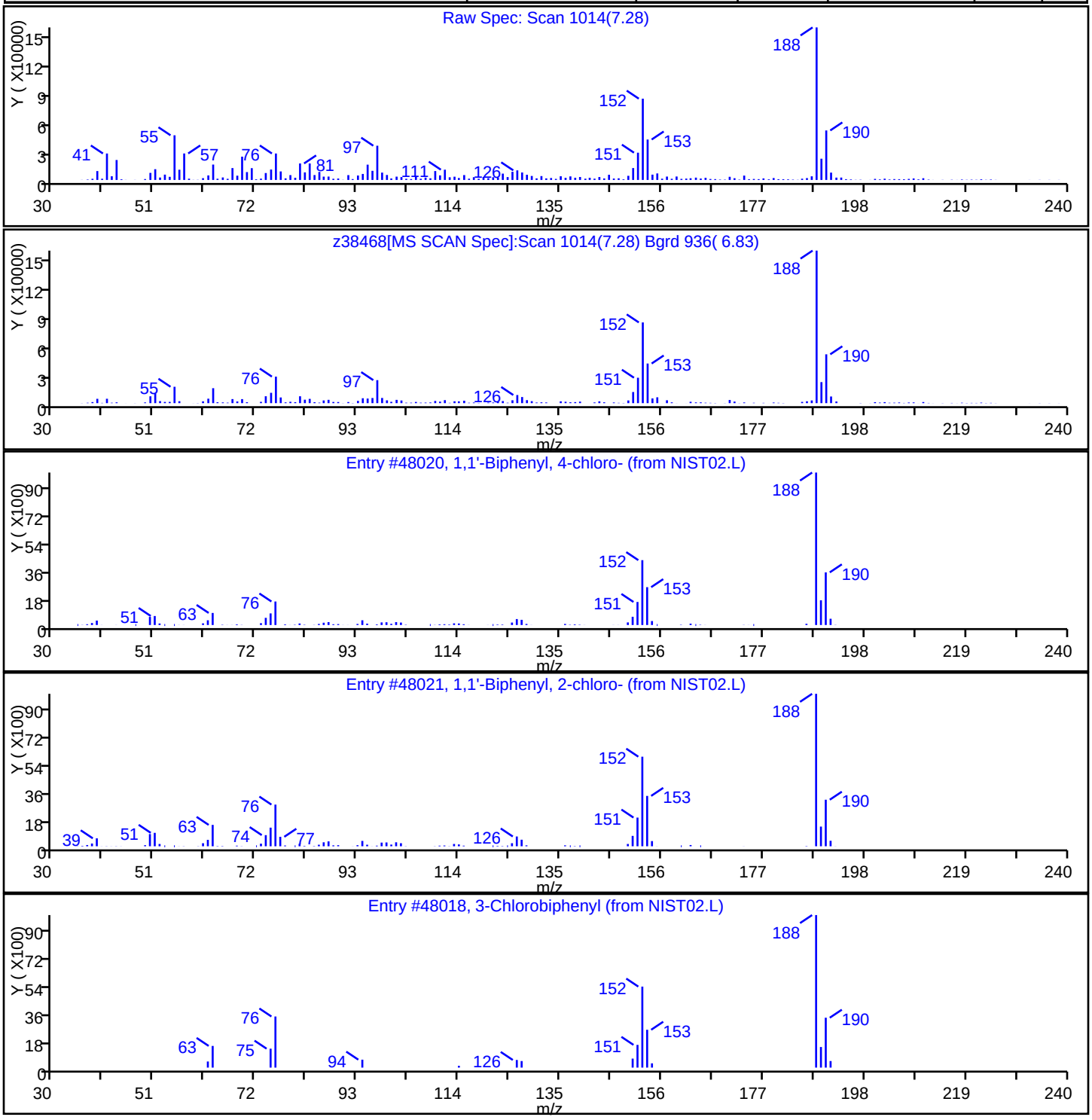
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55007	C14H30	198	96
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D
Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 4-chloro-	2051-62-9	NIST02.L	48020	C12H9Cl	188	98
1,1'-Biphenyl, 2-chloro-	2051-60-7	NIST02.L	48021	C12H9Cl	188	97
3-Chlorobiphenyl	2051-61-8	NIST02.L	48018	C12H9Cl	188	96

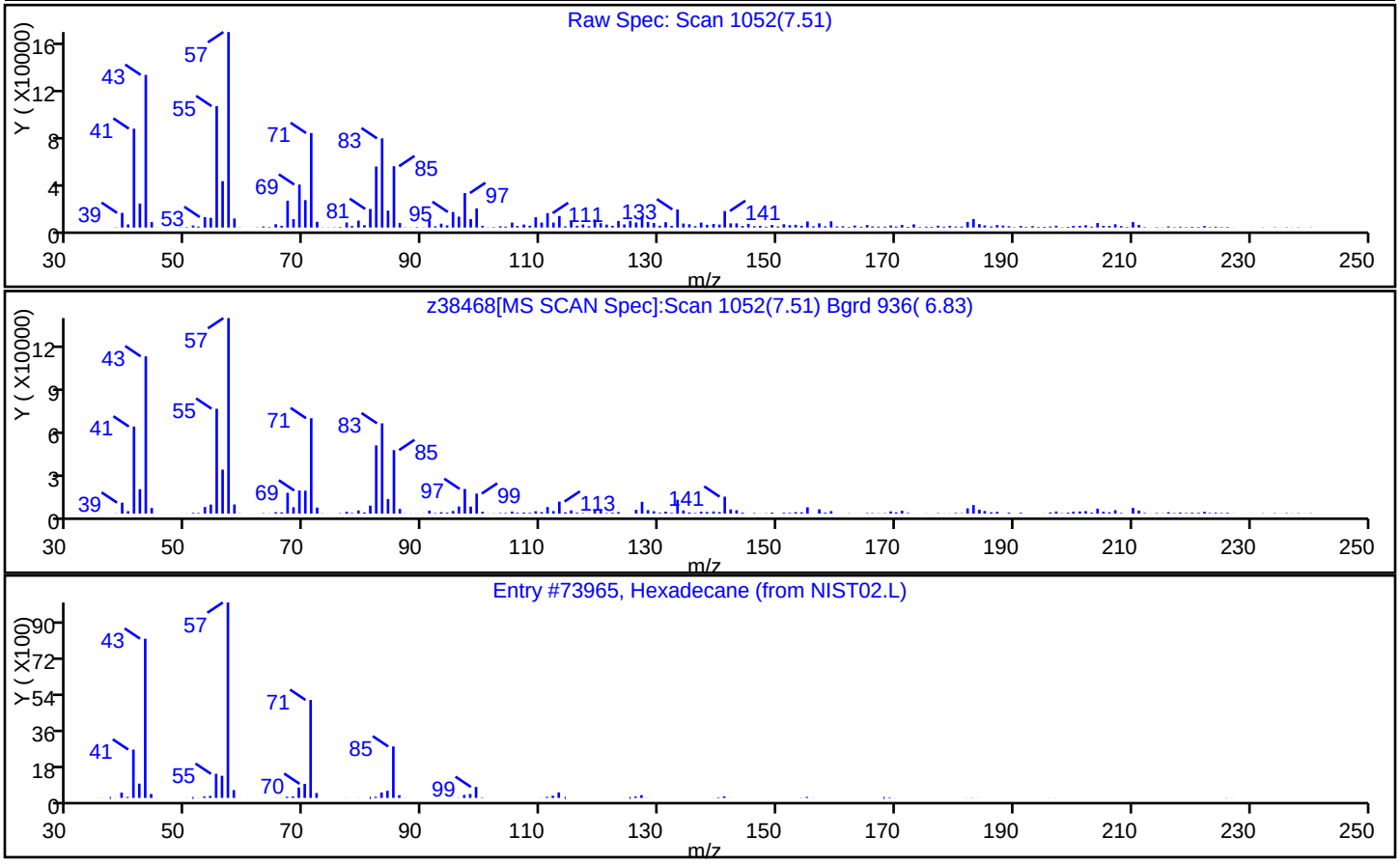


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane						
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	90

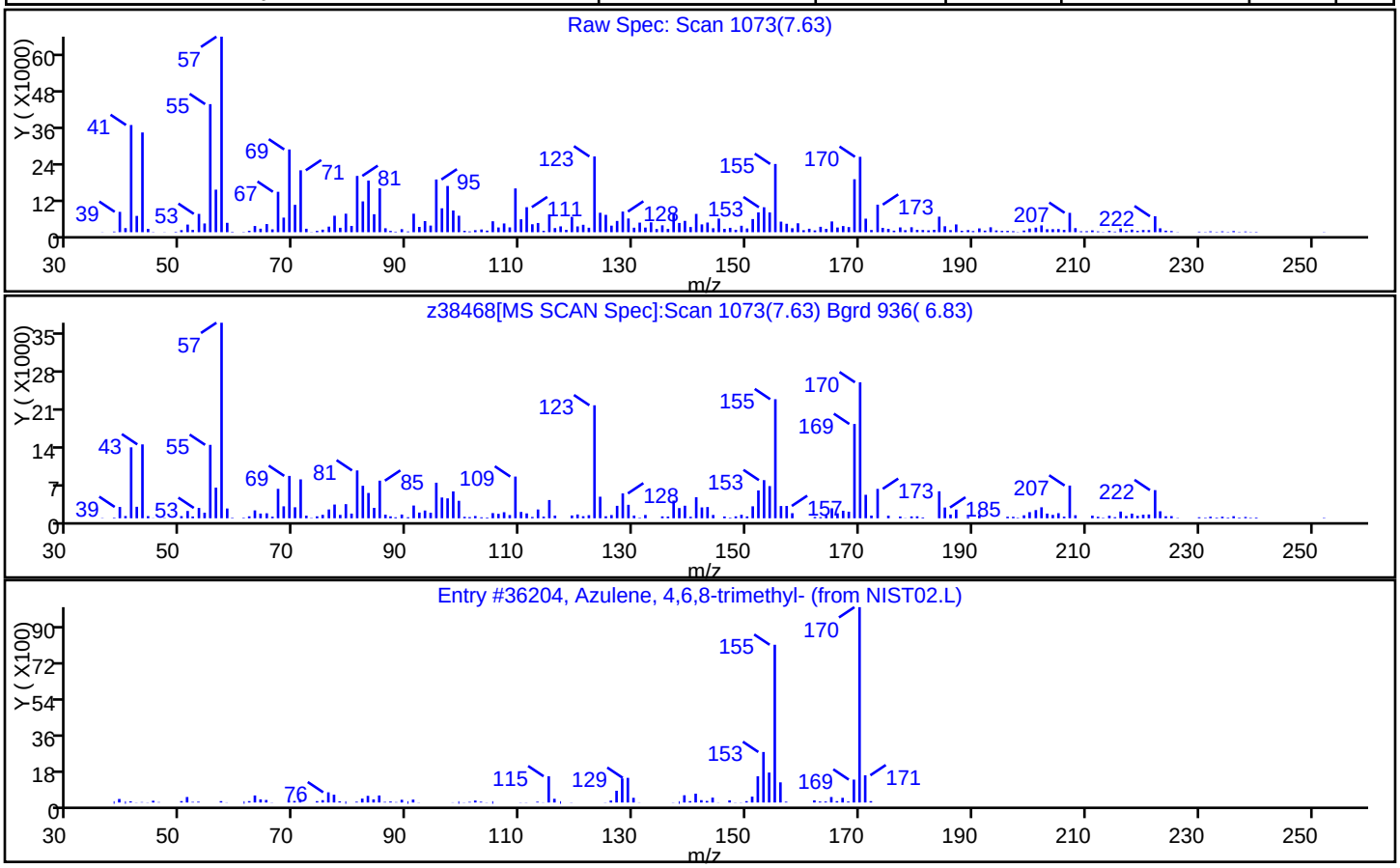


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Azulene, 4,6,8-trimethyl-	941-81-1	NIST02.L	36204	C13H14	170	83



Report Date: 11-Nov-2015 14:45:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

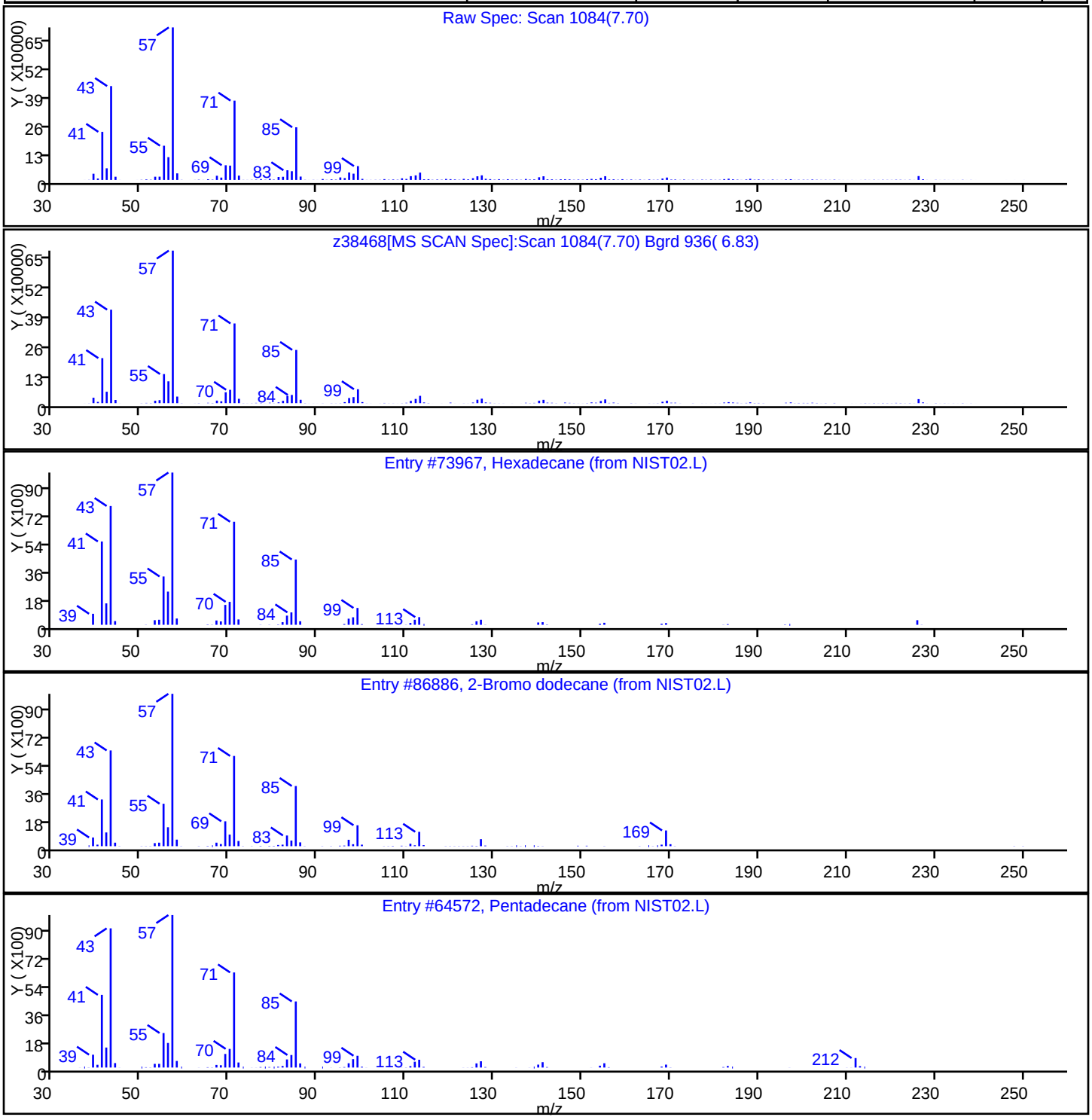
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	96
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	91
Pentadecane	629-62-9	NIST02.L	64572	C15H32	212	91



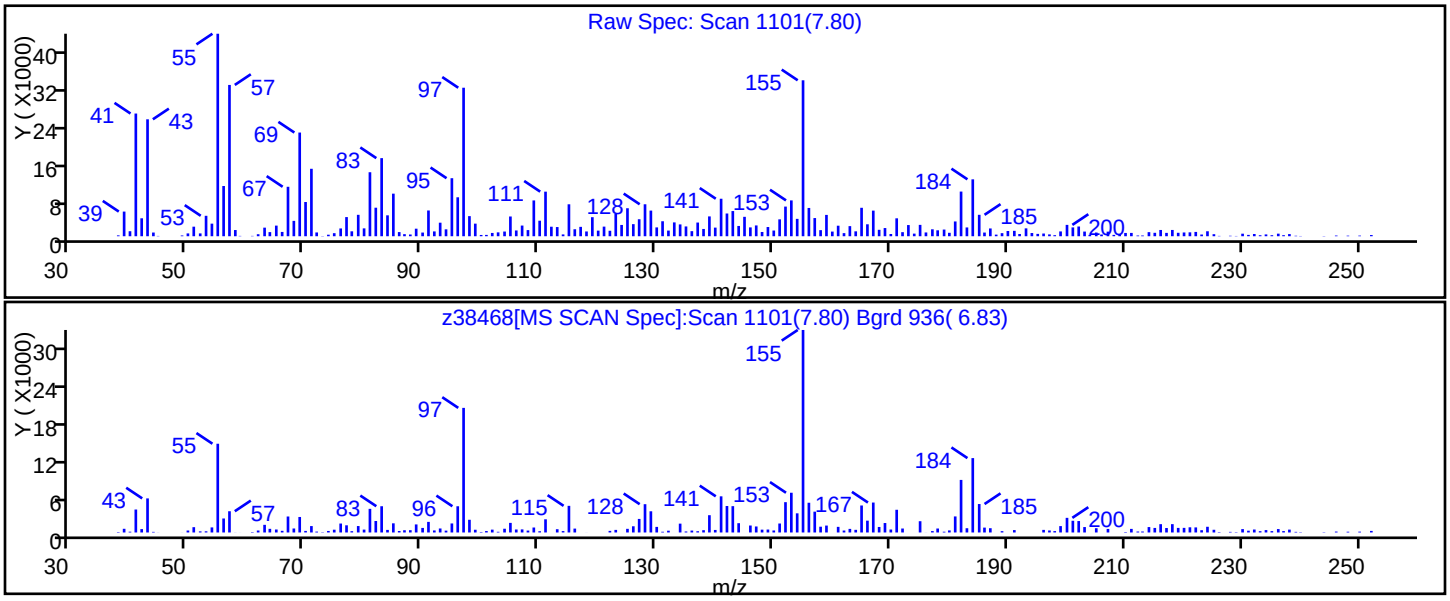
Report Date: 11-Nov-2015 14:45:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

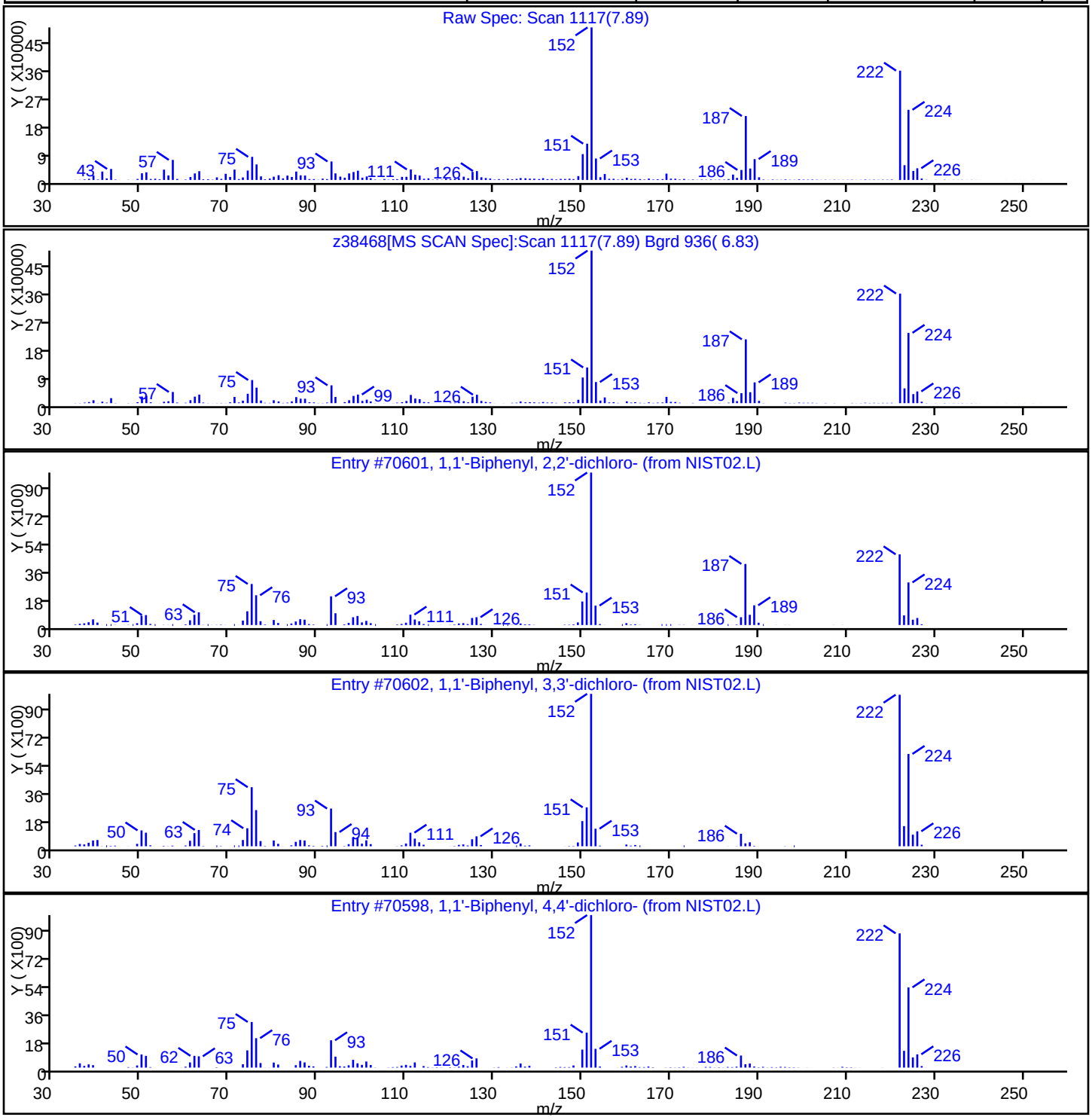


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70601	C12H8Cl2	222	99
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70602	C12H8Cl2	222	97
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	97

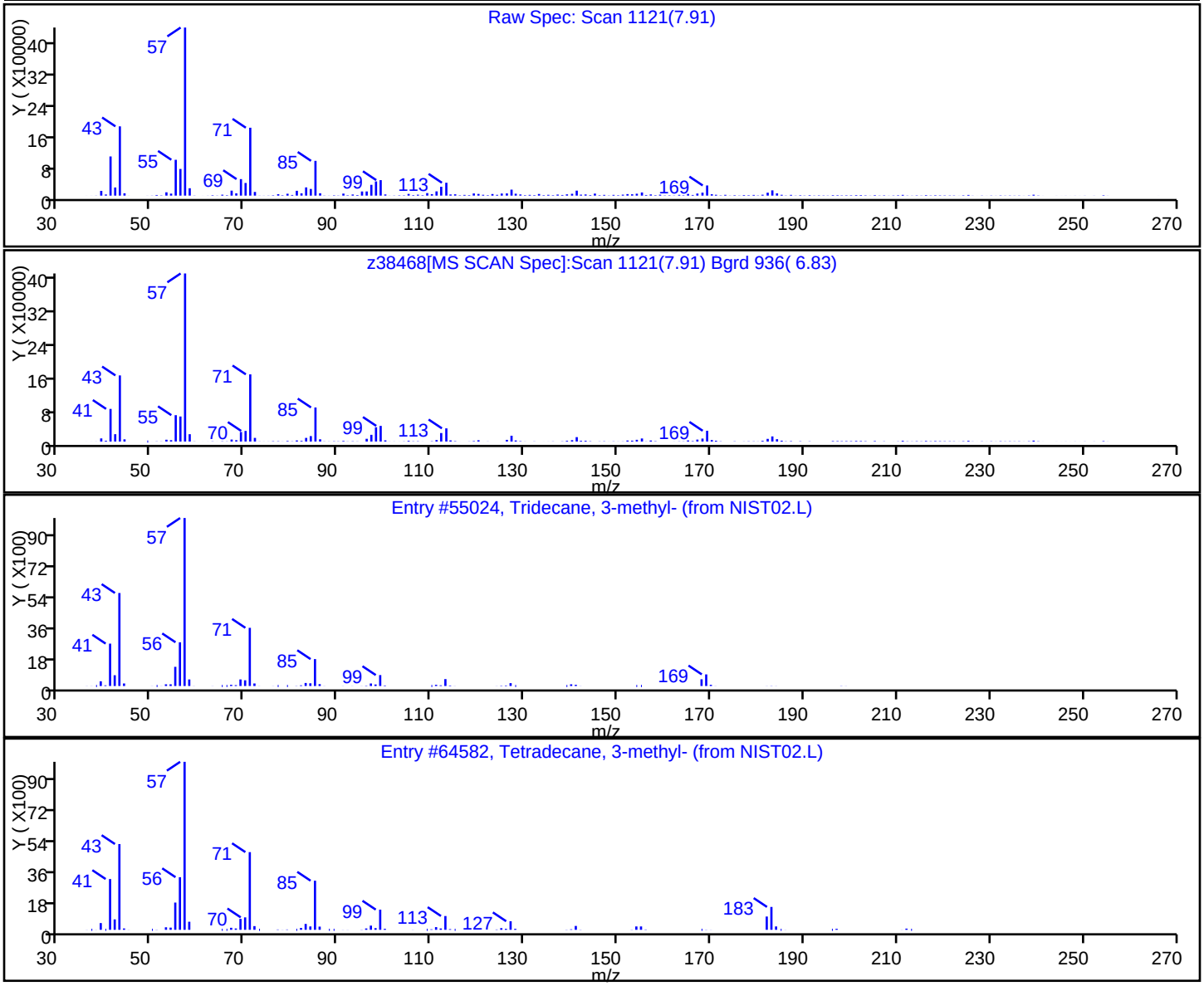


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

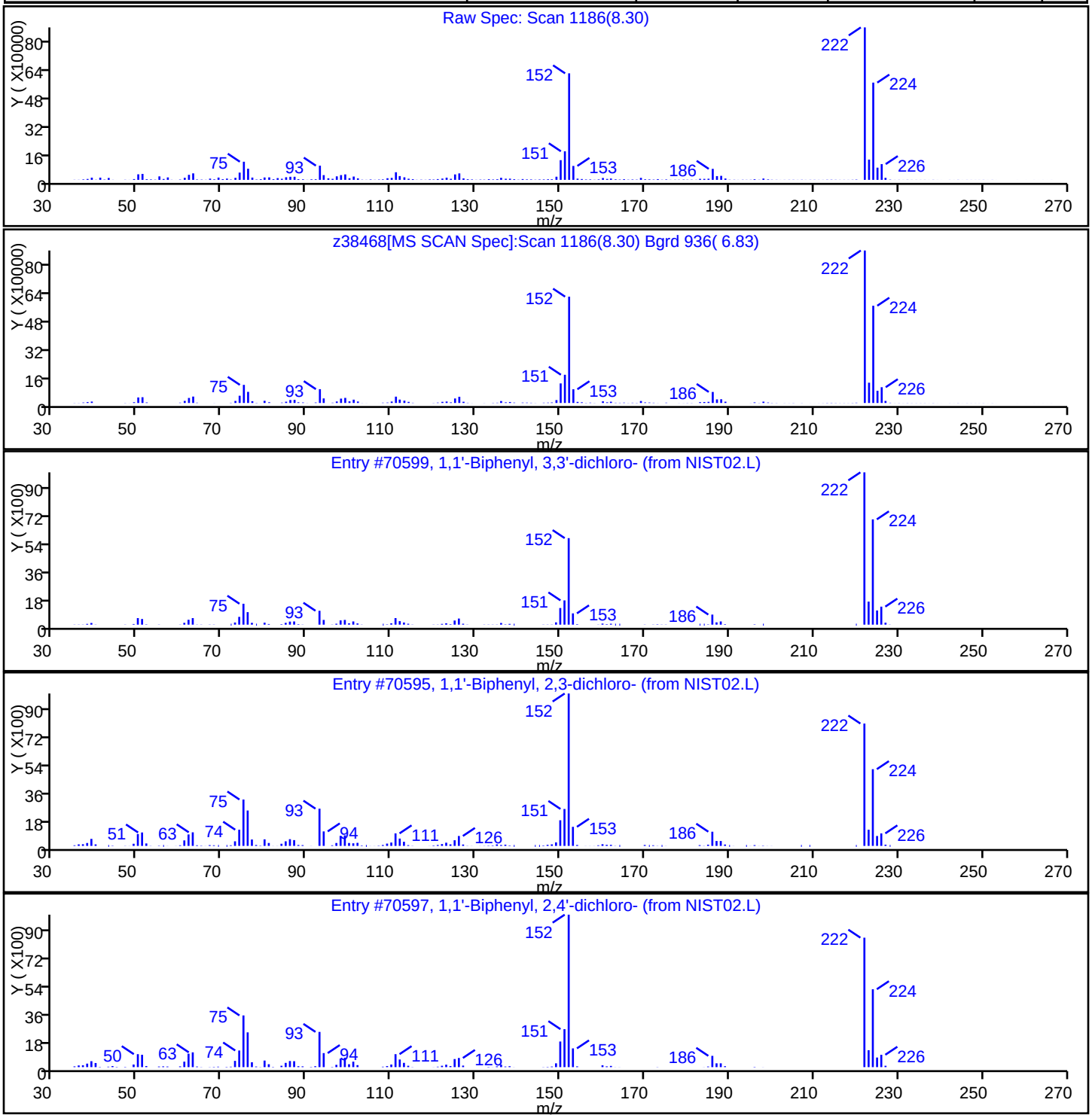
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane, 3-methyl-	6418-41-3	NIST02.L	55024	C14H30	198	93
Tetradecane, 3-methyl-	18435-22-8	NIST02.L	64582	C15H32	212	80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D
Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

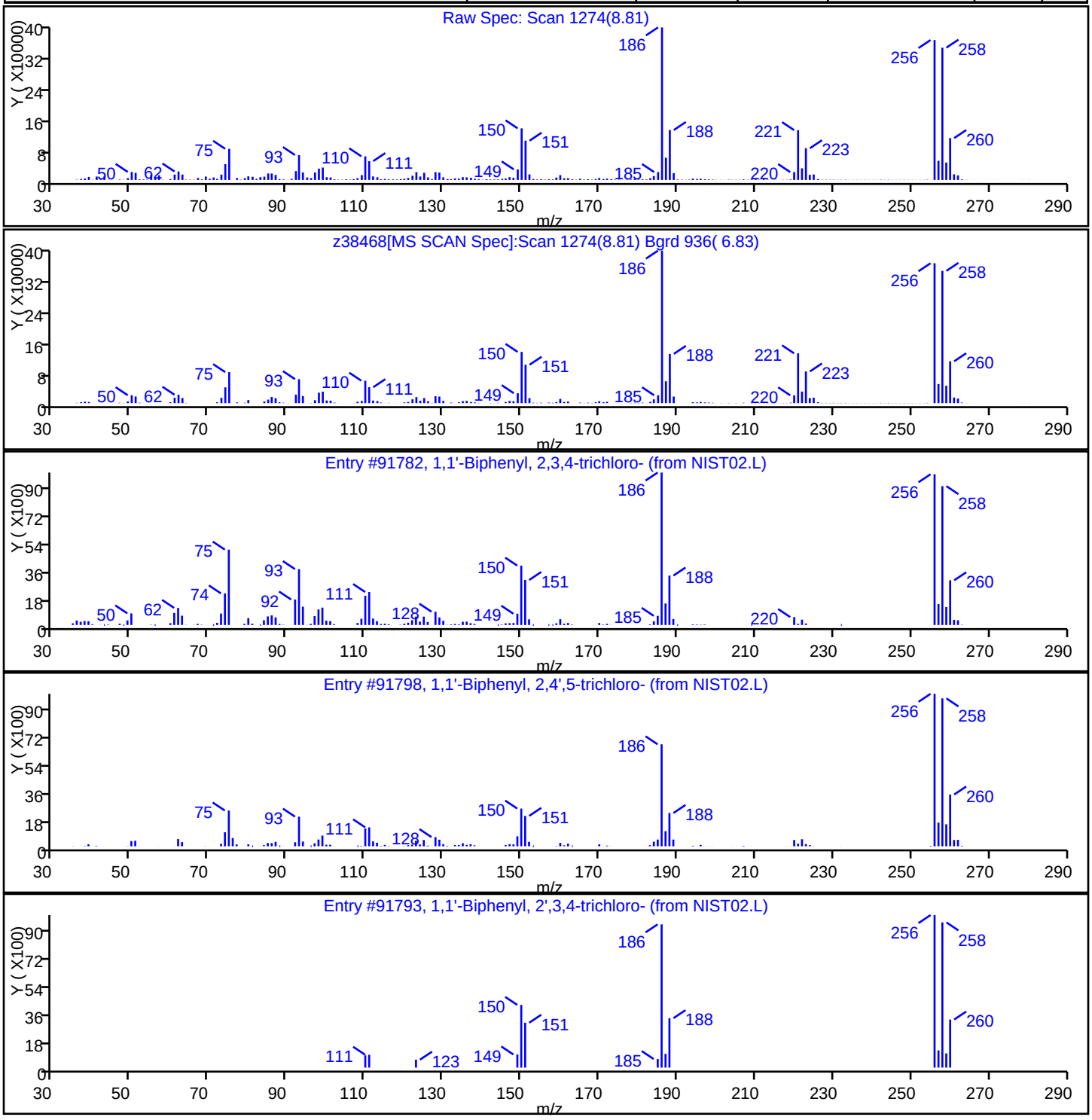
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.L	70599	C12H8Cl2	222	99
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70595	C12H8Cl2	222	98
1,1'-Biphenyl, 2,4'-dichloro-	34883-43-7	NIST02.L	70597	C12H8Cl2	222	98



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D
Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	98
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98



Report Date: 11-Nov-2015 14:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

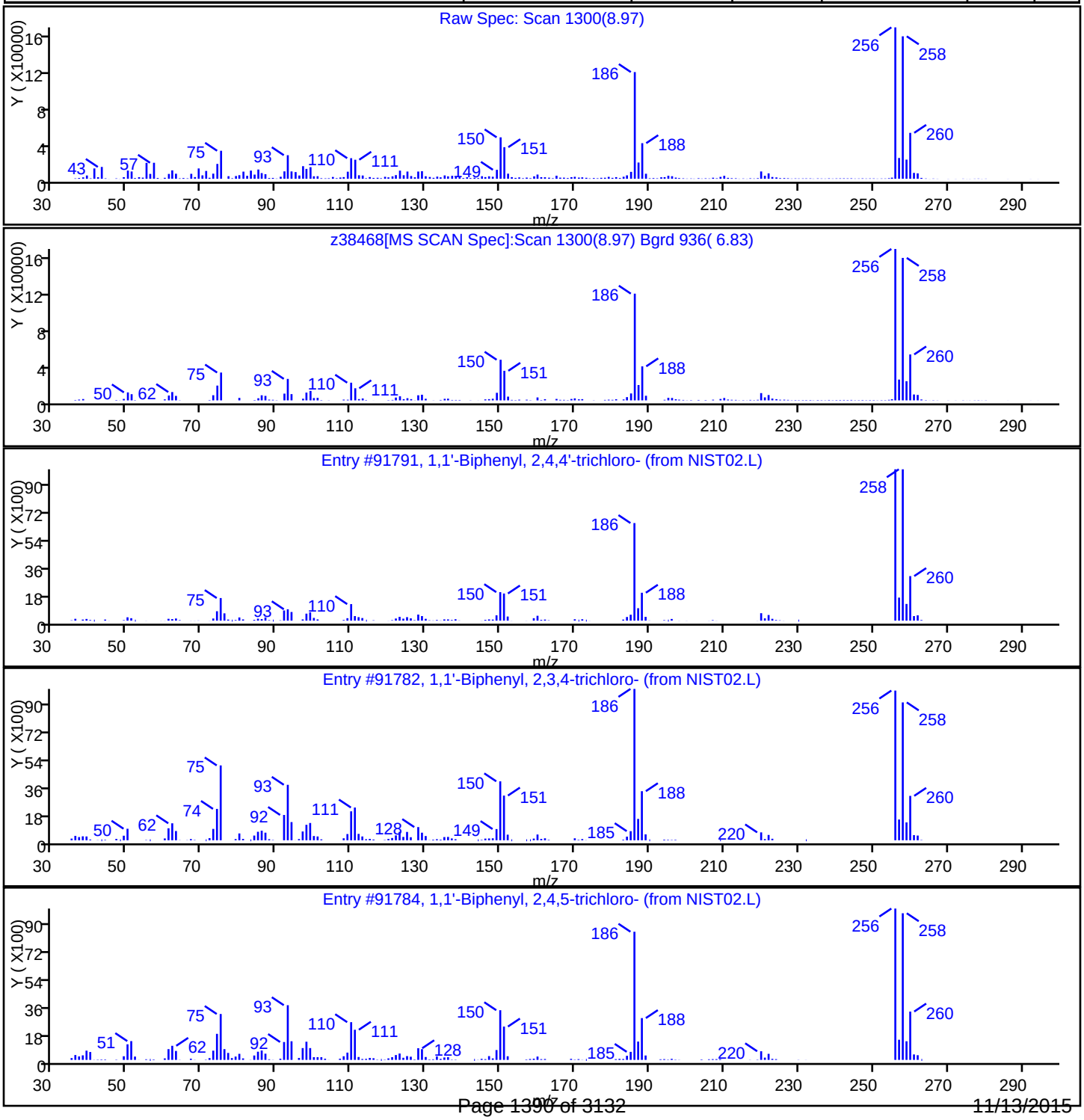
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98



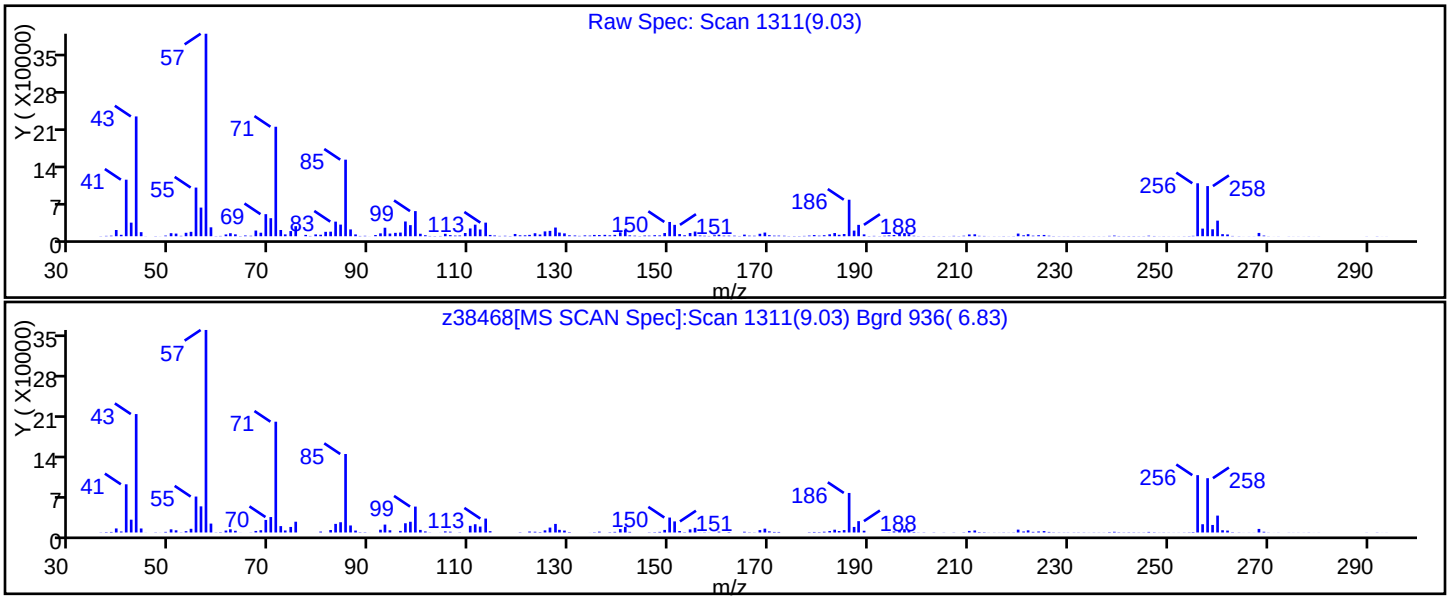
Report Date: 11-Nov-2015 14:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

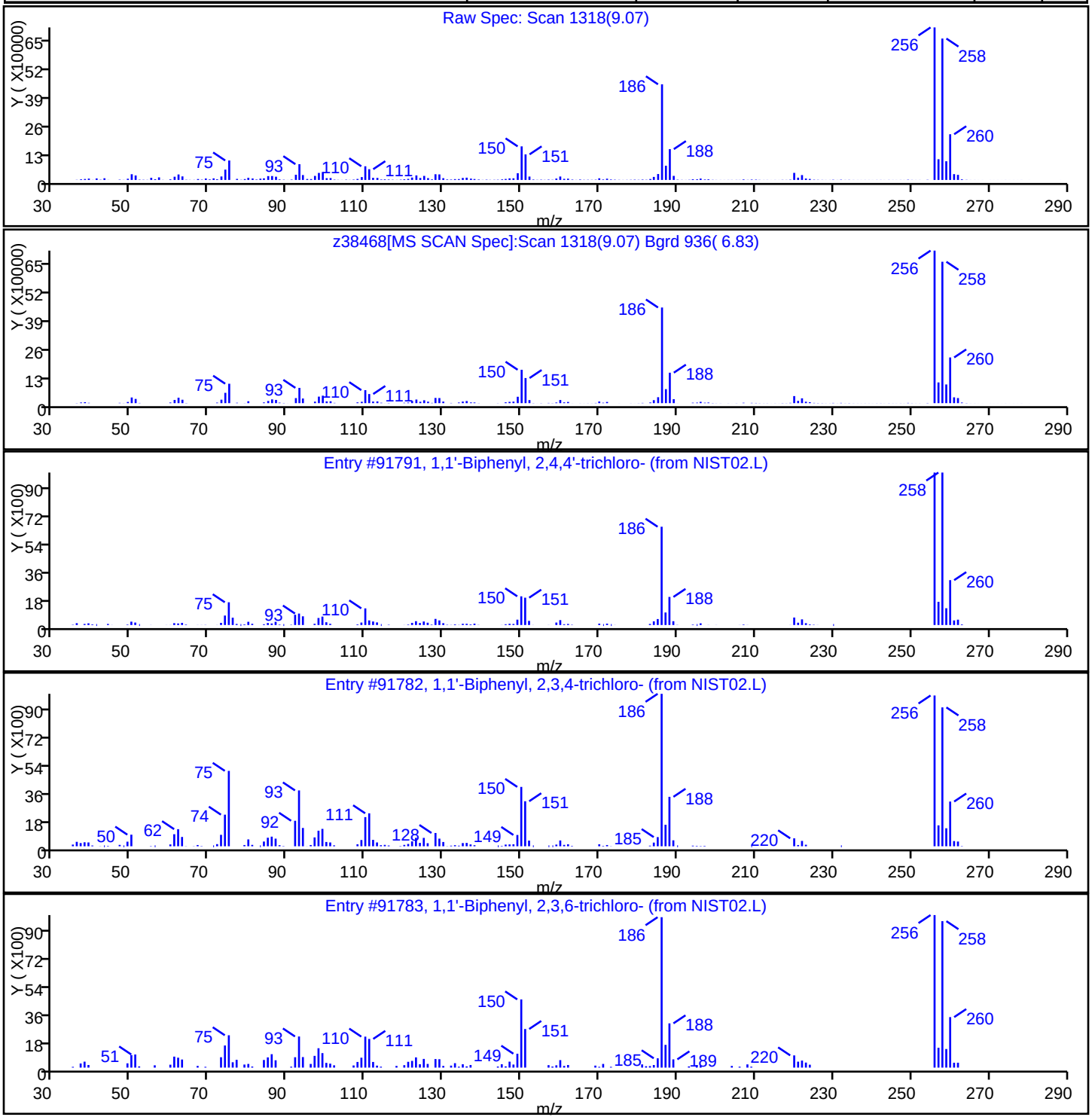


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	99



Report Date: 11-Nov-2015 14:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

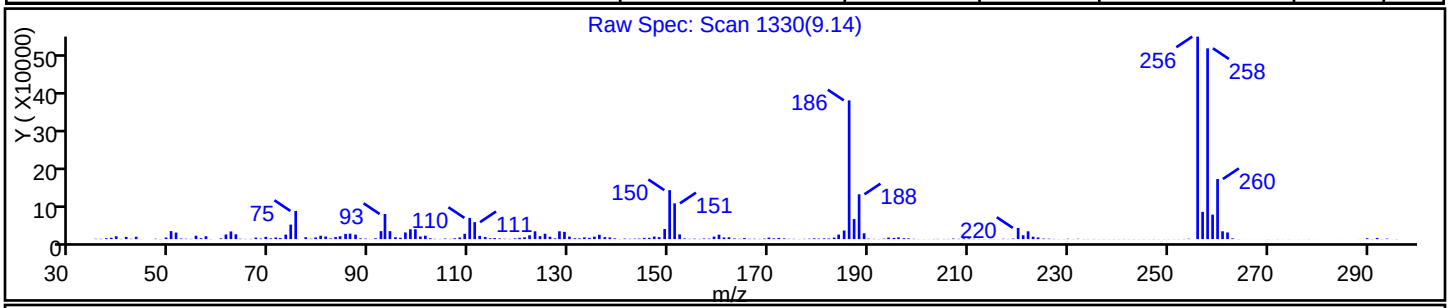
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

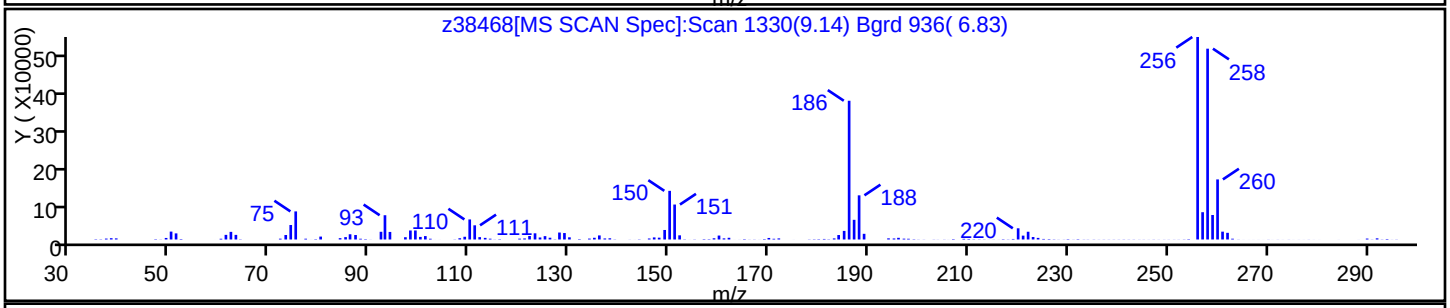
Injection Vol: 1.0 ul Dil. Factor: 5.0000

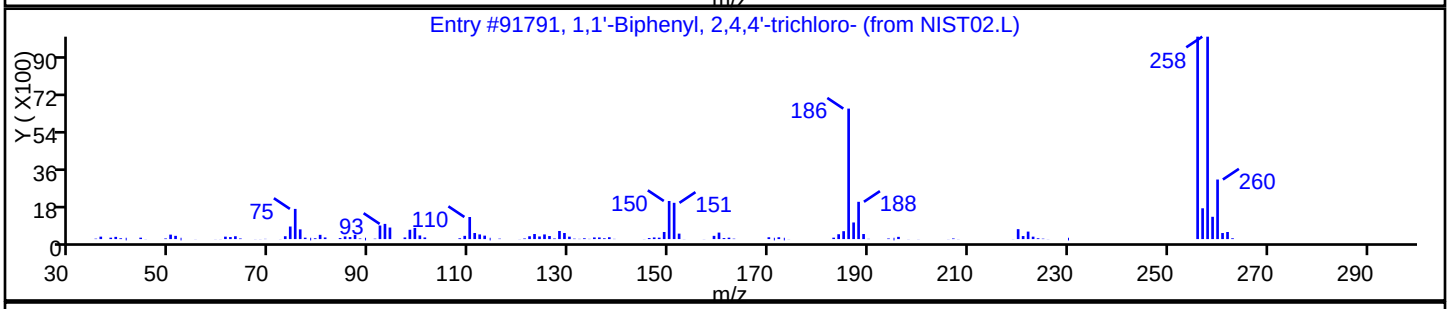
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

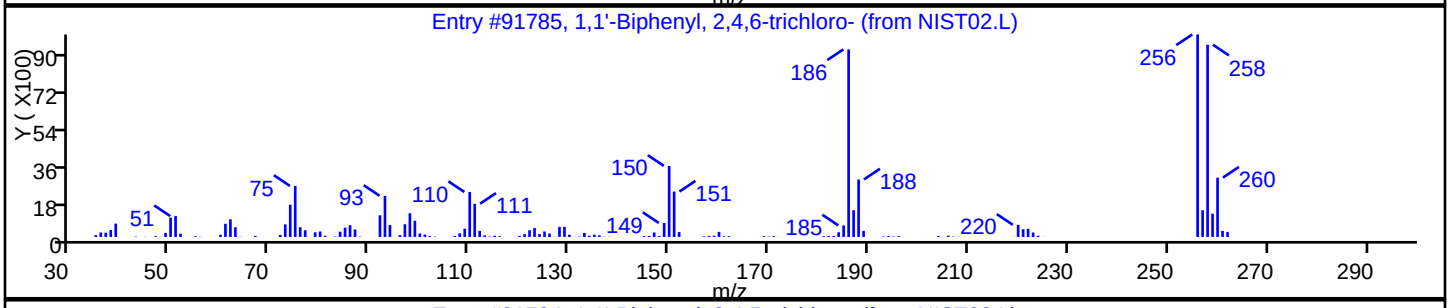
Column: Detector MS SCAN

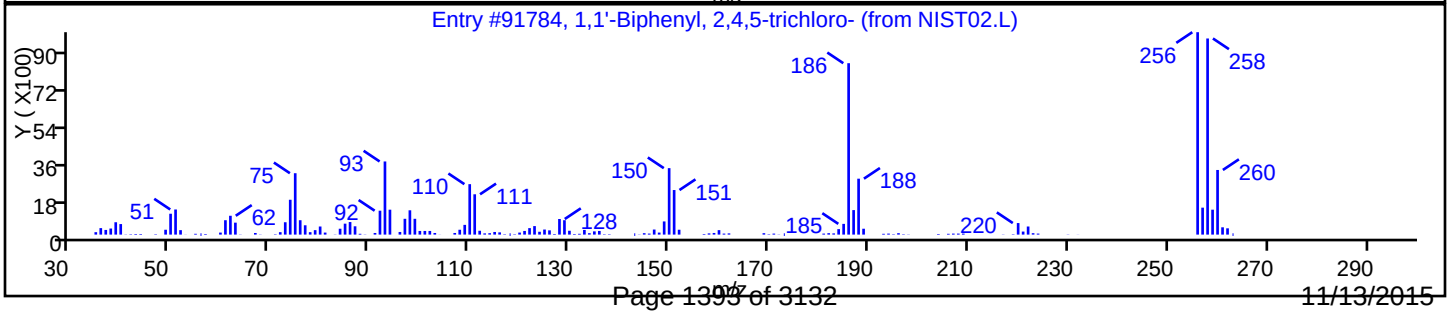
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.L	91784	C12H7Cl3	256	98











Report Date: 11-Nov-2015 14:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

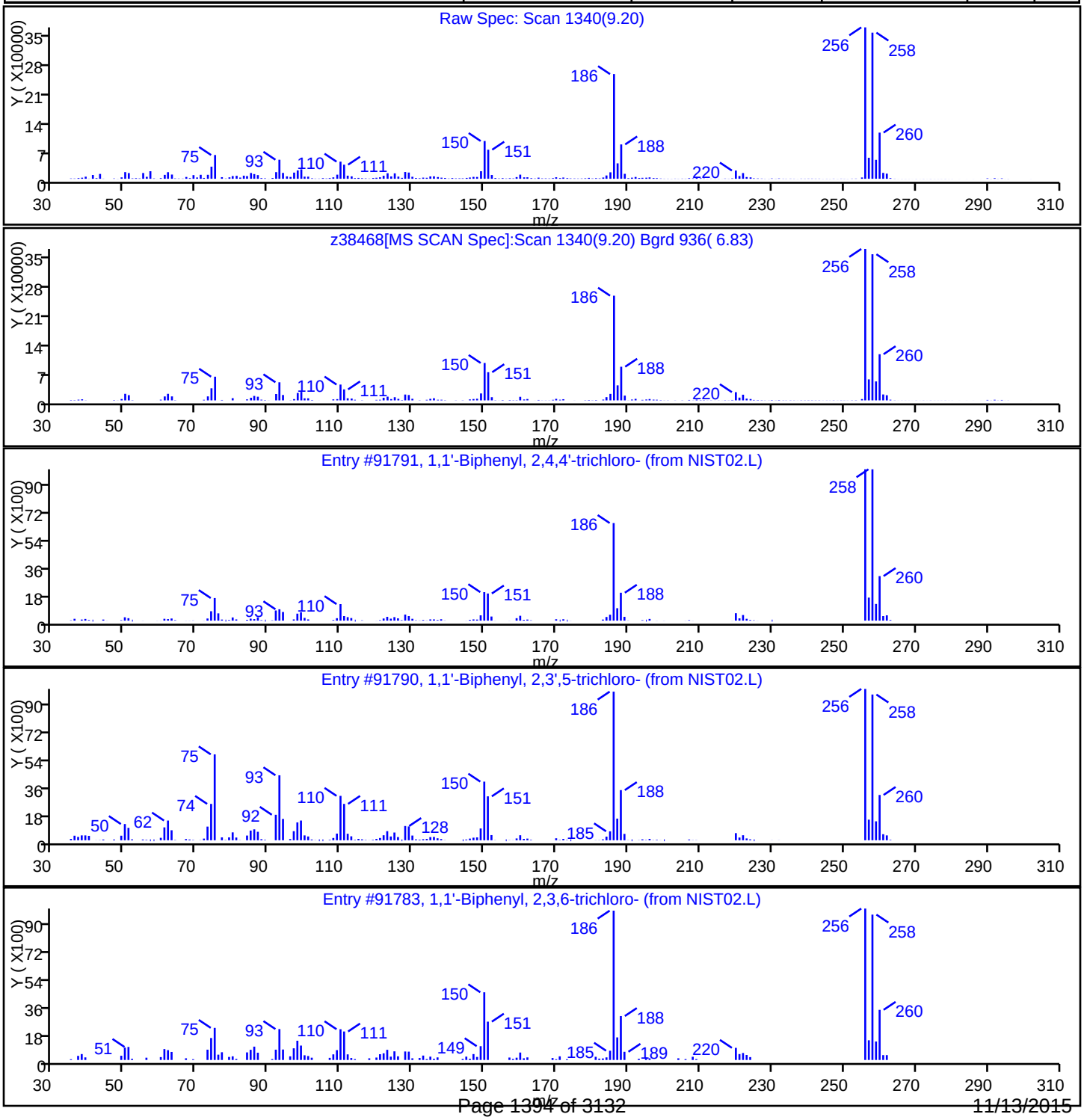
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98



Report Date: 11-Nov-2015 14:45:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date: 10-Nov-2015 14:56:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-7-A Lab Sample ID: 460-104096-7

Client ID: PMP-24-NW2-3.75

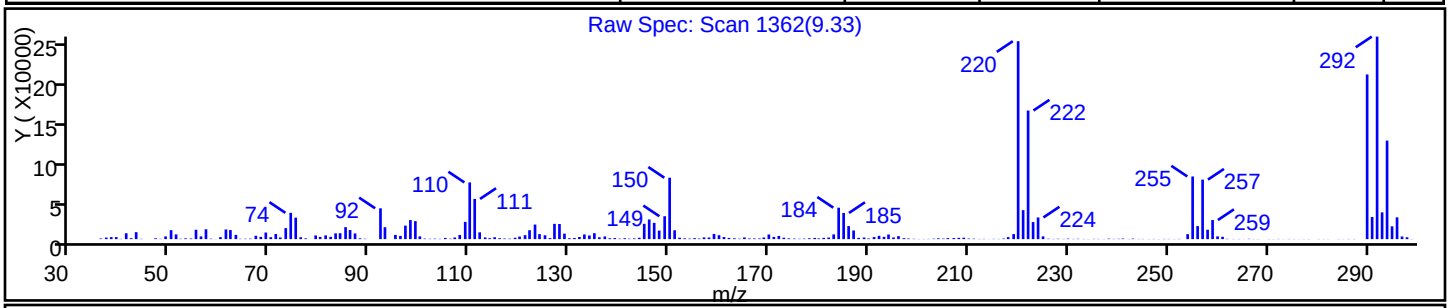
Operator ID: ALS Bottle#: 19 Worklist Smp#: 19

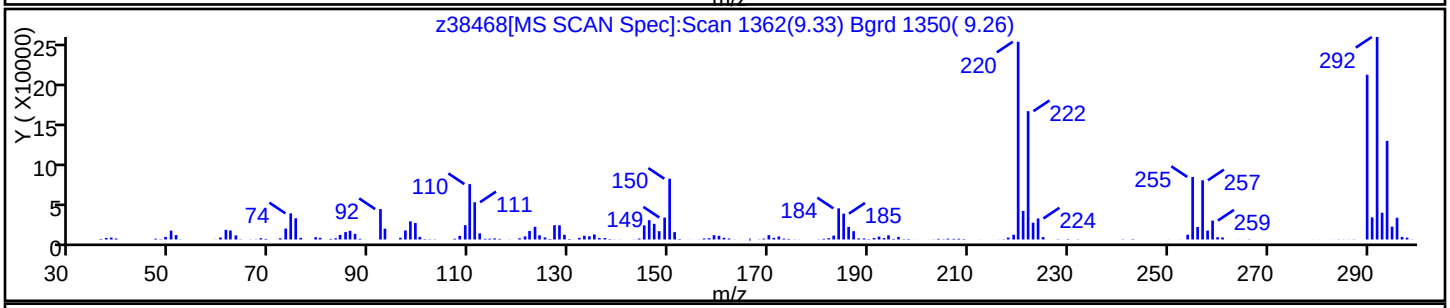
Injection Vol: 1.0 ul Dil. Factor: 5.0000

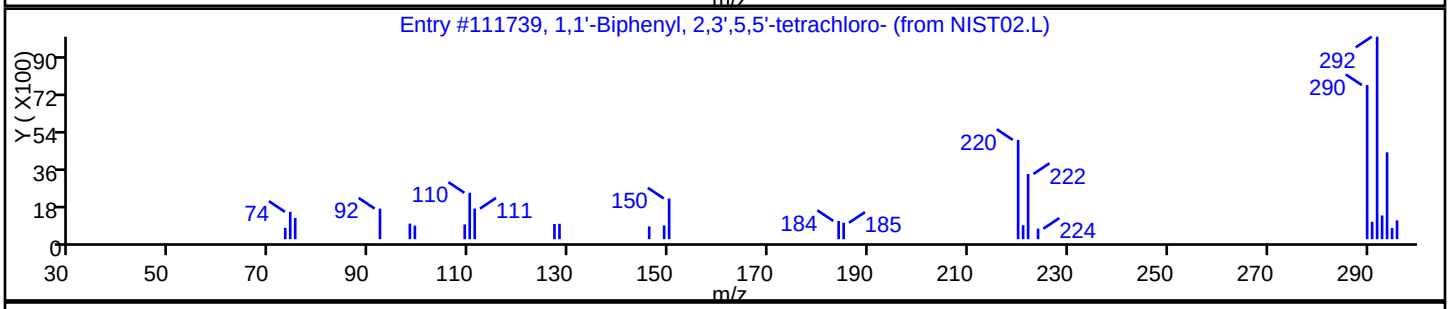
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

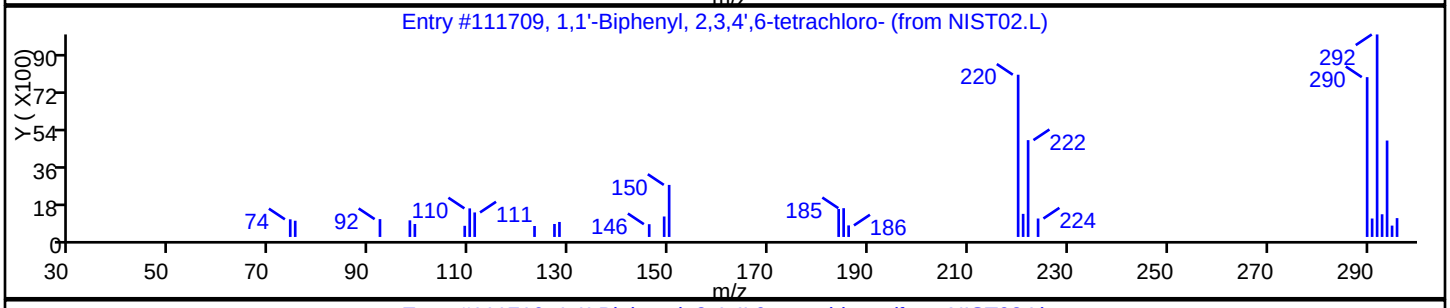
Column: Detector MS SCAN

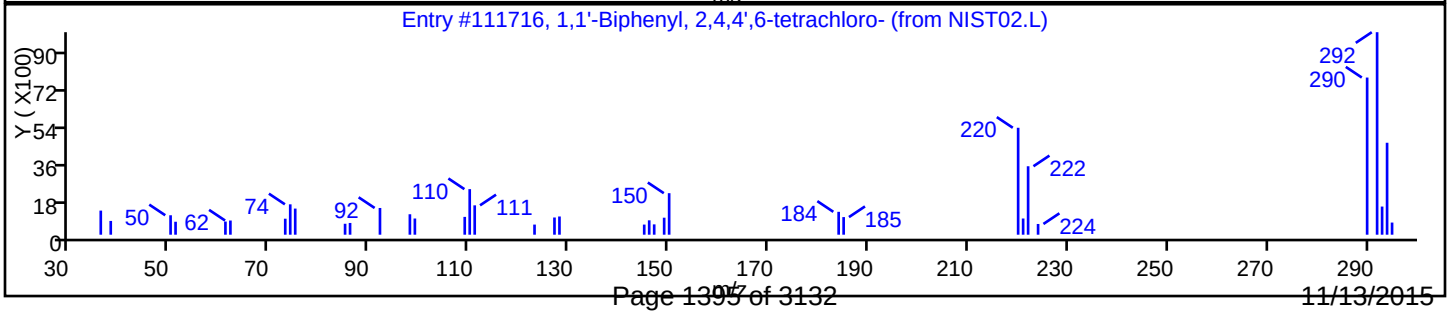
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	98









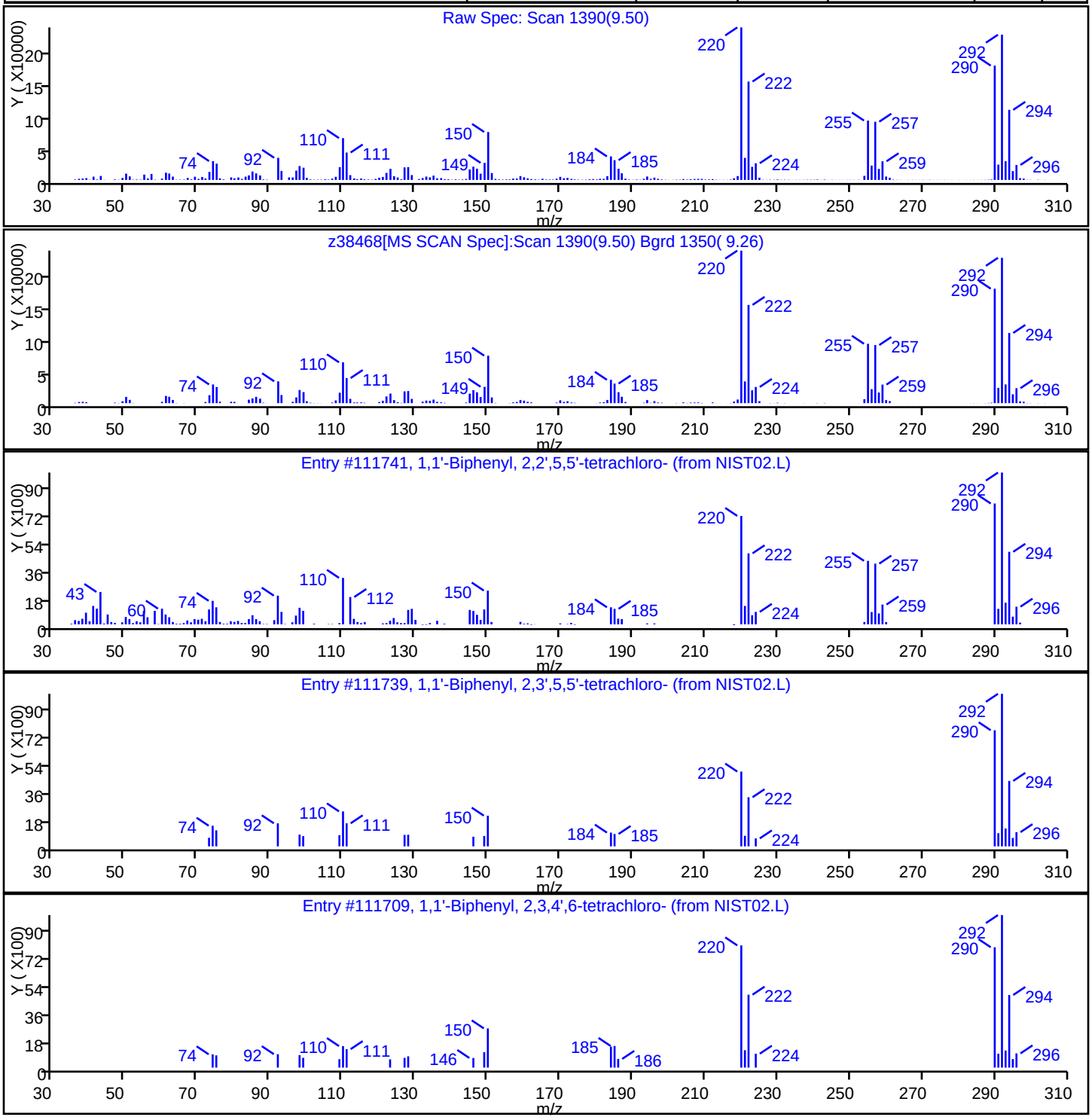


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7
Client ID:	PMP-24-NW2-3.75		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111741	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99

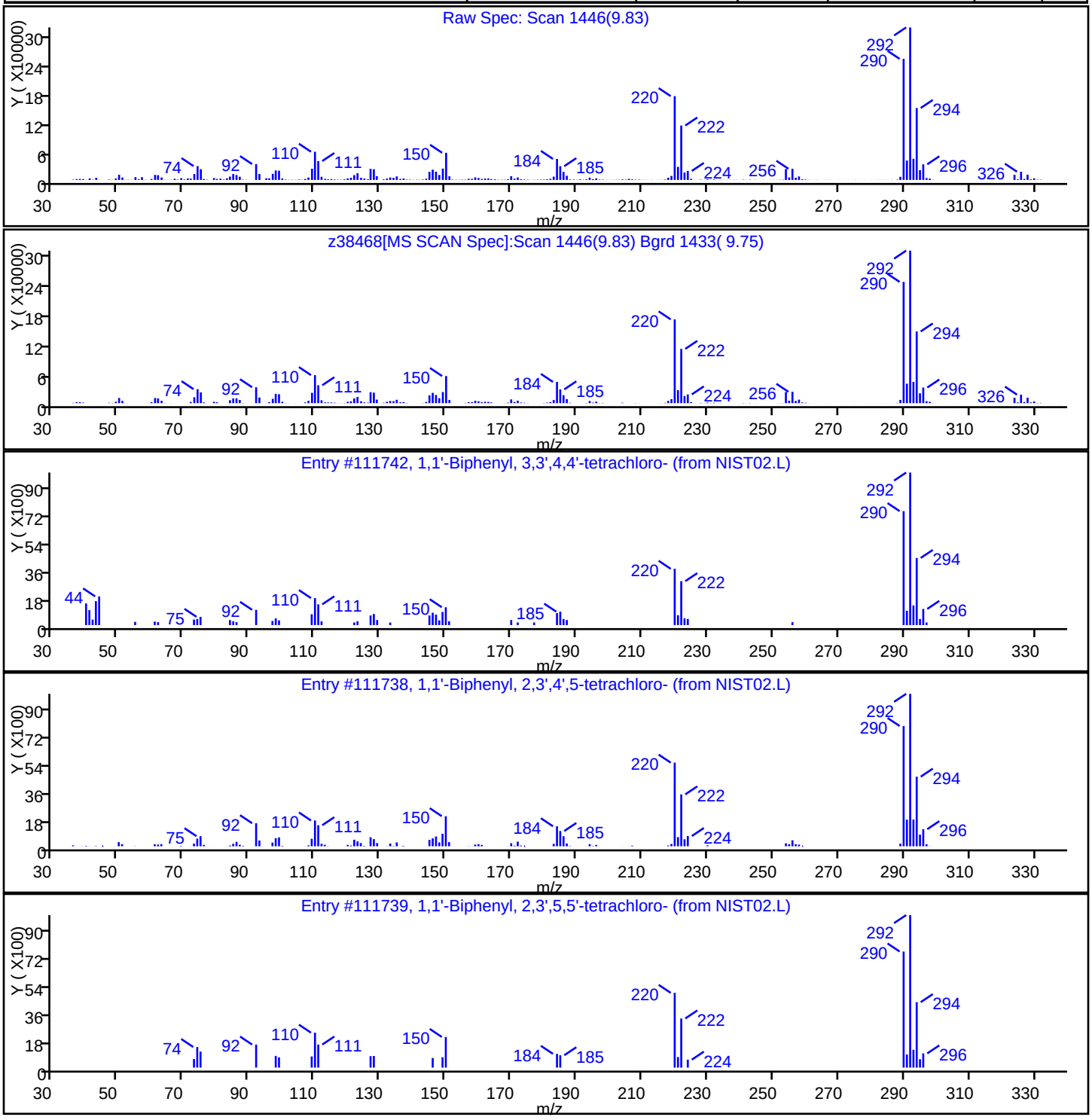


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38468.D

Injection Date:	10-Nov-2015 14:56:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-7-A	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:		ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111738	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	98



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: z38469.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0198(g) | Date Analyzed: 11/10/2015 15:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	61	U	1900	61
95-57-8	2-Chlorophenol	48	U	1900	48
95-48-7	2-Methylphenol	82	U	1900	82
106-44-5	4-Methylphenol	51	U	1900	51
100-52-7	Benzaldehyde	140	U	1900	140
98-86-2	Acetophenone	130	J	1900	41
111-44-4	Bis(2-chloroethyl)ether	44	U	190	44
108-60-1	2,2'-oxybis[1-chloropropane]	77	U	1900	77
621-64-7	N-Nitrosodi-n-propylamine	63	U	190	63
98-95-3	Nitrobenzene	59	U	190	59
67-72-1	Hexachloroethane	69	U	190	69
78-59-1	Isophorone	40	U	760	40
88-75-5	2-Nitrophenol	63	U	1900	63
105-67-9	2,4-Dimethylphenol	410	U	1900	410
120-83-2	2,4-Dichlorophenol	44	U	760	44
111-91-1	Bis(2-chloroethoxy)methane	59	U	1900	59
91-20-3	Naphthalene	4900		1900	48
106-47-8	4-Chloroaniline	2900		1900	48
87-68-3	Hexachlorobutadiene	53	U	380	53
105-60-2	Caprolactam	140	U	1900	140
59-50-7	4-Chloro-3-methylphenol	81	U	1900	81
91-57-6	2-Methylnaphthalene	15000		1900	41
118-74-1	Hexachlorobenzene	76	U	190	76
77-47-4	Hexachlorocyclopentadiene	120	U	1900	120
88-06-2	2,4,6-Trichlorophenol	53	U	760	53
95-95-4	2,4,5-Trichlorophenol	190	U	1900	190
92-52-4	Diphenyl	3800		1900	160
91-58-7	2-Chloronaphthalene	43	U	1900	43
88-74-4	2-Nitroaniline	62	U	1900	62
606-20-2	2,6-Dinitrotoluene	100	U	380	100
131-11-3	Dimethyl phthalate	55	U	1900	55
208-96-8	Acenaphthylene	48	U	1900	48
99-09-2	3-Nitroaniline	56	U	1900	56
83-32-9	Acenaphthene	1100	J	1900	45

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: z38469.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0198(g) | Date Analyzed: 11/10/2015 15:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	900	U	3800	900
51-28-5	2,4-Dinitrophenol	1400	U	1500	1400
132-64-9	Dibenzofuran	630	J	1900	57
84-66-2	Diethyl phthalate	53	U	1900	53
86-73-7	Fluorene	550	J	1900	41
206-44-0	Fluoranthene	56	U	1900	56
84-74-2	Di-n-butyl phthalate	56	U	1900	56
121-14-2	2,4-Dinitrotoluene	74	U	380	74
7005-72-3	4-Chlorophenyl phenyl ether	56	U	1900	56
100-01-6	4-Nitroaniline	71	U	1900	71
534-52-1	4,6-Dinitro-2-methylphenol	500	U	1500	500
101-55-3	4-Bromophenyl phenyl ether	59	U	1900	59
1912-24-9	Atrazine	84	U	760	84
120-12-7	Anthracene	180	U	1900	180
86-74-8	Carbazole	47	U	1900	47
85-01-8	Phenanthrene	1000	J	1900	50
87-86-5	Pentachlorophenol	230	U	1500	230
129-00-0	Pyrene	85	U	1900	85
218-01-9	Chrysene	51	U	1900	51
207-08-9	Benzo[k]fluoranthene	82	U	190	82
191-24-2	Benzo[g,h,i]perylene	110	U	1900	110
205-99-2	Benzo[b]fluoranthene	73	U	190	73
50-32-8	Benzo[a]pyrene	57	U	190	57
56-55-3	Benzo[a]anthracene	160	U	190	160
86-30-6	N-Nitrosodiphenylamine	170	U	1900	170
85-68-7	Butyl benzyl phthalate	58	U	1900	58
117-81-7	Bis(2-ethylhexyl) phthalate	770	J	1900	73
117-84-0	Di-n-octyl phthalate	95	U	1900	95
193-39-5	Indeno[1,2,3-cd]pyrene	120	U	190	120
53-70-3	Dibenz(a,h)anthracene	98	U	190	98
91-94-1	3,3'-Dichlorobenzidine	210	U	760	210
95-94-3	1,2,4,5-Tetrachlorobenzene	840	J	1900	140
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	1900	180

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: z38469.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0198(g) | Date Analyzed: 11/10/2015 15:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	71		28-92
4165-62-2	Phenol-d5	64		22-88
1718-51-0	Terphenyl-d14	58		16-114
118-79-6	2,4,6-Tribromophenol	31		10-95
367-12-4	2-Fluorophenol	65		21-84
321-60-8	2-Fluorobiphenyl	71		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: z38469.D

Analysis Method: 8270D | Date Collected: 11/05/2015 12:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0198(g) | Date Analyzed: 11/10/2015 15:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 691000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-51-2	o-Chloroaniline	5.03	14000	J N
121-73-3	Benzene, 1-chloro-3-nitro-	5.73	16000	J N
88-73-3	Benzene, 1-chloro-2-nitro-	5.87	210000	J N
629-50-5	Tridecane	6.09	19000	J N
89-61-2	Benzene, 1,4-dichloro-2-nitro-	6.69	18000	J N
6165-40-8	Pentadecane, 7-methyl-	6.98	31000	J N
629-62-9	Pentadecane	7.19	26000	J N
2051-62-9	1,1'-Biphenyl, 4-chloro-	7.28	21000	J N
544-76-3	Hexadecane	7.69	33000	J N
13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	7.89	69000	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	7.90	17000	J N
	Unknown Substituted Biphenyl	8.81	28000	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.07	58000	J N
38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-	9.14	30000	J N
38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-	9.20	16000	J N
2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	9.33	19000	J N
	Unknown Substituted Biphenyl	9.36	14000	J
	Unknown Substituted Biphenyl	9.49	17000	J
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.82	20000	J N
41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	9.84	15000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 10-Nov-2015 15:19:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-020
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:24:02 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:24:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.908	2.873	0.035	91	24786	6.47	
$ 6 Phenol-d5	99	3.802	3.808	-0.006	86	30584	6.44	
* 14 1,4-Dichlorobenzene-d4	152	4.161	4.149	0.012	96	118144	40.0	
22 Acetophenone	105	4.561	4.573	-0.012	64	1611	0.3401	
$ 26 Nitrobenzene-d5	82	4.714	4.720	-0.006	93	24079	7.08	
* 38 Naphthalene-d8	136	5.449	5.438	0.011	99	370905	40.0	
39 Naphthalene	128	5.473	5.467	0.006	99	121909	13.0	
40 4-Chloroaniline	127	5.532	5.532	0.000	96	28155	7.65	
44 2-Methylnaphthalene	142	6.179	6.167	0.012	86	259479	40.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.349	6.343	0.006	91	4716	2.22	
$ 51 2-Fluorobiphenyl	172	6.543	6.575	0.000	98	36654	7.07	
52 1,1'-Biphenyl	154	6.643	6.643	0.000	95	58165	10.0	
* 65 Acenaphthene-d10	164	7.214	7.202	0.012	93	125692	40.0	
67 Acenaphthene	154	7.243	7.243	0.000	89	11705	2.96	
71 Dibenzofuran	168	7.414	7.414	0.000	90	9184	1.66	
74 Fluorene	166	7.755	7.755	0.000	91	6224	1.45	
$ 80 2,4,6-Tribromophenol	330	8.002	7.996	0.006	88	1771	3.08	
* 87 Phenanthrene-d10	188	8.714	8.678	0.036	98	156477	40.0	
88 Phenanthrene	178	8.732	8.708	0.024	91	12255	2.66	
$ 96 Terphenyl-d14	244	10.267	10.267	0.000	98	15633	5.80	
* 102 Chrysene-d12	240	11.425	11.431	-0.006	99	87614	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.473	11.484	-0.011	91	3800	2.03	
* 109 Perylene-d12	264	13.325	13.337	-0.012	98	103664	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 10-Nov-2015 15:19:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-020
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:24:02 Calib Date: 02-Nov-2015 21:11:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:24:01

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	95-51-2	o-Chloroaniline						
5.032	920852	37.5	38	96	11366	C6H6ClN	127	
	121-73-3	Benzene, 1-chloro-3-nitro-						
5.726	1067083	43.4	38	97	27941	C6H4ClNO2	157	
	88-73-3	Benzene, 1-chloro-2-nitro-						
5.873	13838156	563.2	38	99	27936	C6H4ClNO2	157	
	629-50-5	Tridecane						
6.091	1235970	50.3	38	96	45541	C13H28	184	
	89-61-2	Benzene, 1,4-dichloro-2-nitro-						
6.685	1436711	47.1	65	99	49909	C6H3Cl2NO2	191	
	6165-40-8	Pentadecane, 7-methyl-						
6.979	2537283	83.2	65	90	73980	C16H34	226	
	629-62-9	Pentadecane						
7.190	2083254	68.3	65	95	64574	C15H32	212	
	2051-62-9	1,1'-Biphenyl, 4-chloro-						
7.279	1730888	56.7	65	98	48020	C12H9Cl	188	
	544-76-3	Hexadecane						
7.685	2631692	86.3	65	87	73965	C16H34	226	
	13029-08-8	1,1'-Biphenyl, 2,2'-dichloro-						
7.885	5554396	182.1	65	99	70596	C12H8Cl2	222	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
7.902	1348965	44.2	65	86	91053	C18H38	254	
		Unknown Substituted Biphenyl						
8.814	5141507	73.3	87	0	0		0	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.073	10734199	152.9	87	99	91788	C12H7Cl3	256	
	38444-81-4	1,1'-Biphenyl, 2,3',5-trichloro-						
9.143	5474026	78.0	87	99	91790	C12H7Cl3	256	
	38444-85-8	1,1'-Biphenyl, 2,3,4'-Trichloro-						
9.202	2909901	41.5	87	99	91787	C12H7Cl3	256	
	2437-79-8	1,1'-Biphenyl, 2,2',4,4'-tetrachloro-						
9.326	3454207	49.2	87	99	111724	C12H6Cl4	290	
		Unknown Substituted Biphenyl						
9.361	2524235	36.0	87	0	0		0	
		Unknown Substituted Biphenyl						
9.490	3221635	45.9	87	0	0		0	
	32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-						
9.820	3705698	52.8	87	99	111738	C12H6Cl4	290	
	41464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro-						
9.843	2805138	40.0	87	99	111739	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.449	982815	40.0
* 65 Acenaphthene-d10	7.214	1220380	40.0
* 87 Phenanthrene-d10	8.708	2807359	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

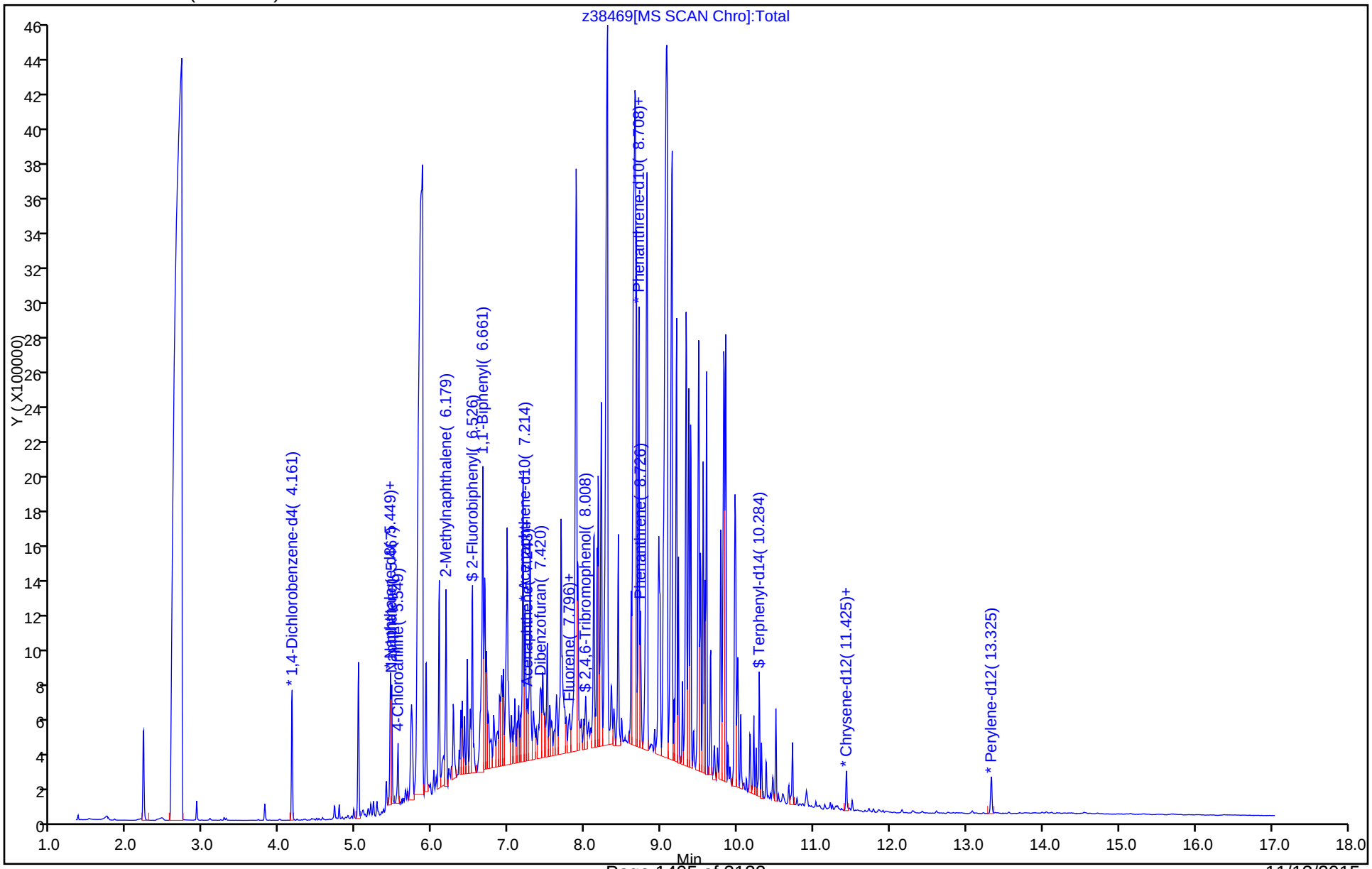
Report Date: 11-Nov-2015 11:24:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8	Worklist Smp#:	20
Client ID:	PMP-24-NW2-DV				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	20
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

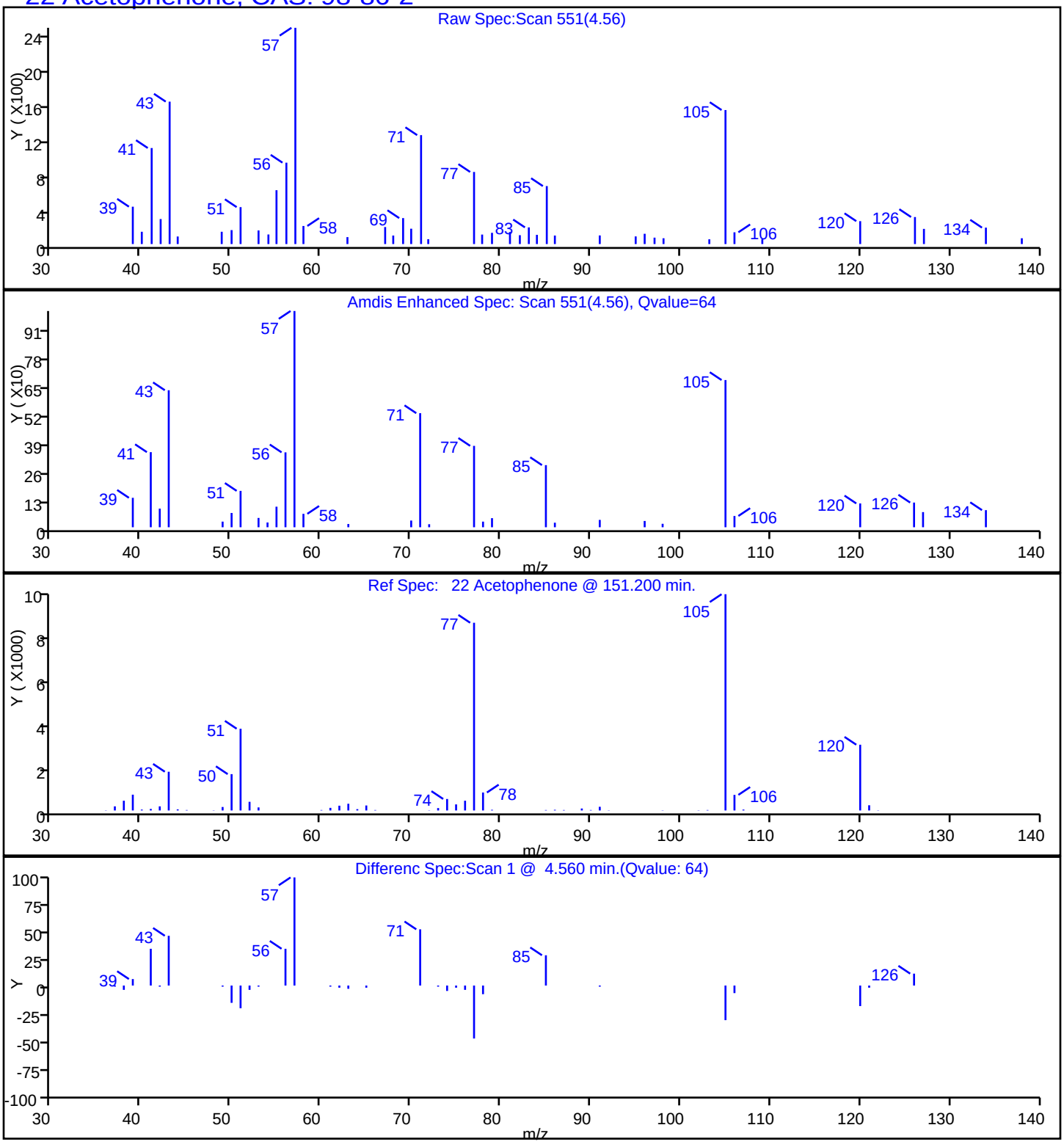
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

22 Acetophenone, CAS: 98-86-2

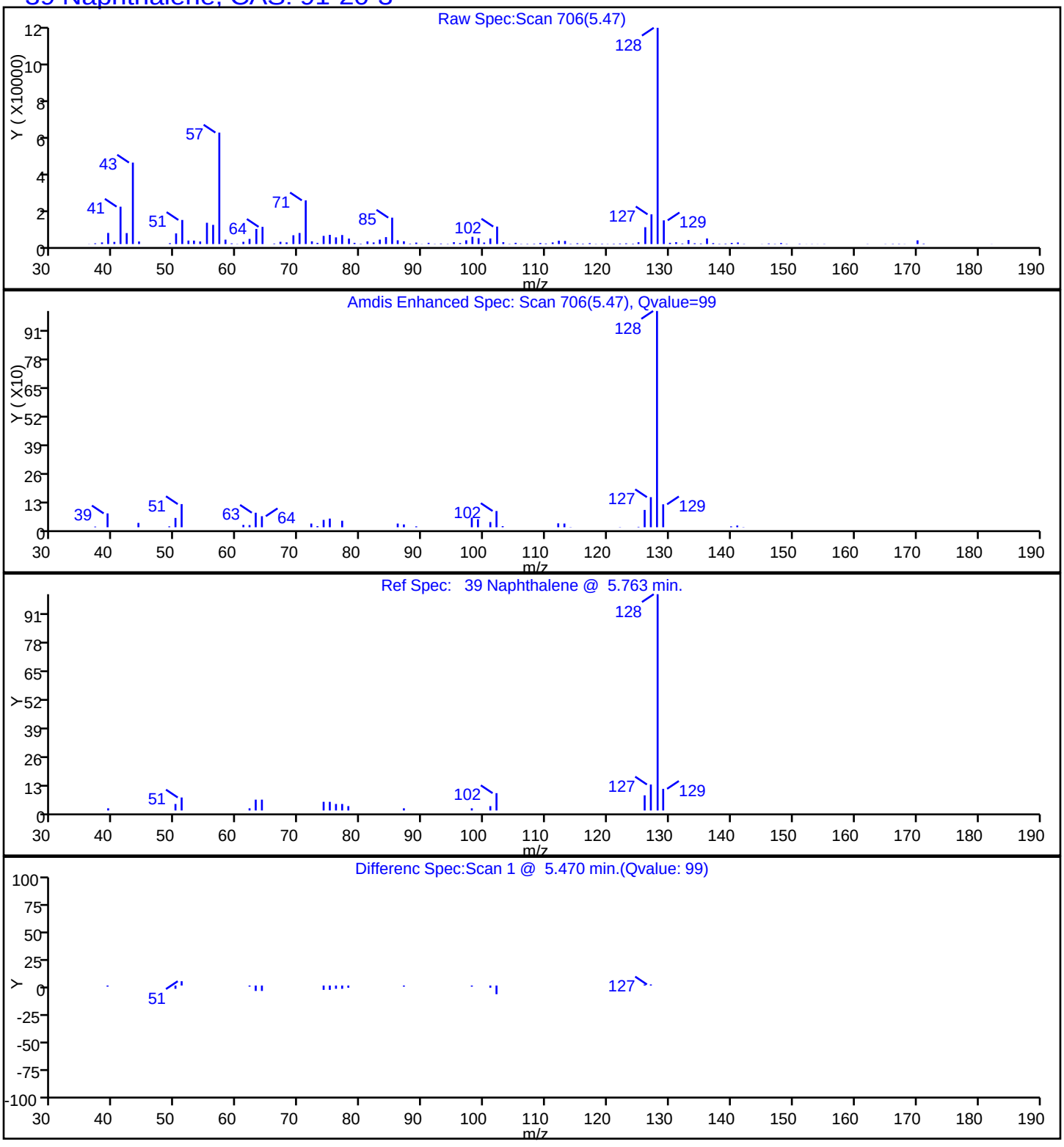


Report Date: 11-Nov-2015 11:24:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

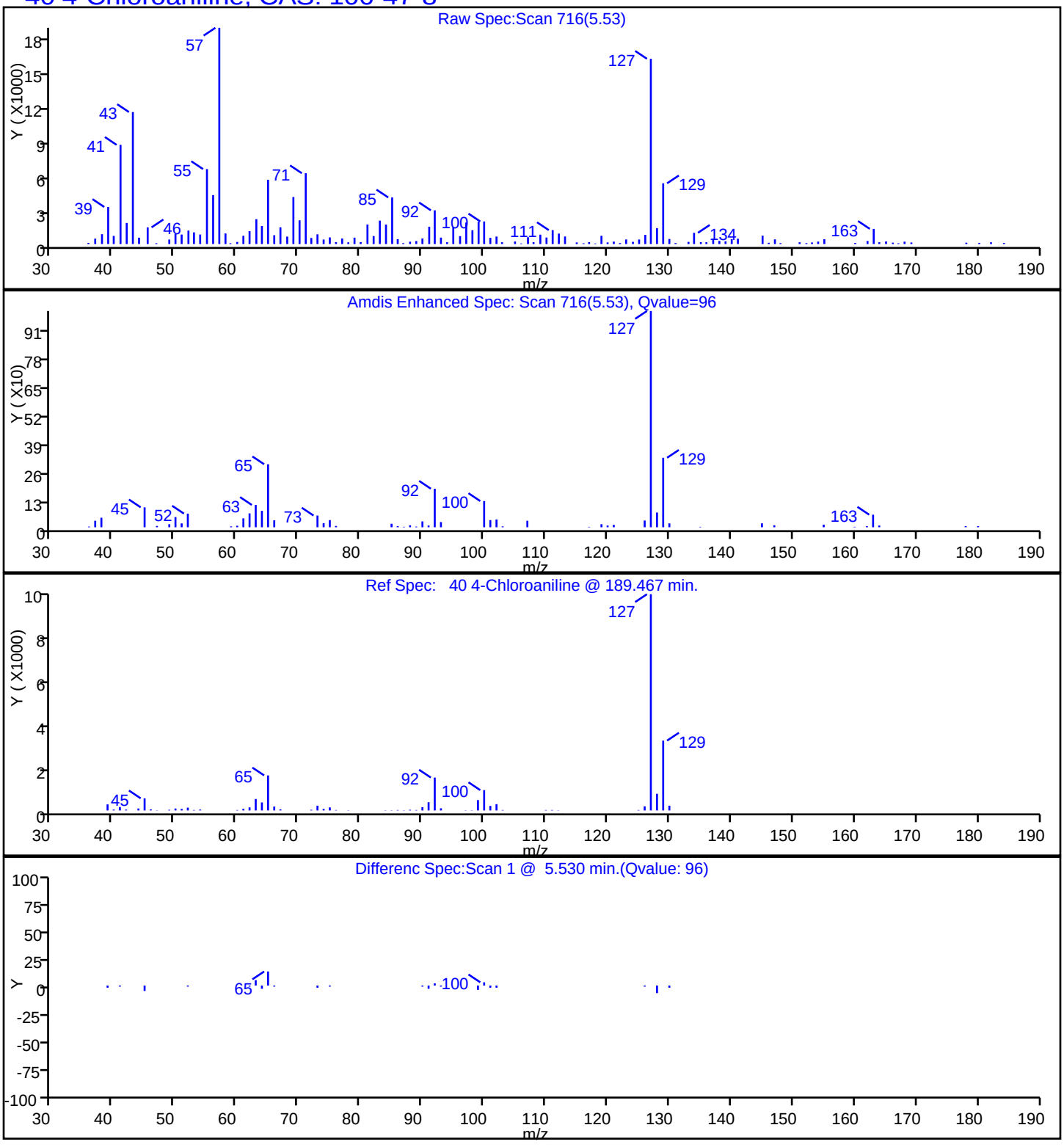
39 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

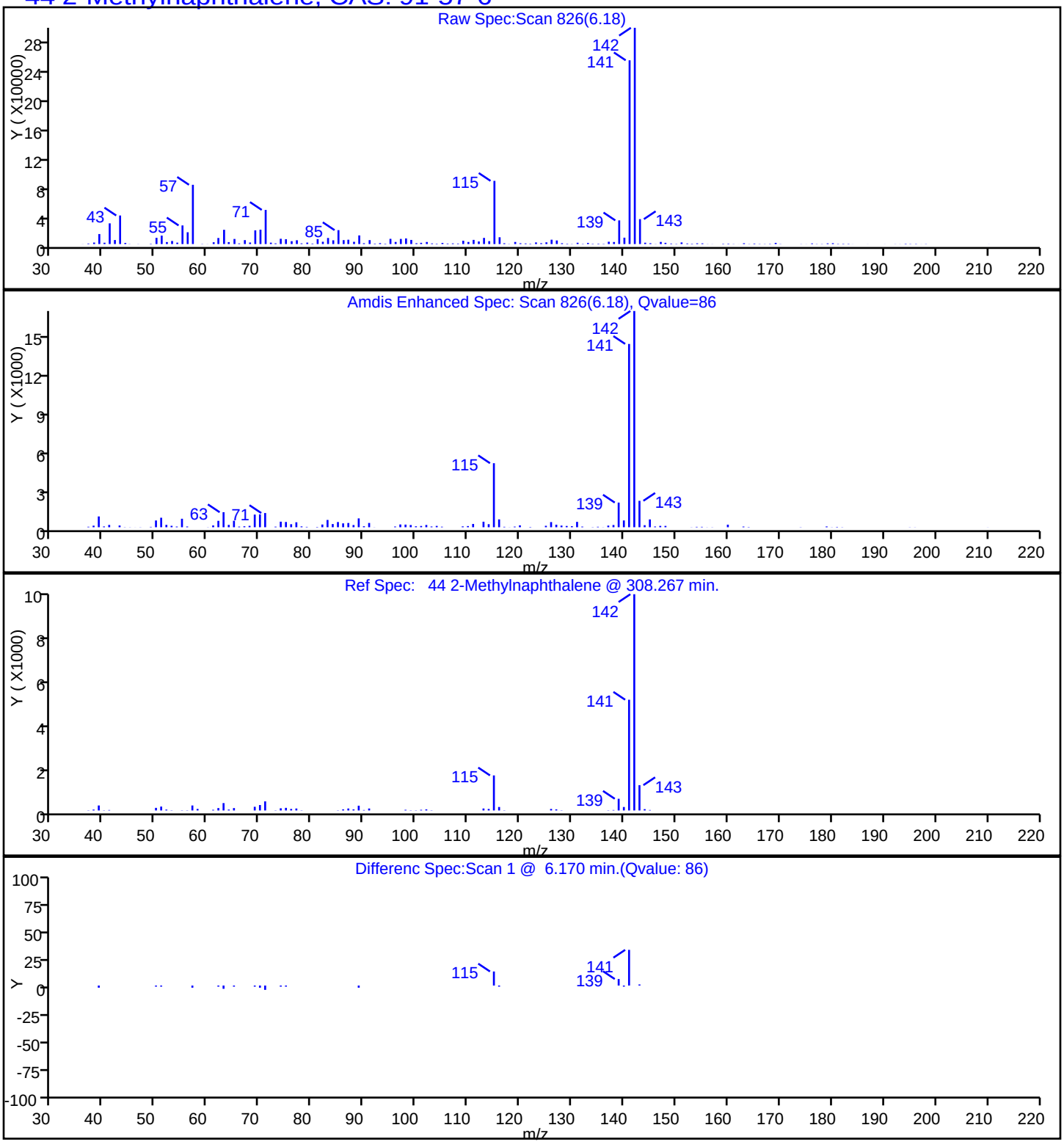
40 4-Chloroaniline, CAS: 106-47-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

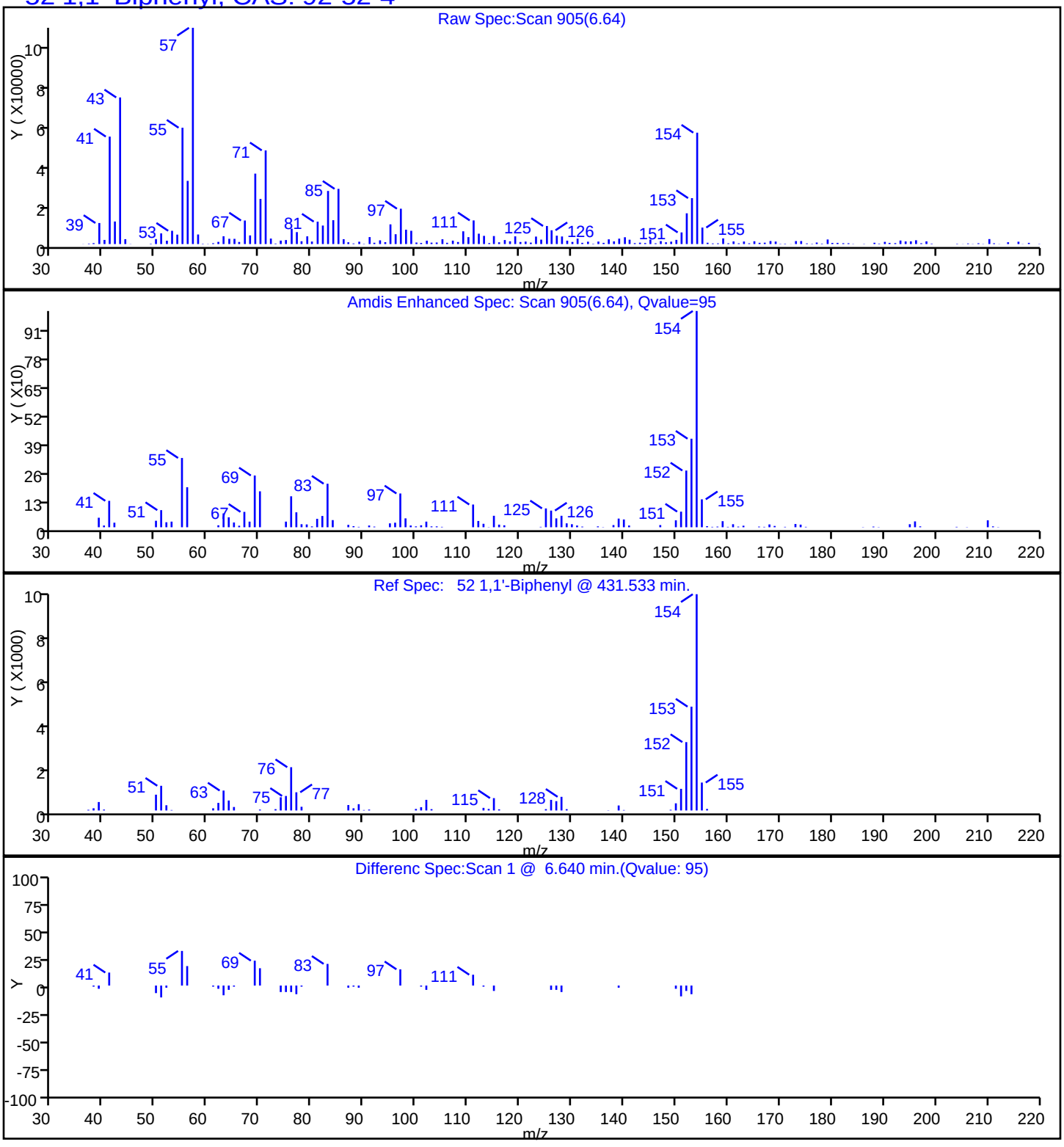
44 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

52 1,1'-Biphenyl, CAS: 92-52-4



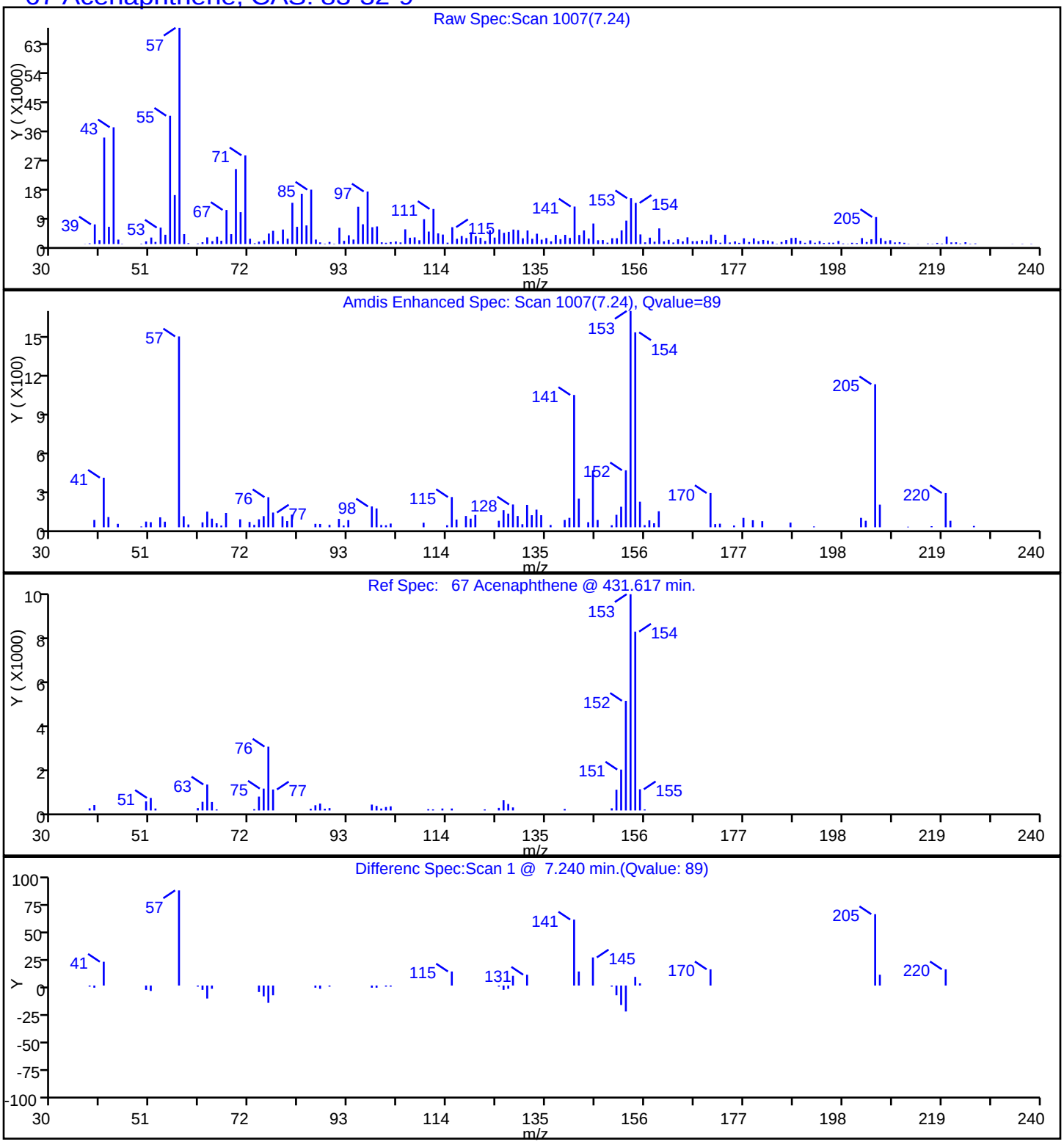
Report Date: 11-Nov-2015 11:24:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

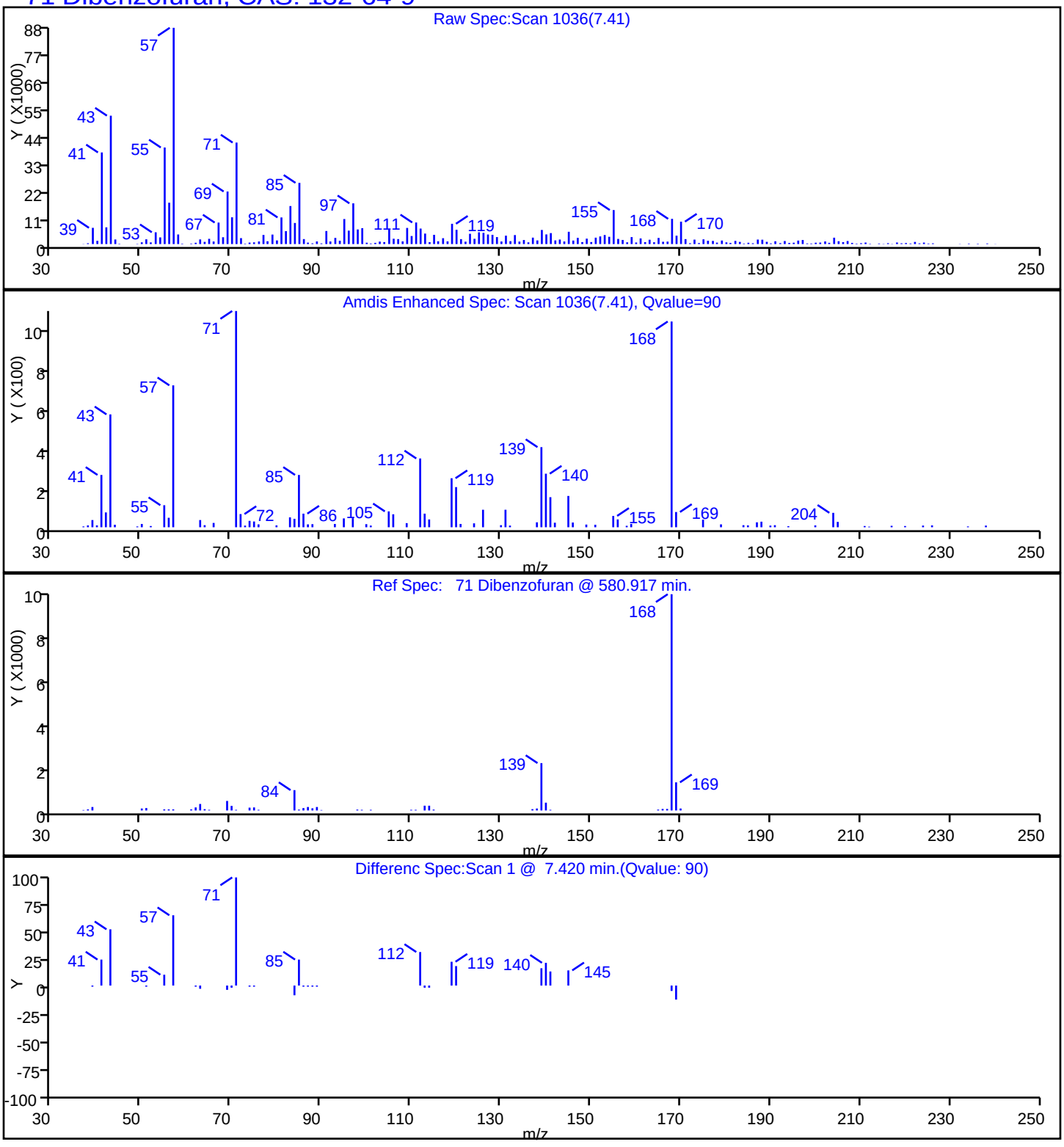
67 Acenaphthene, CAS: 83-32-9



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

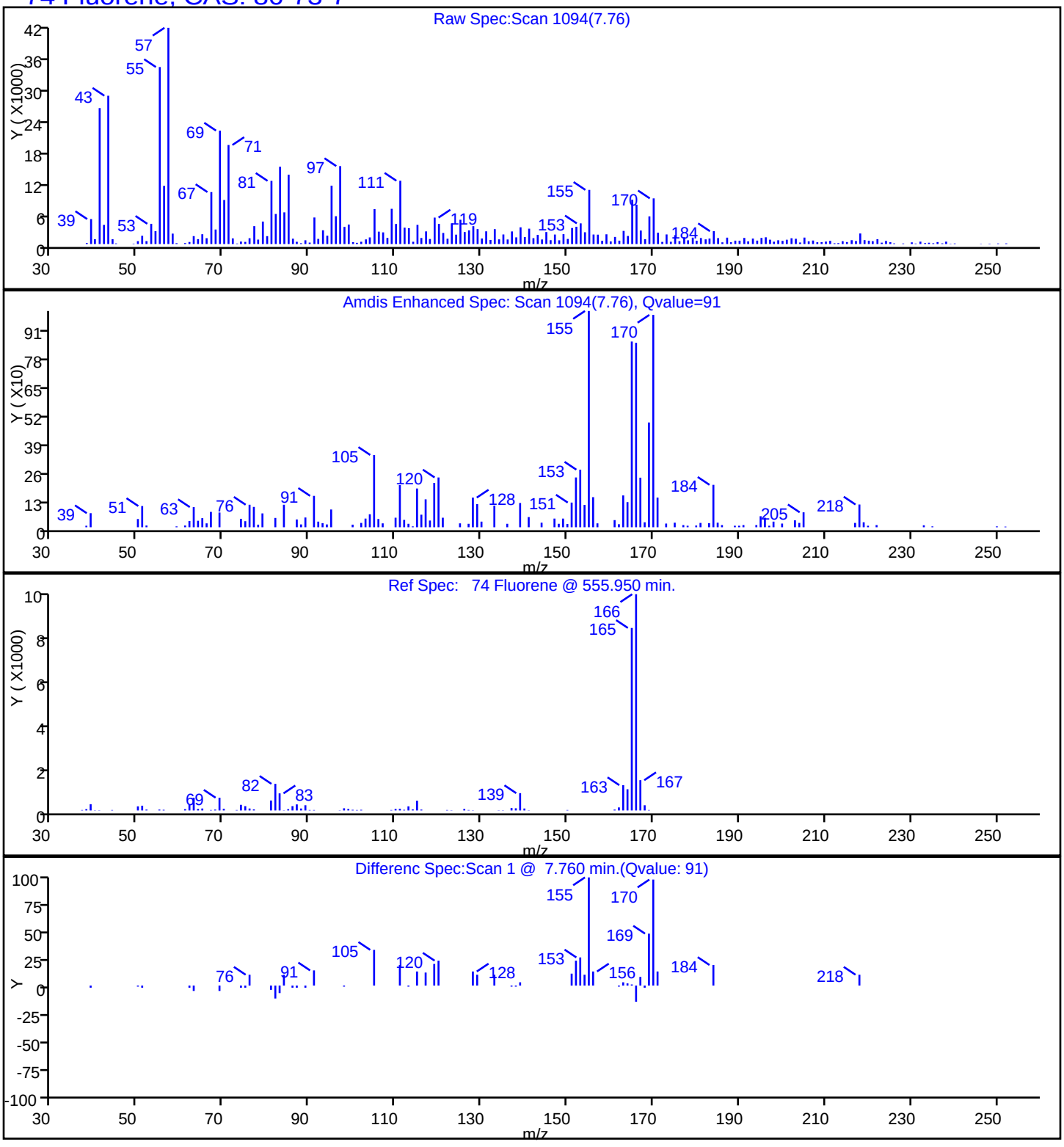
71 Dibenzofuran, CAS: 132-64-9



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

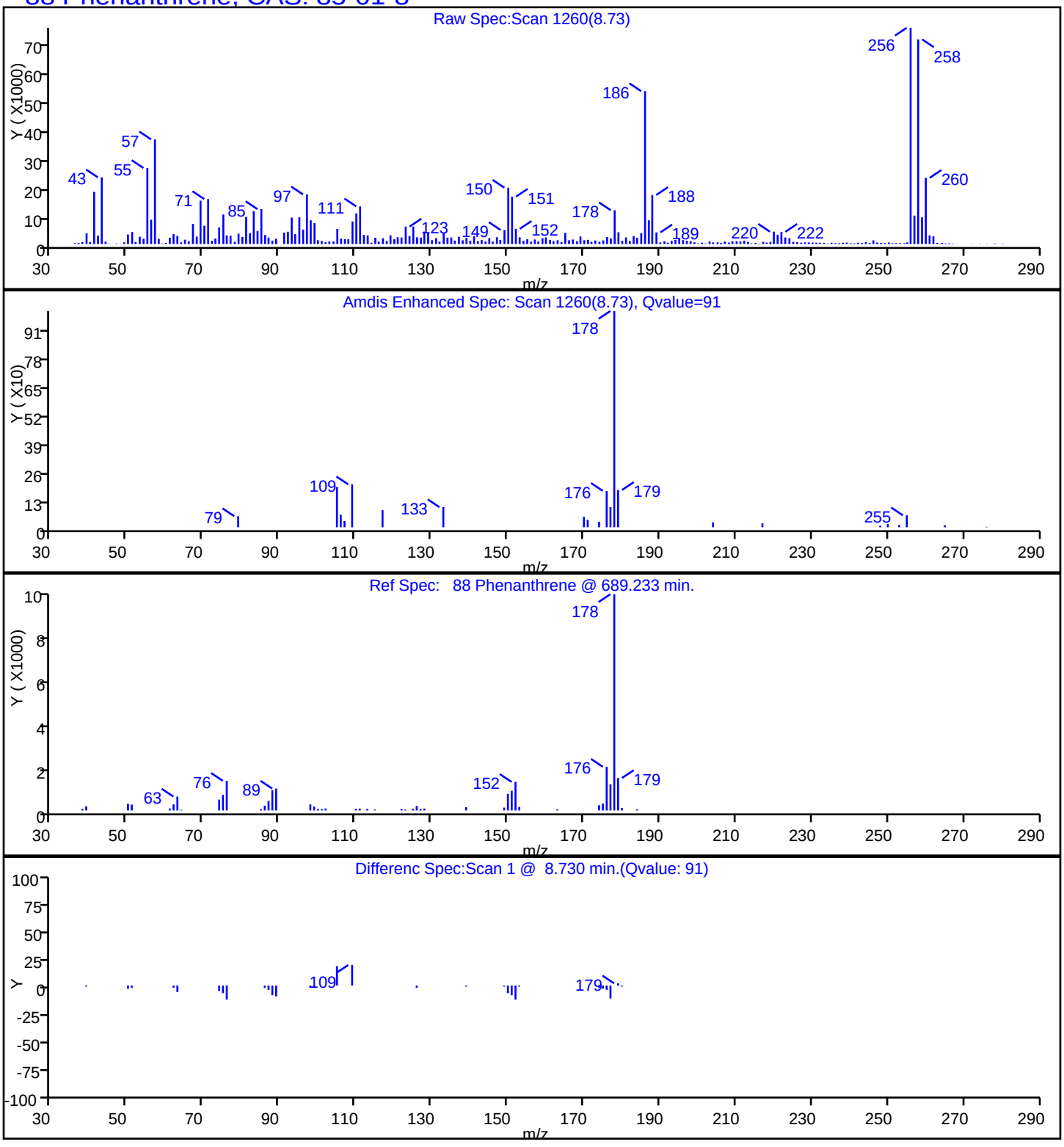
74 Fluorene, CAS: 86-73-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

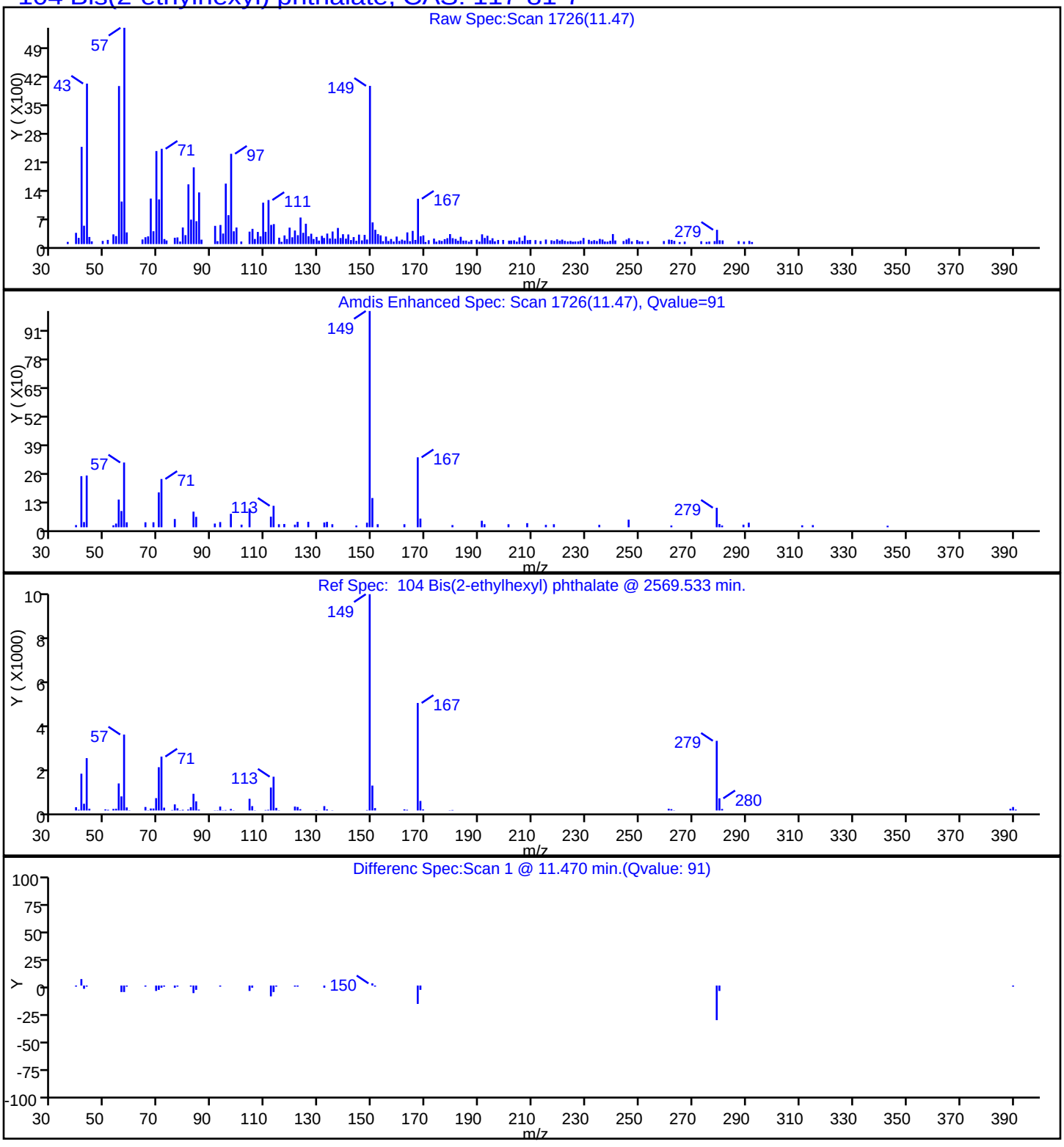
88 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

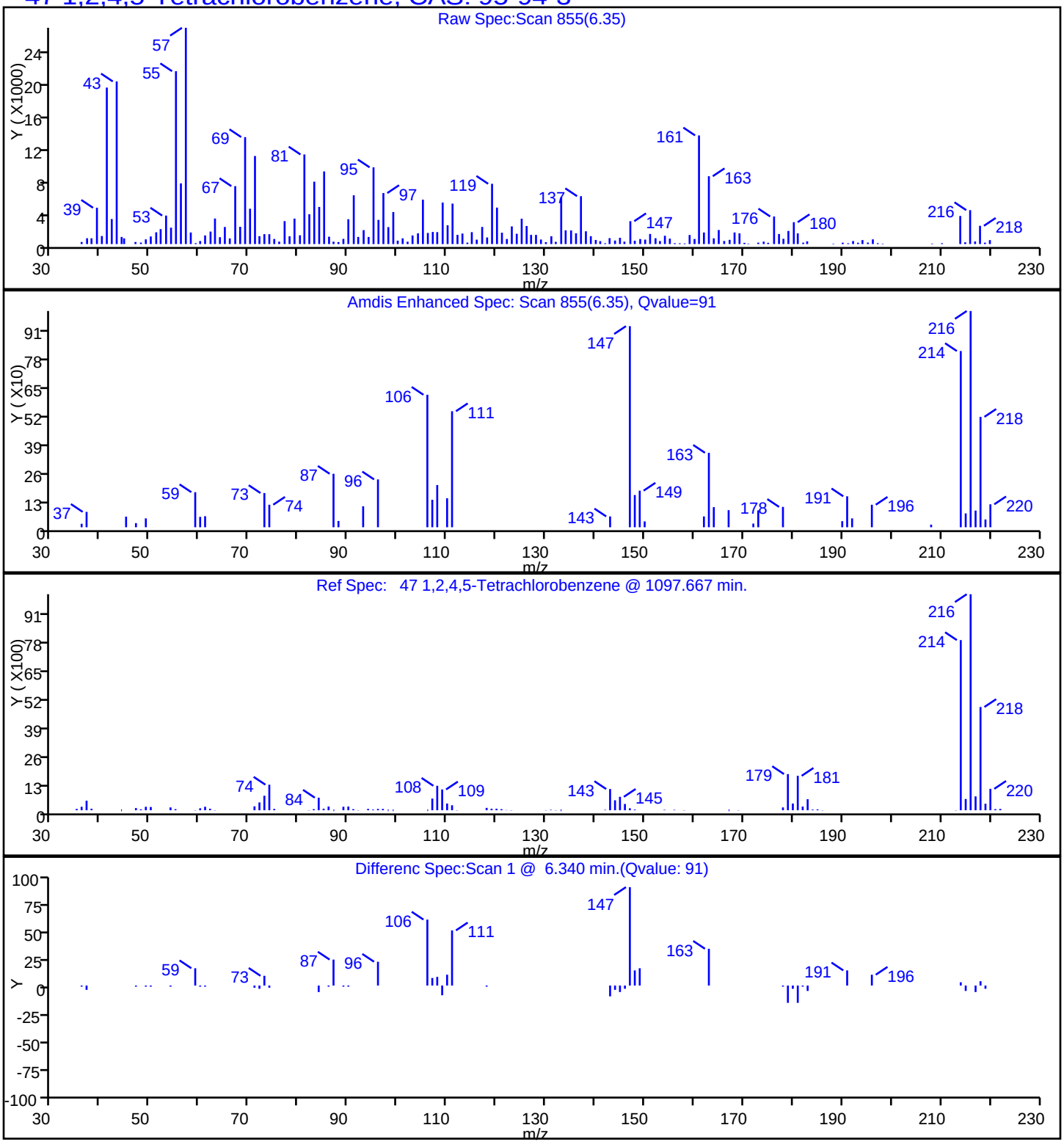
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D				
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

47 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3



Report Date: 11-Nov-2015 11:24:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

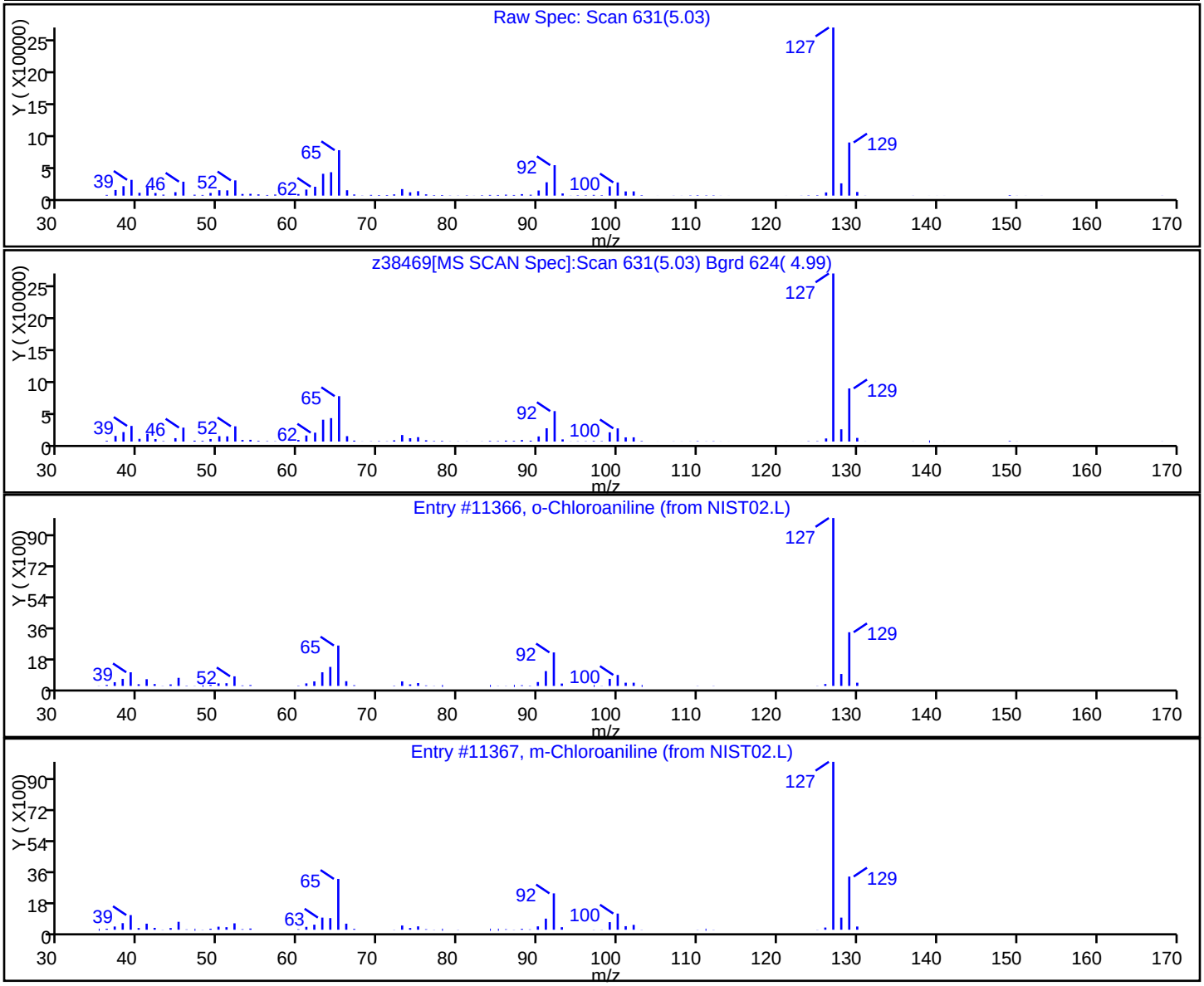
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

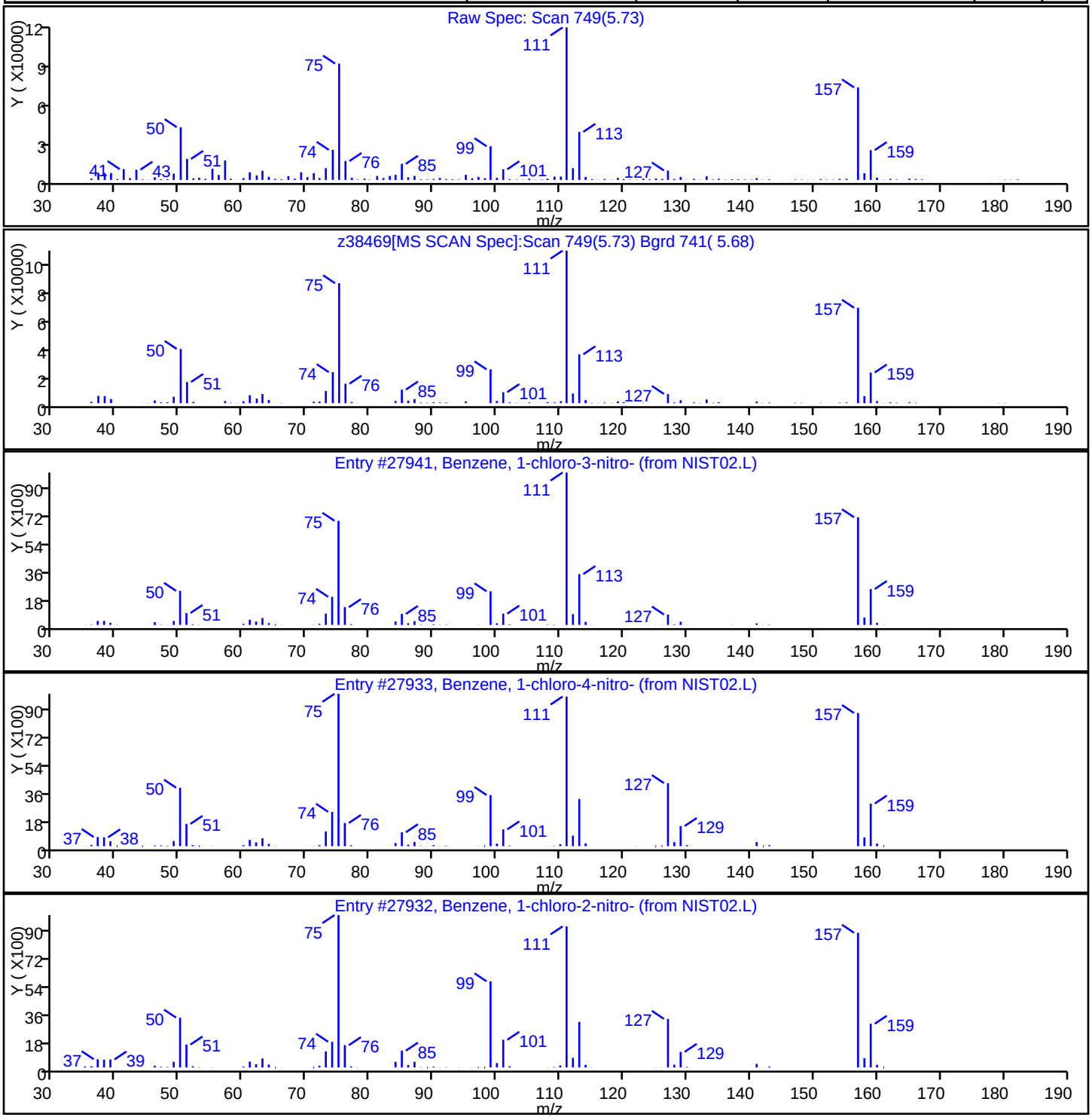
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
o-Chloroaniline	95-51-2	NIST02.L	11366	C6H6ClN	127	96
m-Chloroaniline	108-42-9	NIST02.L	11367	C6H6ClN	127	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	97
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27933	C6H4ClNO2	157	91
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27932	C6H4ClNO2	157	80



Report Date: 11-Nov-2015 11:24:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

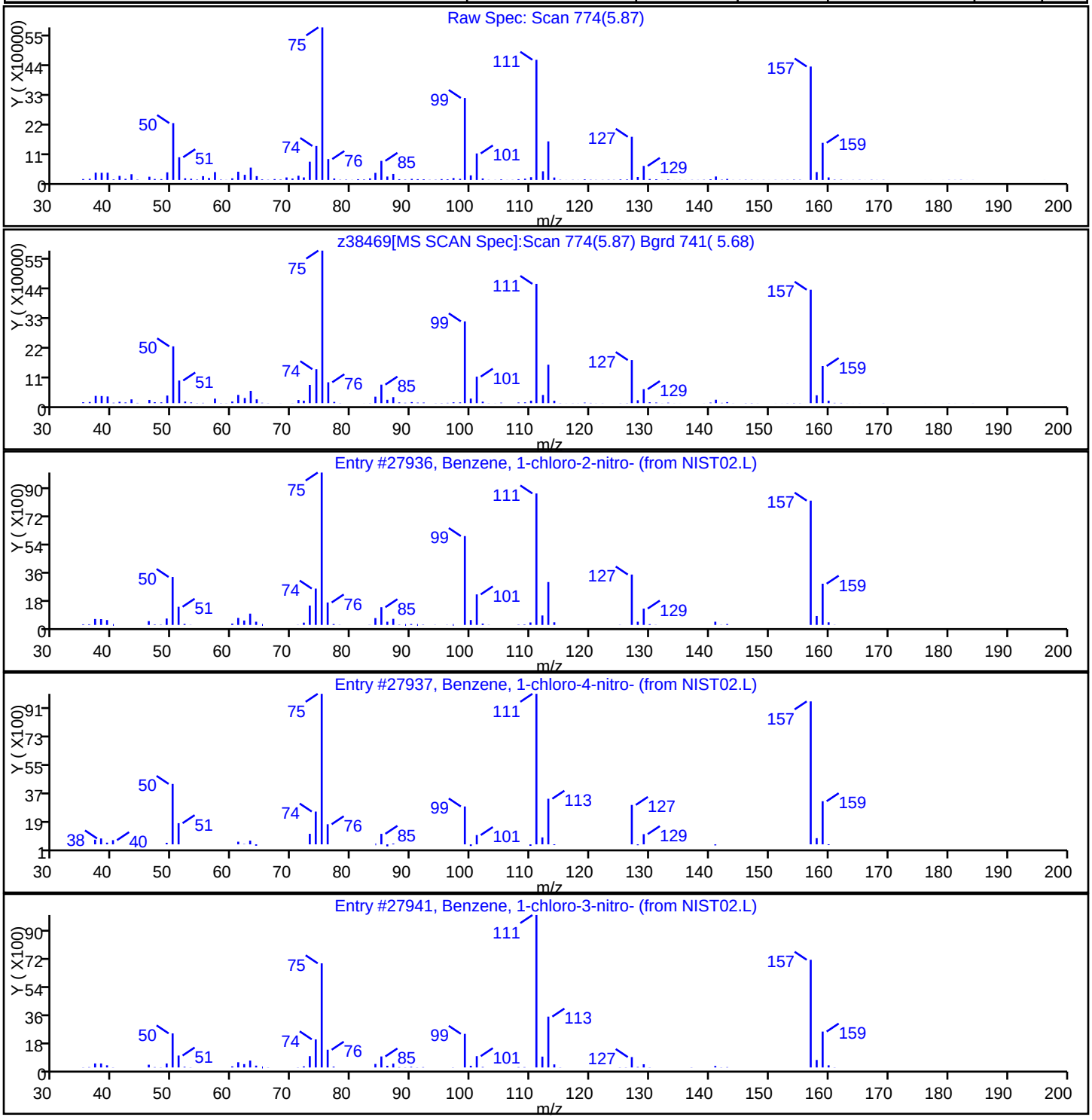
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	99
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27937	C6H4ClNO2	157	98
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94



Report Date: 11-Nov-2015 11:24:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

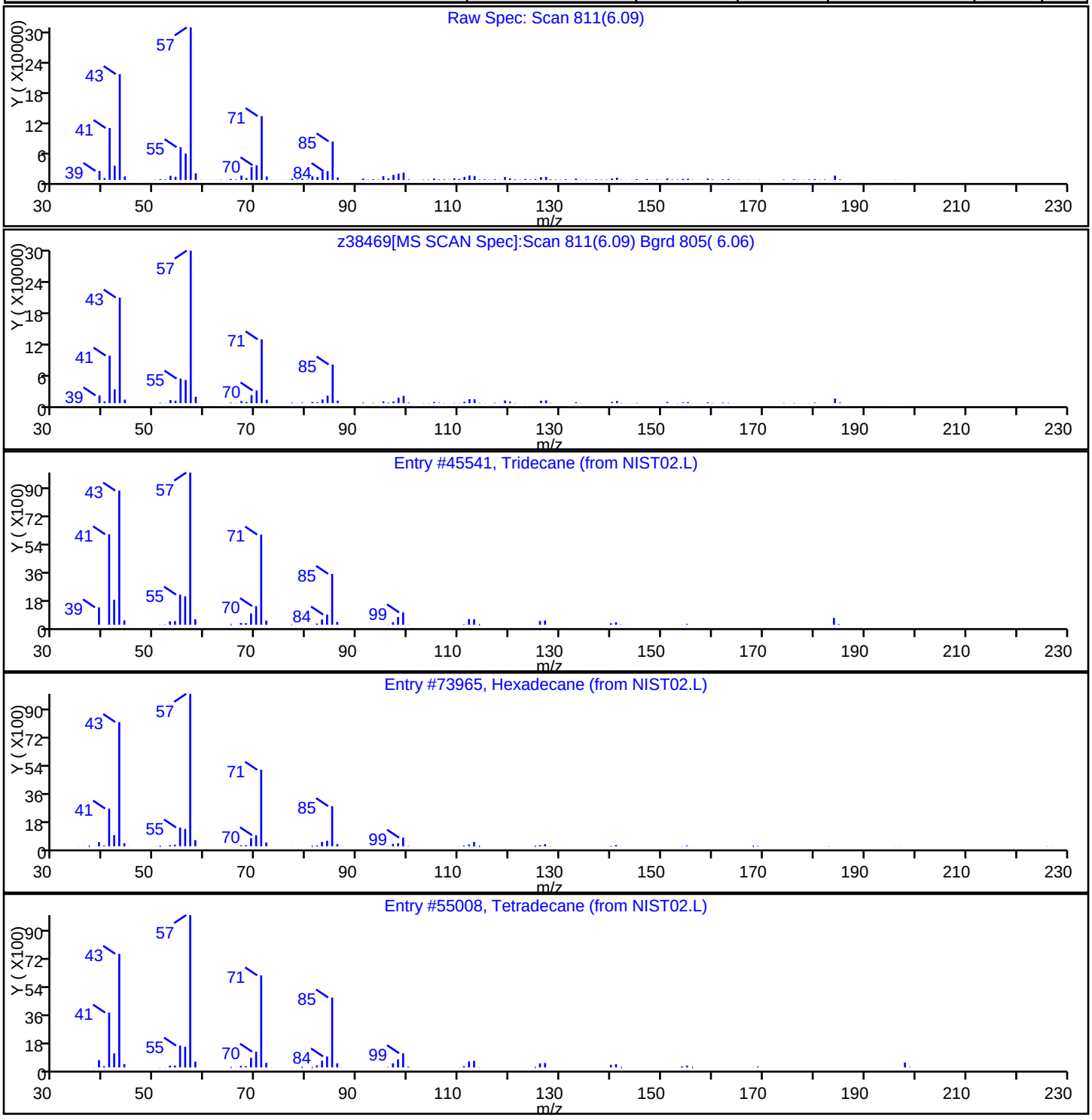
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

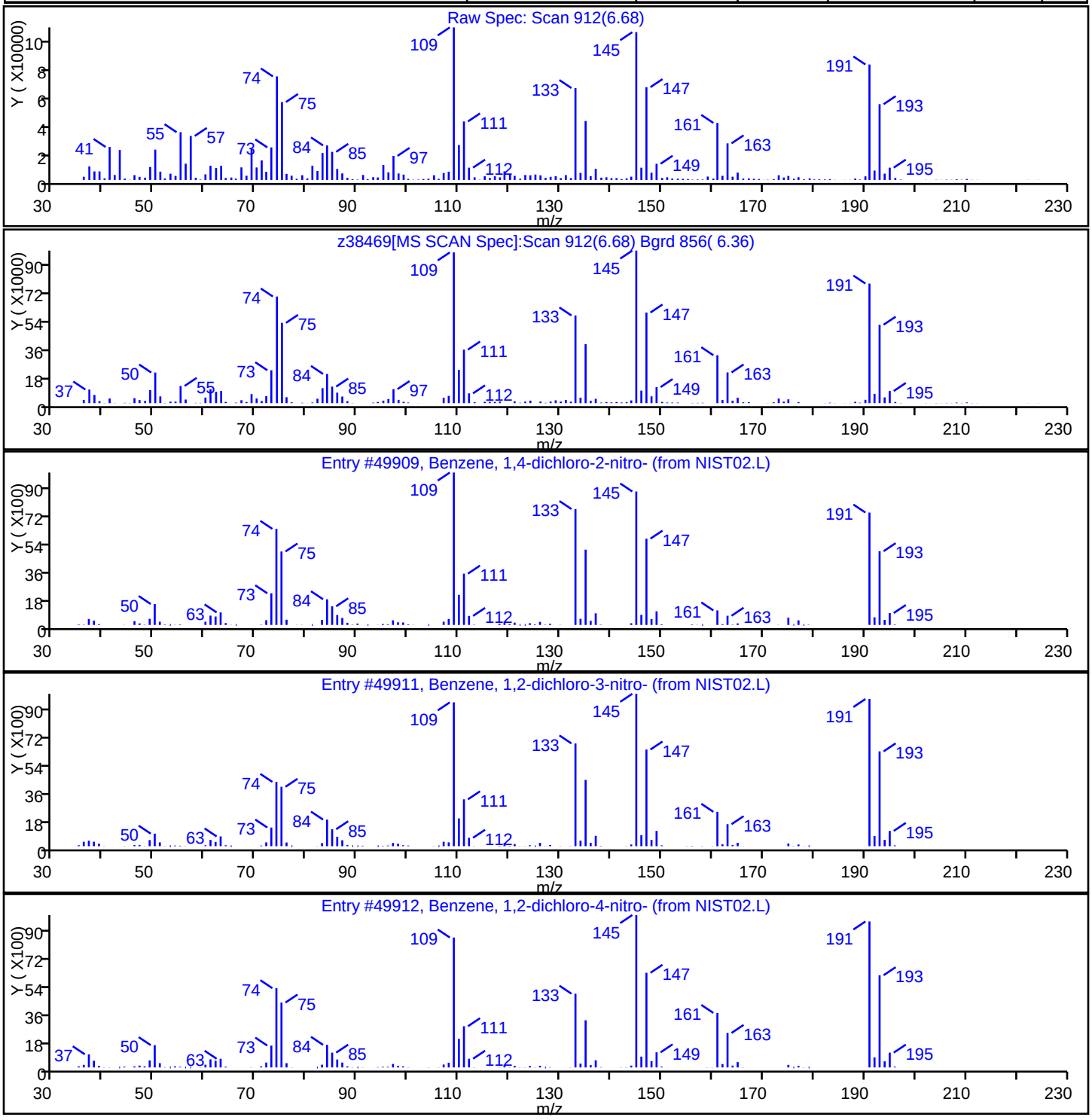
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	96
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	83



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

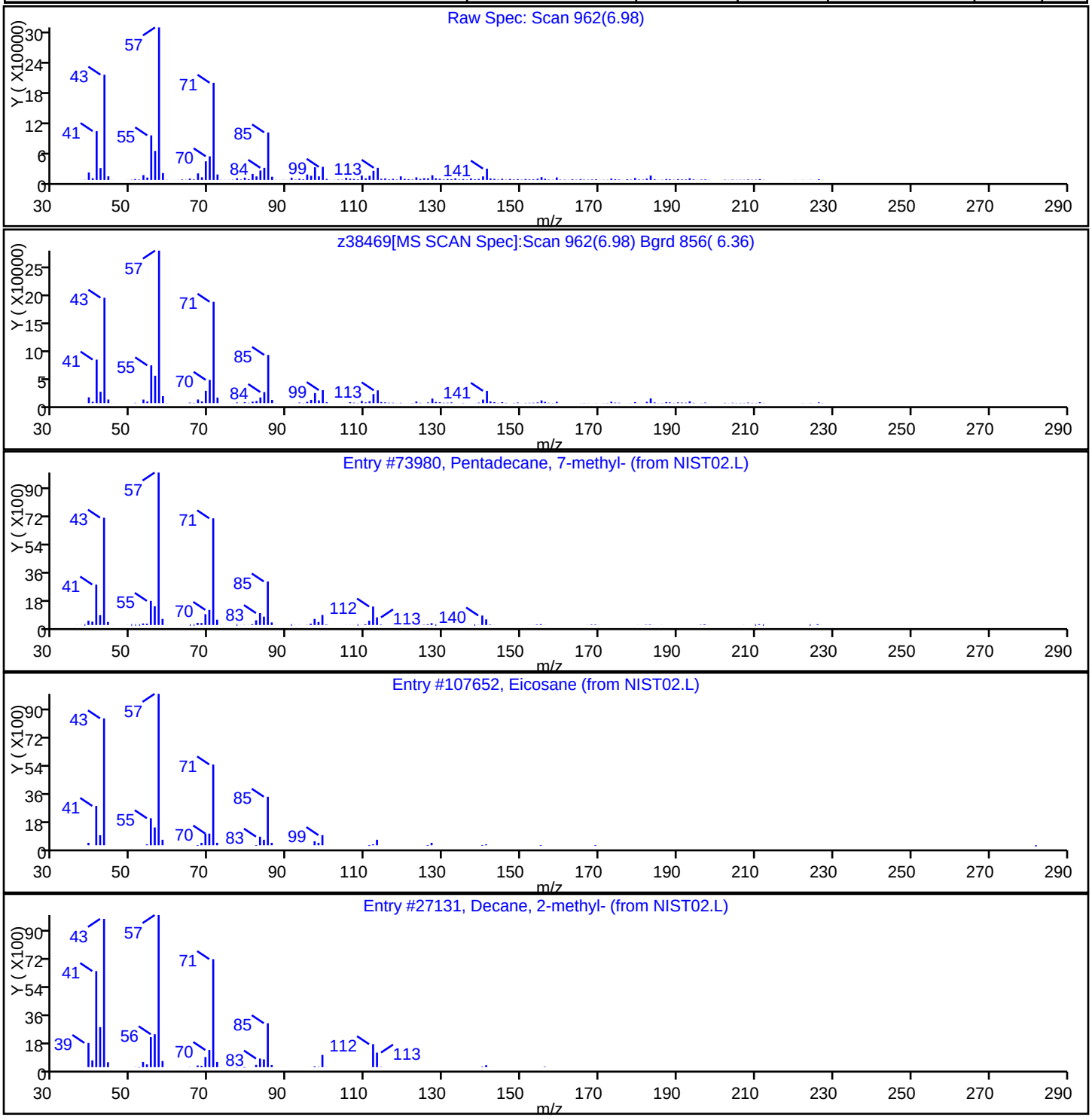
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1,4-dichloro-2-nitro-	89-61-2	NIST02.L	49909	C6H3Cl2NO2	191	99
Benzene, 1,2-dichloro-3-nitro-	3209-22-1	NIST02.L	49911	C6H3Cl2NO2	191	98
Benzene, 1,2-dichloro-4-nitro-	99-54-7	NIST02.L	49912	C6H3Cl2NO2	191	97



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	90
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	90
Decane, 2-methyl-	6975-98-0	NIST02.L	27131	C11H24	156	87



Report Date: 11-Nov-2015 11:24:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

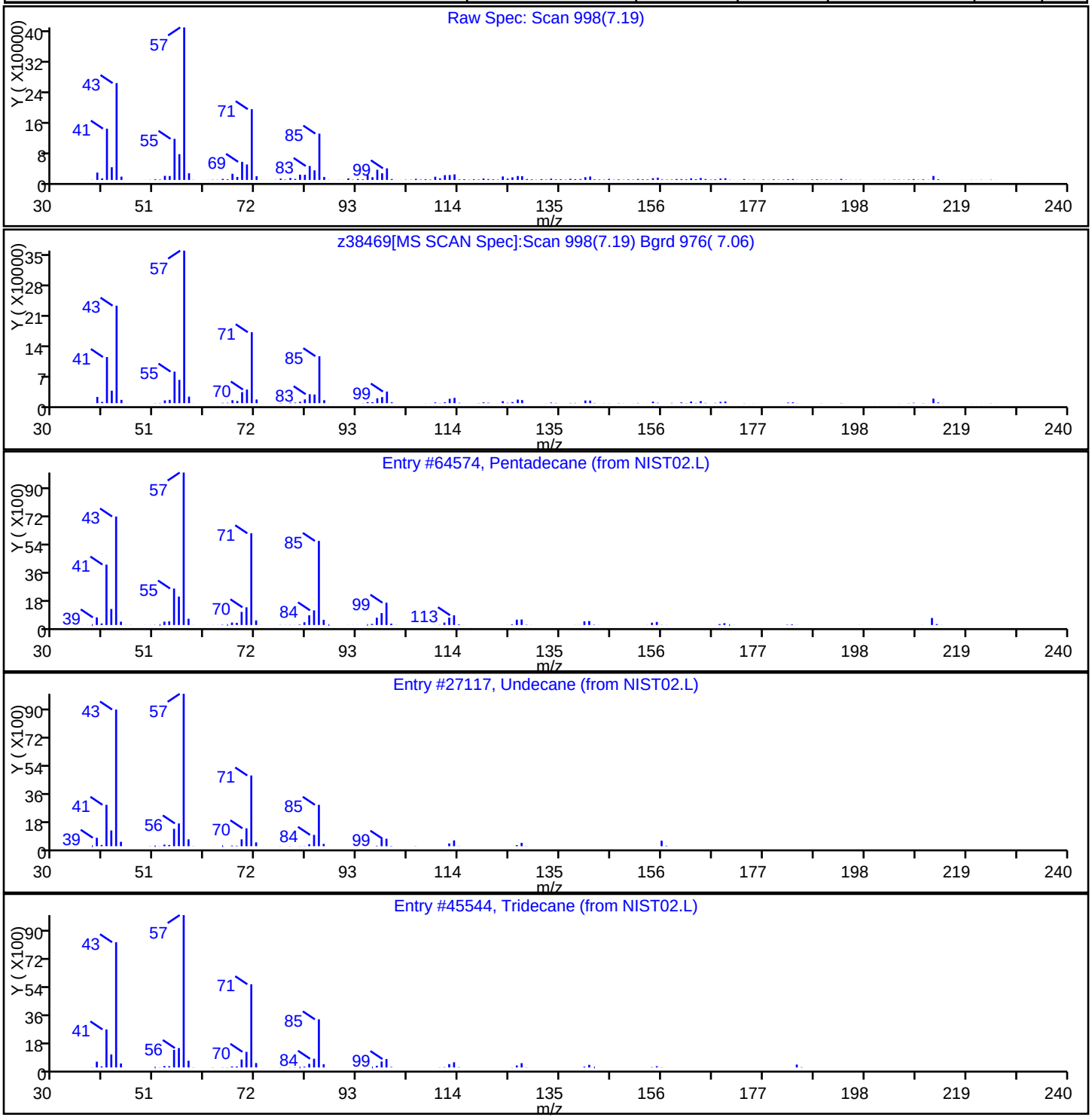
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

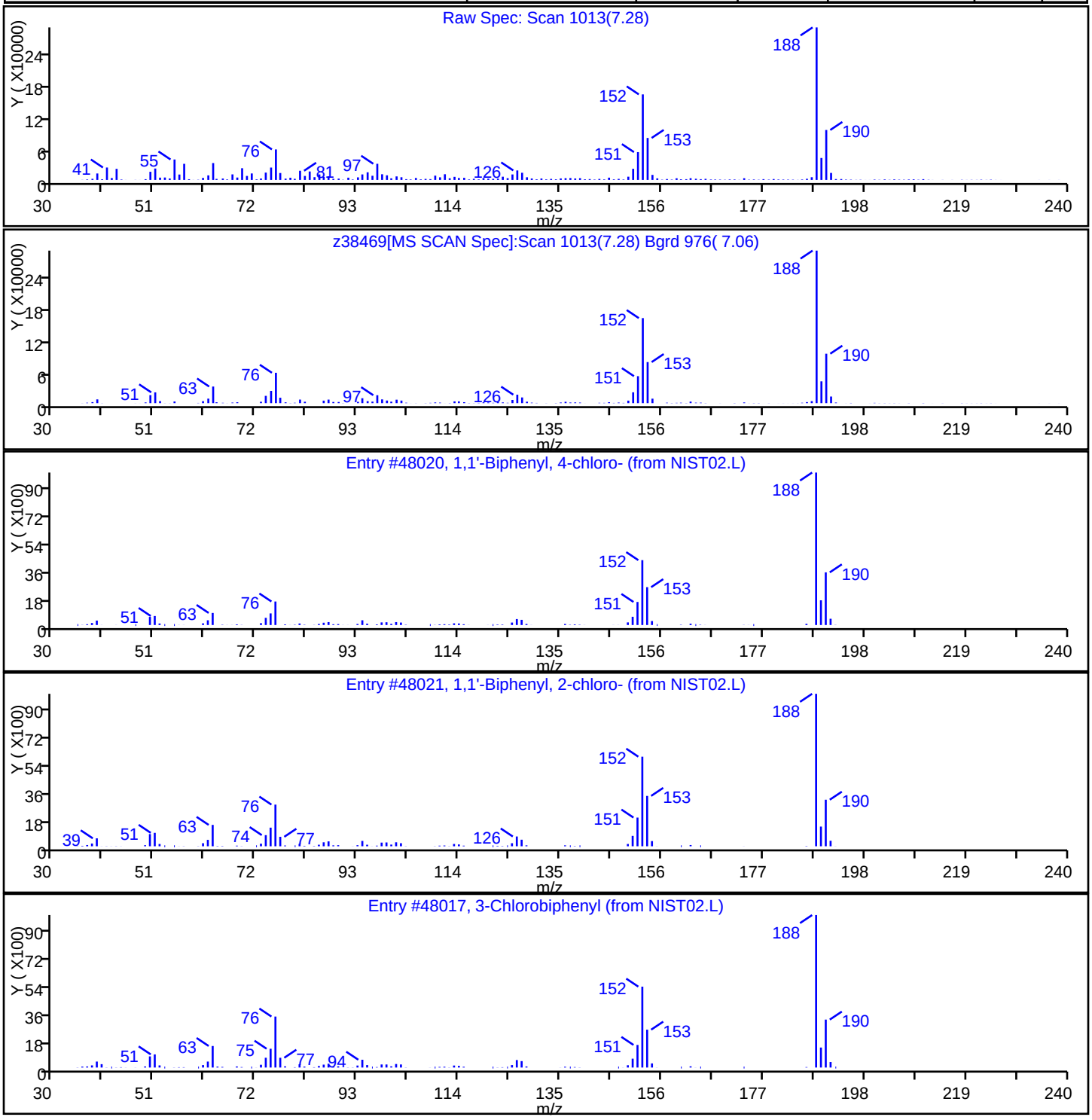
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	95
Undecane	1120-21-4	NIST02.L	27117	C11H24	156	90
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

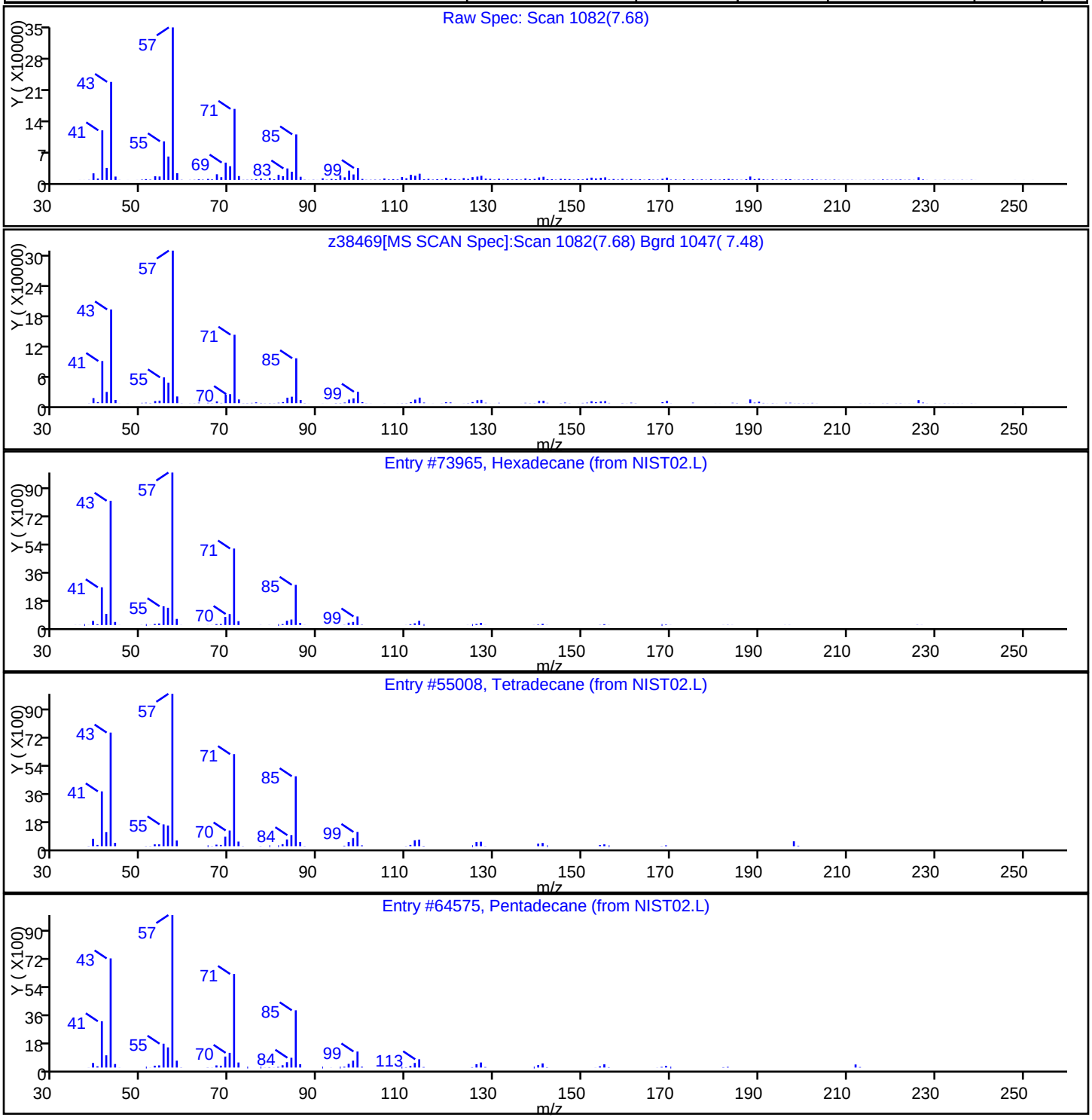
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 4-chloro-	2051-62-9	NIST02.L	48020	C12H9Cl	188	98
1,1'-Biphenyl, 2-chloro-	2051-60-7	NIST02.L	48021	C12H9Cl	188	98
3-Chlorobiphenyl	2051-61-8	NIST02.L	48017	C12H9Cl	188	96



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

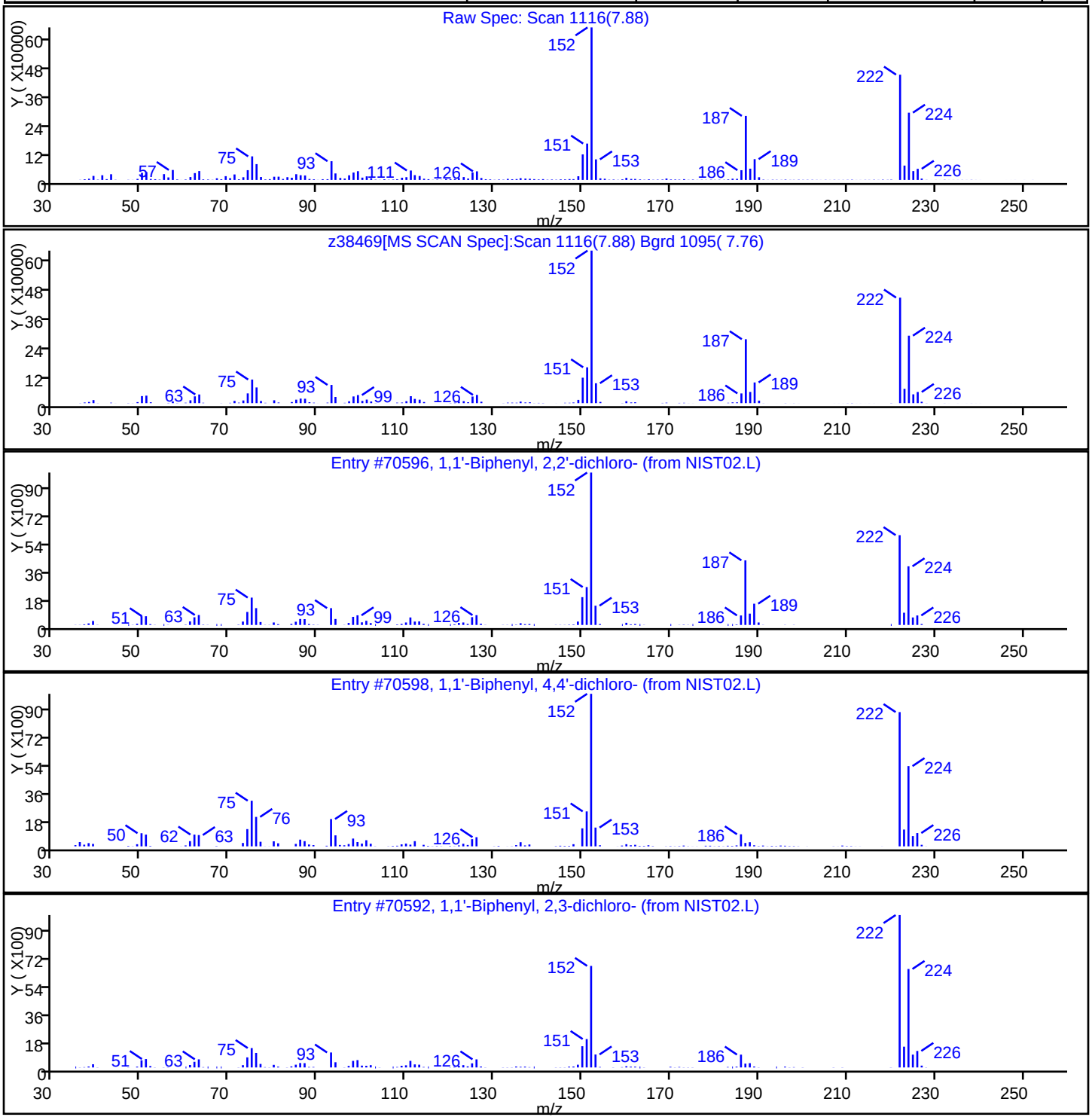
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	80
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.L	70596	C12H8Cl2	222	99
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.L	70598	C12H8Cl2	222	97
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.L	70592	C12H8Cl2	222	95



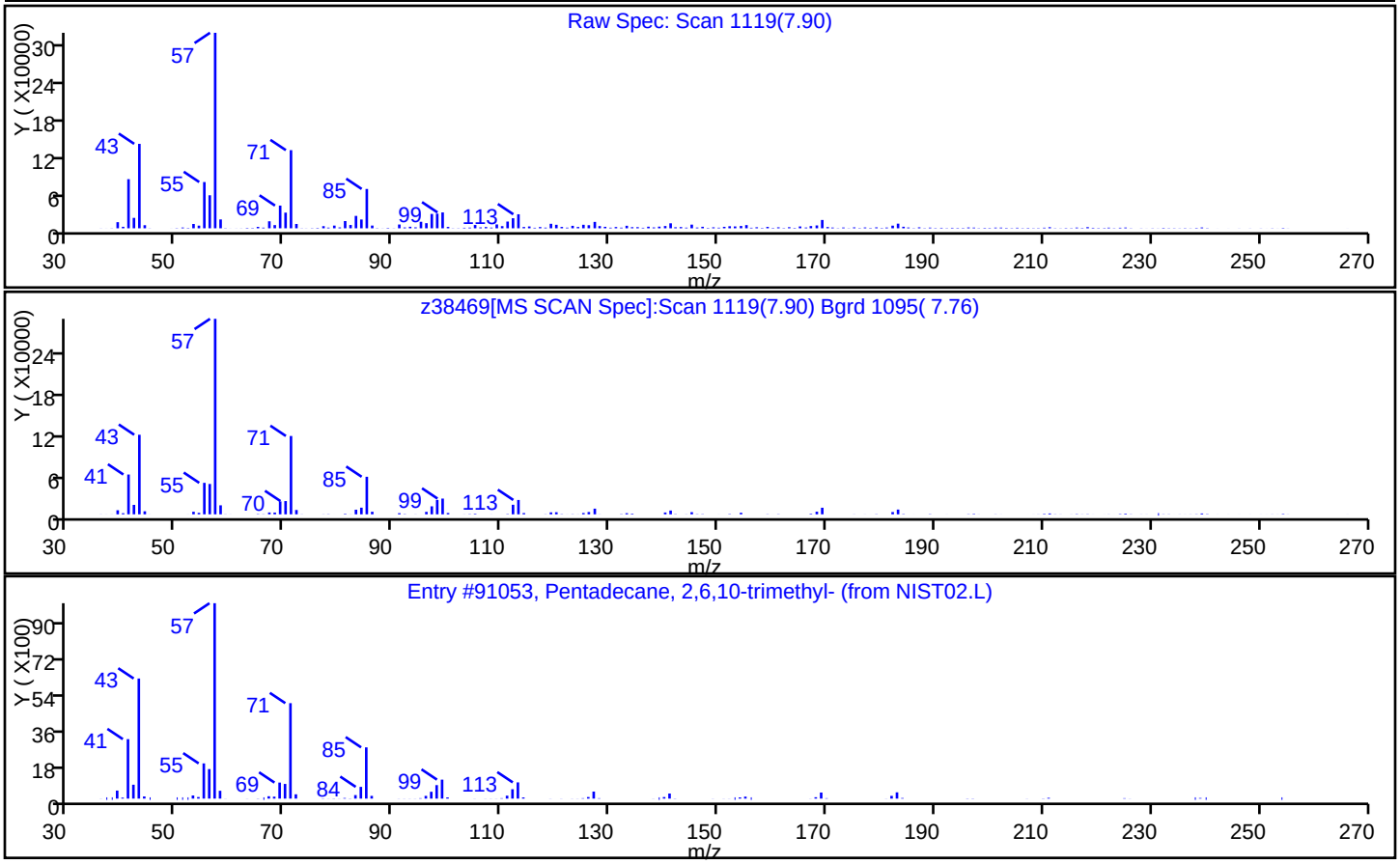
Report Date: 11-Nov-2015 11:24:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	86



Report Date: 11-Nov-2015 11:24:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

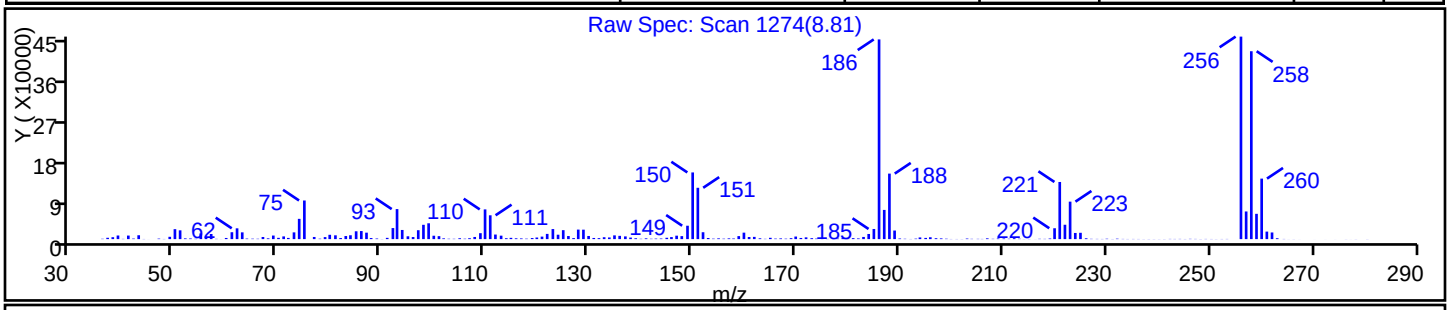
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

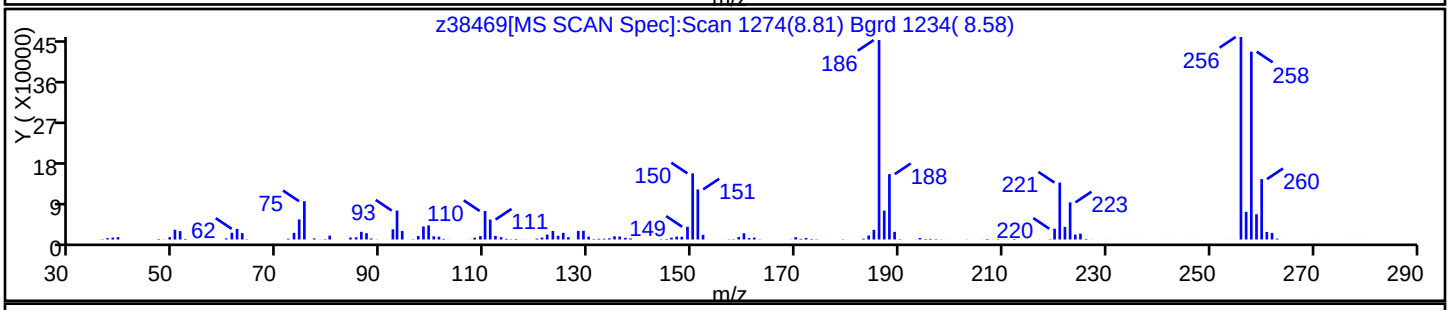
Injection Vol: 1.0 ul Dil. Factor: 5.0000

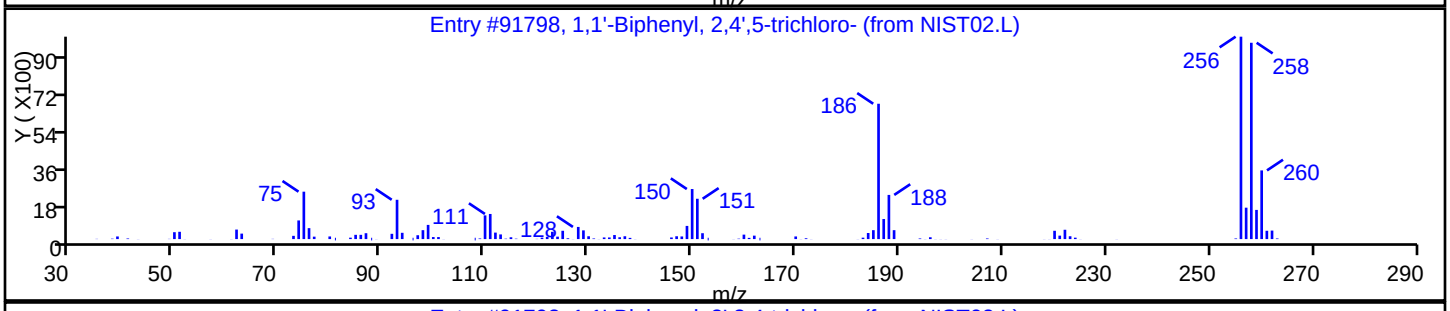
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

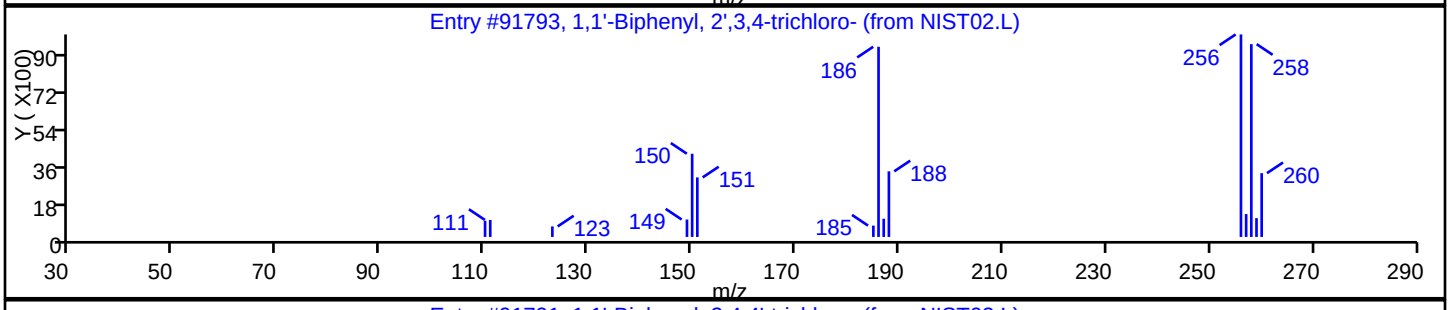
Column: Detector MS SCAN

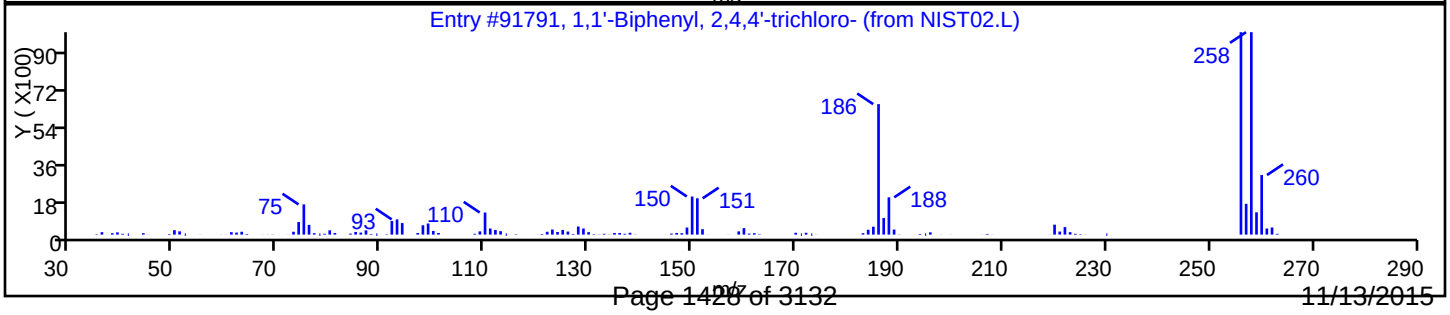
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91798	C12H7Cl3	256	99
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.L	91793	C12H7Cl3	256	98
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91791	C12H7Cl3	256	96







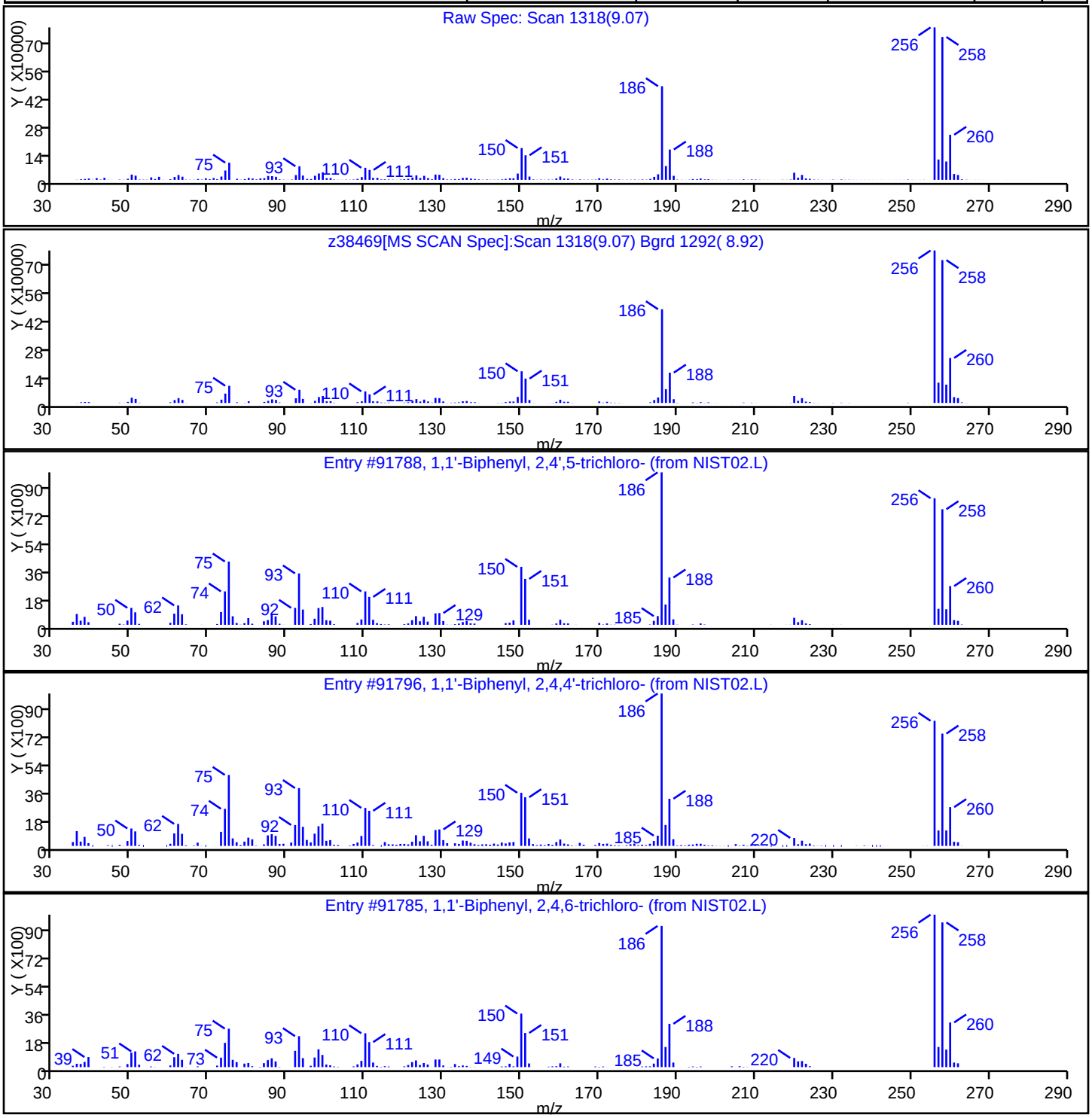




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

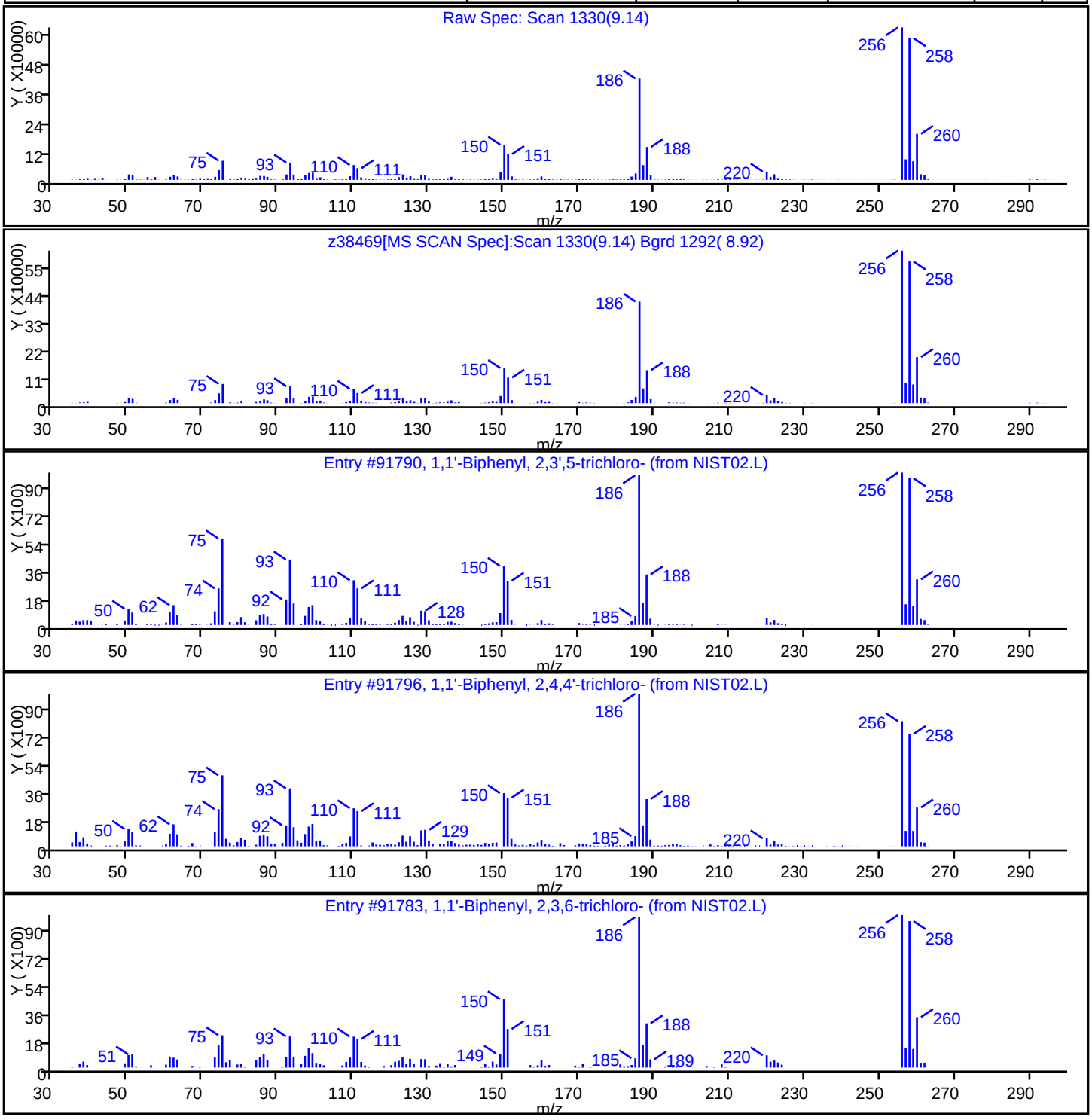
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	99



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

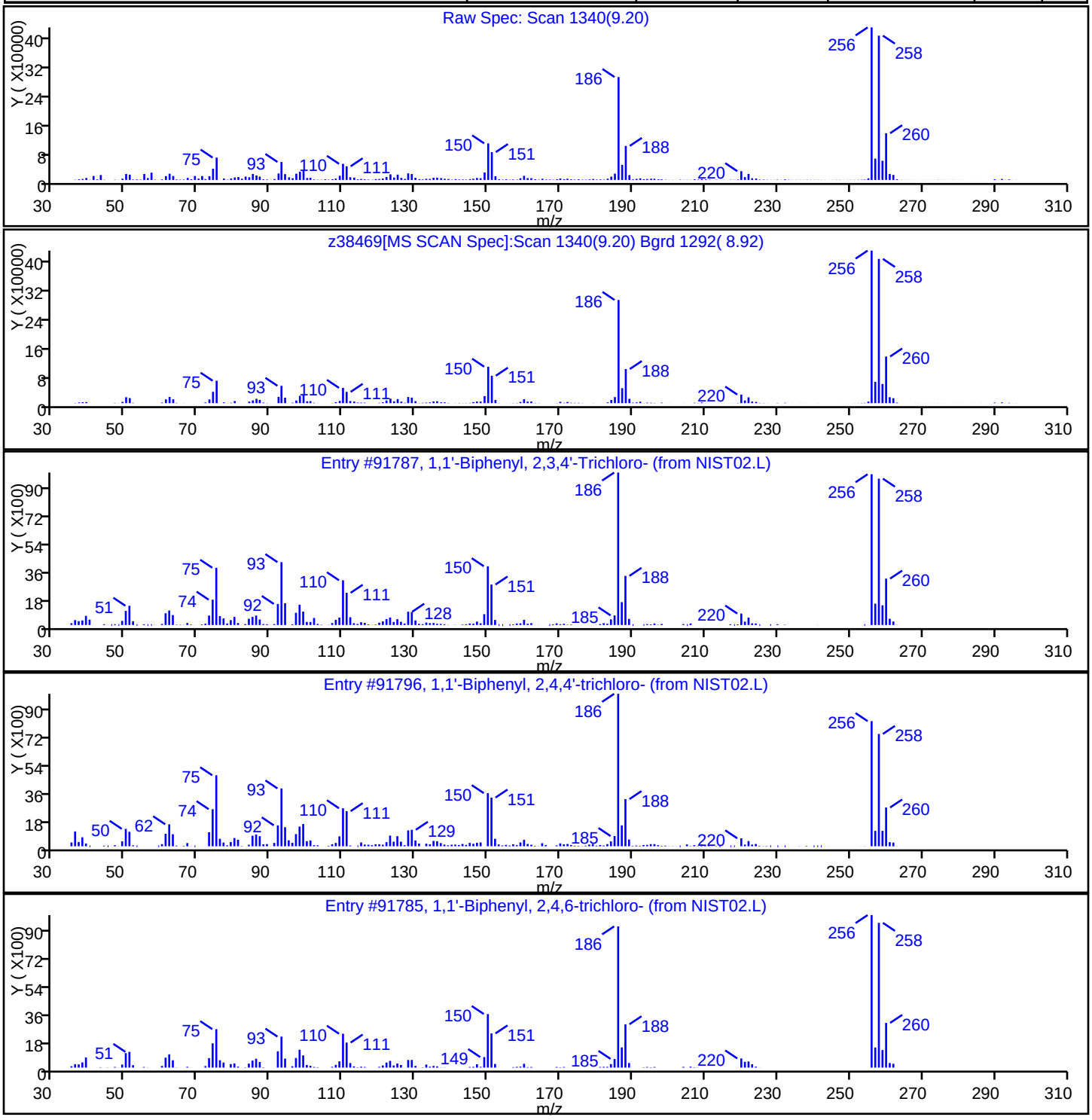
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5-trichloro-	38444-81-4	NIST02.L	91790	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	99
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.L	91783	C12H7Cl3	256	98



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D
Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.L	91787	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	99
1,1'-Biphenyl, 2,4,6-trichloro-	35693-92-6	NIST02.L	91785	C12H7Cl3	256	99



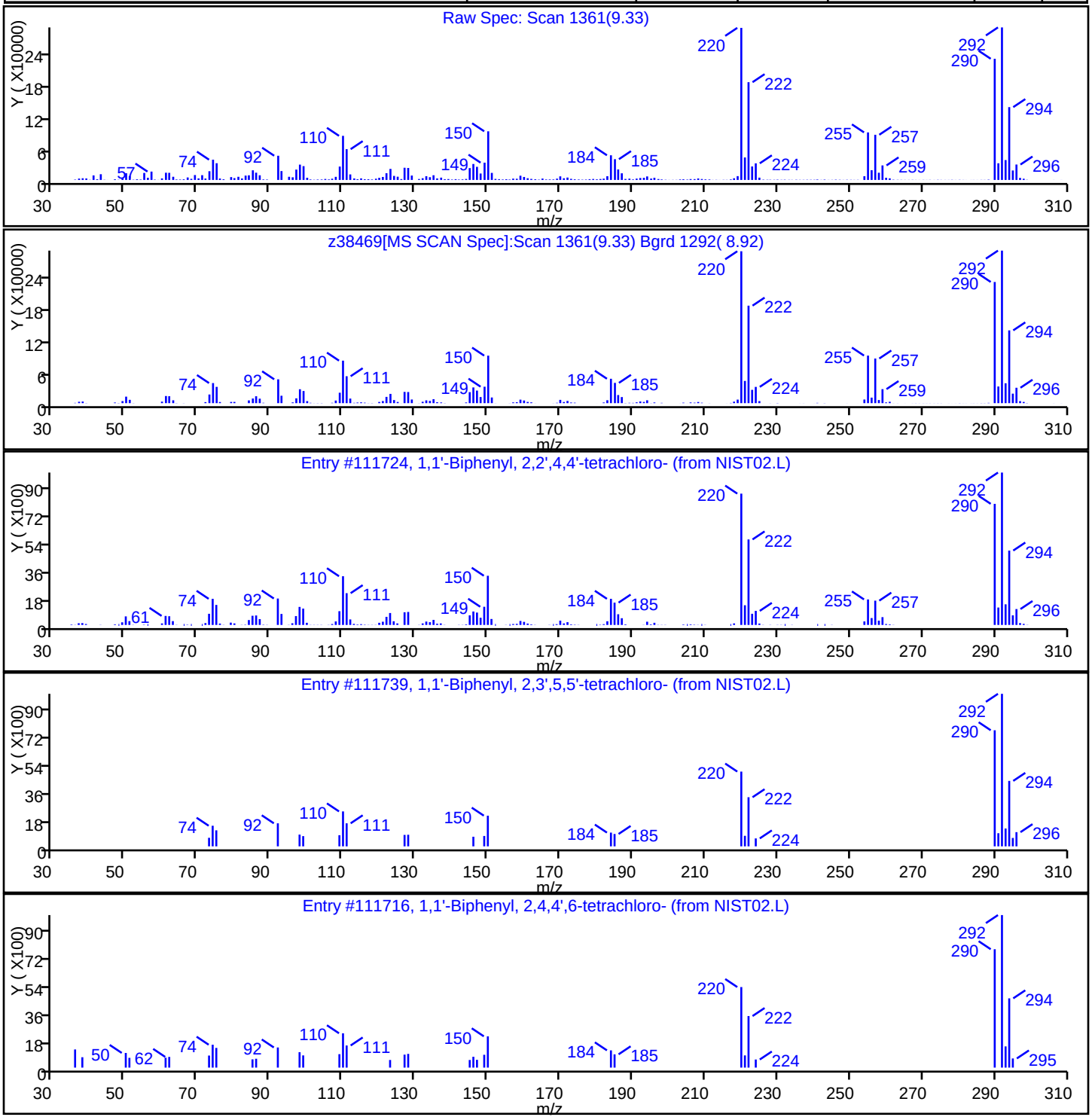
Report Date: 11-Nov-2015 11:24:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	96



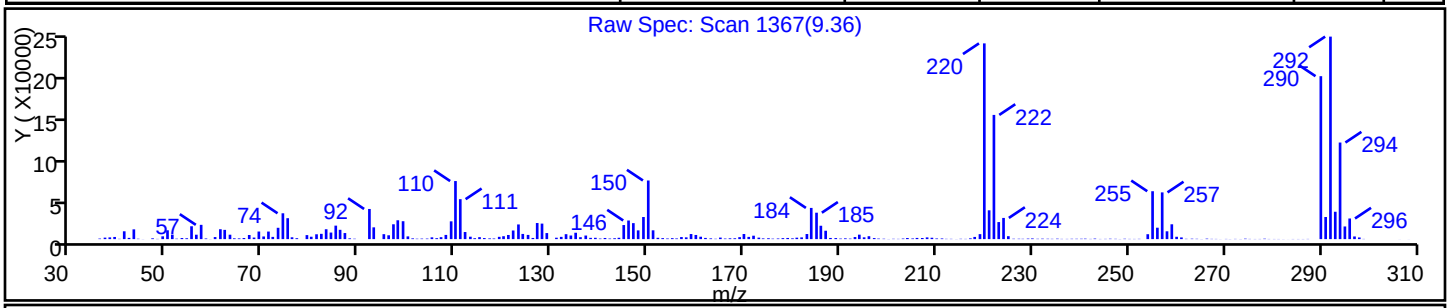
Report Date: 11-Nov-2015 11:24:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

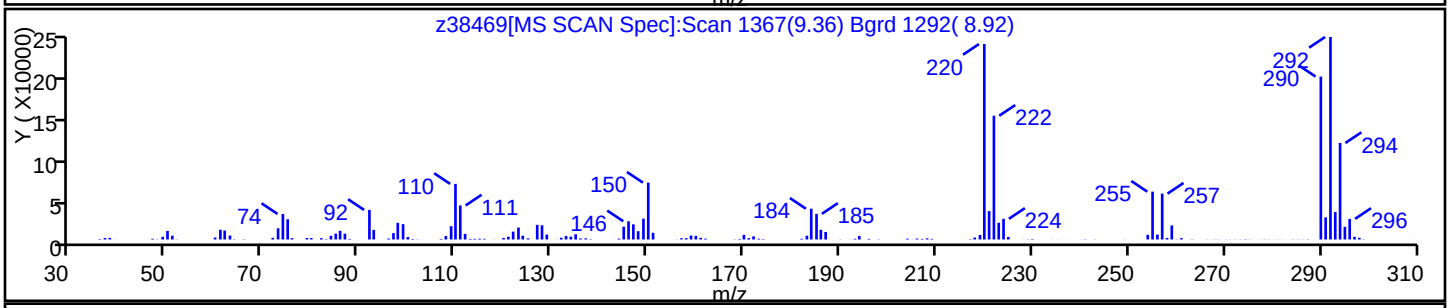
TestAmerica Edison

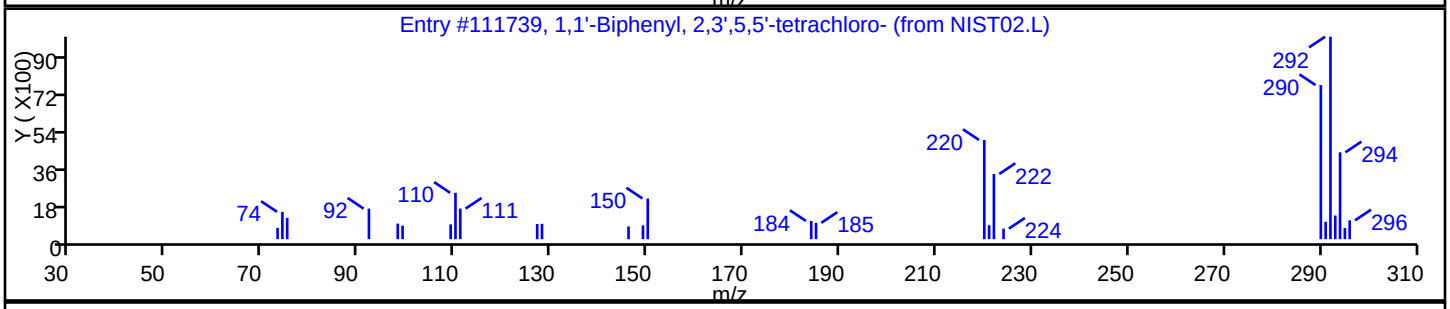
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

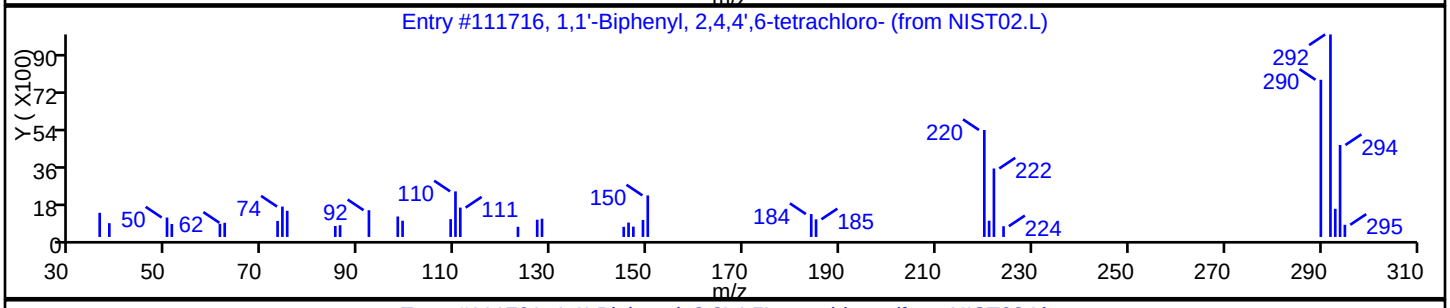
Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

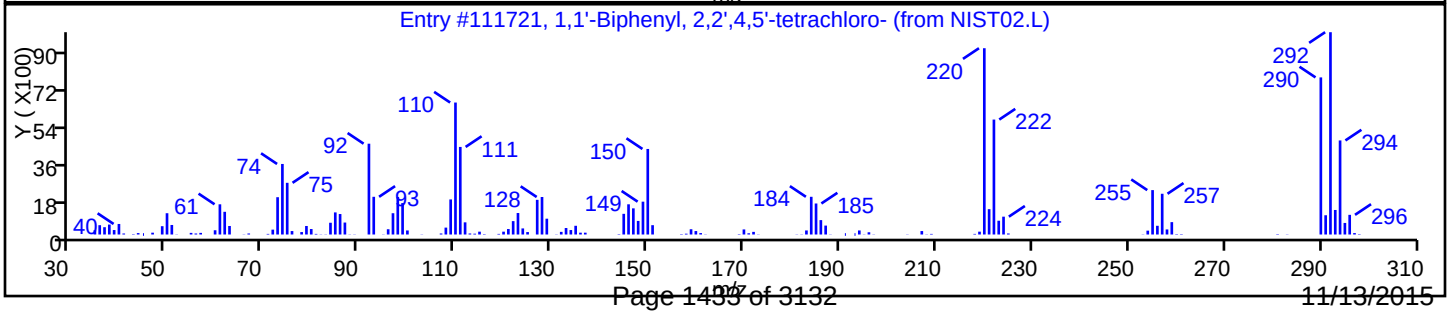
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 2,4,4',6-tetrachloro-	32598-12-2	NIST02.L	111716	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	96











Report Date: 11-Nov-2015 11:24:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

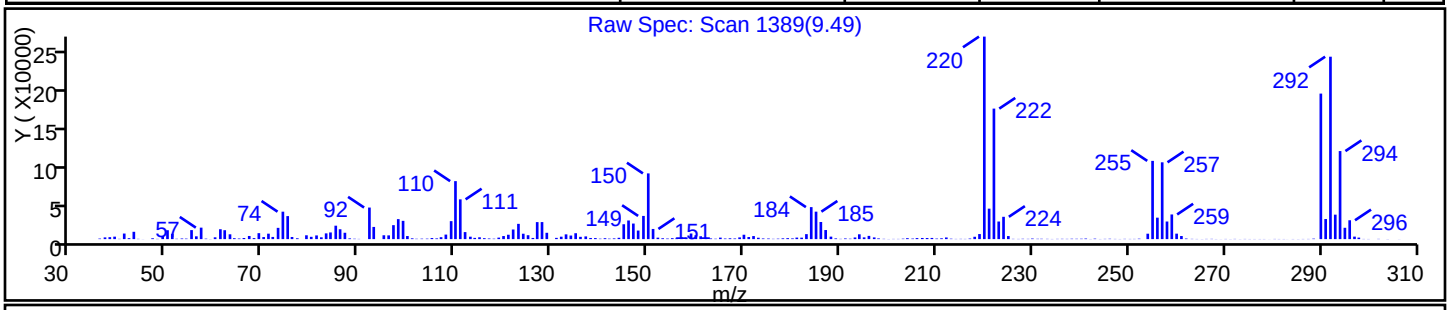
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

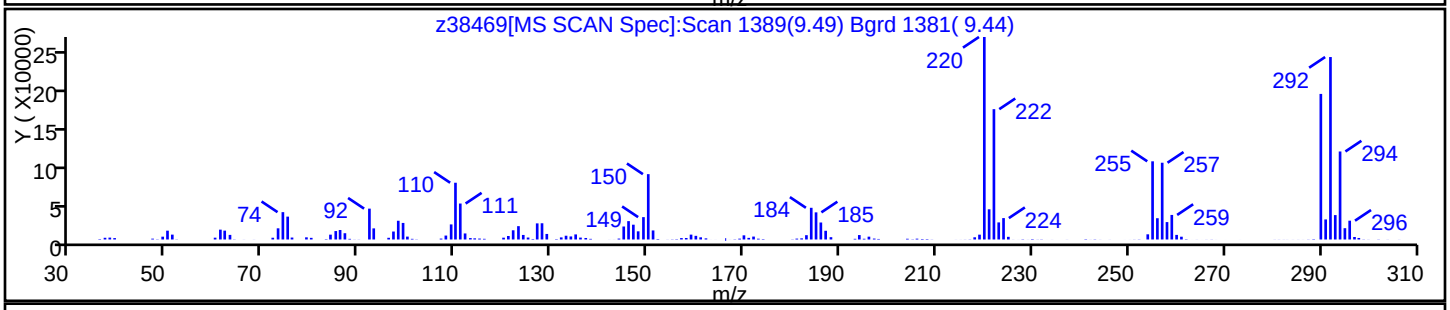
Injection Vol: 1.0 ul Dil. Factor: 5.0000

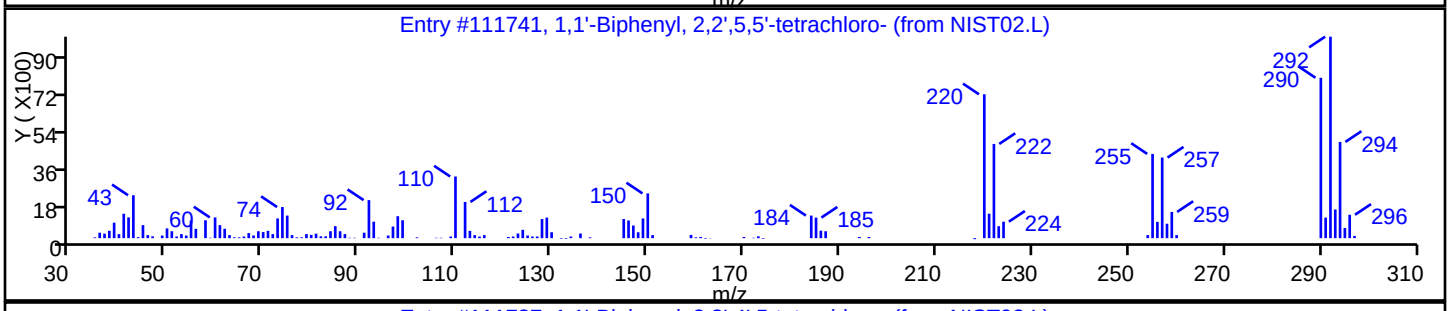
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

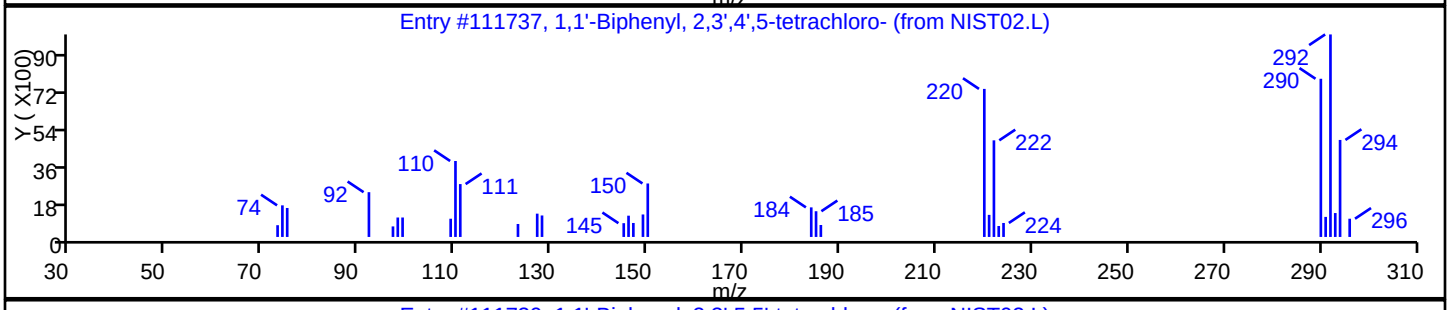
Column: Detector MS SCAN

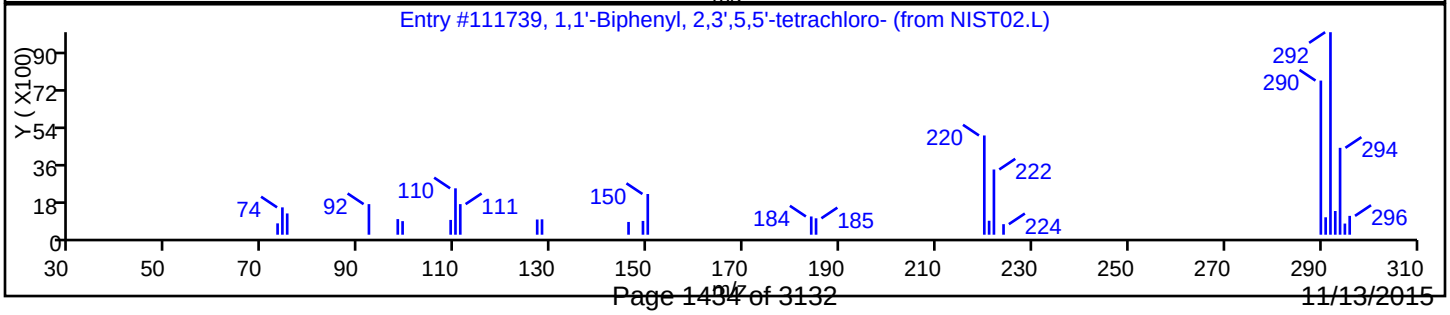
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown Substituted Biphenyl						
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111741	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99











Report Date: 11-Nov-2015 11:24:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date: 10-Nov-2015 15:19:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-8-A Lab Sample ID: 460-104096-8

Client ID: PMP-24-NW2-DV

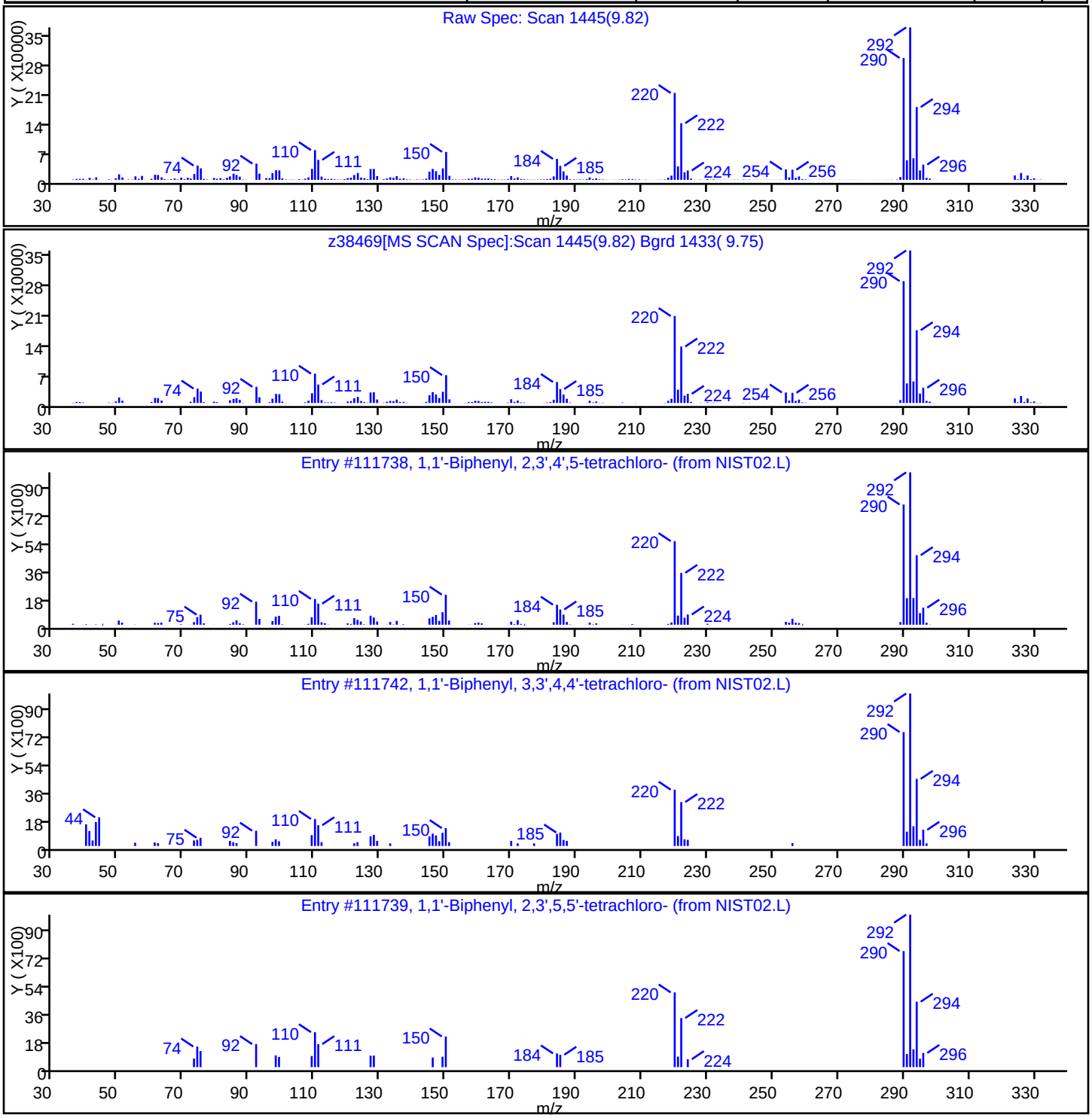
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111738	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99

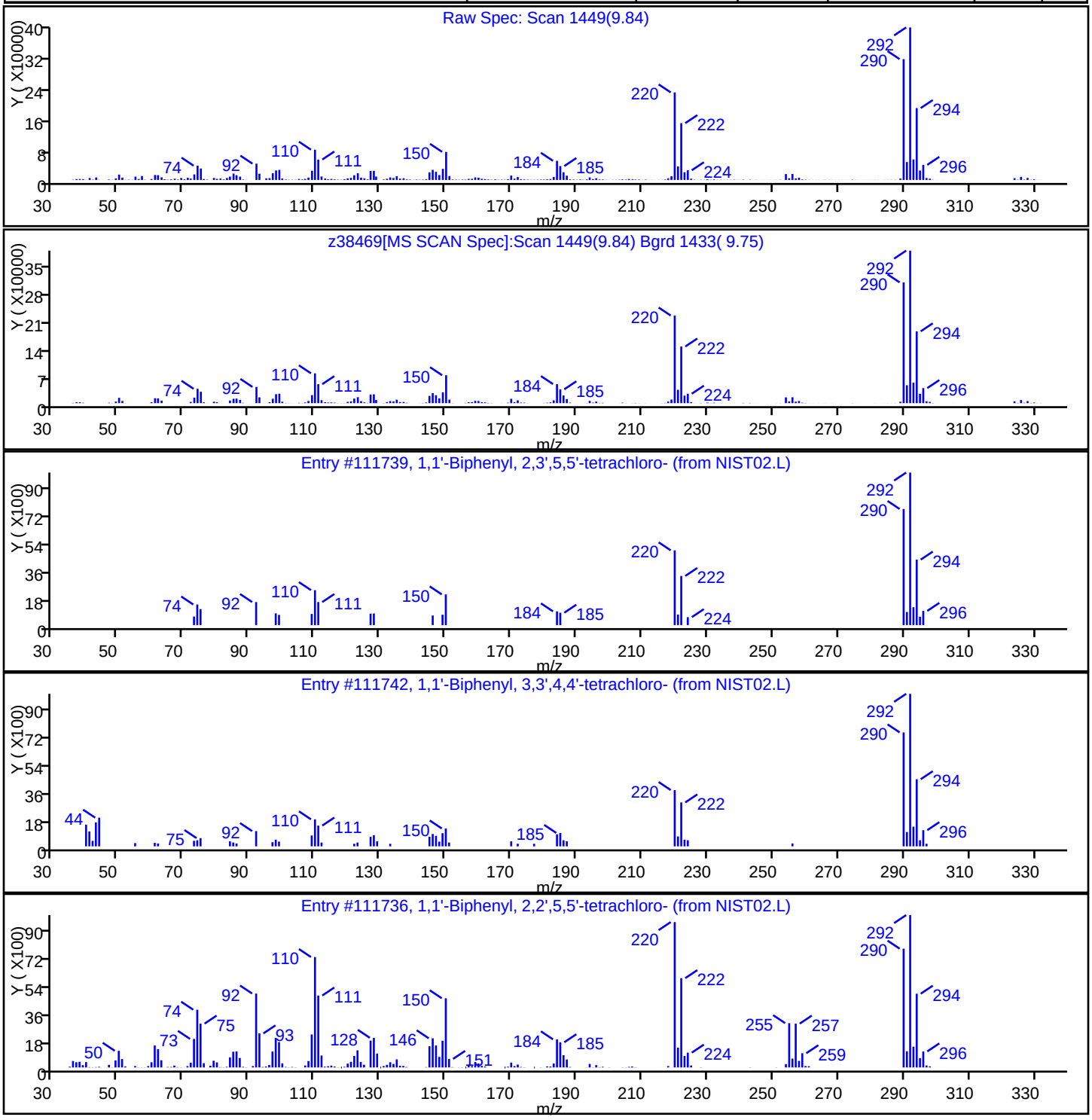


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38469.D

Injection Date:	10-Nov-2015 15:19:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-8-A	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',5,5'-tetrachloro-	41464-42-0	NIST02.L	111739	C12H6Cl4	290	99
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	C12H6Cl4	290	96



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: L127859.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:45

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/10/2015 10:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	360	12
95-57-8	2-Chlorophenol	9.1	U	360	9.1
95-48-7	2-Methylphenol	16	U	360	16
106-44-5	4-Methylphenol	9.7	U	360	9.7
100-52-7	Benzaldehyde	27	U	360	27
98-86-2	Acetophenone	7.8	U	360	7.8
111-44-4	Bis(2-chloroethyl)ether	8.4	U	36	8.4
108-60-1	2,2'-oxybis[1-chloropropane]	15	U	360	15
621-64-7	N-Nitrosodi-n-propylamine	12	U	36	12
98-95-3	Nitrobenzene	11	U	36	11
67-72-1	Hexachloroethane	13	U	36	13
78-59-1	Isophorone	7.7	U	140	7.7
88-75-5	2-Nitrophenol	12	U	360	12
105-67-9	2,4-Dimethylphenol	78	U	360	78
120-83-2	2,4-Dichlorophenol	8.4	U	140	8.4
111-91-1	Bis(2-chloroethoxy)methane	11	U	360	11
91-20-3	Naphthalene	12	J	360	9.1
106-47-8	4-Chloroaniline	9.2	U	360	9.2
87-68-3	Hexachlorobutadiene	10	U	72	10
105-60-2	Caprolactam	26	U	360	26
59-50-7	4-Chloro-3-methylphenol	15	U	360	15
91-57-6	2-Methylnaphthalene	17	J	360	7.9
118-74-1	Hexachlorobenzene	14	U	36	14
77-47-4	Hexachlorocyclopentadiene	22	U	360	22
88-06-2	2,4,6-Trichlorophenol	10	U	140	10
95-95-4	2,4,5-Trichlorophenol	36	U	360	36
92-52-4	Diphenyl	30	U	360	30
91-58-7	2-Chloronaphthalene	8.1	U	360	8.1
88-74-4	2-Nitroaniline	12	U	360	12
606-20-2	2,6-Dinitrotoluene	19	U	72	19
131-11-3	Dimethyl phthalate	10	U	360	10
208-96-8	Acenaphthylene	9.2	U	360	9.2
99-09-2	3-Nitroaniline	11	U	360	11
83-32-9	Acenaphthene	8.6	U	360	8.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: L127859.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:45

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/10/2015 10:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	720	170
51-28-5	2,4-Dinitrophenol	270	U	290	270
132-64-9	Dibenzofuran	11	U	360	11
84-66-2	Diethyl phthalate	10	U	360	10
86-73-7	Fluorene	7.8	U	360	7.8
206-44-0	Fluoranthene	11	U	360	11
84-74-2	Di-n-butyl phthalate	11	U	360	11
121-14-2	2,4-Dinitrotoluene	14	U	72	14
7005-72-3	4-Chlorophenyl phenyl ether	11	U	360	11
100-01-6	4-Nitroaniline	13	U	360	13
534-52-1	4,6-Dinitro-2-methylphenol	95	U	290	95
101-55-3	4-Bromophenyl phenyl ether	11	U	360	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	34	U	360	34
86-74-8	Carbazole	8.9	U	360	8.9
85-01-8	Phenanthrene	9.5	U	360	9.5
87-86-5	Pentachlorophenol	43	U	290	43
129-00-0	Pyrene	16	U	360	16
218-01-9	Chrysene	9.7	U	360	9.7
207-08-9	Benzo[k]fluoranthene	16	U	36	16
191-24-2	Benzo[g,h,i]perylene	21	U	360	21
205-99-2	Benzo[b]fluoranthene	14	U	36	14
50-32-8	Benzo[a]pyrene	11	U	36	11
56-55-3	Benzo[a]anthracene	30	U	36	30
86-30-6	N-Nitrosodiphenylamine	32	U	360	32
85-68-7	Butyl benzyl phthalate	11	U	360	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	360	14
117-84-0	Di-n-octyl phthalate	18	U	360	18
193-39-5	Indeno[1,2,3-cd]pyrene	24	U	36	24
53-70-3	Dibenz(a,h)anthracene	19	U	36	19
91-94-1	3,3'-Dichlorobenzidine	40	U	140	40
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	360	27
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	360	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: L127859.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:45

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/10/2015 10:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		28-92
4165-62-2	Phenol-d5	66		22-88
1718-51-0	Terphenyl-d14	86		16-114
118-79-6	2,4,6-Tribromophenol	50		10-95
367-12-4	2-Fluorophenol	66		21-84
321-60-8	2-Fluorobiphenyl	63		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: L127859.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:45

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/10/2015 10:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

Number TICs Found: 15 | TIC Result Total: 11090

CAS NO.	COMPOUND NAME	RT	RESULT	Q
61141-72-8	Dodecane, 4,6-dimethyl-	7.12	650	J N
629-62-9	Pentadecane	7.34	500	J N
544-76-3	Hexadecane	7.83	710	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.05	1000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	2900	J N
41446-68-8	3-Tetradecene, (E)-	8.49	340	J N
593-45-3	Octadecane	8.73	520	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	1100	J N
	Unknown alkane	9.11	480	J
629-59-4	Tetradecane	9.15	390	J N
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.18	610	J N
41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	9.45	560	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.48	360	J N
	Unknown	9.94	500	J
33284-54-7	1,1'-Biphenyl, 2,3,5,6-tetrachloro-	9.96	470	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 10:28:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-019
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 15:30:53 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 15:30:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.082	3.035	0.047	96	132503	33.2	
$ 6 Phenol-d5	99	3.976	3.982	-0.006	87	154670	32.8	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.317	0.006	96	132484	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	89	141188	33.3	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	464150	40.0	
37 Naphthalene	128	5.623	5.635	-0.012	63	2040	0.1724	
42 2-Methylnaphthalene	142	6.329	6.335	-0.006	84	1886	0.2430	
$ 50 2-Fluorobiphenyl	172	6.699	6.705	-0.006	98	268754	31.6	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	209422	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	30187	25.1	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	275278	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	175022	43.1	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	175983	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	98	160106	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 10:28:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-019
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 15:30:53 Calib Date: 19-Oct-2015 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 15:30:53

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	61141-72-8	Dodecane, 4,6-dimethyl-						
7.123	201633	9.02	63	80	55027	C14H30	198	
	629-62-9	Pentadecane						
7.335	156019	6.98	63	93	64574	C15H32	212	
	544-76-3	Hexadecane						
7.829	219752	9.83	63	98	73967	C16H34	226	
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
8.046	320132	14.3	63	91	91053	C18H38	254	
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.311	733737	40.0	85	91	99492	C19H40	268	
	41446-68-8	3-Tetradecene, (E)-						
8.493	86305	4.71	85	89	53637	C14H28	196	
	593-45-3	Octadecane						
8.734	131489	7.17	85	93	91037	C18H38	254	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.764	278800	15.2	85	91	107670	C20H42	282	
		Unknown alkane						
9.111	122746	6.70	85	0	0		0	
	629-59-4	Tetradecane						
9.152	98416	5.37	85	94	55008	C14H30	198	
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.181	155162	8.47	85	96	91788	C12H7Cl3	256	
	41464-40-8	1,1'-Biphenyl, 2,2',4,5'-tetrachloro-						
9.452	142485	7.77	85	95	111721	C12H6Cl4	290	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.481	92688	5.06	85	96	111742	C12H6Cl4	290	
	Unknown							
9.940	126573	6.91	85	0	0		0	
	33284-54-7	1,1'-Biphenyl, 2,3,5,6-tetrachloro-						
9.958	119236	6.51	85	97	111706	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 63 Acenaphthene-d10	7.364	893785	40.0
* 85 Phenanthrene-d10	8.829	733163	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

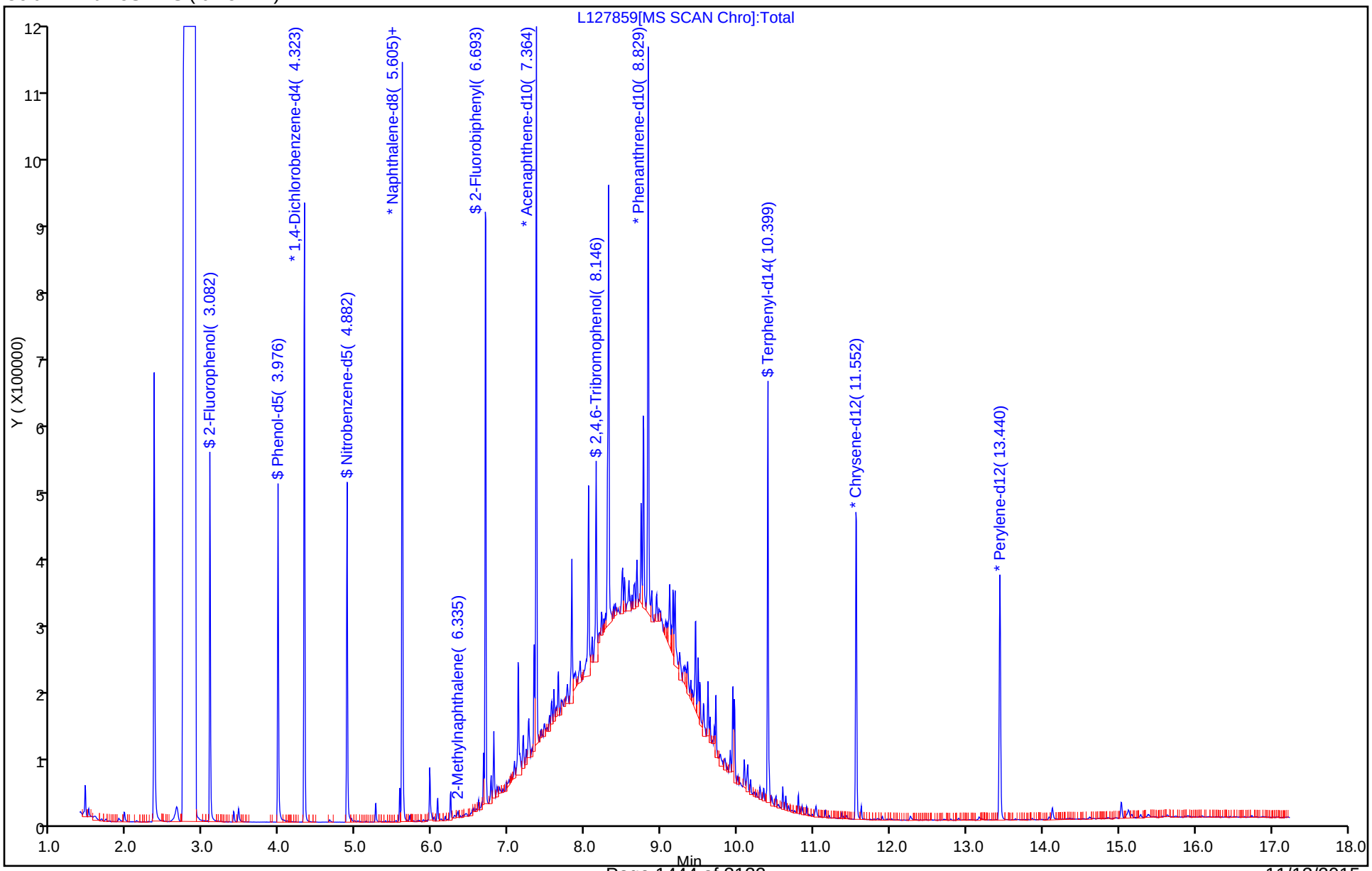
Report Date: 11-Nov-2015 15:30:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29	Worklist Smp#:	19
Client ID:	PRA-25 E-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

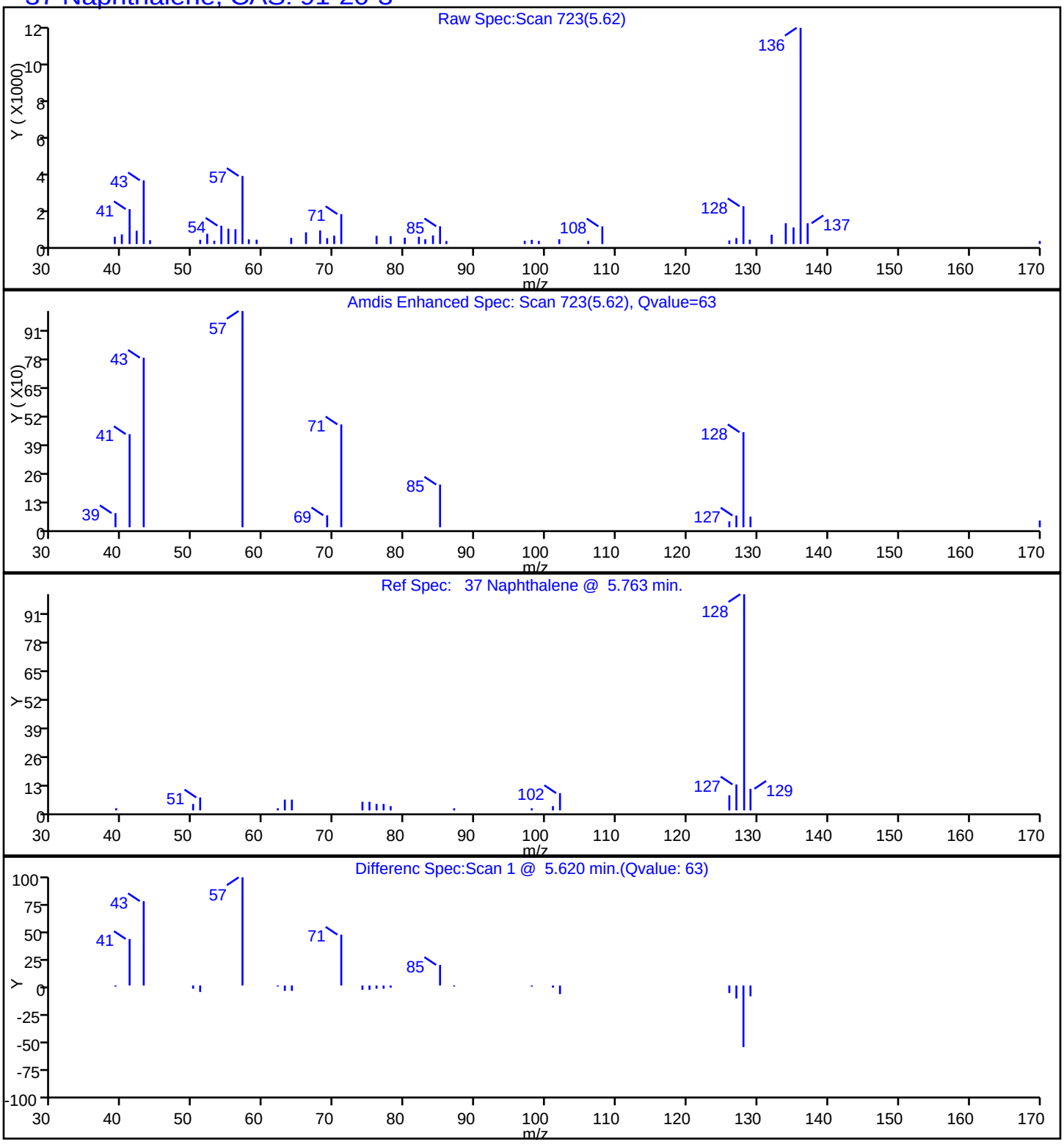
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D				
Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

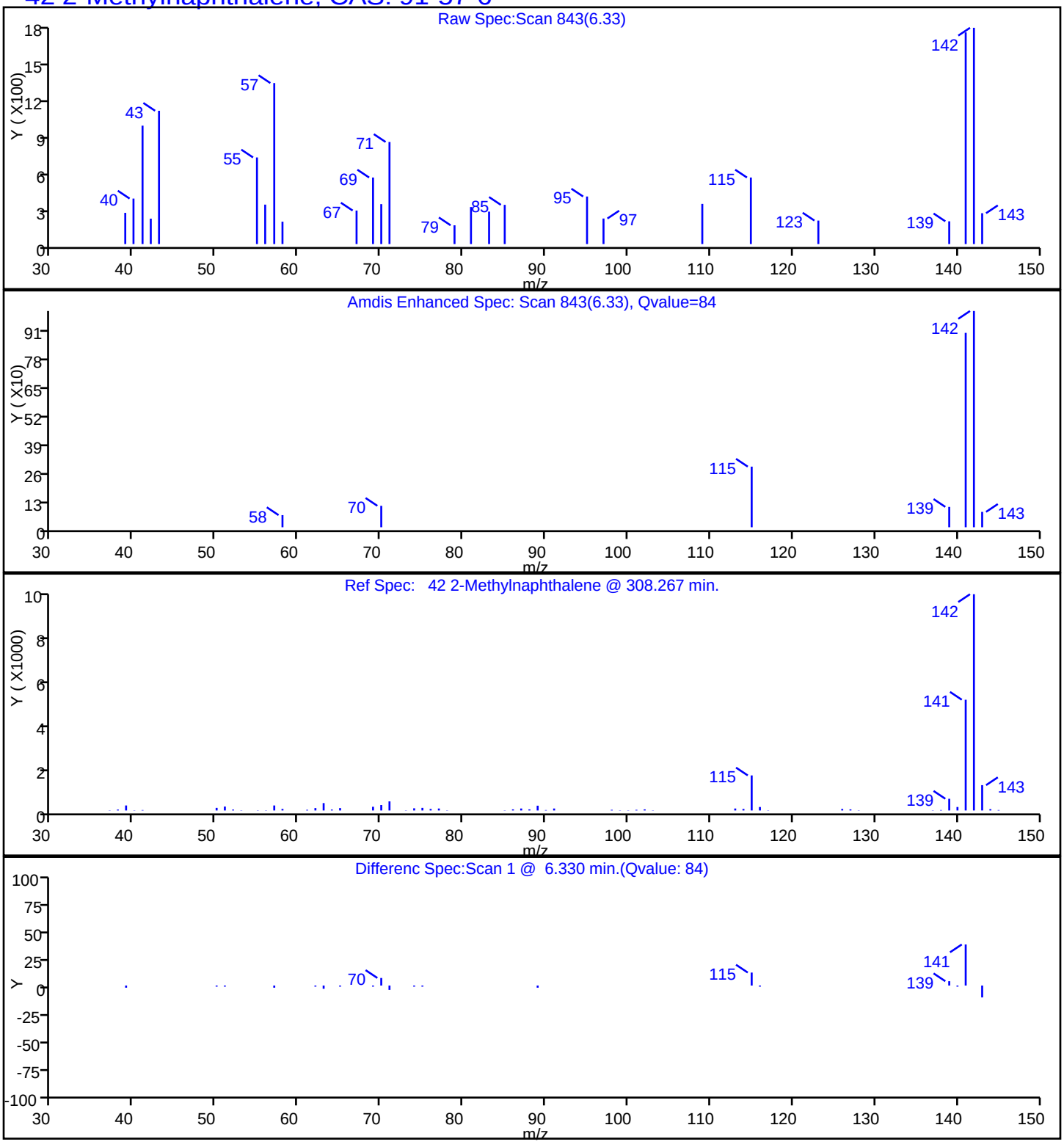
37 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D				
Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6



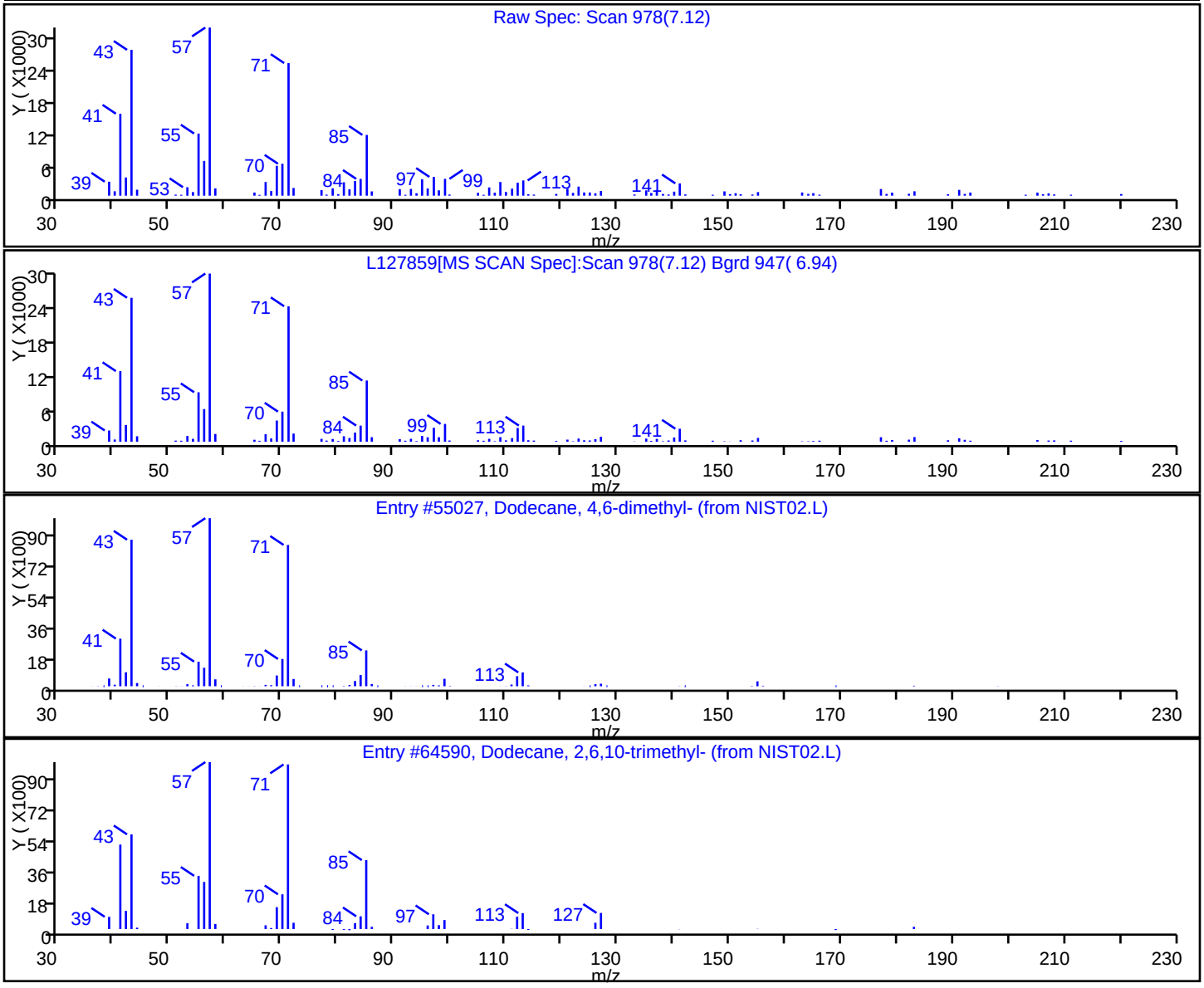
Report Date: 11-Nov-2015 15:30:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Dodecane, 4,6-dimethyl-	61141-72-8	NIST02.L	55027	C14H30	198	80
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.L	64590	C15H32	212	80

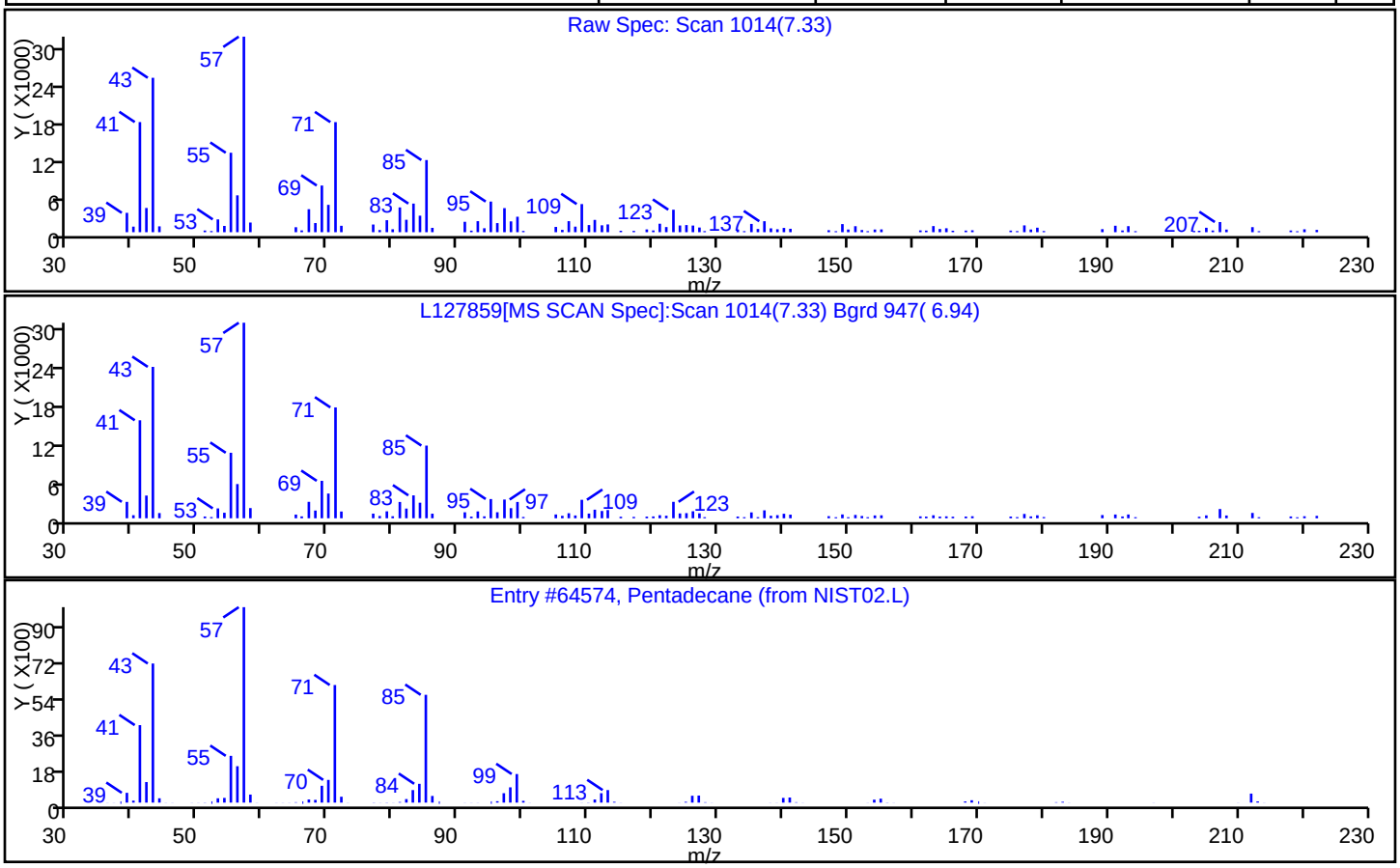


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

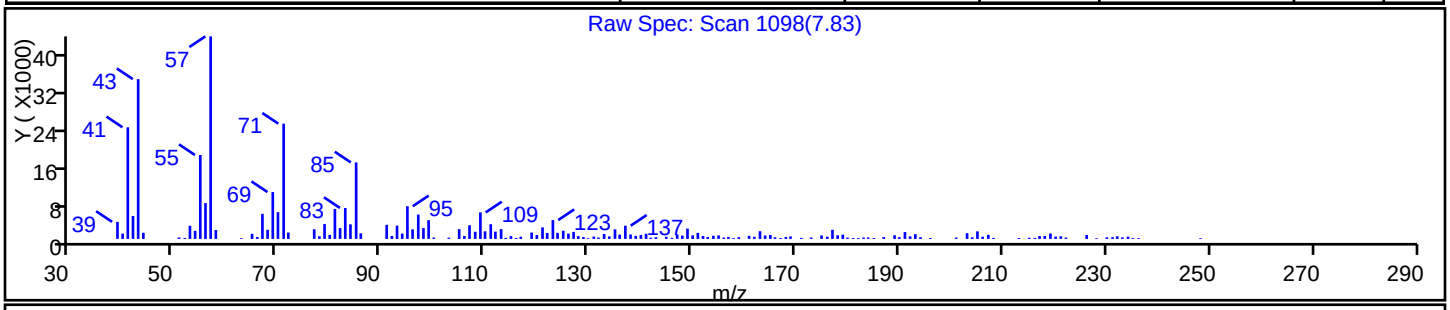
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64574	C15H32	212	93

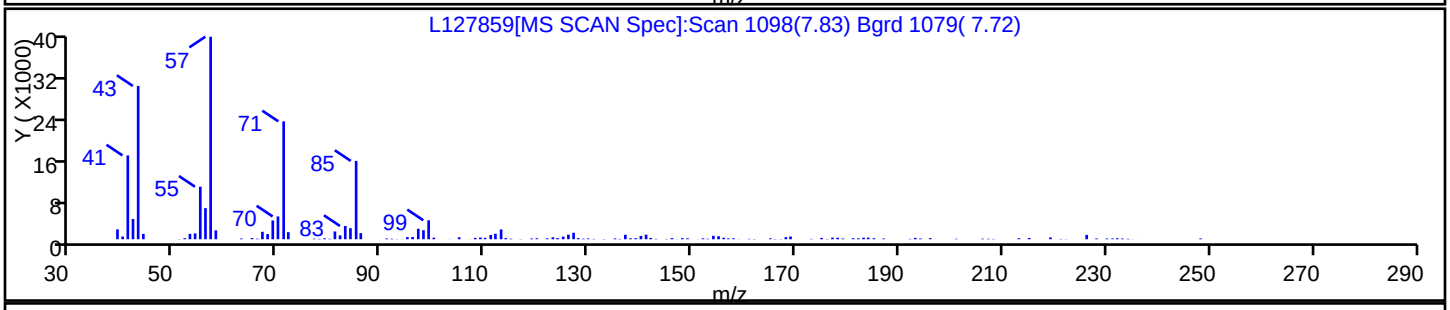


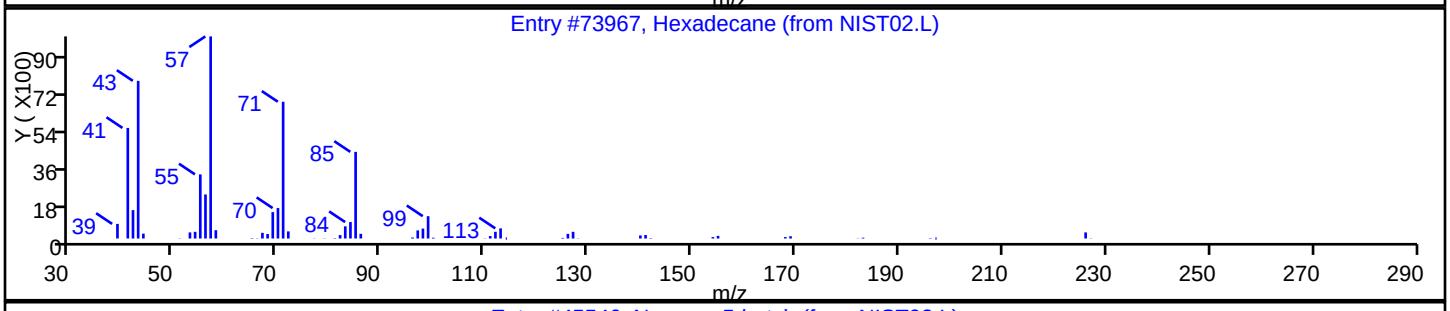
TestAmerica Edison

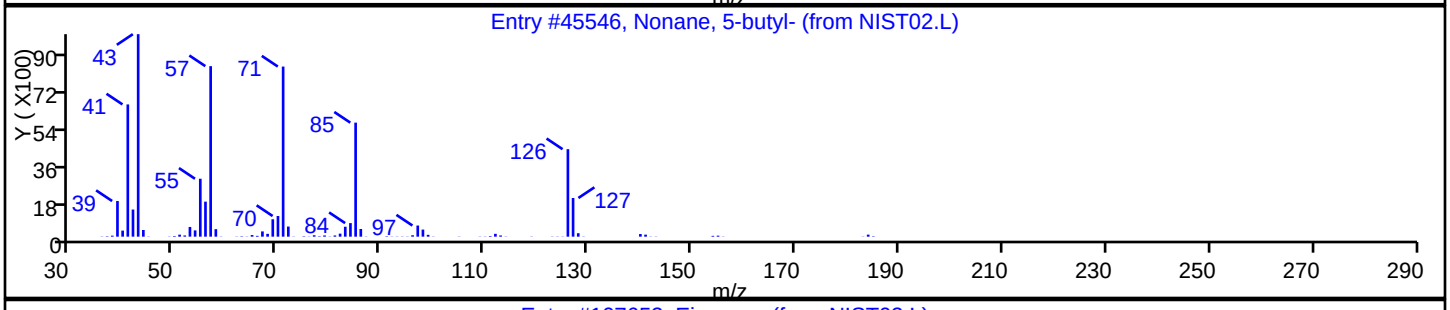
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

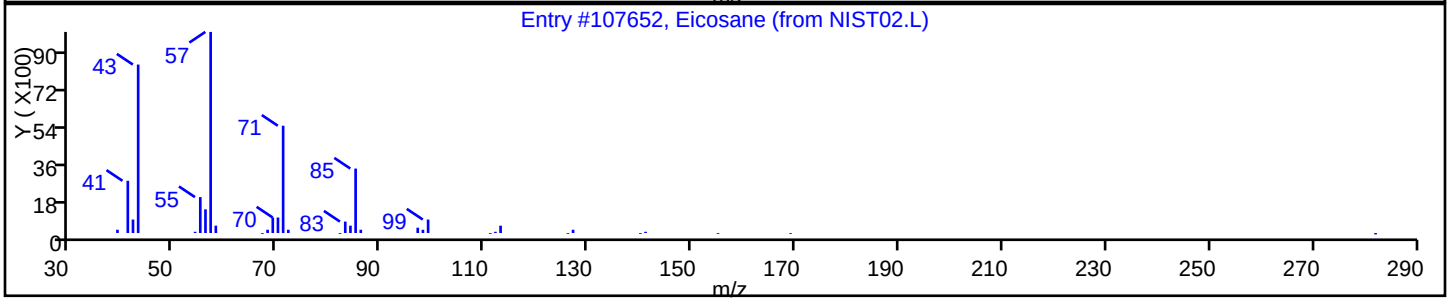
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73967	C16H34	226	98
Nonane, 5-butyl-	17312-63-9	NIST02.L	45546	C13H28	184	94
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91







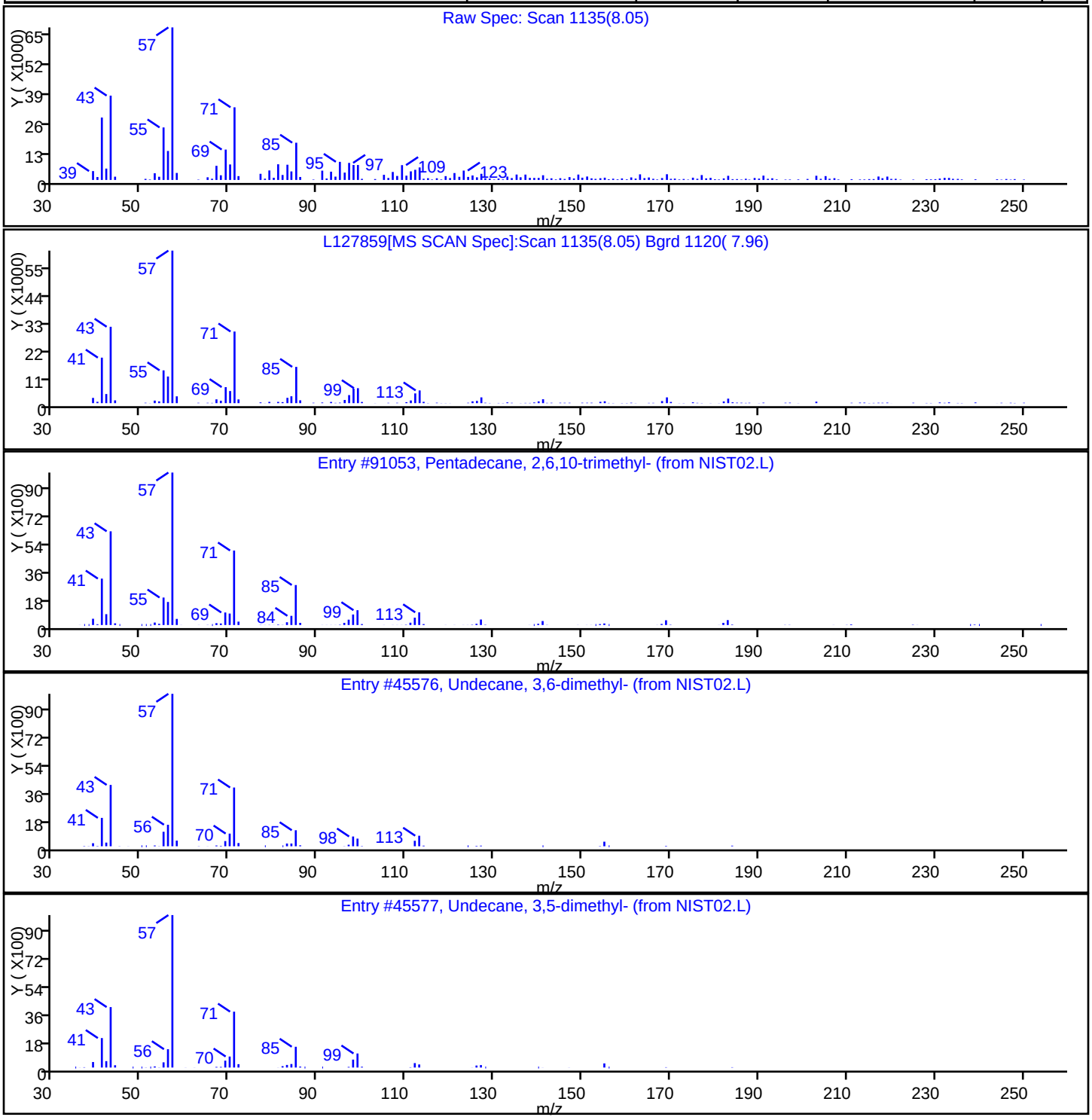




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

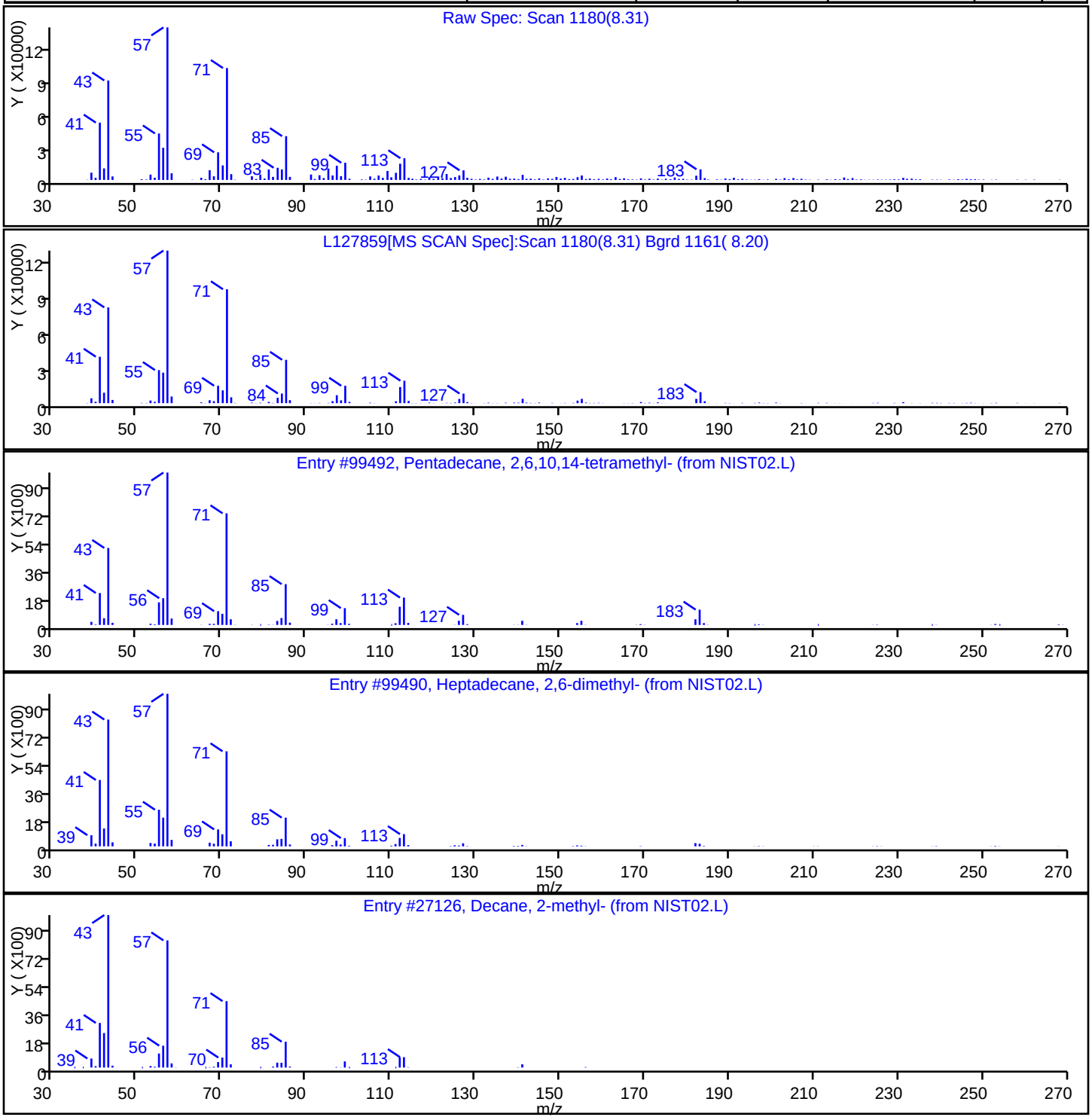
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	91
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.L	45576	C13H28	184	81
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.L	45577	C13H28	184	81



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

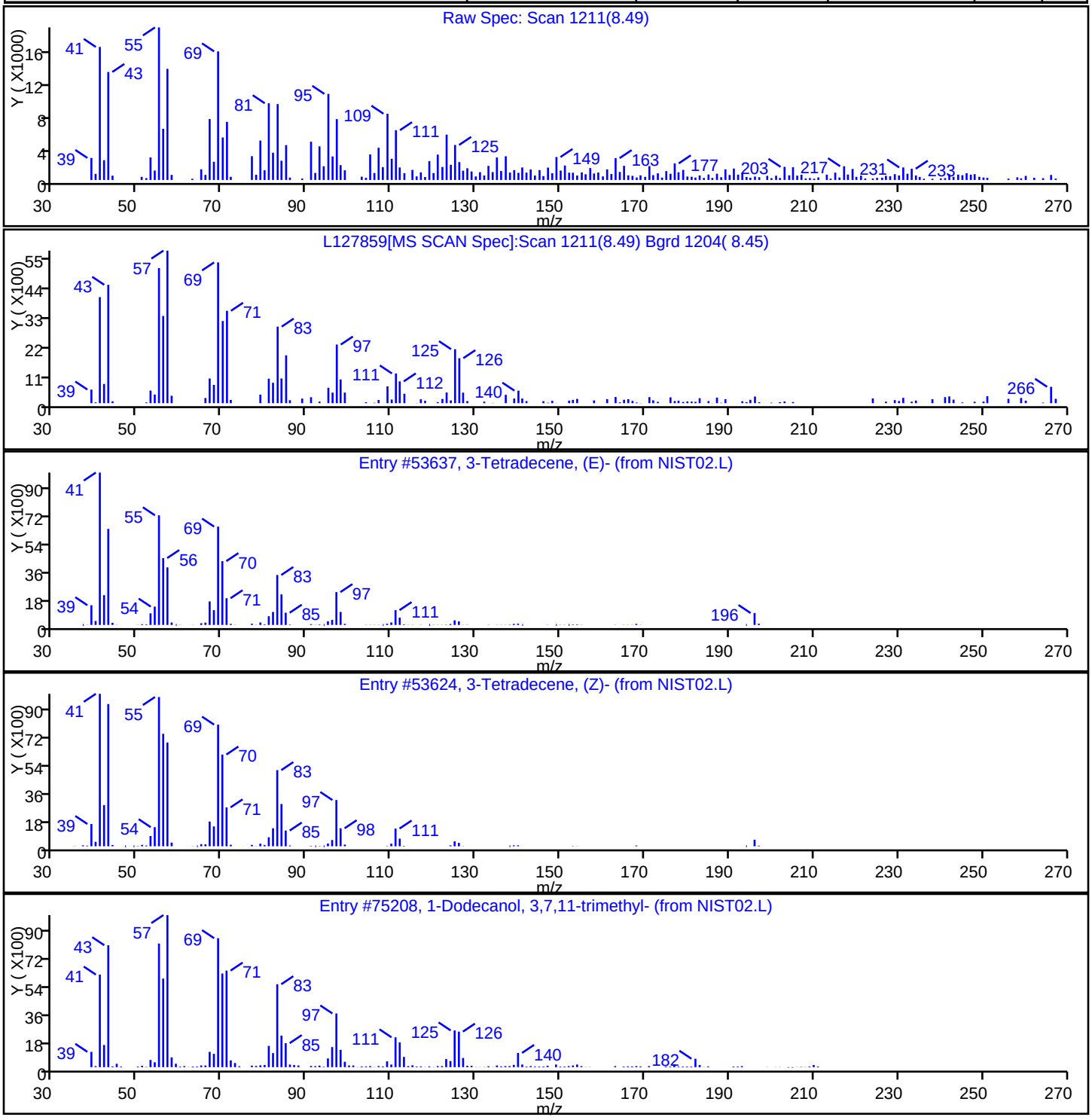
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	91
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	90
Decane, 2-methyl-	6975-98-0	NIST02.L	27126	C11H24	156	90



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
3-Tetradecene, (E)-	41446-68-8	NIST02.L	53637	C14H28	196	89
3-Tetradecene, (Z)-	41446-67-7	NIST02.L	53624	C14H28	196	89
1-Dodecanol, 3,7,11-trimethyl-	6750-34-1	NIST02.L	75208	C15H32O	228	83

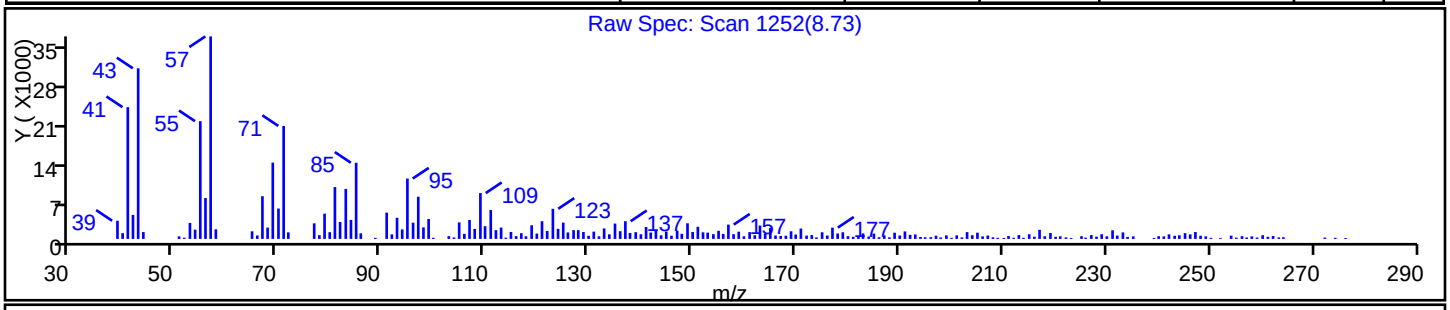


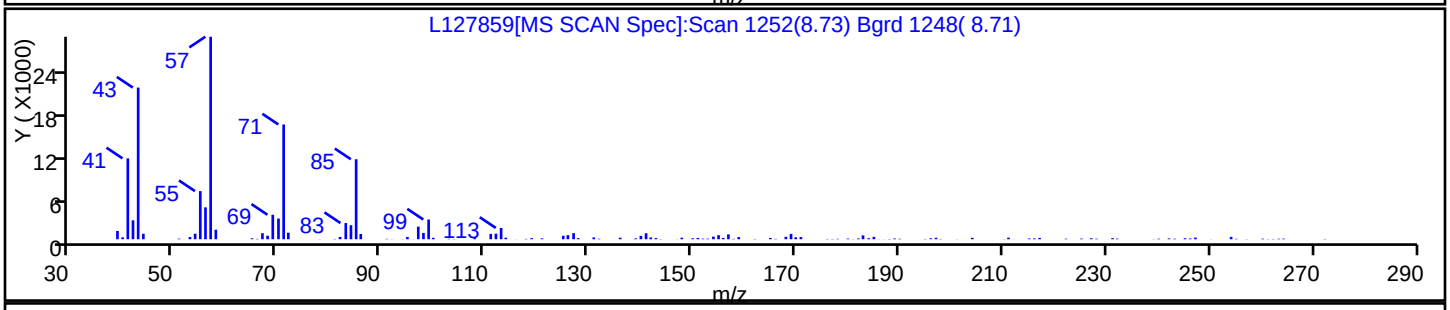
TestAmerica Edison

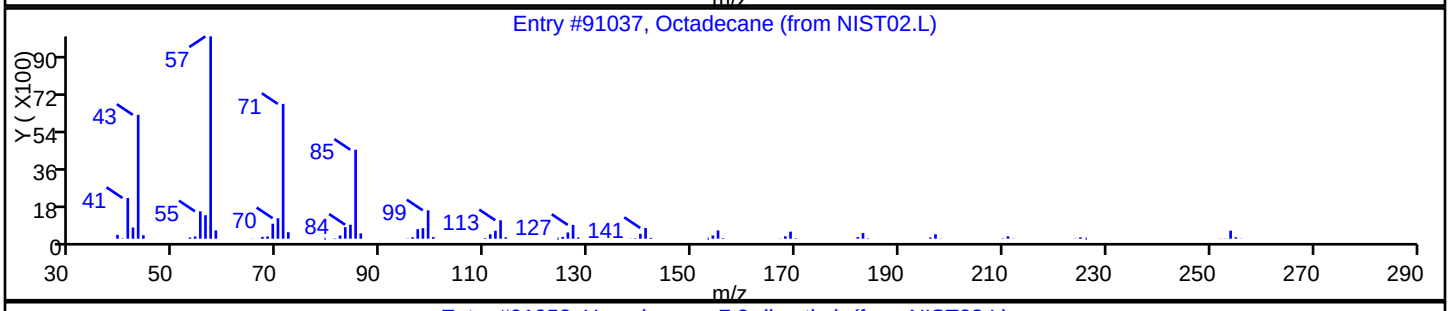
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

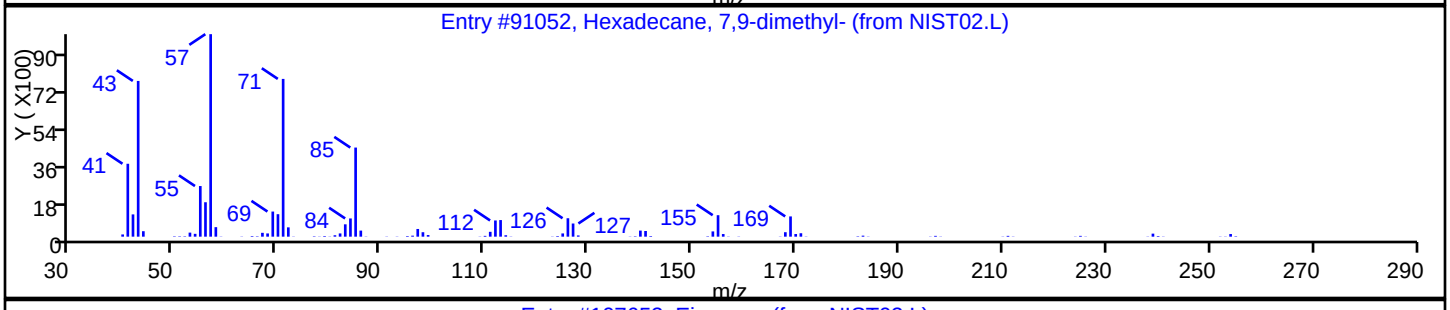
Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

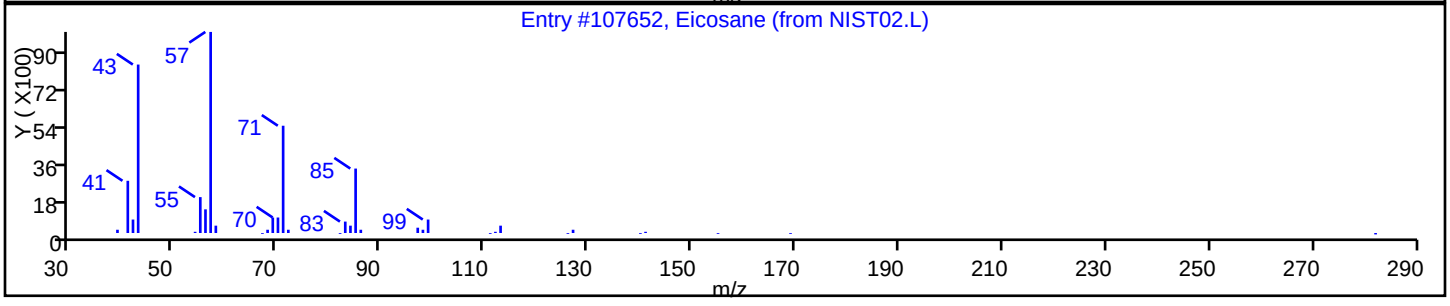
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91037	C18H38	254	93
Hexadecane, 7,9-dimethyl-	21164-95-4	NIST02.L	91052	C18H38	254	93
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91











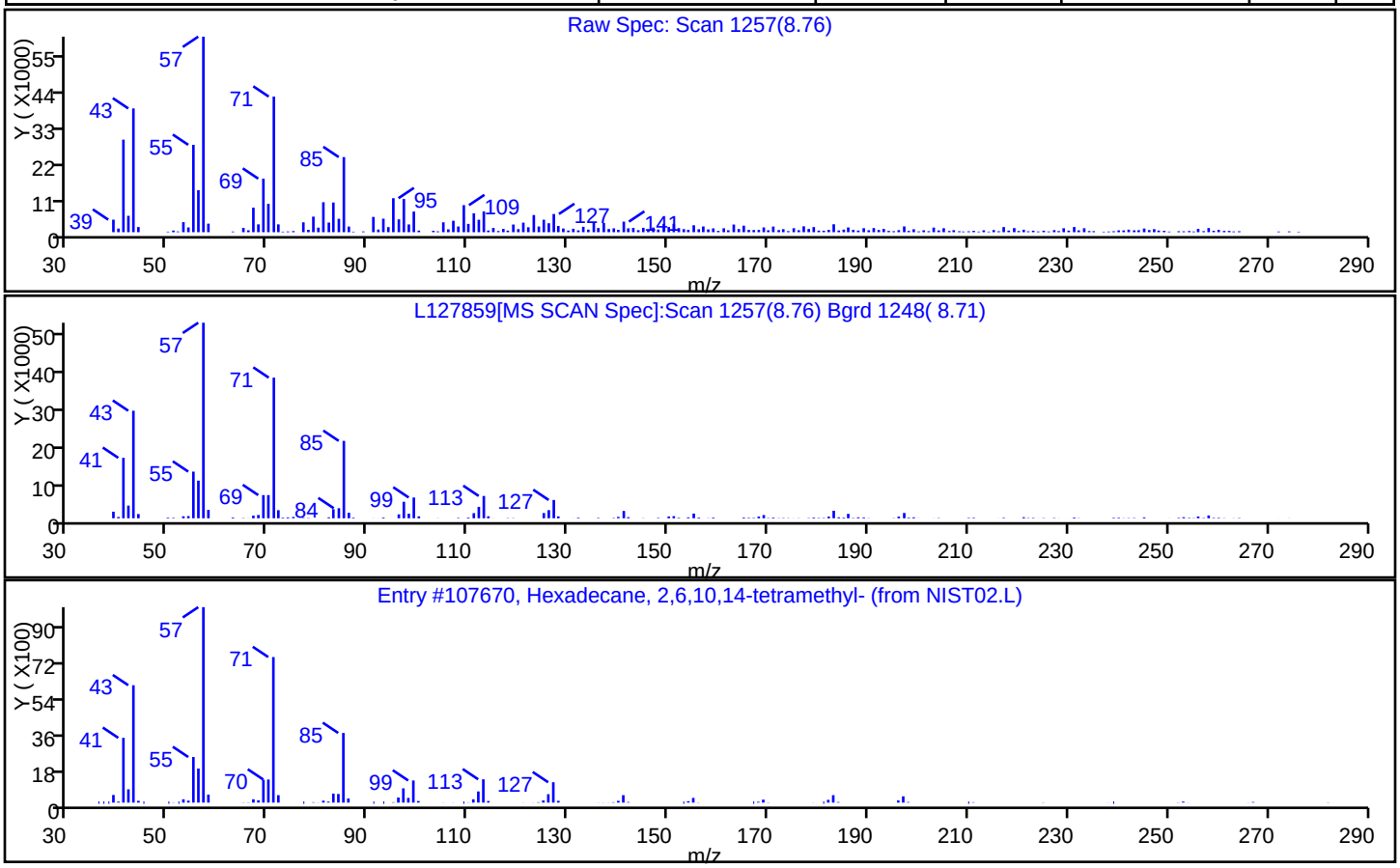
Report Date: 11-Nov-2015 15:30:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

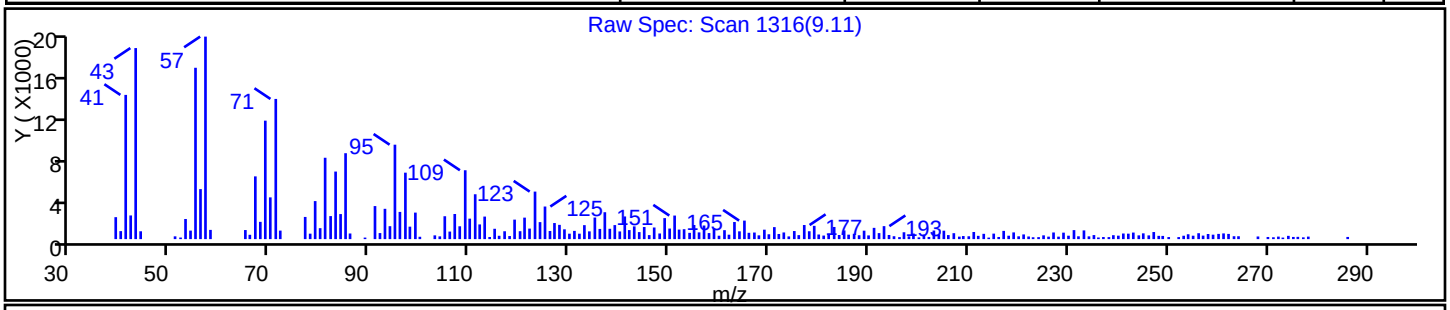
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	91

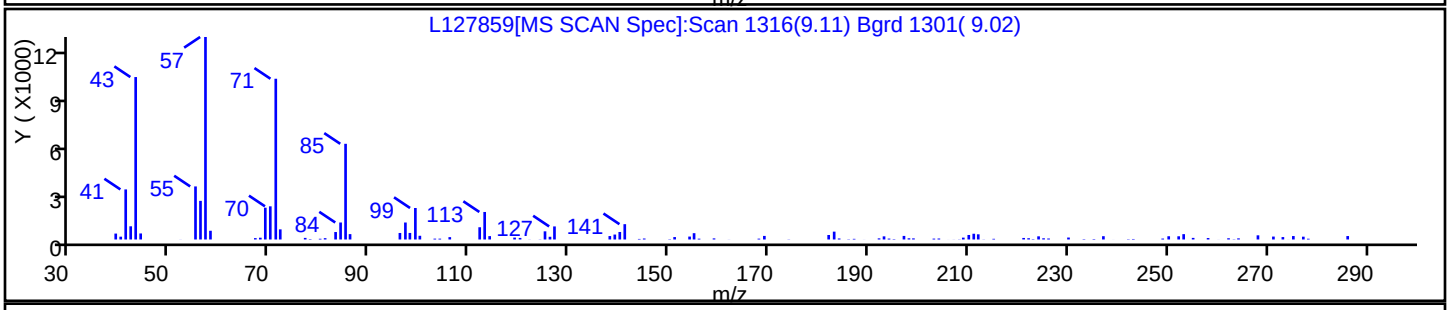


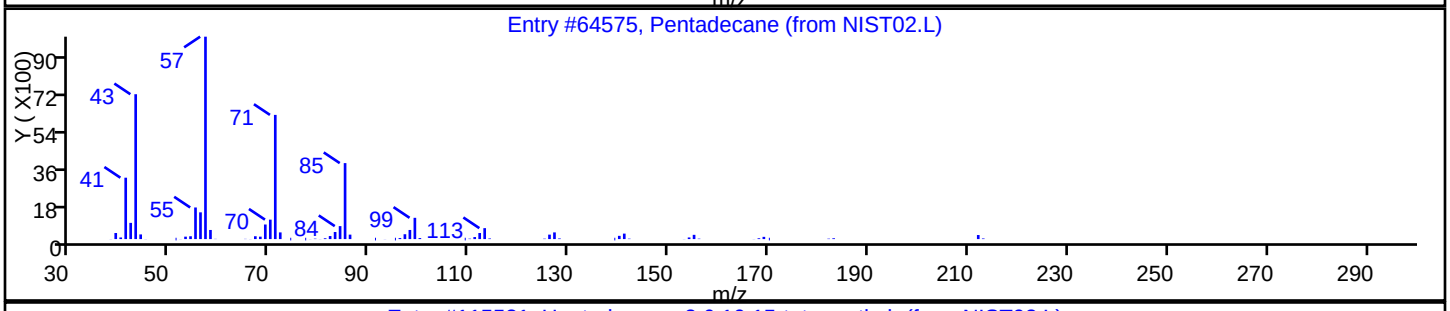
TestAmerica Edison

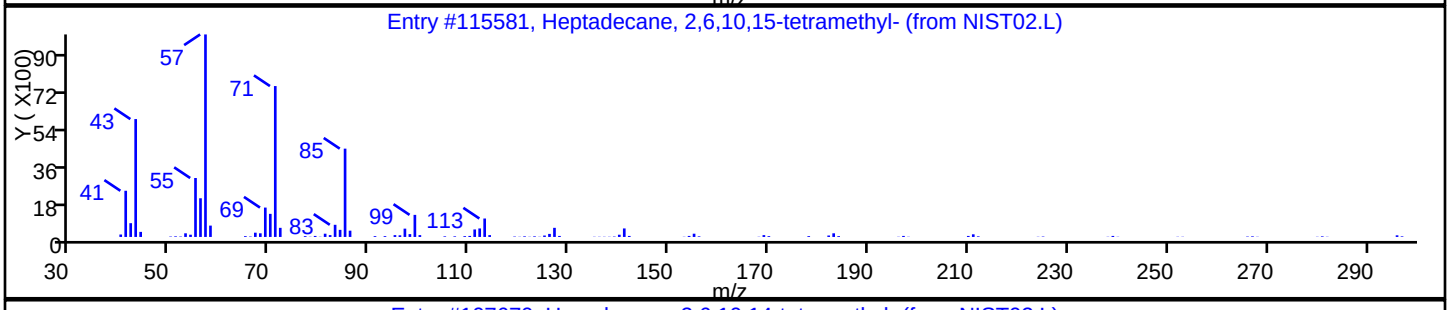
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

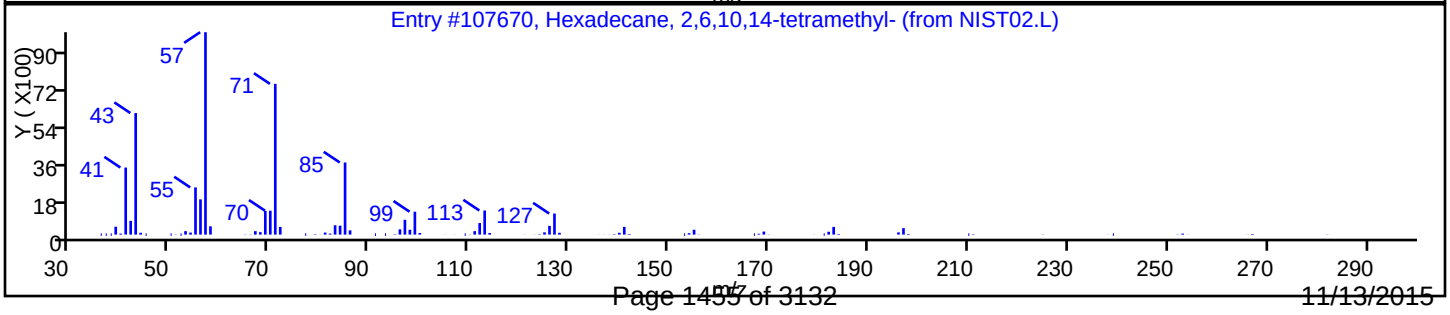
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane						
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	91
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST02.L	115581	C21H44	296	91
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	91







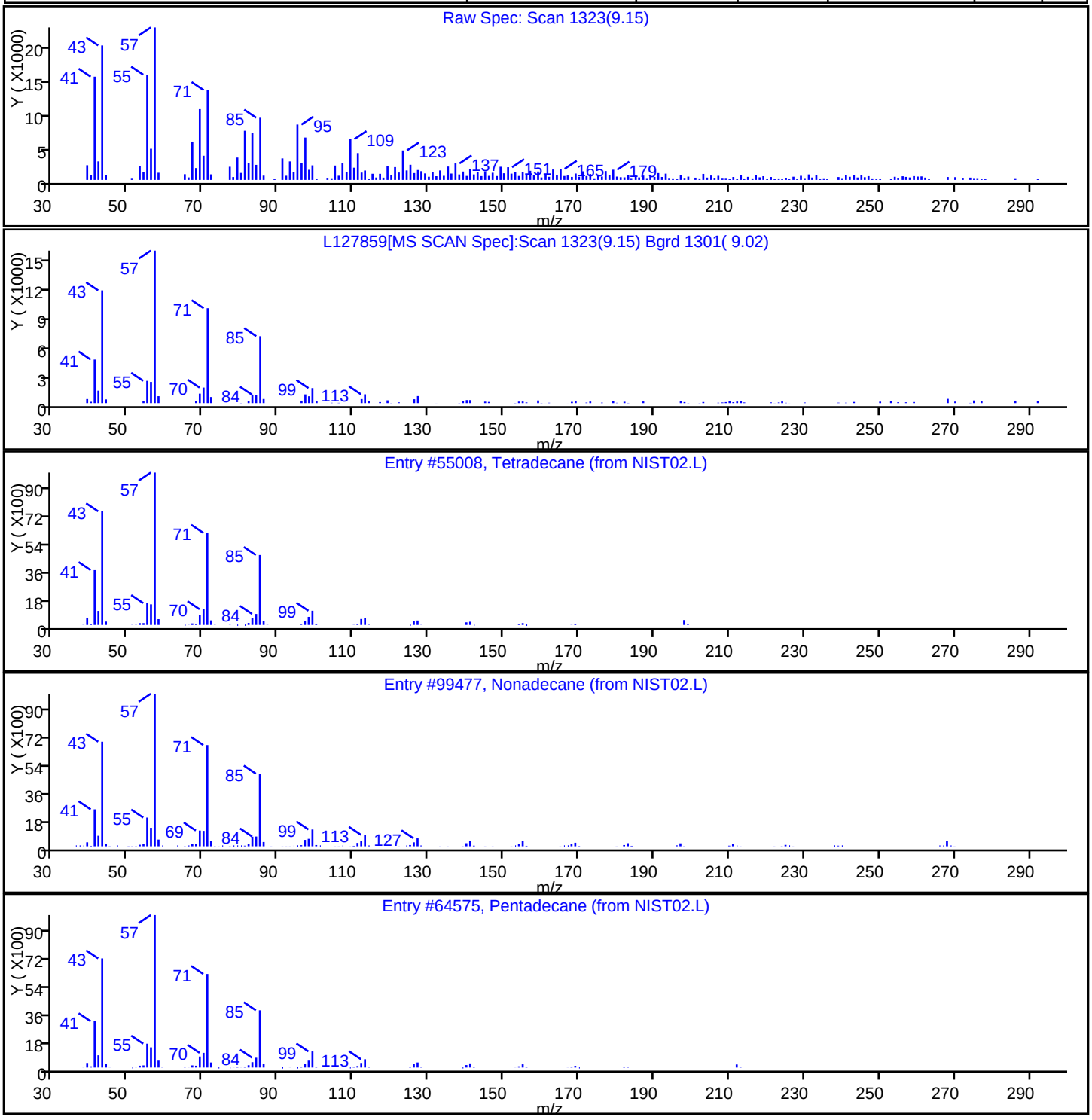




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	94
Nonadecane	629-92-5	NIST02.L	99477	C19H40	268	93
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	91

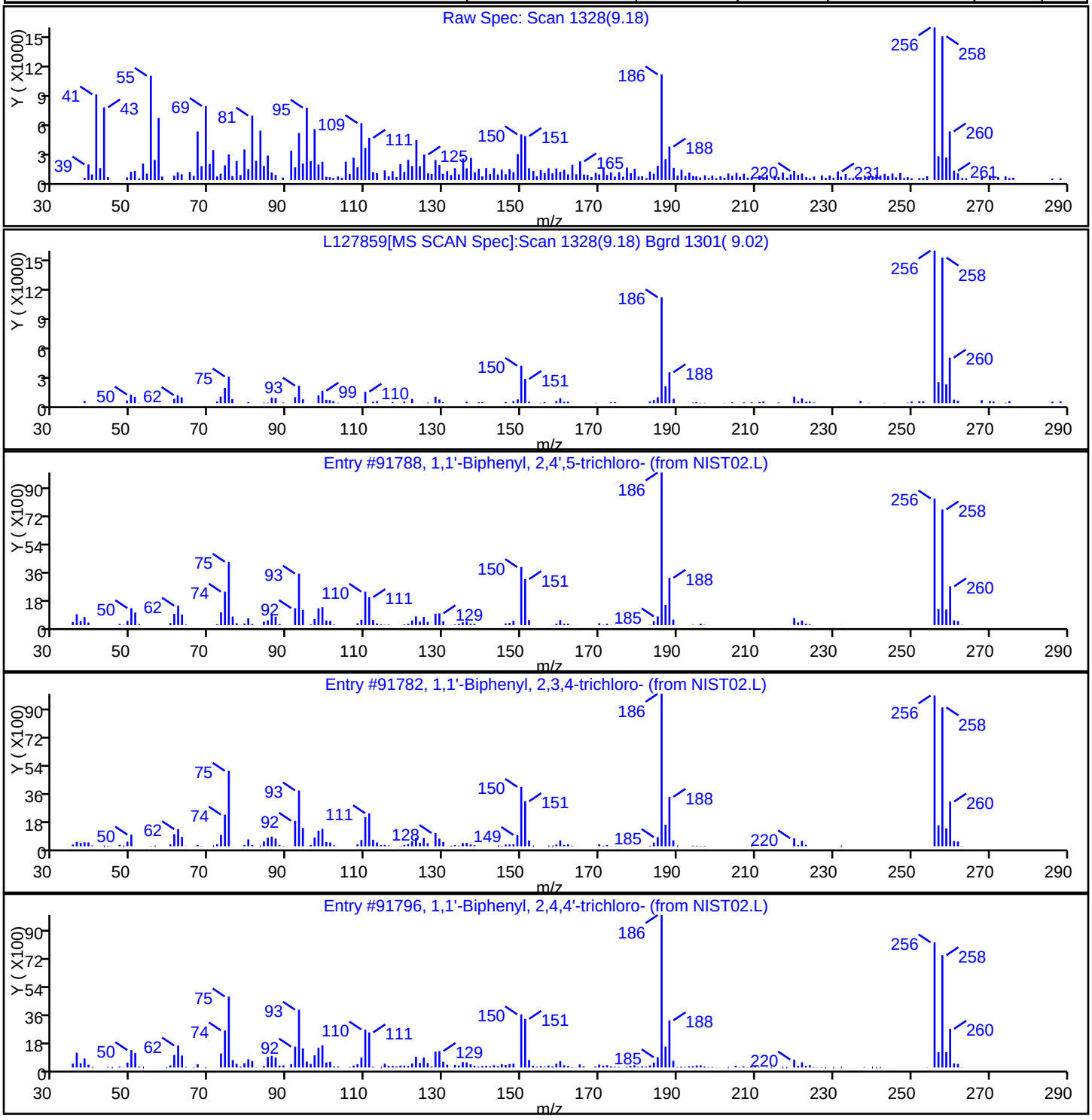


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

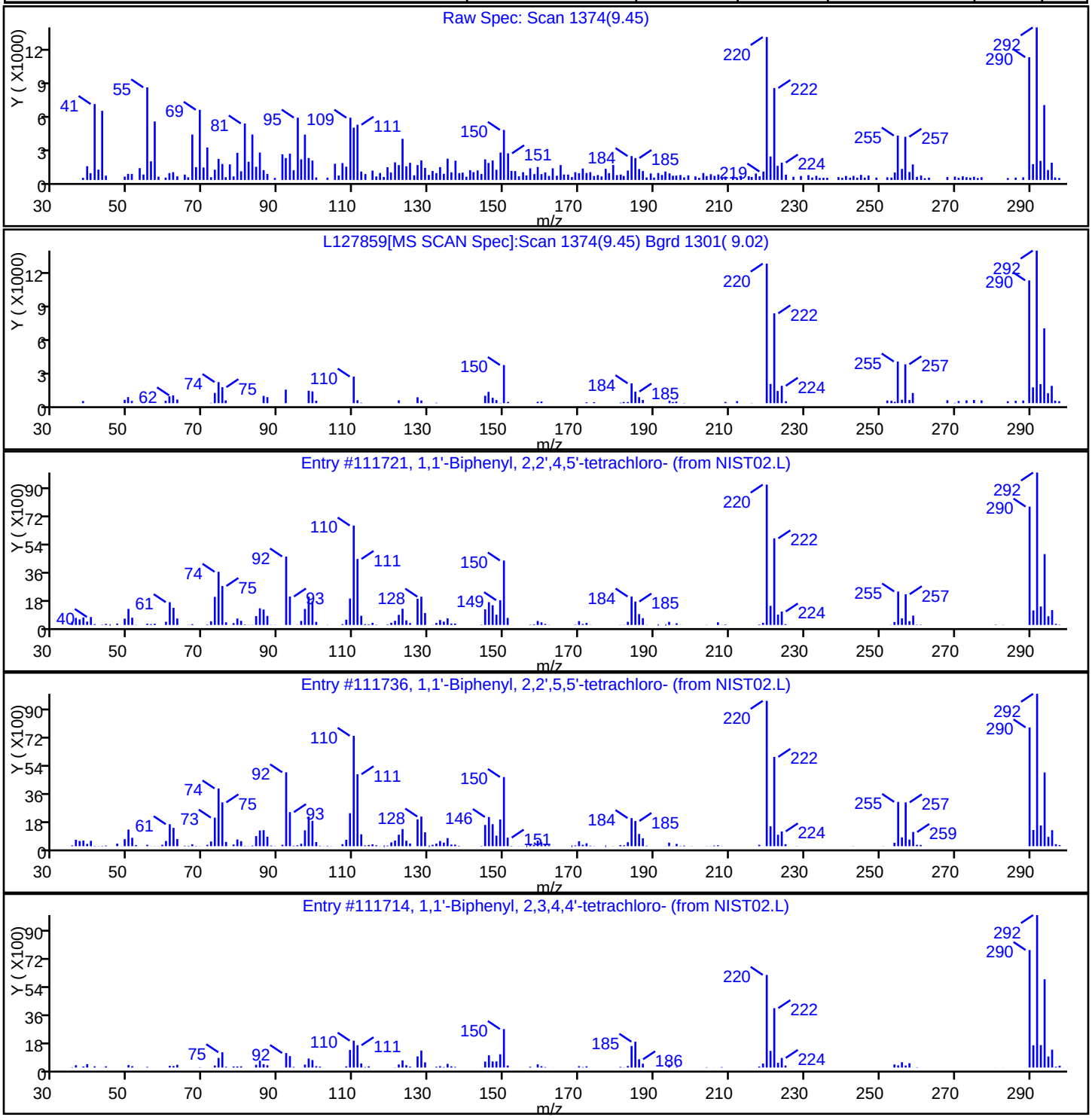
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	96
1,1'-Biphenyl, 2,3,4-trichloro-	55702-46-0	NIST02.L	91782	C12H7Cl3	256	95
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

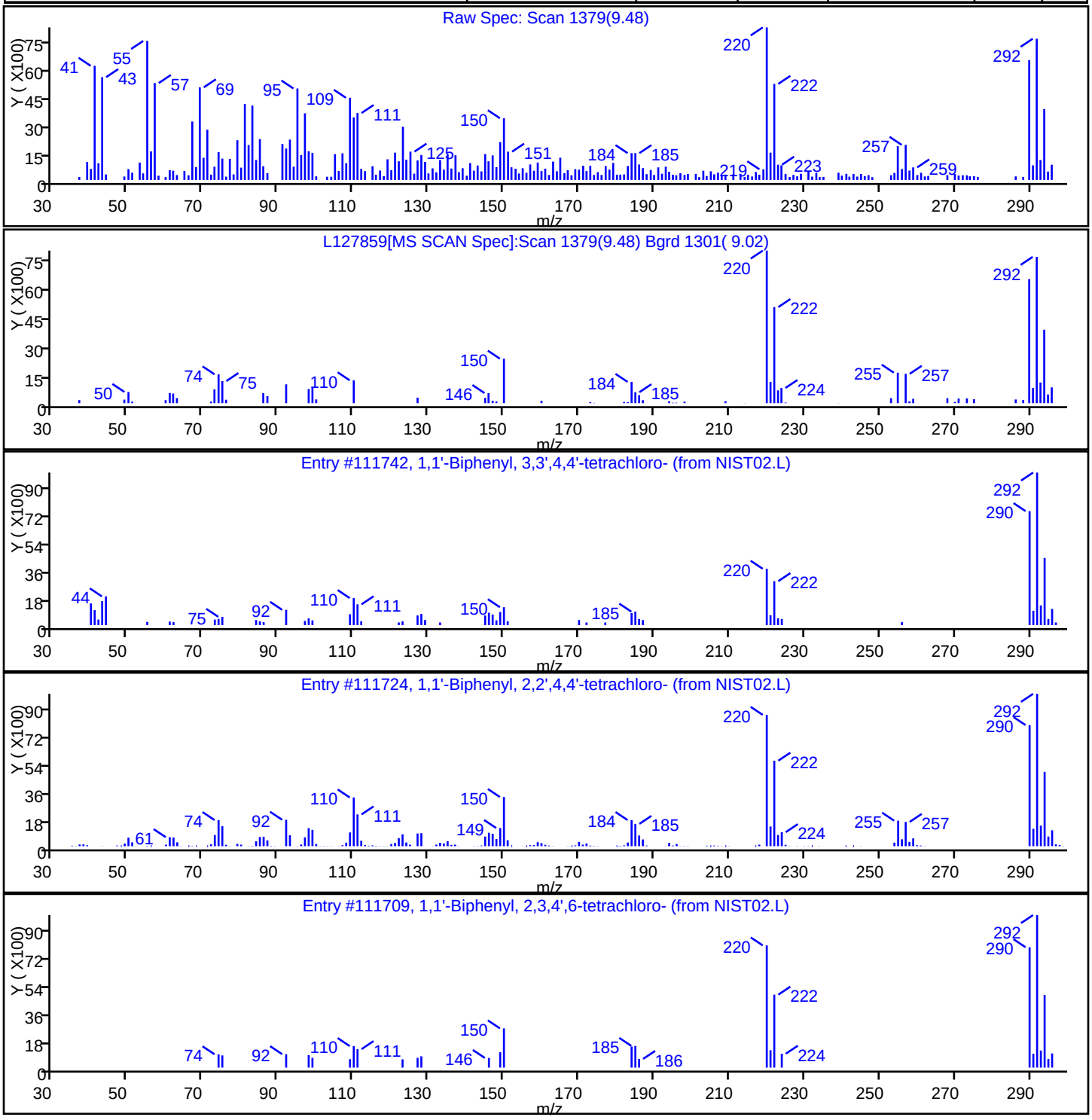
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	95
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	C12H6Cl4	290	95
1,1'-Biphenyl, 2,3,4,4'-tetrachloro-	33025-41-1	NIST02.L	111714	C12H6Cl4	290	94



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D
Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	95
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	95



Report Date: 11-Nov-2015 15:30:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date: 10-Nov-2015 10:28:30 Instrument ID: CBNAMS12

Lims ID: 460-104096-G-29-A Lab Sample ID: 460-104096-29

Client ID: PRA-25 E-1.75

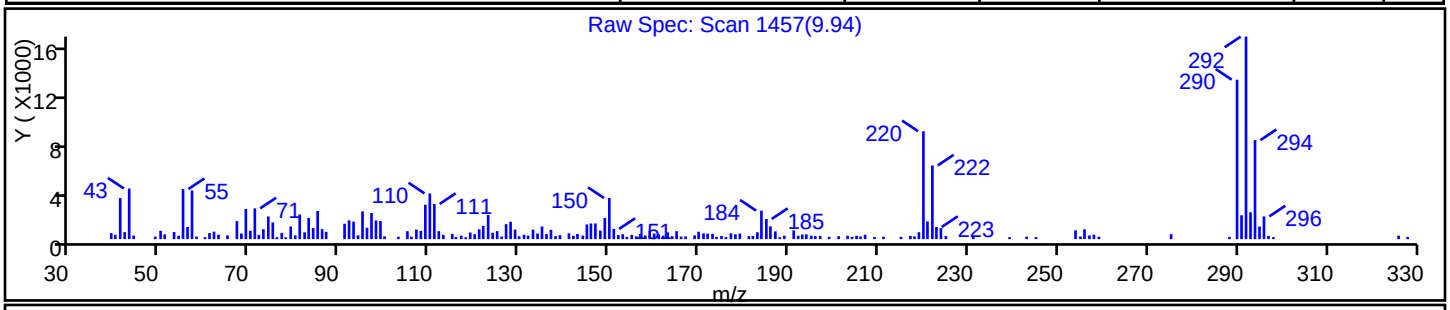
Operator ID: BNA 12 ALS Bottle#: 19 Worklist Smp#: 19

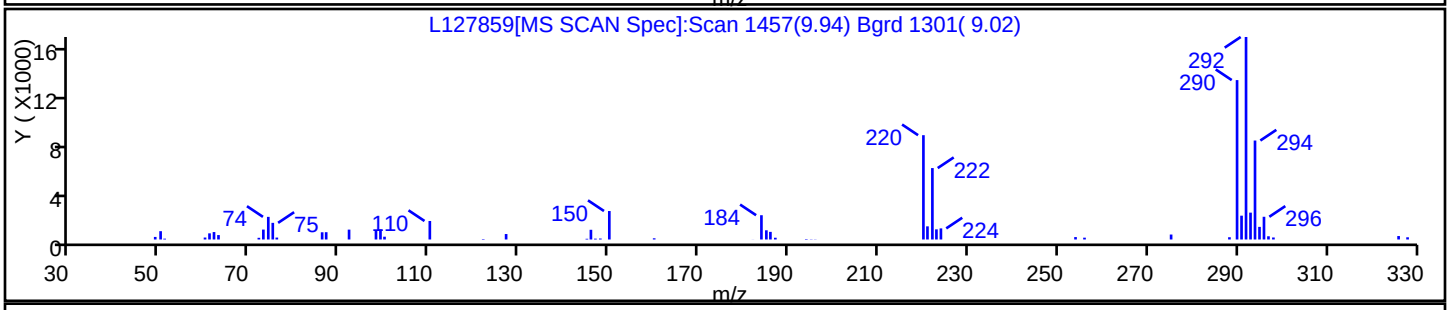
Injection Vol: 1.0 ul Dil. Factor: 1.0000

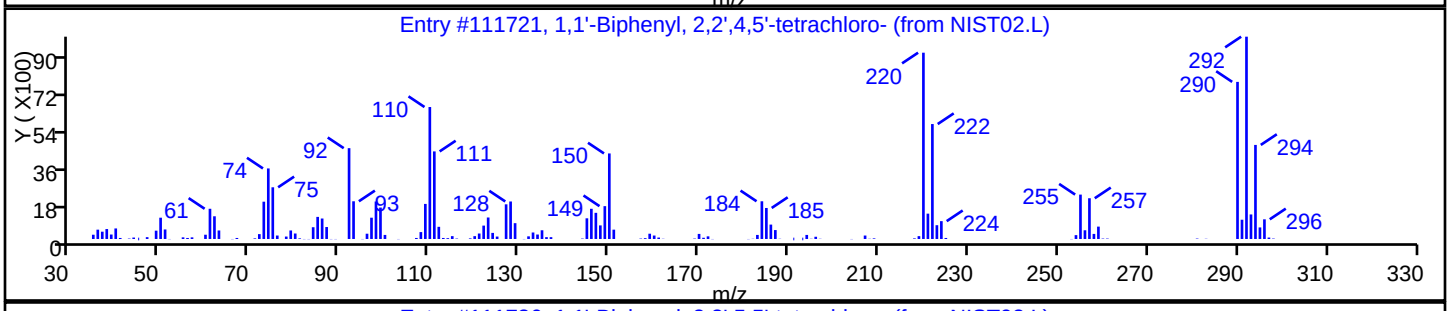
Method: 8270_12R_9 Limit Group: SV 8270D ICAL

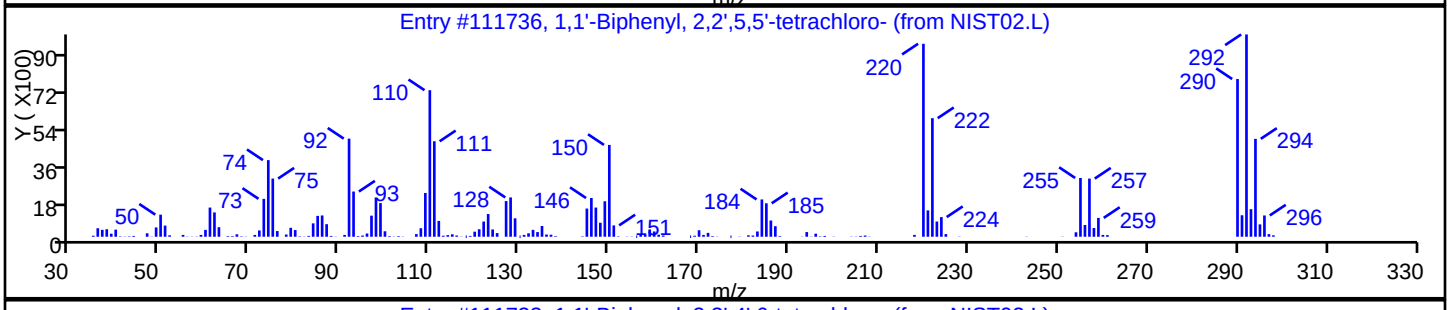
Column: Detector MS SCAN

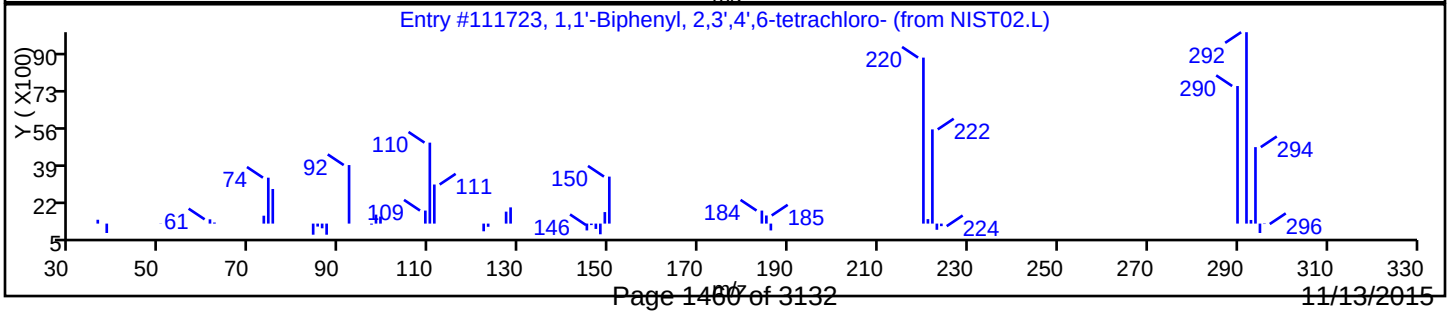
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	98
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	35693-99-3	NIST02.L	111736	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3',4',6-tetrachloro-	41464-46-4	NIST02.L	111723	C12H6Cl4	290	97









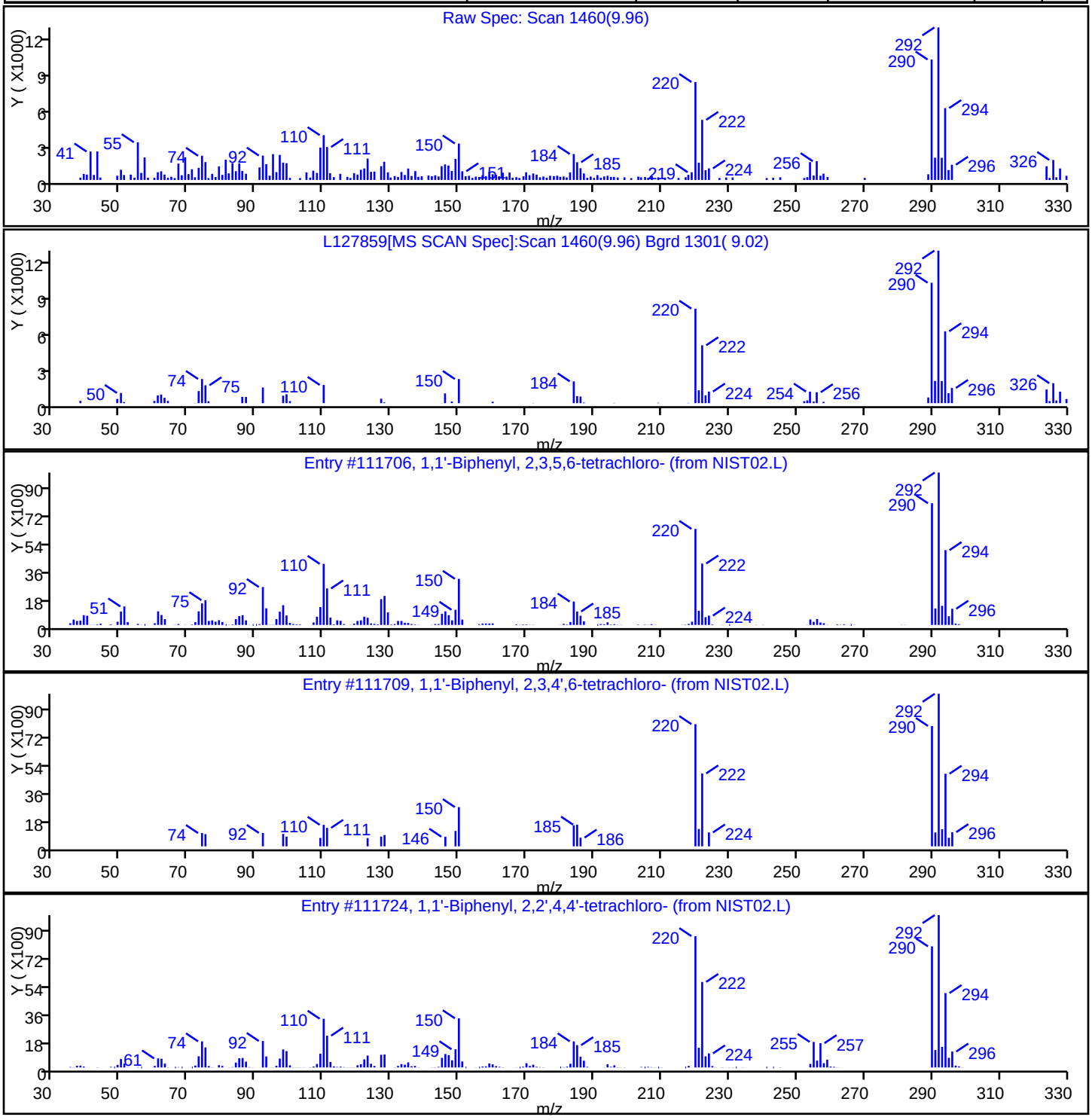


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127859.D

Injection Date:	10-Nov-2015 10:28:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-G-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	BNA 12	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3,5,6-tetrachloro-	33284-54-7	NIST02.L	111706	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	96
1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	2437-79-8	NIST02.L	111724	C12H6Cl4	290	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: L127860.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 11/10/2015 10:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	360	12
95-57-8	2-Chlorophenol	9.3	U	360	9.3
95-48-7	2-Methylphenol	16	U	360	16
106-44-5	4-Methylphenol	9.9	U	360	9.9
100-52-7	Benzaldehyde	28	U	360	28
98-86-2	Acetophenone	8.0	U	360	8.0
111-44-4	Bis(2-chloroethyl)ether	8.6	U	36	8.6
108-60-1	2,2'-oxybis[1-chloropropane]	15	U	360	15
621-64-7	N-Nitrosodi-n-propylamine	12	U	36	12
98-95-3	Nitrobenzene	11	U	36	11
67-72-1	Hexachloroethane	13	U	36	13
78-59-1	Isophorone	7.8	U	150	7.8
88-75-5	2-Nitrophenol	12	U	360	12
105-67-9	2,4-Dimethylphenol	80	U	360	80
120-83-2	2,4-Dichlorophenol	8.6	U	150	8.6
111-91-1	Bis(2-chloroethoxy)methane	11	U	360	11
91-20-3	Naphthalene	9.3	U	360	9.3
106-47-8	4-Chloroaniline	9.4	U	360	9.4
87-68-3	Hexachlorobutadiene	10	U	74	10
105-60-2	Caprolactam	26	U	360	26
59-50-7	4-Chloro-3-methylphenol	16	U	360	16
91-57-6	2-Methylnaphthalene	8.1	U	360	8.1
118-74-1	Hexachlorobenzene	15	U	36	15
77-47-4	Hexachlorocyclopentadiene	23	U	360	23
88-06-2	2,4,6-Trichlorophenol	10	U	150	10
95-95-4	2,4,5-Trichlorophenol	36	U	360	36
92-52-4	Diphenyl	31	U	360	31
91-58-7	2-Chloronaphthalene	8.3	U	360	8.3
88-74-4	2-Nitroaniline	12	U	360	12
606-20-2	2,6-Dinitrotoluene	19	U	74	19
131-11-3	Dimethyl phthalate	11	U	360	11
208-96-8	Acenaphthylene	9.4	U	360	9.4
99-09-2	3-Nitroaniline	11	U	360	11
83-32-9	Acenaphthene	8.8	U	360	8.8

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: L127860.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 11/10/2015 10:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	180	U	740	180
51-28-5	2,4-Dinitrophenol	280	U	290	280
132-64-9	Dibenzofuran	11	U	360	11
84-66-2	Diethyl phthalate	10	U	360	10
86-73-7	Fluorene	8.0	U	360	8.0
206-44-0	Fluoranthene	11	U	360	11
84-74-2	Di-n-butyl phthalate	11	U	360	11
121-14-2	2,4-Dinitrotoluene	14	U	74	14
7005-72-3	4-Chlorophenyl phenyl ether	11	U	360	11
100-01-6	4-Nitroaniline	14	U	360	14
534-52-1	4,6-Dinitro-2-methylphenol	97	U	290	97
101-55-3	4-Bromophenyl phenyl ether	11	U	360	11
1912-24-9	Atrazine	16	U	150	16
120-12-7	Anthracene	35	U	360	35
86-74-8	Carbazole	9.1	U	360	9.1
85-01-8	Phenanthrene	9.7	U	360	9.7
87-86-5	Pentachlorophenol	44	U	290	44
129-00-0	Pyrene	17	U	360	17
218-01-9	Chrysene	9.9	U	360	9.9
207-08-9	Benzo[k]fluoranthene	16	U	36	16
191-24-2	Benzo[g,h,i]perylene	21	U	360	21
205-99-2	Benzo[b]fluoranthene	14	U	36	14
50-32-8	Benzo[a]pyrene	11	U	36	11
56-55-3	Benzo[a]anthracene	30	U	36	30
86-30-6	N-Nitrosodiphenylamine	33	U	360	33
85-68-7	Butyl benzyl phthalate	11	U	360	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	360	14
117-84-0	Di-n-octyl phthalate	19	U	360	19
193-39-5	Indeno[1,2,3-cd]pyrene	24	U	36	24
53-70-3	Dibenz(a,h)anthracene	19	U	36	19
91-94-1	3,3'-Dichlorobenzidine	41	U	150	41
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	360	27
58-90-2	2,3,4,6-Tetrachlorophenol	34	U	360	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: L127860.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 11/10/2015 10:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	48		28-92
4165-62-2	Phenol-d5	49		22-88
1718-51-0	Terphenyl-d14	66		16-114
118-79-6	2,4,6-Tribromophenol	33		10-95
367-12-4	2-Fluorophenol	48		21-84
321-60-8	2-Fluorobiphenyl	49		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: L127860.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:50

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0113(g) | Date Analyzed: 11/10/2015 10:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

Number TICs Found: 9 | TIC Result Total: 3600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	5.26	300	J
	Unknown	5.57	340	J
1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	7.26	330	J N
	Unknown	7.83	380	J
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	770	J N
	Unknown	9.10	310	J
16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	9.18	420	J N
32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-	9.45	380	J N
15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	9.96	370	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D
Lims ID: 460-104096-E-30-B Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 10:54:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:47:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.100	3.035	0.065	96	87786	24.2	
$ 6 Phenol-d5	99	3.982	3.982	0.000	86	103980	24.3	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.317	0.006	96	120396	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	89	93157	24.0	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	424924	40.0	
$ 50 2-Fluorobiphenyl	172	6.693	6.705	-0.012	98	192112	24.3	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	195064	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	18459	16.7	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	259247	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	129140	32.9	
* 100 Chrysene-d12	240	11.552	11.558	-0.006	99	170241	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	97	162324	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D
Lims ID: 460-104096-E-30-B Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 10:54:30 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-020
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:47:57

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
5.258	87575	4.08	36					
		Unknown						
5.570	98378	4.58	36					
	1000100-23-6	Decahydro-8a-ethyl-1,1,4a,6-tetramethyln						
7.264	91229	4.46	63	97	71138	C16H30	222	
		Unknown						
7.829	106016	5.18	63					
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.305	173941	10.5	85	83	99493	C19H40	268	
		Unknown						
9.099	69328	4.19	85					
	16606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-						
9.181	95177	5.75	85	99	91788	C12H7Cl3	256	
	32598-11-1	1,1'-Biphenyl, 2,3',4',5-tetrachloro-						
9.446	84555	5.11	85	99	111737	C12H6Cl4	290	
	15968-05-5	1,1'-Biphenyl, 2,2',6,6'-tetrachloro-						
9.958	83373	5.04	85	97	111727	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 36 Naphthalene-d8	5.605	858486	40.0
* 63 Acenaphthene-d10	7.364	817888	40.0

Compound	RT	Area	Amount ug/ml
* 85 Phenanthrene-d10	8.829	661641	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

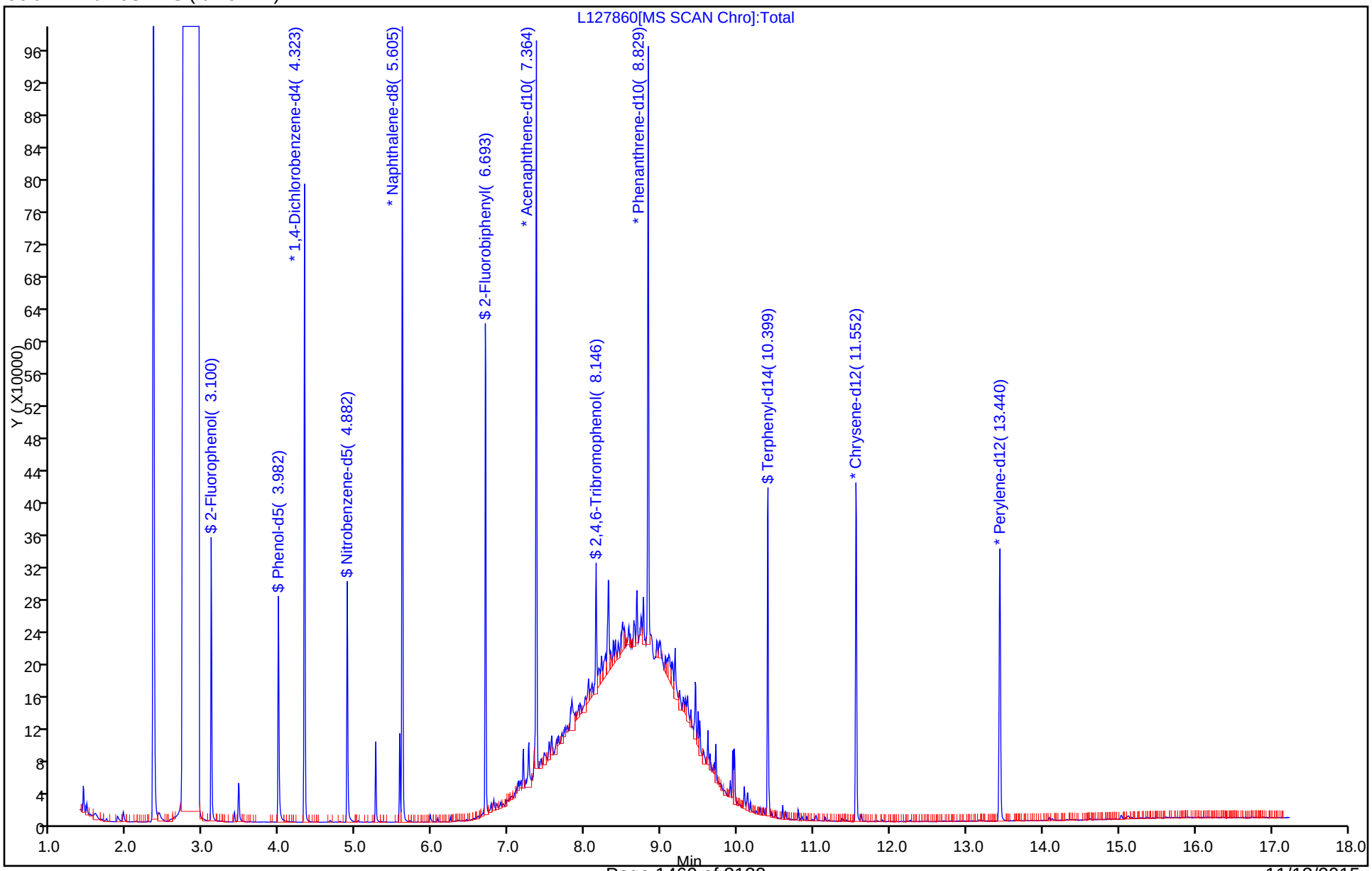
Report Date: 11-Nov-2015 11:47:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30	Worklist Smp#:	20
Client ID:	PRA-25 E-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

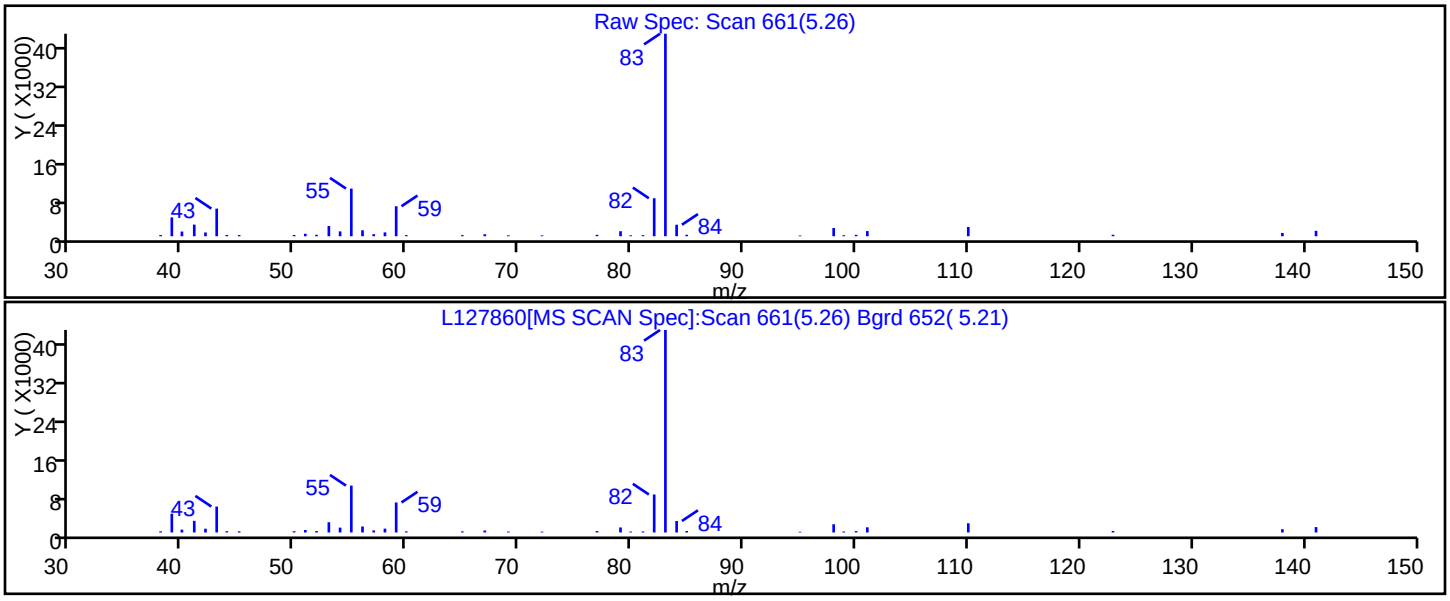


Report Date: 11-Nov-2015 11:47:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D				
Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

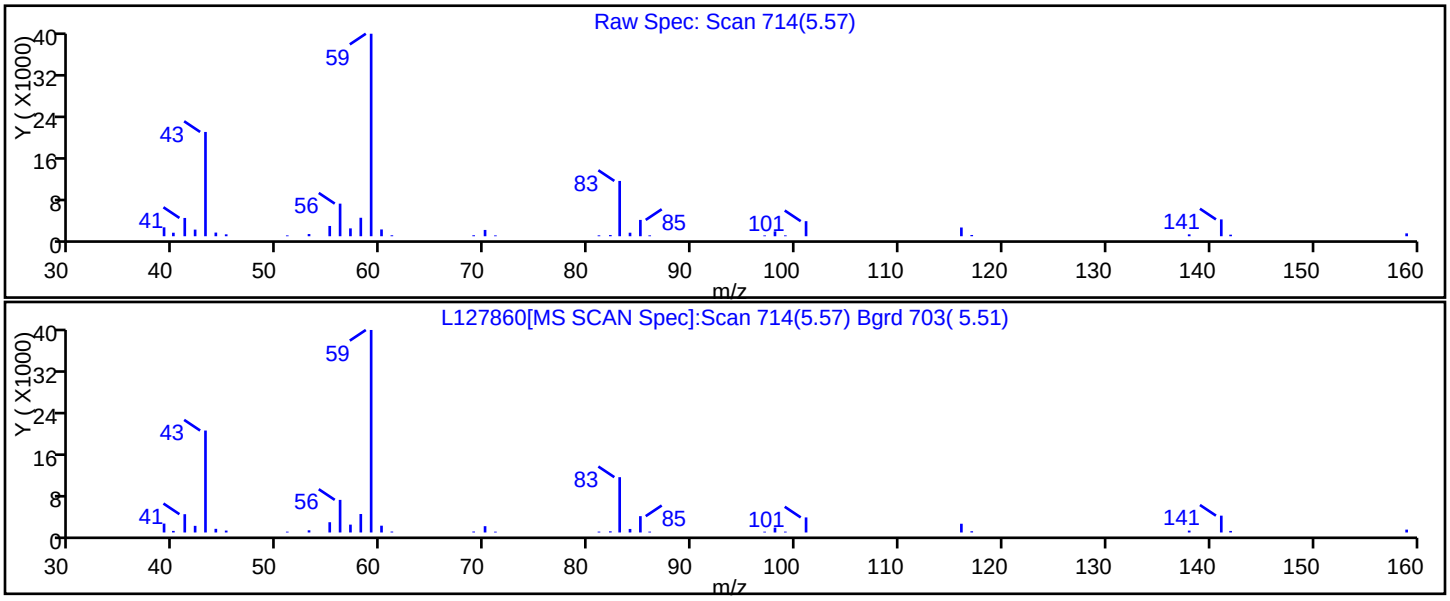


Report Date: 11-Nov-2015 11:47:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D				
Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



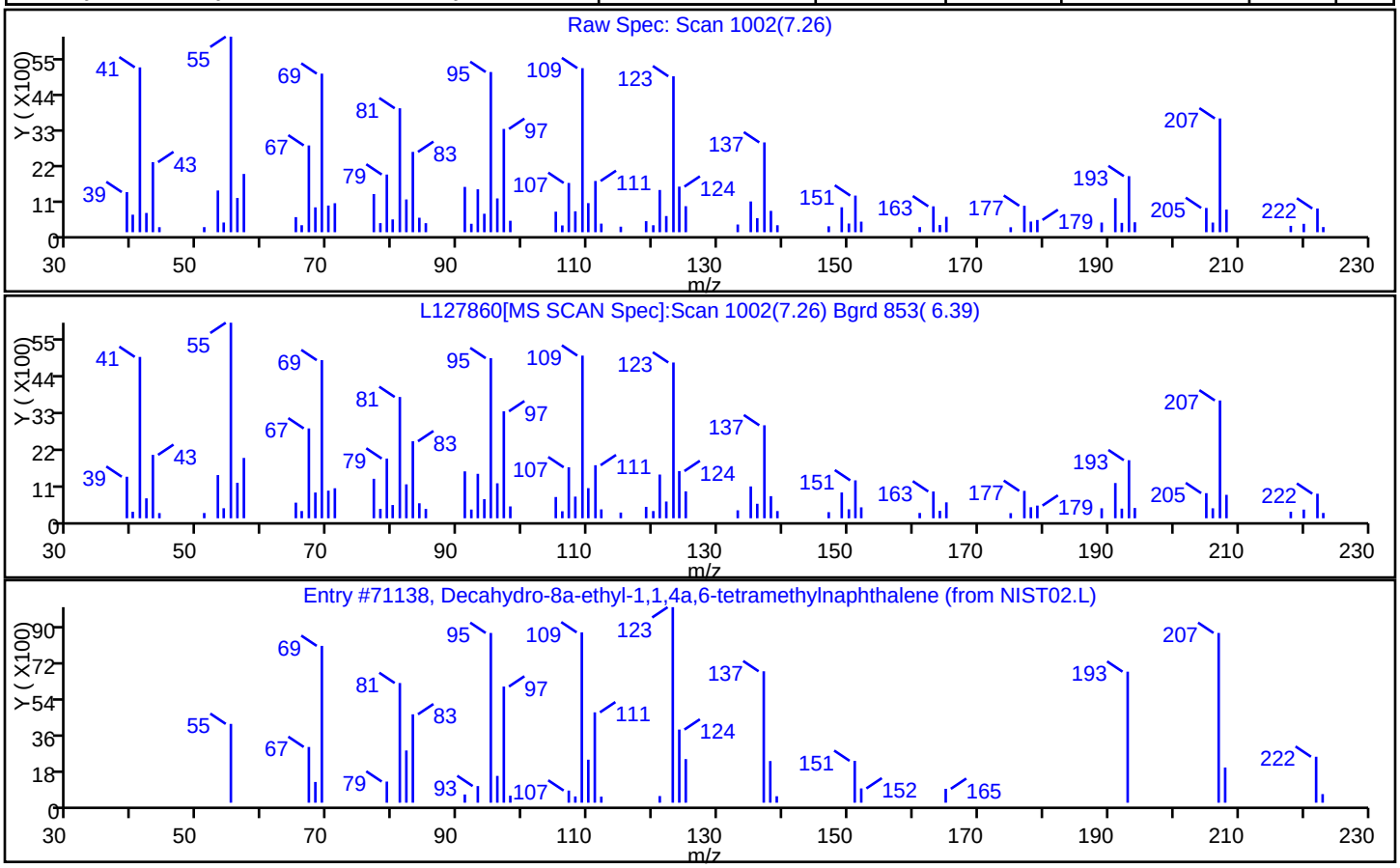
Report Date: 11-Nov-2015 11:47:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-8a-ethyl-1,1,4a,6-tetramethyln	1000100-23-6	NIST02.L	71138	C16H30	222	97

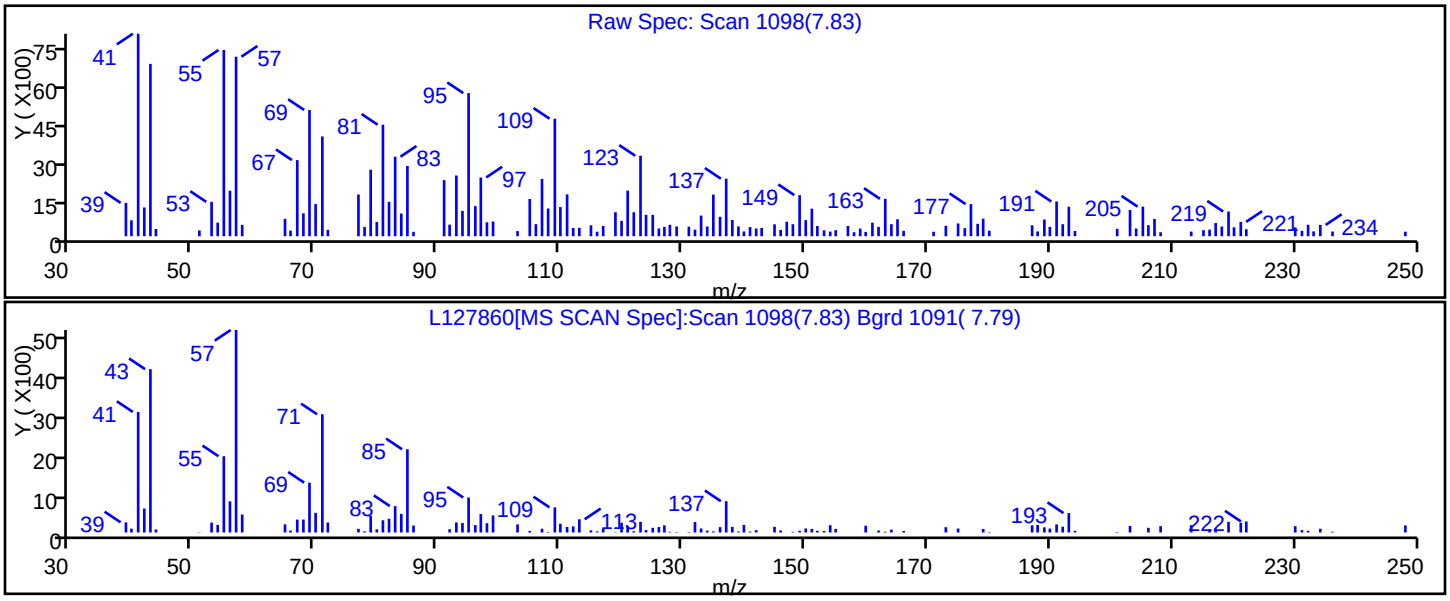


Report Date: 11-Nov-2015 11:47:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D				
Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

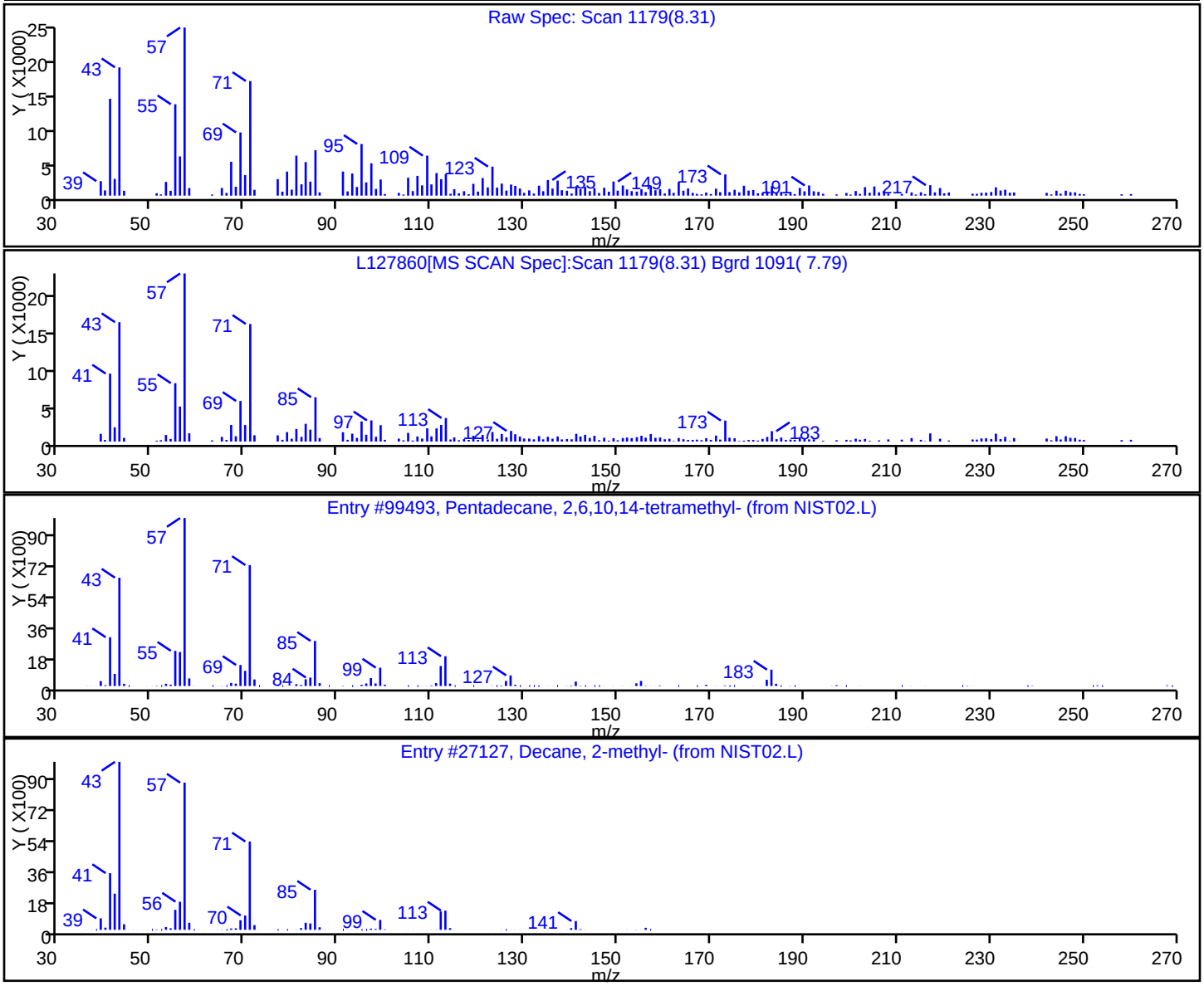


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30
Client ID:	PRA-25 E-3.75		
Operator ID:	BNA 12	ALS Bottle#:	20 Worklist Smp#: 20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99493	C19H40	268	83
Decane, 2-methyl-	6975-98-0	NIST02.L	27127	C11H24	156	81



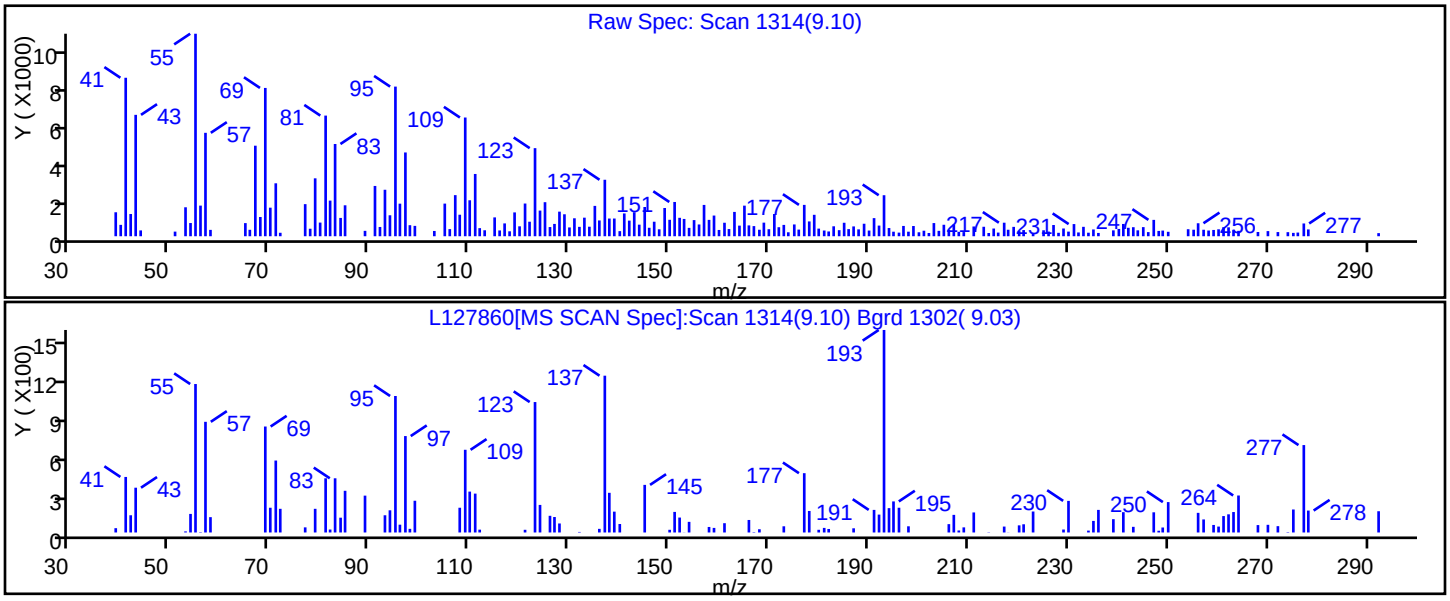
Report Date: 11-Nov-2015 11:48:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

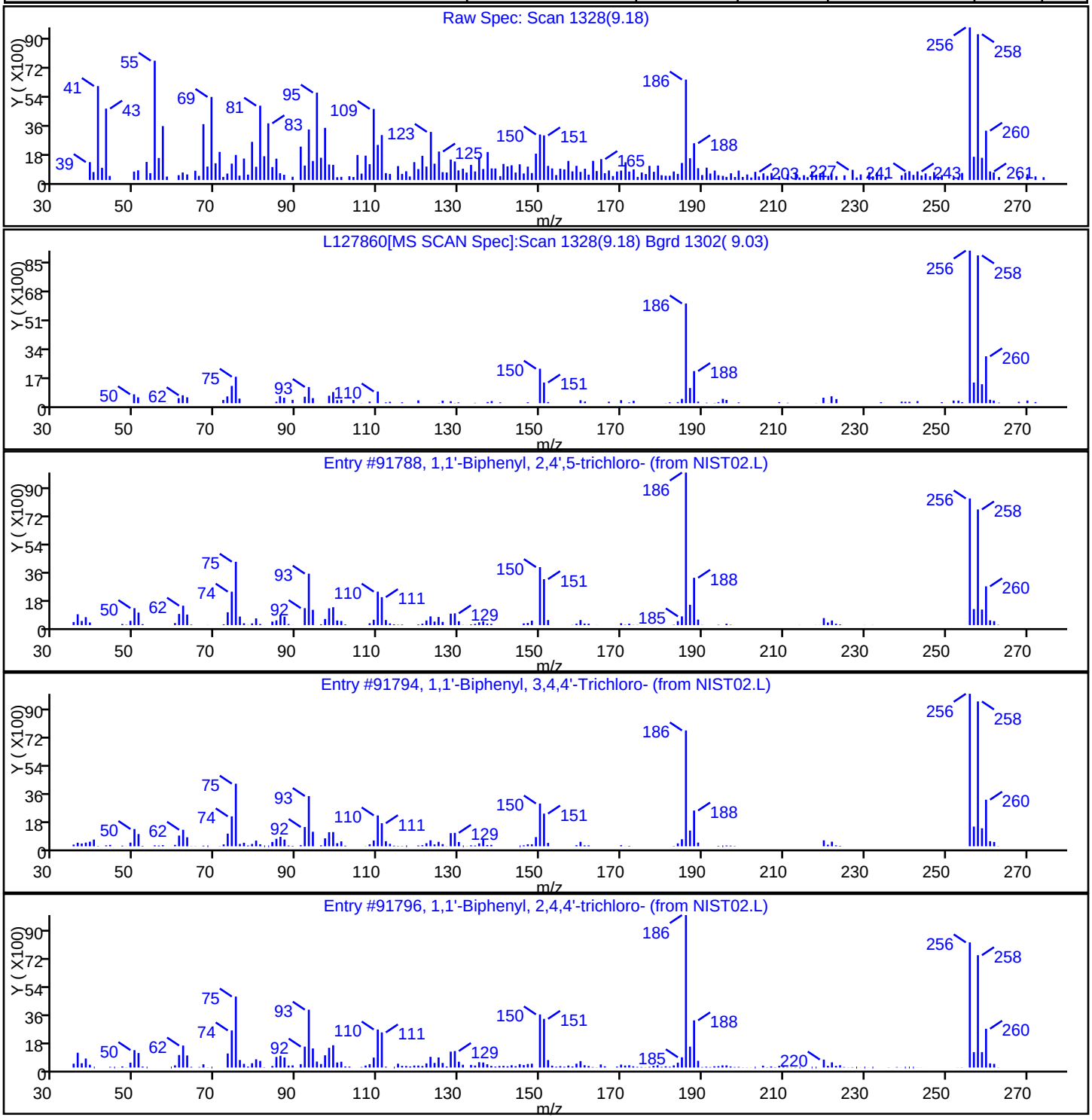


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

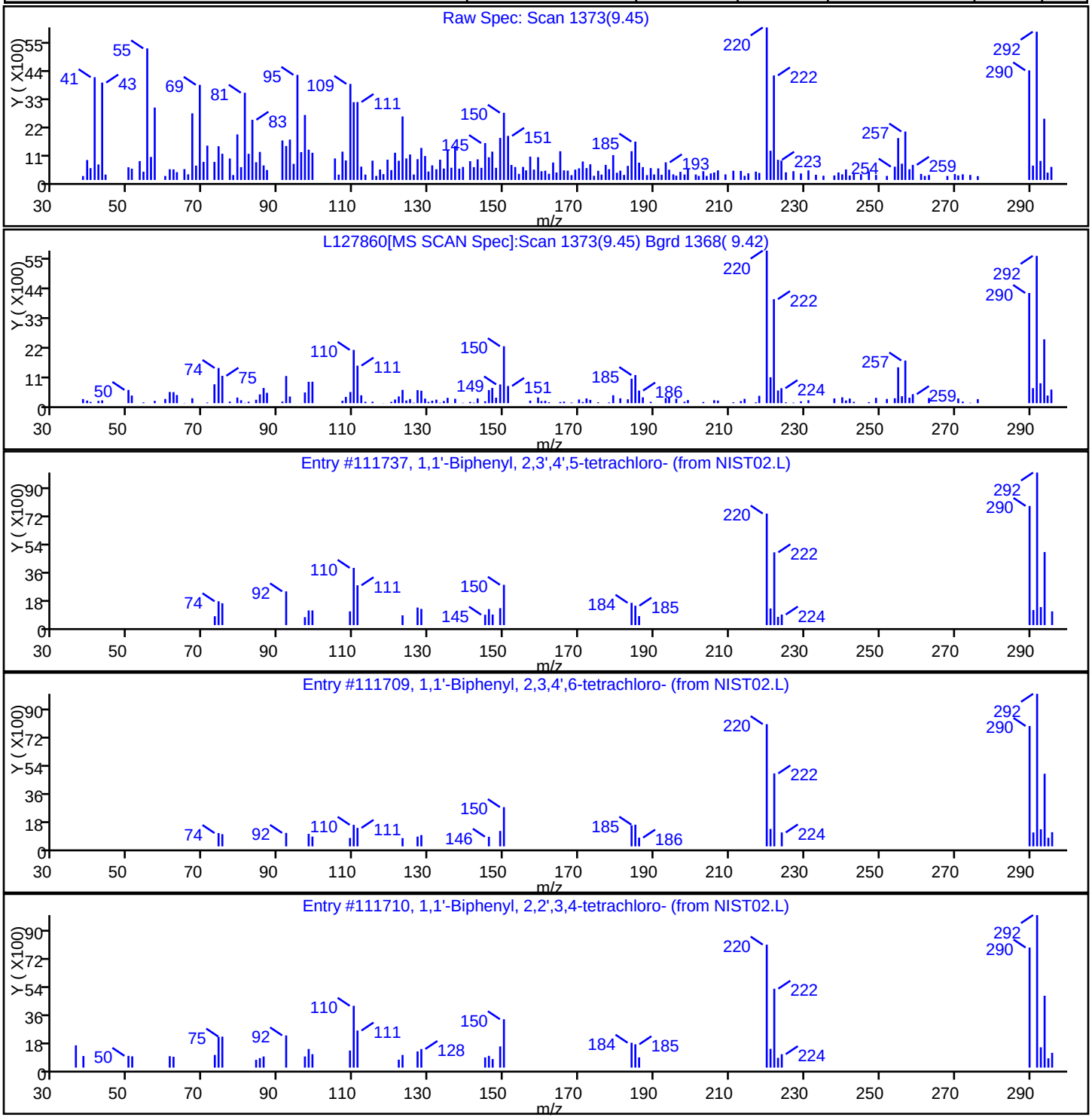
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.L	91788	C12H7Cl3	256	99
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.L	91794	C12H7Cl3	256	96
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.L	91796	C12H7Cl3	256	95



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D
Injection Date: 10-Nov-2015 10:54:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-E-30-B Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Operator ID: BNA 12 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,3',4',5-tetrachloro-	32598-11-1	NIST02.L	111737	C12H6Cl4	290	99
1,1'-Biphenyl, 2,3,4',6-tetrachloro-	52663-58-8	NIST02.L	111709	C12H6Cl4	290	99
1,1'-Biphenyl, 2,2',3,4-tetrachloro-	52663-59-9	NIST02.L	111710	C12H6Cl4	290	99

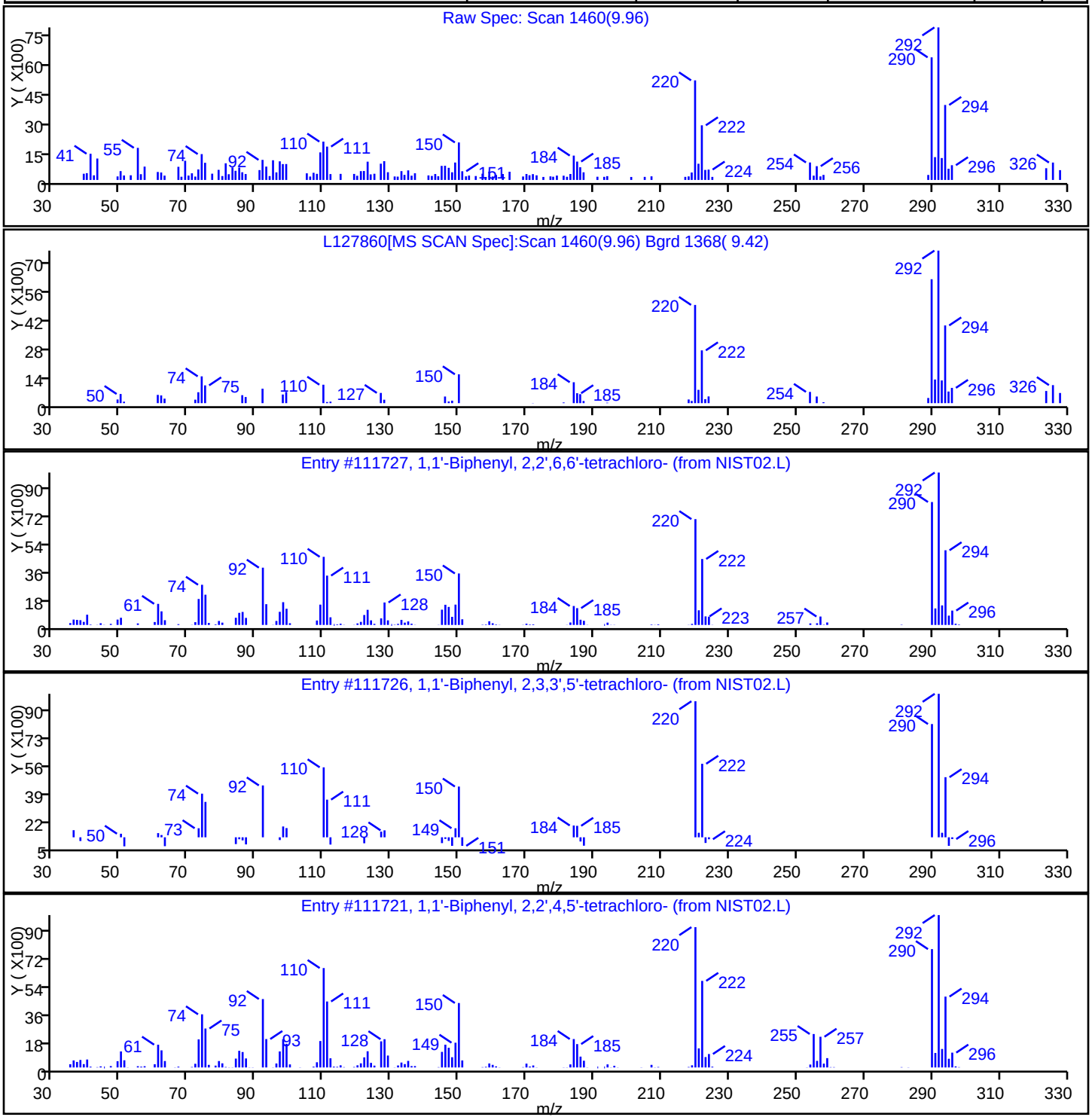


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127860.D

Injection Date:	10-Nov-2015 10:54:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-E-30-B	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	BNA 12	ALS Bottle#:	20	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 2,2',6,6'-tetrachloro-	15968-05-5	NIST02.L	111727	C12H6Cl4	290	97
1,1'-Biphenyl, 2,3,3',5'-tetrachloro-	41464-49-7	NIST02.L	111726	C12H6Cl4	290	97
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: L127861.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:35

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0144(g) | Date Analyzed: 11/10/2015 11:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	12	U	350	12
95-57-8	2-Chlorophenol	9.0	U	350	9.0
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.6	U	350	9.6
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.7	U	350	7.7
111-44-4	Bis(2-chloroethyl)ether	8.3	U	35	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	15	U	350	15
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.6	U	140	7.6
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	78	U	350	78
120-83-2	2,4-Dichlorophenol	8.3	U	140	8.3
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	9.0	U	350	9.0
106-47-8	4-Chloroaniline	9.1	U	350	9.1
87-68-3	Hexachlorobutadiene	9.9	U	71	9.9
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.8	U	350	7.8
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	10	U	140	10
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	8.0	U	350	8.0
88-74-4	2-Nitroaniline	12	U	350	12
606-20-2	2,6-Dinitrotoluene	19	U	71	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	9.1	U	350	9.1
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.5	U	350	8.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: L127861.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:35

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0144(g) | Date Analyzed: 11/10/2015 11:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	710	170
51-28-5	2,4-Dinitrophenol	270	U	280	270
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	10	U	350	10
86-73-7	Fluorene	7.7	U	350	7.7
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	11	U	350	11
121-14-2	2,4-Dinitrotoluene	14	U	71	14
7005-72-3	4-Chlorophenyl phenyl ether	11	U	350	11
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	94	U	280	94
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	34	U	350	34
86-74-8	Carbazole	8.8	U	350	8.8
85-01-8	Phenanthrene	9.4	U	350	9.4
87-86-5	Pentachlorophenol	43	U	280	43
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.6	U	350	9.6
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	32	U	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: L127861.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:35

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0144(g) | Date Analyzed: 11/10/2015 11:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		28-92
4165-62-2	Phenol-d5	62		22-88
1718-51-0	Terphenyl-d14	85		16-114
118-79-6	2,4,6-Tribromophenol	50		10-95
367-12-4	2-Fluorophenol	63		21-84
321-60-8	2-Fluorobiphenyl	58		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: L127861.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:35

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0144(g) | Date Analyzed: 11/10/2015 11:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | 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: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127861.D
Lims ID: 460-104096-E-31-B Lab Sample ID: 460-104096-31
Client ID: PRA-25 EE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 11:20:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-021
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:48:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.094	3.035	0.059	97	132983	31.4	
$ 6 Phenol-d5	99	3.976	3.982	-0.006	87	156355	31.2	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.317	0.006	96	140758	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	89	142451	31.6	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	494207	40.0	
$ 50 2-Fluorobiphenyl	172	6.693	6.705	-0.012	98	277789	29.1	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	235060	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	33599	24.9	
* 85 Phenanthrene-d10	188	8.828	8.828	0.000	99	321061	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	190670	42.4	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	194966	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	97	176674	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

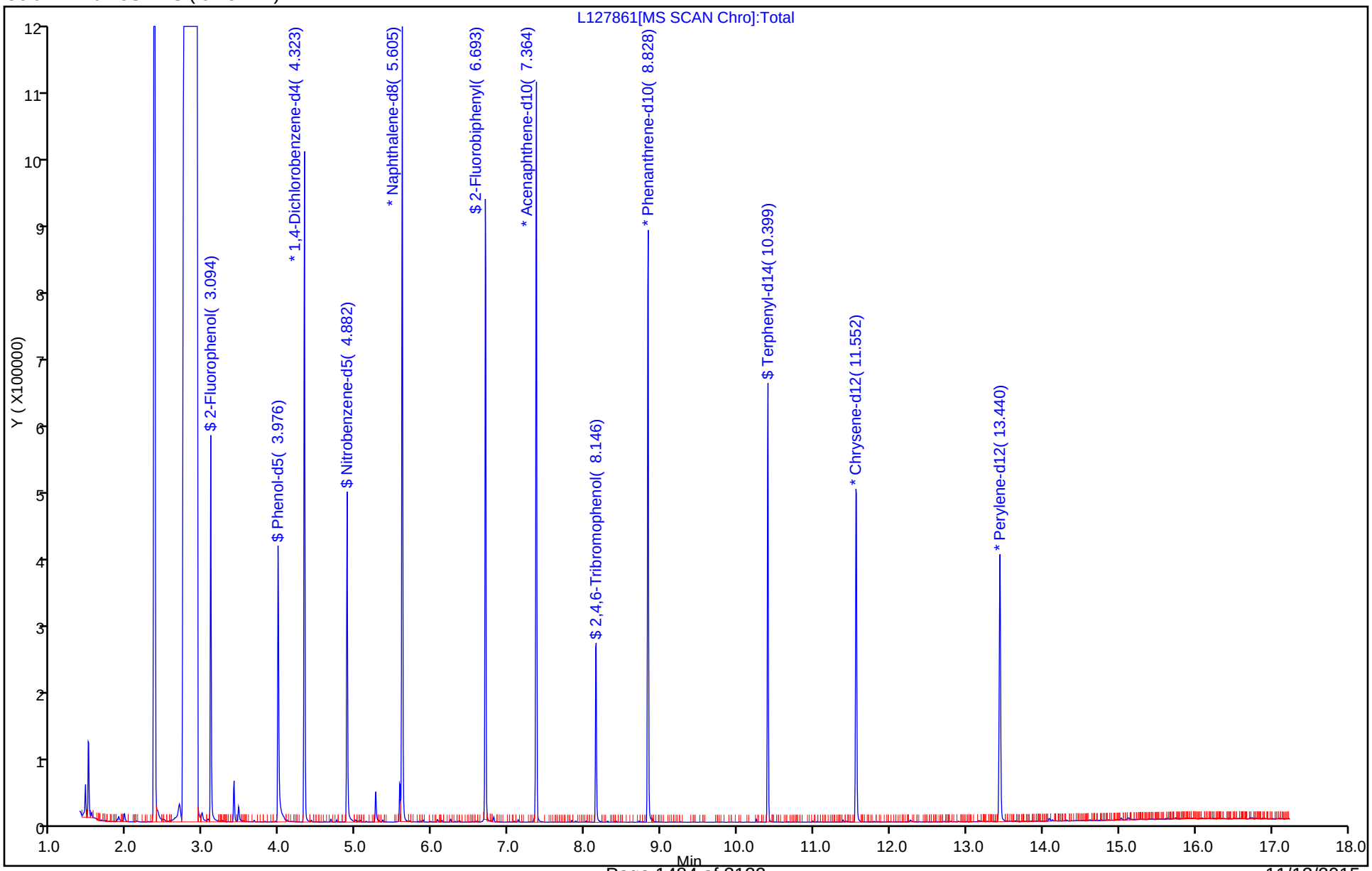
Report Date: 11-Nov-2015 11:48:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127861.D

Injection Date:	10-Nov-2015 11:20:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-E-31-B	Lab Sample ID:	460-104096-31	Worklist Smp#:	21
Client ID:	PRA-25 EE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: L127862.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:33

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0127(g) | Date Analyzed: 11/10/2015 11:46

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.9	U	350	8.9
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.5	U	350	9.5
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.3	U	35	8.3
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.5	U	140	7.5
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	77	U	350	77
120-83-2	2,4-Dichlorophenol	8.3	U	140	8.3
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	15	J	350	8.9
106-47-8	4-Chloroaniline	9.0	U	350	9.0
87-68-3	Hexachlorobutadiene	9.9	U	71	9.9
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	26	J	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	10	U	140	10
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	8.0	U	350	8.0
88-74-4	2-Nitroaniline	12	U	350	12
606-20-2	2,6-Dinitrotoluene	19	U	71	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	9.0	U	350	9.0
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.5	U	350	8.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: L127862.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:33

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0127(g) | Date Analyzed: 11/10/2015 11:46

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	710	170
51-28-5	2,4-Dinitrophenol	270	U	280	270
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	10	U	350	10
86-73-7	Fluorene	7.6	U	350	7.6
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	71	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	93	U	280	93
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.7	U	350	8.7
85-01-8	Phenanthrene	9.3	U	350	9.3
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.5	U	350	9.5
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	32	U	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: L127862.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:33

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0127(g) | Date Analyzed: 11/10/2015 11:46

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.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		28-92
4165-62-2	Phenol-d5	61		22-88
1718-51-0	Terphenyl-d14	82		16-114
118-79-6	2,4,6-Tribromophenol	42		10-95
367-12-4	2-Fluorophenol	62		21-84
321-60-8	2-Fluorobiphenyl	57		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: L127862.D

Analysis Method: 8270D | Date Collected: 11/05/2015 15:33

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0127(g) | Date Analyzed: 11/10/2015 11:46

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.: 334254 | Units: ug/Kg

Number TICs Found: 3 | TIC Result Total: 990

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	5.26	300	J
	Unknown	5.57	310	J
88-73-3	Benzene, 1-chloro-2-nitro-	5.96	380	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D
Lims ID: 460-104096-F-32-B Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 11:46:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-022
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 12:06:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.105	3.035	0.070	96	130687	30.9	
$ 6 Phenol-d5	99	3.982	3.982	0.000	87	153469	30.7	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.317	0.006	96	140504	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	89	140929	30.7	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	502542	40.0	
37 Naphthalene	128	5.629	5.635	-0.006	97	2735	0.2135	
42 2-Methylnaphthalene	142	6.329	6.335	-0.006	85	3148	0.3745	
$ 50 2-Fluorobiphenyl	172	6.693	6.705	-0.012	98	276109	28.7	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	236791	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	28686	21.2	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	308050	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	177853	40.8	
* 100 Chrysene-d12	240	11.552	11.558	-0.006	99	189202	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	97	171608	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D				
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Sample Type:	Client				
Inject. Date:	10-Nov-2015 11:46:30	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034029-022				
Operator ID:	BNA 12	Instrument ID:	CBNAMS12		
Method:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	11-Nov-2015 11:32:01	Calib Date:	19-Oct-2015 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: szczecha		Date:	11-Nov-2015 12:06:05		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
5.258	109824	4.25	36					
	Unknown							
5.570	112966	4.37	36					
88-73-3	Benzene, 1-chloro-2-nitro-							
5.964	138965	5.38	36	98	27936	C6H4ClNO2	157	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 36 Naphthalene-d8	5.605	1033623	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

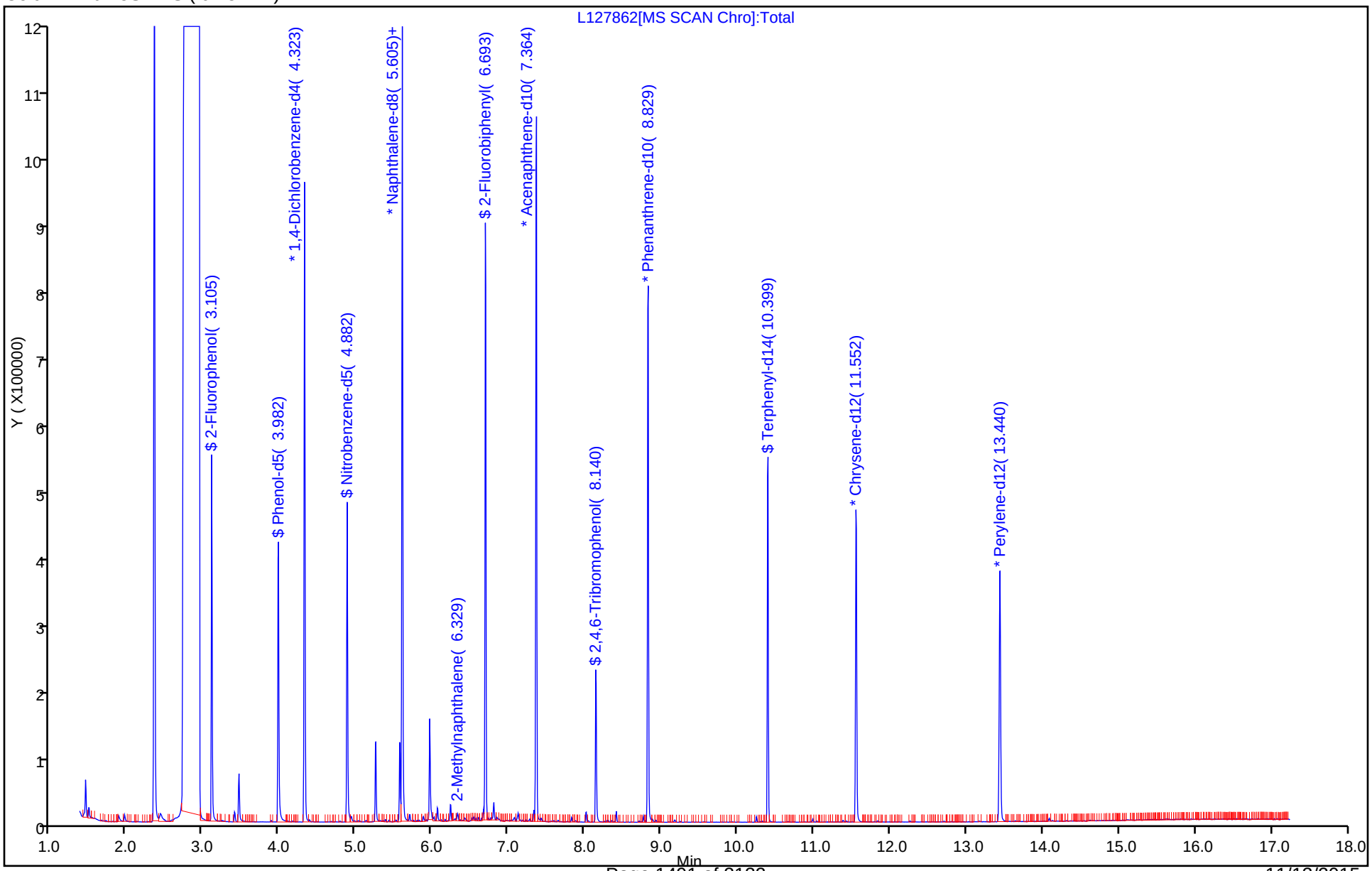
Report Date: 11-Nov-2015 12:06:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D

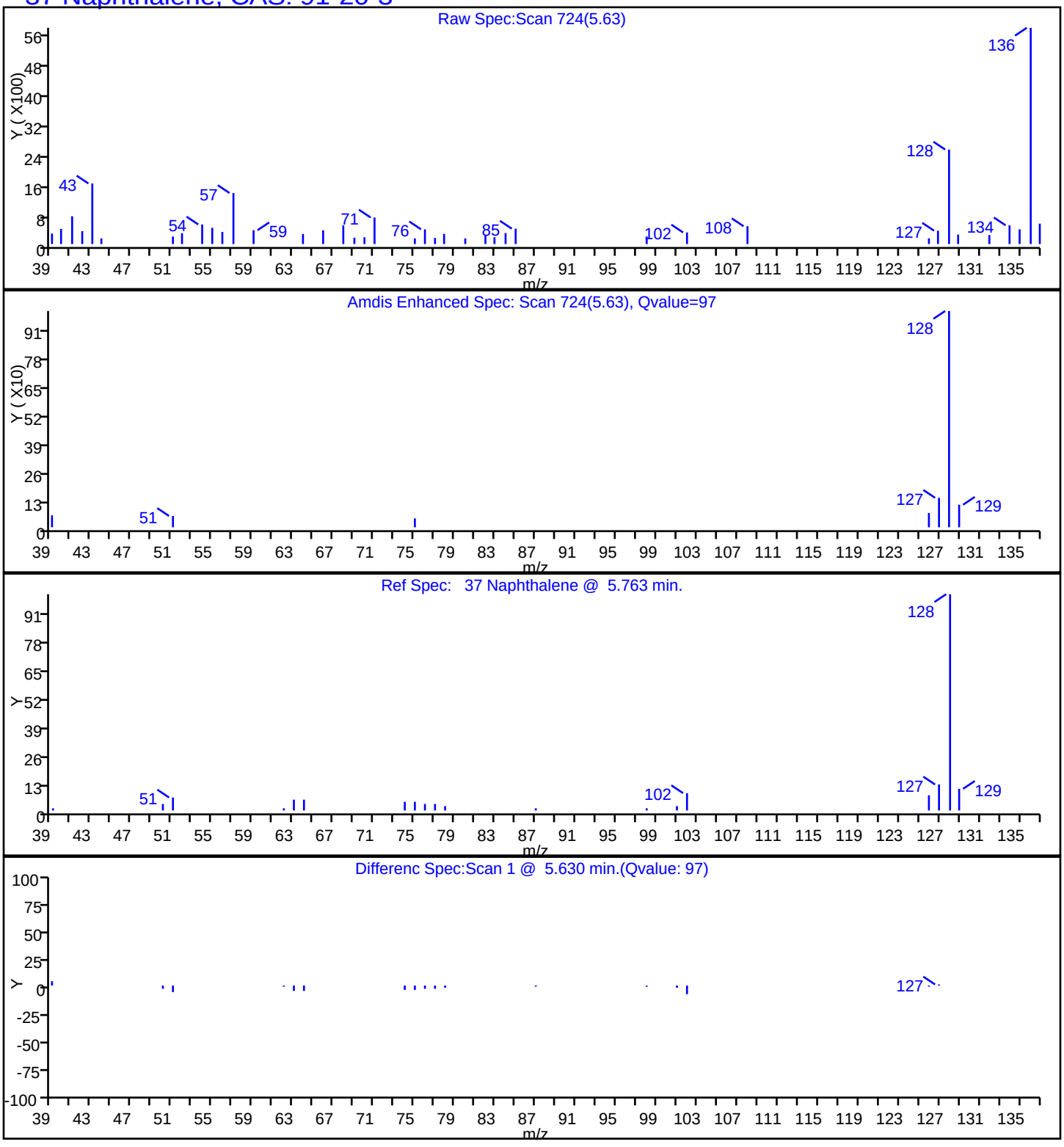
Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32	Worklist Smp#:	22
Client ID:	PRA-25 EE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D				
Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

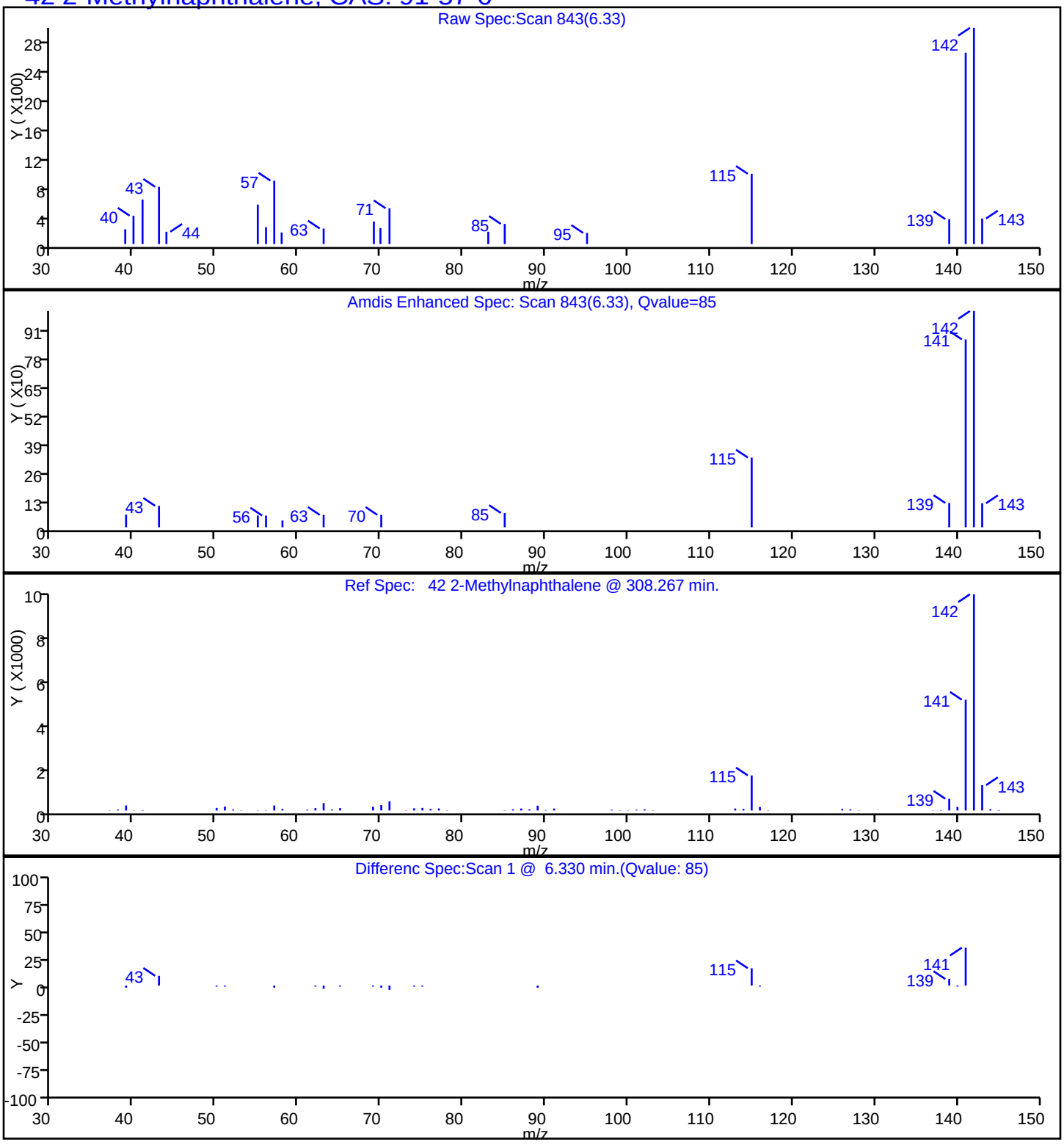
37 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D				
Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6

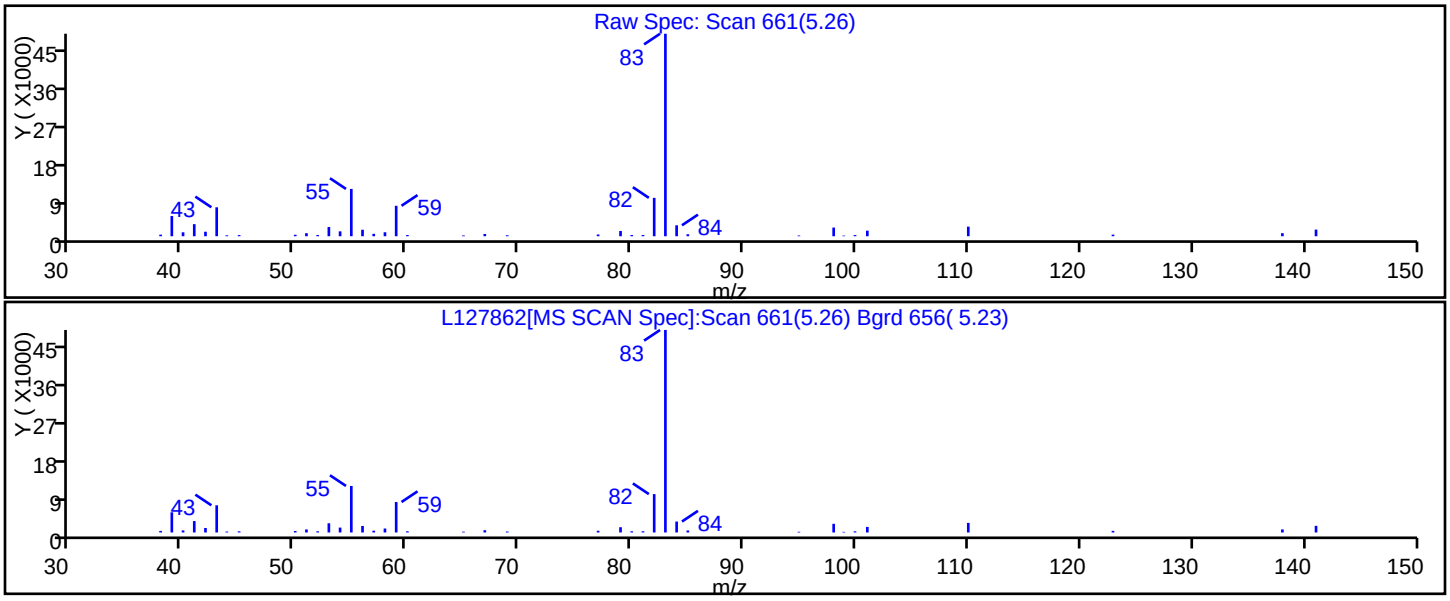


Report Date: 11-Nov-2015 12:06:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D				
Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

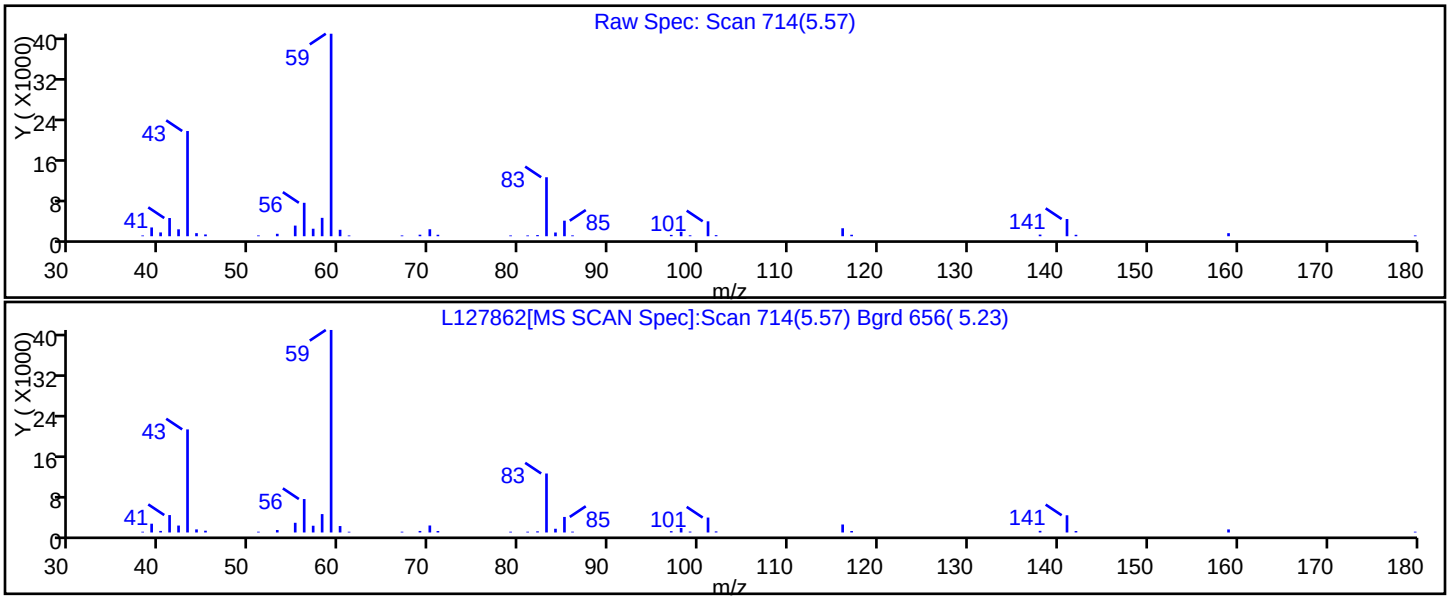


Report Date: 11-Nov-2015 12:06:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D				
Injection Date:	10-Nov-2015 11:46:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-32-B	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

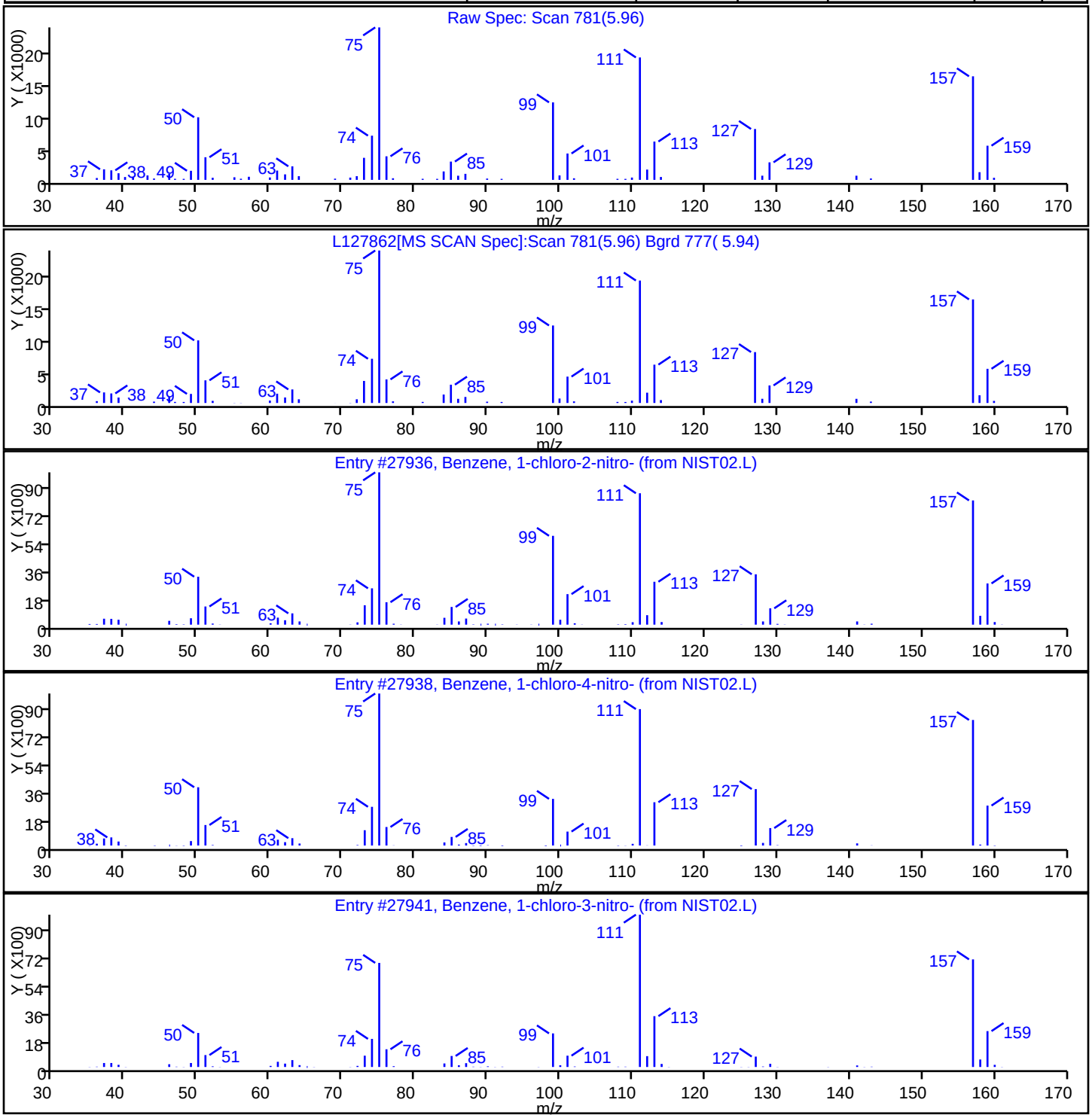
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127862.D
Injection Date: 10-Nov-2015 11:46:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-32-B Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Operator ID: BNA 12 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.L	27936	C6H4ClNO2	157	98
Benzene, 1-chloro-4-nitro-	100-00-5	NIST02.L	27938	C6H4ClNO2	157	98
Benzene, 1-chloro-3-nitro-	121-73-3	NIST02.L	27941	C6H4ClNO2	157	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: L127863.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0544(g) | Date Analyzed: 11/10/2015 12:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	340	11
95-57-8	2-Chlorophenol	8.7	U	340	8.7
95-48-7	2-Methylphenol	15	U	340	15
106-44-5	4-Methylphenol	9.4	U	340	9.4
100-52-7	Benzaldehyde	26	U	340	26
98-86-2	Acetophenone	7.5	U	340	7.5
111-44-4	Bis(2-chloroethyl)ether	8.1	U	34	8.1
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	340	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	34	12
98-95-3	Nitrobenzene	11	U	34	11
67-72-1	Hexachloroethane	13	U	34	13
78-59-1	Isophorone	7.4	U	140	7.4
88-75-5	2-Nitrophenol	12	U	340	12
105-67-9	2,4-Dimethylphenol	76	U	340	76
120-83-2	2,4-Dichlorophenol	8.1	U	140	8.1
111-91-1	Bis(2-chloroethoxy)methane	11	U	340	11
91-20-3	Naphthalene	9.8	J	340	8.7
106-47-8	4-Chloroaniline	8.9	U	340	8.9
87-68-3	Hexachlorobutadiene	9.7	U	70	9.7
105-60-2	Caprolactam	25	U	340	25
59-50-7	4-Chloro-3-methylphenol	15	U	340	15
91-57-6	2-Methylnaphthalene	15	J	340	7.6
118-74-1	Hexachlorobenzene	14	U	34	14
77-47-4	Hexachlorocyclopentadiene	21	U	340	21
88-06-2	2,4,6-Trichlorophenol	9.8	U	140	9.8
95-95-4	2,4,5-Trichlorophenol	34	U	340	34
92-52-4	Diphenyl	29	U	340	29
91-58-7	2-Chloronaphthalene	7.8	U	340	7.8
88-74-4	2-Nitroaniline	11	U	340	11
606-20-2	2,6-Dinitrotoluene	18	U	70	18
131-11-3	Dimethyl phthalate	10	U	340	10
208-96-8	Acenaphthylene	8.9	U	340	8.9
99-09-2	3-Nitroaniline	10	U	340	10
83-32-9	Acenaphthene	8.3	U	340	8.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: L127863.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0544(g) | Date Analyzed: 11/10/2015 12:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	700	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	10	U	340	10
84-66-2	Diethyl phthalate	9.8	U	340	9.8
86-73-7	Fluorene	7.5	U	340	7.5
206-44-0	Fluoranthene	10	U	340	10
84-74-2	Di-n-butyl phthalate	10	U	340	10
121-14-2	2,4-Dinitrotoluene	14	U	70	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	340	10
100-01-6	4-Nitroaniline	13	U	340	13
534-52-1	4,6-Dinitro-2-methylphenol	92	U	280	92
101-55-3	4-Bromophenyl phenyl ether	11	U	340	11
1912-24-9	Atrazine	15	U	140	15
120-12-7	Anthracene	33	U	340	33
86-74-8	Carbazole	8.5	U	340	8.5
85-01-8	Phenanthrene	9.2	U	340	9.2
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	340	16
218-01-9	Chrysene	9.4	U	340	9.4
207-08-9	Benzo[k]fluoranthene	15	U	34	15
191-24-2	Benzo[g,h,i]perylene	20	U	340	20
205-99-2	Benzo[b]fluoranthene	13	U	34	13
50-32-8	Benzo[a]pyrene	10	U	34	10
56-55-3	Benzo[a]anthracene	29	U	34	29
86-30-6	N-Nitrosodiphenylamine	31	U	340	31
85-68-7	Butyl benzyl phthalate	11	U	340	11
117-81-7	Bis(2-ethylhexyl) phthalate	13	U	340	13
117-84-0	Di-n-octyl phthalate	17	U	340	17
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	34	23
53-70-3	Dibenz(a,h)anthracene	18	U	34	18
91-94-1	3,3'-Dichlorobenzidine	38	U	140	38
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	340	26
58-90-2	2,3,4,6-Tetrachlorophenol	32	U	340	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: L127863.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0544(g) | Date Analyzed: 11/10/2015 12:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		28-92
4165-62-2	Phenol-d5	52		22-88
1718-51-0	Terphenyl-d14	67		16-114
118-79-6	2,4,6-Tribromophenol	28		10-95
367-12-4	2-Fluorophenol	52		21-84
321-60-8	2-Fluorobiphenyl	50		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: L127863.D

Analysis Method: 8270D | Date Collected: 11/05/2015 09:26

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0544(g) | Date Analyzed: 11/10/2015 12:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334254 | Units: ug/Kg

Number TICs Found: 8 | TIC Result Total: 3890

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	3.46	450	J
	Unknown	5.26	750	J
	Unknown	5.57	530	J
544-76-3	Hexadecane	7.82	340	J N
629-78-7	Heptadecane	8.29	680	J N
593-45-3	Octadecane	8.74	430	J N
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.76	350	J N
629-92-5	Nonadecane	9.15	360	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D
Lims ID: 460-104096-F-33-B Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:12:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-023
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 12:07:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.111	3.035	0.076	97	92586	25.8	
$ 6 Phenol-d5	99	3.982	3.982	0.000	87	110034	25.9	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.317	0.006	96	119084	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	89	102535	26.8	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	419559	40.0	
37 Naphthalene	128	5.629	5.635	-0.006	74	1510	0.1412	
42 2-Methylnaphthalene	142	6.329	6.335	-0.006	85	1521	0.2168	
$ 50 2-Fluorobiphenyl	172	6.693	6.705	-0.012	98	203047	24.9	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	200846	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	15965	14.1	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	270229	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	138556	33.4	
* 100 Chrysene-d12	240	11.552	11.558	-0.006	99	180070	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	97	168713	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D
Lims ID: 460-104096-F-33-B Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:12:30 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-023
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 12:07:03

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
3.464	112948	6.45	13					
		Unknown						
5.258	231558	10.8	36					
		Unknown						
5.570	164817	7.67	36					
	544-76-3	Hexadecane						
7.823	98777	4.83	63	95	73964	C16H34	226	
	629-78-7	Heptadecane						
8.293	168123	9.83	85	97	82608	C17H36	240	
	593-45-3	Octadecane						
8.735	105367	6.16	85	95	91036	C18H38	254	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.764	85042	4.97	85	91	107670	C20H42	282	
	629-92-5	Nonadecane						
9.152	89349	5.22	85	96	99476	C19H40	268	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.323	700861	40.0
* 36 Naphthalene-d8	5.605	860054	40.0
* 63 Acenaphthene-d10	7.364	818070	40.0
* 85 Phenanthrene-d10	8.829	684228	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

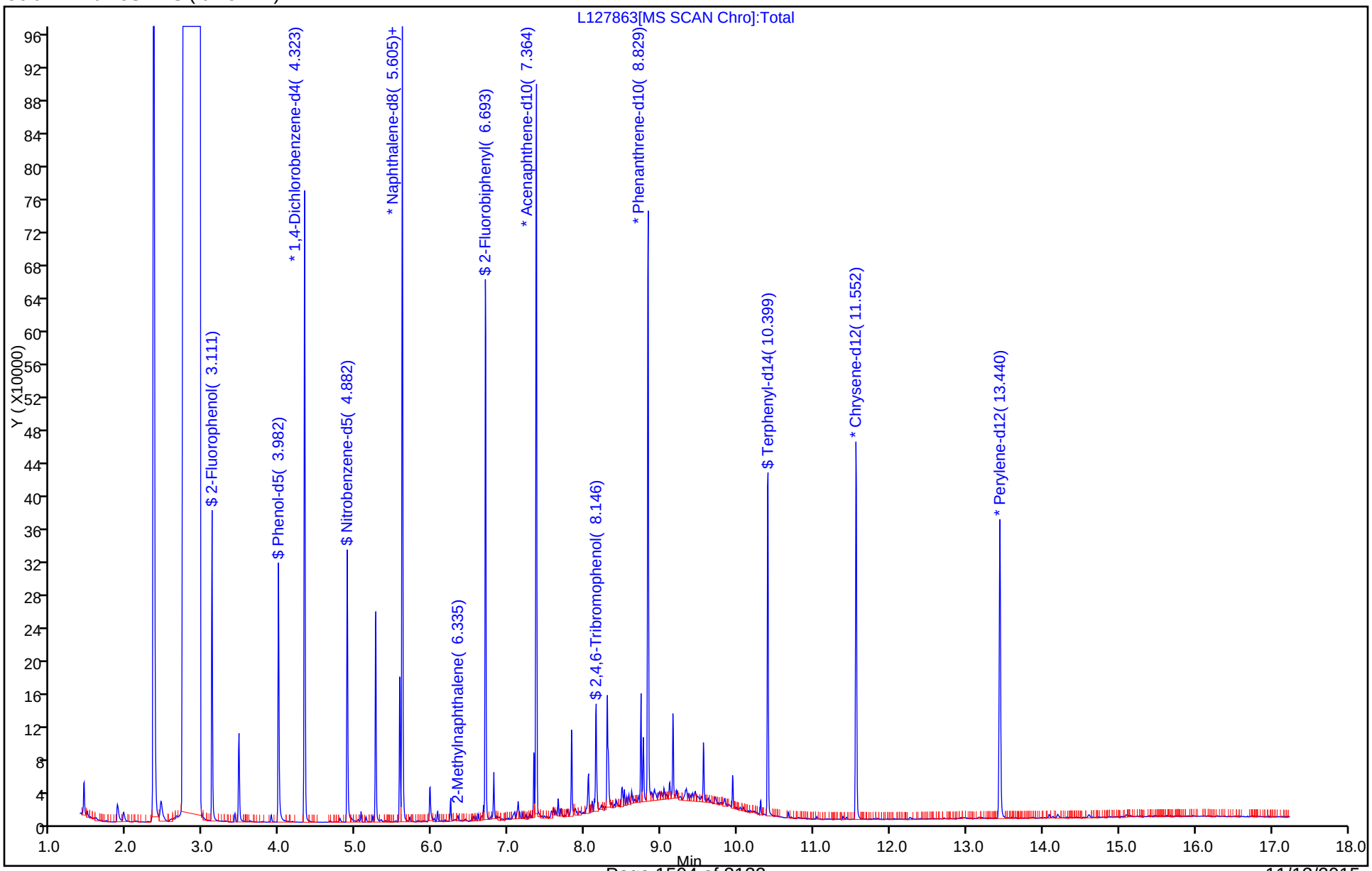
Report Date: 11-Nov-2015 12:07:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D

Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33	Worklist Smp#:	23
Client ID:	PRA-6 SE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

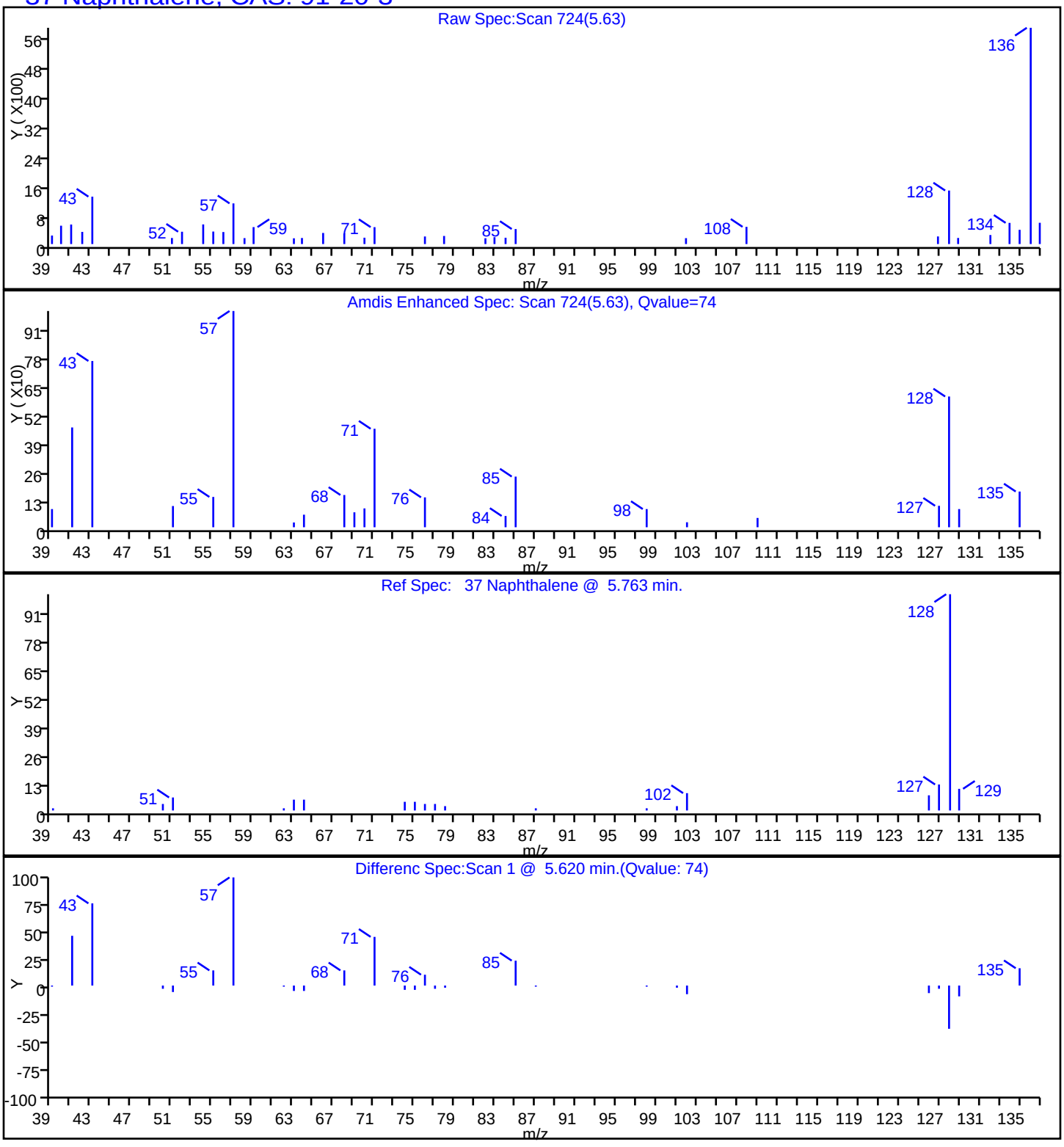
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D				
Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

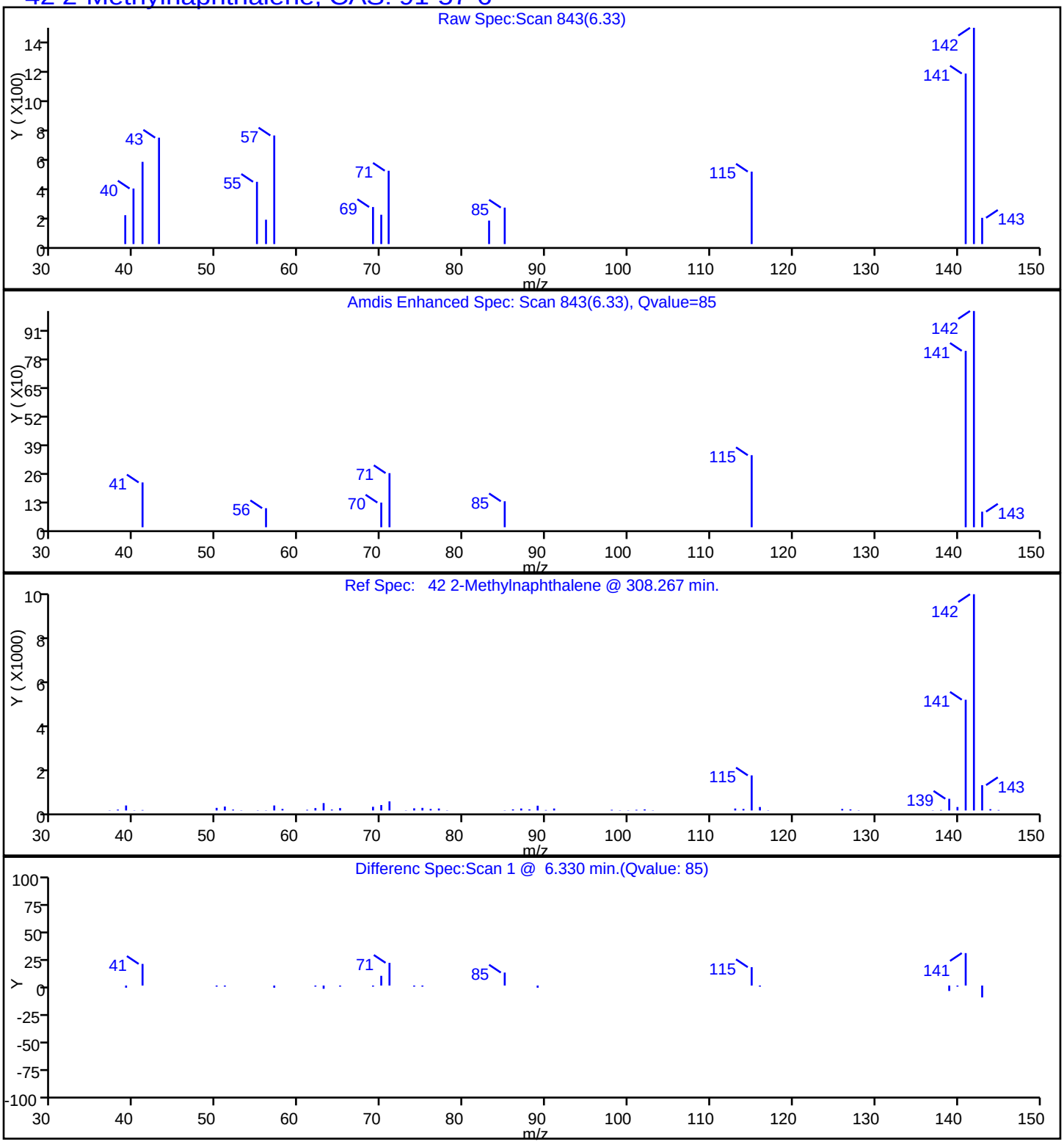
37 Naphthalene, CAS: 91-20-3



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D				
Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

42 2-Methylnaphthalene, CAS: 91-57-6

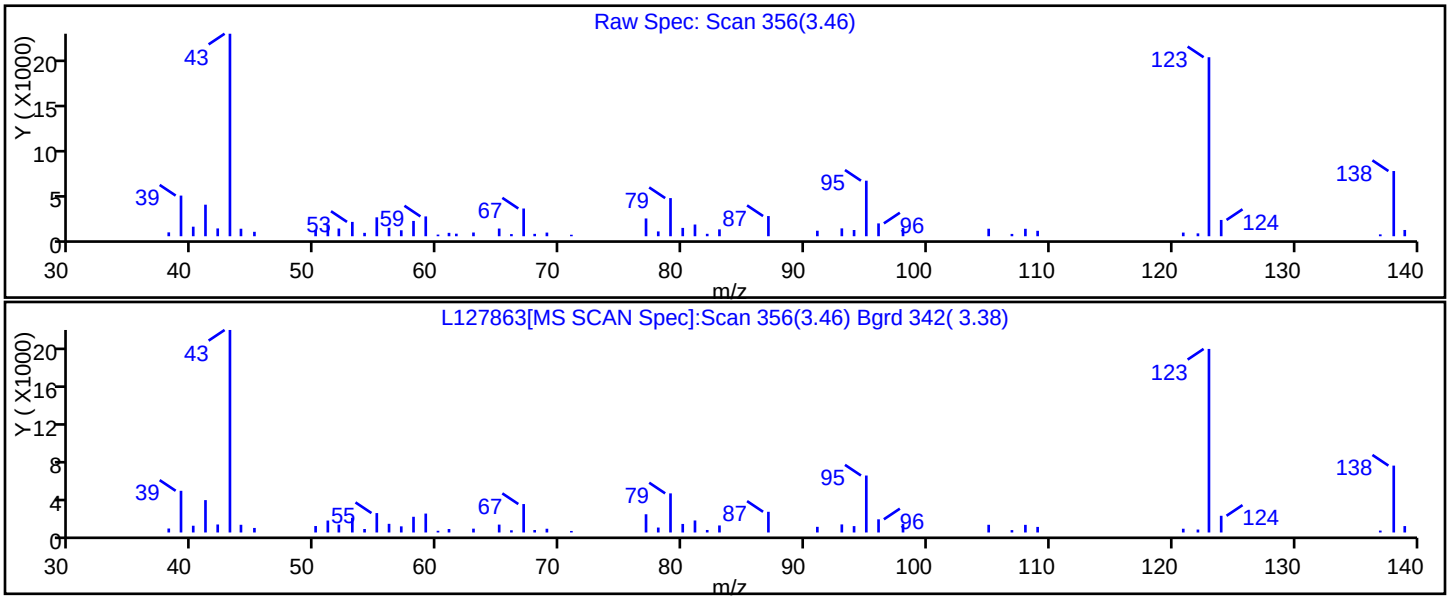


Report Date: 11-Nov-2015 12:07:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D				
Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

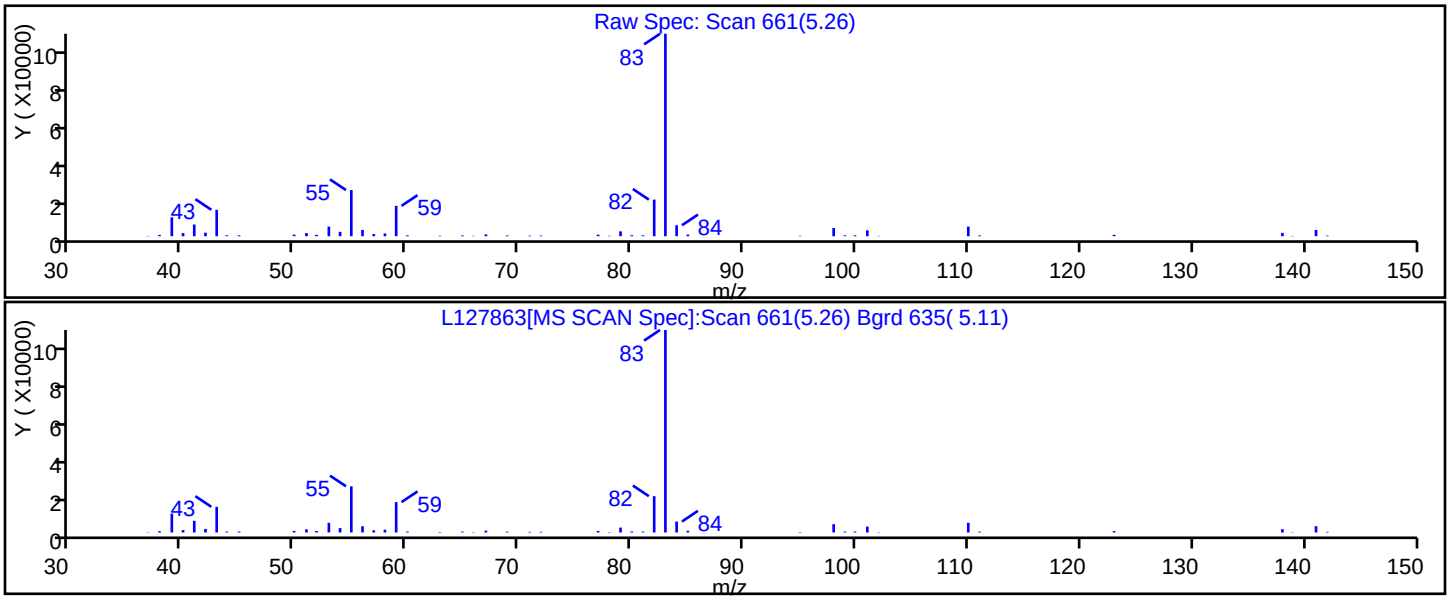


Report Date: 11-Nov-2015 12:07:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D				
Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



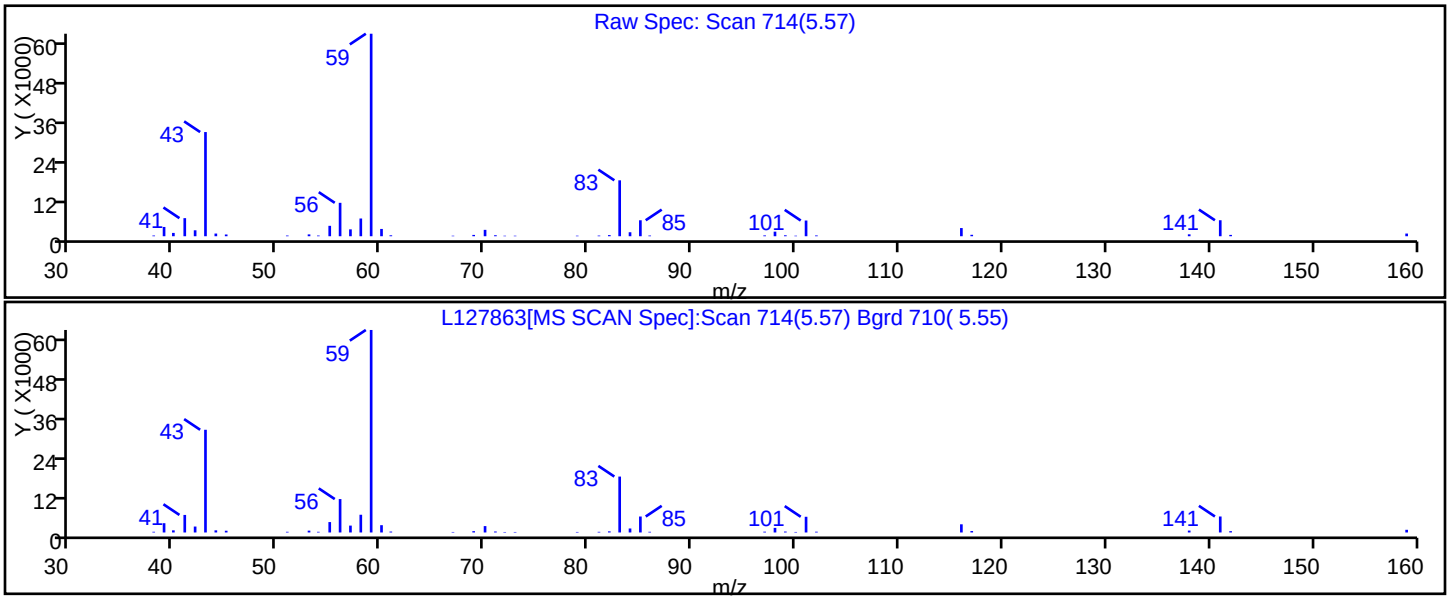
Report Date: 11-Nov-2015 12:07:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D

Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

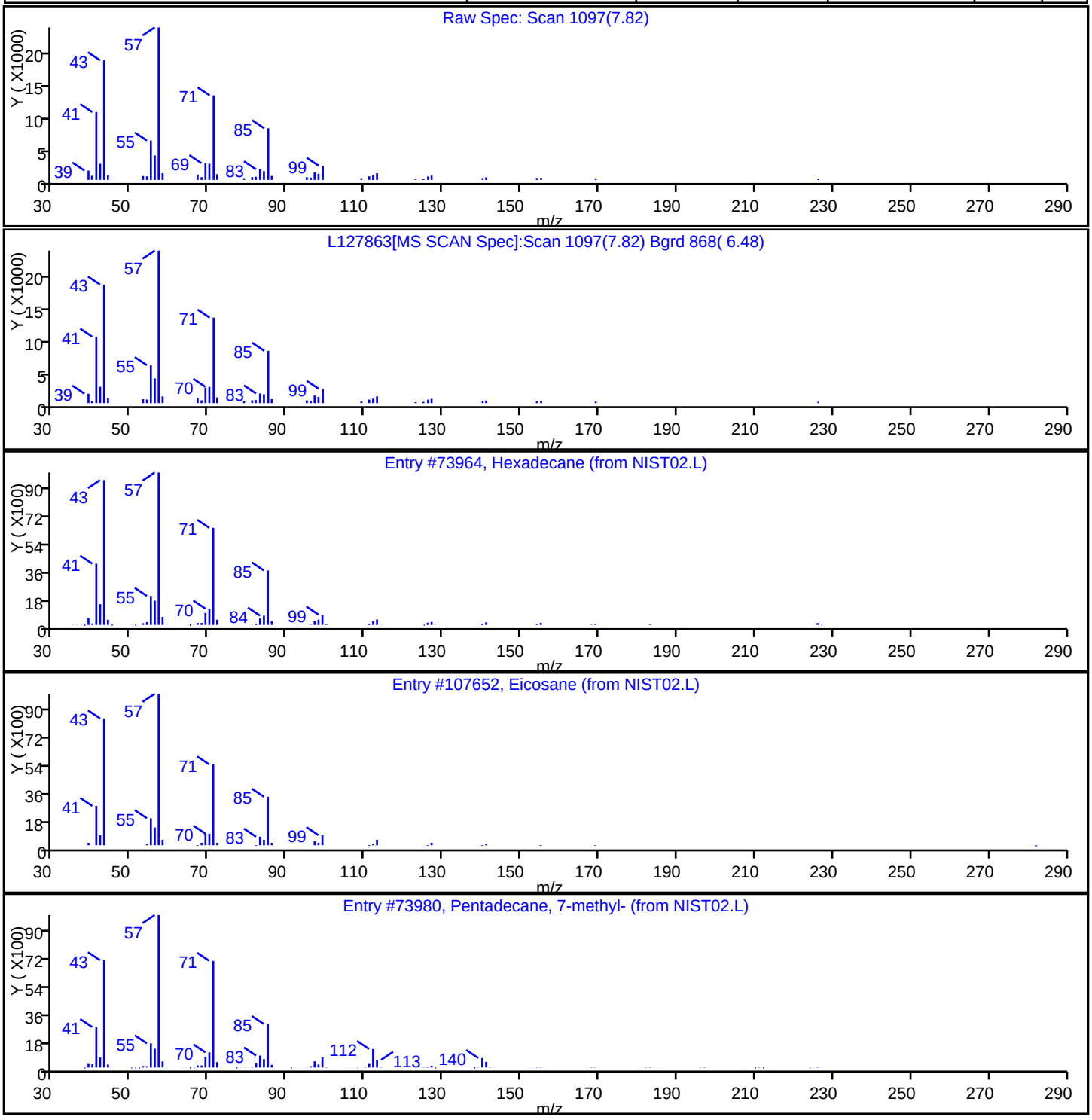
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D
Injection Date: 10-Nov-2015 12:12:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-33-B Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Operator ID: BNA 12 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73964	C16H34	226	95
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	91

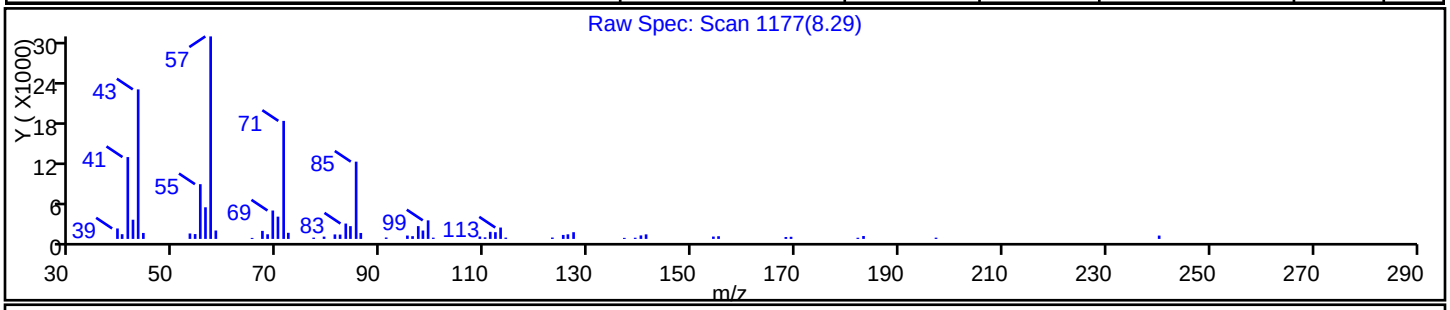


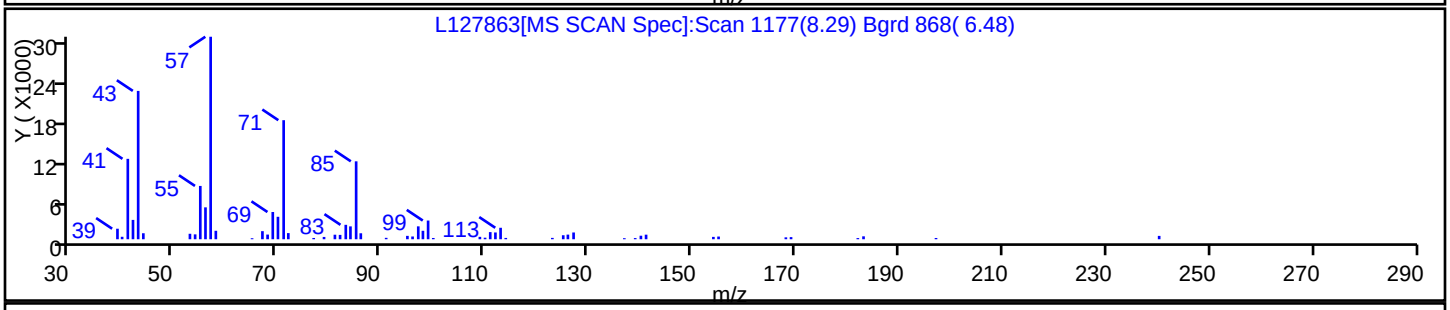
TestAmerica Edison

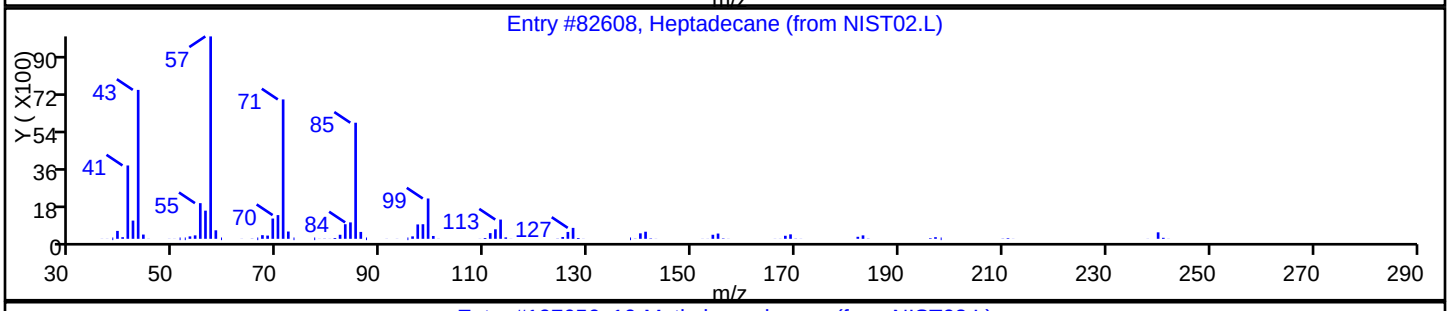
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D

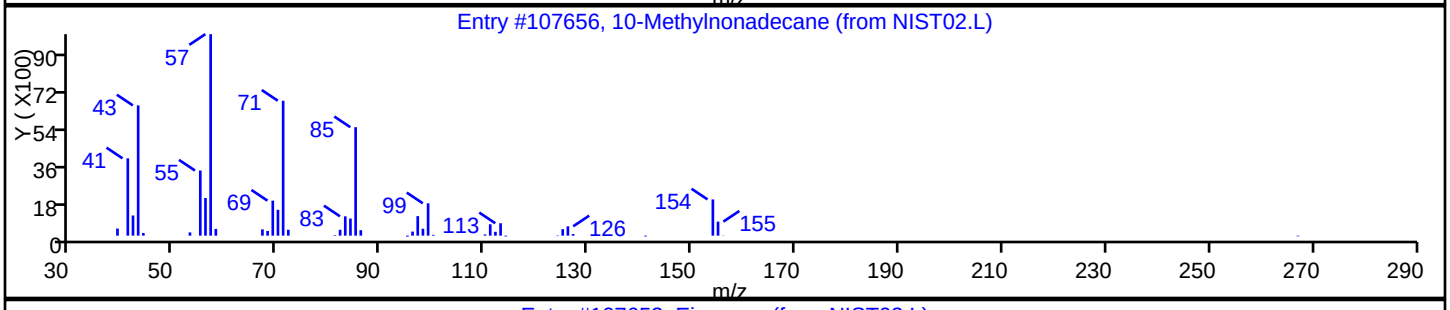
Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

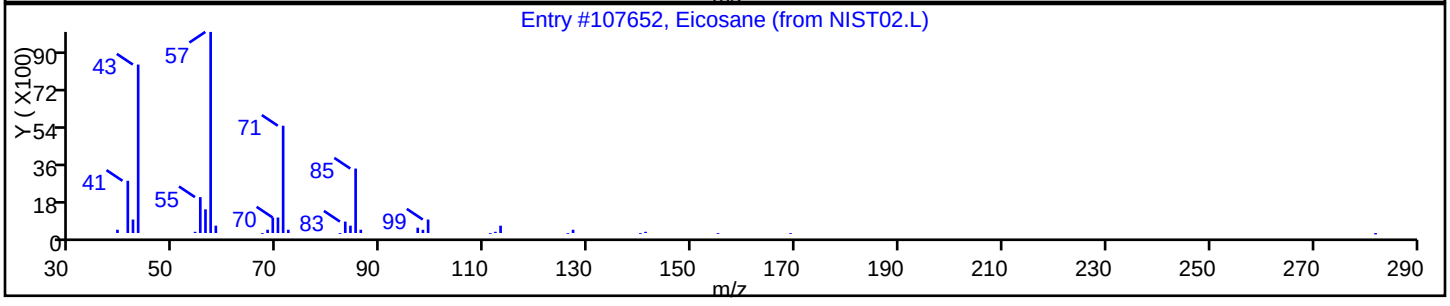
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	97
10-Methylnonadecane	56862-62-5	NIST02.L	107656	C20H42	282	91
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91







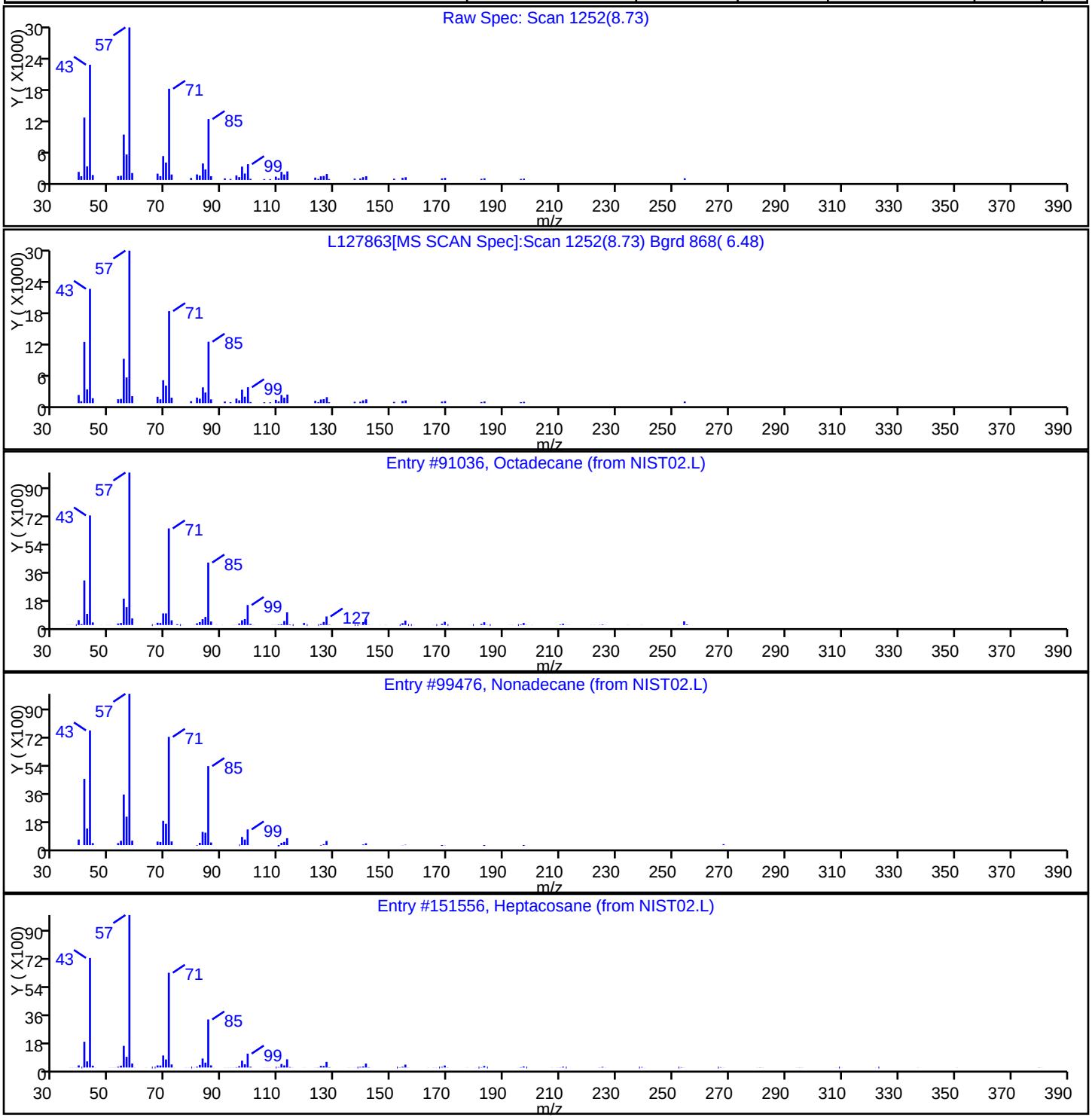




TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D
Injection Date: 10-Nov-2015 12:12:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-33-B Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Operator ID: BNA 12 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecane	593-45-3	NIST02.L	91036	C18H38	254	95
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	91
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91

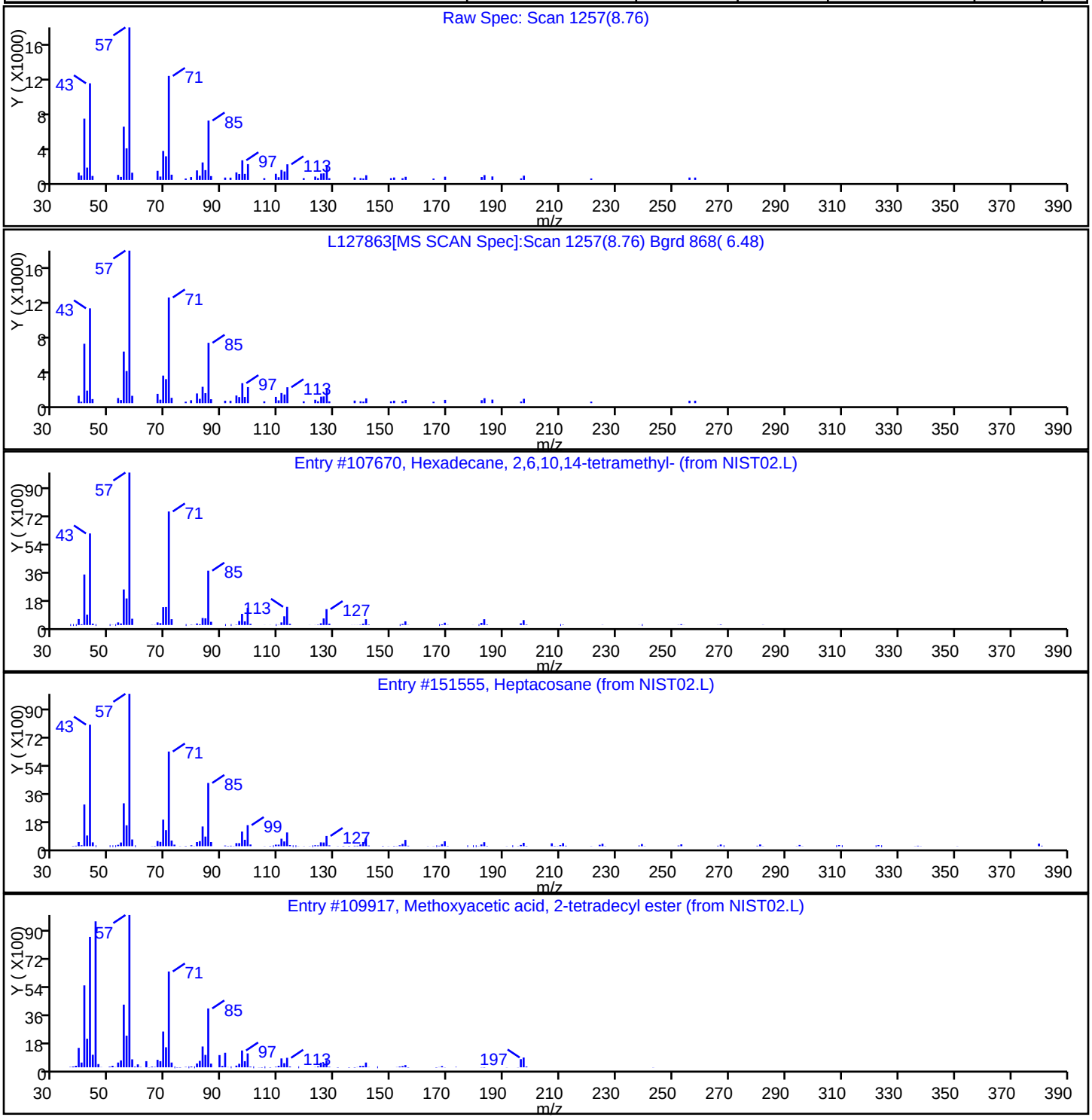


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D

Injection Date:	10-Nov-2015 12:12:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-33-B	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	BNA 12	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	91
Heptacosane	593-49-7	NIST02.L	151555	C27H56	380	87
Methoxyacetic acid, 2-tetradecyl ester	1000282-04-8	NIST02.L	109917	C17H34O3	286	86

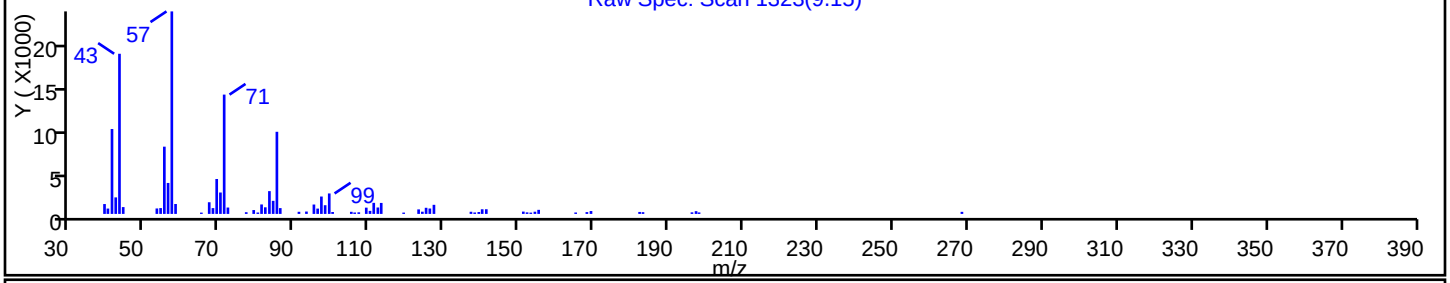


TestAmerica Edison

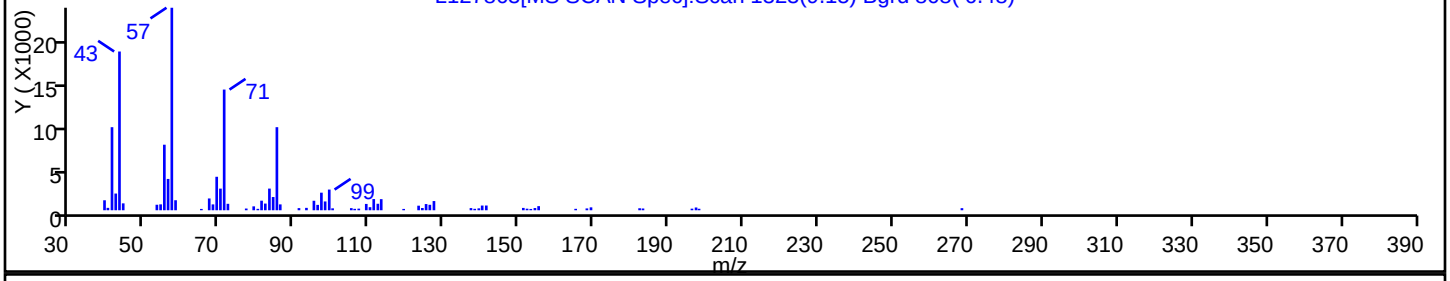
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127863.D
Injection Date: 10-Nov-2015 12:12:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-33-B Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Operator ID: BNA 12 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99476	C19H40	268	96
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	91

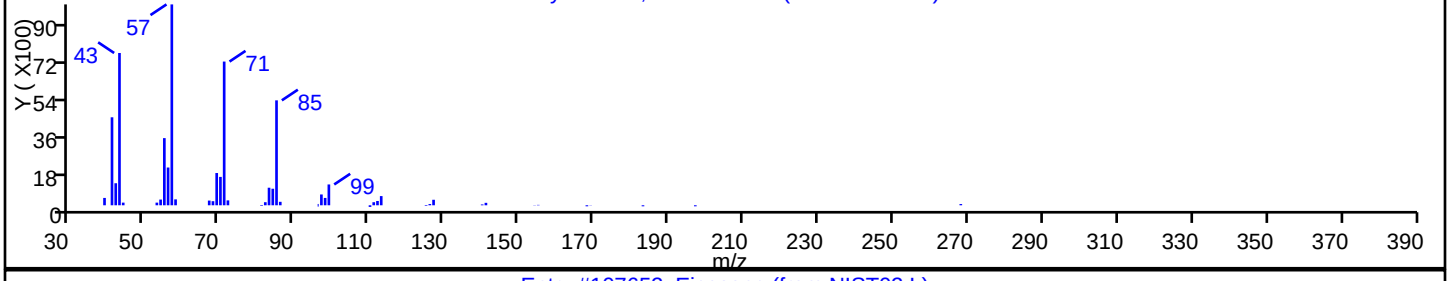
Raw Spec: Scan 1323(9.15)



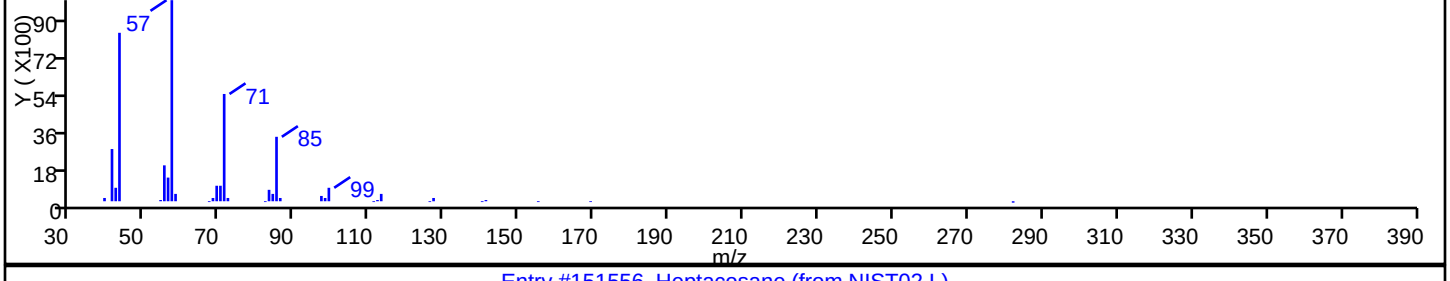
L127863[MS SCAN Spec]:Scan 1323(9.15) Bgrd 868(6.48)



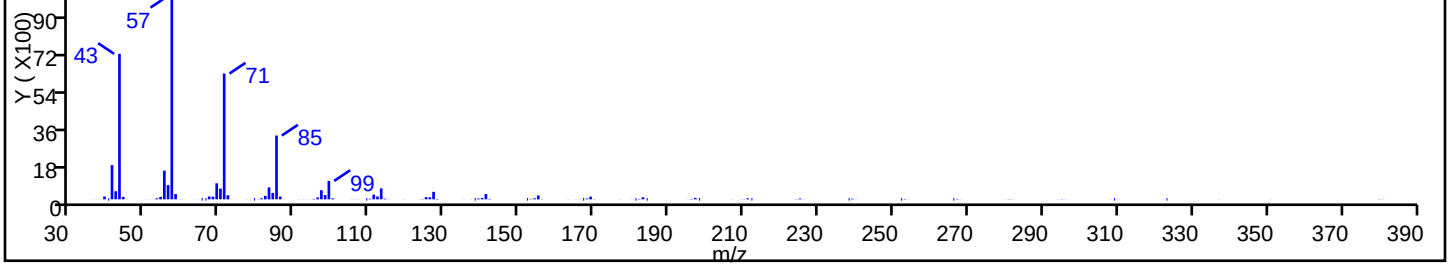
Entry #99476, Nonadecane (from NIST02.L)



Entry #107652, Eicosane (from NIST02.L)



Entry #151556, Heptacosane (from NIST02.L)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: L127864.D

Analysis Method: 8270D | Date Collected: 11/05/2015 10:28

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/10/2015 12:38

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	350	11
95-57-8	2-Chlorophenol	8.9	U	350	8.9
95-48-7	2-Methylphenol	15	U	350	15
106-44-5	4-Methylphenol	9.5	U	350	9.5
100-52-7	Benzaldehyde	27	U	350	27
98-86-2	Acetophenone	7.6	U	350	7.6
111-44-4	Bis(2-chloroethyl)ether	8.2	U	35	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	350	14
621-64-7	N-Nitrosodi-n-propylamine	12	U	35	12
98-95-3	Nitrobenzene	11	U	35	11
67-72-1	Hexachloroethane	13	U	35	13
78-59-1	Isophorone	7.5	U	140	7.5
88-75-5	2-Nitrophenol	12	U	350	12
105-67-9	2,4-Dimethylphenol	77	U	350	77
120-83-2	2,4-Dichlorophenol	8.2	U	140	8.2
111-91-1	Bis(2-chloroethoxy)methane	11	U	350	11
91-20-3	Naphthalene	8.9	U	350	8.9
106-47-8	4-Chloroaniline	9.0	U	350	9.0
87-68-3	Hexachlorobutadiene	9.8	U	71	9.8
105-60-2	Caprolactam	25	U	350	25
59-50-7	4-Chloro-3-methylphenol	15	U	350	15
91-57-6	2-Methylnaphthalene	7.7	U	350	7.7
118-74-1	Hexachlorobenzene	14	U	35	14
77-47-4	Hexachlorocyclopentadiene	22	U	350	22
88-06-2	2,4,6-Trichlorophenol	9.9	U	140	9.9
95-95-4	2,4,5-Trichlorophenol	35	U	350	35
92-52-4	Diphenyl	30	U	350	30
91-58-7	2-Chloronaphthalene	7.9	U	350	7.9
88-74-4	2-Nitroaniline	12	U	350	12
606-20-2	2,6-Dinitrotoluene	19	U	71	19
131-11-3	Dimethyl phthalate	10	U	350	10
208-96-8	Acenaphthylene	9.0	U	350	9.0
99-09-2	3-Nitroaniline	10	U	350	10
83-32-9	Acenaphthene	8.4	U	350	8.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: L127864.D

Analysis Method: 8270D | Date Collected: 11/05/2015 10:28

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/10/2015 12:38

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	170	U	710	170
51-28-5	2,4-Dinitrophenol	260	U	280	260
132-64-9	Dibenzofuran	11	U	350	11
84-66-2	Diethyl phthalate	9.9	U	350	9.9
86-73-7	Fluorene	7.6	U	350	7.6
206-44-0	Fluoranthene	10	U	350	10
84-74-2	Di-n-butyl phthalate	10	U	350	10
121-14-2	2,4-Dinitrotoluene	14	U	71	14
7005-72-3	4-Chlorophenyl phenyl ether	10	U	350	10
100-01-6	4-Nitroaniline	13	U	350	13
534-52-1	4,6-Dinitro-2-methylphenol	93	U	280	93
101-55-3	4-Bromophenyl phenyl ether	11	U	350	11
1912-24-9	Atrazine	16	U	140	16
120-12-7	Anthracene	33	U	350	33
86-74-8	Carbazole	8.7	U	350	8.7
85-01-8	Phenanthrene	9.3	U	350	9.3
87-86-5	Pentachlorophenol	42	U	280	42
129-00-0	Pyrene	16	U	350	16
218-01-9	Chrysene	9.5	U	350	9.5
207-08-9	Benzo[k]fluoranthene	15	U	35	15
191-24-2	Benzo[g,h,i]perylene	20	U	350	20
205-99-2	Benzo[b]fluoranthene	14	U	35	14
50-32-8	Benzo[a]pyrene	11	U	35	11
56-55-3	Benzo[a]anthracene	29	U	35	29
86-30-6	N-Nitrosodiphenylamine	32	U	350	32
85-68-7	Butyl benzyl phthalate	11	U	350	11
117-81-7	Bis(2-ethylhexyl) phthalate	14	U	350	14
117-84-0	Di-n-octyl phthalate	18	U	350	18
193-39-5	Indeno[1,2,3-cd]pyrene	23	U	35	23
53-70-3	Dibenz(a,h)anthracene	18	U	35	18
91-94-1	3,3'-Dichlorobenzidine	39	U	140	39
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	350	26
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	350	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: L127864.D

Analysis Method: 8270D | Date Collected: 11/05/2015 10:28

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/10/2015 12:38

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.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		28-92
4165-62-2	Phenol-d5	65		22-88
1718-51-0	Terphenyl-d14	82		16-114
118-79-6	2,4,6-Tribromophenol	51		10-95
367-12-4	2-Fluorophenol	65		21-84
321-60-8	2-Fluorobiphenyl	61		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: L127864.D

Analysis Method: 8270D | Date Collected: 11/05/2015 10:28

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0234(g) | Date Analyzed: 11/10/2015 12:38

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.: 334254 | Units: ug/Kg

Number TICs Found: 6 | TIC Result Total: 5060

CAS NO.	COMPOUND NAME	RT	RESULT	Q
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.77	500	J N
	Unknown	7.26	520	J
3892-00-0	Pentadecane, 2,6,10-trimethyl-	8.05	390	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.31	1900	J N
1560-92-5	Hexadecane, 2-methyl-	8.77	1300	J N
32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	9.45	450	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D
Lims ID: 460-104096-F-34-B Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:38:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-024
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 12:08:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.058	3.035	0.023	97	146134	32.6	
$ 6 Phenol-d5	99	3.970	3.982	-0.012	87	173575	32.7	
* 13 1,4-Dichlorobenzene-d4	152	4.317	4.317	0.000	96	149028	40.0	
$ 26 Nitrobenzene-d5	82	4.876	4.888	-0.012	90	152416	32.4	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	515078	40.0	
$ 50 2-Fluorobiphenyl	172	6.699	6.705	-0.006	98	286461	30.7	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	229741	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	94	33712	25.6	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	286493	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	178595	41.2	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	187803	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	97	189061	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D
Lims ID: 460-104096-F-34-B Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:38:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-024
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:32:01 Calib Date: 19-Oct-2015 20:41:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 12:08:11

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
6.770	191087	7.09	63	99	61716	C15H28	208	
		Unknown						
7.264	199899	7.42	63					
	3892-00-0	Pentadecane, 2,6,10-trimethyl-						
8.046	150351	5.58	63	91	91053	C18H38	254	
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.311	489564	26.6	85	98	99492	C19H40	268	
	1560-92-5	Hexadecane, 2-methyl-						
8.770	326922	17.8	85	93	82615	C17H36	240	
	32598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro-						
9.452	117824	6.40	85	97	111742	C12H6Cl4	290	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 63 Acenaphthene-d10	7.364	1077947	40.0
* 85 Phenanthrene-d10	8.829	735860	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

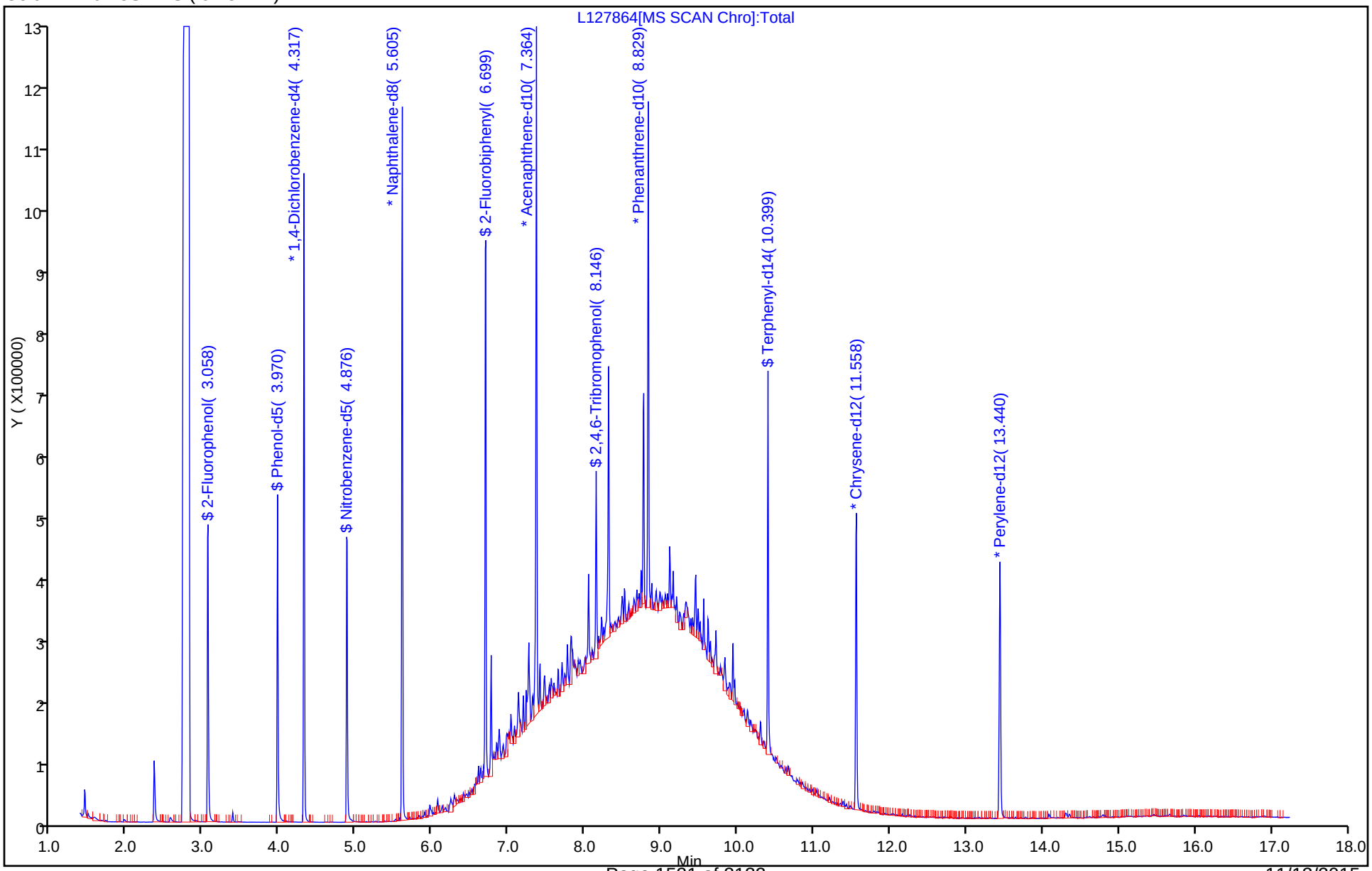
Report Date: 11-Nov-2015 12:08:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D

Injection Date:	10-Nov-2015 12:38:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	460-104096-F-34-B	Lab Sample ID:	460-104096-34	Worklist Smp#:	24
Client ID:	PRA-5 SE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

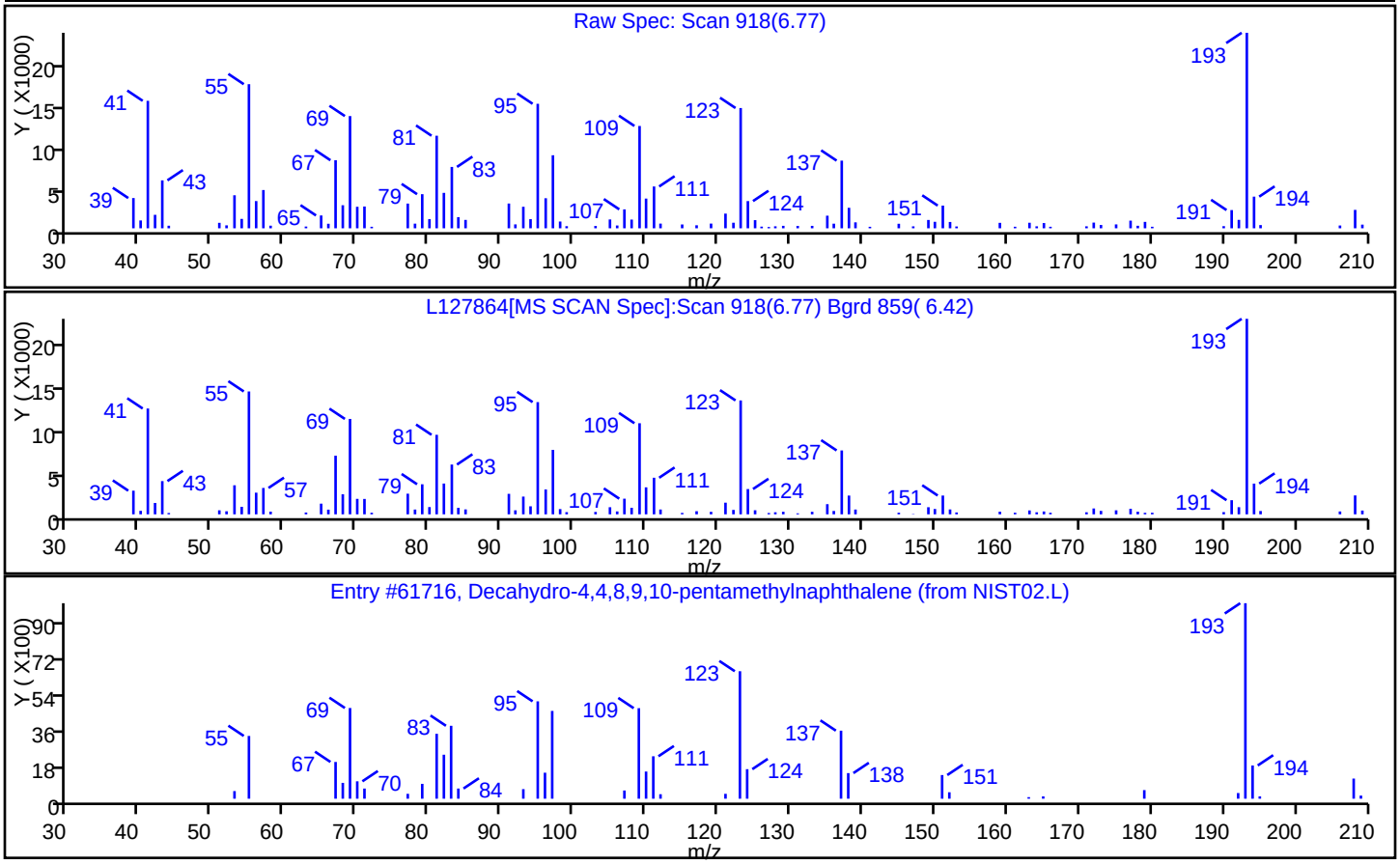


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D

Injection Date:	10-Nov-2015 12:38:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-34-B	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	99



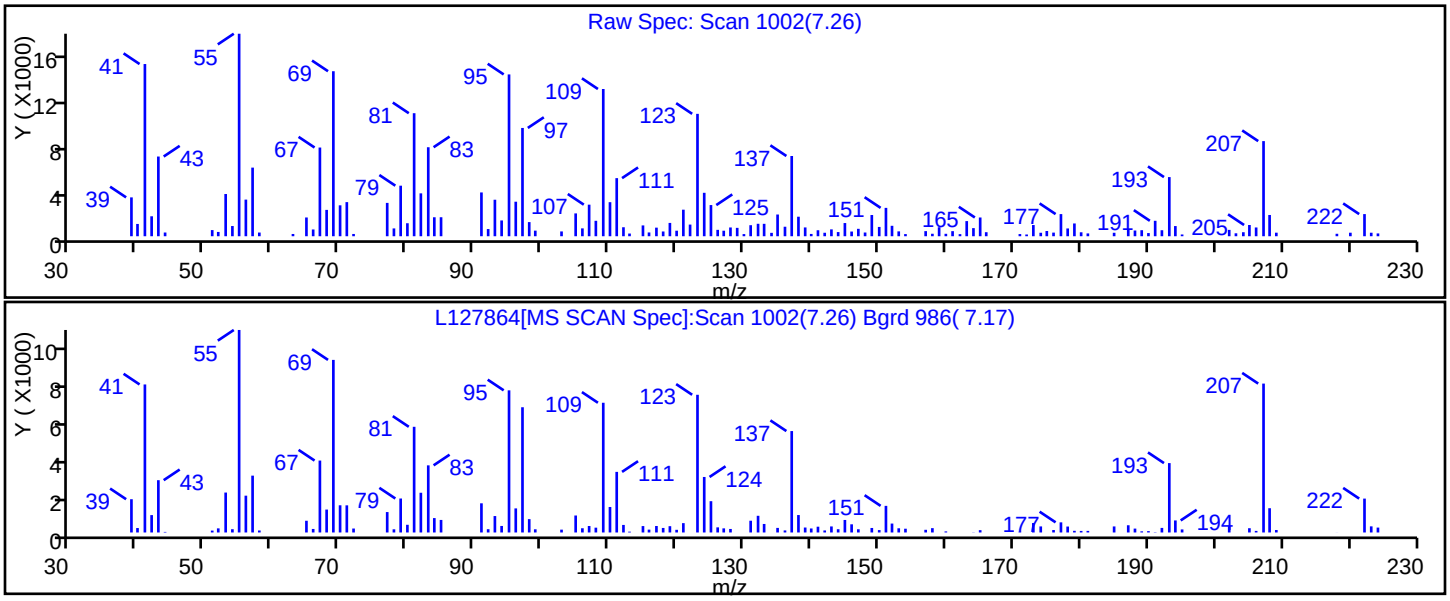
Report Date: 11-Nov-2015 12:08:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D

Injection Date:	10-Nov-2015 12:38:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-34-B	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



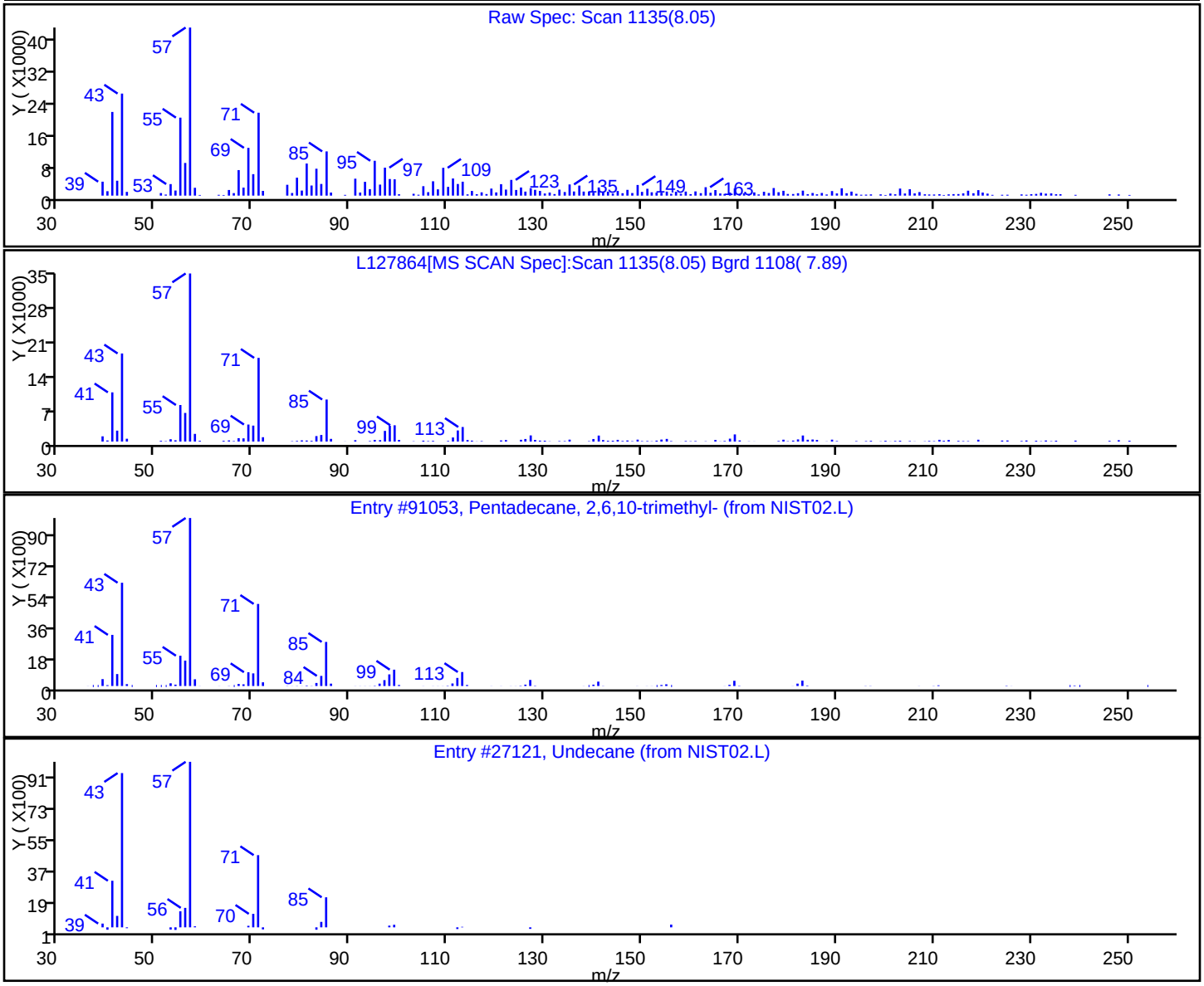
Report Date: 11-Nov-2015 12:08:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D

Injection Date:	10-Nov-2015 12:38:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-34-B	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

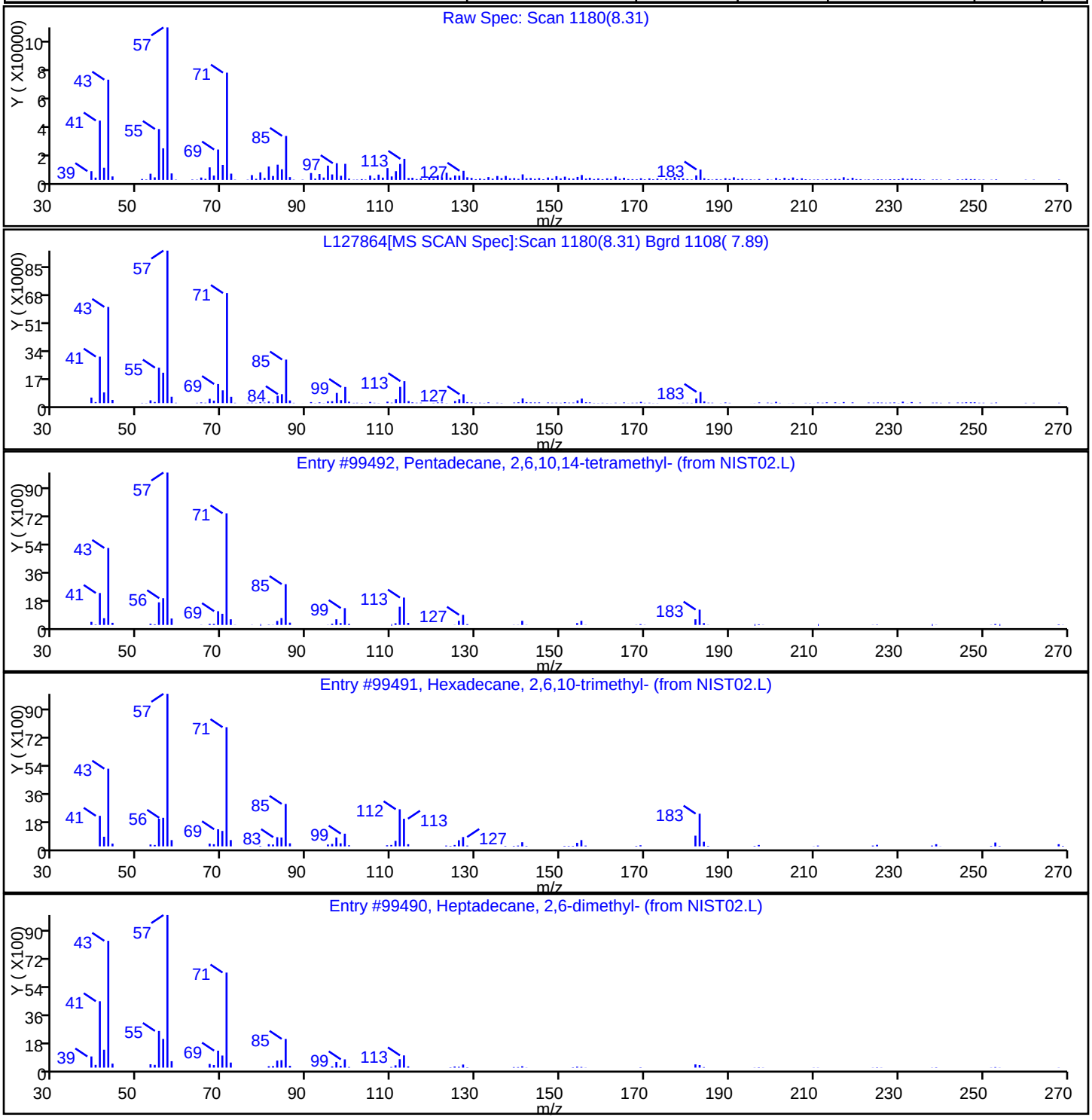
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	91
Undecane	1120-21-4	NIST02.L	27121	C11H24	156	80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D
Injection Date: 10-Nov-2015 12:38:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-34-B Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	98
Hexadecane, 2,6,10-trimethyl-	55000-52-7	NIST02.L	99491	C19H40	268	93
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.L	99490	C19H40	268	91

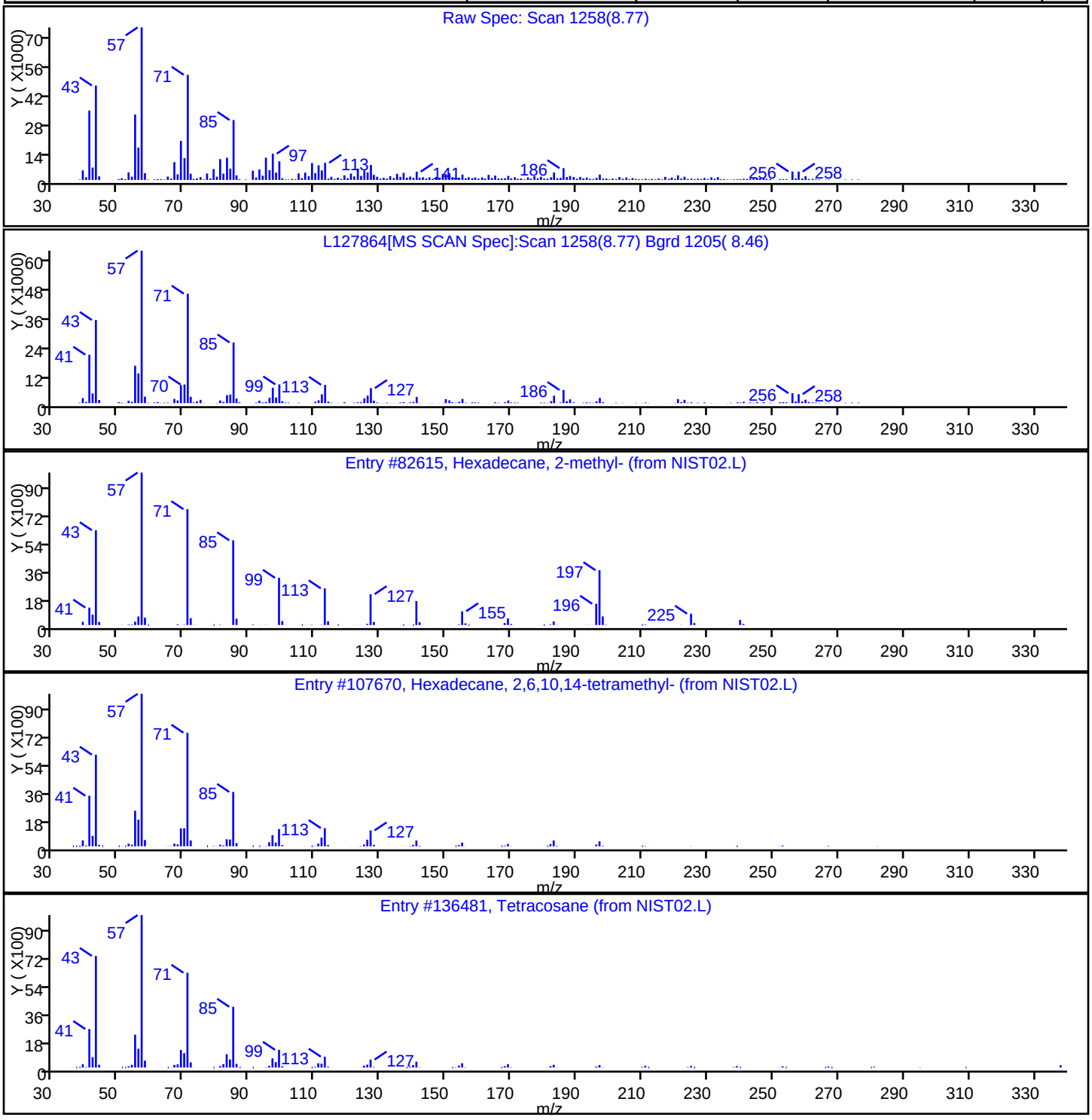


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D

Injection Date:	10-Nov-2015 12:38:30	Instrument ID:	CBNAMS12		
Lims ID:	460-104096-F-34-B	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	BNA 12	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

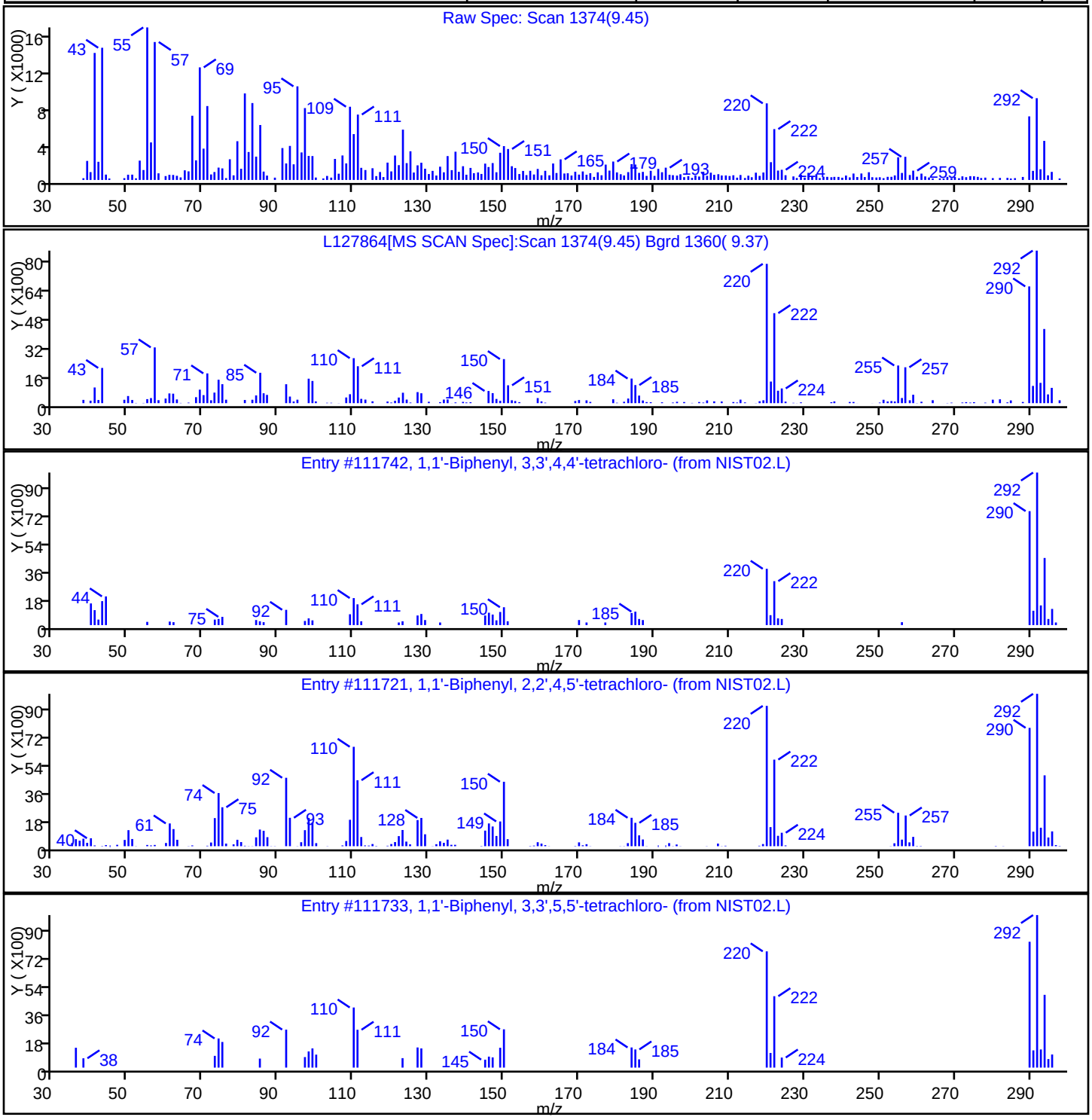
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2-methyl-	1560-92-5	NIST02.L	82615	C17H36	240	93
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	83



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127864.D
Injection Date: 10-Nov-2015 12:38:30 Instrument ID: CBNAMS12
Lims ID: 460-104096-F-34-B Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Operator ID: BNA 12 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,1'-Biphenyl, 3,3',4,4'-tetrachloro-	32598-13-3	NIST02.L	111742	C12H6Cl4	290	97
1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	41464-40-8	NIST02.L	111721	C12H6Cl4	290	96
1,1'-Biphenyl, 3,3',5,5'-tetrachloro-	33284-52-5	NIST02.L	111733	C12H6Cl4	290	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: z38463.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0347(g) | Date Analyzed: 11/10/2015 12:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	57	U F1	1700	57
95-57-8	2-Chlorophenol	44	U F1	1700	44
95-48-7	2-Methylphenol	75	U	1700	75
106-44-5	4-Methylphenol	47	U	1700	47
100-52-7	Benzaldehyde	130	U F1	1700	130
98-86-2	Acetophenone	38	U	1700	38
111-44-4	Bis(2-chloroethyl)ether	41	U F1	170	41
108-60-1	2,2'-oxybis[1-chloropropane]	71	U	1700	71
621-64-7	N-Nitrosodi-n-propylamine	58	U	170	58
98-95-3	Nitrobenzene	54	U F1	170	54
67-72-1	Hexachloroethane	63	U F1	170	63
78-59-1	Isophorone	37	U	700	37
88-75-5	2-Nitrophenol	58	U F1	1700	58
105-67-9	2,4-Dimethylphenol	380	U F1	1700	380
120-83-2	2,4-Dichlorophenol	41	U F1	700	41
111-91-1	Bis(2-chloroethoxy)methane	54	U	1700	54
91-20-3	Naphthalene	44	U F1	1700	44
106-47-8	4-Chloroaniline	44	U	1700	44
87-68-3	Hexachlorobutadiene	49	U F1	350	49
105-60-2	Caprolactam	120	U F1	1700	120
59-50-7	4-Chloro-3-methylphenol	74	U F1	1700	74
91-57-6	2-Methylnaphthalene	270	J F1	1700	38
118-74-1	Hexachlorobenzene	70	U F1	170	70
77-47-4	Hexachlorocyclopentadiene	110	U F1	1700	110
88-06-2	2,4,6-Trichlorophenol	49	U F1	700	49
95-95-4	2,4,5-Trichlorophenol	170	U F1	1700	170
92-52-4	Diphenyl	150	U	1700	150
91-58-7	2-Chloronaphthalene	39	U F1	1700	39
88-74-4	2-Nitroaniline	57	U	1700	57
606-20-2	2,6-Dinitrotoluene	92	U	350	92
131-11-3	Dimethyl phthalate	50	U	1700	50
208-96-8	Acenaphthylene	44	U	1700	44
99-09-2	3-Nitroaniline	51	U	1700	51
83-32-9	Acenaphthene	42	U	1700	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: z38463.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0347(g) | Date Analyzed: 11/10/2015 12:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	830	U	3500	830
51-28-5	2,4-Dinitrophenol	1300	U F1 F2	1400	1300
132-64-9	Dibenzofuran	52	U F1	1700	52
84-66-2	Diethyl phthalate	49	U	1700	49
86-73-7	Fluorene	38	U F1	1700	38
206-44-0	Fluoranthene	51	U F1	1700	51
84-74-2	Di-n-butyl phthalate	52	U	1700	52
121-14-2	2,4-Dinitrotoluene	69	U	350	69
7005-72-3	4-Chlorophenyl phenyl ether	52	U F1	1700	52
100-01-6	4-Nitroaniline	65	U	1700	65
534-52-1	4,6-Dinitro-2-methylphenol	460	U F1	1400	460
101-55-3	4-Bromophenyl phenyl ether	54	U F1	1700	54
1912-24-9	Atrazine	77	U	700	77
120-12-7	Anthracene	160	U F1	1700	160
86-74-8	Carbazole	43	U	1700	43
85-01-8	Phenanthrene	200	J F1	1700	46
87-86-5	Pentachlorophenol	210	U F1	1400	210
129-00-0	Pyrene	78	U	1700	78
218-01-9	Chrysene	47	U F1	1700	47
207-08-9	Benzo[k]fluoranthene	75	U F1	170	75
191-24-2	Benzo[g,h,i]perylene	99	U	1700	99
205-99-2	Benzo[b]fluoranthene	67	U F1	170	67
50-32-8	Benzo[a]pyrene	52	U F1	170	52
56-55-3	Benzo[a]anthracene	140	U F1	170	140
86-30-6	N-Nitrosodiphenylamine	160	U	1700	160
85-68-7	Butyl benzyl phthalate	53	U	1700	53
117-81-7	Bis(2-ethylhexyl) phthalate	67	U	1700	67
117-84-0	Di-n-octyl phthalate	88	U F1	1700	88
193-39-5	Indeno[1,2,3-cd]pyrene	120	U	170	120
53-70-3	Dibenz(a,h)anthracene	90	U	170	90
91-94-1	3,3'-Dichlorobenzidine	190	U	700	190
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U F1	1700	130
58-90-2	2,3,4,6-Tetrachlorophenol	160	U F1	1700	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: z38463.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0347(g) | Date Analyzed: 11/10/2015 12:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		28-92
4165-62-2	Phenol-d5	58		22-88
1718-51-0	Terphenyl-d14	59		16-114
118-79-6	2,4,6-Tribromophenol	44		10-95
367-12-4	2-Fluorophenol	58		21-84
321-60-8	2-Fluorobiphenyl	66		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: z38463.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0347(g) | Date Analyzed: 11/10/2015 12:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

Number TICs Found: 19 | TIC Result Total: 431450

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	5.91	9400	J
629-50-5	Tridecane	6.09	20000	J N
90-12-0	1-Methylnaphthalene	6.26	350	J F1
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	6.62	1500	J N
629-59-4	Tetradecane	6.66	8500	J N
575-41-7	1,3-Dimethylnaphthalene	6.87	2500	F1
	Unknown	6.93	1600	J
	Unknown alkane	6.99	7600	J
	Unknown	7.13	1600	J
	Unknown	7.45	1500	J
	Unknown	7.50	3100	J
544-76-3	Hexadecane	7.70	11000	J N
	Unknown	7.90	5800	J
629-78-7	Heptadecane	8.17	140000	J N
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	8.18	63000	J N
593-45-3	n-Octadecane	8.60	56000	E
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	8.63	34000	J N
629-92-5	Nonadecane	9.01	47000	J N
112-95-8	Eicosane	9.41	17000	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:04:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-014
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 10:59:41 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 10:59:41

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.885	2.873	0.012	92	26809	5.79	
$ 6 Phenol-d5	99	3.791	3.808	-0.017	86	32990	5.75	
* 14 1,4-Dichlorobenzene-d4	152	4.155	4.149	0.006	96	142755	40.0	
$ 26 Nitrobenzene-d5	82	4.708	4.720	-0.012	92	27875	6.33	
* 38 Naphthalene-d8	136	5.443	5.438	0.005	99	480741	40.0	
44 2-Methylnaphthalene	142	6.167	6.167	0.000	87	6451	0.7830	
45 1-Methylnaphthalene	142	6.261	6.267	-0.006	92	7080	1.00	
$ 51 2-Fluorobiphenyl	172	6.537	6.575	-0.006	98	46479	6.58	
56 Benzidine_T	184	6.849	6.751	0.098	51	215	NC	
57 1,3-Dimethylnaphthalene	156	6.873	6.879	-0.006	97	36109	7.28	
61 1-Naphthylamine	143	7.237	7.151	0.086	71	26756	NC	
62 2-Naphthylamine	143	7.255	7.151	0.104	89	8718	NC	
* 65 Acenaphthene-d10	164	7.214	7.202	0.012	91	171166	40.0	
$ 80 2,4,6-Tribromophenol	330	7.996	7.996	0.000	12	3408	4.36	
86 n-Octadecane	57	8.602	8.596	0.006	90	832768	161.6	E
* 87 Phenanthrene-d10	188	8.679	8.678	0.001	99	202348	40.0	
88 Phenanthrene	178	8.702	8.708	-0.006	95	3341	0.5607	
$ 96 Terphenyl-d14	244	10.255	10.267	-0.012	99	21100	5.87	
* 102 Chrysene-d12	240	11.420	11.431	-0.011	99	116855	40.0	
* 109 Perylene-d12	264	13.319	13.337	-0.018	98	107165	40.0	
126 4,4'-DDD	235	7.414	7.404	0.010	53	36	NR	7
127 4,4'-DDT	235	7.832	7.757	0.075	62	93	NR	7

QC Flag Legend

Processing Flags

NR - Missing Quant Standard
NC - Not Calibrated
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 12:04:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034028-014
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 10:59:41 Calib Date: 02-Nov-2015 21:11:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 10:59:41

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
5.908	723557	26.9	38					
	629-50-5	Tridecane						
6.085	1576532	58.6	38	96	45541	C13H28	184	
	80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal						
6.620	721783	4.27	65	91	61716	C15H28	208	
	629-59-4	Tetradecane						
6.661	4098609	24.2	65	97	55008	C14H30	198	
		Unknown						
6.926	790224	4.67	65	0	0		0	
		Unknown alkane						
6.985	3679575	21.8	65	0	0		0	
		Unknown						
7.132	764447	4.52	65					
		Unknown						
7.449	706462	4.18	65					
		Unknown						
7.502	1513159	8.95	65					
	544-76-3	Hexadecane						
7.696	5548160	32.8	65	97	73966	C16H34	226	
		Unknown						
7.902	2807276	16.6	65					
	629-78-7	Heptadecane						
8.167	6262364	391.8	87	97	82608	C17H36	240	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-						
8.179	2907077	181.9	87	95	99492	C19H40	268	
	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-						
8.626	1545675	96.7	87	96	107670	C20H42	282	
	629-92-5	Nonadecane						
9.014	2132408	133.4	87	94	99475	C19H40	268	
	112-95-8	Eicosane						
9.408	772940	48.4	87	98	107652	C20H42	282	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 38 Naphthalene-d8	5.443	1075438	40.0
* 65 Acenaphthene-d10	7.196	6763140	40.0
* 87 Phenanthrene-d10	8.679	639265	40.0

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

NC - Not Calibrated

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

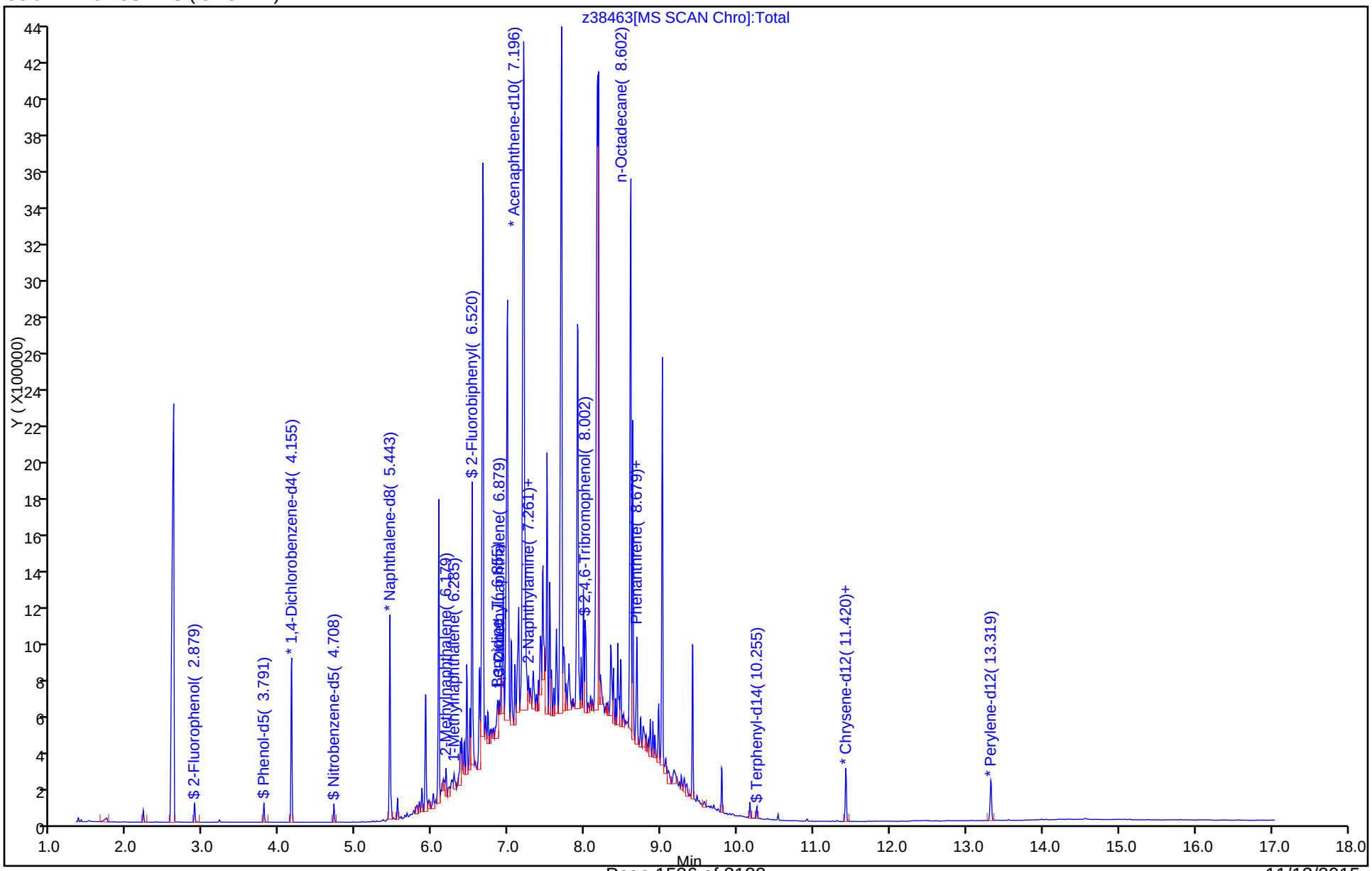
Report Date: 11-Nov-2015 10:59:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35	Worklist Smp#:	14
Client ID:	PRA-2 NW-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	14
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

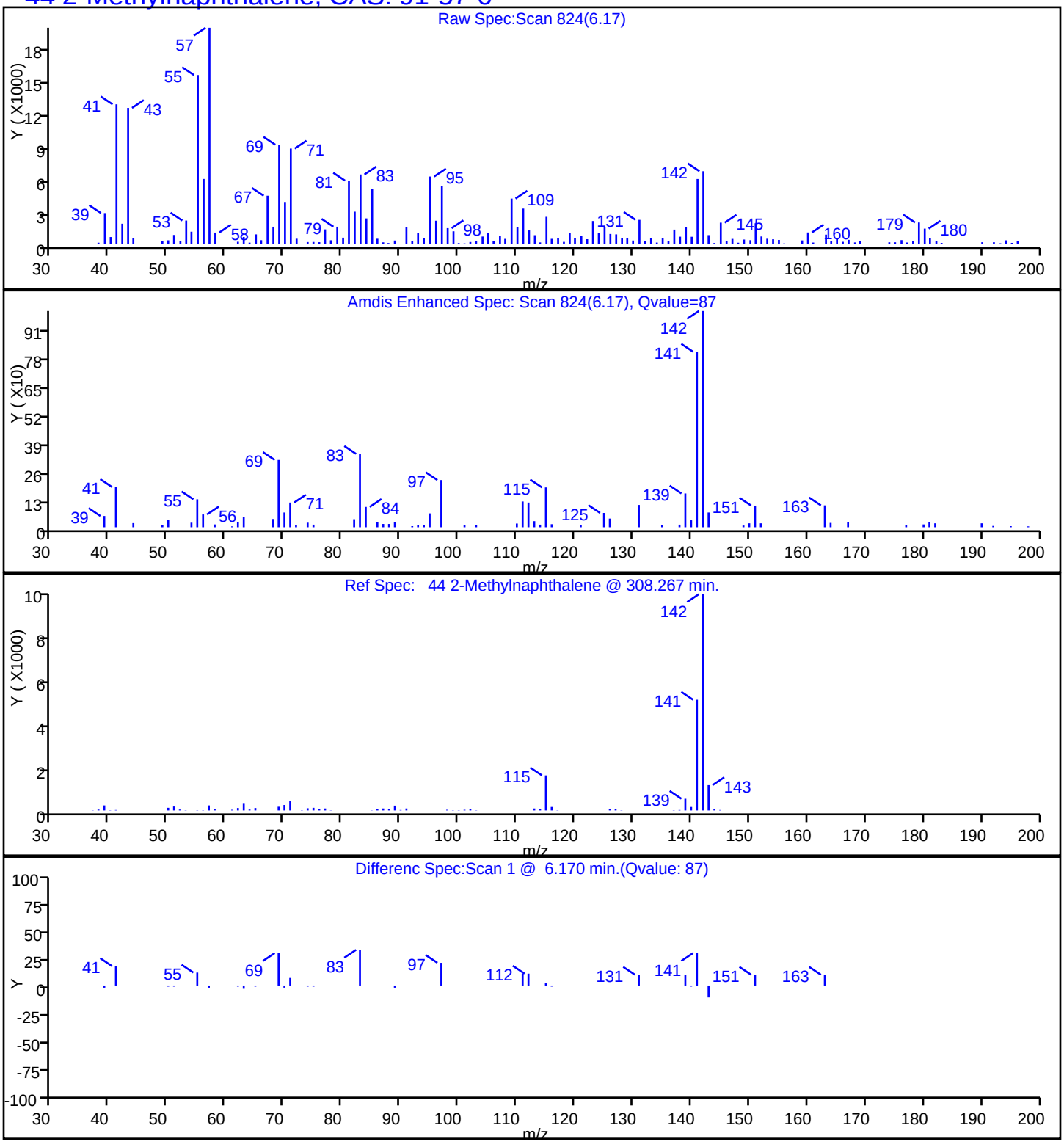
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

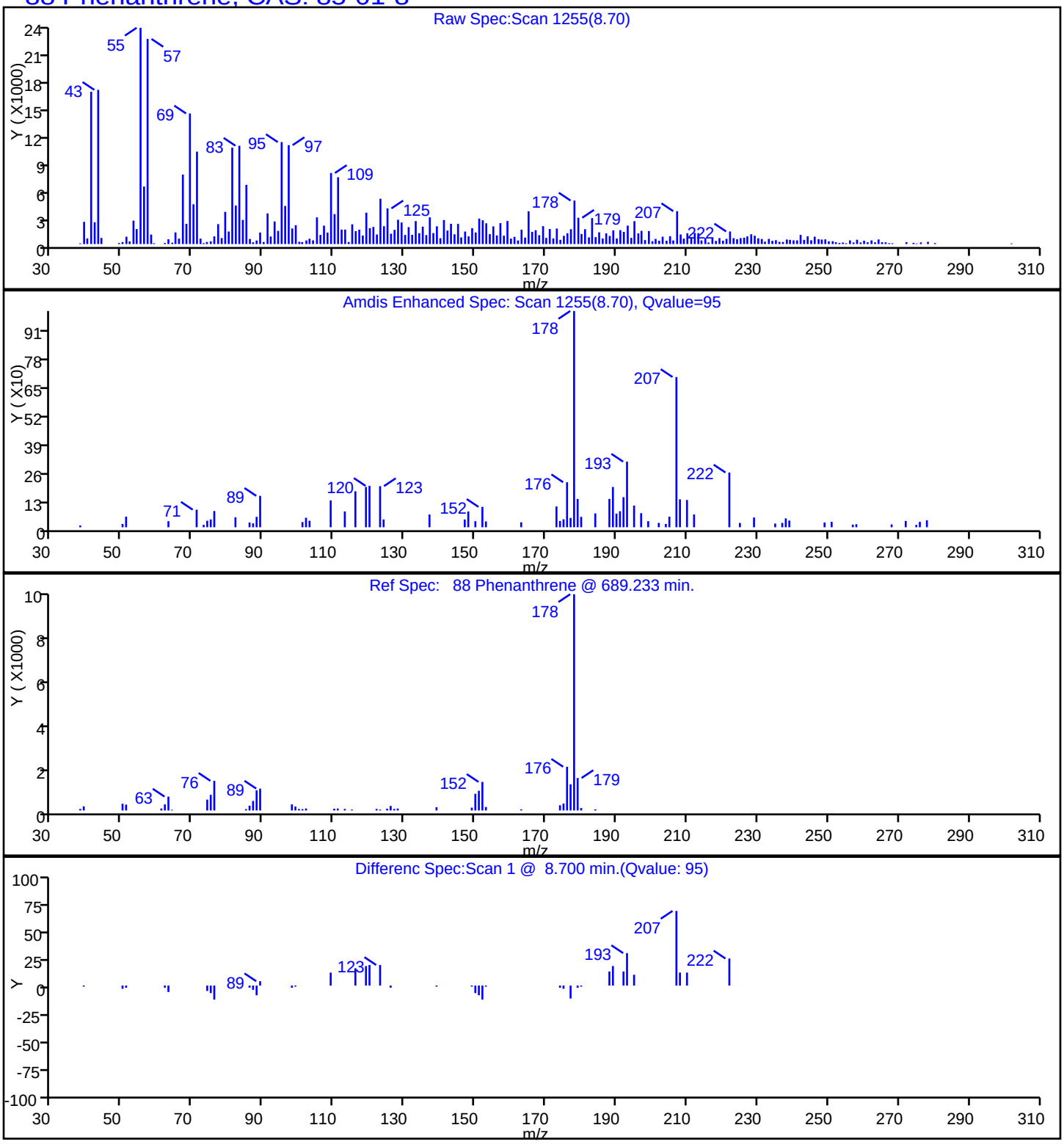
44 2-Methylnaphthalene, CAS: 91-57-6



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

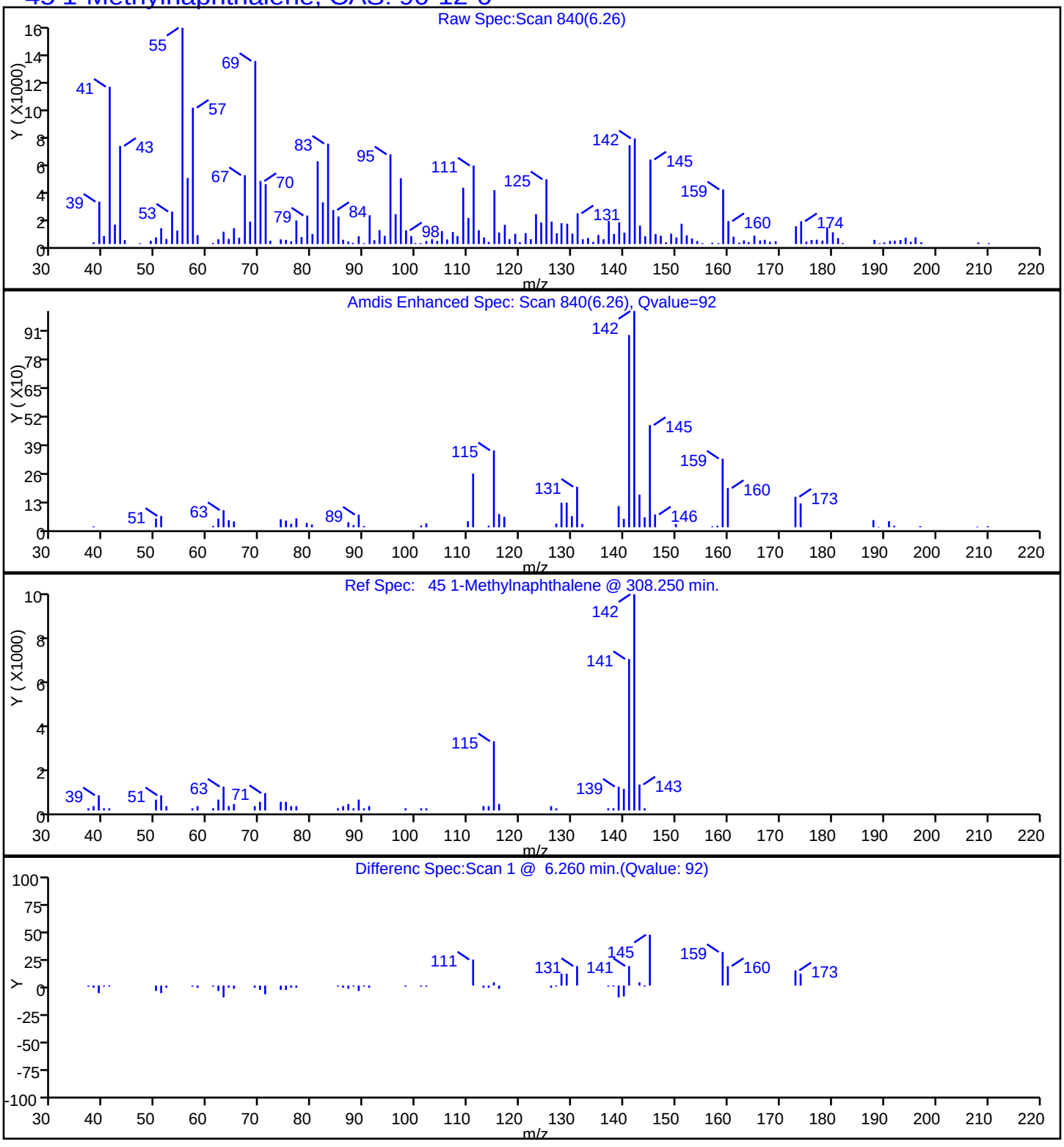
88 Phenanthrene, CAS: 85-01-8



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

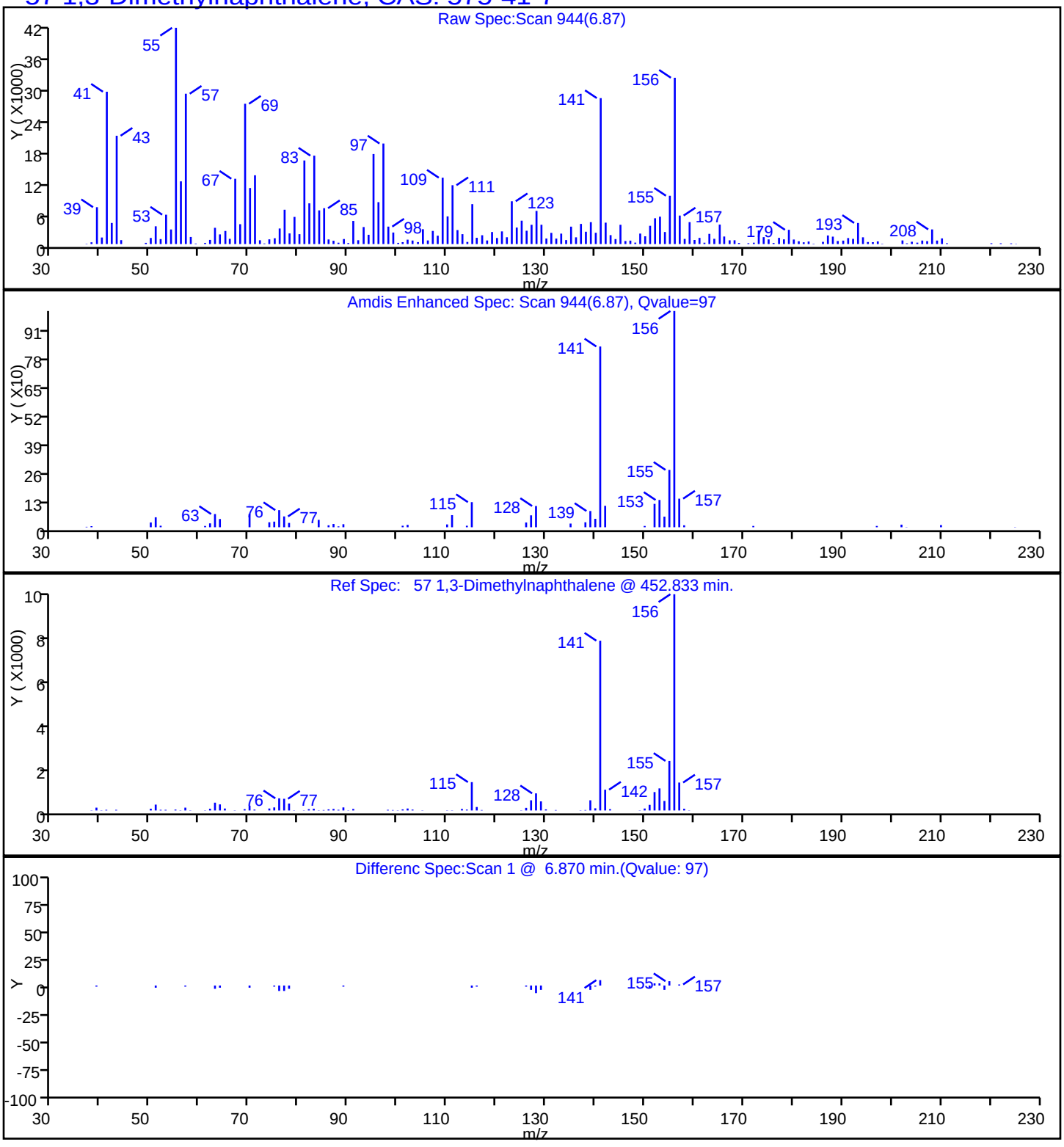
45 1-Methylnaphthalene, CAS: 90-12-0



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

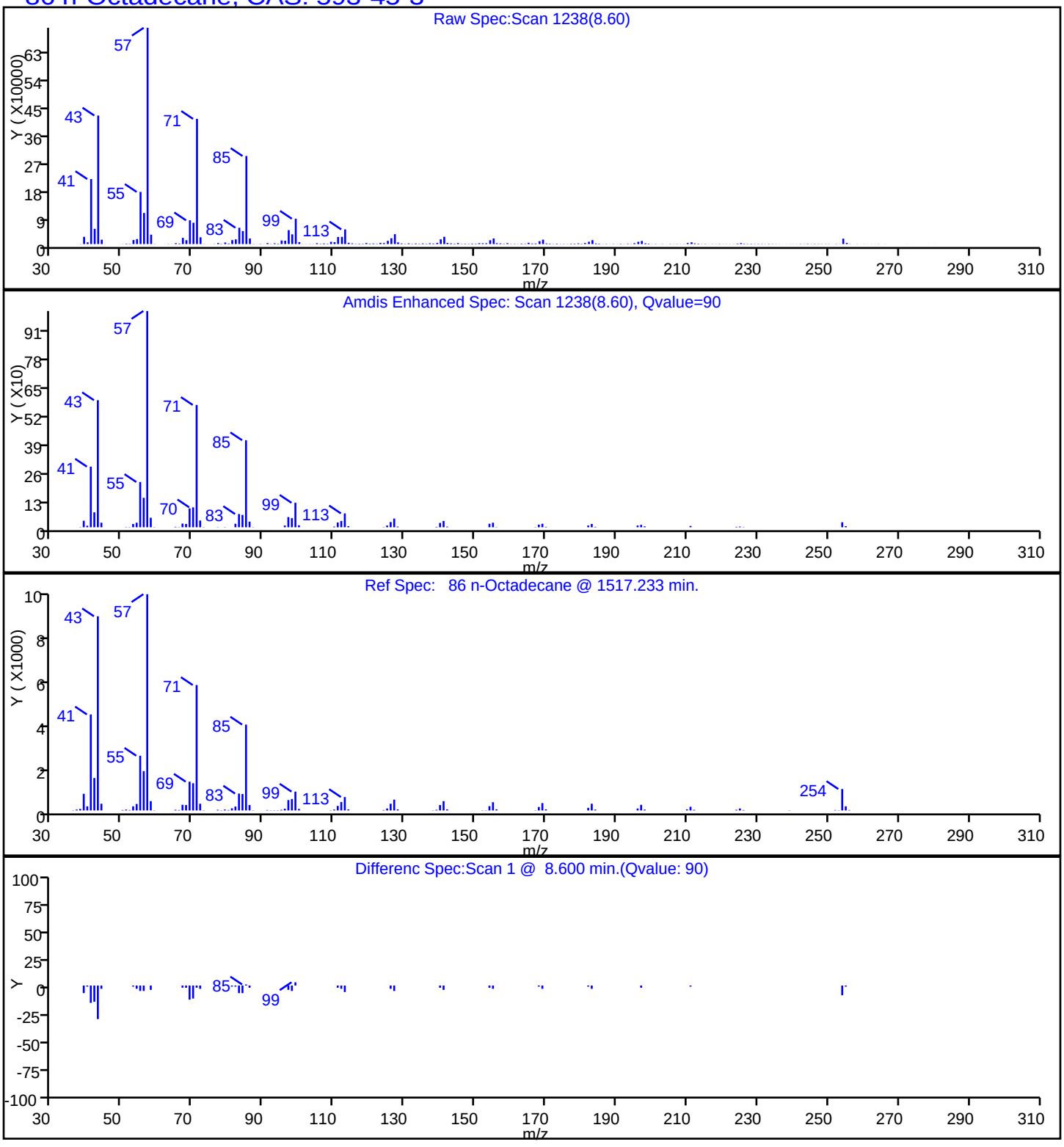
57 1,3-Dimethylnaphthalene, CAS: 575-41-7



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

86 n-Octadecane, CAS: 593-45-3

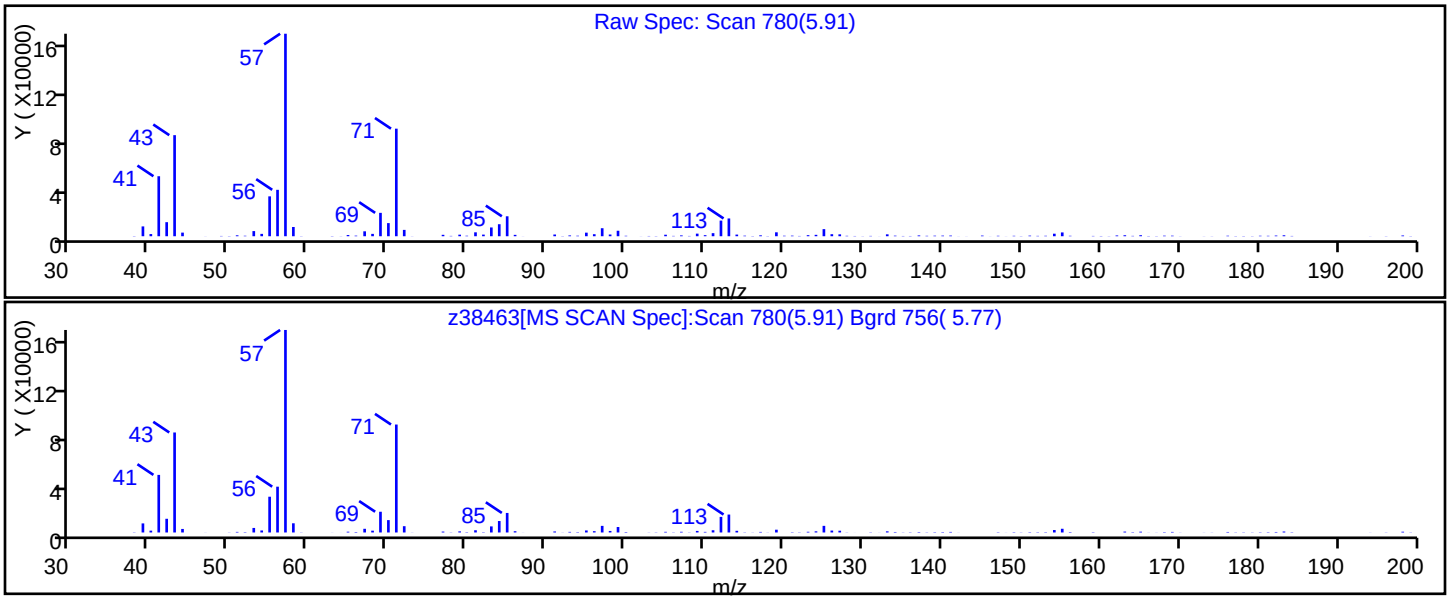


Report Date: 11-Nov-2015 10:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

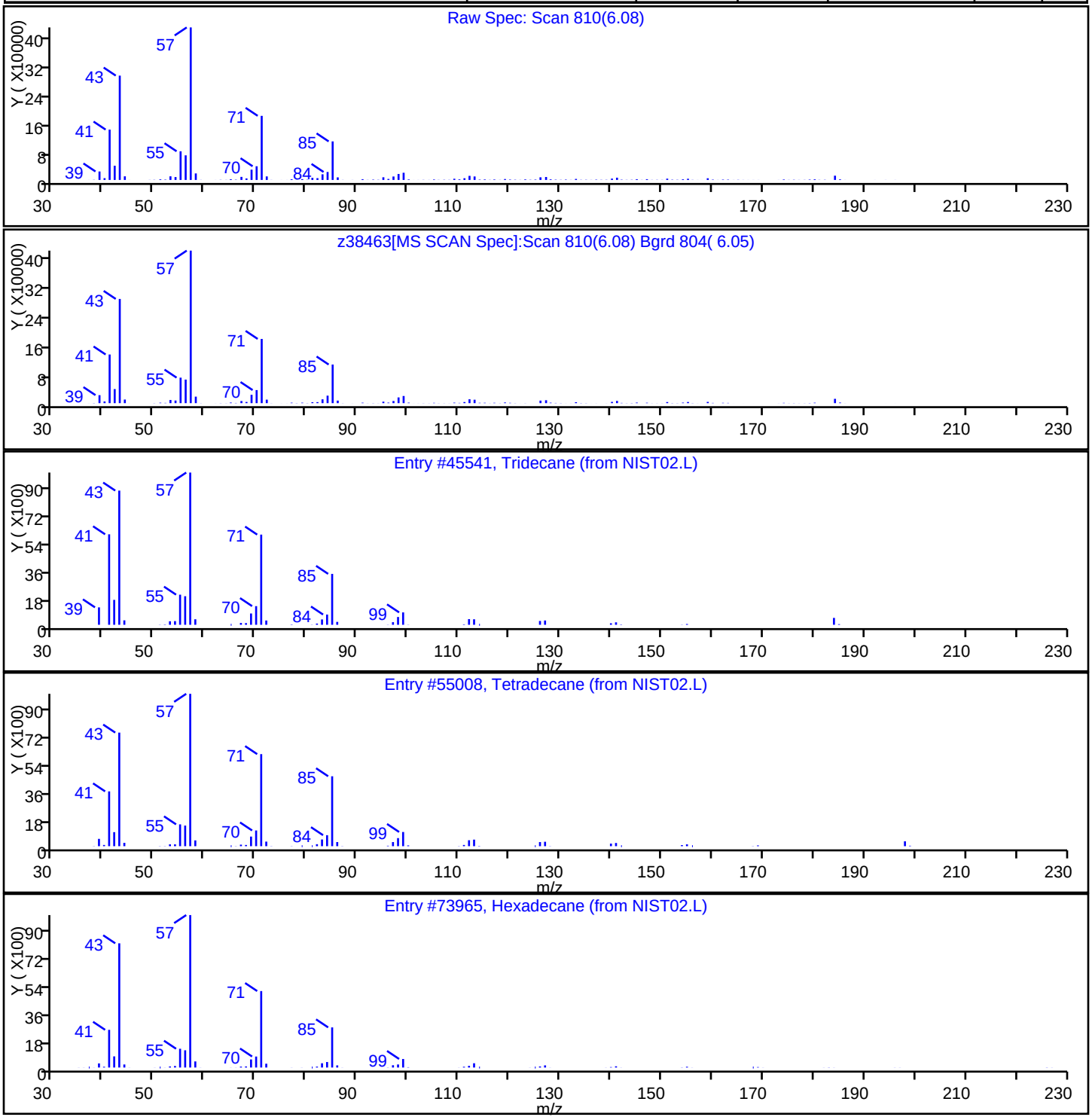
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tridecane	629-50-5	NIST02.L	45541	C13H28	184	96
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	90
Hexadecane	544-76-3	NIST02.L	73965	C16H34	226	87

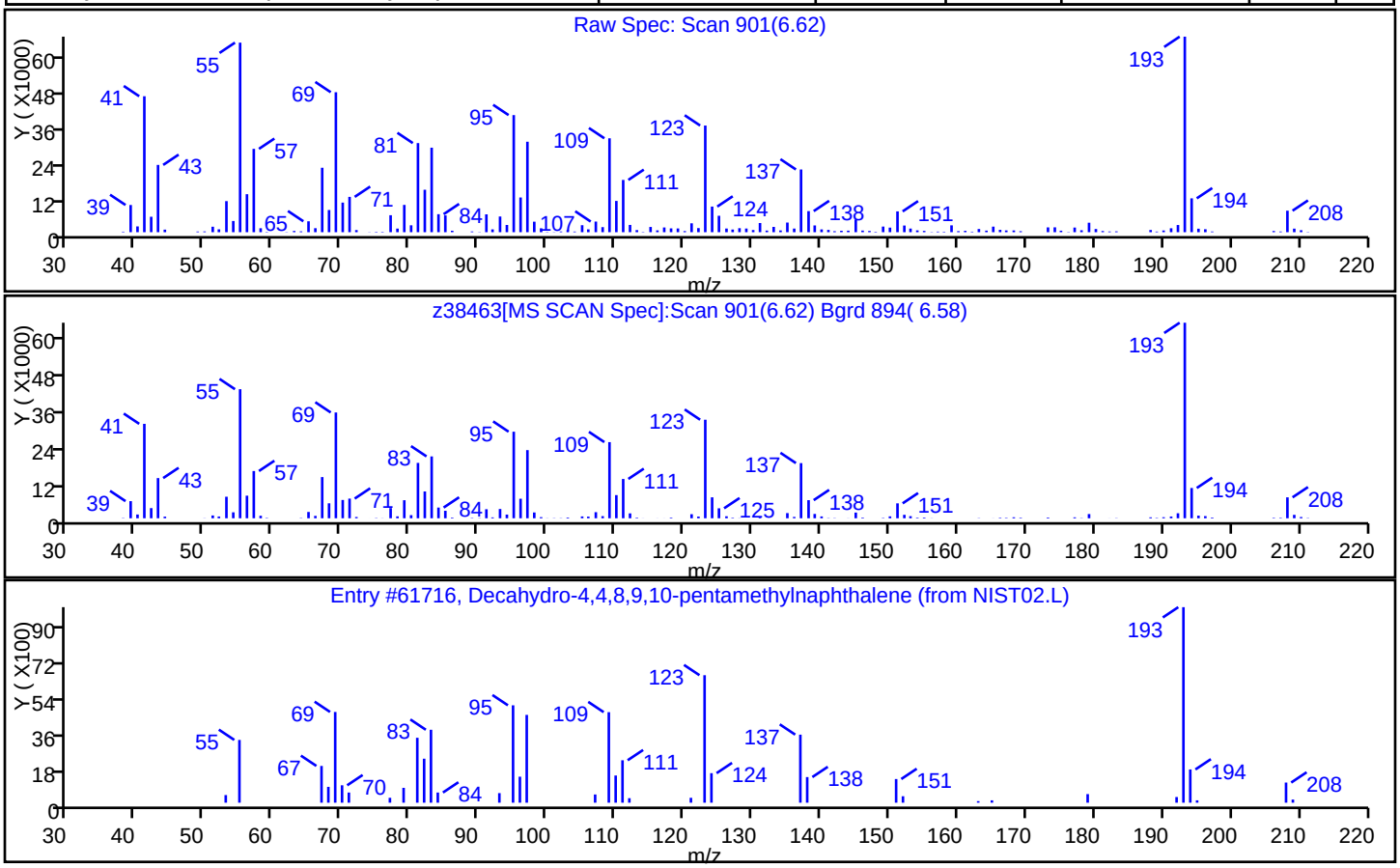


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	91



Report Date: 11-Nov-2015 10:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35

Client ID: PRA-2 NW-3.75

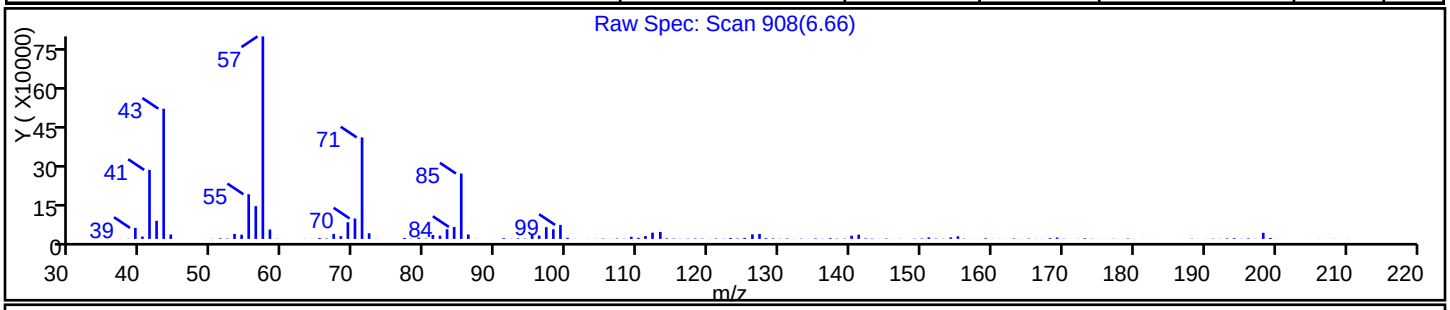
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

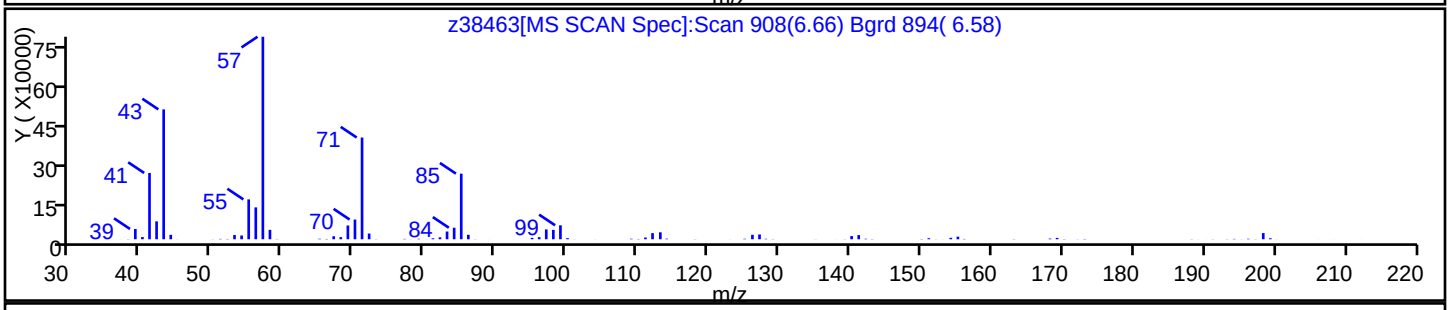
Injection Vol: 1.0 ul Dil. Factor: 5.0000

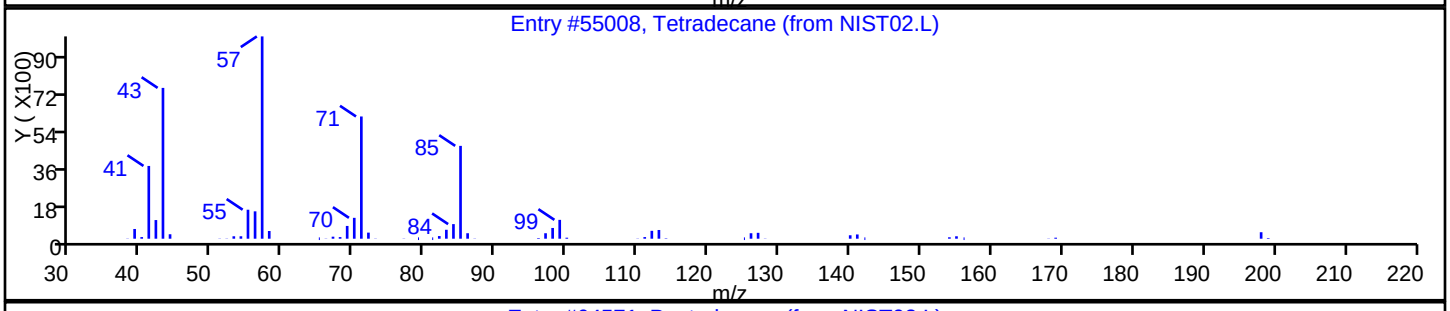
Method: 8270_11R_9 Limit Group: SV 8270D ICAL

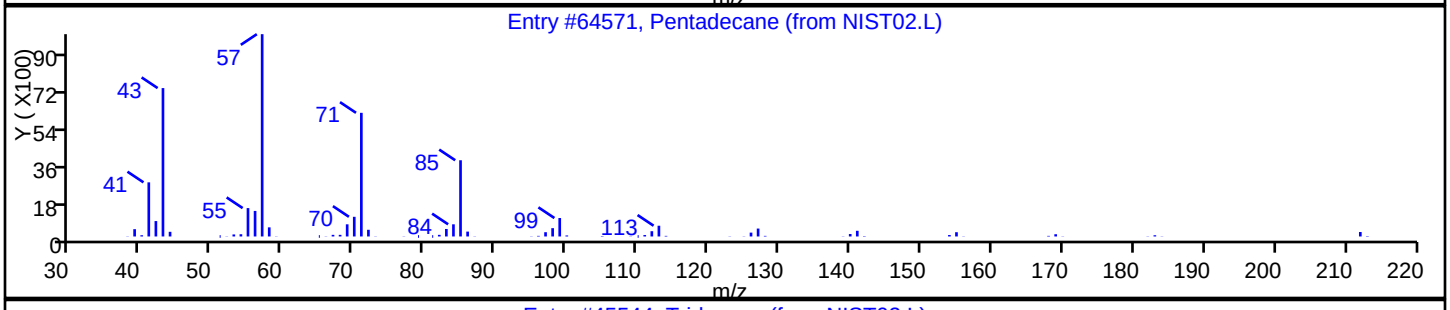
Column: Detector MS SCAN

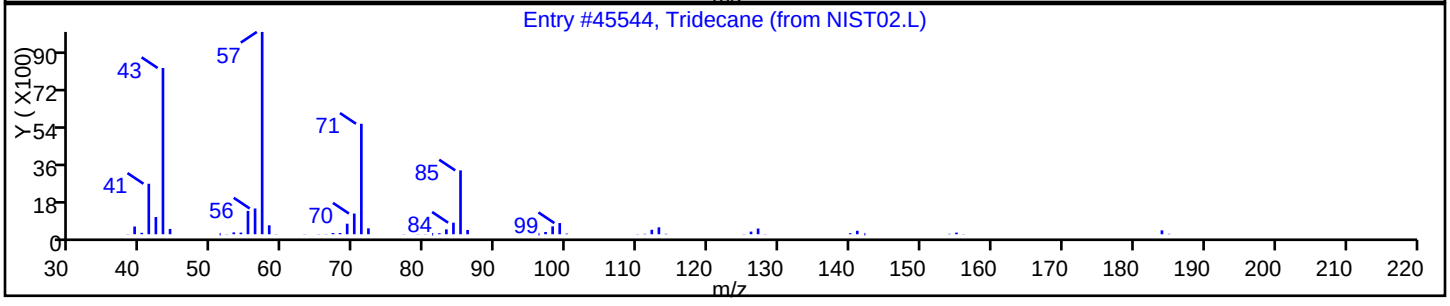
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetradecane	629-59-4	NIST02.L	55008	C14H30	198	97
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	90
Tridecane	629-50-5	NIST02.L	45544	C13H28	184	90











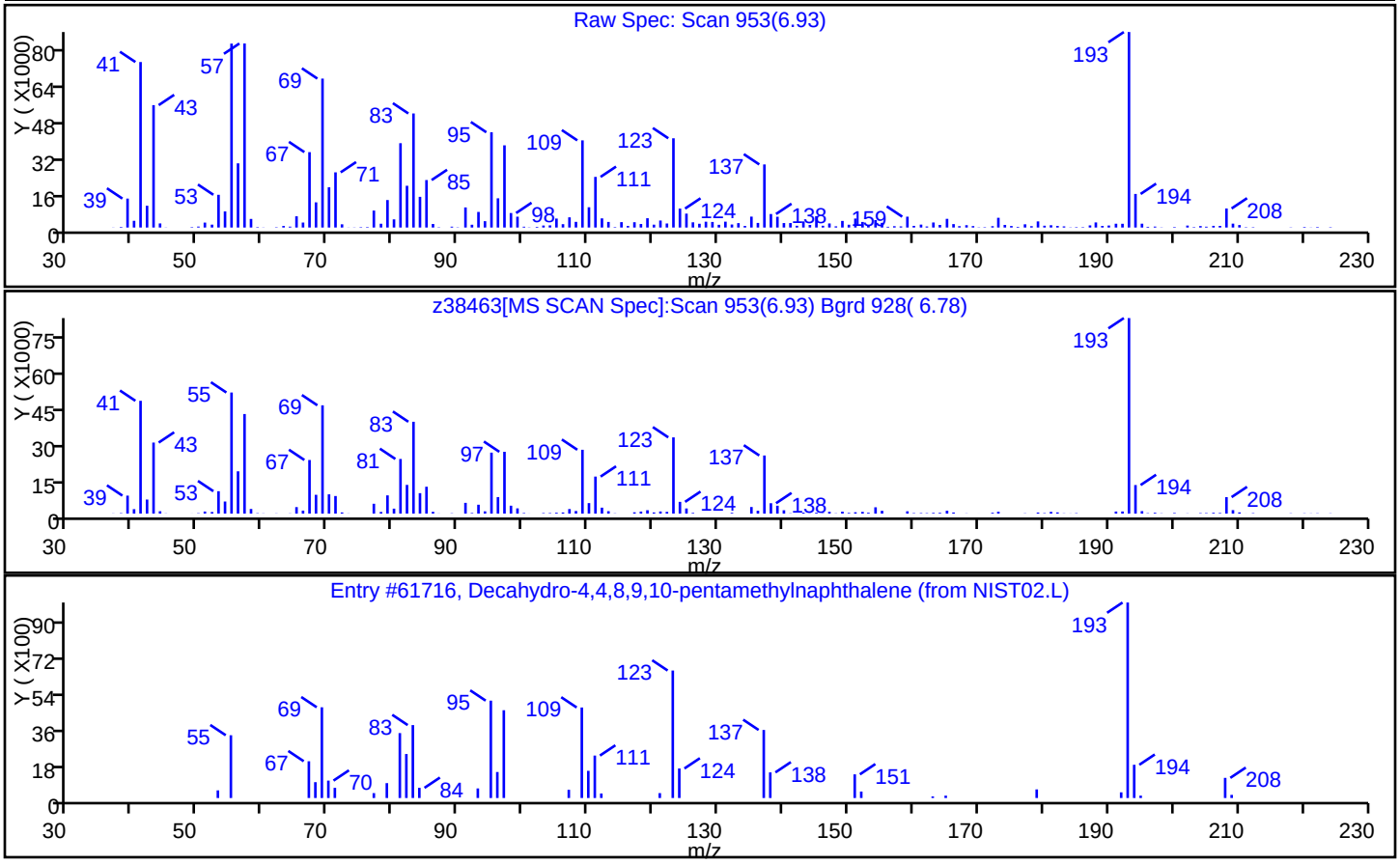
Report Date: 11-Nov-2015 10:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

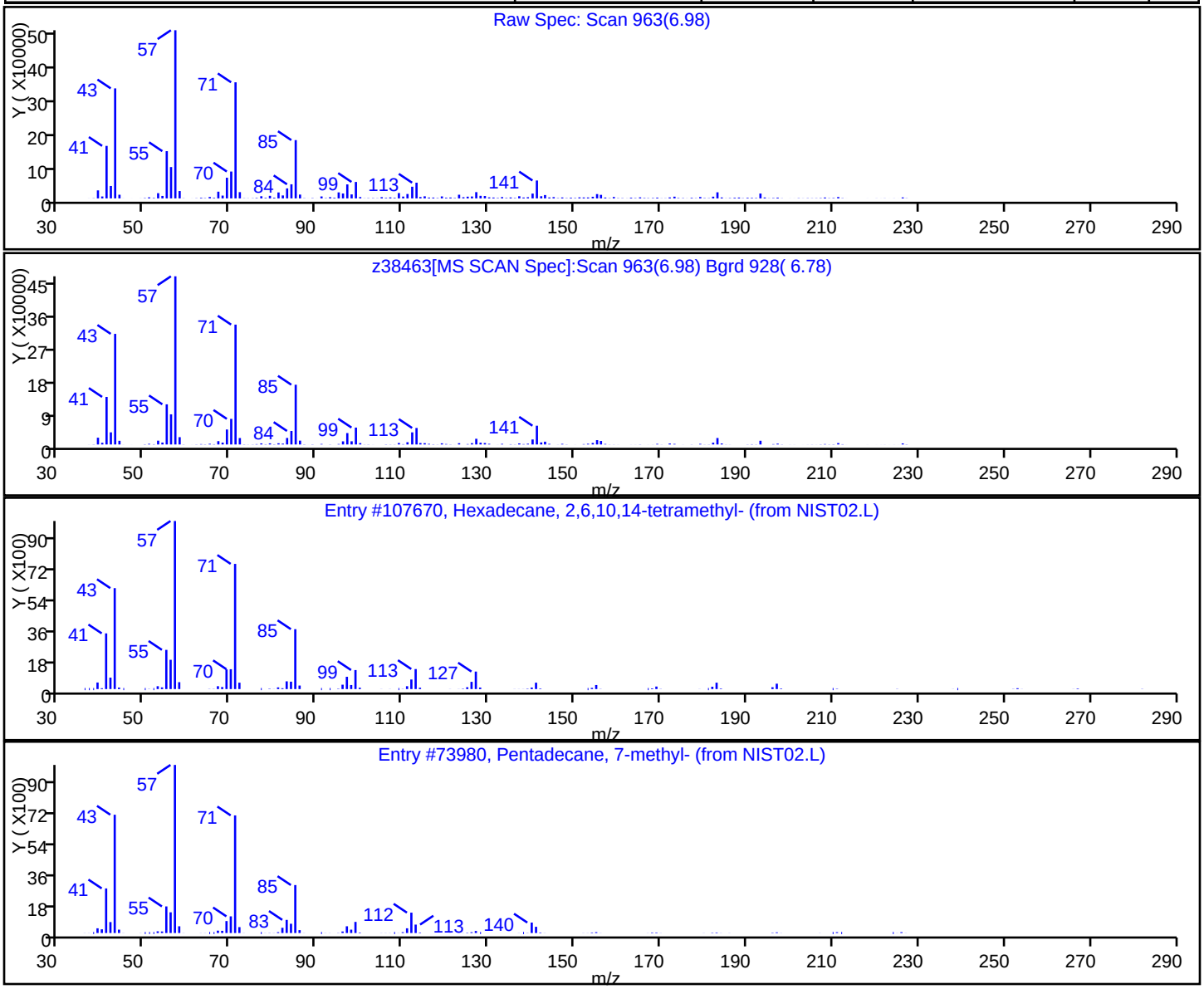
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Decahydro-4,4,8,9,10-pentamethylnaphthal	80655-44-3	NIST02.L	61716	C15H28	208	89



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown alkane						
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	86
Pentadecane, 7-methyl-	6165-40-8	NIST02.L	73980	C16H34	226	83

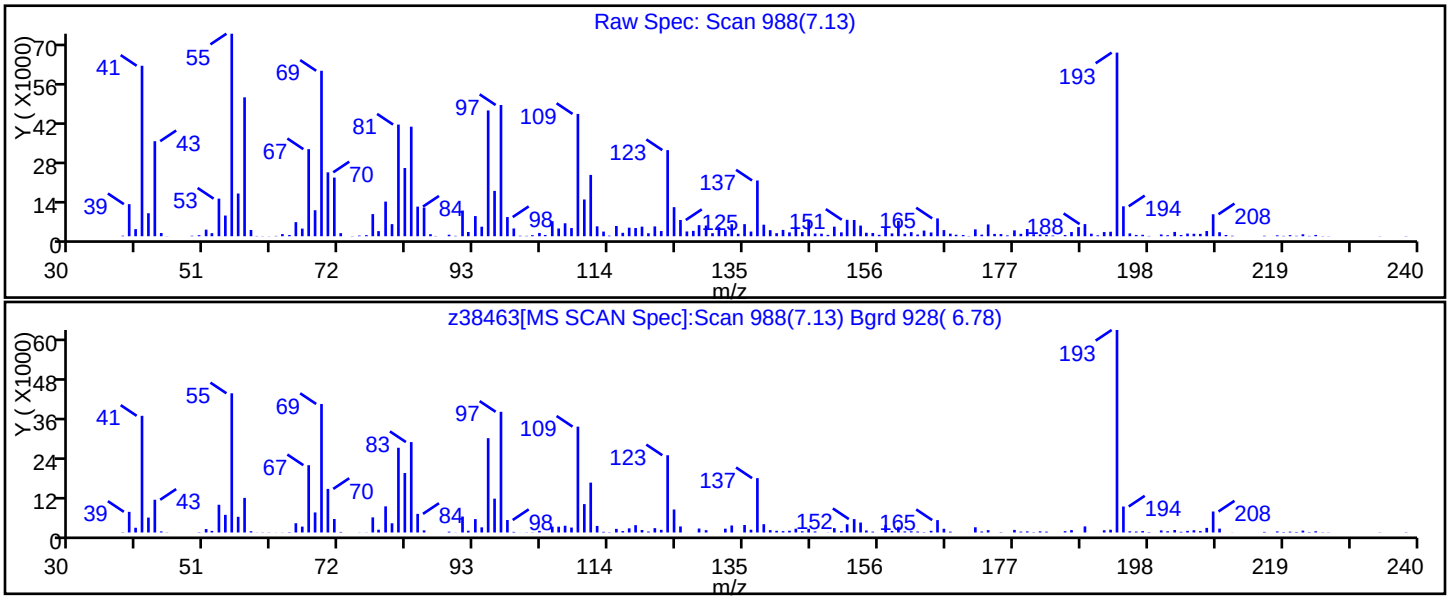


Report Date: 11-Nov-2015 10:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



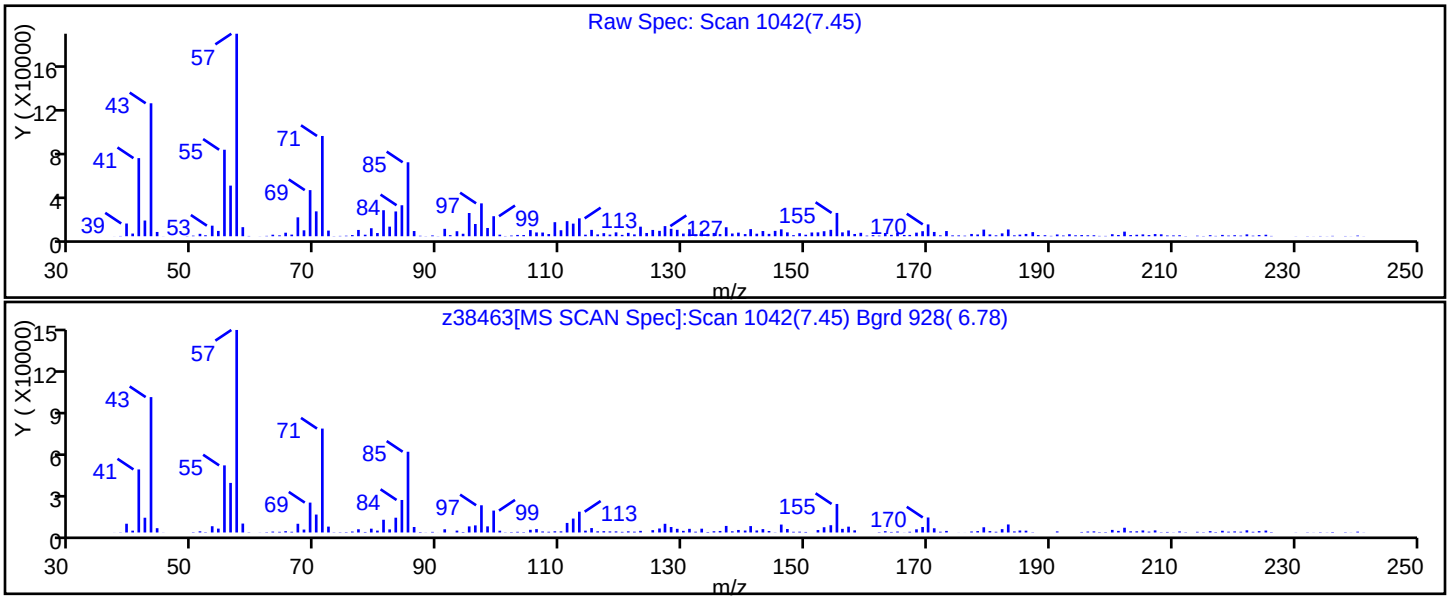
Report Date: 11-Nov-2015 10:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80

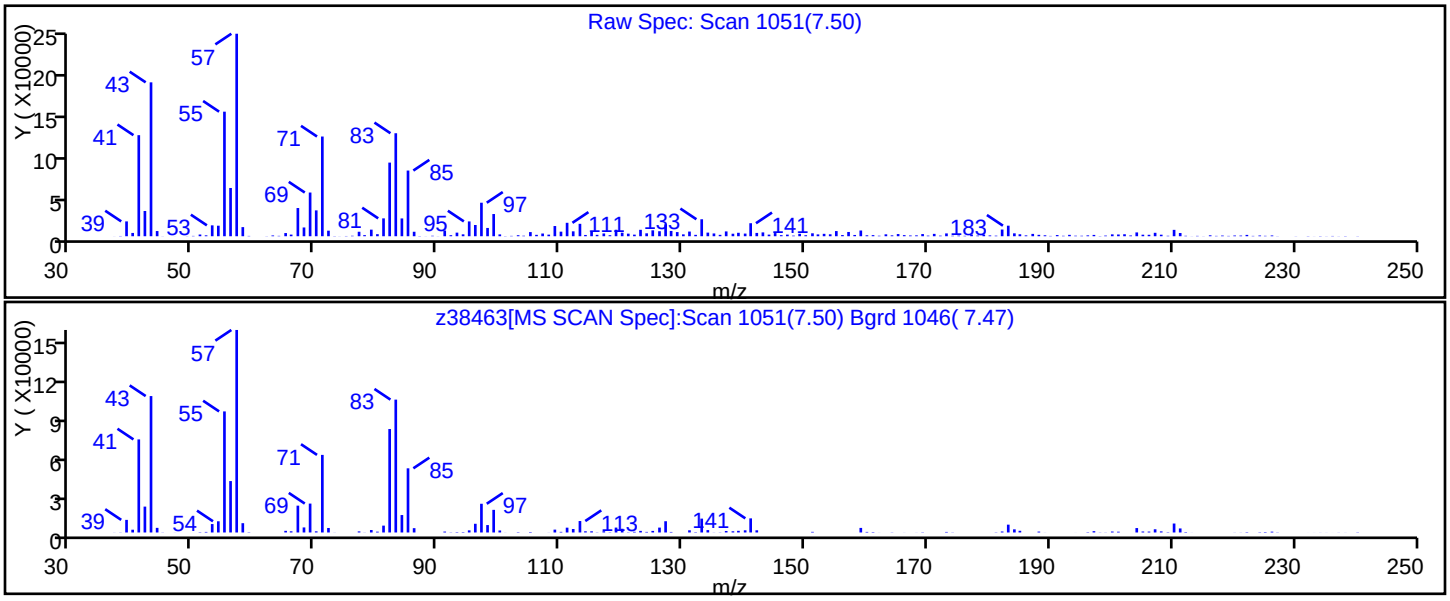


Report Date: 11-Nov-2015 10:59:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

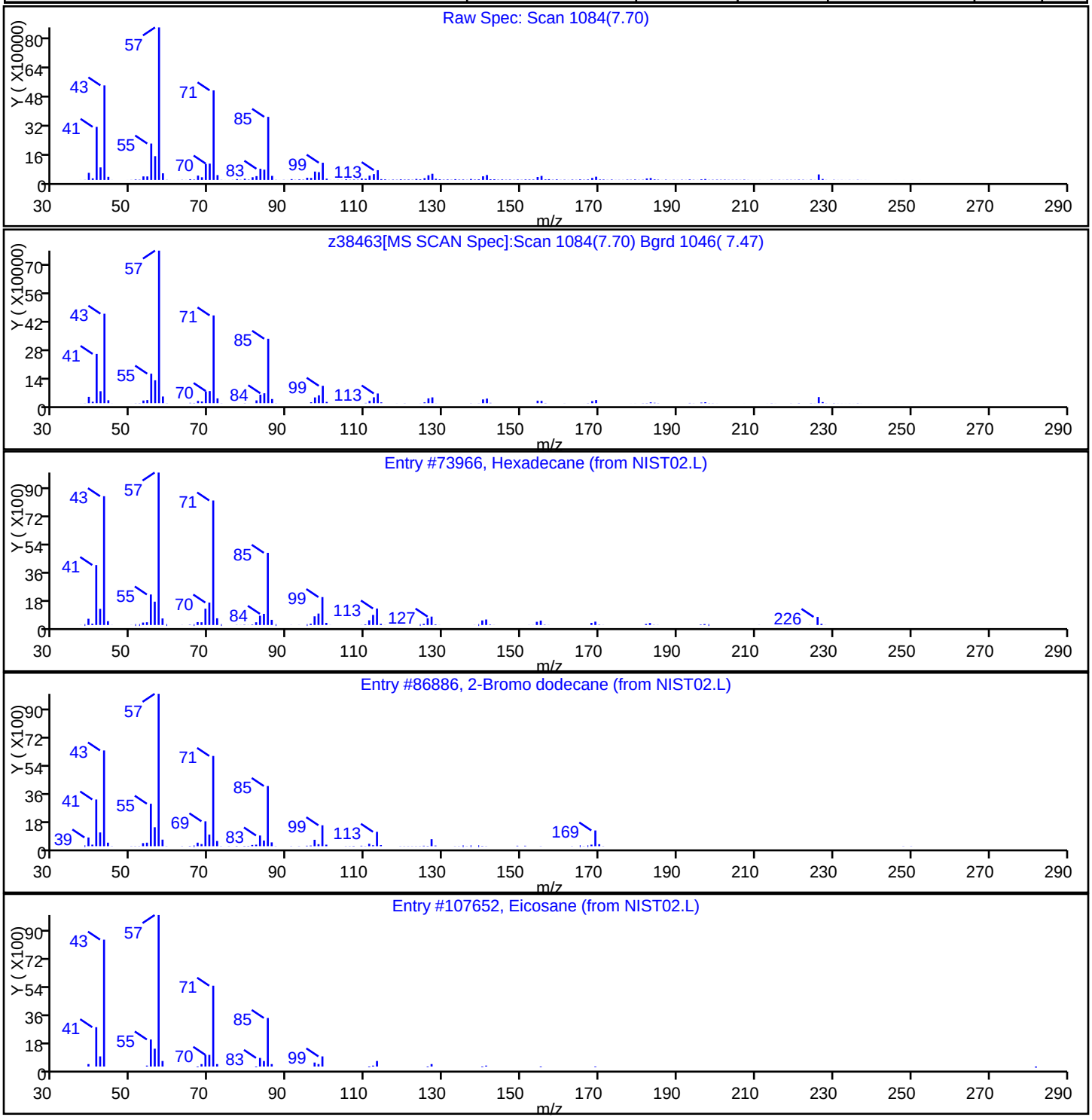
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane	544-76-3	NIST02.L	73966	C16H34	226	97
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	93
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	91

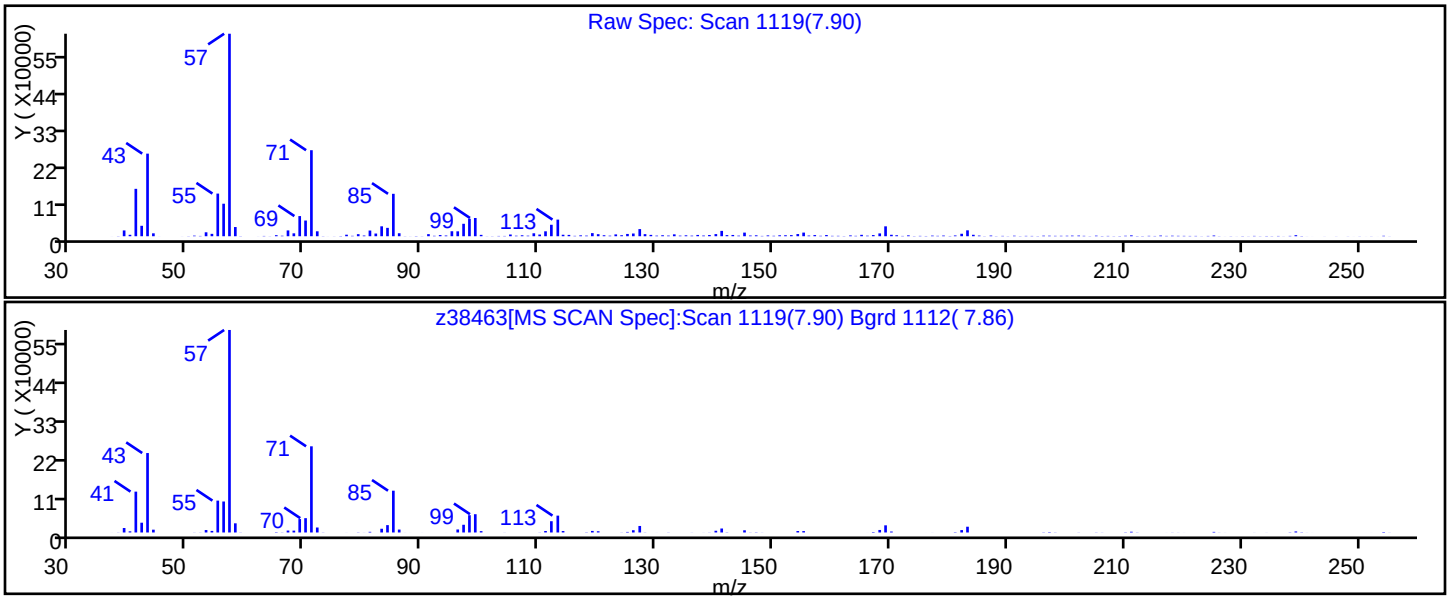


Report Date: 11-Nov-2015 10:59:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D				
Injection Date:	10-Nov-2015 12:04:30	Instrument ID:	CBNAMS11		
Lims ID:	460-104096-F-35-C	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

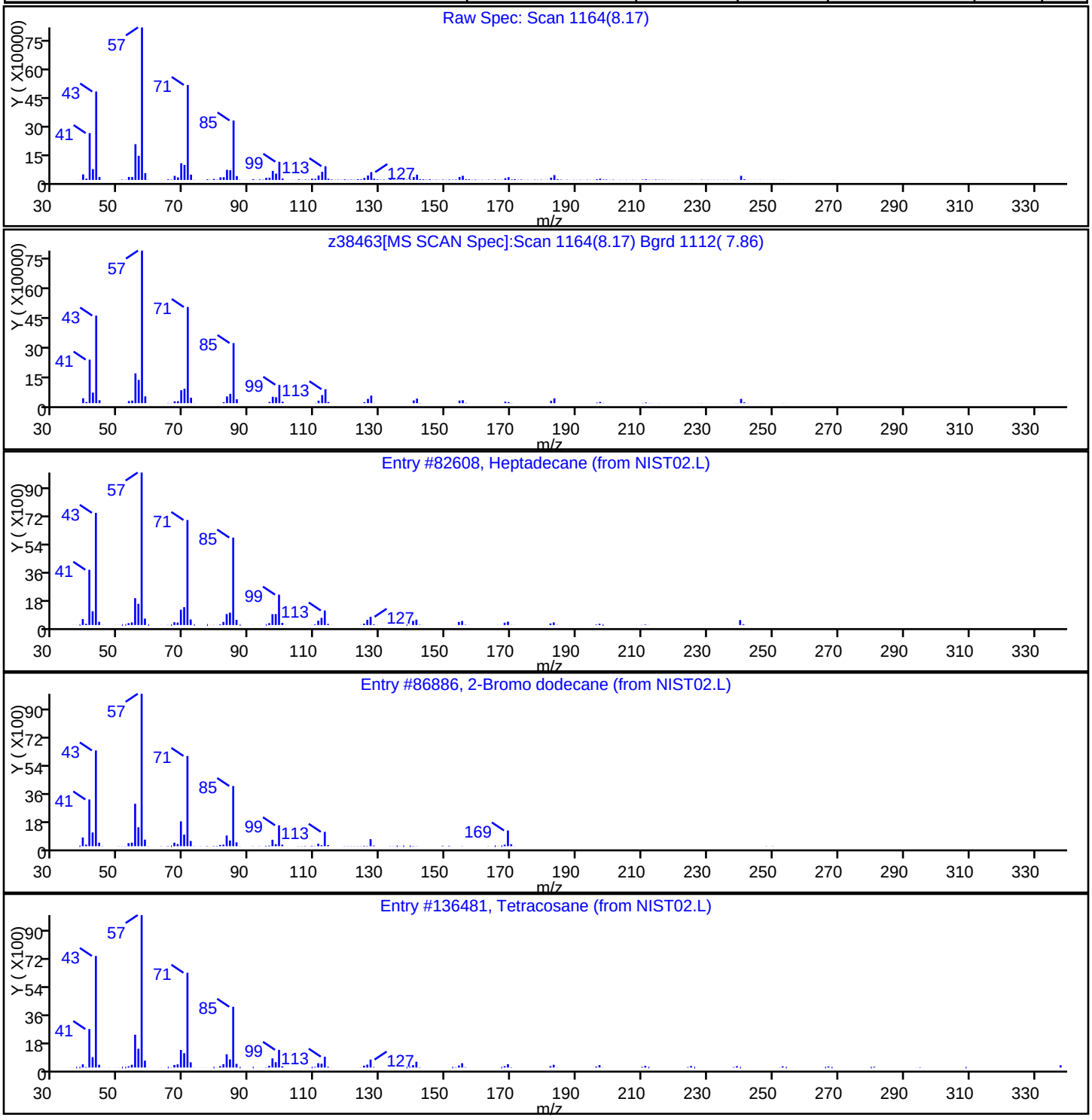
No Library Matches Found above the Threshold: 80



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Heptadecane	629-78-7	NIST02.L	82608	C17H36	240	97
2-Bromo dodecane	13187-99-0	NIST02.L	86886	C12H25Br	248	93
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	91



Report Date: 11-Nov-2015 10:59:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D

Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11

Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35

Client ID: PRA-2 NW-3.75

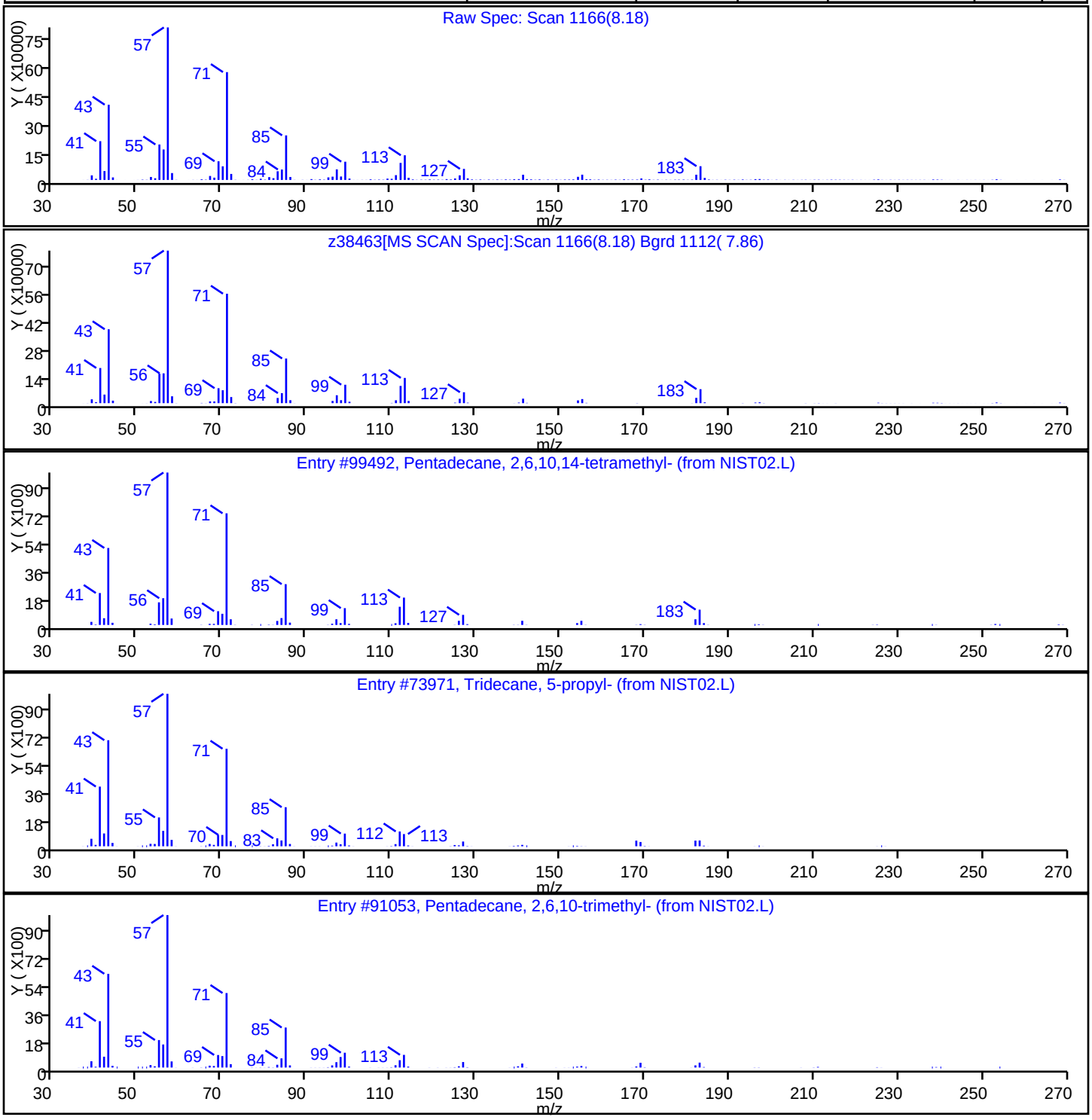
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 5.0000

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

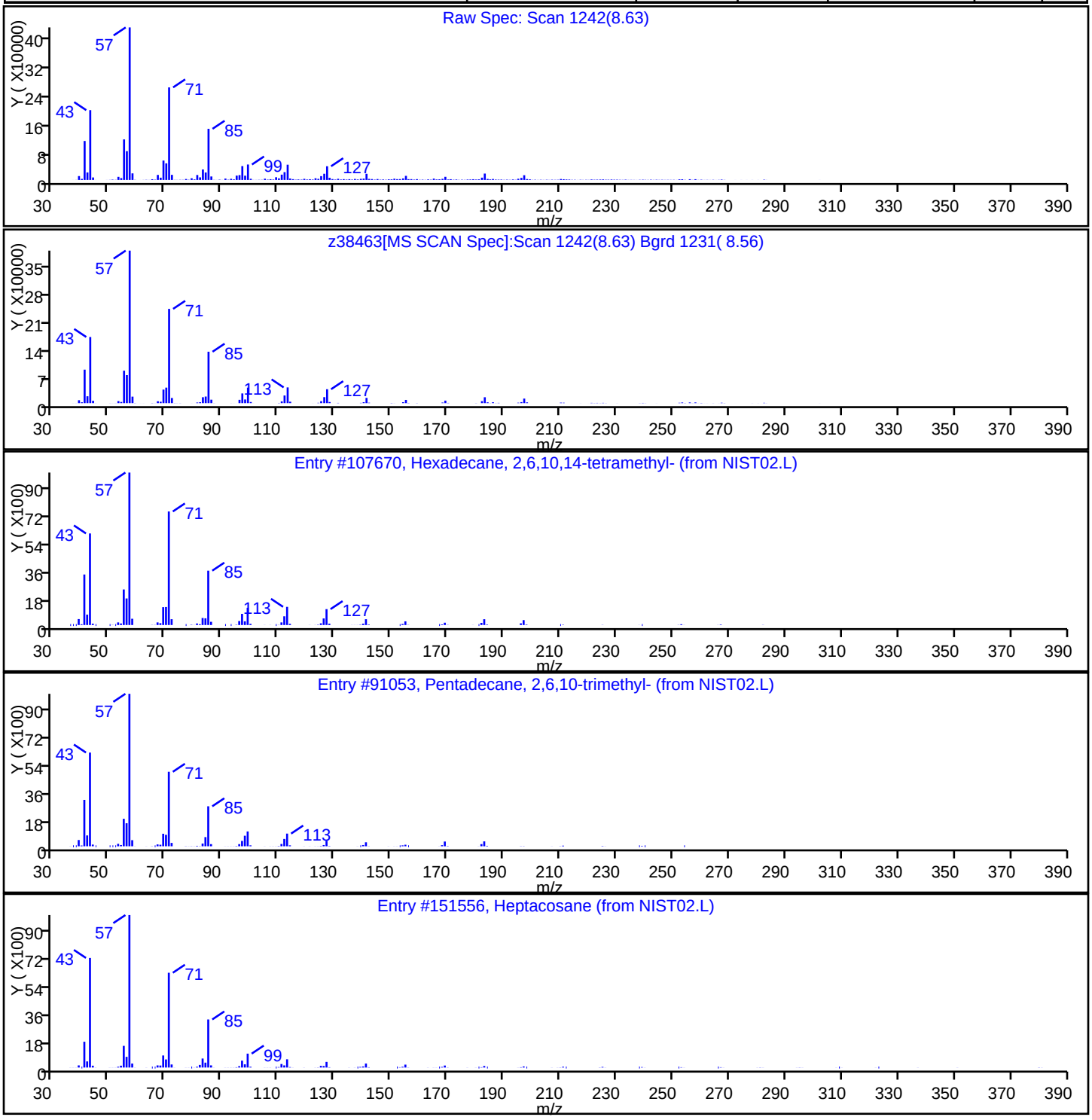
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane, 2,6,10,14-tetramethyl-	1921-70-6	NIST02.L	99492	C19H40	268	95
Tridecane, 5-propyl-	55045-11-9	NIST02.L	73971	C16H34	226	93
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

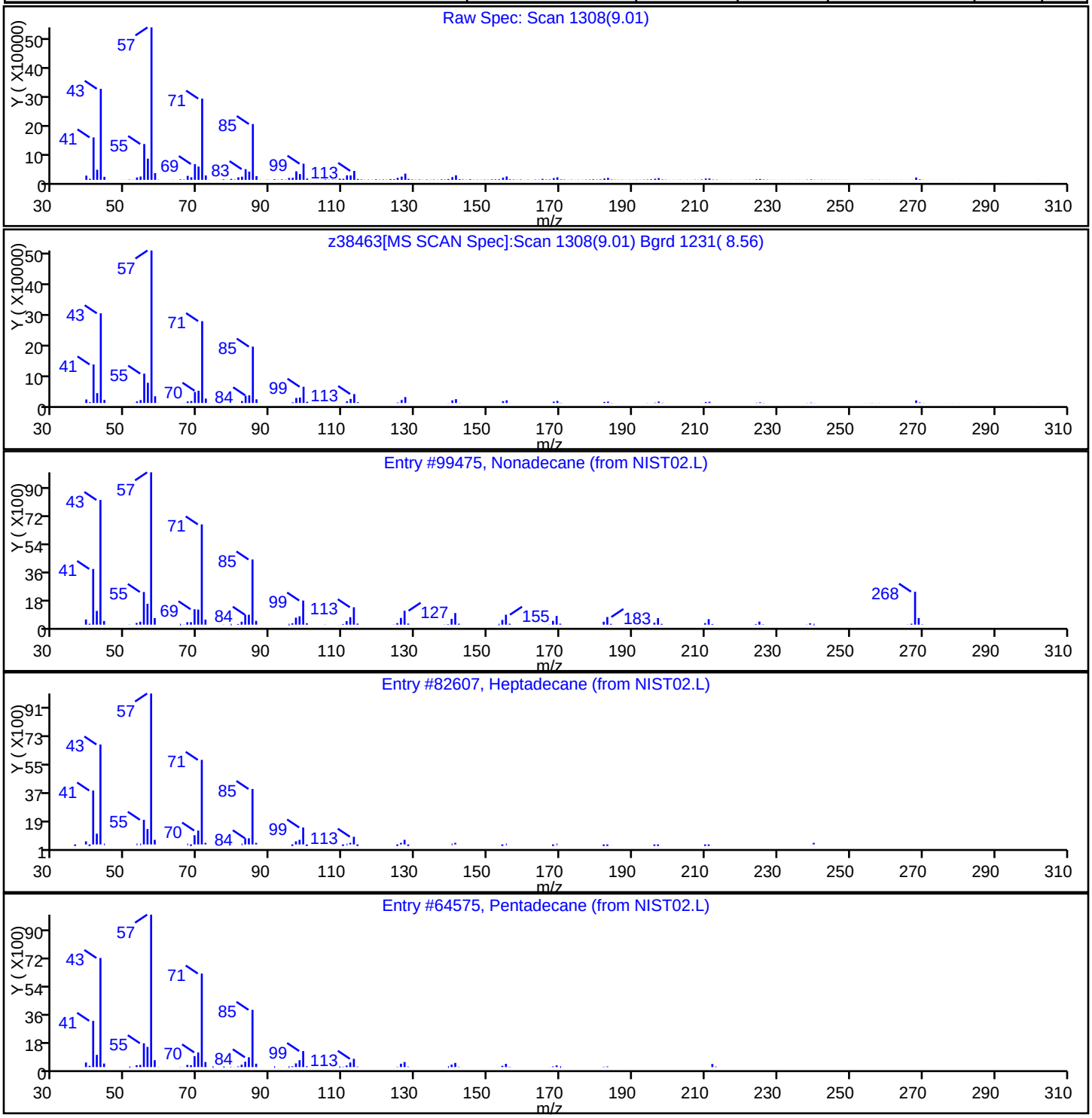
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.L	107670	C20H42	282	96
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.L	91053	C18H38	254	93
Heptacosane	593-49-7	NIST02.L	151556	C27H56	380	87



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

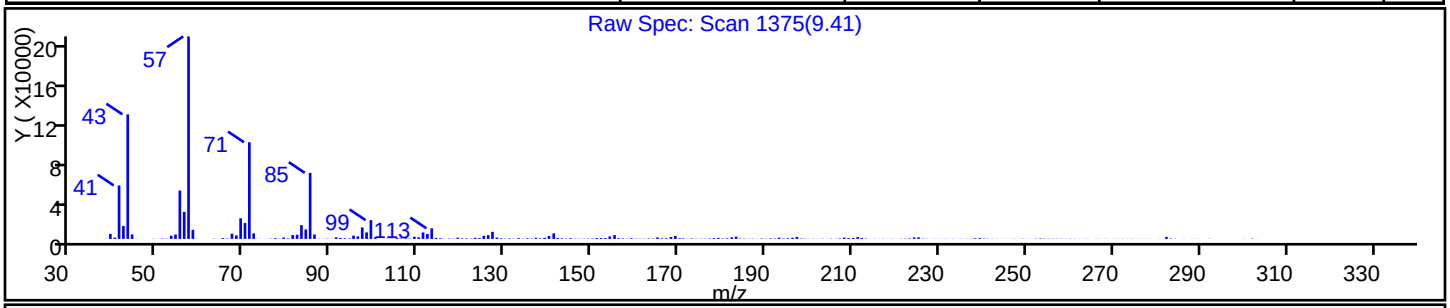
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Nonadecane	629-92-5	NIST02.L	99475	C19H40	268	94
Heptadecane	629-78-7	NIST02.L	82607	C17H36	240	91
Pentadecane	629-62-9	NIST02.L	64575	C15H32	212	91

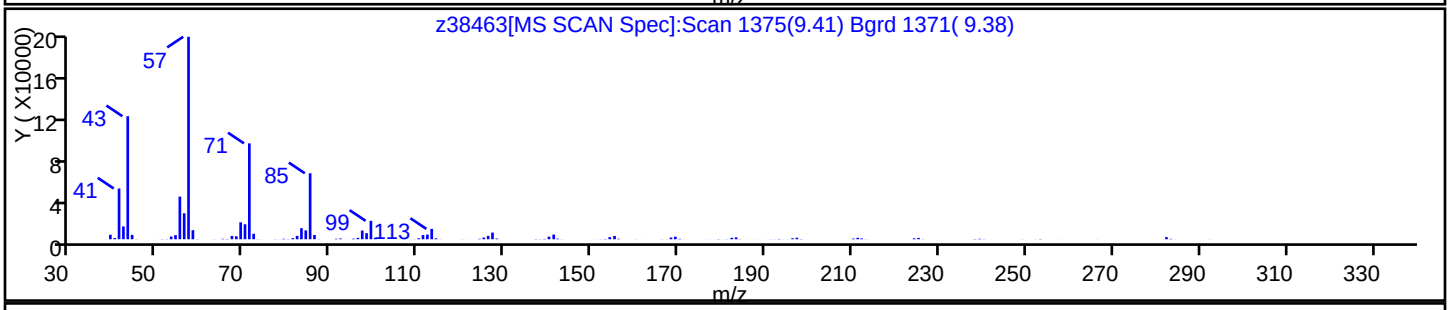


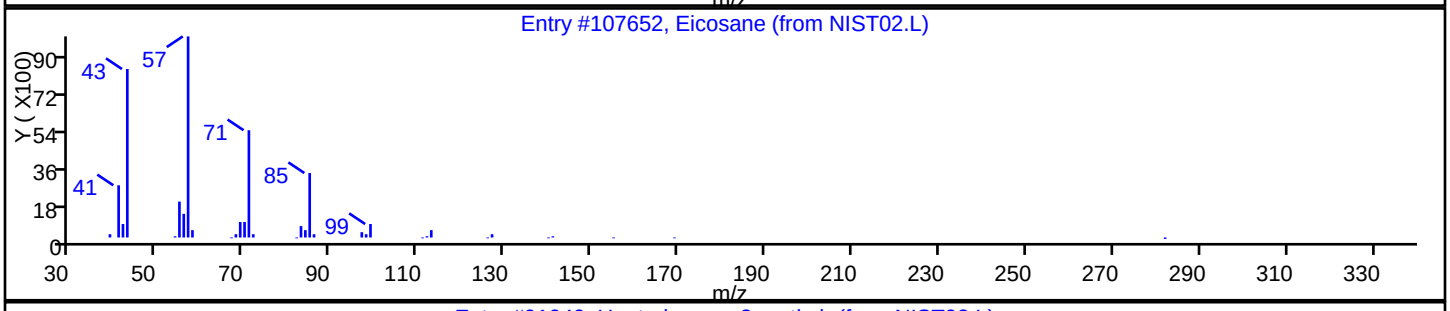
TestAmerica Edison

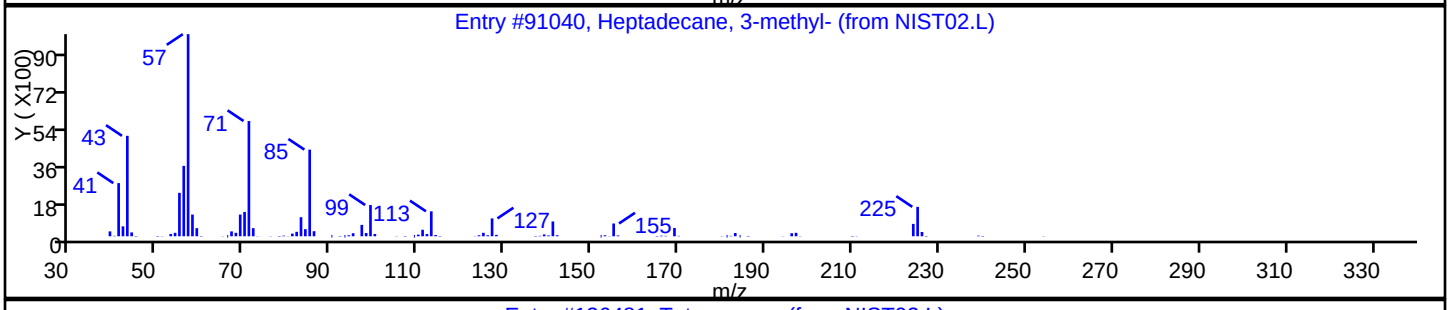
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38463.D
Injection Date: 10-Nov-2015 12:04:30 Instrument ID: CBNAMS11
Lims ID: 460-104096-F-35-C Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Operator ID: ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

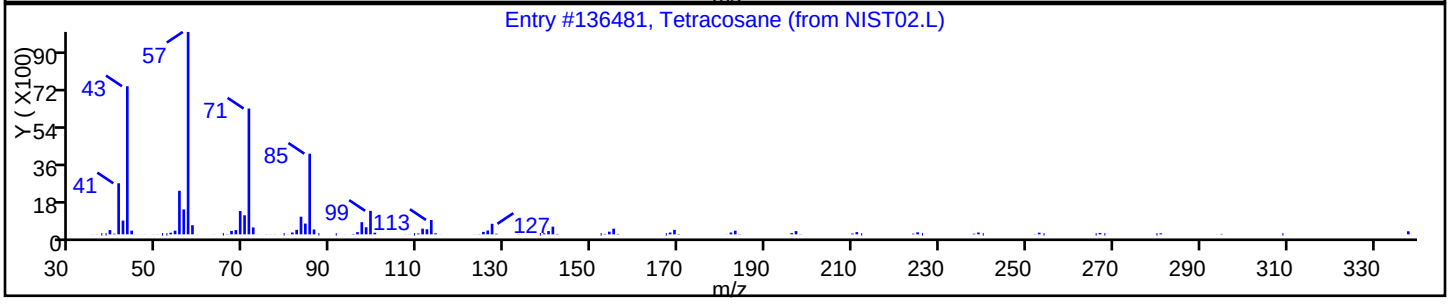
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	98
Heptadecane, 3-methyl-	6418-44-6	NIST02.L	91040	C18H38	254	91
Tetracosane	646-31-1	NIST02.L	136481	C24H50	338	91











FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: M966487.D

Analysis Method: 8270D | Date Collected: 11/05/2015 16:30

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 240(mL) | Date Analyzed: 11/12/2015 02:09

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.: 334749 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.43	U	10	0.43
95-57-8	2-Chlorophenol	0.77	U	10	0.77
95-48-7	2-Methylphenol	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.91	U	10	0.91
100-52-7	Benzaldehyde	0.90	U	10	0.90
98-86-2	Acetophenone	1.1	U	10	1.1
111-44-4	Bis(2-chloroethyl)ether	0.13	U	1.0	0.13
108-60-1	2,2'-oxybis[1-chloropropane]	0.97	U *	10	0.97
621-64-7	N-Nitrosodi-n-propylamine	0.86	U	1.0	0.86
98-95-3	Nitrobenzene	0.51	U	1.0	0.51
67-72-1	Hexachloroethane	0.094	U	1.0	0.094
78-59-1	Isophorone	0.70	U	10	0.70
88-75-5	2-Nitrophenol	0.61	U	10	0.61
105-67-9	2,4-Dimethylphenol	0.95	U	10	0.95
120-83-2	2,4-Dichlorophenol	0.66	U	10	0.66
111-91-1	Bis(2-chloroethoxy)methane	0.72	U	10	0.72
91-20-3	Naphthalene	0.83	U	10	0.83
106-47-8	4-Chloroaniline	0.76	U	10	0.76
87-68-3	Hexachlorobutadiene	0.79	U	1.0	0.79
105-60-2	Caprolactam	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	0.79	U	10	0.79
91-57-6	2-Methylnaphthalene	0.92	U	10	0.92
118-74-1	Hexachlorobenzene	0.49	U	1.0	0.49
77-47-4	Hexachlorocyclopentadiene	0.64	U	10	0.64
88-06-2	2,4,6-Trichlorophenol	0.55	U	10	0.55
95-95-4	2,4,5-Trichlorophenol	0.51	U	10	0.51
92-52-4	Diphenyl	0.66	U	10	0.66
91-58-7	2-Chloronaphthalene	0.64	U	10	0.64
88-74-4	2-Nitroaniline	0.68	U	10	0.68
606-20-2	2,6-Dinitrotoluene	0.92	U	2.1	0.92
131-11-3	Dimethyl phthalate	1.0	U	10	1.0
208-96-8	Acenaphthylene	0.68	U	10	0.68
99-09-2	3-Nitroaniline	0.85	U	10	0.85
83-32-9	Acenaphthene	0.92	U	10	0.92

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: M966487.D

Analysis Method: 8270D | Date Collected: 11/05/2015 16:30

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 240(mL) | Date Analyzed: 11/12/2015 02:09

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.: 334749 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4.8	U	21	4.8
51-28-5	2,4-Dinitrophenol	2.5	U	21	2.5
132-64-9	Dibenzofuran	0.89	U	10	0.89
84-66-2	Diethyl phthalate	1.0	U	10	1.0
86-73-7	Fluorene	0.83	U	10	0.83
206-44-0	Fluoranthene	0.75	U	10	0.75
84-74-2	Di-n-butyl phthalate	0.85	U	10	0.85
121-14-2	2,4-Dinitrotoluene	1.1	U	2.1	1.1
7005-72-3	4-Chlorophenyl phenyl ether	1.0	U	10	1.0
100-01-6	4-Nitroaniline	0.50	U	10	0.50
534-52-1	4,6-Dinitro-2-methylphenol	2.1	U	21	2.1
101-55-3	4-Bromophenyl phenyl ether	1.1	U	10	1.1
1912-24-9	Atrazine	0.80	U	2.1	0.80
120-12-7	Anthracene	0.59	U	10	0.59
86-74-8	Carbazole	0.89	U	10	0.89
85-01-8	Phenanthrene	0.68	U	10	0.68
87-86-5	Pentachlorophenol	2.3	U	21	2.3
129-00-0	Pyrene	0.86	U	10	0.86
218-01-9	Chrysene	0.70	U	2.1	0.70
207-08-9	Benzo[k]fluoranthene	0.19	U	1.0	0.19
191-24-2	Benzo[g,h,i]perylene	0.78	U	10	0.78
205-99-2	Benzo[b]fluoranthene	0.46	U	1.0	0.46
50-32-8	Benzo[a]pyrene	0.17	U	1.0	0.17
56-55-3	Benzo[a]anthracene	0.57	U	1.0	0.57
86-30-6	N-Nitrosodiphenylamine	0.77	U	10	0.77
85-68-7	Butyl benzyl phthalate	0.63	U	10	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.3	J B	2.1	0.75
117-84-0	Di-n-octyl phthalate	0.72	U	10	0.72
193-39-5	Indeno[1,2,3-cd]pyrene	0.22	U	1.0	0.22
53-70-3	Dibenz(a,h)anthracene	0.094	U	1.0	0.094
91-94-1	3,3'-Dichlorobenzidine	1.1	U	10	1.1
95-94-3	1,2,4,5-Tetrachlorobenzene	0.45	U	10	0.45
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	10	0.72

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: M966487.D

Analysis Method: 8270D | Date Collected: 11/05/2015 16:30

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 240(mL) | Date Analyzed: 11/12/2015 02:09

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.: 334749 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		62-120
4165-62-2	Phenol-d5	32		10-53
1718-51-0	Terphenyl-d14	92		57-125
118-79-6	2,4,6-Tribromophenol	72		43-126
367-12-4	2-Fluorophenol	41		13-77
321-60-8	2-Fluorobiphenyl	64		63-113

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: M966487.D

Analysis Method: 8270D | Date Collected: 11/05/2015 16:30

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 240(mL) | Date Analyzed: 11/12/2015 02:09

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.: 334749 | Units: ug/L

Number TICs Found: 2 | TIC Result Total: 20.3

CAS NO.	COMPOUND NAME	RT	RESULT	Q
111-06-8	Hexadecanoic acid, butyl ester	10.17	12	J N
123-95-5	Octadecanoic acid, butyl ester	10.91	8.3	J N

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D
Lims ID: 460-104096-F-37-A Lab Sample ID: 460-104096-37
Client ID: FB_20151105
Sample Type: Client
Inject. Date: 12-Nov-2015 02:09:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-028
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:09:53 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK020

First Level Reviewer: szczecha Date: 12-Nov-2015 11:32:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.034	3.026	0.008	90	575008	4.08	
$ 6 Phenol-d5	99	3.955	3.949	0.006	83	580264	3.20	
* 14 1,4-Dichlorobenzene-d4	152	4.246	4.246	0.000	95	724316	8.00	
$ 28 Nitrobenzene-d5	82	4.811	4.824	-0.013	92	1365116	7.59	
* 38 Naphthalene-d8	136	5.534	5.536	-0.002	97	2404198	8.00	
$ 52 2-Fluorobiphenyl	172	6.623	6.634	-0.011	96	1805455	6.39	
* 64 Acenaphthene-d10	164	7.288	7.293	-0.005	83	1437847	8.00	
$ 80 2,4,6-Tribromophenol	330	8.079	8.083	-0.004	90	379858	7.18	
* 87 Phenanthrene-d10	188	8.755	8.750	0.005	99	2142919	8.00	
$ 96 Terphenyl-d14	244	10.328	10.322	0.006	98	1721314	9.16	
* 102 Chrysene-d12	240	11.489	11.487	0.002	99	1375597	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.519	11.524	-0.005	50	23900	0.1533	
* 109 Perylene-d12	264	13.391	13.386	0.005	99	1151600	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D				
Lims ID:	460-104096-F-37-A	Lab Sample ID:	460-104096-37		
Client ID:	FB_20151105				
Sample Type:	Client				
Inject. Date:	12-Nov-2015 02:09:30	ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034125-028				
Operator ID:		Instrument ID:	CBNAMS6		
Method:	\\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m				
Limit Group:	SV 8270D ICAL				
Last Update:	12-Nov-2015 13:09:53	Calib Date:	11-Nov-2015 19:26:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK020				
First Level Reviewer: szczecha		Date:	12-Nov-2015 11:32:39		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
111-06-8 Hexadecanoic acid, butyl ester								
10.171	660820	1.39	102	96	124073	C20H40O2	312	
123-95-5 Octadecanoic acid, butyl ester								
10.910	471282	0.99	102	93	137336	C22H44O2	340	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 102 Chrysene-d12	11.489	3800688	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

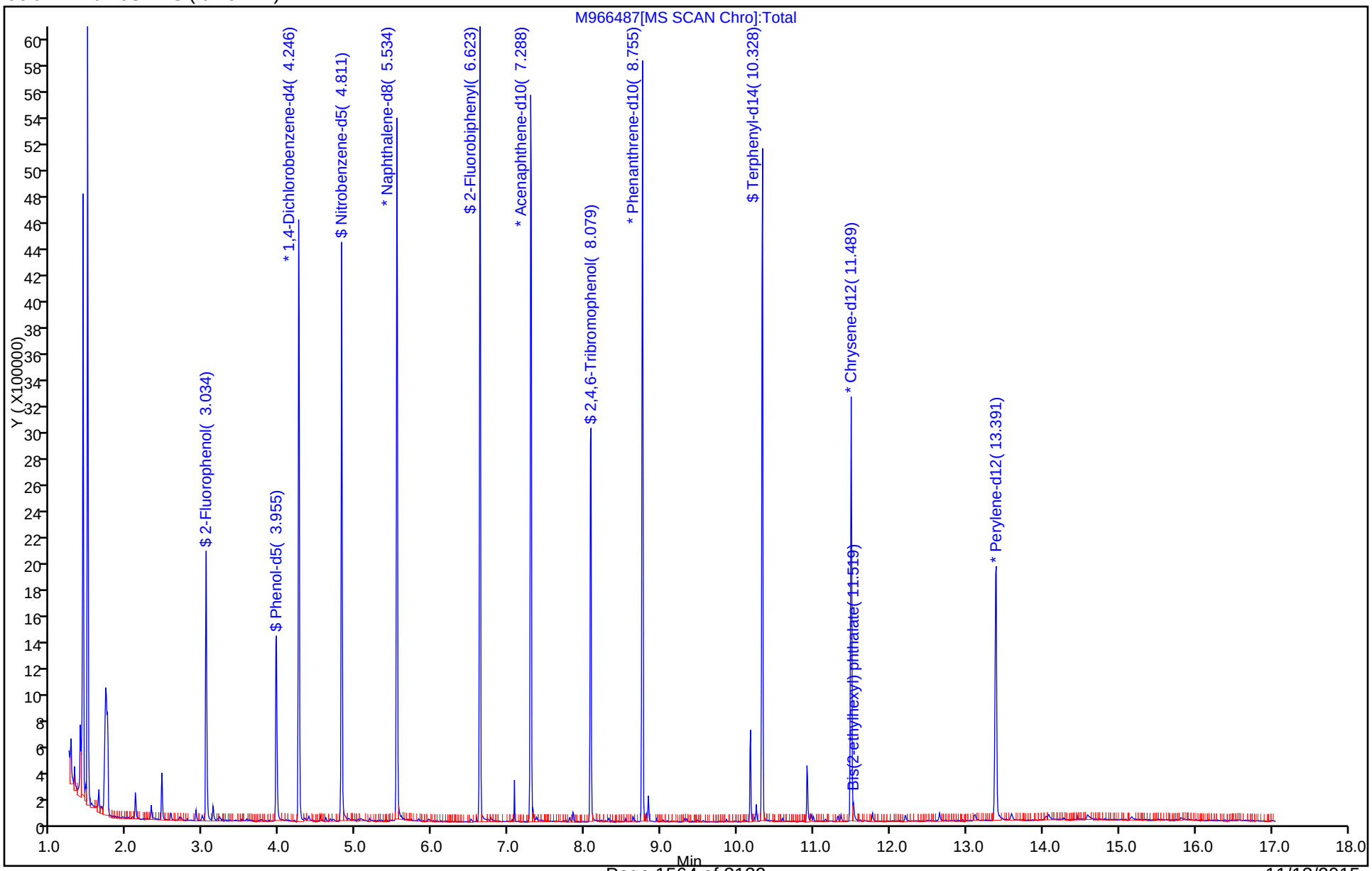
Report Date: 12-Nov-2015 13:34:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D

Injection Date:	12-Nov-2015 02:09:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	460-104096-F-37-A	Lab Sample ID:	460-104096-37	Worklist Smp#:	28
Client ID:	FB_20151105				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

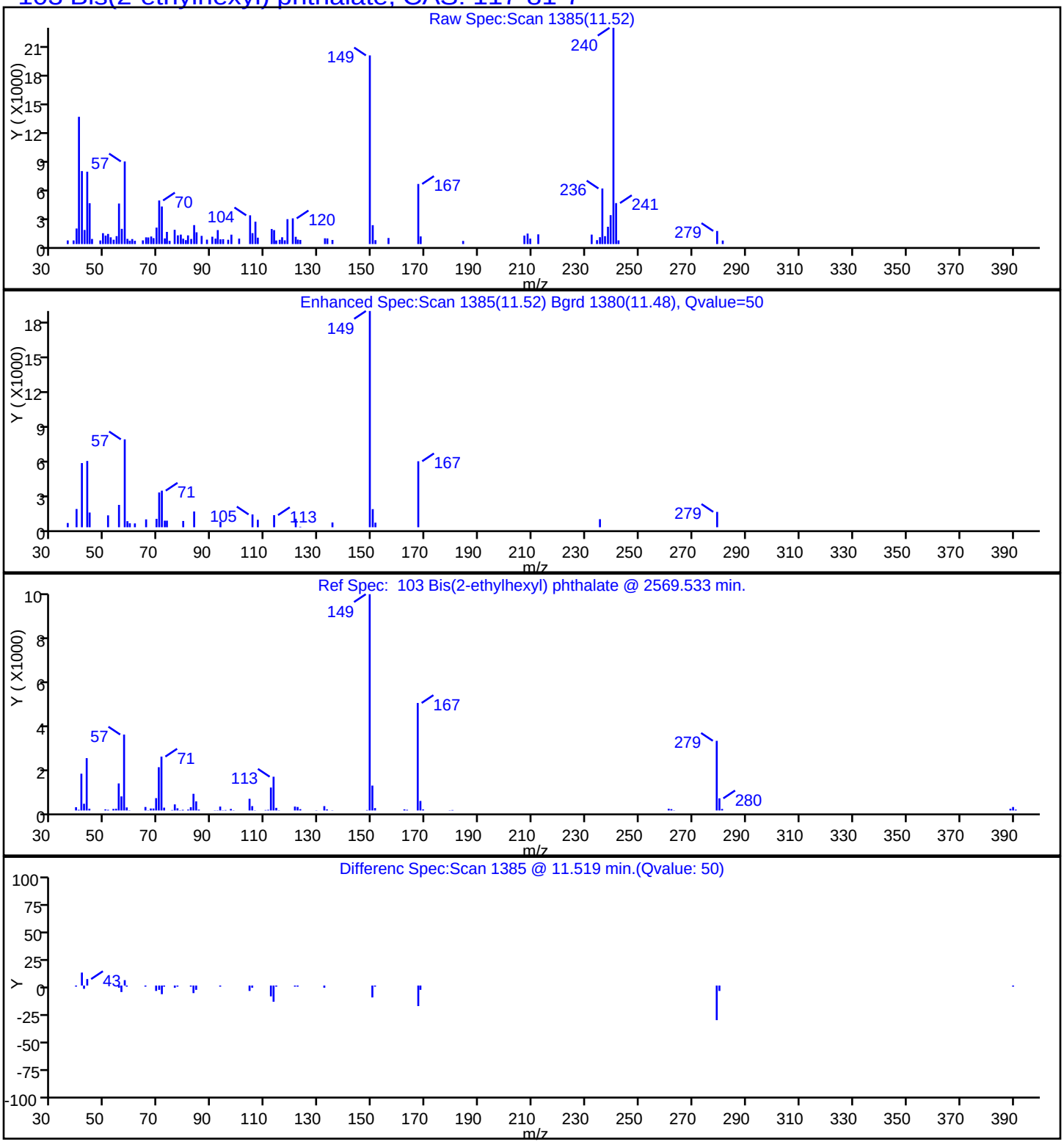
Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D				
Injection Date:	12-Nov-2015 02:09:30	Instrument ID:	CBNAMS6		
Lims ID:	460-104096-F-37-A	Lab Sample ID:	460-104096-37		
Client ID:	FB_20151105				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

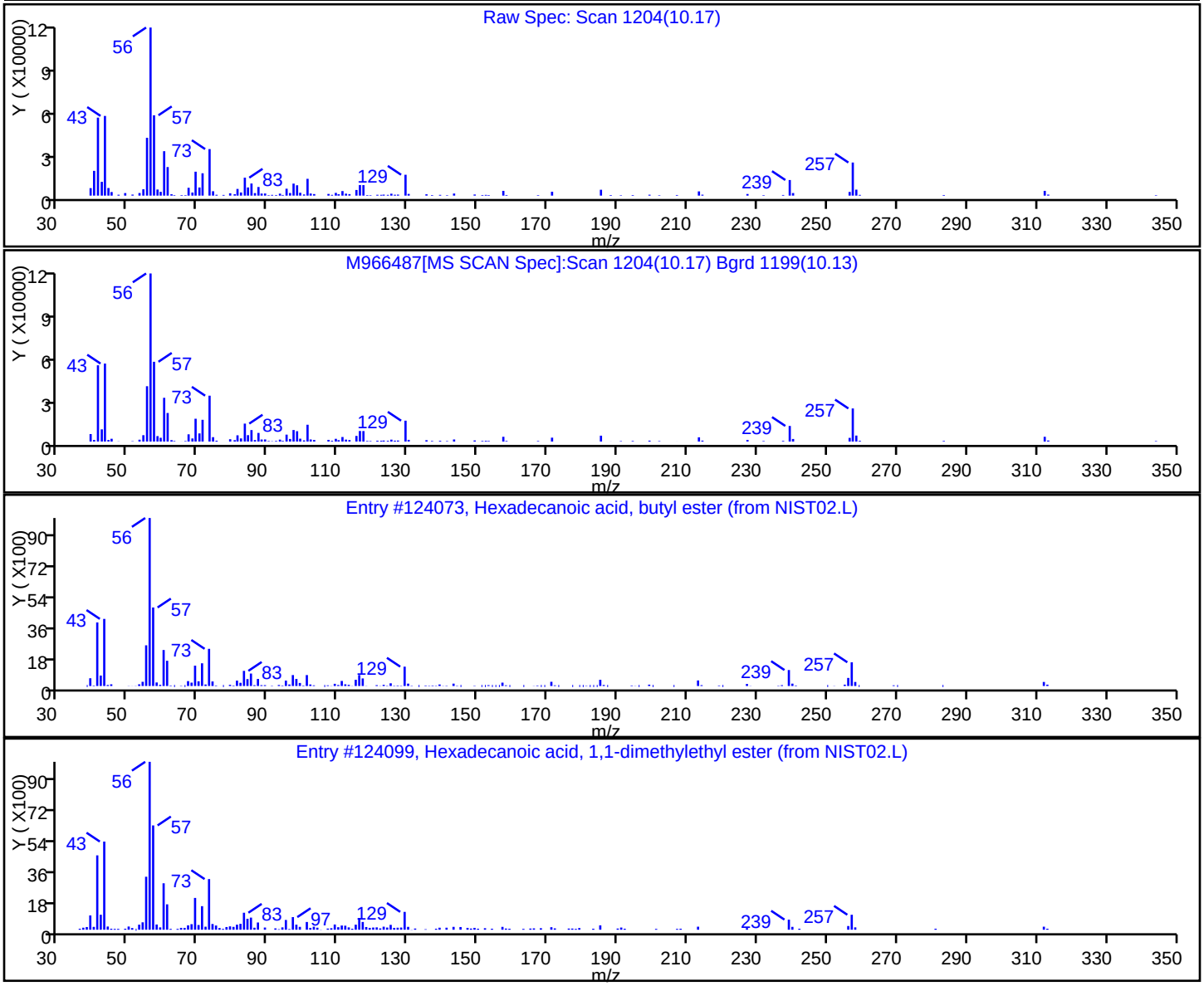


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D

Injection Date:	12-Nov-2015 02:09:30	Instrument ID:	CBNAMS6		
Lims ID:	460-104096-F-37-A	Lab Sample ID:	460-104096-37		
Client ID:	FB_20151105				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Hexadecanoic acid, butyl ester	111-06-8	NIST02.L	124073	C20H40O2	312	96
Hexadecanoic acid, 1,1-dimethylethyl est	31158-91-5	NIST02.L	124099	C20H40O2	312	91

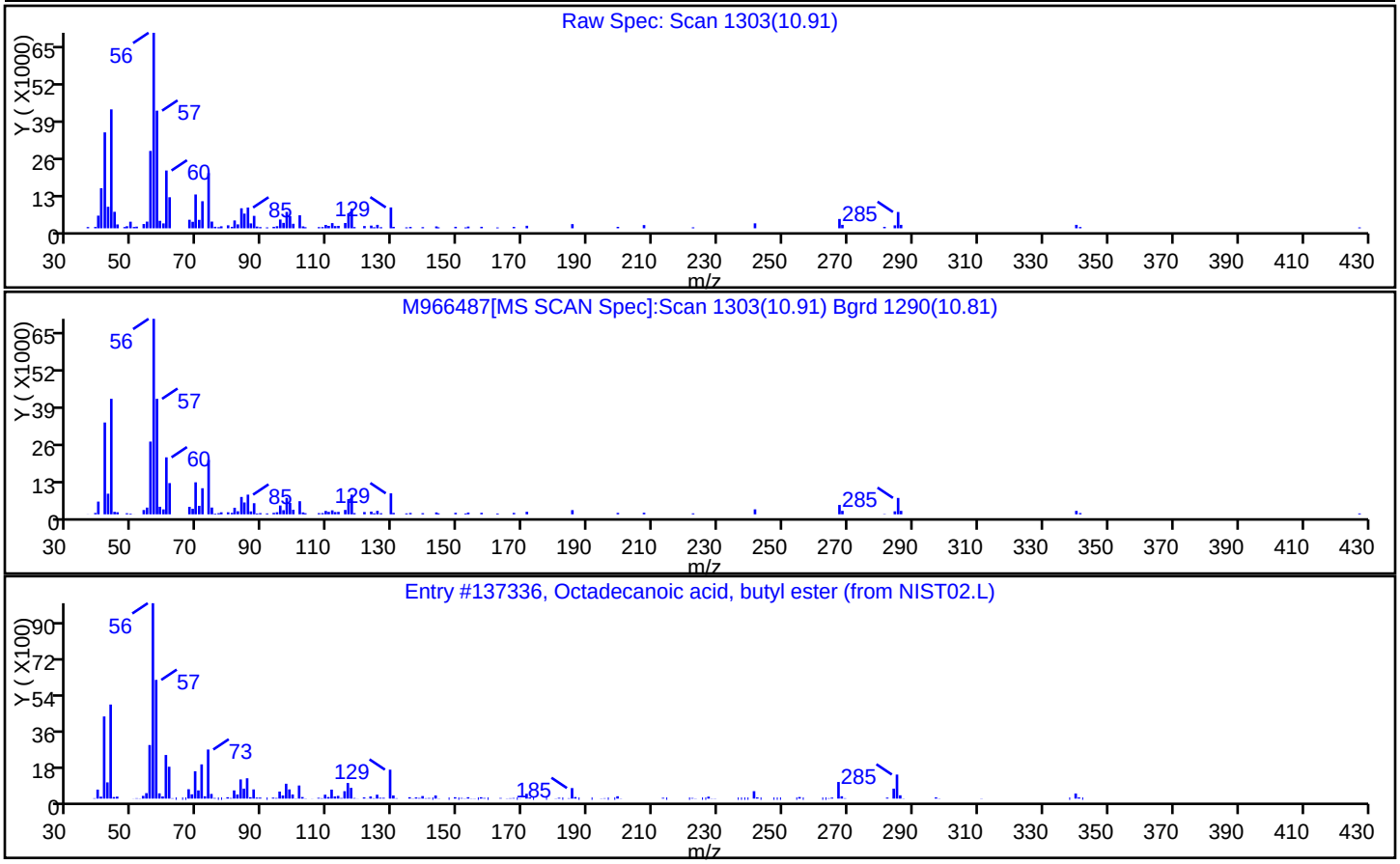


TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966487.D

Injection Date:	12-Nov-2015 02:09:30	Instrument ID:	CBNAMS6
Lims ID:	460-104096-F-37-A	Lab Sample ID:	460-104096-37
Client ID:	FB_20151105		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecanoic acid, butyl ester	123-95-5	NIST02.L	137336	C22H44O2	340	93



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-332733/10	z38193.D
Level 2	STD1 460-332733/9	z38192.D
Level 3	STD2 460-332733/8	z38191.D
Level 4	STD5 460-332733/7	z38190.D
Level 5	STD10 460-332733/6	z38189.D
Level 6	STD20 460-332733/5	z38188.D
Level 7	ICIS 460-332733/2	z38185.D
Level 8	STD80 460-332733/4	z38187.D
Level 9	STD120 460-332733/3	z38186.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5901	0.5845	0.5664	0.5712 0.5798	0.6035	Ave		0.5826				2.3		20.0			
N-Nitrosodimethylamine	0.8768	0.8706	0.8689	0.8189 0.8777	0.9126	Ave		0.8709				3.5		20.0			
Pyridine	1.5031	1.4478	1.4728	1.3778 1.5066	1.5756	Ave		1.4806				4.5		20.0			
Phenol	1.7671	1.7667	1.7030	1.6319 1.6793	1.8684	Ave		1.7361			0.8000	4.8		20.0			
Aniline	2.1307	2.0773	2.0245	1.9901 1.9707	2.1953	Ave		2.0648				4.2		20.0			
Bis(2-chloroethyl)ether	1.5290 1.3529	1.3710 1.3278	1.3561 1.3163	1.3085 1.4365	1.4420	Ave		1.3822			0.7000	5.3		20.0			
2-Chlorophenol	1.3974	1.3494	1.3232	1.3220 1.3086	1.4762	Ave		1.3628			0.8000	4.7		20.0			
n-Decane	2.1826	2.0618	1.9101	2.2159 1.8564	2.3573	Ave		2.0974				9.1		20.0			
1,3-Dichlorobenzene	1.6058	1.5460	1.5313	1.5221 1.5393	1.6965	Ave		1.5735				4.3		20.0			
1,4-Dichlorobenzene	1.6181	1.5598	1.5395	1.5691 1.5215	1.7234	Ave		1.5886				4.6		20.0			
Benzyl alcohol	0.8390	0.8112	0.8051	0.7793 0.7893	0.8949	Ave		0.8198				5.1		20.0			
1,2-Dichlorobenzene	1.5329	1.4726	1.4324	1.4969 1.3956	1.5970	Ave		1.4879				4.8		20.0			
2-Methylphenol	1.1859	1.1536	1.1172	1.1691 1.0995	1.2846	Ave		1.1683			0.7000	5.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.6884	2.5349	2.3754	2.6793 2.2876	2.8769	Ave		2.5737			0.0100	8.5		20.0			
N-Nitrosodi-n-propylamine	0.9959 0.9015	1.0123 0.8541	0.9471 0.8312	0.9104 0.8279	0.9952	Ave		0.9195			0.5000	7.9		20.0			
Acetophenone	1.6530	1.5390	1.4966	1.6420 1.5018	1.7899	Ave		1.6037			0.0100	7.1		20.0			
3 & 4 Methylphenol	1.3207	1.2549	1.1178	1.3357 1.2096	1.4318	Ave		1.2784				8.5		20.0			
4-Methylphenol	1.3207	1.2549	1.1178	1.3357 1.2096	1.4318	Ave		1.2784			0.6000	8.5		20.0			
Hexachloroethane	0.6149 0.5672	0.6037 0.5475	0.5715 0.5432	0.5560 0.5387	0.6066	Ave		0.5721			0.3000	5.1		20.0			
Nitrobenzene	0.5278 0.5067	0.5168 0.4868	0.5078 0.4701	0.5111 0.4704	0.5098	Ave		0.5008			0.2000	4.1		20.0			
n,n'-Dimethylaniline	1.9638 1.9523	2.0495 1.9154	1.9593 1.8201	1.9860 1.8238	1.9525	Ave		1.9359				3.8		20.0			
Isophorone	0.6119	0.5858	0.6190 0.5668	0.6012 0.5388	0.6411	Ave		0.5949			0.4000	5.8		20.0			
2-Nitrophenol	0.2010	0.1958	0.1947	0.1933 0.2002	0.2086	Ave		0.1989			0.1000	2.8		20.0			
2,4-Dimethylphenol	0.3147	0.3027	0.2962	0.3099 0.2954	0.3328	Ave		0.3086			0.2000	4.6		20.0			
Bis(2-chloroethoxy)methane	0.3996	0.3860	0.3786	0.3932 0.3829	0.4163	Ave		0.3928			0.3000	3.5		20.0			
Benzoic acid	0.1527	0.1538	0.1548	0.0720 0.1666	0.1360	Lin2	-0.449	0.1686			0.0100				0.9960		0.9900
2,4-Dichlorophenol	0.2972	0.2877	0.2800	0.2859 0.2790	0.3056	Ave		0.2892			0.2000	3.6		20.0			
1,2,4-Trichlorobenzene	0.3300 0.3188	0.3308 0.3105	0.3133 0.3081	0.3064 0.3104	0.3304	Ave		0.3176				3.2		20.0			
Naphthalene	1.0375	0.9895	0.9652	1.0253 0.9632	1.0878	Ave		1.0114			0.7000	4.8		20.0			
4-Chloroaniline	0.4119	0.3881	0.3720	0.4068 0.3715	0.4296	Ave		0.3967			0.0100	5.9		20.0			
Hexachlorobutadiene	0.1834	0.1789 0.1773	0.1743 0.1809	0.1753 0.1813	0.1849	Ave		0.1795			0.0100	2.1		20.0			
4-Chloro-3-methylphenol	0.2543	0.2390	0.2331	0.2531 0.2381	0.2740	Ave		0.2486			0.2000	6.1		20.0			
2-Methylnaphthalene	0.7058	0.6705	0.6433	0.7001 0.6485	0.7450	Ave		0.6855			0.4000	5.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.6053	0.5739	0.5541	0.6020 0.5526	0.6357	Ave		0.5873				5.6		20.0			
Hexachlorocyclopentadiene	0.4355	0.4753	0.4844	0.3348 0.4940	0.4166	Ave		0.4401			0.0500	13.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6951	0.6811	0.6719	0.6490 0.6641	0.6933	Ave		0.6758			0.0100	2.6		20.0			
2-tertbutyl-4-methylphenol	0.4384	0.4308	0.4091	0.4469 0.4226	0.4348	Ave		0.4304				3.1		20.0			
2,4,6-Trichlorophenol	0.4241	0.4263	0.3948 0.4243	0.3979 0.4366	0.4358	Ave		0.4200			0.2000	4.0		20.0			
2,4,5-Trichlorophenol	0.4464	0.4269	0.4315	0.4121 0.4403	0.4570	Ave		0.4357			0.2000	3.6		20.0			
Diphenyl	1.8822	1.8616	1.8209	1.8056 1.7776	1.9459	Ave		1.8490			0.0100	3.3		20.0			
2-Chloronaphthalene	1.4038	1.3576	1.3499	1.3369 1.3398	1.4304	Ave		1.3698			0.8000	2.8		20.0			
Phenyl ether	0.9564	0.9739	0.9538	0.9274 0.9685	0.9303	Ave		0.9517				2.0		20.0			
2-Nitroaniline	0.4892	0.4788	0.4145	0.4792 0.3968	0.5250	Ave		0.4639			0.0100	10.5		20.0			
1,3-Dimethylnaphthalene	1.1845	1.1795	1.1244	1.1754 1.1289	1.1619	Ave		1.1591				2.3		20.0			
Dimethyl phthalate	1.2438	1.2240	1.1835	1.2561 1.2314	1.3164	Ave		1.2425			0.0100	3.5		20.0			
Coumarin	0.1658	0.1611	0.1510	0.1729 0.1627	0.1673	Ave		0.1635				4.5		20.0			
2,6-Dinitrotoluene	0.3010	0.2948 0.2975	0.2948 0.2875	0.2927 0.2964	0.3239	Ave		0.2986			0.2000	3.7		20.0			
Acenaphthylene	2.0994	2.0440	1.9763	2.0183 1.9959	2.1902	Ave		2.0540			0.9000	3.9		20.0			
3-Nitroaniline	0.3148	0.3032	0.3071	0.3082 0.3157	0.3372	Ave		0.3144			0.0100	3.9		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.2595	1.2901	1.2420	1.2142 1.2675	1.2227	Ave		1.2493				2.3		20.0			
Acenaphthene	1.2938	1.2238	1.2091	1.2674 1.2069	1.3552	Ave		1.2594			0.9000	4.6		20.0			
2,4-Dinitrophenol	0.1386	0.1562	0.0265 0.1637	0.0790 +++++	0.1217	Lin2	-0.576	0.1595			0.0100				0.9900		0.9900
4-Nitrophenol	0.2022	0.2003	0.2016	0.1769 0.2130	0.2066	Ave		0.2001			0.0100	6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3409	0.3420 0.3414	0.3293 0.3326	0.3447 0.3460	0.3553	Lin2	-0.004	0.3426			0.2000				0.9990		0.9900
Dibenzofuran	1.7957	1.7286	1.6768	1.7635 1.6931	1.9031	Ave		1.7601			0.8000	4.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3240	0.3166	0.3143	0.3060 0.3248	0.3307	Ave		0.3194			0.0100	2.8		20.0			
Diethyl phthalate	1.0988	1.0873	1.0619	1.1330 1.0676	1.1871	Ave		1.1060			0.0100	4.3		20.0			
4-Chlorophenyl phenyl ether	0.6321	0.6042	0.5862	0.6316 0.5810	0.6687	Ave		0.6173			0.4000	5.4		20.0			
Fluorene	1.3951	1.3326	1.2905	1.3929 1.2938	1.4901	Ave		1.3658			0.9000	5.6		20.0			
4-Nitroaniline	0.2633	0.2644	0.2647	0.2549 0.2426	0.2836	Ave		0.2622			0.0100	5.1		20.0			
4,6-Dinitro-2-methylphenol	0.1249	0.1379	0.0634 0.1433	0.0942 0.1500	0.1196	Lin2	-0.332	0.1402			0.0100				0.9950		0.9900
N-Nitrosodiphenylamine	0.6988	0.6882	0.6727 0.6689	0.6779 0.6710	0.7246	Ave		0.6860			0.0100	2.9		20.0			
1,2-Diphenylhydrazine	0.9587	0.9522	0.9115	0.9033 0.9137	0.9845	Ave		0.9373				3.5		20.0			
4-Bromophenyl phenyl ether	0.2737	0.2698	0.2656	0.2562 0.2718	0.2814	Ave		0.2698			0.1000	3.1		20.0			
Hexachlorobenzene	0.2539 0.2801	0.2651 0.2822	0.2556 0.2812	0.2575 0.2840	0.2837	Ave		0.2715			0.1000	4.8		20.0			
Pentachlorophenol	0.1426	0.1513	0.0675 0.1570	0.1049 0.1597	0.1317	Lin2	-0.369	0.1542			0.0500				0.9970		0.9900
Pentachloronitrobenzene	0.0899	0.0937	0.0915	0.0828 0.0960	0.0864	Ave		0.0901			0.0100	5.4		20.0			
n-Octadecane	1.0731	1.0427	0.9943	0.9683 0.9448	1.0885	Ave		1.0186				5.7		20.0			
Phenanthrene	1.1866	1.1708	1.1477	1.1603 1.1782	1.2237	Ave		1.1779			0.7000	2.2		20.0			
Anthracene	1.1899	1.1779	1.1645	1.1732 1.1727	1.2432	Ave		1.1869			0.7000	2.4		20.0			
Carbazole	0.9312	0.9229	0.9355	0.9039 0.9464	0.9637	Ave		0.9339			0.0100	2.2		20.0			
Di-n-butyl phthalate	1.0866	1.0840	1.1115	1.0249 1.1224	1.1064	Ave		1.0893			0.0100	3.2		20.0			
Fluoranthene	0.9291	0.9345	0.9496	0.8708 0.9505	0.9395	Ave		0.9290			0.6000	3.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.4329	0.4268	0.5016	0.3293 0.4944	0.3565	Ave		0.4236				16.6		20.0			
Pyrene	1.6445	1.6737	1.6561	1.8474 1.7497	1.7393	Ave		1.7184			0.6000	4.5		20.0			
Bisphenol-A	0.4879	0.4954	0.5531	0.3947 0.5625	0.4912	Ave		0.4975				12.1		20.0			
Butyl benzyl phthalate	0.6152	0.6203	0.6318	0.5917 0.6422	0.6159	Ave		0.6195			0.0100	2.8		20.0			
2,3,7,8-TCDD		0.1626				Ave		0.1626						20.0			
Carbamazepine	0.3217	0.3628	0.3929	0.1812 0.4124	0.2522	Lin2	-1.161	0.3962			0.0100				0.9950		0.9900
3,3'-Dichlorobenzidine	0.4364	0.4229	0.3041 0.4229	0.3595 0.4443	0.3843	Ave		0.3963			0.0100	12.8		20.0			
Benzo[a]anthracene	1.4413 1.2014	1.3057 1.1834	1.1908 1.1816	1.1590 1.2096	1.2388	Ave		1.2346			0.8000	7.2		20.0			
Bis(2-ethylhexyl) phthalate	0.8552	0.8612	0.8881	0.7810 0.8999	0.8529	Ave		0.8564			0.0100	4.9		20.0			
Chrysene	1.0902	1.0281	1.0442	1.0642 1.0718	1.1284	Ave		1.0711			0.7000	3.3		20.0			
Di-n-octyl phthalate	1.9107	1.8503	1.8873	1.5770 1.8605	1.7907	Ave		1.8127			0.0100	6.8		20.0			
Benzo[b]fluoranthene	1.3249 1.3378	1.2274 1.2520	1.2006 1.3098	1.2023 1.2741	1.3131	Ave		1.2713			0.7000	4.2		20.0			
Benzo[k]fluoranthene	1.3458 1.3325	1.3112 1.3257	1.2602 1.2717	1.2068 1.3460	1.4000	Ave		1.3111			0.7000	4.3		20.0			
Benzo[a]pyrene	1.1615 1.1501	1.1451 1.1371	1.0717 1.1251	1.0574 1.1736	1.1698	Ave		1.1324			0.7000	3.7		20.0			
Indeno[1,2,3-cd]pyrene	0.9091 0.8256	0.7914 0.9008	0.7119 0.9517	0.8236 1.0119	0.8286	Ave		0.8616			0.5000	10.5		20.0			
Dibenz(a,h)anthracene	0.7855 0.8602	0.7558 0.9070	0.7978 0.9368	0.8283 0.9979	0.8620	Ave		0.8590			0.4000	9.1		20.0			
Benzo[g,h,i]perylene	0.8346	0.8752	0.9209	0.8005 0.9787	0.8376	Ave		0.8746			0.5000	7.5		20.0			
2-Fluorophenol	1.3857	1.2267 1.3536	1.1412 1.3685	1.1915 1.3149	1.3975	Ave		1.2975				7.5		20.0			
Phenol-d5	1.7033	1.6126 1.6040	1.5166 1.6238	1.5218 1.5298	1.7423	Ave		1.6068				5.2		20.0			
Nitrobenzene-d5	0.3554 0.3886	0.3677 0.3731	0.3357 0.3773	0.3437 0.3601	0.3971	Ave		0.3665				5.5		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Fluorobiphenyl	1.6196 1.7523	1.5773 1.7142	1.4874 1.7507	1.5214 1.6830	1.7426	Ave		1.6498				6.2		20.0			
2,4,6-Tribromophenol	 0.1928	0.1661 0.1879	0.1561 0.1920	0.1742 0.1945	0.1985	Ave		0.1828				8.4		20.0			
Terphenyl-d14	1.2888 1.2069	1.2539 1.2369	1.0690 1.2750	1.1972 1.2947	1.2524	Ave		1.2305				5.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-332733/10	z38193.D
Level 2	STD1 460-332733/9	z38192.D
Level 3	STD2 460-332733/8	z38191.D
Level 4	STD5 460-332733/7	z38190.D
Level 5	STD10 460-332733/6	z38189.D
Level 6	STD20 460-332733/5	z38188.D
Level 7	ICIS 460-332733/2	z38185.D
Level 8	STD80 460-332733/4	z38187.D
Level 9	STD120 460-332733/3	z38186.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	52853	128636	184597	13587 272966	27993	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	78535	191606	283211	19477 413247	42330	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	134630	318652	480018	32771 709331	73080	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	158277	388831	555044	38815 790632	86664	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	190846	457191	659823	47334 927801	101827	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	3924 121174	6842 292231	13004 429009	31122 676309	66885	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	125159	296991	431250	31443 616084	68471	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	195490	453778	622536	52706 874022	109339	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	143830	340254	499088	36204 724729	78688	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	144928	343290	501770	37321 716349	79935	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	75147	178542	262399	18536 371610	41508	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	137297	324102	466871	35603 657058	74076	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	106223	253898	364135	27807 517667	59583	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	240792	557900	774191	63728 1077026	133438	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	2556 80743	5052 187978	9082 270905	21655 389758	46161	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	148058	338711	487781	39054 707048	83021	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCB	Ave	118288	276196	364316	31769 569495	66410	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	118288	276196	364316	31769 569495	66410	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	1578 50803	3013 120496	5480 177041	13224 253646	28134	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	4941 160718	9486 373237	17661 531788	43325 757599	86556	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	5040 174866	10228 421565	18789 593210	47238 858675	90564	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	194067	449165	21529 641240	50964 867711	108843	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	63743	150139	220308	16385 322430	35416	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	99812	232091	335094	26271 475713	56499	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	126746	295917	428277	33334 616724	70670	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	48447	117898	175158	6101 268350	23085	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	94256	220571	316752	24233 449311	51879	20.0	50.0	80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	3089 101104	6071 238078	10897 348540	25976 499830	56094	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	329072	758698	1092000	86920 1551214	184684	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	130649	297545	420900	34483 598298	72934	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	58179	3284 135935	6062 204646	14861 292024	31390	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	80646	183272	263725	21453 383522	46521	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	223863	514122	727743	59352 1044445	126473	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	191992	440023	626883	51037 890017	107932	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	57017	143995	211450	12299 310691	29919	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	90999	206334	293269	23843 417660	49796	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	139031	330324	462780	37883 680646	73819	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	55519	129146	5837 185183	14619 274564	31298	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	58439	129335	188344	15139 276910	32820	20.0	50.0	80.0	5.00 120	10.0
Diphenyl	ANT	Ave	246393	563952	794790	66338 1117894	139755	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	183774	411272	589238	49118 842576	102735	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	125199	295020	416321	34074 609084	66813	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	64046	145037	180906	17606 249562	37708	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	155069	357303	490774	43184 709945	83453	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	162828	370802	516579	46150 774398	94544	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	52592	123498	170801	14660 262003	28395	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	39410	2411 90136	4359 125499	10753 186367	23264	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	274830	619185	862623	74153 1255183	157303	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	41204	91841	134055	11322 198560	24218	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	164882	390815	542136	44609 797093	87814	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	169371	370735	527743	46564 758997	97333	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2	36279	94618	784 142942	5804 +++++	17483	40.0	100	4.00 160	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	52950	121353	175975	12996 267958	29677	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Lin2	44632	2797 103422	4869 145182	12665 217600	25520	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	235070	523640	731910	64791 1064757	136684	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	42415	95923	137169	11244 204233	23754	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	143840	329377	463510	41628 671386	85262	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	82743	183039	255871	23206 365359	48026	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	182638	403683	563282	51175 813622	107022	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	34473	80089	115539	9364 152543	20367	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	43100	107961	2638 161754	9656 248599	23486	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	241095	538956	28001 754949	69453 1111814	142303	40.0	100	4.00 160	10.0 240	20.0
1,2-Diphenylhydrazine	PHN	Ave	165381	372826	514388	46272 756952	96673	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	47210	105643	149863	13125 225181	27635	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1541 48315	3220 110500	5319 158684	13192 235243	27853	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Lin2	49209	118453	2810 177184	10744 264643	25854	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	15508	36685	51641	4244 79563	8484	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	185111	408271	561120	49603 782738	106877	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	204678	458447	647640	59437 976099	120156	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	205252	461229	657139	60098 971542	122068	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	160631	361375	527933	46302 784055	94630	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	187429	424453	627216	52501 929827	108643	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	160275	365897	535855	44606 787460	92254	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	74673	167109	283084	16869 409564	35006	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	160339	359253	536330	44955 776021	92683	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	47567	106337	179134	9605 249458	26173	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	59983	133146	204622	14399 284817	32820	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 15:12 Calibration End Date: 11/02/2015 18:27 Calibration ID: 53093

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		349					0.500			
Carbamazepine	CRY	Lin2	31366	77872	127260	4409 182888	13438	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	42553	90780	3101 136960	8747 197052	20478	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	4054 117139	8040 254002	12145 382679	28204 536495	66013	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	83389	184852	287623	19004 399138	45450	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	106296	220667	338176	25897 475367	60127	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	121286	261991	407961	25944 562563	65311	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	2530 84921	5025 177271	8864 283125	19780 385246	47894	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	2570 84582	5368 187714	9304 274900	19854 406983	51061	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2218 73007	4688 160998	7912 243209	17396 354860	42665	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	1736 52408	3240 127545	5256 205727	13549 305955	30222	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	1500 54606	3094 128421	5890 202499	13626 301736	31441	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	52980	123921	199062	13170 295922	30549	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCB	Ave	124115	6122 297910	10944 446046	28341 619068	64819	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCB	Ave	152561	8048 353023	14544 529230	36197 720234	80813	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	3327 123243	6748 286083	11675 426854	29139 579956	67422	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	6665 229400	12899 519291	21993 764187	55898 1058365	125159	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Ave	25236	1358 56927	2308 83812	6399 122321	14257	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	3625 117680	7721 265500	10902 412928	29132 574236	66737	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38185.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 02-Nov-2015 15:12:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-002
Misc. Info.: ICIS
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:37 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 15:57:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.712	1.712	0.000	90	128636	50.0	50.2	
2 N-Nitrosodimethylamine	74	1.948	1.948	0.000	81	191606	50.0	50.0	
3 Pyridine	79	1.977	1.977	0.000	77	318652	50.0	48.9	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	90	297910	50.0	52.2	
$ 6 Phenol-d5	99	4.024	4.024	0.000	95	353023	50.0	49.9	
7 Phenol	94	4.036	4.036	0.000	98	388831	50.0	50.9	
8 Aniline	93	4.048	4.048	0.000	99	457191	50.0	50.3	
9 Bis(2-chloroethyl)ether	93	4.112	4.112	0.000	91	292231	50.0	48.0	
10 Benzonitrile	103	4.142	4.142	0.000	0	546943	NC	NC	
11 2-Chlorophenol	128	4.171	4.171	0.000	92	296991	50.0	49.5	
12 n-Decane	43	4.218	4.218	0.000	89	453778	50.0	49.2	
13 1,3-Dichlorobenzene	146	4.324	4.324	0.000	96	340254	50.0	49.1	
* 14 1,4-Dichlorobenzene-d4	152	4.377	4.377	0.000	95	176071	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.395	4.395	0.000	95	343290	50.0	49.1	
16 Benzyl alcohol	108	4.524	4.524	0.000	93	178542	50.0	49.5	
17 1,2-Dichlorobenzene	146	4.547	4.547	0.000	97	324102	50.0	49.5	
18 2-Methylphenol	108	4.636	4.636	0.000	91	253898	50.0	49.4	
19 2,2'-oxybis[1-chloropropan	45	4.653	4.653	0.000	94	557900	50.0	49.2	
20 N-Methylaniline	106	4.777	4.777	0.000	0	417460	NC	NC	
22 Acetophenone	105	4.789	4.789	0.000	93	338711	50.0	48.0	
21 N-Nitrosodi-n-propylamine	70	4.795	4.795	0.000	92	187978	50.0	46.4	
23 3 & 4 Methylphenol	108	4.800	4.800	0.000	96	276196	50.0	49.1	
24 4-Methylphenol	108	4.800	4.800	0.000	93	276196	50.0	49.1	
25 Hexachloroethane	117	4.889	4.889	0.000	97	120496	50.0	47.8	
$ 26 Nitrobenzene-d5	82	4.942	4.942	0.000	92	286083	50.0	50.9	
27 Nitrobenzene	77	4.965	4.965	0.000	91	373237	50.0	48.6	
28 n,n'-Dimethylaniline	120	4.965	4.965	0.000	89	421565	50.0	49.5	
31 Isophorone	82	5.206	5.206	0.000	98	449165	50.0	49.2	
32 2-Nitrophenol	139	5.277	5.277	0.000	90	150139	50.0	49.2	
33 2,4-Dimethylphenol	122	5.330	5.330	0.000	92	232091	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.418	5.418	0.000	95	295917	50.0	49.1	
35 Benzoic acid	122	5.483	5.483	0.000	91	117898	50.0	48.3	
36 2,4-Dichlorophenol	162	5.524	5.524	0.000	95	220571	50.0	49.7	
37 1,2,4-Trichlorobenzene	180	5.606	5.606	0.000	94	238078	50.0	48.9	
* 38 Naphthalene-d8	136	5.659	5.659	0.000	99	613378	40.0	40.0	
39 Naphthalene	128	5.683	5.683	0.000	99	758698	50.0	48.9	
40 4-Chloroaniline	127	5.742	5.742	0.000	95	297545	50.0	48.9	
41 Hexachlorobutadiene	225	5.812	5.812	0.000	96	135935	50.0	49.4	
43 4-Chloro-3-methylphenol	107	6.230	6.230	0.000	97	183272	50.0	48.1	
44 2-Methylnaphthalene	142	6.377	6.377	0.000	87	514122	50.0	48.9	
45 1-Methylnaphthalene	142	6.477	6.477	0.000	93	440023	50.0	48.9	
46 Hexachlorocyclopentadiene	237	6.547	6.547	0.000	89	143995	50.0	54.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.553	6.553	0.000	97	206334	50.0	50.4	
48 2-tertbutyl-4-methylphenol	149	6.583	6.583	0.000	93	330324	50.0	50.0	
49 2,4,6-Trichlorophenol	196	6.665	6.665	0.000	89	129146	50.0	50.8	
50 2,4,5-Trichlorophenol	196	6.700	6.700	0.000	95	129335	50.0	49.0	
$ 51 2-Fluorobiphenyl	172	6.747	6.747	0.000	98	519291	50.0	52.0	
52 1,1'-Biphenyl	154	6.847	6.847	0.000	95	563952	50.0	50.3	
53 2-Chloronaphthalene	162	6.865	6.865	0.000	97	411272	50.0	49.6	
54 Phenyl ether	170	6.947	6.947	0.000	88	295020	50.0	51.2	
55 2-Nitroaniline	65	6.971	6.971	0.000	98	145037	50.0	51.6	
57 1,3-Dimethylnaphthalene	156	7.083	7.083	0.000	93	357303	50.0	50.9	
58 Dimethyl phthalate	163	7.159	7.159	0.000	98	370802	50.0	49.3	
59 Coumarin	146	7.177	7.177	0.000	82	123498	50.0	49.3	
60 2,6-Dinitrotoluene	165	7.212	7.212	0.000	32	90136	50.0	49.8	
63 Acenaphthylene	152	7.277	7.277	0.000	98	619185	50.0	49.8	
64 3-Nitroaniline	138	7.383	7.383	0.000	92	91841	50.0	48.2	
* 65 Acenaphthene-d10	164	7.418	7.418	0.000	97	242347	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.447	7.447	0.000	94	390815	50.0	51.6	
67 Acenaphthene	154	7.453	7.453	0.000	93	370735	50.0	48.6	
68 2,4-Dinitrophenol	184	7.488	7.488	0.000	45	94618	100.0	101.6	
69 4-Nitrophenol	65	7.559	7.559	0.000	92	121353	100.0	100.1	
70 2,4-Dinitrotoluene	165	7.612	7.612	0.000	93	103422	50.0	49.8	
71 Dibenzofuran	168	7.624	7.624	0.000	93	523640	50.0	49.1	
72 2,3,4,6-Tetrachlorophenol	232	7.747	7.747	0.000	93	95923	50.0	49.6	
73 Diethyl phthalate	149	7.853	7.853	0.000	98	329377	50.0	49.2	
75 4-Chlorophenyl phenyl ethe	204	7.959	7.959	0.000	87	183039	50.0	48.9	
74 Fluorene	166	7.965	7.965	0.000	97	403683	50.0	48.8	
76 4-Nitroaniline	138	7.994	7.994	0.000	93	80089	50.0	50.4	
77 4,6-Dinitro-2-methylphenol	198	8.024	8.024	0.000	84	107961	100.0	100.7	
78 N-Nitrosodiphenylamine	169	8.083	8.083	0.000	67	538956	100.0	100.3	
79 1,2-Diphenylhydrazine	77	8.118	8.118	0.000	98	372826	50.0	50.8	
$ 80 2,4,6-Tribromophenol	330	8.206	8.206	0.000	93	56927	50.0	51.4	
81 4-Bromophenyl phenyl ether	248	8.441	8.441	0.000	91	105643	50.0	50.0	
82 Hexachlorobenzene	284	8.518	8.518	0.000	96	110500	50.0	52.0	
84 Pentachlorophenol	266	8.712	8.712	0.000	95	118453	100.0	100.5	
85 Pentachloronitrobenzene	237	8.724	8.724	0.000	90	36685	50.0	52.0	
86 n-Octadecane	57	8.788	8.788	0.000	88	408271	50.0	51.2	
* 87 Phenanthrene-d10	188	8.888	8.888	0.000	99	313247	40.0	40.0	
88 Phenanthrene	178	8.918	8.918	0.000	97	458447	50.0	49.7	
89 Anthracene	178	8.965	8.965	0.000	98	461229	50.0	49.6	
90 Carbazole	167	9.124	9.124	0.000	96	361375	50.0	49.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.465	9.465	0.000	100	424453	50.0	49.8	
92 Fluoranthene	202	10.088	10.088	0.000	98	365897	50.0	50.3	
93 Benzidine	184	10.218	10.218	0.000	100	167109	50.0	50.4	
94 Pyrene	202	10.318	10.318	0.000	97	359253	50.0	48.7	
95 Bisphenol-A	213	10.365	10.365	0.000	99	106337	50.0	49.8	
$ 96 Terphenyl-d14	244	10.477	10.477	0.000	99	265500	50.0	50.3	
97 Butyl benzyl phthalate	149	11.012	11.012	0.000	97	133146	50.0	50.1	
98 2,3,7,8-TCDD	320	11.124	11.124	0.000	1	349	0.5000	0.5000	
99 Carbamazepine	193	11.141	11.141	0.000	95	77872	50.0	48.7	
100 3,3'-Dichlorobenzidine	252	11.647	11.647	0.000	99	90780	50.0	53.4	
101 Benzo[a]anthracene	228	11.676	11.676	0.000	99	254002	50.0	47.9	
* 102 Chrysene-d12	240	11.694	11.694	0.000	99	171715	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.718	11.718	0.000	91	184852	50.0	50.3	
103 Chrysene	228	11.723	11.723	0.000	99	220667	50.0	48.0	
105 Di-n-octyl phthalate	149	12.588	12.588	0.000	98	261991	50.0	51.0	
106 Benzo[b]fluoranthene	252	13.106	13.106	0.000	99	177271	50.0	49.2	
107 Benzo[k]fluoranthene	252	13.147	13.147	0.000	99	187714	50.0	50.6	
108 Benzo[a]pyrene	252	13.559	13.559	0.000	97	160998	50.0	50.2	
* 109 Perylene-d12	264	13.635	13.635	0.000	98	113274	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.194	15.194	0.000	99	127545	50.0	52.3	
111 Dibenz(a,h)anthracene	278	15.229	15.229	0.000	96	128421	50.0	52.8	
112 Benzo[g,h,i]perylene	276	15.629	15.629	0.000	97	123921	50.0	50.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

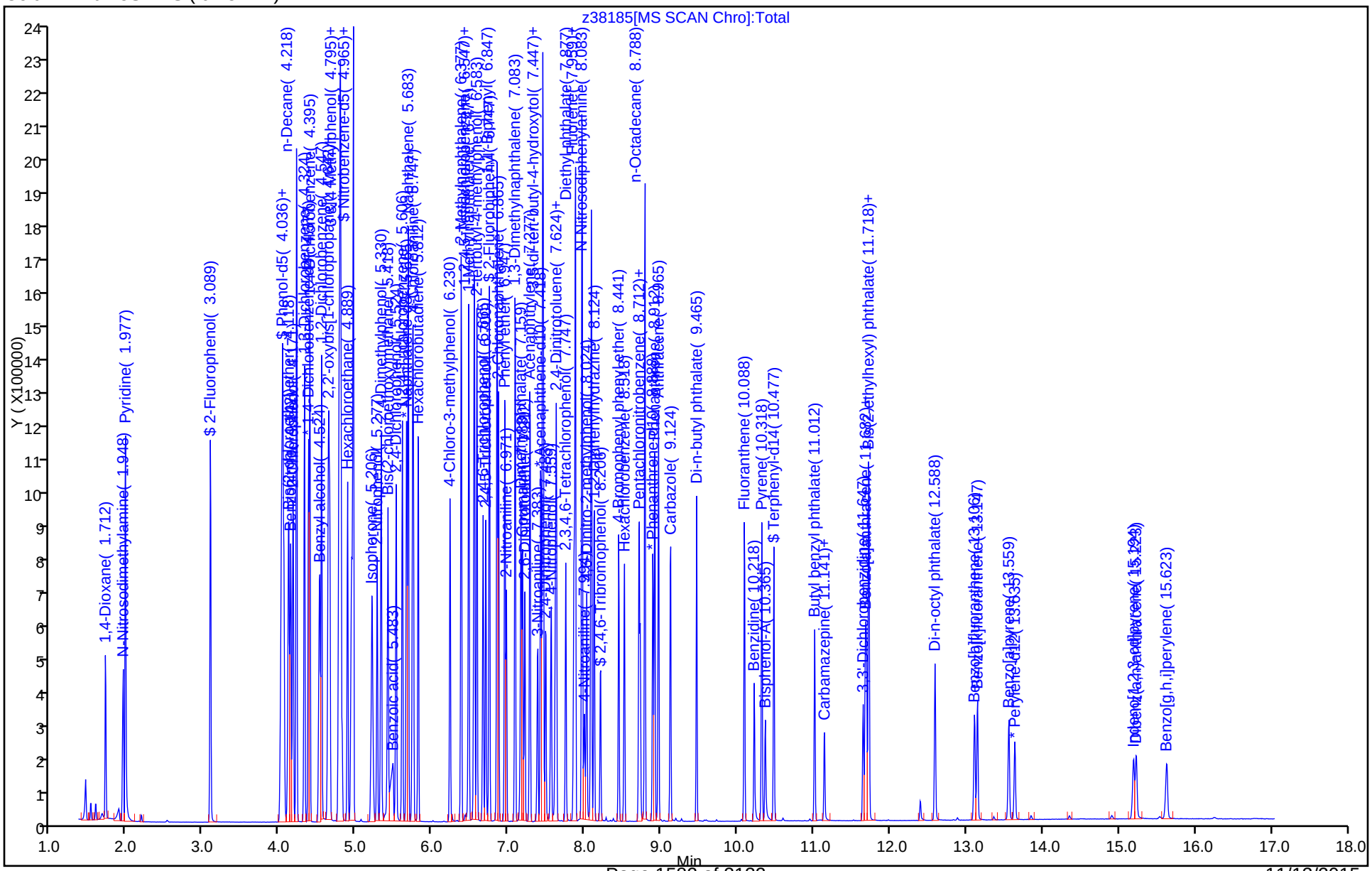
Report Date: 03-Nov-2015 00:23:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38185.D

Injection Date:	02-Nov-2015 15:12:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38186.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Nov-2015 15:43:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:41 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 16:35:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.707	1.712	-0.006	90	272966	120.0	119.4	
2 N-Nitrosodimethylamine	74	1.954	1.948	0.006	81	413247	120.0	120.9	
3 Pyridine	79	1.971	1.977	-0.006	77	709331	120.0	122.1	
$ 4 2-Fluorophenol	112	3.095	3.089	0.006	90	619068	120.0	121.6	
$ 6 Phenol-d5	99	4.048	4.024	0.024	87	720234	120.0	114.2	
7 Phenol	94	4.065	4.036	0.029	97	790632	120.0	116.1	
8 Aniline	93	4.071	4.048	0.023	97	927801	120.0	114.5	
9 Bis(2-chloroethyl)ether	93	4.130	4.112	0.018	88	676309	120.0	124.7	
10 Benzonitrile	103	4.165	4.142	0.023	0	1154399	NC	NC	
11 2-Chlorophenol	128	4.189	4.171	0.018	93	616084	120.0	115.2	
12 n-Decane	43	4.230	4.218	0.012	89	874022	120.0	106.2	
13 1,3-Dichlorobenzene	146	4.330	4.324	0.006	96	724729	120.0	117.4	
* 14 1,4-Dichlorobenzene-d4	152	4.383	4.377	0.006	96	156935	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.400	4.395	0.005	95	716349	120.0	114.9	
16 Benzyl alcohol	108	4.548	4.524	0.024	94	371610	120.0	115.5	
17 1,2-Dichlorobenzene	146	4.553	4.547	0.006	97	657058	120.0	112.6	
18 2-Methylphenol	108	4.653	4.636	0.017	90	517667	120.0	112.9	
19 2,2'-oxybis[1-chloropropan	45	4.665	4.653	0.012	94	1077026	120.0	106.7	
20 N-Methylaniline	106	4.789	4.777	0.012	0	878015	NC	NC	
22 Acetophenone	105	4.806	4.789	0.017	97	707048	120.0	112.4	
21 N-Nitrosodi-n-propylamine	70	4.847	4.795	0.052	92	389758	120.0	108.0	
23 3 & 4 Methylphenol	108	4.824	4.800	0.024	96	569495	120.0	113.5	
24 4-Methylphenol	108	4.824	4.800	0.024	93	569495	120.0	113.5	
25 Hexachloroethane	117	4.895	4.889	0.006	97	253646	120.0	113.0	
$ 26 Nitrobenzene-d5	82	4.959	4.942	0.017	94	579956	120.0	117.9	
27 Nitrobenzene	77	4.983	4.965	0.018	82	757599	120.0	112.7	
28 n,n'-Dimethylaniline	120	4.983	4.965	0.018	92	858675	120.0	113.1	
31 Isophorone	82	5.236	5.206	0.030	98	867711	120.0	108.7	
32 2-Nitrophenol	139	5.289	5.277	0.012	92	322430	120.0	120.8	
33 2,4-Dimethylphenol	122	5.347	5.330	0.017	92	475713	120.0	114.9	
34 Bis(2-chloroethoxy)methane	93	5.430	5.418	0.012	95	616724	120.0	117.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.536	5.483	0.053	90	268350	120.0	121.3	
36 2,4-Dichlorophenol	162	5.542	5.524	0.018	95	449311	120.0	115.8	
37 1,2,4-Trichlorobenzene	180	5.612	5.606	0.006	95	499830	120.0	117.3	
* 38 Naphthalene-d8	136	5.671	5.659	0.012	98	536819	40.0	40.0	
39 Naphthalene	128	5.694	5.683	0.011	99	1551214	120.0	114.3	
40 4-Chloroaniline	127	5.759	5.742	0.017	96	598298	120.0	112.4	
41 Hexachlorobutadiene	225	5.824	5.812	0.012	98	292024	120.0	121.2	
43 4-Chloro-3-methylphenol	107	6.242	6.230	0.012	97	383522	120.0	115.0	
44 2-Methylnaphthalene	142	6.389	6.377	0.012	86	1044445	120.0	113.5	
45 1-Methylnaphthalene	142	6.489	6.477	0.012	93	890017	120.0	112.9	
46 Hexachlorocyclopentadiene	237	6.553	6.547	0.006	98	310691	120.0	134.7	
47 1,2,4,5-Tetrachlorobenzene	216	6.565	6.553	0.012	98	417660	120.0	117.9	
48 2-tertbutyl-4-methylphenol	149	6.594	6.583	0.011	93	680646	120.0	117.8	
49 2,4,6-Trichlorophenol	196	6.677	6.665	0.012	90	274564	120.0	124.8	
50 2,4,5-Trichlorophenol	196	6.712	6.700	0.012	98	276910	120.0	121.3	
$ 51 2-Fluorobiphenyl	172	6.759	6.747	0.012	98	1058365	120.0	122.4	
52 1,1'-Biphenyl	154	6.859	6.847	0.012	95	1117894	120.0	115.4	
53 2-Chloronaphthalene	162	6.877	6.865	0.012	98	842576	120.0	117.4	
54 Phenyl ether	170	6.959	6.947	0.012	86	609084	120.0	122.1	
55 2-Nitroaniline	65	6.983	6.971	0.012	96	249562	120.0	102.6	
57 1,3-Dimethylnaphthalene	156	7.094	7.083	0.011	92	709945	120.0	116.9	
58 Dimethyl phthalate	163	7.183	7.159	0.024	99	774398	120.0	118.9	
59 Coumarin	146	7.200	7.177	0.023	85	262003	120.0	119.4	
60 2,6-Dinitrotoluene	165	7.230	7.212	0.018	94	186367	120.0	119.1	
63 Acenaphthylene	152	7.289	7.277	0.011	98	1255183	120.0	116.6	
64 3-Nitroaniline	138	7.400	7.383	0.017	93	198560	120.0	120.5	
* 65 Acenaphthene-d10	164	7.430	7.418	0.012	96	209622	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.453	7.447	0.006	98	797093	120.0	121.7	
67 Acenaphthene	154	7.465	7.453	0.012	94	758997	120.0	115.0	
68 2,4-Dinitrophenol	184	7.506	7.488	0.018	95	218853	240.0	273.6	
69 4-Nitrophenol	65	7.577	7.559	0.018	92	267958	240.0	255.5	
70 2,4-Dinitrotoluene	165	7.630	7.612	0.018	96	217600	120.0	121.2	
71 Dibenzofuran	168	7.636	7.624	0.012	96	1064757	120.0	115.4	
72 2,3,4,6-Tetrachlorophenol	232	7.759	7.747	0.012	95	204233	120.0	122.0	
73 Diethyl phthalate	149	7.871	7.853	0.018	99	671386	120.0	115.8	
75 4-Chlorophenyl phenyl ethe	204	7.971	7.959	0.012	90	365359	120.0	112.9	
74 Fluorene	166	7.977	7.965	0.012	97	813622	120.0	113.7	
76 4-Nitroaniline	138	8.024	7.994	0.030	95	152543	120.0	111.0	
77 4,6-Dinitro-2-methylphenol	198	8.047	8.024	0.023	87	248599	240.0	259.2	
78 N-Nitrosodiphenylamine	169	8.100	8.083	0.017	65	1111814	240.0	234.7	
79 1,2-Diphenylhydrazine	77	8.136	8.118	0.018	98	756952	120.0	117.0	
$ 80 2,4,6-Tribromophenol	330	8.218	8.206	0.012	94	122321	120.0	127.7	
81 4-Bromophenyl phenyl ether	248	8.453	8.441	0.012	92	225181	120.0	120.9	
82 Hexachlorobenzene	284	8.530	8.518	0.012	96	235243	120.0	125.5	
84 Pentachlorophenol	266	8.718	8.712	0.006	95	264643	240.0	251.0	
85 Pentachloronitrobenzene	237	8.735	8.724	0.011	90	79563	120.0	128.0	
86 n-Octadecane	57	8.794	8.788	0.006	89	782738	120.0	111.3	
* 87 Phenanthrene-d10	188	8.894	8.888	0.006	99	276149	40.0	40.0	
88 Phenanthrene	178	8.924	8.918	0.006	98	976099	120.0	120.0	
89 Anthracene	178	8.977	8.965	0.012	98	971542	120.0	118.6	
90 Carbazole	167	9.130	9.124	0.006	96	784055	120.0	121.6	
91 Di-n-butyl phthalate	149	9.471	9.465	0.006	100	929827	120.0	123.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.100	10.088	0.012	98	787460	120.0	122.8	
93 Benzidine	184	10.229	10.218	0.011	100	409564	120.0	140.1	
94 Pyrene	202	10.329	10.318	0.011	97	776021	120.0	122.2	
95 Bisphenol-A	213	10.371	10.365	0.006	99	249458	120.0	135.7	
$ 96 Terphenyl-d14	244	10.482	10.477	0.006	99	574236	120.0	126.3	
97 Butyl benzyl phthalate	149	11.018	11.012	0.006	97	284817	120.0	124.4	
99 Carbamazepine	193	11.153	11.141	0.012	92	182888	120.0	127.8	
100 3,3'-Dichlorobenzidine	252	11.659	11.647	0.012	99	197052	120.0	134.5	
101 Benzo[a]anthracene	228	11.688	11.676	0.012	98	536495	120.0	117.6	
* 102 Chrysene-d12	240	11.700	11.694	0.006	99	147840	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.724	11.718	0.006	92	399138	120.0	126.1	
103 Chrysene	228	11.735	11.723	0.012	99	475367	120.0	120.1	
105 Di-n-octyl phthalate	149	12.600	12.588	0.012	98	562563	120.0	123.2	
106 Benzo[b]fluoranthene	252	13.123	13.106	0.017	99	385246	120.0	120.3	
107 Benzo[k]fluoranthene	252	13.159	13.147	0.012	99	406983	120.0	123.2	
108 Benzo[a]pyrene	252	13.570	13.559	0.011	97	354860	120.0	124.4	
* 109 Perylene-d12	264	13.641	13.635	0.006	98	100789	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.212	15.194	0.018	99	305955	120.0	140.9	
111 Dibenz(a,h)anthracene	278	15.247	15.229	0.018	97	301736	120.0	139.4	
112 Benzo[g,h,i]perylene	276	15.653	15.629	0.024	97	295922	120.0	134.3	
S 119 Total Cresols	1				0			226.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L8_00009 Amount Added: 1.00 Units: mL

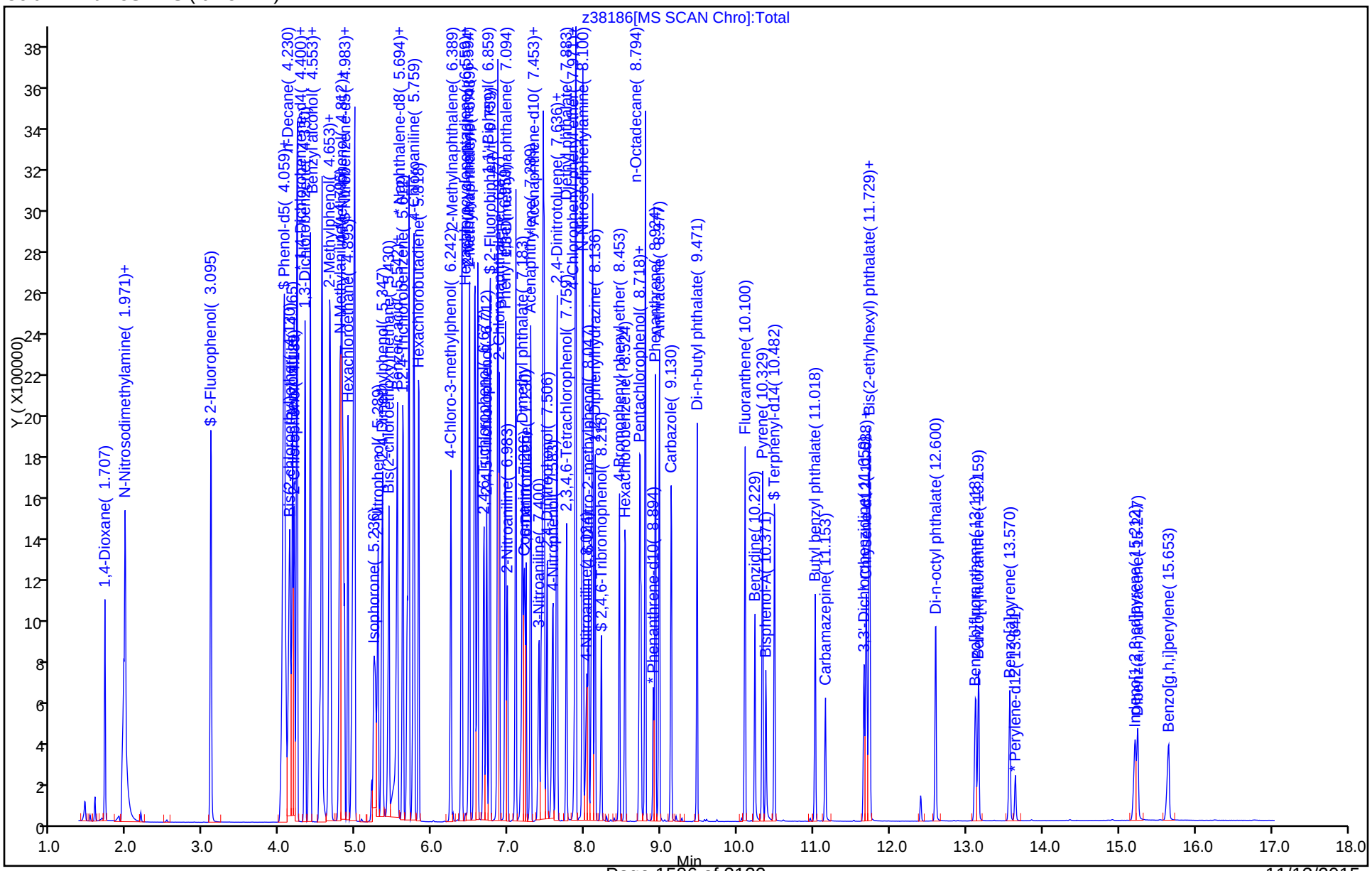
Report Date: 03-Nov-2015 00:23:42 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38186.D

Injection Date:	02-Nov-2015 15:43:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38187.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Nov-2015 16:06:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:45 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:05:03

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.706	1.712	-0.006	90	184597	80.0	77.8	
	2 N-Nitrosodimethylamine	74	1.947	1.948	-0.001	82	283211	80.0	79.8	
	3 Pyridine	79	1.971	1.977	-0.006	77	480018	80.0	79.6	
$	4 2-Fluorophenol	112	3.094	3.089	0.005	92	446046	80.0	84.4	
$	6 Phenol-d5	99	4.030	4.024	0.006	92	529230	80.0	80.8	
	7 Phenol	94	4.047	4.036	0.011	98	555044	80.0	78.5	
	8 Aniline	93	4.053	4.048	0.005	94	659823	80.0	78.4	
	9 Bis(2-chloroethyl)ether	93	4.118	4.112	0.006	91	429009	80.0	76.2	
	10 Benzonitrile	103	4.153	4.142	0.011	0	782299	NC	NC	
	11 2-Chlorophenol	128	4.177	4.171	0.006	94	431250	80.0	77.7	
	12 n-Decane	43	4.224	4.218	0.006	89	622536	80.0	72.9	
	13 1,3-Dichlorobenzene	146	4.324	4.324	0.000	96	499088	80.0	77.9	
*	14 1,4-Dichlorobenzene-d4	152	4.377	4.377	0.000	96	162963	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.394	4.395	-0.001	95	501770	80.0	77.5	
	16 Benzyl alcohol	108	4.530	4.524	0.006	93	262399	80.0	78.6	
	17 1,2-Dichlorobenzene	146	4.547	4.547	0.000	97	466871	80.0	77.0	
	18 2-Methylphenol	108	4.641	4.636	0.005	89	364135	80.0	76.5	
	19 2,2'-oxybis[1-chloropropan	45	4.659	4.653	0.006	95	774191	80.0	73.8	
	20 N-Methylaniline	106	4.783	4.777	0.006	0	594595	NC	NC	
	22 Acetophenone	105	4.800	4.789	0.011	97	487781	80.0	74.7	
	21 N-Nitrosodi-n-propylamine	70	4.806	4.795	0.011	71	270905	80.0	72.3	
	23 3 & 4 Methylphenol	108	4.812	4.800	0.012	96	364316	80.0	69.9	
	24 4-Methylphenol	108	4.812	4.800	0.012	96	364316	80.0	69.9	
	25 Hexachloroethane	117	4.888	4.889	-0.001	97	177041	80.0	76.0	
$	26 Nitrobenzene-d5	82	4.947	4.942	0.005	92	426854	80.0	82.4	
	27 Nitrobenzene	77	4.971	4.965	0.006	84	531788	80.0	75.1	
	28 n,n'-Dimethylaniline	120	4.971	4.965	0.006	96	593210	80.0	75.2	
	31 Isophorone	82	5.218	5.206	0.012	98	641240	80.0	76.2	
	32 2-Nitrophenol	139	5.283	5.277	0.006	91	220308	80.0	78.3	
	33 2,4-Dimethylphenol	122	5.335	5.330	0.005	92	335094	80.0	76.8	
	34 Bis(2-chloroethoxy)methane	93	5.424	5.418	0.006	95	428277	80.0	77.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.506	5.483	0.023	90	175158	80.0	76.1	
36 2,4-Dichlorophenol	162	5.530	5.524	0.006	96	316752	80.0	77.4	
37 1,2,4-Trichlorobenzene	180	5.606	5.606	0.000	94	348540	80.0	77.6	
* 38 Naphthalene-d8	136	5.665	5.659	0.006	99	565668	40.0	40.0	
39 Naphthalene	128	5.688	5.683	0.005	99	1092000	80.0	76.3	
40 4-Chloroaniline	127	5.747	5.742	0.005	95	420900	80.0	75.0	
41 Hexachlorobutadiene	225	5.818	5.812	0.006	98	204646	80.0	80.6	
43 4-Chloro-3-methylphenol	107	6.235	6.230	0.005	97	263725	80.0	75.0	
44 2-Methylnaphthalene	142	6.382	6.377	0.005	86	727743	80.0	75.1	
45 1-Methylnaphthalene	142	6.477	6.477	0.000	96	626883	80.0	75.5	
46 Hexachlorocyclopentadiene	237	6.547	6.547	0.000	98	211450	80.0	88.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.553	6.553	0.000	97	293269	80.0	79.5	
48 2-tertbutyl-4-methylphenol	149	6.588	6.583	0.005	93	462780	80.0	76.0	
49 2,4,6-Trichlorophenol	196	6.665	6.665	0.000	90	185183	80.0	80.8	
50 2,4,5-Trichlorophenol	196	6.700	6.700	0.000	98	188344	80.0	79.2	
$ 51 2-Fluorobiphenyl	172	6.747	6.747	0.000	98	764187	80.0	84.9	
52 1,1'-Biphenyl	154	6.847	6.847	0.000	95	794790	80.0	78.8	
53 2-Chloronaphthalene	162	6.871	6.865	0.006	99	589238	80.0	78.8	
54 Phenyl ether	170	6.953	6.947	0.006	86	416321	80.0	80.2	
55 2-Nitroaniline	65	6.971	6.971	0.000	96	180906	80.0	71.5	
57 1,3-Dimethylnaphthalene	156	7.088	7.083	0.005	93	490774	80.0	77.6	
58 Dimethyl phthalate	163	7.165	7.159	0.006	99	516579	80.0	76.2	
59 Coumarin	146	7.182	7.177	0.005	83	170801	80.0	73.9	
60 2,6-Dinitrotoluene	165	7.218	7.212	0.006	94	125499	80.0	77.0	
63 Acenaphthylene	152	7.282	7.277	0.005	98	862623	80.0	77.0	
64 3-Nitroaniline	138	7.382	7.383	-0.001	93	134055	80.0	78.2	
* 65 Acenaphthene-d10	164	7.418	7.418	0.000	96	218246	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.447	7.447	0.000	98	542136	80.0	79.5	
67 Acenaphthene	154	7.453	7.453	0.000	94	527743	80.0	76.8	
68 2,4-Dinitrophenol	184	7.494	7.488	0.006	95	142942	160.0	167.9	
69 4-Nitrophenol	65	7.565	7.559	0.006	92	175975	160.0	161.2	
70 2,4-Dinitrotoluene	165	7.618	7.612	0.006	96	145182	80.0	77.7	
71 Dibenzofuran	168	7.624	7.624	0.000	96	731910	80.0	76.2	
72 2,3,4,6-Tetrachlorophenol	232	7.747	7.747	0.000	95	137169	80.0	78.7	
73 Diethyl phthalate	149	7.859	7.853	0.006	99	463510	80.0	76.8	
75 4-Chlorophenyl phenyl ethe	204	7.959	7.959	0.000	88	255871	80.0	76.0	
74 Fluorene	166	7.965	7.965	0.000	96	563282	80.0	75.6	
76 4-Nitroaniline	138	8.000	7.994	0.006	94	115539	80.0	80.8	
77 4,6-Dinitro-2-methylphenol	198	8.029	8.024	0.005	86	161754	160.0	165.9	
78 N-Nitrosodiphenylamine	169	8.088	8.083	0.005	66	754949	160.0	156.0	
79 1,2-Diphenylhydrazine	77	8.124	8.118	0.006	98	514388	80.0	77.8	
$ 80 2,4,6-Tribromophenol	330	8.206	8.206	0.000	95	83812	80.0	84.1	
81 4-Bromophenyl phenyl ether	248	8.441	8.441	0.000	91	149863	80.0	78.8	
82 Hexachlorobenzene	284	8.518	8.518	0.000	96	158684	80.0	82.9	
84 Pentachlorophenol	266	8.712	8.712	0.000	95	177184	160.0	165.3	
85 Pentachloronitrobenzene	237	8.724	8.724	0.000	91	51641	80.0	81.3	
86 n-Octadecane	57	8.782	8.788	-0.006	88	561120	80.0	78.1	
* 87 Phenanthrene-d10	188	8.888	8.888	0.000	99	282155	40.0	40.0	
88 Phenanthrene	178	8.912	8.918	-0.006	98	647640	80.0	77.9	
89 Anthracene	178	8.965	8.965	0.000	98	657139	80.0	78.5	
90 Carbazole	167	9.123	9.124	-0.001	96	527933	80.0	80.1	
91 Di-n-butyl phthalate	149	9.465	9.465	0.000	100	627216	80.0	81.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.088	10.088	0.000	98	535855	80.0	81.8	
93 Benzidine	184	10.218	10.218	0.000	100	283084	80.0	94.7	
94 Pyrene	202	10.318	10.318	0.000	97	536330	80.0	77.1	
95 Bisphenol-A	213	10.359	10.365	-0.006	100	179134	80.0	89.0	
$ 96 Terphenyl-d14	244	10.476	10.477	0.000	99	412928	80.0	82.9	
97 Butyl benzyl phthalate	149	11.006	11.012	-0.006	98	204622	80.0	81.6	
99 Carbamazepine	193	11.135	11.141	-0.006	92	127260	80.0	82.3	
100 3,3'-Dichlorobenzidine	252	11.641	11.647	-0.006	100	136960	80.0	85.4	
101 Benzo[a]anthracene	228	11.670	11.676	-0.006	99	382679	80.0	76.6	
* 102 Chrysene-d12	240	11.688	11.694	-0.006	99	161929	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.712	11.718	-0.006	92	287623	80.0	83.0	
103 Chrysene	228	11.723	11.723	0.000	99	338176	80.0	78.0	
105 Di-n-octyl phthalate	149	12.582	12.588	-0.006	98	407961	80.0	83.3	
106 Benzo[b]fluoranthene	252	13.106	13.106	0.000	99	283125	80.0	82.4	
107 Benzo[k]fluoranthene	252	13.141	13.147	-0.006	99	274900	80.0	77.6	
108 Benzo[a]pyrene	252	13.553	13.559	-0.006	96	243209	80.0	79.5	
* 109 Perylene-d12	264	13.629	13.635	-0.006	98	108083	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.188	15.194	-0.006	99	205727	80.0	88.4	
111 Dibenz(a,h)anthracene	278	15.223	15.229	-0.006	96	202499	80.0	87.2	
112 Benzo[g,h,i]perylene	276	15.623	15.629	-0.006	97	199062	80.0	84.2	
S 119 Total Cresols	1				0			146.4	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L7_00009 Amount Added: 1.00 Units: mL

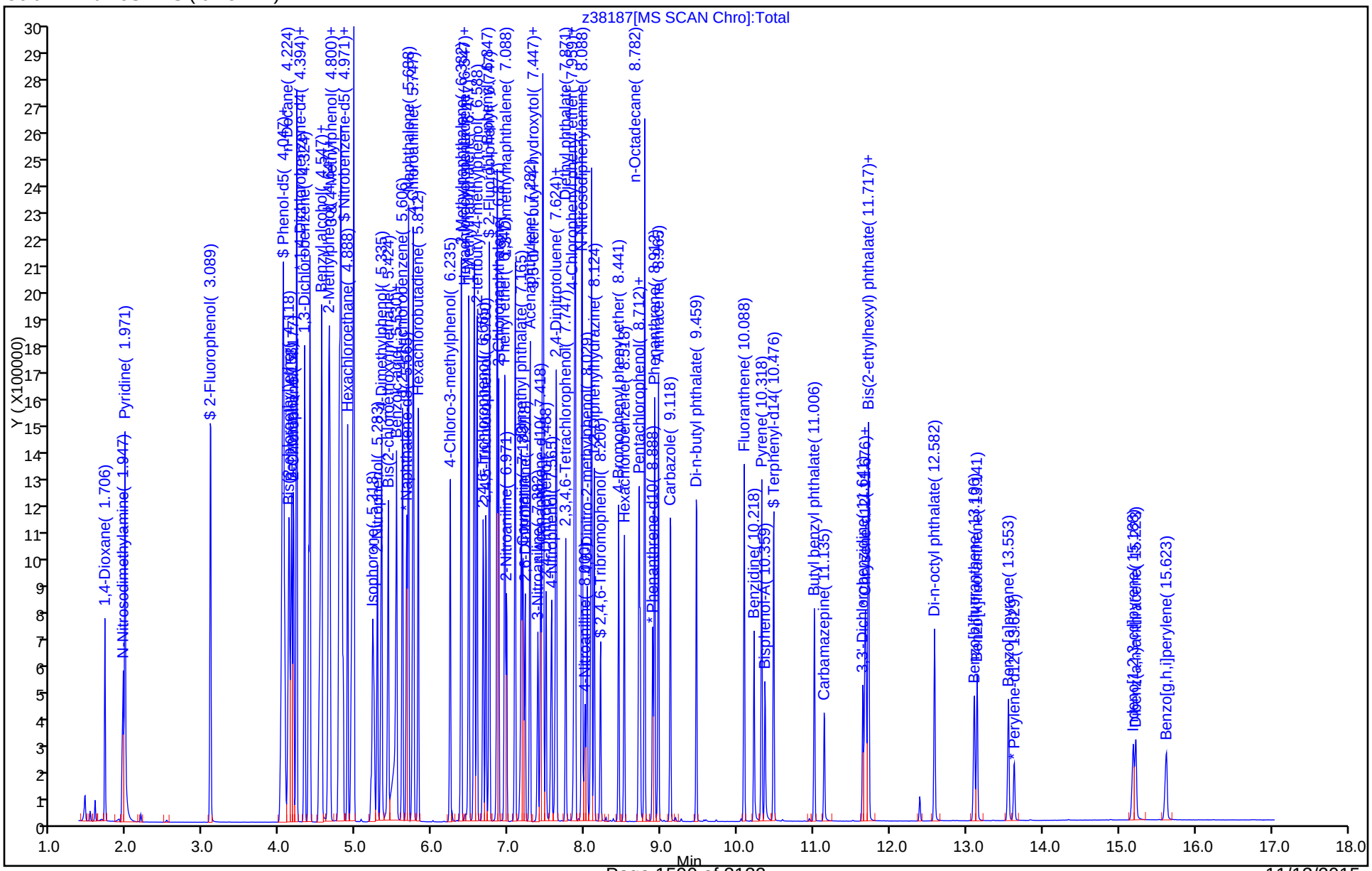
Report Date: 03-Nov-2015 00:23:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38187.D

Injection Date:	02-Nov-2015 16:06:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38188.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Nov-2015 16:29:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:48 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:05:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.718	1.712	0.006	90	52853	20.0	20.3	
2 N-Nitrosodimethylamine	74	1.942	1.948	-0.006	82	78535	20.0	20.1	
3 Pyridine	79	1.977	1.977	0.000	76	134630	20.0	20.3	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	124115	20.0	21.4	
$ 6 Phenol-d5	99	4.006	4.024	-0.018	91	152561	20.0	21.2	
7 Phenol	94	4.018	4.036	-0.018	98	158277	20.0	20.4	
8 Aniline	93	4.036	4.048	-0.012	99	190846	20.0	20.6	
9 Bis(2-chloroethyl)ether	93	4.100	4.112	-0.012	91	121174	20.0	19.6	
10 Benzonitrile	103	4.124	4.142	-0.018	0	223616	NC	NC	
11 2-Chlorophenol	128	4.165	4.171	-0.006	93	125159	20.0	20.5	
12 n-Decane	43	4.212	4.218	-0.006	90	195490	20.0	20.8	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	96	143830	20.0	20.4	
* 14 1,4-Dichlorobenzene-d4	152	4.371	4.377	-0.006	97	179136	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.389	4.395	-0.006	95	144928	20.0	20.4	
16 Benzyl alcohol	108	4.506	4.524	-0.018	93	75147	20.0	20.5	
17 1,2-Dichlorobenzene	146	4.541	4.547	-0.006	96	137297	20.0	20.6	
18 2-Methylphenol	108	4.624	4.636	-0.012	91	106223	20.0	20.3	
19 2,2'-oxybis[1-chloropropan	45	4.641	4.653	-0.012	94	240792	20.0	20.9	
20 N-Methylaniline	106	4.765	4.777	-0.012	0	172375	NC	NC	
22 Acetophenone	105	4.777	4.789	-0.012	95	148058	20.0	20.6	
21 N-Nitrosodi-n-propylamine	70	4.777	4.795	-0.018	91	80743	20.0	19.6	
23 3 & 4 Methylphenol	108	4.783	4.800	-0.017	88	118288	20.0	20.7	
24 4-Methylphenol	108	4.783	4.800	-0.017	85	118288	20.0	20.7	
25 Hexachloroethane	117	4.883	4.889	-0.006	97	50803	20.0	19.8	
$ 26 Nitrobenzene-d5	82	4.924	4.942	-0.018	93	123243	20.0	21.2	
27 Nitrobenzene	77	4.947	4.965	-0.018	88	160718	20.0	20.2	
28 n,n'-Dimethylaniline	120	4.947	4.965	-0.018	92	174866	20.0	20.2	
31 Isophorone	82	5.188	5.206	-0.018	98	194067	20.0	20.6	
32 2-Nitrophenol	139	5.265	5.277	-0.012	90	63743	20.0	20.2	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	93	99812	20.0	20.4	
34 Bis(2-chloroethoxy)methane	93	5.406	5.418	-0.012	95	126746	20.0	20.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.430	5.483	-0.053	90	48447	20.0	20.8	
36 2,4-Dichlorophenol	162	5.512	5.524	-0.012	95	94256	20.0	20.6	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	101104	20.0	20.1	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	634335	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	329072	20.0	20.5	
40 4-Chloroaniline	127	5.730	5.742	-0.012	96	130649	20.0	20.8	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	58179	20.0	20.4	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	80646	20.0	20.5	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	87	223863	20.0	20.6	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	94	191992	20.0	20.6	
46 Hexachlorocyclopentadiene	237	6.535	6.547	-0.012	97	57017	20.0	19.8	
47 1,2,4,5-Tetrachlorobenzene	216	6.541	6.553	-0.012	97	90999	20.0	20.6	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	139031	20.0	20.4	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	89	55519	20.0	20.2	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	97	58439	20.0	20.5	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	229400	20.0	21.2	
52 1,1'-Biphenyl	154	6.835	6.847	-0.012	95	246393	20.0	20.4	
53 2-Chloronaphthalene	162	6.853	6.865	-0.012	98	183774	20.0	20.5	
54 Phenyl ether	170	6.935	6.947	-0.012	88	125199	20.0	20.1	
55 2-Nitroaniline	65	6.953	6.971	-0.018	97	64046	20.0	21.1	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	93	155069	20.0	20.4	
58 Dimethyl phthalate	163	7.141	7.159	-0.018	100	162828	20.0	20.0	
59 Coumarin	146	7.159	7.177	-0.018	83	52592	20.0	20.3	
60 2,6-Dinitrotoluene	165	7.194	7.212	-0.018	94	39410	20.0	20.2	
63 Acenaphthylene	152	7.265	7.277	-0.012	98	274830	20.0	20.4	
64 3-Nitroaniline	138	7.365	7.383	-0.018	94	41204	20.0	20.0	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	261820	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.429	7.447	-0.018	98	164882	20.0	20.2	
67 Acenaphthene	154	7.441	7.453	-0.012	94	169371	20.0	20.5	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	36279	40.0	38.4	
69 4-Nitrophenol	65	7.535	7.559	-0.024	93	52950	40.0	40.4	
70 2,4-Dinitrotoluene	165	7.594	7.612	-0.018	96	44632	20.0	19.9	
71 Dibenzofuran	168	7.606	7.624	-0.018	96	235070	20.0	20.4	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	95	42415	20.0	20.3	
73 Diethyl phthalate	149	7.835	7.853	-0.018	99	143840	20.0	19.9	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	87	82743	20.0	20.5	
74 Fluorene	166	7.947	7.965	-0.018	97	182638	20.0	20.4	
76 4-Nitroaniline	138	7.965	7.994	-0.029	95	34473	20.0	20.1	
77 4,6-Dinitro-2-methylphenol	198	8.000	8.024	-0.024	83	43100	40.0	38.0	
78 N-Nitrosodiphenylamine	169	8.065	8.083	-0.018	67	241095	40.0	40.7	
79 1,2-Diphenylhydrazine	77	8.106	8.118	-0.012	98	165381	20.0	20.5	
$ 80 2,4,6-Tribromophenol	330	8.188	8.206	-0.018	96	25236	20.0	21.1	
81 4-Bromophenyl phenyl ether	248	8.429	8.441	-0.012	93	47210	20.0	20.3	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	48315	20.0	20.6	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	49209	40.0	39.4	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	90	15508	20.0	20.0	
86 n-Octadecane	57	8.771	8.788	-0.017	88	185111	20.0	21.1	
* 87 Phenanthrene-d10	188	8.876	8.888	-0.012	99	344996	40.0	40.0	
88 Phenanthrene	178	8.894	8.918	-0.024	97	204678	20.0	20.1	
89 Anthracene	178	8.947	8.965	-0.018	98	205252	20.0	20.1	
90 Carbazole	167	9.106	9.124	-0.018	96	160631	20.0	19.9	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	187429	20.0	19.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.071	10.088	-0.018	98	160275	20.0	20.0	
93 Benzidine	184	10.200	10.218	-0.018	100	74673	20.0	20.4	
94 Pyrene	202	10.300	10.318	-0.018	97	160339	20.0	19.1	
95 Bisphenol-A	213	10.347	10.365	-0.018	99	47567	20.0	19.6	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	117680	20.0	19.6	
97 Butyl benzyl phthalate	149	10.988	11.012	-0.024	97	59983	20.0	19.9	
99 Carbamazepine	193	11.117	11.141	-0.024	92	31366	20.0	19.2	
100 3,3'-Dichlorobenzidine	252	11.623	11.647	-0.024	99	42553	20.0	22.0	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	99	117139	20.0	19.5	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	195005	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.694	11.718	-0.024	91	83389	20.0	20.0	
103 Chrysene	228	11.700	11.723	-0.023	99	106296	20.0	20.4	
105 Di-n-octyl phthalate	149	12.564	12.588	-0.024	97	121286	20.0	21.1	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	84921	20.0	21.0	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	84582	20.0	20.3	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	97	73007	20.0	20.3	
* 109 Perylene-d12	264	13.611	13.635	-0.024	98	126955	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	98	52408	20.0	19.2	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	96	54606	20.0	20.0	
112 Benzo[g,h,i]perylene	276	15.582	15.629	-0.047	97	52980	20.0	19.1	
S 119 Total Cresols	1				0			41.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L5_00009 Amount Added: 1.00 Units: mL

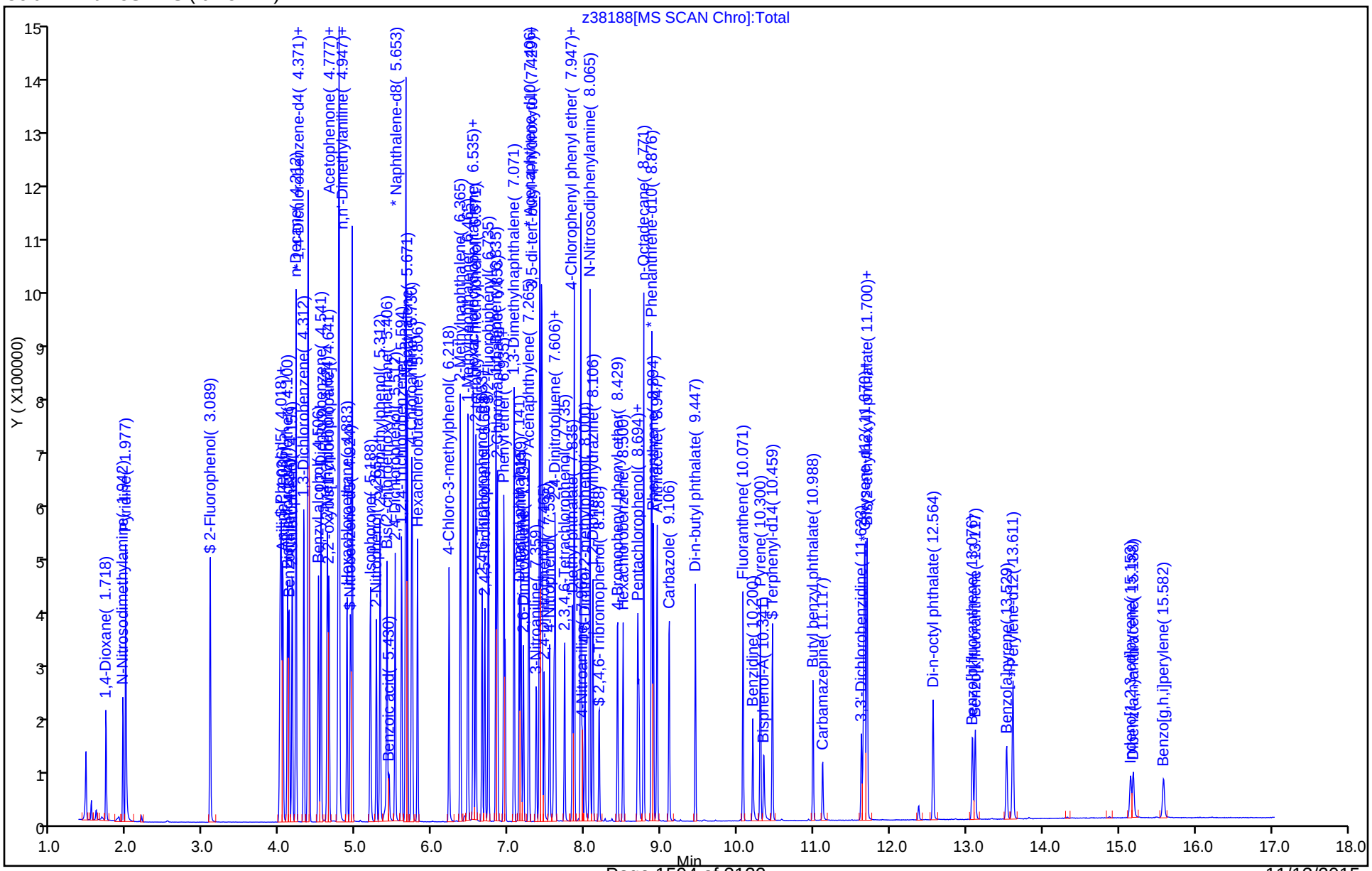
Report Date: 03-Nov-2015 00:23:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38188.D

Injection Date:	02-Nov-2015 16:29:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38189.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Nov-2015 16:53:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:51 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:06:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.724	1.712	0.012	90	27993	10.0	10.4	
2 N-Nitrosodimethylamine	74	1.942	1.948	-0.006	82	42330	10.0	10.5	
3 Pyridine	79	1.983	1.977	0.006	76	73080	10.0	10.6	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	64819	10.0	10.8	
$ 6 Phenol-d5	99	3.994	4.024	-0.030	84	80813	10.0	10.8	
7 Phenol	94	4.012	4.036	-0.024	98	86664	10.0	10.8	
8 Aniline	93	4.036	4.048	-0.012	99	101827	10.0	10.6	
9 Bis(2-chloroethyl)ether	93	4.094	4.112	-0.018	92	66885	10.0	10.4	
10 Benzonitrile	103	4.112	4.142	-0.030	0	113800	NC	NC	
11 2-Chlorophenol	128	4.159	4.171	-0.012	93	68471	10.0	10.8	
12 n-Decane	43	4.212	4.218	-0.006	90	109339	10.0	11.2	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	96	78688	10.0	10.8	
* 14 1,4-Dichlorobenzene-d4	152	4.371	4.377	-0.006	97	185533	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.383	4.395	-0.012	97	79935	10.0	10.8	
16 Benzyl alcohol	108	4.500	4.524	-0.024	93	41508	10.0	10.9	
17 1,2-Dichlorobenzene	146	4.536	4.547	-0.011	96	74076	10.0	10.7	
18 2-Methylphenol	108	4.618	4.636	-0.018	91	59583	10.0	11.0	
19 2,2'-oxybis[1-chloropropan	45	4.641	4.653	-0.012	93	133438	10.0	11.2	
20 N-Methylaniline	106	4.759	4.777	-0.018	0	89235	NC	NC	
22 Acetophenone	105	4.771	4.789	-0.018	92	83021	10.0	11.2	
21 N-Nitrosodi-n-propylamine	70	4.771	4.795	-0.024	93	46161	10.0	10.8	
23 3 & 4 Methylphenol	108	4.777	4.800	-0.023	86	66410	10.0	11.2	
24 4-Methylphenol	108	4.777	4.800	-0.023	86	66410	10.0	11.2	
25 Hexachloroethane	117	4.877	4.889	-0.012	96	28134	10.0	10.6	
$ 26 Nitrobenzene-d5	82	4.924	4.942	-0.018	92	67422	10.0	10.8	
27 Nitrobenzene	77	4.941	4.965	-0.024	90	86556	10.0	10.2	
28 n,n'-Dimethylaniline	120	4.947	4.965	-0.018	93	90564	10.0	10.1	
31 Isophorone	82	5.183	5.206	-0.023	98	108843	10.0	10.8	
32 2-Nitrophenol	139	5.265	5.277	-0.012	91	35416	10.0	10.5	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	92	56499	10.0	10.8	
34 Bis(2-chloroethoxy)methane	93	5.400	5.418	-0.018	94	70670	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.406	5.483	-0.077	37	23085	10.0	10.7	
36 2,4-Dichlorophenol	162	5.512	5.524	-0.012	95	51879	10.0	10.6	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	94	56094	10.0	10.4	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	679092	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	184684	10.0	10.8	
40 4-Chloroaniline	127	5.724	5.742	-0.018	96	72934	10.0	10.8	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	31390	10.0	10.3	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	46521	10.0	11.0	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	86	126473	10.0	10.9	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	94	107932	10.0	10.8	
46 Hexachlorocyclopentadiene	237	6.535	6.547	-0.012	96	29919	10.0	9.47	
47 1,2,4,5-Tetrachlorobenzene	216	6.535	6.553	-0.018	97	49796	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	73819	10.0	10.1	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	89	31298	10.0	10.4	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	97	32820	10.0	10.5	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	125159	10.0	10.6	
52 1,1'-Biphenyl	154	6.830	6.847	-0.017	96	139755	10.0	10.5	
53 2-Chloronaphthalene	162	6.853	6.865	-0.012	98	102735	10.0	10.4	
54 Phenyl ether	170	6.935	6.947	-0.012	89	66813	10.0	9.77	
55 2-Nitroaniline	65	6.953	6.971	-0.018	97	37708	10.0	11.3	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	94	83453	10.0	10.0	
58 Dimethyl phthalate	163	7.135	7.159	-0.024	99	94544	10.0	10.6	
59 Coumarin	146	7.159	7.177	-0.018	82	28395	10.0	10.2	
60 2,6-Dinitrotoluene	165	7.194	7.212	-0.018	95	23264	10.0	10.8	
63 Acenaphthylene	152	7.265	7.277	-0.012	98	157303	10.0	10.7	
64 3-Nitroaniline	138	7.359	7.383	-0.024	93	24218	10.0	10.7	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	96	287287	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.430	7.447	-0.017	98	87814	10.0	9.79	
67 Acenaphthene	154	7.435	7.453	-0.018	94	97333	10.0	10.8	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	17483	20.0	18.9	
69 4-Nitrophenol	65	7.535	7.559	-0.024	92	29677	20.0	20.6	
70 2,4-Dinitrotoluene	165	7.594	7.612	-0.018	97	25520	10.0	10.4	
71 Dibenzofuran	168	7.606	7.624	-0.018	97	136684	10.0	10.8	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	93	23754	10.0	10.4	
73 Diethyl phthalate	149	7.835	7.853	-0.018	98	85262	10.0	10.7	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	86	48026	10.0	10.8	
74 Fluorene	166	7.947	7.965	-0.018	97	107022	10.0	10.9	
76 4-Nitroaniline	138	7.965	7.994	-0.029	93	20367	10.0	10.8	
77 4,6-Dinitro-2-methylphenol	198	8.000	8.024	-0.024	84	23486	20.0	19.4	
78 N-Nitrosodiphenylamine	169	8.065	8.083	-0.018	67	142303	20.0	21.1	
79 1,2-Diphenylhydrazine	77	8.100	8.118	-0.018	99	96673	10.0	10.5	
$ 80 2,4,6-Tribromophenol	330	8.188	8.206	-0.018	95	14257	10.0	10.9	
81 4-Bromophenyl phenyl ether	248	8.429	8.441	-0.012	90	27635	10.0	10.4	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	27853	10.0	10.4	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	25854	20.0	19.5	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	91	8484	10.0	9.59	
86 n-Octadecane	57	8.771	8.788	-0.017	88	106877	10.0	10.7	
* 87 Phenanthrene-d10	188	8.876	8.888	-0.012	99	392766	40.0	40.0	
88 Phenanthrene	178	8.900	8.918	-0.018	97	120156	10.0	10.4	
89 Anthracene	178	8.947	8.965	-0.018	99	122068	10.0	10.5	
90 Carbazole	167	9.106	9.124	-0.018	96	94630	10.0	10.3	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	108643	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.076	10.088	-0.012	98	92254	10.0	10.1	
93 Benzidine	184	10.206	10.218	-0.012	99	35006	10.0	8.42	
94 Pyrene	202	10.300	10.318	-0.018	97	92683	10.0	10.1	
95 Bisphenol-A	213	10.347	10.365	-0.018	99	26173	10.0	9.87	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	66737	10.0	10.2	
97 Butyl benzyl phthalate	149	10.994	11.012	-0.018	98	32820	10.0	9.94	
99 Carbamazepine	193	11.118	11.141	-0.023	92	13438	10.0	9.30	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	99	20478	10.0	9.70	
101 Benzo[a]anthracene	228	11.659	11.676	-0.017	99	66013	10.0	10.0	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	213149	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.700	11.718	-0.018	84	45450	10.0	9.96	
103 Chrysene	228	11.700	11.723	-0.023	99	60127	10.0	10.5	
105 Di-n-octyl phthalate	149	12.564	12.588	-0.024	97	65311	10.0	9.88	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	47894	10.0	10.3	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	51061	10.0	10.7	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	97	42665	10.0	10.3	
* 109 Perylene-d12	264	13.617	13.635	-0.018	98	145891	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.158	15.194	-0.036	98	30222	10.0	9.62	
111 Dibenz(a,h)anthracene	278	15.194	15.229	-0.035	96	31441	10.0	10.0	
112 Benzo[g,h,i]perylene	276	15.588	15.629	-0.041	97	30549	10.0	9.58	
S 119 Total Cresols	1				0			22.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L4_00009 Amount Added: 1.00 Units: mL

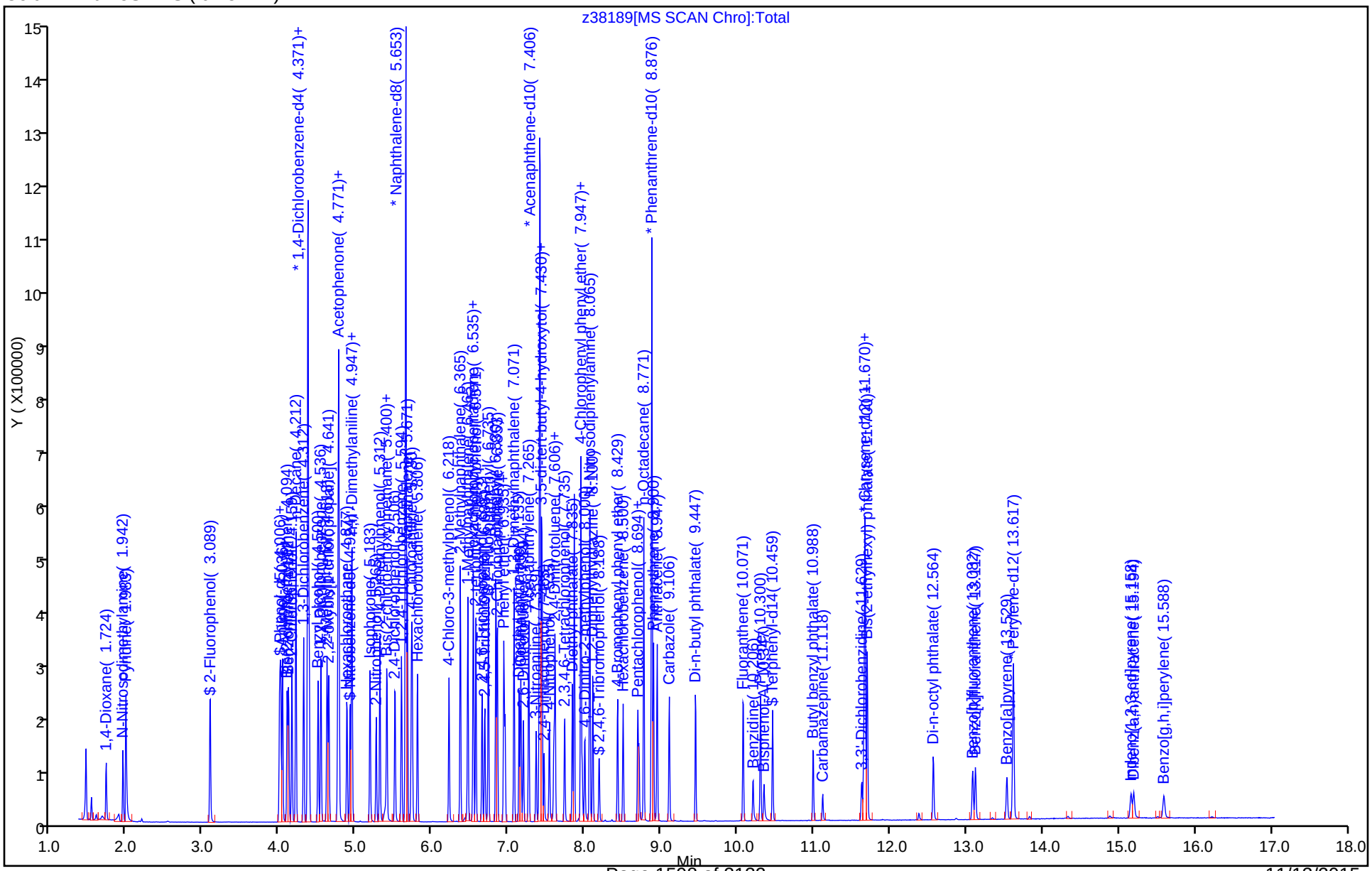
Report Date: 03-Nov-2015 00:23:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38189.D

Injection Date:	02-Nov-2015 16:53:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38190.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Nov-2015 17:16:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:54 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:07:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.730	1.712	0.018	90	13587	5.00	4.90	
2 N-Nitrosodimethylamine	74	1.948	1.948	0.000	81	19477	5.00	4.70	
3 Pyridine	79	1.989	1.977	0.012	76	32771	5.00	4.65	
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	28341	5.00	4.59	
$ 6 Phenol-d5	99	3.994	4.024	-0.030	86	36197	5.00	4.74	
7 Phenol	94	4.006	4.036	-0.030	98	38815	5.00	4.70	
8 Aniline	93	4.036	4.048	-0.012	99	47334	5.00	4.82	
9 Bis(2-chloroethyl)ether	93	4.094	4.112	-0.018	92	31122	5.00	4.73	
10 Benzonitrile	103	4.112	4.142	-0.030	0	58726	NC	NC	
11 2-Chlorophenol	128	4.159	4.171	-0.012	92	31443	5.00	4.85	
12 n-Decane	43	4.212	4.218	-0.006	91	52706	5.00	5.28	
13 1,3-Dichlorobenzene	146	4.312	4.324	-0.012	95	36204	5.00	4.84	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	96	190280	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.383	4.395	-0.012	95	37321	5.00	4.94	
16 Benzyl alcohol	108	4.500	4.524	-0.024	93	18536	5.00	4.75	
17 1,2-Dichlorobenzene	146	4.536	4.547	-0.011	96	35603	5.00	5.03	
18 2-Methylphenol	108	4.618	4.636	-0.018	89	27807	5.00	5.00	
19 2,2'-oxybis[1-chloropropan	45	4.642	4.653	-0.011	94	63728	5.00	5.21	
20 N-Methylaniline	106	4.759	4.777	-0.018	0	46395	NC	NC	
22 Acetophenone	105	4.765	4.789	-0.024	90	39054	5.00	5.12	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	95	21655	5.00	4.95	
23 3 & 4 Methylphenol	108	4.771	4.800	-0.029	81	31769	5.00	5.22	
24 4-Methylphenol	108	4.771	4.800	-0.029	80	31769	5.00	5.22	
25 Hexachloroethane	117	4.877	4.889	-0.012	96	13224	5.00	4.86	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	93	29139	5.00	4.69	
27 Nitrobenzene	77	4.941	4.965	-0.024	89	43325	5.00	5.10	
28 n,n'-Dimethylaniline	120	4.941	4.965	-0.024	93	47238	5.00	5.13	
31 Isophorone	82	5.177	5.206	-0.029	98	50964	5.00	5.05	
32 2-Nitrophenol	139	5.265	5.277	-0.012	91	16385	5.00	4.86	
33 2,4-Dimethylphenol	122	5.312	5.330	-0.018	92	26271	5.00	5.02	
34 Bis(2-chloroethoxy)methane	93	5.400	5.418	-0.018	95	33334	5.00	5.01	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.377	5.483	-0.106	89	6101	5.00	4.80	
36 2,4-Dichlorophenol	162	5.506	5.524	-0.018	95	24233	5.00	4.94	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	25976	5.00	4.82	
* 38 Naphthalene-d8	136	5.653	5.659	-0.006	99	678187	40.0	40.0	
39 Naphthalene	128	5.671	5.683	-0.012	99	86920	5.00	5.07	
40 4-Chloroaniline	127	5.724	5.742	-0.018	96	34483	5.00	5.13	
41 Hexachlorobutadiene	225	5.806	5.812	-0.006	96	14861	5.00	4.88	
43 4-Chloro-3-methylphenol	107	6.218	6.230	-0.012	97	21453	5.00	5.09	
44 2-Methylnaphthalene	142	6.365	6.377	-0.012	86	59352	5.00	5.11	
45 1-Methylnaphthalene	142	6.465	6.477	-0.012	93	51037	5.00	5.13	
46 Hexachlorocyclopentadiene	237	6.536	6.547	-0.011	96	12299	5.00	3.80	
47 1,2,4,5-Tetrachlorobenzene	216	6.536	6.553	-0.017	96	23843	5.00	4.80	
48 2-tertbutyl-4-methylphenol	149	6.571	6.583	-0.012	93	37883	5.00	5.19	
49 2,4,6-Trichlorophenol	196	6.653	6.665	-0.012	90	14619	5.00	4.74	
50 2,4,5-Trichlorophenol	196	6.688	6.700	-0.012	95	15139	5.00	4.73	
$ 51 2-Fluorobiphenyl	172	6.735	6.747	-0.012	98	55898	5.00	4.61	
52 1,1'-Biphenyl	154	6.830	6.847	-0.017	95	66338	5.00	4.88	
53 2-Chloronaphthalene	162	6.847	6.865	-0.018	98	49118	5.00	4.88	
54 Phenyl ether	170	6.935	6.947	-0.012	89	34074	5.00	4.87	
55 2-Nitroaniline	65	6.953	6.971	-0.018	98	17606	5.00	5.16	
57 1,3-Dimethylnaphthalene	156	7.071	7.083	-0.012	94	43184	5.00	5.07	
58 Dimethyl phthalate	163	7.135	7.159	-0.024	100	46150	5.00	5.05	
59 Coumarin	146	7.153	7.177	-0.024	82	14660	5.00	5.29	
60 2,6-Dinitrotoluene	165	7.188	7.212	-0.024	95	10753	5.00	4.90	
63 Acenaphthylene	152	7.259	7.277	-0.018	98	74153	5.00	4.91	
64 3-Nitroaniline	138	7.359	7.383	-0.024	92	11322	5.00	4.90	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	293925	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.430	7.447	-0.017	98	44609	5.00	4.86	
67 Acenaphthene	154	7.435	7.453	-0.018	94	46564	5.00	5.03	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	95	5804	10.0	8.56	
69 4-Nitrophenol	65	7.530	7.559	-0.029	92	12996	10.0	8.84	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	96	12665	5.00	5.04	
71 Dibenzofuran	168	7.606	7.624	-0.018	96	64791	5.00	5.01	
72 2,3,4,6-Tetrachlorophenol	232	7.735	7.747	-0.012	95	11244	5.00	4.79	
73 Diethyl phthalate	149	7.835	7.853	-0.018	99	41628	5.00	5.12	
75 4-Chlorophenyl phenyl ethe	204	7.947	7.959	-0.012	86	23206	5.00	5.12	
74 Fluorene	166	7.947	7.965	-0.018	96	51175	5.00	5.10	
76 4-Nitroaniline	138	7.959	7.994	-0.035	95	9364	5.00	4.86	
77 4,6-Dinitro-2-methylphenol	198	7.994	8.024	-0.030	85	9656	10.0	9.09	
78 N-Nitrosodiphenylamine	169	8.059	8.083	-0.024	67	69453	10.0	9.88	
79 1,2-Diphenylhydrazine	77	8.100	8.118	-0.018	98	46272	5.00	4.82	
$ 80 2,4,6-Tribromophenol	330	8.182	8.206	-0.024	94	6399	5.00	4.77	
81 4-Bromophenyl phenyl ether	248	8.430	8.441	-0.011	91	13125	5.00	4.75	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	13192	5.00	4.74	
84 Pentachlorophenol	266	8.694	8.712	-0.018	94	10744	10.0	9.20	
85 Pentachloronitrobenzene	237	8.706	8.724	-0.018	88	4244	5.00	4.60	
86 n-Octadecane	57	8.771	8.788	-0.017	89	49603	5.00	4.75	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	409805	40.0	40.0	
88 Phenanthrene	178	8.894	8.918	-0.024	98	59437	5.00	4.93	
89 Anthracene	178	8.947	8.965	-0.018	99	60098	5.00	4.94	
90 Carbazole	167	9.106	9.124	-0.018	95	46302	5.00	4.84	
91 Di-n-butyl phthalate	149	9.447	9.465	-0.018	100	52501	5.00	4.70	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.071	10.088	-0.017	98	44606	5.00	4.69	
93 Benzidine	184	10.206	10.218	-0.012	99	16869	5.00	3.89	
94 Pyrene	202	10.300	10.318	-0.018	97	44955	5.00	5.38	
95 Bisphenol-A	213	10.347	10.365	-0.018	98	9605	5.00	3.97	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	29132	5.00	4.86	
97 Butyl benzyl phthalate	149	10.988	11.012	-0.024	98	14399	5.00	4.78	
99 Carbamazepine	193	11.118	11.141	-0.023	93	4409	5.00	5.22	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	98	8747	5.00	4.53	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	99	28204	5.00	4.69	
* 102 Chrysene-d12	240	11.670	11.694	-0.024	99	194675	40.0	40.0	
104 Bis(2-ethylhexyl) phthalat	149	11.700	11.718	-0.018	83	19004	5.00	4.56	
103 Chrysene	228	11.700	11.723	-0.023	99	25897	5.00	4.97	
105 Di-n-octyl phthalate	149	12.565	12.588	-0.023	97	25944	5.00	4.35	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	99	19780	5.00	4.73	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	99	19854	5.00	4.60	
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	96	17396	5.00	4.67	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	131612	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	99	13549	5.00	4.78	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	95	13626	5.00	4.82	
112 Benzo[g,h,i]perylene	276	15.582	15.629	-0.047	97	13170	5.00	4.58	
S 119 Total Cresols	1				0			10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L3_00011 Amount Added: 1.00 Units: mL

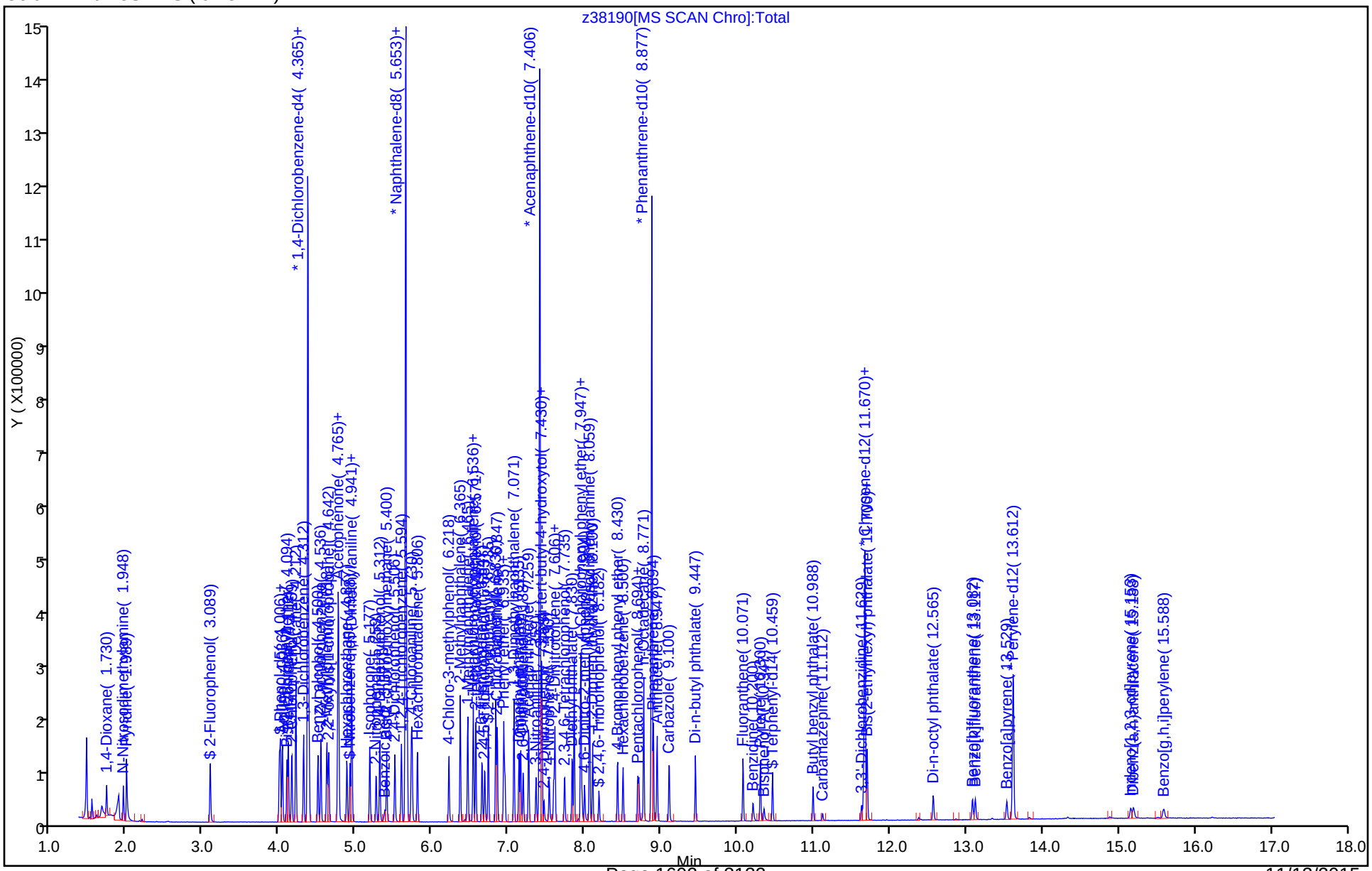
Report Date: 03-Nov-2015 00:23:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38190.D

Injection Date:	02-Nov-2015 17:16:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38191.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Nov-2015 17:40:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:57 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	90	10944	2.00	1.76	
$ 6 Phenol-d5	99	3.989	4.024	-0.035	84	14544	2.00	1.89	
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	91	13004	2.00	1.96	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	191792	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	9082	2.00	2.06	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	5480	2.00	2.00	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	11675	2.00	1.83	
27 Nitrobenzene	77	4.936	4.965	-0.029	91	17661	2.00	2.03	
28 n,n'-Dimethylaniline	120	4.942	4.965	-0.023	92	18789	2.00	2.02	
31 Isophorone	82	5.177	5.206	-0.029	98	21529	2.00	2.08	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	10897	2.00	1.97	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	695645	40.0	40.0	
41 Hexachlorobutadiene	225	5.800	5.812	-0.012	96	6062	2.00	1.94	
49 2,4,6-Trichlorophenol	196	6.647	6.665	-0.018	89	5837	2.00	1.88	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	21993	2.00	1.80	
60 2,6-Dinitrotoluene	165	7.189	7.212	-0.024	94	4359	2.00	1.97	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	98	295730	40.0	40.0	
68 2,4-Dinitrophenol	184	7.465	7.488	-0.023	92	784	4.00	4.28	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	95	4869	2.00	1.94	
77 4,6-Dinitro-2-methylphenol	198	7.994	8.024	-0.030	81	2638	4.00	4.18	
78 N-Nitrosodiphenylamine	169	8.059	8.083	-0.024	67	28001	4.00	3.92	
$ 80 2,4,6-Tribromophenol	330	8.183	8.206	-0.023	93	2308	2.00	1.71	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	5319	2.00	1.88	
84 Pentachlorophenol	266	8.694	8.712	-0.018	95	2810	4.00	4.15	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	416235	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	98	10902	2.00	1.74	
100 3,3'-Dichlorobenzidine	252	11.629	11.647	-0.018	97	3101	2.00	1.53	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	98	12145	2.00	1.93	
* 102 Chrysene-d12	240	11.671	11.694	-0.023	99	203974	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.082	13.106	-0.024	100	8864	2.00	1.89	
107 Benzo[k]fluoranthene	252	13.118	13.147	-0.029	99	9304	2.00	1.92	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.529	13.559	-0.030	96	7912	2.00	1.89	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	147654	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	98	5256	2.00	1.65	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	93	5890	2.00	1.86	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00007 Amount Added: 1.00 Units: mL

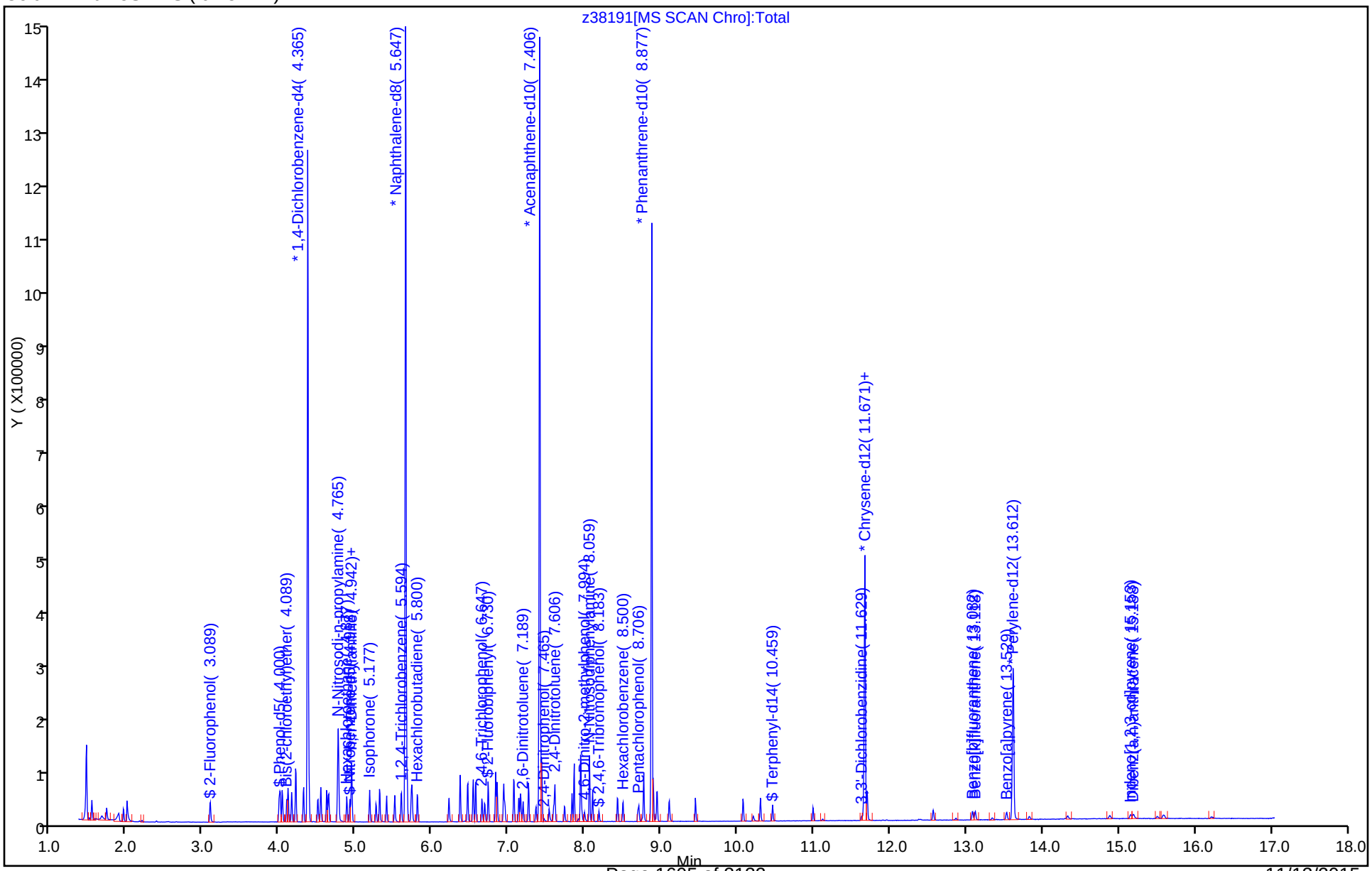
Report Date: 03-Nov-2015 00:23:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38191.D

Injection Date:	02-Nov-2015 17:40:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38192.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 02-Nov-2015 18:03:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:59 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.089	3.089	0.000	91	6122	1.00	0.9455	
$ 6 Phenol-d5	99	3.989	4.024	-0.035	85	8048	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	90	6842	1.00	0.99	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	199622	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	5052	1.00	1.10	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	3013	1.00	1.06	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	6748	1.00	1.00	
27 Nitrobenzene	77	4.936	4.965	-0.029	89	9486	1.00	1.03	
28 n,n'-Dimethylaniline	120	4.942	4.965	-0.023	92	10228	1.00	1.06	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	94	6071	1.00	1.04	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	734152	40.0	40.0	
41 Hexachlorobutadiene	225	5.800	5.812	-0.012	96	3284	1.00	1.00	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	12899	1.00	0.9560	
60 2,6-Dinitrotoluene	165	7.189	7.212	-0.024	92	2411	1.00	0.9874	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	327117	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.588	7.612	-0.024	95	2797	1.00	1.01	
$ 80 2,4,6-Tribromophenol	330	8.183	8.206	-0.023	94	1358	1.00	0.9086	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	97	3220	1.00	0.9764	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.011	99	485918	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	99	7721	1.00	1.02	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	98	8040	1.00	1.06	
* 102 Chrysene-d12	240	11.671	11.694	-0.023	99	246301	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.076	13.106	-0.030	98	5025	1.00	0.9655	
107 Benzo[k]fluoranthene	252	13.118	13.147	-0.029	99	5368	1.00	1.00	
108 Benzo[a]pyrene	252	13.523	13.559	-0.036	96	4688	1.00	1.01	
* 109 Perylene-d12	264	13.612	13.635	-0.023	98	163756	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.153	15.194	-0.041	96	3240	1.00	0.9185	
111 Dibenz(a,h)anthracene	278	15.188	15.229	-0.041	94	3094	1.00	0.8798	

Reagents:

SV_IC_BNA_L2_00009 Amount Added: 1.00 Units: mL

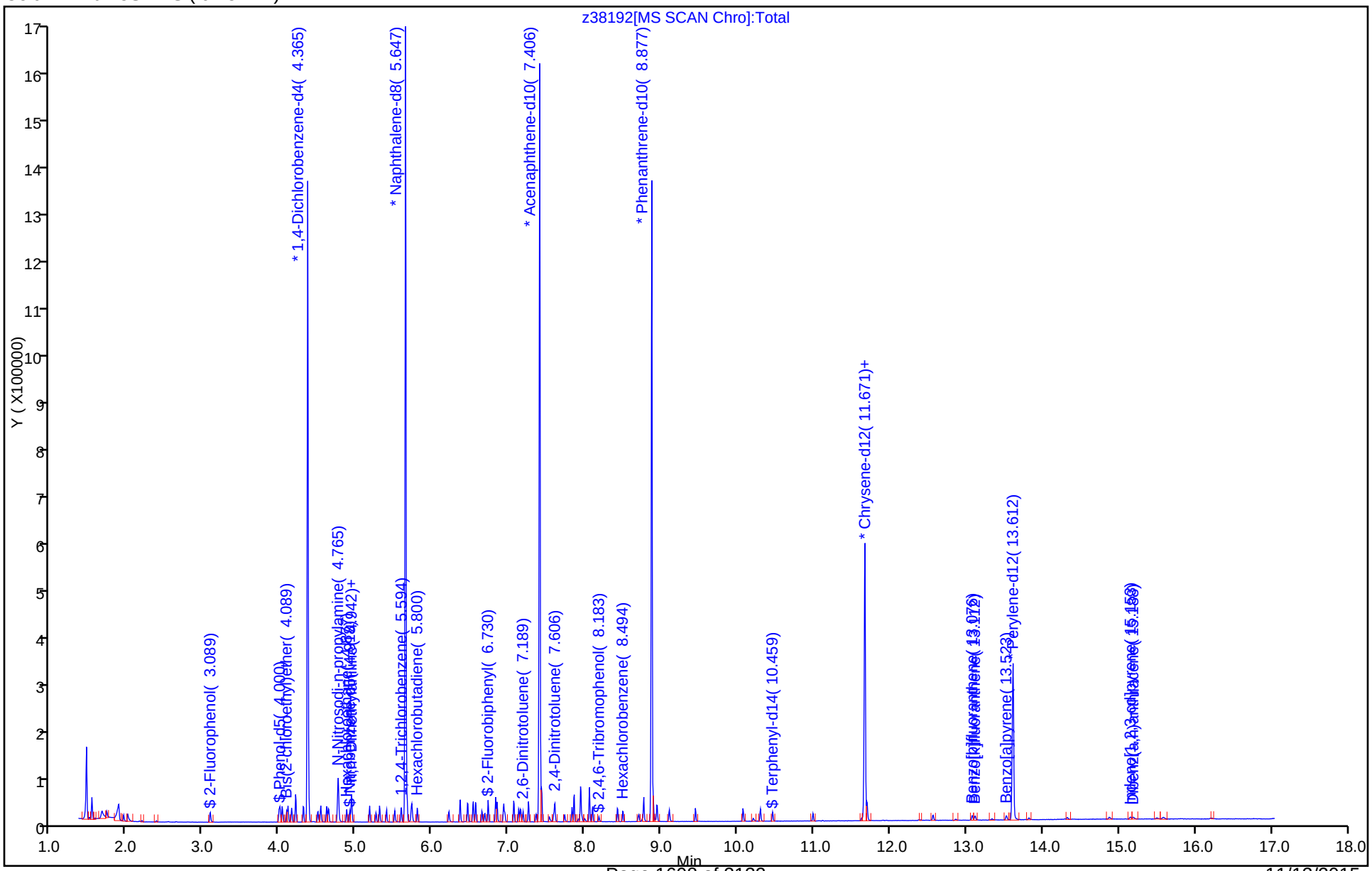
Report Date: 03-Nov-2015 00:24:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38192.D

Injection Date:	02-Nov-2015 18:03:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38193.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 02-Nov-2015 18:27:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:02 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:08:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.089	4.112	-0.023	92	3924	0.5000	0.5531	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.377	-0.012	97	205312	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.765	4.795	-0.030	94	2556	0.5000	0.5416	
25 Hexachloroethane	117	4.877	4.889	-0.012	95	1578	0.5000	0.5373	
$ 26 Nitrobenzene-d5	82	4.918	4.942	-0.024	92	3327	0.5000	0.4848	
27 Nitrobenzene	77	4.936	4.965	-0.029	90	4941	0.5000	0.5270	
28 n,n'-Dimethylaniline	120	4.941	4.965	-0.024	94	5040	0.5000	0.5072	
37 1,2,4-Trichlorobenzene	180	5.594	5.606	-0.012	95	3089	0.5000	0.5195	
* 38 Naphthalene-d8	136	5.647	5.659	-0.012	99	748894	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.730	6.747	-0.017	98	6665	0.5000	0.4908	
* 65 Acenaphthene-d10	164	7.406	7.418	-0.012	97	329225	40.0	40.0	
82 Hexachlorobenzene	284	8.500	8.518	-0.018	95	1541	0.5000	0.4676	
* 87 Phenanthrene-d10	188	8.877	8.888	-0.012	99	485602	40.0	40.0	
$ 96 Terphenyl-d14	244	10.459	10.477	-0.017	98	3625	0.5000	0.5237	
101 Benzo[a]anthracene	228	11.653	11.676	-0.023	97	4054	0.5000	0.5837	
* 102 Chrysene-d12	240	11.665	11.694	-0.029	99	225021	40.0	40.0	
106 Benzo[b]fluoranthene	252	13.076	13.106	-0.030	97	2530	0.5000	0.5211	
107 Benzo[k]fluoranthene	252	13.117	13.147	-0.030	98	2570	0.5000	0.5132	
108 Benzo[a]pyrene	252	13.523	13.559	-0.036	96	2218	0.5000	0.5129	
* 109 Perylene-d12	264	13.611	13.635	-0.024	98	152769	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	15.158	15.194	-0.036	94	1736	0.5000	0.5275	
111 Dibenz(a,h)anthracene	278	15.194	15.229	-0.035	93	1500	0.5000	0.4572	

Reagents:

SV_IC_BNA_L1_00010 Amount Added: 1.00 Units: mL

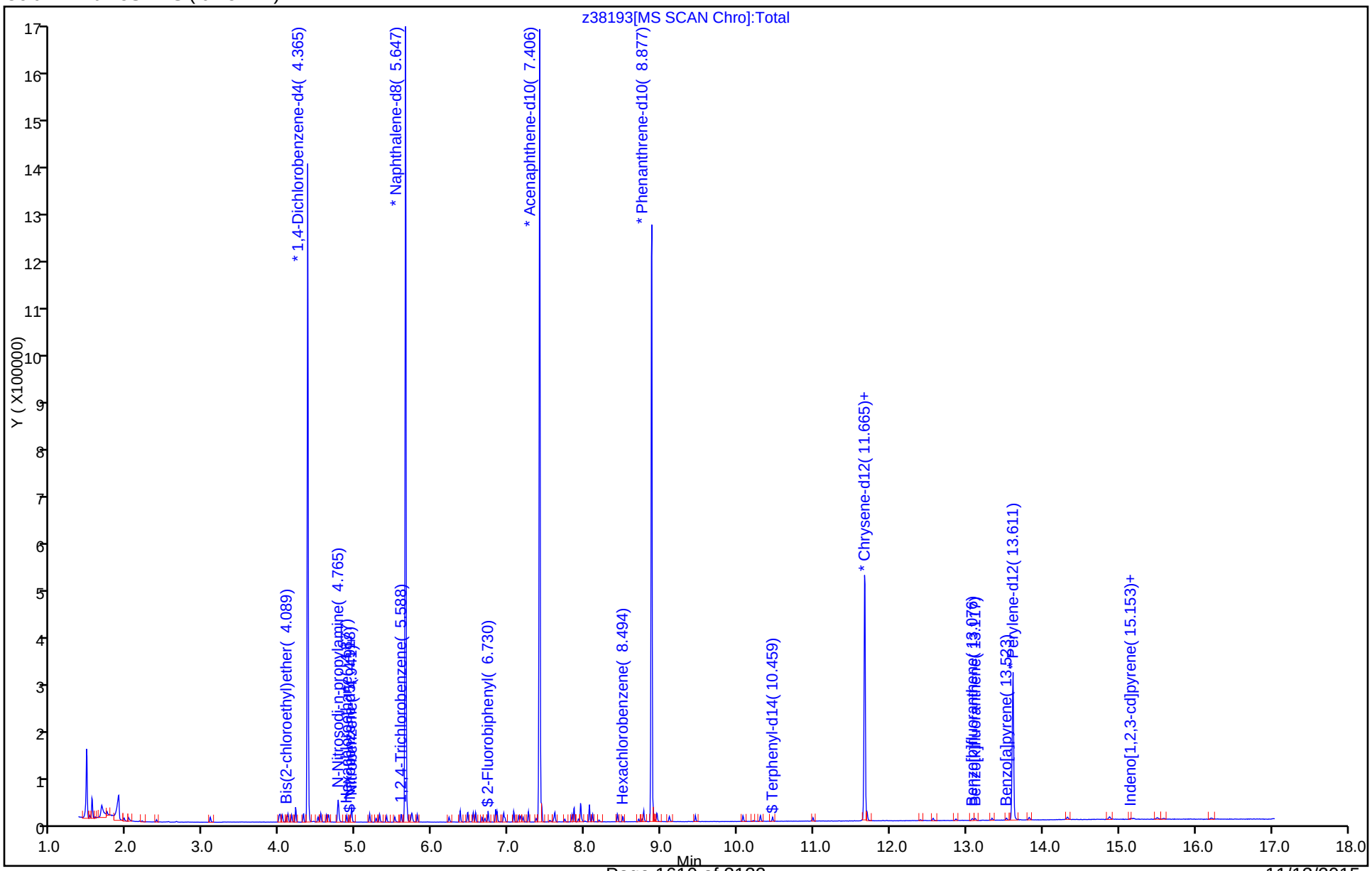
Report Date: 03-Nov-2015 00:24:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38193.D

Injection Date:	02-Nov-2015 18:27:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 18:50 Calibration End Date: 11/02/2015 21:11 Calibration ID: 53098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-332733/17	z38200.D
Level 2	STD5 460-332733/16	z38199.D
Level 3	STD010 460-332733/15	z38198.D
Level 4	STD020 460-332733/14	z38197.D
Level 5	STD50 460-332733/11	z38194.D
Level 6	STD080 460-332733/13	z38196.D
Level 7	STD120 460-332733/12	z38195.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								
Benzaldehyde	1.1523	1.1806 1.1612	1.1382	1.2274	1.1697	Ave		1.1716			0.0100	2.6		20.0			
Caprolactam	0.0827	0.0673 0.0868	0.0739	0.0865	0.0826	Ave		0.0800			0.0100	9.7		20.0			
Atrazine	0.1765 0.1751	0.1905 0.1818	0.1828	0.2015	0.1882	Ave		0.1852			0.0100	4.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332733

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/02/2015 18:50 Calibration End Date: 11/02/2015 21:11 Calibration ID: 53098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-332733/17	z38200.D
Level 2	STD5 460-332733/16	z38199.D
Level 3	STD010 460-332733/15	z38198.D
Level 4	STD020 460-332733/14	z38197.D
Level 5	STD50 460-332733/11	z38194.D
Level 6	STD080 460-332733/13	z38196.D
Level 7	STD120 460-332733/12	z38195.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	473435	30399 675093	62297	128646	294639	80.0	5.00 120	10.0	20.0	50.0
Caprolactam	NPT	Ave	122725	6278 182106	14761	32932	74400	80.0	5.00 120	10.0	20.0	50.0
Atrazine	PHN	Ave	4355 154359	10872 233183	23460	48303	101704	2.00 80.0	5.00 120	10.0	20.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38194.D
Lims ID: std50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 02-Nov-2015 18:50:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-011
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:04 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.930	3.930	0.000	93	294639	50.0	49.9	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	201510	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	720174	40.0	40.0	
42 Caprolactam	113	6.071	6.071	0.000	86	74400	50.0	51.7	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	309516	40.0	40.0	
83 Atrazine	200	8.600	8.600	0.000	90	101704	50.0	50.8	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	432357	40.0	40.0	
* 102 Chrysene-d12	240	11.665	11.665	0.000	99	209014	40.0	40.0	
* 109 Perylene-d12	264	13.612	13.612	0.000	98	146570	40.0	40.0	

Reagents:

SV_IC-S_L6_00015 Amount Added: 1.00 Units: mL

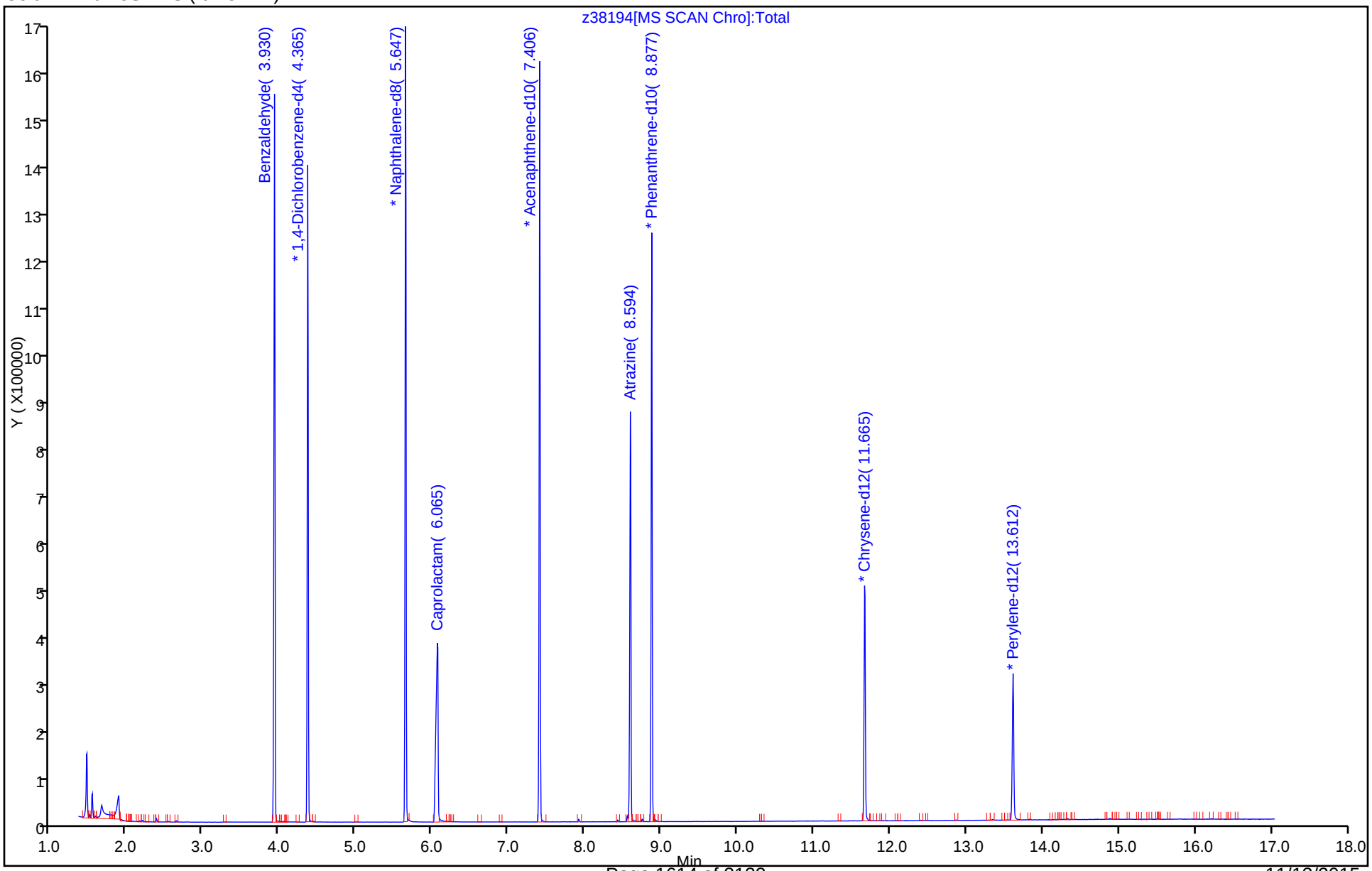
Report Date: 03-Nov-2015 00:24:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38194.D

Injection Date:	02-Nov-2015 18:50:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std50			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38195.D
Lims ID: std120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 02-Nov-2015 19:14:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-012
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:07 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.942	3.930	0.012	93	675093	120.0	118.9	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	193798	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	699545	40.0	40.0	
42 Caprolactam	113	6.094	6.071	0.023	86	182106	120.0	130.2	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	96	301104	40.0	40.0	
83 Atrazine	200	8.606	8.600	0.006	87	233183	120.0	117.8	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	427576	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	219544	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	157576	40.0	40.0	

Reagents:

SV_IC-S_L8_00004 Amount Added: 1.00 Units: mL

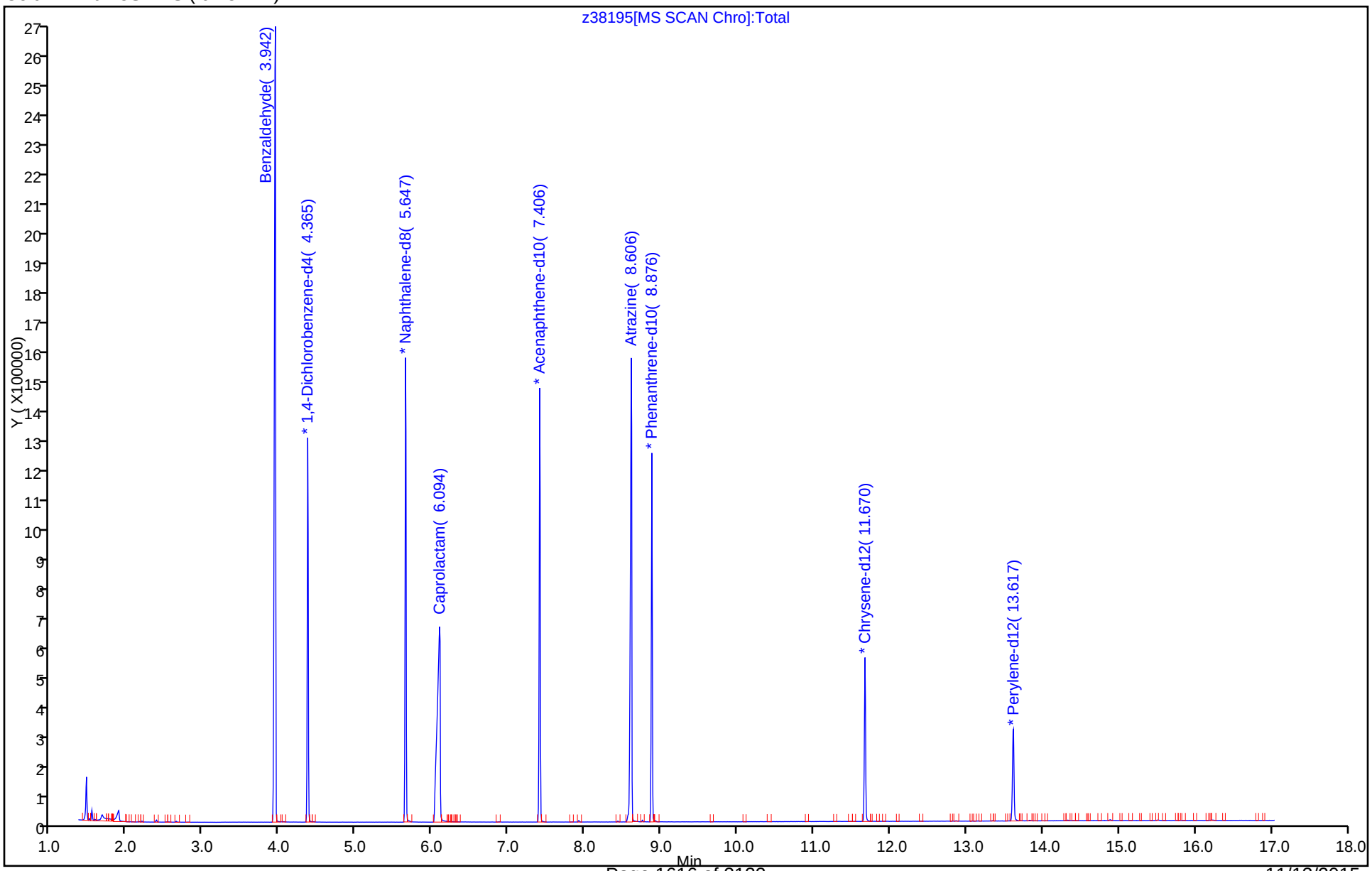
Report Date: 03-Nov-2015 00:24:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38195.D

Injection Date:	02-Nov-2015 19:14:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std120			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38196.D
Lims ID: std080
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 02-Nov-2015 19:37:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-013
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:09 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.936	3.930	0.006	94	473435	80.0	78.7	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	205422	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	741787	40.0	40.0	
42 Caprolactam	113	6.083	6.071	0.012	86	122725	80.0	82.8	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	318829	40.0	40.0	
83 Atrazine	200	8.606	8.600	0.006	90	154359	80.0	75.6	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	440760	40.0	40.0	
* 102 Chrysene-d12	240	11.671	11.665	0.006	99	233529	40.0	40.0	
* 109 Perylene-d12	264	13.618	13.612	0.006	98	164841	40.0	40.0	

Reagents:

SV_IC-S_L7_00004 Amount Added: 1.00 Units: mL

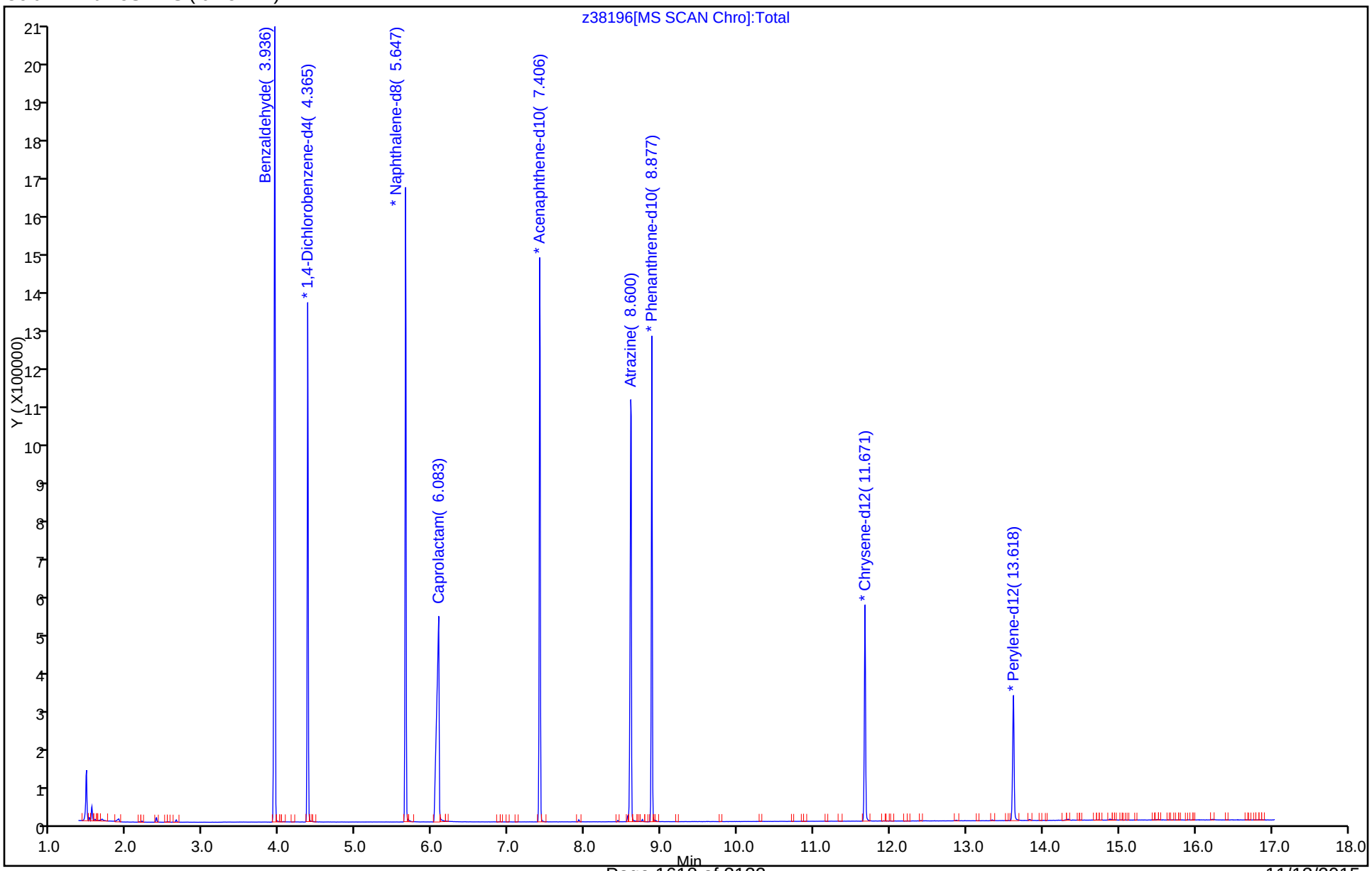
Report Date: 03-Nov-2015 00:24:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38196.D

Injection Date:	02-Nov-2015 19:37:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std080			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38197.D
Lims ID: std020
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 02-Nov-2015 20:00:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-014
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:11 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	93	128646	20.0	21.0	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	209629	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	761760	40.0	40.0	
42 Caprolactam	113	6.053	6.071	-0.018	86	32932	20.0	21.6	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	329473	40.0	40.0	
83 Atrazine	200	8.594	8.600	-0.006	89	48303	20.0	21.8	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	479482	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	229358	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	155256	40.0	40.0	

Reagents:

SV_IC-S_L5_00007 Amount Added: 1.00 Units: mL

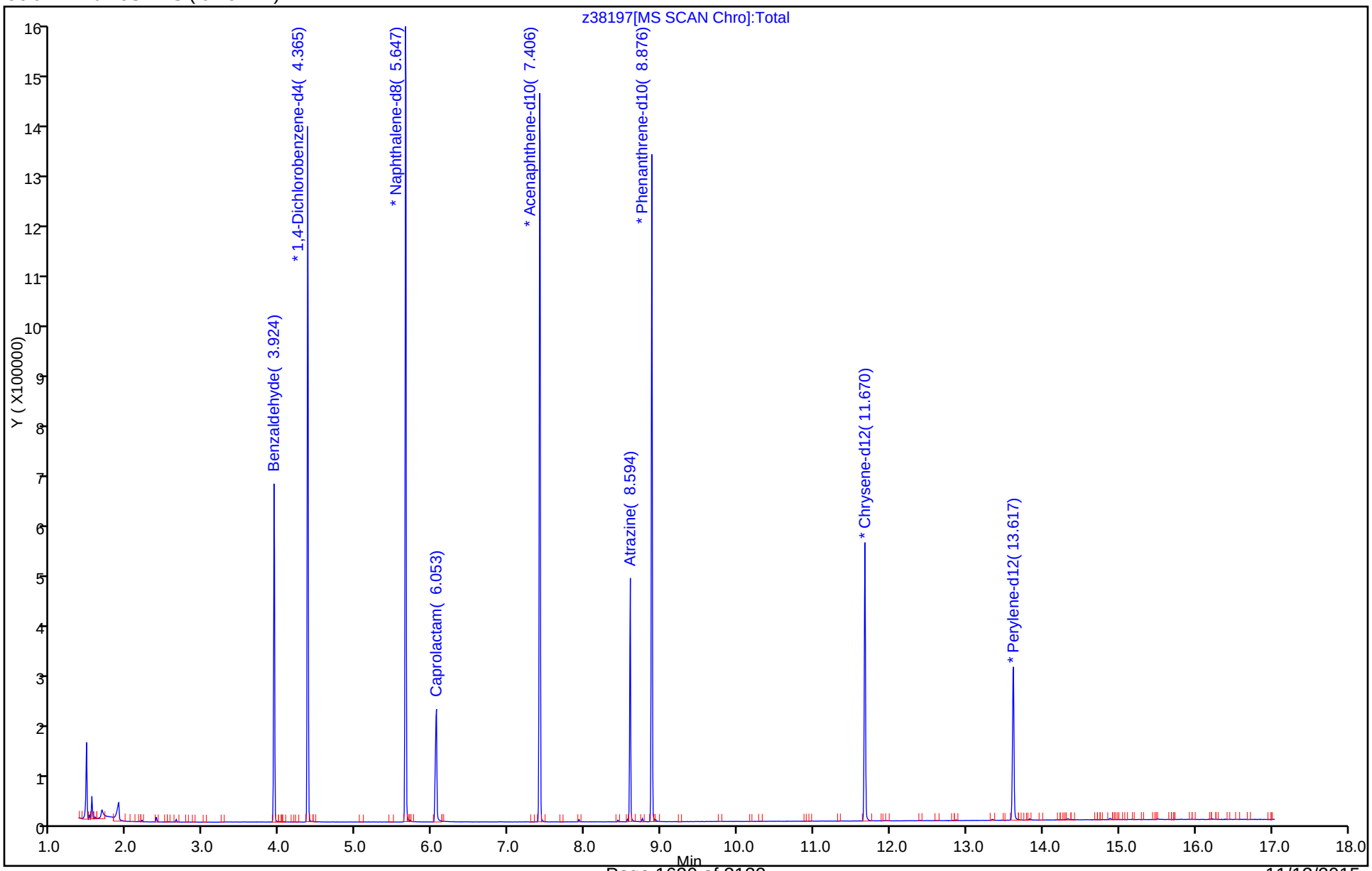
Report Date: 03-Nov-2015 00:24:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38197.D

Injection Date:	02-Nov-2015 20:00:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std020			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38198.D
Lims ID: std010
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 02-Nov-2015 20:24:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-015
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:14 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	93	62297	10.0	9.71	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	218938	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	799274	40.0	40.0	
42 Caprolactam	113	6.041	6.071	-0.030	86	14761	10.0	9.24	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	346129	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	23460	10.0	9.87	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	513293	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	244558	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	97	168910	40.0	40.0	

Reagents:

SV_IC-S_L4_00019 Amount Added: 1.00 Units: mL

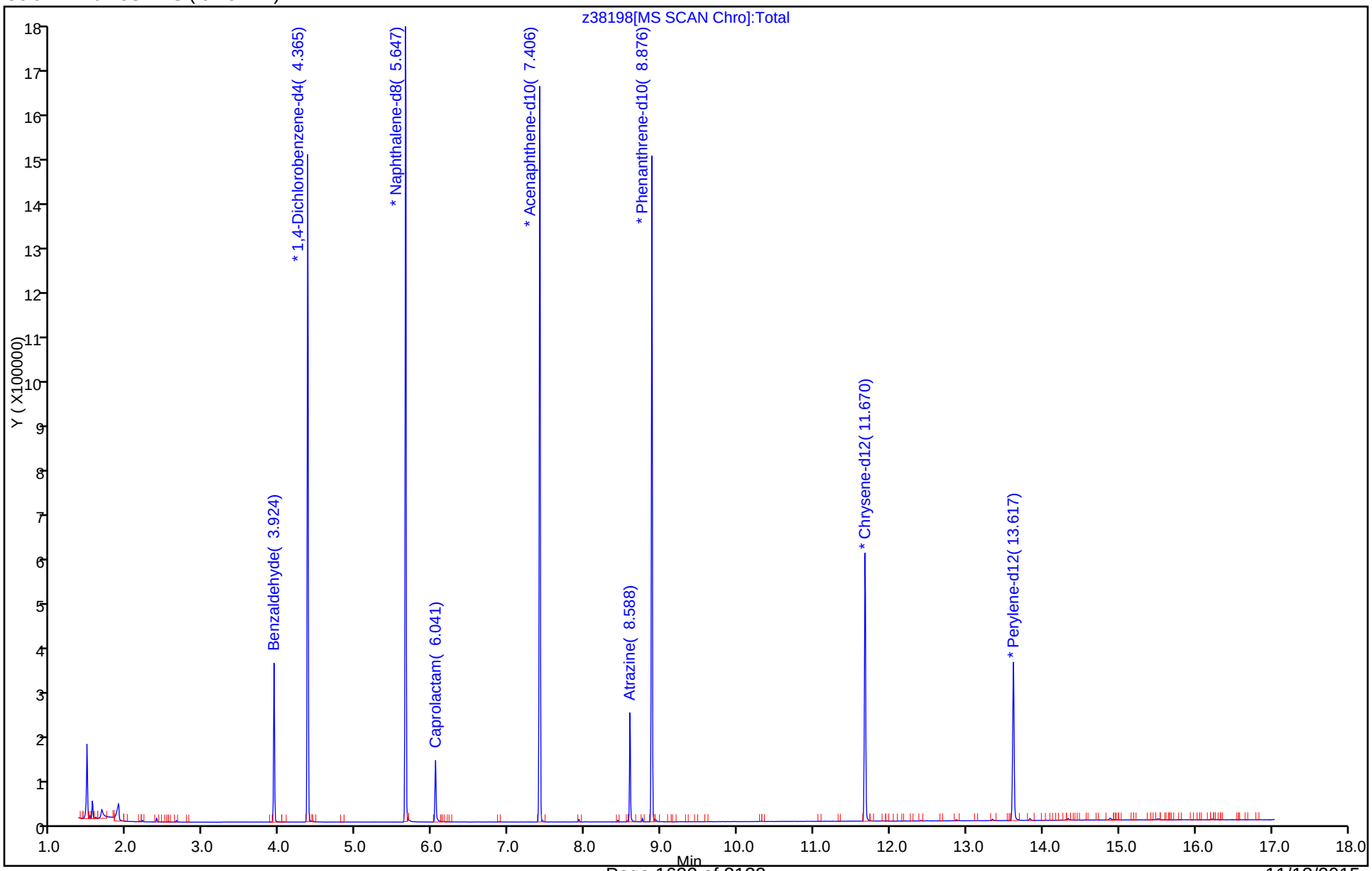
Report Date: 03-Nov-2015 00:24:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38198.D

Injection Date:	02-Nov-2015 20:24:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std010			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38199.D
Lims ID: std5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 02-Nov-2015 20:48:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-016
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:16 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:09:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.924	3.930	-0.006	94	30399	5.00	5.04	
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	96	205989	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	746574	40.0	40.0	
42 Caprolactam	113	6.036	6.071	-0.035	87	6278	5.00	4.21	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	317573	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	10872	5.00	5.14	
* 87 Phenanthrene-d10	188	8.876	8.877	-0.001	99	456630	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	206103	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	144622	40.0	40.0	

Reagents:

SV_IC-S_L3_00008 Amount Added: 1.00 Units: mL

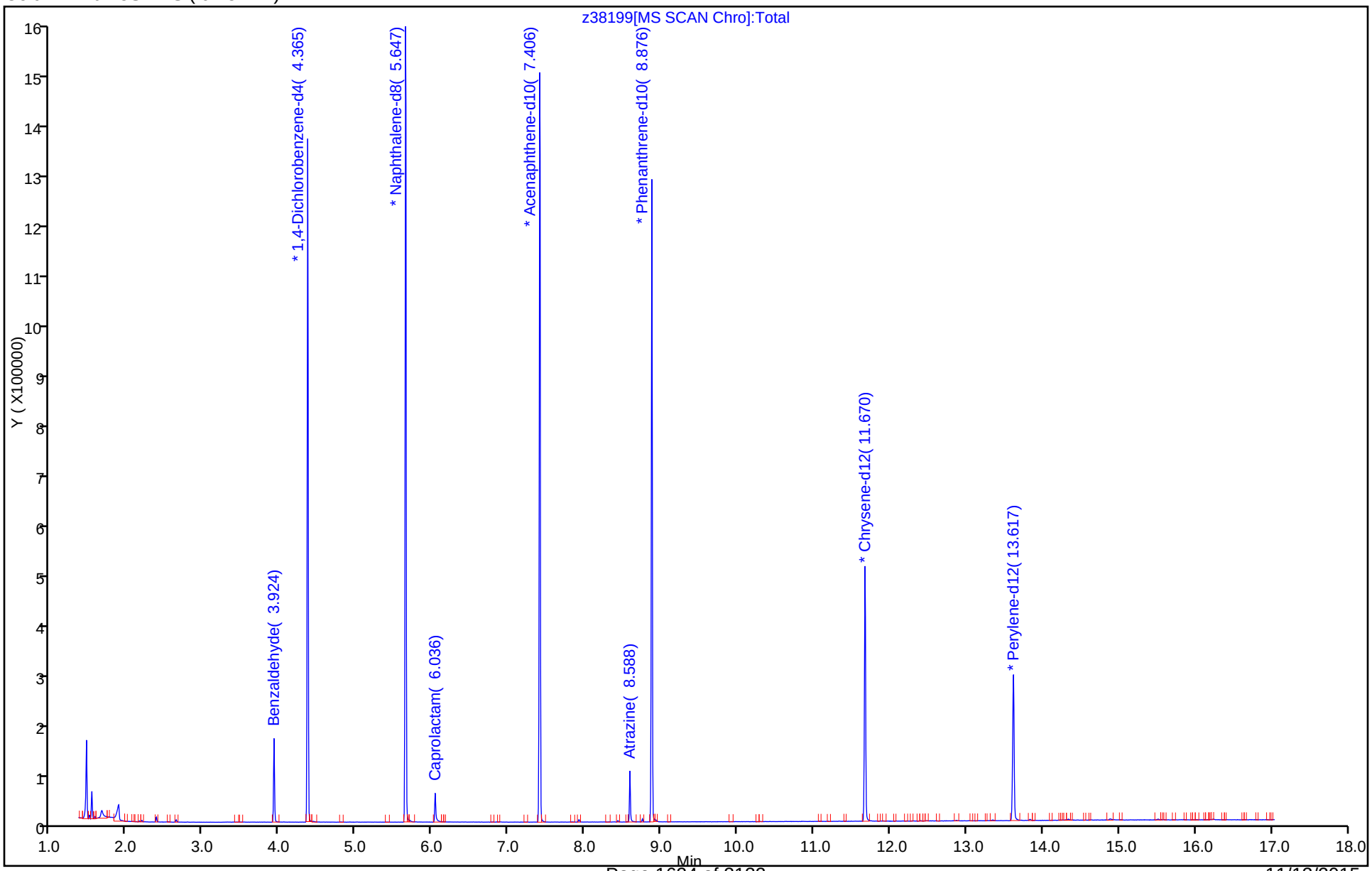
Report Date: 03-Nov-2015 00:24:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38199.D

Injection Date:	02-Nov-2015 20:48:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std5			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 02-Nov-2015 21:11:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-017
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:24:19 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: bayoumiw Date: 03-Nov-2015 00:10:04

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	4.365	4.365	0.000	97	216880	40.0	40.0	
* 38 Naphthalene-d8	136	5.647	5.647	0.000	99	781693	40.0	40.0	
* 65 Acenaphthene-d10	164	7.406	7.406	0.000	97	339477	40.0	40.0	
83 Atrazine	200	8.588	8.600	-0.012	89	4355	2.00	1.91	
* 87 Phenanthrene-d10	188	8.877	8.877	0.000	99	493499	40.0	40.0	
* 102 Chrysene-d12	240	11.670	11.665	0.005	99	238062	40.0	40.0	
* 109 Perylene-d12	264	13.617	13.612	0.005	98	155500	40.0	40.0	

Reagents:

SV_IC-S_L2_00007 Amount Added: 1.00 Units: mL

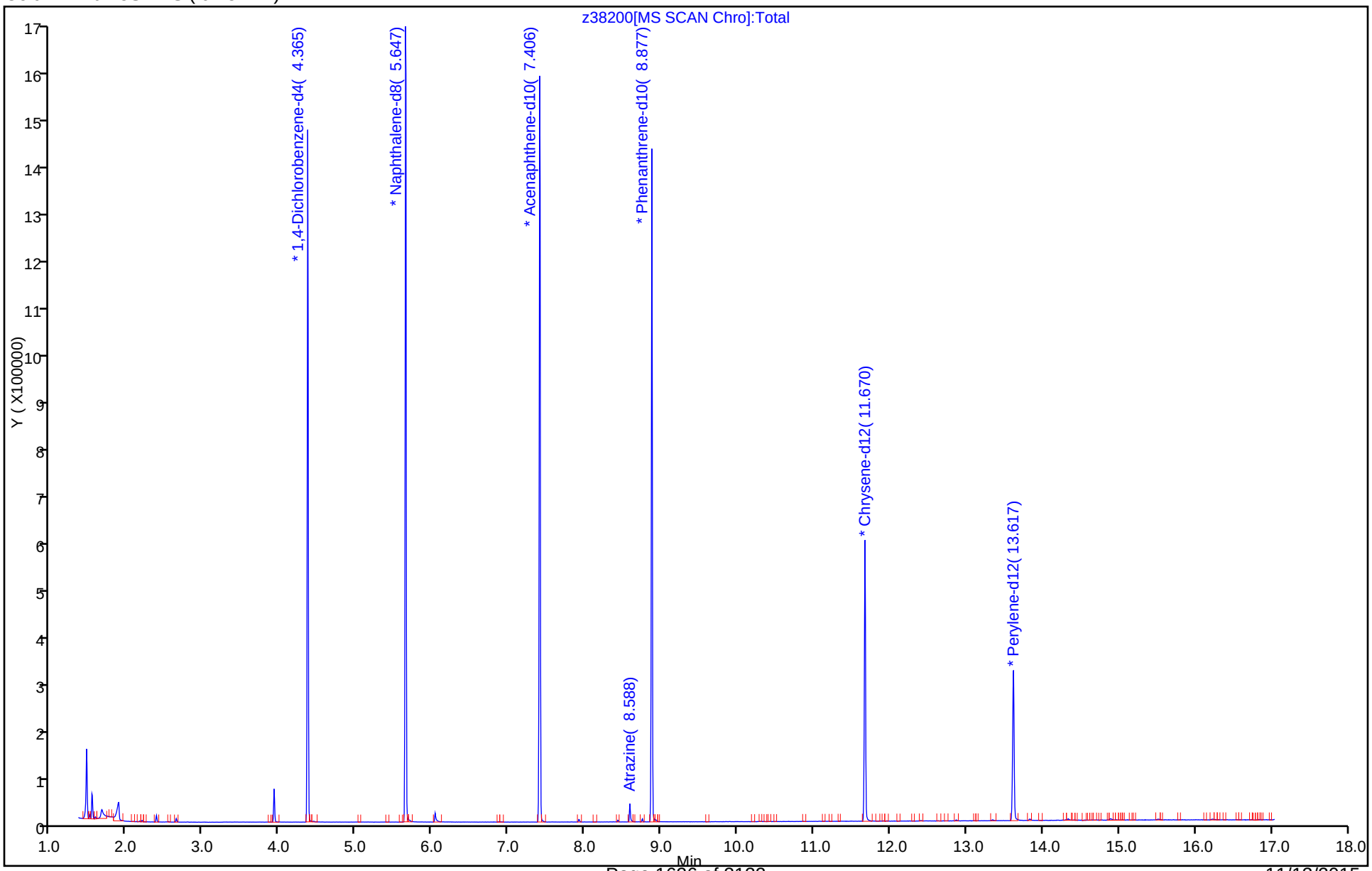
Report Date: 03-Nov-2015 00:24:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Injection Date:	02-Nov-2015 21:11:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	std2			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-329806/10	L127031.D
Level 2	STD1 460-329806/9	L127030.D
Level 3	STD2 460-329806/8	L127029.D
Level 4	STD5 460-329806/7	L127028.D
Level 5	STD10 460-329806/6	L127027.D
Level 6	STD20 460-329806/5	L127026.D
Level 7	ICIS 460-329806/2	L127023.D
Level 8	STD80 460-329806/4	L127025.D
Level 9	STD120 460-329806/3	L127024.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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4661	0.4797	0.4544	0.4704 0.4793	0.4395	Ave		0.4649				3.3		20.0			
N-Nitrosodimethylamine	0.6598	0.6700	0.6622	0.6349 0.6836	0.6751	Ave		0.6643				2.5		20.0			
Pyridine	1.1601	1.1820	1.1631	1.1077 1.1946	1.1987	Ave		1.1677				2.9		20.0			
Phenol	1.4351	1.3916	1.4193	1.3709 1.4384	1.5212	Ave		1.4294			0.8000	3.6		20.0			
Aniline	1.7795	1.6882	1.7487	1.6914 1.7750	1.8452	Ave		1.7547				3.4		20.0			
Bis(2-chloroethyl)ether	1.1810 1.1054	1.1522 1.0845	1.1604 1.0987	1.1010 1.1091	1.1812	Ave		1.1304			0.7000	3.4		20.0			
2-Chlorophenol	1.3228	1.2952	1.2911	1.3167 1.3015	1.3818	Ave		1.3182			0.8000	2.5		20.0			
n-Decane	1.9540	2.0348	1.9488	1.9001 2.0300	2.0134	Ave		1.9802				2.7		20.0			
1,3-Dichlorobenzene	1.5135	1.5183	1.5202	1.5189 1.5539	1.5871	Ave		1.5353				1.9		20.0			
1,4-Dichlorobenzene	1.5557	1.5327	1.5421	1.4853 1.5600	1.6428	Ave		1.5531				3.3		20.0			
Benzyl alcohol	0.7430	0.6996	0.7545	0.7194 0.7348	0.7923	Ave		0.7406				4.3		20.0			
1,2-Dichlorobenzene	1.4674	1.4205	1.4491	1.4075 1.4625	1.5395	Ave		1.4577				3.2		20.0			
2-Methylphenol	1.0866	1.0049	1.0476	1.0544 1.0146	1.1087	Ave		1.0528			0.7000	3.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,2'-oxybis[1-chloropropane]	2.2504	2.1250	2.1821	2.1652 2.1786	2.3499	Ave		2.2085			0.0100	3.6		20.0			
3 & 4 Methylphenol	1.2089	1.0947	1.1753	1.1799 1.1333	1.2137	Ave		1.1676				3.9		20.0			
4-Methylphenol	1.2089	1.0947	1.1753	1.1799 1.1333	1.2137	Ave		1.1676			0.6000	3.9		20.0			
N-Nitrosodi-n-propylamine	0.7882 0.8113	0.7423 0.7222	0.8019 0.7873	0.7591 0.7484	0.8001	Ave		0.7734			0.5000	4.0		20.0			
Acetophenone	1.5977	1.4308	1.5344	1.4510 1.4778	1.6032	Ave		1.5158			0.0100	4.9		20.0			
Hexachloroethane	0.6246 0.6125	0.6504 0.5951	0.5976 0.5968	0.5581 0.6019	0.6235	Ave		0.6067			0.3000	4.2		20.0			
Nitrobenzene	0.4776 0.4894	0.4835 0.5038	0.4805 0.4841	0.4697 0.5156	0.4876	Ave		0.4880			0.2000	2.8		20.0			
n,n'-Dimethylaniline	1.7787 1.8522	1.7119 1.7899	1.7953 1.8480	1.7854 1.8414	1.7754	Ave		1.7976				2.5		20.0			
Isophorone	0.5822	0.5232	0.5624 0.5415	0.5321 0.5354	0.5804	Ave		0.5510			0.4000	4.3		20.0			
2-Nitrophenol	0.1943	0.1949	0.1919	0.1845 0.1966	0.1940	Ave		0.1927			0.1000	2.2		20.0			
2,4-Dimethylphenol	0.3018	0.2903	0.2875	0.2901 0.2980	0.3082	Ave		0.2960			0.2000	2.7		20.0			
Benzoic acid	0.1366	0.1376	0.1620	0.0544 0.1607	0.1220	Lin2	-0.519	0.1627			0.0100				0.9950		0.9900
Bis(2-chloroethoxy)methane	0.3557	0.3410	0.3467	0.3263 0.3477	0.3714	Ave		0.3481			0.3000	4.3		20.0			
2,4-Dichlorophenol	0.2983	0.2842	0.2889	0.2748 0.2906	0.3076	Ave		0.2907			0.2000	3.9		20.0			
1,2,4-Trichlorobenzene	0.3351 0.3413	0.3275 0.3401	0.3252 0.3353	0.3218 0.3407	0.3454	Ave		0.3347				2.4		20.0			
Naphthalene	1.0273	1.0102	0.9959	0.9953 1.0232	1.0659	Ave		1.0196			0.7000	2.6		20.0			
4-Chloroaniline	0.4170	0.3871	0.3982	0.3847 0.3958	0.4263	Ave		0.4015			0.0100	4.1		20.0			
Hexachlorobutadiene	0.1993	0.1757 0.2026	0.1929 0.2015	0.1885 0.2068	0.2065	Ave		0.1967			0.0100	5.4		20.0			
4-Chloro-3-methylphenol	0.2579	0.2302	0.2478	0.2332 0.2388	0.2589	Ave		0.2445			0.2000	5.1		20.0			
2-Methylnaphthalene	0.6906	0.6458	0.6644	0.6502 0.6568	0.7061	Ave		0.6690			0.4000	3.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1-Methylnaphthalene	0.5986	0.5494	0.5724	0.5579 0.5634	0.6099	Ave		0.5753				4.2		20.0			
Hexachlorocyclopentadiene	0.4530	0.5235	0.4960	0.4175 0.5417	0.4609	Ave		0.4821			0.0500	9.7		20.0			
1,2,4,5-Tetrachlorobenzene	0.6903	0.7501	0.6975	0.6764 0.7496	0.6998	Ave		0.7106			0.0100	4.4		20.0			
2-tertbutyl-4-methylphenol	0.4551	0.4250	0.4429	0.4218 0.4378	0.4261	Ave		0.4348				3.0		20.0			
2,4,6-Trichlorophenol	0.4266	0.4553	0.4207 0.4408	0.4123 0.4546	0.4391	Ave		0.4356			0.2000	3.8		20.0			
2,4,5-Trichlorophenol	0.4529	0.4625	0.4615	0.4320 0.4781	0.4810	Ave		0.4613			0.2000	3.9		20.0			
Diphenyl	1.7561	1.8529	1.7441	1.7408 1.8276	1.7995	Ave		1.7868			0.0100	2.6		20.0			
2-Chloronaphthalene	1.3673	1.4014	1.3321	1.3229 1.3974	1.3964	Ave		1.3696			0.8000	2.5		20.0			
Phenyl ether	0.8844	0.9707	0.9011	0.8746 0.9593	0.8454	Ave		0.9059				5.4		20.0			
2-Nitroaniline	0.4671	0.4557	0.4655	0.4411 0.4789	0.4699	Ave		0.4630			0.0100	2.8		20.0			
1,3-Dimethylnaphthalene	1.0953	1.1729	1.0765	1.1057 1.1572	1.0718	Ave		1.1132				3.8		20.0			
Dimethyl phthalate	1.3642	1.2319	1.3168	1.2517 1.3056	1.4661	Ave		1.3227			0.0100	6.4		20.0			
Coumarin	0.1897	0.1575	0.1891	0.1753 0.1765	0.1844	Ave		0.1788				6.7		20.0			
2,6-Dinitrotoluene	0.3246	0.2536 0.3003	0.2932 0.3129	0.2994 0.3119	0.3406	Ave		0.3046			0.2000	8.4		20.0			
Acenaphthylene	2.0283	2.0263	1.9910	1.9340 2.0506	2.1027	Ave		2.0222			0.9000	2.8		20.0			
3-Nitroaniline	0.3222	0.2865	0.3226	0.2849 0.3177	0.3568	Ave		0.3151			0.0100	8.5		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1820	1.2359	1.2171	1.0990 1.2787	1.1348	Ave		1.1912				5.6		20.0			
Acenaphthene	1.4082	1.3908	1.3160	1.2608 1.3194	1.4637	Ave		1.3598			0.9000	5.4		20.0			
2,4-Dinitrophenol	0.1625	0.1669	0.0514 +++++	0.0936 +++++	0.1618	Lin	-0.483	0.1723			0.0100				0.9990		0.9900
4-Nitrophenol	0.2131	0.2007	0.2423	0.1657 0.2416	0.2318	Ave		0.2159			0.0100	13.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrotoluene	0.3995	0.3119 0.3454	0.3477 0.3988	0.3345 0.3895	0.4416	Lin2	-0.082	0.3904			0.2000				0.9910		0.9900
Dibenzofuran	1.8240	1.7294	1.7758	1.7283 1.8047	1.9172	Ave		1.7966			0.8000	3.9		20.0			
2,3,4,6-Tetrachlorophenol	0.3519	0.3231	0.3497	0.2837 0.3489	0.3586	Ave		0.3360			0.0100	8.4		20.0			
Diethyl phthalate	1.3337	1.1320	1.2896	1.1873 1.2577	1.4674	Ave		1.2780			0.0100	9.2		20.0			
4-Chlorophenyl phenyl ether	0.6670	0.6237	0.6537	0.6094 0.6555	0.6980	Ave		0.6512			0.4000	4.8		20.0			
Fluorene	1.4441	1.3579	1.4320	1.3421 1.4503	1.5233	Ave		1.4249			0.9000	4.7		20.0			
4-Nitroaniline	0.3023	0.2688	0.3181	0.2381 0.3079	0.3420	Ave		0.2962			0.0100	12.5		20.0			
4,6-Dinitro-2-methylphenol	0.1341	0.1433	0.0704 0.1516	0.0994 0.1520	0.1263	Lin2	-0.329	0.1462			0.0100				0.9960		0.9900
N-Nitrosodiphenylamine	0.6160	0.6547	0.5896 0.5995	0.6024 0.6305	0.6125	Ave		0.6150			0.0100	3.6		20.0			
1,2-Diphenylhydrazine	0.7910	0.8697	0.7880	0.7826 0.8175	0.7904	Ave		0.8065				4.1		20.0			
4-Bromophenyl phenyl ether	0.2408	0.2538	0.2384	0.2319 0.2446	0.2368	Ave		0.2411			0.1000	3.1		20.0			
Hexachlorobenzene	0.2936 0.2793	0.2535 0.2837	0.2576 0.2666	0.2572 0.2734	0.2746	Ave		0.2711			0.1000	5.0		20.0			
Pentachlorophenol	0.1574	0.1642	0.1134 0.1704	0.1299 0.1710	0.1538	Ave		0.1514			0.0500	14.4		20.0			
Pentachloronitrobenzene	0.1065	0.1103	0.1082	0.0991 0.1107	0.1034	Ave		0.1064			0.0100	4.2		20.0			
n-Octadecane	0.6079	0.6865	0.6142	0.5726 0.6426	0.6072	Ave		0.6218				6.2		20.0			
Phenanthrene	1.1624	1.1622	1.1539	1.1275 1.1651	1.1900	Ave		1.1602			0.7000	1.7		20.0			
Anthracene	1.1637	1.1788	1.1713	1.1211 1.1893	1.2118	Ave		1.1727			0.7000	2.6		20.0			
Carbazole	0.9879	0.9445	1.0129	0.9036 0.9859	1.0690	Ave		0.9840			0.0100	5.8		20.0			
Di-n-butyl phthalate	1.1907	1.0825	1.2350	1.0355 1.1864	1.2865	Ave		1.1694			0.0100	8.0		20.0			
Fluoranthene	1.0812	1.0087	1.1722	0.9660 1.1233	1.1933	Ave		1.0908			0.6000	8.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.5830	0.4801	0.7771	0.4806 0.7746	0.5874	Ave		0.6138				21.8	*	20.0			
Pyrene	1.4943	1.4262	1.2191	1.4833 1.1861	1.4301	Ave		1.3732			0.6000	9.9		20.0			
Bisphenol-A	0.5607	0.5312	0.5449	0.5246 0.5267	0.5890	Ave		0.5462				4.6		20.0			
Butyl benzyl phthalate	0.5734	0.5680	0.5596	0.5400 0.5479	0.5848	Ave		0.5623			0.0100	3.0		20.0			
2,3,7,8-TCDD		0.1461				Ave		0.1461						20.0			
Carbamazepine	0.5081	0.5840	0.5594	0.4548 0.6280	0.4760	Lin2	-0.768	0.5851			0.0100				0.9940		0.9900
3,3'-Dichlorobenzidine	0.4820	0.4709	0.3462 0.4905	0.4160 0.5350	0.4040	Ave		0.4492			0.0100	14.2		20.0			
Benzo[a]anthracene	1.3689 1.1717	1.2294 1.1752	1.1621 1.1428	1.0969 1.1862	1.2028	Ave		1.1929			0.8000	6.3		20.0			
Bis(2-ethylhexyl) phthalate	0.7869	0.7855	0.8010	0.7392 0.7722	0.8011	Ave		0.7810			0.0100	3.0		20.0			
Chrysene	1.0850	1.0789	1.0606	1.0716 1.0888	1.1106	Ave		1.0826			0.7000	1.6		20.0			
Di-n-octyl phthalate	1.2029	1.1481	1.2938	1.0953 1.1820	1.3267	Ave		1.2081			0.0100	7.3		20.0			
Benzo[b]fluoranthene	0.9805 1.0842	1.0310 1.0888	1.0571 1.1406	1.0383 1.1599	1.1768	Ave		1.0841			0.7000	6.0		20.0			
Benzo[k]fluoranthene	1.0679 1.1381	1.0987 1.0895	1.0592 1.1579	1.0511 1.1295	1.1846	Ave		1.1085			0.7000	4.2		20.0			
Benzo[a]pyrene	0.9615 1.0961	1.0148 1.1005	1.0062 1.1293	1.0353 1.1448	1.1205	Ave		1.0677			0.7000	6.0		20.0			
Indeno[1,2,3-cd]pyrene	0.9646 1.1965	1.1231 1.3858	1.1575 1.2304	1.1244 1.3327	1.0921	Ave		1.1786			0.5000	10.8		20.0			
Dibenz(a,h)anthracene	1.1231 1.1597	1.0836 1.3500	1.1209 1.1592	1.1358 1.2207	1.1215	Ave		1.1638			0.4000	6.8		20.0			
Benzo[g,h,i]perylene	1.1933	1.4104	1.1708	1.2111 1.2341	1.1338	Ave		1.2256			0.5000	7.9		20.0			
2-Fluorophenol	1.2560	1.1949 1.2647	1.0086 1.2771	1.1300 1.2478	1.2513	Ave		1.2038				7.7		20.0			
Phenol-d5	1.5150	1.4315 1.4086	1.3366 1.4756	1.2877 1.4144	1.5272	Ave		1.4246				5.8		20.0			
Nitrobenzene-d5	0.3627 0.3837	0.3660 0.3734	0.3239 0.3826	0.3334 0.3739	0.3855	Ave		0.3650				6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

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 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2-Fluorobiphenyl	1.6604 1.6428	1.6207 1.7088	1.4247 1.6925	1.4867 1.7048	1.6707	Ave		1.6236				6.2		20.0			
2,4,6-Tribromophenol	 0.2427	0.1422 0.2107	0.1780 0.2464	0.1829 0.2317	0.2463	Lin2	-0.098	0.2331			0.0100				0.9920		0.9900
Terphenyl-d14	0.8945 1.0174	0.9221 0.9546	0.8952 0.9001	0.9246 0.8193	0.9718	Ave		0.9222				6.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-329806/10	L127031.D
Level 2	STD1 460-329806/9	L127030.D
Level 3	STD2 460-329806/8	L127029.D
Level 4	STD5 460-329806/7	L127028.D
Level 5	STD10 460-329806/6	L127027.D
Level 6	STD20 460-329806/5	L127026.D
Level 7	ICIS 460-329806/2	L127023.D
Level 8	STD80 460-329806/4	L127025.D
Level 9	STD120 460-329806/3	L127024.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	27946	81773	98920	7435 158416	12796	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCB	Ave	39557	114220	144149	10035 225979	19655	20.0	50.0	80.0	5.00 120	10.0
Pyridine	DCB	Ave	69550	201496	253170	17508 394862	34900	20.0	50.0	80.0	5.00 120	10.0
Phenol	DCB	Ave	86040	237231	308943	21668 475447	44289	20.0	50.0	80.0	5.00 120	10.0
Aniline	DCB	Ave	106689	287785	380650	26733 586737	53720	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCB	Ave	2288 66274	4101 184872	8190 239149	17402 366601	34388	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCB	Ave	79305	220796	281028	20810 430200	40229	20.0	50.0	80.0	5.00 120	10.0
n-Decane	DCB	Ave	117153	346862	424193	30032 671006	58619	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCB	Ave	90739	258830	330899	24006 513636	46205	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCB	Ave	93272	261274	335674	23475 515662	47828	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCB	Ave	44544	119262	164235	11370 242879	23067	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCB	Ave	87974	242150	315419	22245 483430	44821	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCB	Ave	65149	171302	228036	16665 335361	32278	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	134921	362250	474967	34221 720124	68413	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3 & 4 Methylphenol	DCB	Ave	72477	186620	255818	18648 374614	35335	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCB	Ave	72477	186620	255818	18648 374614	35335	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCB	Ave	1527 48641	2642 123112	5660 171368	11997 247380	23295	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCB	Ave	95787	243914	333997	22933 488495	46675	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCB	Ave	1210 36721	2315 101438	4218 129901	8821 198959	18152	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	NPT	Ave	3064 102168	5899 271845	11950 365456	25467 552465	49364	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCB	Ave	3446 111045	6093 305129	12671 402265	28218 608663	51689	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	121545	282343	13988 408786	28849 573687	58750	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	40571	105158	144863	10004 210644	19639	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	62999	156636	217034	15727 319332	31201	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	28506	74274	122328	2949 172203	12345	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	74257	184002	261721	17689 372585	37592	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	62265	153359	218057	14900 311405	31142	20.0	50.0	80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	2150 71250	3995 183519	8087 253150	17444 365088	34963	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	214450	545128	751792	53963 1096379	107903	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	87041	208895	300640	20857 424128	43153	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	41610	2143 109335	4797 152112	10221 221581	20904	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
4-Chloro-3-methylphenol	NPT	Ave	53838	124196	187070	12644 255899	26206	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	144157	348468	501582	35251 703780	71479	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	124961	296497	432082	30248 603730	61740	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	43708	109517	163684	9706 233977	21018	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2,4,5-Tetrachlorobenzene	ANT	Ave	66609	156930	230196	15725 323784	31910	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	95010	229328	334349	22867 469075	43129	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	41162	95256	4636 145481	9584 196331	20023	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	43705	96764	152295	10042 206499	21933	20.0	50.0	80.0	5.00 120	10.0
Diphenyl	ANT	Ave	169453	387656	575615	40468 789373	82057	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	131935	293188	439646	30754 603577	63674	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	85336	203089	297389	20332 414329	38552	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	45068	95332	153633	10254 206840	21427	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	105684	245393	355261	25705 499825	48872	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	131633	257736	434576	29098 563903	66853	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	39604	84994	142750	9504 189137	18668	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	31317	1279 62834	3231 103261	6961 134702	15532	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	195714	423945	657101	44960 885674	95882	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	31089	59948	106479	6623 137215	16268	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	114056	258564	401684	25549 552270	51745	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	135880	290986	434309	29310 569885	66743	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin	31351	69822	1133 +++++	4354 +++++	14759	40.0	100	4.00 +++++	10.0 +++++	20.0
4-Nitrophenol	ANT	Ave	41129	83963	159956	7703 208703	21137	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Lin2	38549	1573 72256	3831 131626	7776 168214	20135	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	175997	361831	586073	40178 779466	87425	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	33955	67597	115413	6594 150699	16354	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	128691	236826	425623	27601 543203	66915	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	64356	130479	215725	14166 283127	31827	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	139342	284088	472613	31199 626400	69461	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	29167	56248	104978	5534 132999	15595	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	41883	81302	2369 159789	6913 200385	20128	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	192362	371297	19839 632085	41909 831162	97570	40.0	100	4.00 160	10.0 240	20.0
1,2-Diphenylhydrazine	PHN	Ave	123516	246619	415387	27223 538870	62958	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	37601	71963	125680	8068 161265	18862	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	1037 43615	1831 80452	4333 140543	8947 180195	21877	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Pentachlorophenol	PHN	Ave	49146	93118	3814 179635	9040 225457	24495	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	16634	31291	57057	3447 72979	8235	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	94923	194667	323786	19917 423571	48369	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	181499	329589	608260	39218 767973	94791	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	181707	334280	617440	38998 783924	96529	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	154259	267847	533974	31431 649897	85152	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	185932	306984	651021	36019 782021	102477	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	168819	286056	617944	33600 740436	95052	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	91038	136154	409659	16716 510585	46787	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	171524	292868	628150	33840 760567	99034	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	64362	109072	280753	11968 337756	40788	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	65821	116635	288313	12319 351299	40500	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,7,8-TCDD	CRY	Ave		300					0.500			
Carbamazepine	CRY	Lin2	58329	119919	288233	10376 402689	32965	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	55331	96709	3902 252759	9490 343061	27977	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	3105 134493	5930 241333	13098 588839	25026 760641	83296	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	90329	161302	412730	16864 495118	55479	20.0	50.0	80.0	5.00 120	10.0
Chrysene	CRY	Ave	124541	221560	546500	24449 698162	76908	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	148657	277074	720874	25349 933219	93016	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	2221 133989	4775 262746	11510 635513	24028 915788	82503	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	2419 140654	5089 262934	11533 645145	24326 891762	83051	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	2178 135456	4700 265582	10956 629237	23959 903849	78558	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	2185 147871	5202 334423	12604 685581	26022 1052206	76564	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	2544 143316	5019 325794	12205 645919	26285 963783	78623	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	147473	340362	652377	28027 974362	79492	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCB	Ave	75302	4253 215594	7119 277982	17860 412457	36431	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCB	Ave	90828	5095 240115	9434 321197	20353 467514	44462	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	2327 80109	4465 201478	8056 288826	18075 400678	39022	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	4239 158521	8174 357511	15699 558582	34562 736342	76186	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Lin2	23415	717 44072	1961 81322	4252 100073	11229	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	2029 116782	4448 196025	10090 463786	21095 525329	67296	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 14:24 Calibration End Date: 10/19/2015 17:45 Calibration ID: 52863

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127023.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 19-Oct-2015 14:24:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 20-Oct-2015 04:06:57 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: croccom Date: 19-Oct-2015 14:54:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.852	1.852	0.000	95	81773	50.0	51.6	
	2 N-Nitrosodimethylamine	74	2.093	2.093	0.000	68	114220	50.0	50.4	
	3 Pyridine	79	2.128	2.128	0.000	77	201496	50.0	50.6	
$	4 2-Fluorophenol	112	3.304	3.304	0.000	93	215594	50.0	52.5	
$	6 Phenol-d5	99	4.228	4.228	0.000	95	240115	50.0	49.4	
	7 Phenol	94	4.240	4.240	0.000	97	237231	50.0	48.7	
	8 Aniline	93	4.275	4.275	0.000	98	287785	50.0	48.1	
	9 Bis(2-chloroethyl)ether	93	4.334	4.334	0.000	94	184872	50.0	48.0	
	10 2-Chlorophenol	128	4.399	4.399	0.000	94	220796	50.0	49.1	
	11 n-Decane	43	4.446	4.446	0.000	95	346862	50.0	51.4	
	12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	258830	50.0	49.4	
*	13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	136375	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	94	261274	50.0	49.3	
	15 Benzyl alcohol	108	4.734	4.734	0.000	90	119262	50.0	47.2	
	16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	95	242150	50.0	48.7	
	17 2-Methylphenol	108	4.846	4.846	0.000	87	171302	50.0	47.7	
	18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	362250	50.0	48.1	
	19 4-Methylphenol	108	5.004	5.004	0.000	82	186620	50.0	46.9	
	20 3 & 4 Methylphenol	108	5.004	5.004	0.000	87	186620	50.0	46.9	
	21 N-Nitrosodi-n-propylamine	70	5.010	5.010	0.000	79	123112	50.0	46.7	
	22 Acetophenone	105	5.010	5.010	0.000	90	243914	50.0	47.2	
	25 Hexachloroethane	117	5.122	5.122	0.000	94	101438	50.0	49.0	
$	26 Nitrobenzene-d5	82	5.163	5.163	0.000	93	201478	50.0	51.1	
	27 Nitrobenzene	77	5.181	5.181	0.000	91	271845	50.0	51.6	
	28 n,n'-Dimethylaniline	120	5.187	5.187	0.000	99	305129	50.0	49.8	
	29 Isophorone	82	5.422	5.422	0.000	97	282343	50.0	47.5	
	30 2-Nitrophenol	139	5.504	5.504	0.000	90	105158	50.0	50.6	
	31 2,4-Dimethylphenol	122	5.540	5.540	0.000	90	156636	50.0	49.0	
	32 Bis(2-chloroethoxy)methane	93	5.634	5.634	0.000	96	184002	50.0	49.0	
	33 Benzoic acid	122	5.640	5.640	0.000	59	74274	50.0	45.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.745	5.745	0.000	94	153359	50.0	48.9	
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	183519	50.0	50.8	
* 36 Naphthalene-d8	136	5.893	5.893	0.000	100	431703	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	545128	50.0	49.5	
38 4-Chloroaniline	127	5.963	5.963	0.000	97	208895	50.0	48.2	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	95	109335	50.0	51.5	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	96	124196	50.0	47.1	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	348468	50.0	48.3	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	296497	50.0	47.8	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	97	109517	50.0	54.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	97	156930	50.0	52.8	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	229328	50.0	48.9	
48 2,4,6-Trichlorophenol	196	6.887	6.887	0.000	90	95256	50.0	52.3	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	96764	50.0	50.1	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	357511	50.0	52.6	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	95	387656	50.0	51.8	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	97	293188	50.0	51.2	
53 Phenyl ether	170	7.175	7.175	0.000	89	203089	50.0	53.6	
54 2-Nitroaniline	65	7.187	7.187	0.000	98	95332	50.0	49.2	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	245393	50.0	52.7	
58 Dimethyl phthalate	163	7.369	7.369	0.000	100	257736	50.0	46.6	
59 Coumarin	146	7.398	7.398	0.000	79	84994	50.0	44.1	
60 2,6-Dinitrotoluene	165	7.428	7.428	0.000	95	62834	50.0	49.3	
61 Acenaphthylene	152	7.504	7.504	0.000	97	423945	50.0	50.1	
62 3-Nitroaniline	138	7.598	7.598	0.000	95	59948	50.0	45.5	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	167374	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	258564	50.0	51.9	
65 Acenaphthene	154	7.681	7.681	0.000	94	290986	50.0	51.1	
66 2,4-Dinitrophenol	184	7.698	7.698	0.000	90	69822	100.0	99.7	
67 4-Nitrophenol	65	7.757	7.757	0.000	89	83963	100.0	93.0	
68 2,4-Dinitrotoluene	165	7.828	7.828	0.000	95	72256	50.0	44.4	
69 Dibenzofuran	168	7.851	7.851	0.000	95	361831	50.0	48.1	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	93	67597	50.0	48.1	
71 Diethyl phthalate	149	8.069	8.069	0.000	98	236826	50.0	44.3	
74 Fluorene	166	8.187	8.187	0.000	94	284088	50.0	47.6	
73 4-Chlorophenyl phenyl ethe	204	8.187	8.187	0.000	88	130479	50.0	47.9	
75 4-Nitroaniline	138	8.198	8.198	0.000	82	56248	50.0	45.4	
76 4,6-Dinitro-2-methylphenol	198	8.234	8.234	0.000	84	81302	100.0	100.3	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	371297	100.0	106.4	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	99	246619	50.0	53.9	
$ 79 2,4,6-Tribromophenol	330	8.428	8.428	0.000	95	44072	50.0	45.6	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	91	71963	50.0	52.6	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	80452	50.0	52.3	
83 Pentachlorophenol	266	8.928	8.928	0.000	93	93118	100.0	108.4	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	87	31291	50.0	51.9	
72 n-Octadecane	57	8.998	8.998	0.000	96	194667	50.0	55.2	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	226865	40.0	40.0	
86 Phenanthrene	178	9.139	9.139	0.000	97	329589	50.0	50.1	
87 Anthracene	178	9.186	9.186	0.000	99	334280	50.0	50.3	
88 Carbazole	167	9.339	9.339	0.000	96	267847	50.0	48.0	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	100	306984	50.0	46.3	
90 Fluoranthene	202	10.316	10.316	0.000	98	286056	50.0	46.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.439	10.439	0.000	99	136154	50.0	39.1	M
92 Pyrene	202	10.551	10.551	0.000	98	292868	50.0	51.9	
93 Bisphenol-A	213	10.580	10.580	0.000	99	109072	50.0	48.6	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	196025	50.0	51.8	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	98	116635	50.0	50.5	
96 2,3,7,8-TCDD	320	11.375	11.375	0.000	54	300	0.5000	0.5000	
97 Carbamazepine	193	11.380	11.380	0.000	92	119919	50.0	51.2	
98 3,3'-Dichlorobenzidine	252	11.904	11.904	0.000	99	96709	50.0	52.4	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	241333	50.0	49.3	
* 100 Chrysene-d12	240	11.957	11.957	0.000	98	164280	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	88	161302	50.0	50.3	
101 Chrysene	228	11.986	11.986	0.000	99	221560	50.0	49.8	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	277074	50.0	47.5	
104 Benzo[b]fluoranthene	252	13.404	13.404	0.000	99	262746	50.0	50.2	
105 Benzo[k]fluoranthene	252	13.439	13.439	0.000	99	262934	50.0	49.1	
106 Benzo[a]pyrene	252	13.863	13.863	0.000	97	265582	50.0	51.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	193060	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.439	15.439	0.000	99	334423	50.0	58.8	M
109 Dibenz(a,h)anthracene	278	15.462	15.462	0.000	97	325794	50.0	58.0	
110 Benzo[g,h,i]perylene	276	15.827	15.827	0.000	97	340362	50.0	57.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

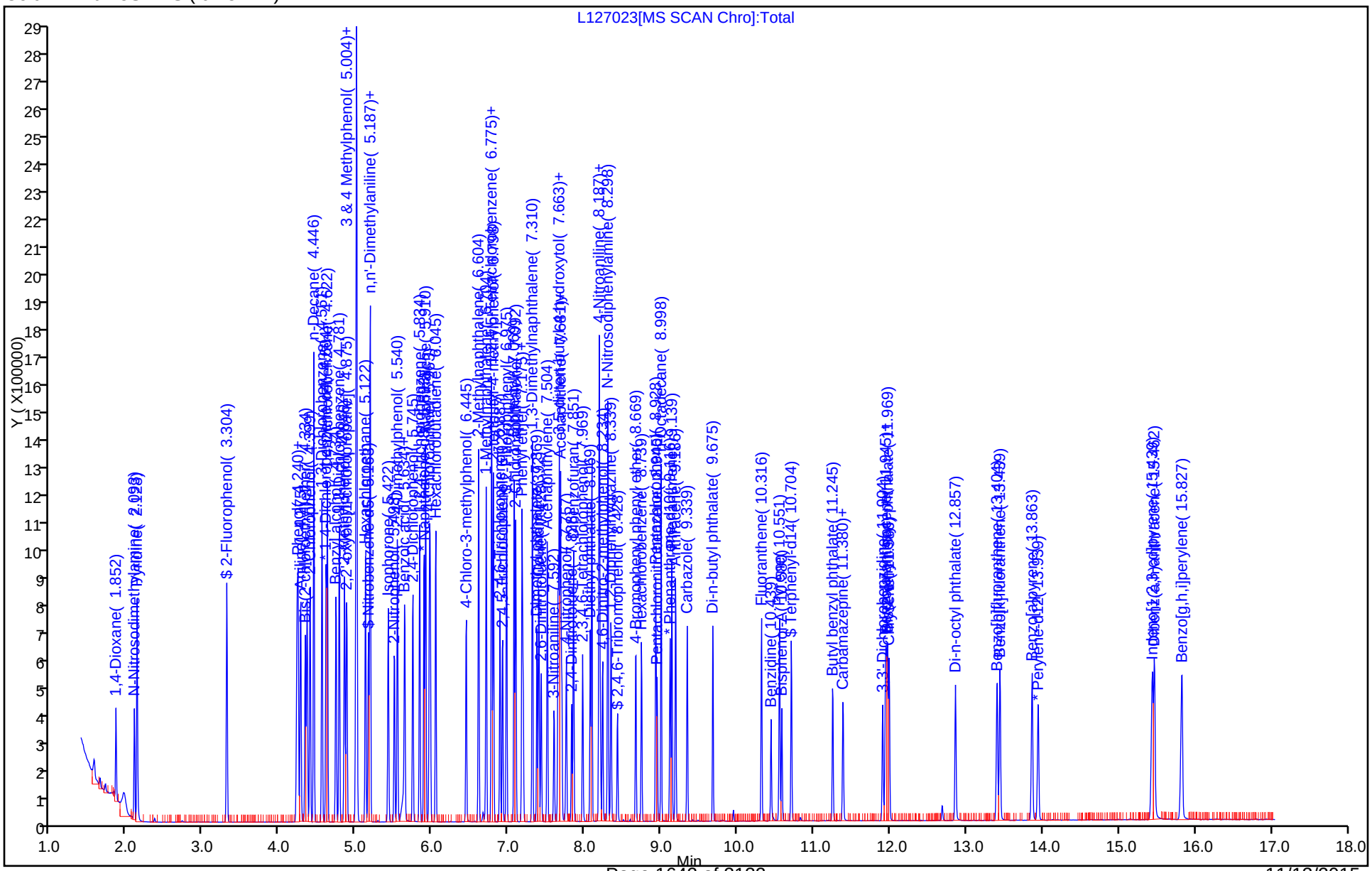
Report Date: 20-Oct-2015 04:07:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127023.D

Injection Date:	19-Oct-2015 14:24:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127024.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Oct-2015 14:49:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 20-Oct-2015 04:07:22 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK031

First Level Reviewer: szczecha Date: 19-Oct-2015 15:15:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.846	1.852	-0.006	96	158416	120.0	123.7	
	2 N-Nitrosodimethylamine	74	2.098	2.093	0.005	67	225979	120.0	123.5	
	3 Pyridine	79	2.128	2.128	0.000	77	394862	120.0	122.8	
$	4 2-Fluorophenol	112	3.310	3.304	0.006	93	412457	120.0	124.4	
$	6 Phenol-d5	99	4.240	4.228	0.012	96	467514	120.0	119.1	
	7 Phenol	94	4.251	4.240	0.011	96	475447	120.0	120.7	
	8 Aniline	93	4.281	4.275	0.006	98	586737	120.0	121.4	
	9 Bis(2-chloroethyl)ether	93	4.340	4.334	0.006	94	366601	120.0	117.7	
	10 2-Chlorophenol	128	4.404	4.399	0.006	94	430200	120.0	118.5	
	11 n-Decane	43	4.451	4.446	0.005	95	671006	120.0	123.0	
	12 1,3-Dichlorobenzene	146	4.557	4.551	0.006	95	513636	120.0	121.5	
*	13 1,4-Dichlorobenzene-d4	152	4.610	4.604	0.006	97	110183	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.628	4.622	0.006	94	515662	120.0	120.5	
	15 Benzyl alcohol	108	4.745	4.734	0.011	90	242879	120.0	119.1	
	16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	483430	120.0	120.4	
	17 2-Methylphenol	108	4.857	4.846	0.011	87	335361	120.0	115.6	
	18 2,2'-oxybis[1-chloropropan	45	4.881	4.875	0.006	90	720124	120.0	118.4	
	19 4-Methylphenol	108	5.016	5.004	0.012	83	374614	120.0	116.5	
	20 3 & 4 Methylphenol	108	5.016	5.004	0.012	79	374614	120.0	116.5	
	21 N-Nitrosodi-n-propylamine	70	5.016	5.010	0.006	96	247380	120.0	116.1	
	22 Acetophenone	105	5.016	5.010	0.006	93	488495	120.0	117.0	
	25 Hexachloroethane	117	5.122	5.122	0.000	93	198959	120.0	119.0	
$	26 Nitrobenzene-d5	82	5.169	5.163	0.006	93	400678	120.0	122.9	
	27 Nitrobenzene	77	5.192	5.181	0.011	79	552465	120.0	126.8	
	28 n,n'-Dimethylaniline	120	5.192	5.187	0.005	87	608663	120.0	122.9	
	29 Isophorone	82	5.434	5.422	0.012	97	573687	120.0	116.6	
	30 2-Nitrophenol	139	5.504	5.504	0.000	86	210644	120.0	122.4	
	31 2,4-Dimethylphenol	122	5.545	5.540	0.005	90	319332	120.0	120.8	
	32 Bis(2-chloroethoxy)methane	93	5.639	5.634	0.005	96	372585	120.0	119.9	
	33 Benzoic acid	122	5.681	5.640	0.041	94	172203	120.0	121.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.751	5.745	0.006	94	311405	120.0	120.0	
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	95	365088	120.0	122.2	
* 36 Naphthalene-d8	136	5.892	5.893	-0.001	100	357165	40.0	40.0	
37 Naphthalene	128	5.916	5.910	0.006	99	1096379	120.0	120.4	
38 4-Chloroaniline	127	5.969	5.963	0.006	97	424128	120.0	118.3	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	94	221581	120.0	126.1	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	96	255899	120.0	117.2	
42 2-Methylnaphthalene	142	6.610	6.604	0.006	84	703780	120.0	117.8	
43 1-Methylnaphthalene	142	6.710	6.704	0.006	94	603730	120.0	117.5	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	95	233977	120.0	134.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	97	323784	120.0	126.6	
46 2-tertbutyl-4-methylphenol	149	6.804	6.798	0.006	91	469075	120.0	120.8	
48 2,4,6-Trichlorophenol	196	6.892	6.887	0.005	91	196331	120.0	125.2	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	206499	120.0	124.4	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	736342	120.0	126.0	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	96	789373	120.0	122.7	
52 2-Chloronaphthalene	162	7.098	7.092	0.006	98	603577	120.0	122.4	
53 Phenyl ether	170	7.181	7.175	0.006	86	414329	120.0	127.1	
54 2-Nitroaniline	65	7.192	7.187	0.005	97	206840	120.0	124.1	
55 1,3-Dimethylnaphthalene	156	7.316	7.310	0.006	92	499825	120.0	124.7	
58 Dimethyl phthalate	163	7.381	7.369	0.011	99	563903	120.0	118.4	
59 Coumarin	146	7.404	7.398	0.006	71	189137	120.0	118.5	
60 2,6-Dinitrotoluene	165	7.433	7.428	0.005	94	134702	120.0	122.9	
61 Acenaphthylene	152	7.510	7.504	0.006	97	885674	120.0	121.7	
62 3-Nitroaniline	138	7.604	7.598	0.006	93	137215	120.0	121.0	
* 63 Acenaphthene-d10	164	7.651	7.645	0.006	97	143972	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.669	7.663	0.006	97	552270	120.0	128.8	
65 Acenaphthene	154	7.686	7.681	0.005	94	569885	120.0	116.4	
66 2,4-Dinitrophenol	184	7.704	7.698	0.006	95	172780	240.0	281.4	
67 4-Nitrophenol	65	7.769	7.757	0.012	88	208703	240.0	268.6	
68 2,4-Dinitrotoluene	165	7.833	7.828	0.005	95	168214	120.0	119.9	
69 Dibenzofuran	168	7.857	7.851	0.006	95	779466	120.0	120.5	
70 2,3,4,6-Tetrachlorophenol	232	7.975	7.969	0.006	93	150699	120.0	124.6	
71 Diethyl phthalate	149	8.075	8.069	0.006	98	543203	120.0	118.1	
74 Fluorene	166	8.192	8.187	0.005	95	626400	120.0	122.1	
73 4-Chlorophenyl phenyl ethe	204	8.186	8.187	-0.001	86	283127	120.0	120.8	
75 4-Nitroaniline	138	8.216	8.198	0.018	90	132999	120.0	124.8	
76 4,6-Dinitro-2-methylphenol	198	8.245	8.234	0.011	84	200385	240.0	251.7	
77 N-Nitrosodiphenylamine	169	8.310	8.298	0.012	69	831162	240.0	246.0	
78 1,2-Diphenylhydrazine	77	8.345	8.339	0.006	99	538870	120.0	121.6	
$ 79 2,4,6-Tribromophenol	330	8.433	8.428	0.005	95	100073	120.0	119.7	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	88	161265	120.0	121.8	
81 Hexachlorobenzene	284	8.745	8.739	0.006	98	180195	120.0	121.0	
83 Pentachlorophenol	266	8.933	8.928	0.005	93	225457	240.0	271.0	
84 Pentachloronitrobenzene	237	8.951	8.945	0.006	87	72979	120.0	124.9	
72 n-Octadecane	57	8.998	8.998	0.000	96	423571	120.0	124.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	219723	40.0	40.0	
86 Phenanthrene	178	9.145	9.139	0.006	97	767973	120.0	120.5	
87 Anthracene	178	9.192	9.186	0.006	99	783924	120.0	121.7	
88 Carbazole	167	9.345	9.339	0.006	96	649897	120.0	120.2	
89 Di-n-butyl phthalate	149	9.680	9.675	0.005	99	782021	120.0	121.7	
90 Fluoranthene	202	10.316	10.316	0.000	98	740436	120.0	123.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.445	10.439	0.006	99	510585	120.0	151.4	M
92 Pyrene	202	10.557	10.551	0.006	98	760567	120.0	103.7	
93 Bisphenol-A	213	10.586	10.580	0.006	99	337756	120.0	115.7	
$ 94 Terphenyl-d14	244	10.710	10.704	0.006	99	525329	120.0	106.6	
95 Butyl benzyl phthalate	149	11.251	11.245	0.006	97	351299	120.0	116.9	
97 Carbamazepine	193	11.392	11.380	0.012	91	402689	120.0	130.1	
98 3,3'-Dichlorobenzidine	252	11.910	11.904	0.006	100	343061	120.0	142.9	
99 Benzo[a]anthracene	228	11.945	11.939	0.006	98	760641	120.0	119.3	
* 100 Chrysene-d12	240	11.963	11.957	0.006	83	213739	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	495118	120.0	118.6	
101 Chrysene	228	11.998	11.986	0.012	98	698162	120.0	120.7	
103 Di-n-octyl phthalate	149	12.863	12.857	0.005	97	933219	120.0	117.4	
104 Benzo[b]fluoranthene	252	13.415	13.404	0.011	98	915788	120.0	128.4	
105 Benzo[k]fluoranthene	252	13.457	13.439	0.018	99	891762	120.0	122.3	
106 Benzo[a]pyrene	252	13.874	13.863	0.011	97	903849	120.0	128.7	
* 107 Perylene-d12	264	13.945	13.939	0.006	98	263172	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.456	15.439	0.017	98	1052206	120.0	135.7	
109 Dibenz(a,h)anthracene	278	15.486	15.462	0.024	97	963783	120.0	125.9	
110 Benzo[g,h,i]perylene	276	15.851	15.827	0.024	97	974362	120.0	120.8	
S 117 Total Cresols	1				0			232.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L8_00009 Amount Added: 1.00 Units: mL

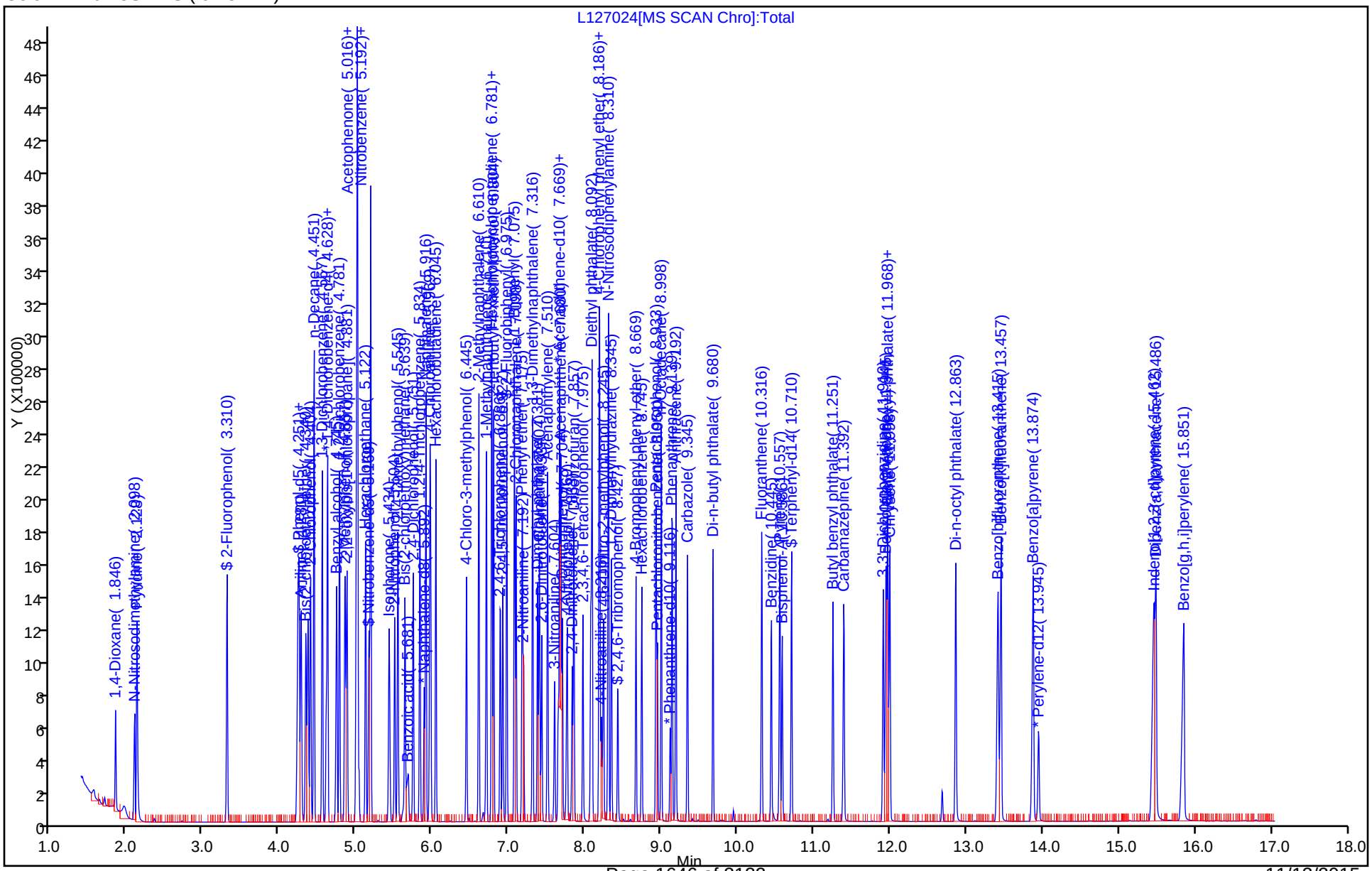
Report Date: 20-Oct-2015 04:07:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127024.D

Injection Date:	19-Oct-2015 14:49:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127025.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Oct-2015 15:14:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-004
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:33 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 15:53:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	96	98920	80.0	78.2	
2 N-Nitrosodimethylamine	74	2.093	2.093	0.000	68	144149	80.0	79.8	
3 Pyridine	79	2.122	2.128	-0.006	77	253170	80.0	79.7	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	93	277982	80.0	84.9	
$ 6 Phenol-d5	99	4.228	4.228	0.000	88	321197	80.0	82.9	
7 Phenol	94	4.245	4.240	0.005	97	308943	80.0	79.4	
8 Aniline	93	4.275	4.275	0.000	98	380650	80.0	79.7	
9 Bis(2-chloroethyl)ether	93	4.334	4.334	0.000	94	239149	80.0	77.8	
10 2-Chlorophenol	128	4.398	4.399	0.000	94	281028	80.0	78.4	
11 n-Decane	43	4.445	4.446	-0.001	96	424193	80.0	78.7	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	330899	80.0	79.2	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	108835	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	93	335674	80.0	79.4	
15 Benzyl alcohol	108	4.739	4.734	0.005	90	164235	80.0	81.5	
16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	315419	80.0	79.5	
17 2-Methylphenol	108	4.851	4.846	0.005	87	228036	80.0	79.6	
18 2,2'-oxybis[1-chloropropan	45	4.881	4.875	0.006	90	474967	80.0	79.0	
19 4-Methylphenol	108	5.010	5.004	0.006	79	255818	80.0	80.5	
20 3 & 4 Methylphenol	108	5.010	5.004	0.006	81	255818	80.0	80.5	
21 N-Nitrosodi-n-propylamine	70	5.016	5.010	0.006	92	171368	80.0	81.4	
22 Acetophenone	105	5.010	5.010	0.000	89	333997	80.0	81.0	
25 Hexachloroethane	117	5.122	5.122	0.000	93	129901	80.0	78.7	
$ 26 Nitrobenzene-d5	82	5.163	5.163	0.000	92	288826	80.0	83.9	
27 Nitrobenzene	77	5.187	5.181	0.006	87	365456	80.0	79.4	
28 n,n'-Dimethylaniline	120	5.187	5.187	0.000	94	402265	80.0	82.2	
29 Isophorone	82	5.428	5.422	0.006	97	408786	80.0	78.6	
30 2-Nitrophenol	139	5.504	5.504	0.000	87	144863	80.0	79.7	
31 2,4-Dimethylphenol	122	5.545	5.540	0.005	90	217034	80.0	77.7	
32 Bis(2-chloroethoxy)methane	93	5.639	5.634	0.005	96	261721	80.0	79.7	
33 Benzoic acid	122	5.663	5.640	0.023	92	122328	80.0	82.9	
34 2,4-Dichlorophenol	162	5.745	5.745	0.000	94	218057	80.0	79.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	253150	80.0	80.2	
* 36 Naphthalene-d8	136	5.892	5.893	-0.001	99	377454	40.0	40.0	
37 Naphthalene	128	5.916	5.910	0.006	99	751792	80.0	78.1	
38 4-Chloroaniline	127	5.963	5.963	0.000	97	300640	80.0	79.3	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	95	152112	80.0	81.9	
41 4-Chloro-3-methylphenol	107	6.445	6.445	0.000	95	187070	80.0	81.1	
42 2-Methylnaphthalene	142	6.610	6.604	0.006	85	501582	80.0	79.5	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	432082	80.0	79.6	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	96	163684	80.0	82.3	
45 1,2,4,5-Tetrachlorobenzene	216	6.781	6.781	0.000	96	230196	80.0	78.5	
46 2-tertbutyl-4-methylphenol	149	6.804	6.798	0.006	92	334349	80.0	81.5	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	90	145481	80.0	81.0	
49 2,4,5-Trichlorophenol	196	6.922	6.922	0.000	97	152295	80.0	80.0	
$ 50 2-Fluorobiphenyl	172	6.975	6.975	0.000	97	558582	80.0	83.4	
51 1,1'-Biphenyl	154	7.075	7.075	0.000	95	575615	80.0	78.1	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	98	439646	80.0	77.8	
53 Phenyl ether	170	7.175	7.175	0.000	86	297389	80.0	79.6	
54 2-Nitroaniline	65	7.192	7.187	0.005	97	153633	80.0	80.4	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	91	355261	80.0	77.4	
58 Dimethyl phthalate	163	7.375	7.369	0.006	99	434576	80.0	79.6	
59 Coumarin	146	7.398	7.398	0.000	71	142750	80.0	84.6	
60 2,6-Dinitrotoluene	165	7.433	7.428	0.005	94	103261	80.0	82.2	
61 Acenaphthylene	152	7.510	7.504	0.006	97	657101	80.0	78.8	
62 3-Nitroaniline	138	7.598	7.598	0.000	94	106479	80.0	81.9	
* 63 Acenaphthene-d10	164	7.651	7.645	0.006	97	165015	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	401684	80.0	81.7	
65 Acenaphthene	154	7.680	7.681	-0.001	94	434309	80.0	77.4	
66 2,4-Dinitrophenol	184	7.704	7.698	0.006	69	133811	160.0	191.1	
67 4-Nitrophenol	65	7.763	7.757	0.006	88	159956	160.0	179.6	
68 2,4-Dinitrotoluene	165	7.828	7.828	0.000	94	131626	80.0	81.9	
69 Dibenzofuran	168	7.851	7.851	0.000	95	586073	80.0	79.1	
70 2,3,4,6-Tetrachlorophenol	232	7.975	7.969	0.006	95	115413	80.0	83.3	
71 Diethyl phthalate	149	8.075	8.069	0.006	98	425623	80.0	80.7	
74 Fluorene	166	8.192	8.187	0.005	95	472613	80.0	80.4	
73 4-Chlorophenyl phenyl ethe	204	8.186	8.187	-0.001	91	215725	80.0	80.3	
75 4-Nitroaniline	138	8.210	8.198	0.012	89	104978	80.0	85.9	
76 4,6-Dinitro-2-methylphenol	198	8.239	8.234	0.005	83	159789	160.0	168.1	
77 N-Nitrosodiphenylamine	169	8.304	8.298	0.006	69	632085	160.0	156.0	
78 1,2-Diphenylhydrazine	77	8.345	8.339	0.006	99	415387	80.0	78.2	
$ 79 2,4,6-Tribromophenol	330	8.427	8.428	-0.001	95	81322	80.0	85.0	
80 4-Bromophenyl phenyl ether	248	8.669	8.669	0.000	88	125680	80.0	79.1	
81 Hexachlorobenzene	284	8.745	8.739	0.006	98	140543	80.0	78.7	
83 Pentachlorophenol	266	8.933	8.928	0.005	93	179635	160.0	180.0	
84 Pentachloronitrobenzene	237	8.951	8.945	0.006	89	57057	80.0	81.4	
72 n-Octadecane	57	8.998	8.998	0.000	97	323786	80.0	79.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	263576	40.0	40.0	
86 Phenanthrene	178	9.139	9.139	0.000	97	608260	80.0	79.6	
87 Anthracene	178	9.192	9.186	0.006	99	617440	80.0	79.9	
88 Carbazole	167	9.345	9.339	0.006	96	533974	80.0	82.4	
89 Di-n-butyl phthalate	149	9.680	9.675	0.005	99	651021	80.0	84.5	
90 Fluoranthene	202	10.316	10.316	0.000	98	617944	80.0	86.0	
91 Benzidine	184	10.445	10.439	0.006	99	409659	80.0	101.3	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.551	10.551	0.000	97	628150	80.0	71.0	
93 Bisphenol-A	213	10.586	10.580	0.006	99	280753	80.0	79.8	
$ 94 Terphenyl-d14	244	10.710	10.704	0.006	99	463786	80.0	78.1	
95 Butyl benzyl phthalate	149	11.251	11.245	0.006	97	288313	80.0	79.6	
97 Carbamazepine	193	11.392	11.380	0.012	91	288233	80.0	77.8	
98 3,3'-Dichlorobenzidine	252	11.910	11.904	0.006	100	252759	80.0	87.4	
99 Benzo[a]anthracene	228	11.945	11.939	0.006	98	588839	80.0	76.6	
* 100 Chrysene-d12	240	11.957	11.957	0.000	98	257629	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	412730	80.0	82.1	
101 Chrysene	228	11.992	11.986	0.006	99	546500	80.0	78.4	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	720874	80.0	85.7	
104 Benzo[b]fluoranthene	252	13.410	13.404	0.006	98	635513	80.0	84.2	
105 Benzo[k]fluoranthene	252	13.451	13.439	0.012	99	645145	80.0	83.6	
106 Benzo[a]pyrene	252	13.868	13.863	0.005	97	629237	80.0	84.6	
* 107 Perylene-d12	264	13.945	13.939	0.006	97	278596	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.445	15.439	0.006	99	685581	80.0	83.5	M
109 Dibenz(a,h)anthracene	278	15.474	15.462	0.012	98	645919	80.0	79.7	
110 Benzo[g,h,i]perylene	276	15.839	15.827	0.012	97	652377	80.0	76.4	
S 117 Total Cresols	1				0			160.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L7_00009 Amount Added: 1.00 Units: mL

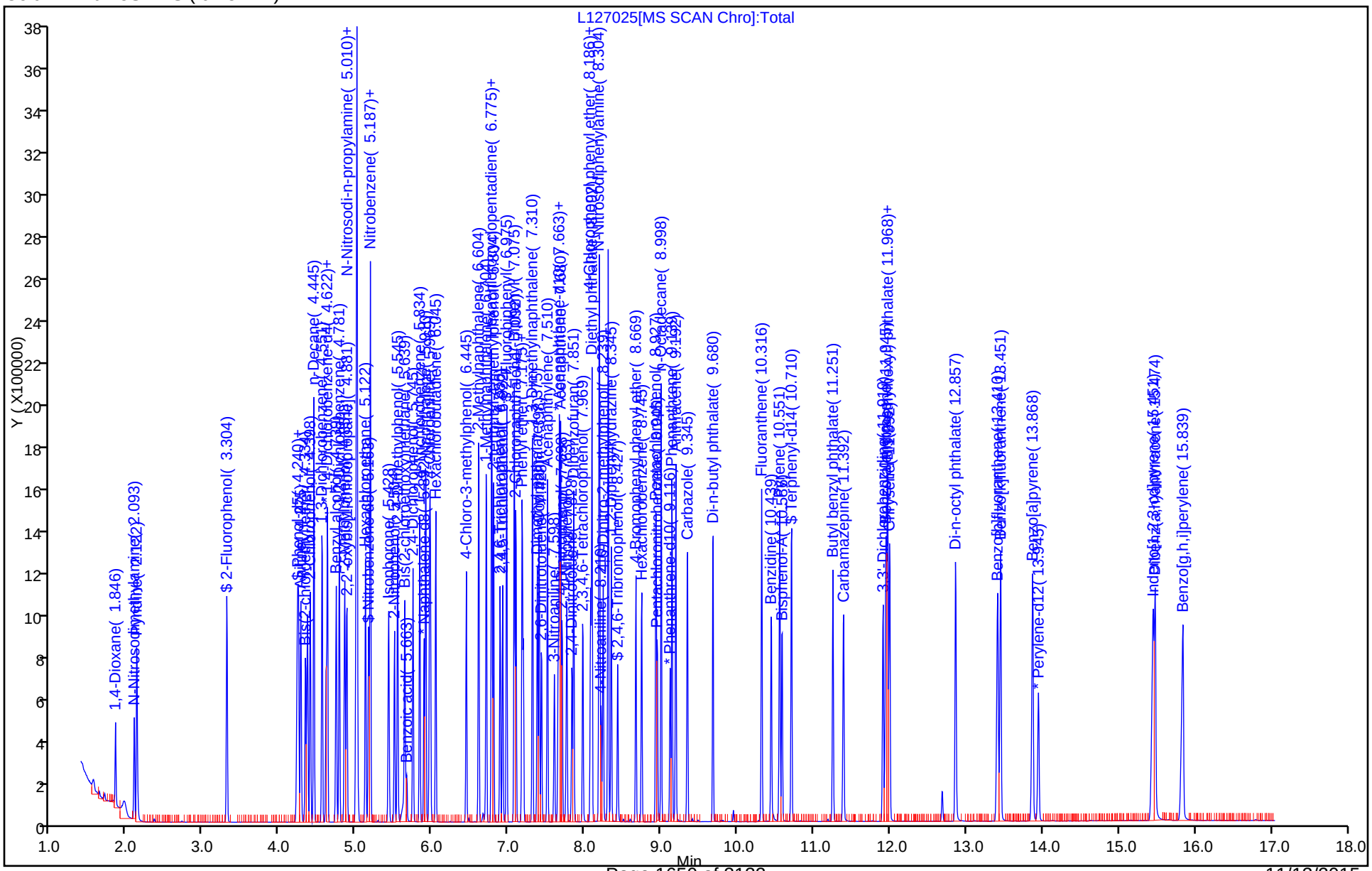
Report Date: 19-Oct-2015 21:04:35 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127025.D

Injection Date:	19-Oct-2015 15:14:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127026.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Oct-2015 15:39:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-005
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:40 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:47:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.851	1.852	-0.001	96	27946	20.0	20.1	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	69	39557	20.0	19.9	
3 Pyridine	79	2.128	2.128	0.000	77	69550	20.0	19.9	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	94	75302	20.0	20.9	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	84	90828	20.0	21.3	
7 Phenol	94	4.234	4.240	-0.006	96	86040	20.0	20.1	
8 Aniline	93	4.269	4.275	-0.006	98	106689	20.0	20.3	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	94	66274	20.0	19.6	
10 2-Chlorophenol	128	4.392	4.399	-0.006	95	79305	20.0	20.1	
11 n-Decane	43	4.445	4.446	-0.001	95	117153	20.0	19.7	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	90739	20.0	19.7	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	119908	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	95	93272	20.0	20.0	
15 Benzyl alcohol	108	4.734	4.734	0.000	90	44544	20.0	20.1	
16 1,2-Dichlorobenzene	146	4.781	4.781	0.000	96	87974	20.0	20.1	
17 2-Methylphenol	108	4.845	4.846	-0.001	87	65149	20.0	20.6	
18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	134921	20.0	20.4	
19 4-Methylphenol	108	4.998	5.004	-0.006	86	72477	20.0	20.7	
20 3 & 4 Methylphenol	108	4.998	5.004	-0.006	85	72477	20.0	20.7	
21 N-Nitrosodi-n-propylamine	70	5.004	5.010	-0.006	92	48641	20.0	21.0	
22 Acetophenone	105	5.004	5.010	-0.006	88	95787	20.0	21.1	
25 Hexachloroethane	117	5.122	5.122	0.000	94	36721	20.0	20.2	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	80109	20.0	21.0	
27 Nitrobenzene	77	5.181	5.181	0.000	87	102168	20.0	20.1	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	92	111045	20.0	20.6	
29 Isophorone	82	5.416	5.422	-0.006	97	121545	20.0	21.1	
30 2-Nitrophenol	139	5.498	5.504	-0.006	86	40571	20.0	20.2	
31 2,4-Dimethylphenol	122	5.539	5.540	-0.001	90	62999	20.0	20.4	
32 Bis(2-chloroethoxy)methane	93	5.634	5.634	0.000	96	74257	20.0	20.4	
33 Benzoic acid	122	5.610	5.640	-0.030	90	28506	20.0	20.0	
34 2,4-Dichlorophenol	162	5.739	5.745	-0.006	94	62265	20.0	20.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.834	5.834	0.000	94	71250	20.0	20.4	
* 36 Naphthalene-d8	136	5.886	5.893	-0.007	99	417509	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	214450	20.0	20.1	
38 4-Chloroaniline	127	5.957	5.963	-0.006	97	87041	20.0	20.8	
39 Hexachlorobutadiene	225	6.045	6.045	0.000	94	41610	20.0	20.3	
41 4-Chloro-3-methylphenol	107	6.439	6.445	-0.006	95	53838	20.0	21.1	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	144157	20.0	20.6	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	124961	20.0	20.8	
44 Hexachlorocyclopentadiene	237	6.775	6.775	0.000	96	43708	20.0	18.8	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	97	66609	20.0	19.4	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	95010	20.0	20.9	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	90	41162	20.0	19.6	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	96	43705	20.0	19.6	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	98	158521	20.0	20.2	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	95	169453	20.0	19.7	
52 2-Chloronaphthalene	162	7.092	7.092	0.000	98	131935	20.0	20.0	
53 Phenyl ether	170	7.175	7.175	0.000	90	85336	20.0	19.5	
54 2-Nitroaniline	65	7.186	7.187	-0.001	98	45068	20.0	20.2	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	105684	20.0	19.7	
58 Dimethyl phthalate	163	7.369	7.369	0.000	99	131633	20.0	20.6	
59 Coumarin	146	7.392	7.398	-0.006	75	39604	20.0	21.2	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	94	31317	20.0	21.3	
61 Acenaphthylene	152	7.504	7.504	0.000	97	195714	20.0	20.1	
62 3-Nitroaniline	138	7.592	7.598	-0.006	93	31089	20.0	20.4	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	192983	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	114056	20.0	19.8	
65 Acenaphthene	154	7.675	7.681	-0.006	94	135880	20.0	20.7	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	73	31351	40.0	40.5	
67 4-Nitrophenol	65	7.751	7.757	-0.006	89	41129	40.0	39.5	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	94	38549	20.0	20.7	
69 Dibenzofuran	168	7.845	7.851	-0.006	95	175997	20.0	20.3	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	94	33955	20.0	20.9	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	128691	20.0	20.9	
74 Fluorene	166	8.186	8.187	-0.001	95	139342	20.0	20.3	
73 4-Chlorophenyl phenyl ethe	204	8.180	8.187	-0.007	85	64356	20.0	20.5	
75 4-Nitroaniline	138	8.198	8.198	0.000	90	29167	20.0	20.4	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	83	41883	40.0	38.9	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	192362	40.0	40.1	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	98	123516	20.0	19.6	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	23415	20.0	21.2	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	87	37601	20.0	20.0	
81 Hexachlorobenzene	284	8.739	8.739	0.000	96	43615	20.0	20.6	
83 Pentachlorophenol	266	8.927	8.928	-0.001	93	49146	40.0	41.6	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	87	16634	20.0	20.0	
72 n-Octadecane	57	8.998	8.998	0.000	96	94923	20.0	19.6	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	312294	40.0	40.0	
86 Phenanthrene	178	9.133	9.139	-0.006	97	181499	20.0	20.0	
87 Anthracene	178	9.186	9.186	0.000	98	181707	20.0	19.8	
88 Carbazole	167	9.339	9.339	0.000	96	154259	20.0	20.1	
89 Di-n-butyl phthalate	149	9.674	9.675	-0.001	99	185932	20.0	20.4	
90 Fluoranthene	202	10.310	10.316	-0.006	98	168819	20.0	19.8	
91 Benzidine	184	10.439	10.439	0.000	99	91038	20.0	19.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	97	171524	20.0	21.8	
93 Bisphenol-A	213	10.580	10.580	0.000	99	64362	20.0	20.5	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	116782	20.0	22.1	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	96	65821	20.0	20.4	
97 Carbamazepine	193	11.380	11.380	0.000	91	58329	20.0	18.7	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	55331	20.0	21.5	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	134493	20.0	19.6	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	229574	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.968	11.969	-0.001	87	90329	20.0	20.2	
101 Chrysene	228	11.986	11.986	0.000	99	124541	20.0	20.0	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	148657	20.0	19.9	
104 Benzo[b]fluoranthene	252	13.398	13.404	-0.006	98	133989	20.0	20.0	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	140654	20.0	20.5	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	135456	20.0	20.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	99	247167	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.427	15.439	-0.012	99	147871	20.0	20.3	M
109 Dibenz(a,h)anthracene	278	15.456	15.462	-0.006	97	143316	20.0	19.9	
110 Benzo[g,h,i]perylene	276	15.809	15.827	-0.018	97	147473	20.0	19.5	
S 117 Total Cresols	1				0			41.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L5_00009 Amount Added: 1.00 Units: mL

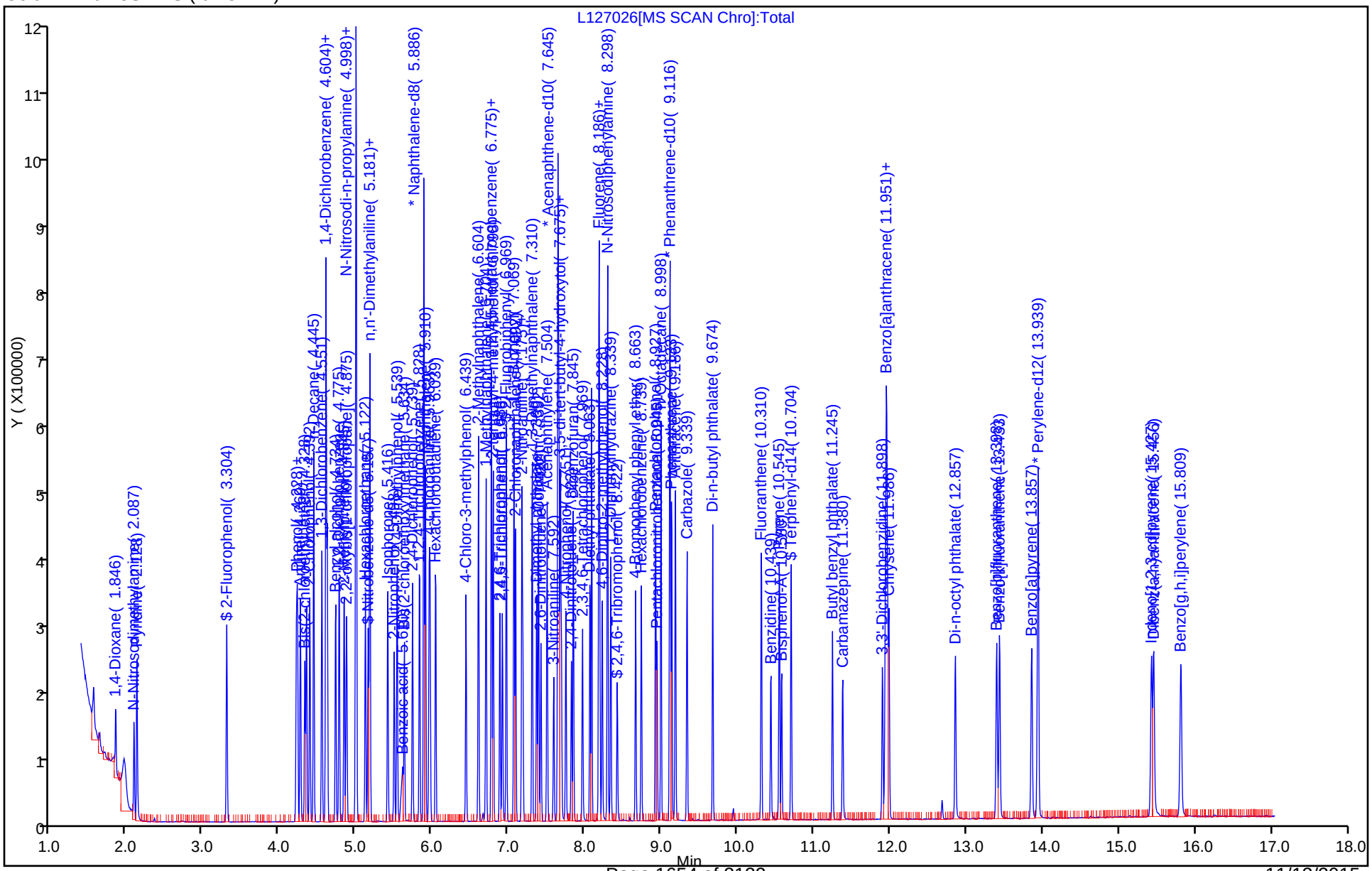
Report Date: 19-Oct-2015 21:04:43 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127026.D

Injection Date:	19-Oct-2015 15:39:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127027.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Oct-2015 16:04:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-006
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:49 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:48:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	94	12796	10.0	9.45	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	67	19655	10.0	10.2	
3 Pyridine	79	2.128	2.128	0.000	78	34900	10.0	10.3	
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	93	36431	10.0	10.4	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	87	44462	10.0	10.7	
7 Phenol	94	4.228	4.240	-0.012	96	44289	10.0	10.6	
8 Aniline	93	4.269	4.275	-0.006	98	53720	10.0	10.5	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	95	34388	10.0	10.4	
10 2-Chlorophenol	128	4.393	4.399	-0.005	94	40229	10.0	10.5	
11 n-Decane	43	4.446	4.446	0.000	95	58619	10.0	10.2	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	95	46205	10.0	10.3	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	116455	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	97	47828	10.0	10.6	
15 Benzyl alcohol	108	4.728	4.734	-0.006	91	23067	10.0	10.7	
16 1,2-Dichlorobenzene	146	4.775	4.781	-0.006	95	44821	10.0	10.6	
17 2-Methylphenol	108	4.840	4.846	-0.006	86	32278	10.0	10.5	
18 2,2'-oxybis[1-chloropropan	45	4.875	4.875	0.000	91	68413	10.0	10.6	
19 4-Methylphenol	108	4.993	5.004	-0.011	83	35335	10.0	10.4	
20 3 & 4 Methylphenol	108	4.993	5.004	-0.011	87	35335	10.0	10.4	
21 N-Nitrosodi-n-propylamine	70	4.999	5.010	-0.012	85	23295	10.0	10.3	
22 Acetophenone	105	4.999	5.010	-0.012	89	46675	10.0	10.6	
25 Hexachloroethane	117	5.122	5.122	0.000	93	18152	10.0	10.3	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	39022	10.0	10.6	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	49364	10.0	10.0	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	51689	10.0	9.88	
29 Isophorone	82	5.410	5.422	-0.012	97	58750	10.0	10.5	
30 2-Nitrophenol	139	5.498	5.504	-0.006	85	19639	10.0	10.1	
31 2,4-Dimethylphenol	122	5.534	5.540	-0.006	90	31201	10.0	10.4	
32 Bis(2-chloroethoxy)methane	93	5.628	5.634	-0.006	97	37592	10.0	10.7	
33 Benzoic acid	122	5.593	5.640	-0.047	91	12345	10.0	10.7	
34 2,4-Dichlorophenol	162	5.740	5.745	-0.005	94	31142	10.0	10.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	94	34963	10.0	10.3	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	404916	40.0	40.0	
37 Naphthalene	128	5.910	5.910	0.000	99	107903	10.0	10.5	
38 4-Chloroaniline	127	5.957	5.963	-0.006	97	43153	10.0	10.6	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	94	20904	10.0	10.5	
41 4-Chloro-3-methylphenol	107	6.440	6.445	-0.005	95	26206	10.0	10.6	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	71479	10.0	10.6	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	61740	10.0	10.6	
44 Hexachlorocyclopentadiene	237	6.769	6.775	-0.006	95	21018	10.0	9.56	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	96	31910	10.0	9.85	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	91	43129	10.0	9.80	
48 2,4,6-Trichlorophenol	196	6.887	6.887	0.000	88	20023	10.0	10.1	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	96	21933	10.0	10.4	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	76186	10.0	10.3	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	95	82057	10.0	10.1	
52 2-Chloronaphthalene	162	7.087	7.092	-0.005	98	63674	10.0	10.2	
53 Phenyl ether	170	7.175	7.175	0.000	90	38552	10.0	9.33	
54 2-Nitroaniline	65	7.181	7.187	-0.006	97	21427	10.0	10.1	
55 1,3-Dimethylnaphthalene	156	7.310	7.310	0.000	92	48872	10.0	9.63	
58 Dimethyl phthalate	163	7.363	7.369	-0.006	99	66853	10.0	11.1	
59 Coumarin	146	7.392	7.398	-0.006	75	18668	10.0	10.3	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	94	15532	10.0	11.2	
61 Acenaphthylene	152	7.504	7.504	0.000	97	95882	10.0	10.4	
62 3-Nitroaniline	138	7.587	7.598	-0.011	93	16268	10.0	11.3	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	182400	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.663	7.663	0.000	97	51745	10.0	9.53	
65 Acenaphthene	154	7.675	7.681	-0.006	94	66743	10.0	10.8	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	66	14759	20.0	21.6	
67 4-Nitrophenol	65	7.745	7.757	-0.012	88	21137	20.0	21.5	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	95	20135	10.0	11.5	
69 Dibenzofuran	168	7.845	7.851	-0.006	95	87425	10.0	10.7	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	93	16354	10.0	10.7	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	66915	10.0	11.5	
74 Fluorene	166	8.187	8.187	0.000	94	69461	10.0	10.7	
73 4-Chlorophenyl phenyl ethe	204	8.181	8.187	-0.006	84	31827	10.0	10.7	
75 4-Nitroaniline	138	8.192	8.198	-0.006	90	15595	10.0	11.5	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	83	20128	20.0	19.5	
77 N-Nitrosodiphenylamine	169	8.298	8.298	0.000	69	97570	20.0	19.9	
78 1,2-Diphenylhydrazine	77	8.339	8.339	0.000	98	62958	10.0	9.80	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	11229	10.0	11.0	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	88	18862	10.0	9.82	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	21877	10.0	10.1	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	24495	20.0	20.3	
84 Pentachloronitrobenzene	237	8.945	8.945	0.000	86	8235	10.0	9.72	
72 n-Octadecane	57	8.998	8.998	0.000	96	48369	10.0	9.77	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	318621	40.0	40.0	
86 Phenanthrene	178	9.134	9.139	-0.005	97	94791	10.0	10.3	
87 Anthracene	178	9.186	9.186	0.000	99	96529	10.0	10.3	
88 Carbazole	167	9.339	9.339	0.000	96	85152	10.0	10.9	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	100	102477	10.0	11.0	
90 Fluoranthene	202	10.310	10.316	-0.006	98	95052	10.0	10.9	
91 Benzidine	184	10.433	10.439	-0.006	99	46787	10.0	9.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	98	99034	10.0	10.4	
93 Bisphenol-A	213	10.575	10.580	-0.005	99	40788	10.0	10.8	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	67296	10.0	10.5	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	97	40500	10.0	10.4	
97 Carbamazepine	193	11.375	11.380	-0.005	93	32965	10.0	9.45	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	27977	10.0	8.99	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	98	83296	10.0	10.1	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	276997	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	88	55479	10.0	10.3	
101 Chrysene	228	11.986	11.986	0.000	98	76908	10.0	10.3	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	93016	10.0	11.0	
104 Benzo[b]fluoranthene	252	13.398	13.404	-0.006	99	82503	10.0	10.9	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	83051	10.0	10.7	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	78558	10.0	10.5	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	280433	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	99	76564	10.0	9.27	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	78623	10.0	9.64	
110 Benzo[g,h,i]perylene	276	15.810	15.827	-0.017	97	79492	10.0	9.25	
S 117 Total Cresols	1				0			20.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L4_00009 Amount Added: 1.00 Units: mL

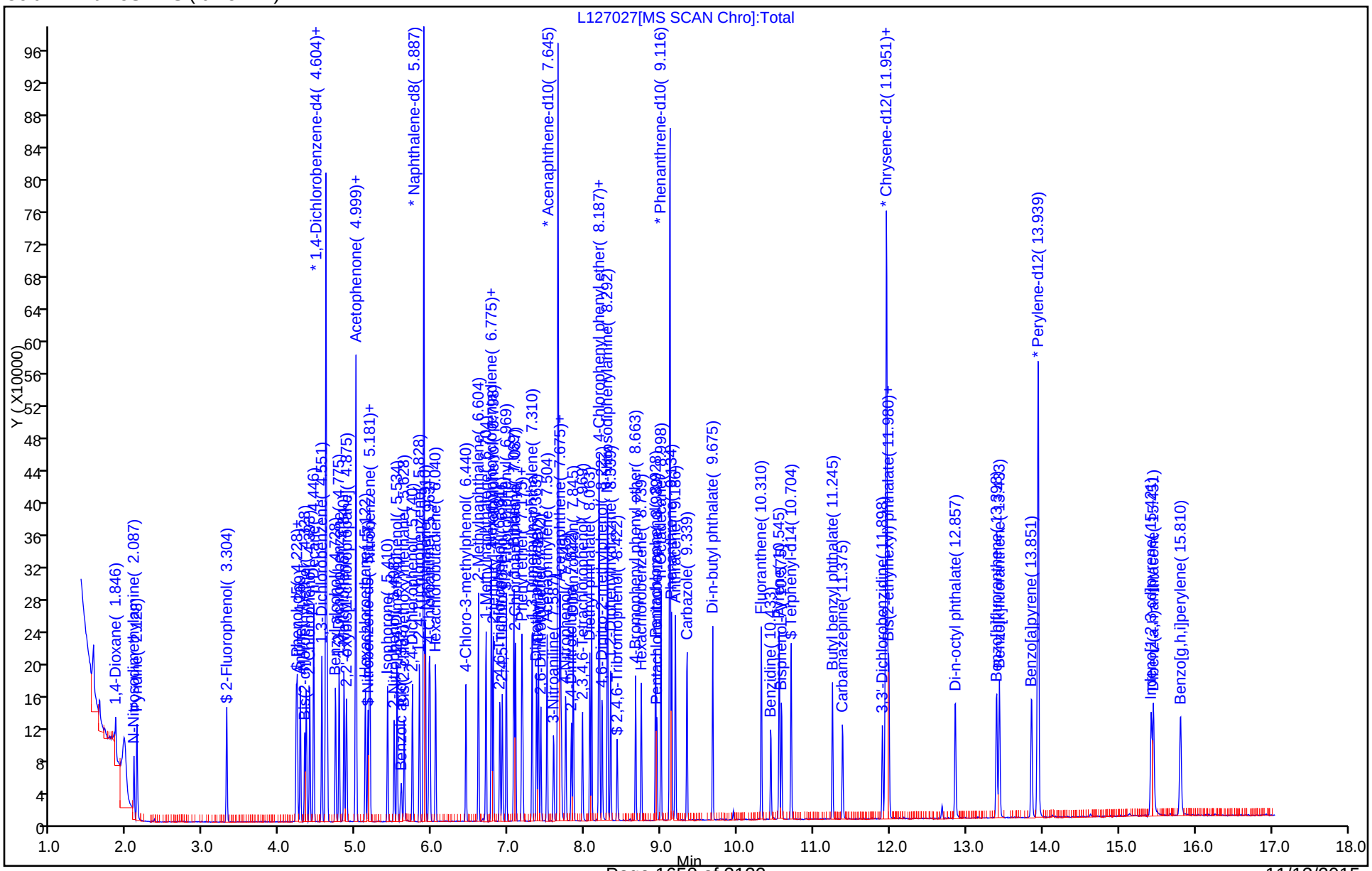
Report Date: 19-Oct-2015 21:04:52 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127027.D

Injection Date:	19-Oct-2015 16:04:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127028.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Oct-2015 16:29:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-007
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:56 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:49:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.846	1.852	-0.006	94	7435	5.00	5.06	
2 N-Nitrosodimethylamine	74	2.087	2.093	-0.006	68	10035	5.00	4.78	
3 Pyridine	79	2.128	2.128	0.000	77	17508	5.00	4.74	
$ 4 2-Fluorophenol	112	3.299	3.304	-0.005	93	17860	5.00	4.69	
$ 6 Phenol-d5	99	4.210	4.228	-0.018	84	20353	5.00	4.52	
7 Phenol	94	4.228	4.240	-0.012	96	21668	5.00	4.80	
8 Aniline	93	4.263	4.275	-0.012	98	26733	5.00	4.82	
9 Bis(2-chloroethyl)ether	93	4.322	4.334	-0.012	93	17402	5.00	4.87	
10 2-Chlorophenol	128	4.393	4.399	-0.005	95	20810	5.00	4.99	
11 n-Decane	43	4.440	4.446	-0.006	95	30032	5.00	4.80	
12 1,3-Dichlorobenzene	146	4.551	4.551	0.000	96	24006	5.00	4.95	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	126441	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.622	4.622	0.000	95	23475	5.00	4.78	
15 Benzyl alcohol	108	4.728	4.734	-0.006	90	11370	5.00	4.86	
16 1,2-Dichlorobenzene	146	4.775	4.781	-0.006	95	22245	5.00	4.83	
17 2-Methylphenol	108	4.840	4.846	-0.006	86	16665	5.00	5.01	
18 2,2'-oxybis[1-chloropropan	45	4.869	4.875	-0.006	91	34221	5.00	4.90	
19 4-Methylphenol	108	4.993	5.004	-0.011	80	18648	5.00	5.05	
20 3 & 4 Methylphenol	108	4.993	5.004	-0.011	85	18648	5.00	5.05	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	88	11997	5.00	4.91	
22 Acetophenone	105	4.998	5.010	-0.012	92	22933	5.00	4.79	
25 Hexachloroethane	117	5.122	5.122	0.000	91	8821	5.00	4.60	
$ 26 Nitrobenzene-d5	82	5.151	5.163	-0.012	89	18075	5.00	4.57	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	25467	5.00	4.81	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	28218	5.00	4.97	
29 Isophorone	82	5.410	5.422	-0.012	98	28849	5.00	4.83	
30 2-Nitrophenol	139	5.498	5.504	-0.006	86	10004	5.00	4.79	
31 2,4-Dimethylphenol	122	5.534	5.540	-0.006	90	15727	5.00	4.90	
32 Bis(2-chloroethoxy)methane	93	5.628	5.634	-0.006	95	17689	5.00	4.69	
33 Benzoic acid	122	5.581	5.640	-0.059	87	2949	5.00	4.86	
34 2,4-Dichlorophenol	162	5.740	5.745	-0.005	93	14900	5.00	4.73	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	94	17444	5.00	4.81	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	433722	40.0	40.0	
37 Naphthalene	128	5.904	5.910	-0.006	99	53963	5.00	4.88	
38 4-Chloroaniline	127	5.957	5.963	-0.006	96	20857	5.00	4.79	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	92	10221	5.00	4.79	
41 4-Chloro-3-methylphenol	107	6.440	6.445	-0.005	96	12644	5.00	4.77	
42 2-Methylnaphthalene	142	6.604	6.604	0.000	85	35251	5.00	4.86	
43 1-Methylnaphthalene	142	6.704	6.704	0.000	93	30248	5.00	4.85	
44 Hexachlorocyclopentadiene	237	6.769	6.775	-0.006	96	9706	5.00	4.33	
45 1,2,4,5-Tetrachlorobenzene	216	6.775	6.781	-0.006	96	15725	5.00	4.76	
46 2-tertbutyl-4-methylphenol	149	6.798	6.798	0.000	92	22867	5.00	4.85	
48 2,4,6-Trichlorophenol	196	6.881	6.887	-0.006	91	9584	5.00	4.73	
49 2,4,5-Trichlorophenol	196	6.916	6.922	-0.006	95	10042	5.00	4.68	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	34562	5.00	4.58	
51 1,1'-Biphenyl	154	7.069	7.075	-0.006	94	40468	5.00	4.87	
52 2-Chloronaphthalene	162	7.087	7.092	-0.005	98	30754	5.00	4.83	
53 Phenyl ether	170	7.169	7.175	-0.006	90	20332	5.00	4.83	
54 2-Nitroaniline	65	7.181	7.187	-0.006	97	10254	5.00	4.76	
55 1,3-Dimethylnaphthalene	156	7.304	7.310	-0.006	92	25705	5.00	4.97	
58 Dimethyl phthalate	163	7.363	7.369	-0.006	99	29098	5.00	4.73	
59 Coumarin	146	7.387	7.398	-0.012	78	9504	5.00	4.90	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	93	6961	5.00	4.92	
61 Acenaphthylene	152	7.504	7.504	0.000	98	44960	5.00	4.78	
62 3-Nitroaniline	138	7.586	7.598	-0.012	95	6623	5.00	4.52	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	185975	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.657	7.663	-0.006	97	25549	5.00	4.61	
65 Acenaphthene	154	7.675	7.681	-0.006	94	29310	5.00	4.64	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	37	4354	10.0	8.24	M
67 4-Nitrophenol	65	7.745	7.757	-0.012	88	7703	10.0	7.68	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	91	7776	5.00	4.49	
69 Dibenzofuran	168	7.845	7.851	-0.006	96	40178	5.00	4.81	
70 2,3,4,6-Tetrachlorophenol	232	7.969	7.969	0.000	91	6594	5.00	4.22	
71 Diethyl phthalate	149	8.063	8.069	-0.006	98	27601	5.00	4.65	
74 Fluorene	166	8.186	8.187	-0.001	94	31199	5.00	4.71	
73 4-Chlorophenyl phenyl ethe	204	8.181	8.187	-0.006	87	14166	5.00	4.68	
75 4-Nitroaniline	138	8.192	8.198	-0.006	90	5534	5.00	4.02	
76 4,6-Dinitro-2-methylphenol	198	8.222	8.234	-0.012	82	6913	10.0	9.04	
77 N-Nitrosodiphenylamine	169	8.292	8.298	-0.006	68	41909	10.0	9.80	
78 1,2-Diphenylhydrazine	77	8.334	8.339	-0.005	99	27223	5.00	4.85	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	95	4252	5.00	4.34	
80 4-Bromophenyl phenyl ether	248	8.663	8.669	-0.006	87	8068	5.00	4.81	
81 Hexachlorobenzene	284	8.739	8.739	0.000	97	8947	5.00	4.74	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	9040	10.0	8.58	
84 Pentachloronitrobenzene	237	8.939	8.945	-0.006	86	3447	5.00	4.66	
72 n-Octadecane	57	8.998	8.998	0.000	96	19917	5.00	4.60	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	278273	40.0	40.0	
86 Phenanthrene	178	9.133	9.139	-0.006	97	39218	5.00	4.86	
87 Anthracene	178	9.186	9.186	0.000	99	38998	5.00	4.78	
88 Carbazole	167	9.339	9.339	0.000	96	31431	5.00	4.59	
89 Di-n-butyl phthalate	149	9.675	9.675	0.000	99	36019	5.00	4.43	
90 Fluoranthene	202	10.310	10.316	-0.006	98	33600	5.00	4.43	
91 Benzidine	184	10.433	10.439	-0.006	99	16716	5.00	3.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Pyrene	202	10.545	10.551	-0.006	97	33840	5.00	5.40	
93 Bisphenol-A	213	10.575	10.580	-0.005	99	11968	5.00	4.80	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	99	21095	5.00	5.01	
95 Butyl benzyl phthalate	149	11.245	11.245	0.000	98	12319	5.00	4.80	
97 Carbamazepine	193	11.374	11.380	-0.006	90	10376	5.00	5.20	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	99	9490	5.00	4.63	
99 Benzo[a]anthracene	228	11.933	11.939	-0.006	98	25026	5.00	4.60	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	182517	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.969	11.969	0.000	87	16864	5.00	4.73	
101 Chrysene	228	11.980	11.986	-0.006	99	24449	5.00	4.95	
103 Di-n-octyl phthalate	149	12.857	12.857	0.000	97	25349	5.00	4.53	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	24028	5.00	4.79	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	24326	5.00	4.74	
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	97	23959	5.00	4.85	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	185139	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	98	26022	5.00	4.77	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	26285	5.00	4.88	
110 Benzo[g,h,i]perylene	276	15.804	15.827	-0.023	96	28027	5.00	4.94	
S 117 Total Cresols	1				0			10.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L3_00011 Amount Added: 1.00 Units: mL

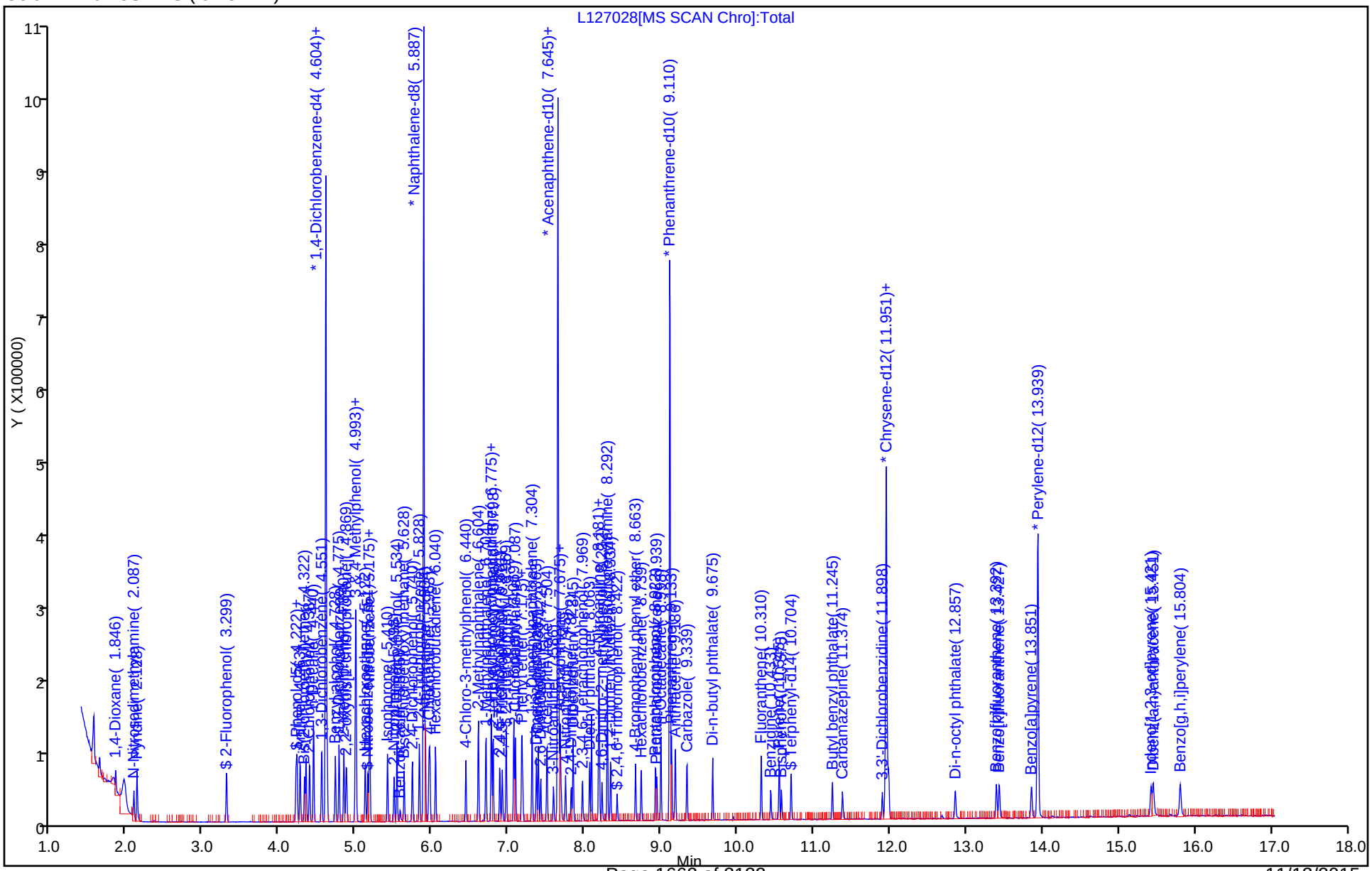
Report Date: 19-Oct-2015 21:04:58 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127028.D

Injection Date:	19-Oct-2015 16:29:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127029.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Oct-2015 16:54:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-008
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:03 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:50:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.304	3.304	0.000	91	7119	2.00	1.68	
$ 6 Phenol-d5	99	4.210	4.228	-0.018	85	9434	2.00	1.88	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	97	8190	2.00	2.05	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	141160	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	89	5660	2.00	2.07	
25 Hexachloroethane	117	5.122	5.122	0.000	92	4218	2.00	1.97	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	94	8056	2.00	1.77	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	11950	2.00	1.97	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	93	12671	2.00	2.00	
29 Isophorone	82	5.410	5.422	-0.012	97	13988	2.00	2.04	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	95	8087	2.00	1.94	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	497399	40.0	40.0	
39 Hexachlorobutadiene	225	6.039	6.045	-0.006	92	4797	2.00	1.96	
48 2,4,6-Trichlorophenol	196	6.886	6.887	-0.001	88	4636	2.00	1.93	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	96	15699	2.00	1.75	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	93	3231	2.00	1.93	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	220384	40.0	40.0	
66 2,4-Dinitrophenol	184	7.692	7.698	-0.006	1	1133	4.00	4.00	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	73	3831	2.00	1.99	
76 4,6-Dinitro-2-methylphenol	198	8.228	8.234	-0.006	81	2369	4.00	4.17	
77 N-Nitrosodiphenylamine	169	8.292	8.298	-0.006	69	19839	4.00	3.83	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	92	1961	2.00	1.95	
81 Hexachlorobenzene	284	8.739	8.739	0.000	96	4333	2.00	1.90	
83 Pentachlorophenol	266	8.928	8.928	0.000	92	3814	4.00	2.99	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	336475	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	98	10090	2.00	1.94	
98 3,3'-Dichlorobenzidine	252	11.898	11.904	-0.006	98	3902	2.00	1.54	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	97	13098	2.00	1.95	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	225429	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	11510	2.00	1.95	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	99	11533	2.00	1.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
106 Benzo[a]pyrene	252	13.857	13.863	-0.006	95	10956	2.00	1.88	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	217773	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	98	12604	2.00	1.96	M
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	12205	2.00	1.93	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L0_00007 Amount Added: 1.00 Units: mL

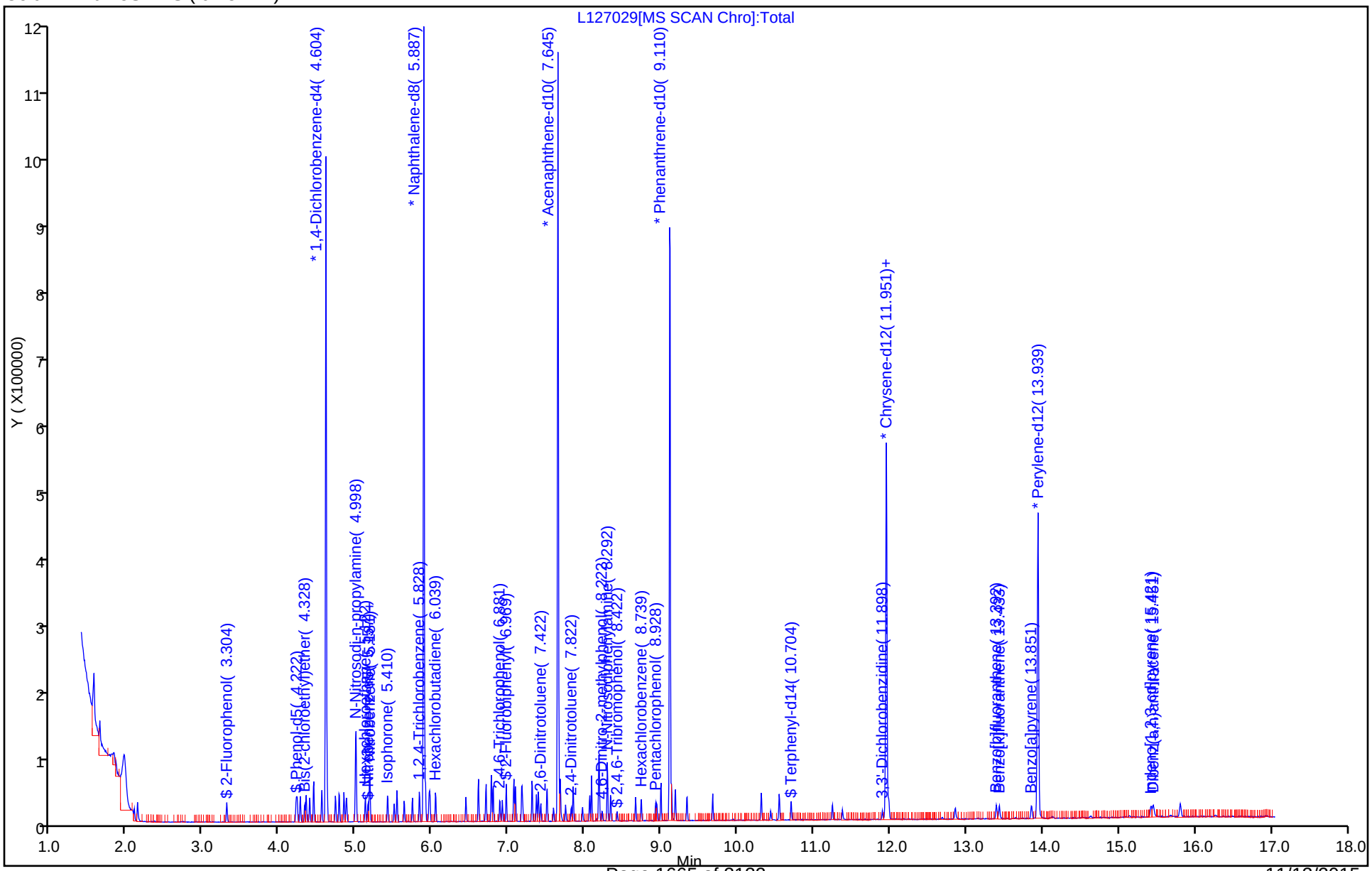
Report Date: 19-Oct-2015 21:05:04 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127029.D

Injection Date:	19-Oct-2015 16:54:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127030.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 19-Oct-2015 17:20:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-009
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:08 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 17:51:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.305	3.304	0.000	91	4253	1.00	0.99	
$ 6 Phenol-d5	99	4.216	4.228	-0.012	85	5095	1.00	1.00	
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	95	4101	1.00	1.02	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	142369	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.999	5.010	-0.012	92	2642	1.00	0.9598	
25 Hexachloroethane	117	5.122	5.122	0.000	94	2315	1.00	1.07	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	91	4465	1.00	1.00	
27 Nitrobenzene	77	5.175	5.181	-0.006	88	5899	1.00	0.99	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	90	6093	1.00	0.9523	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	93	3995	1.00	0.9784	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	487980	40.0	40.0	
39 Hexachlorobutadiene	225	6.040	6.045	-0.005	93	2143	1.00	0.8929	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	97	8174	1.00	1.00	
60 2,6-Dinitrotoluene	165	7.422	7.428	-0.006	85	1279	1.00	0.8326	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	201746	40.0	40.0	
68 2,4-Dinitrotoluene	165	7.822	7.828	-0.006	35	1573	1.00	1.01	
$ 79 2,4,6-Tribromophenol	330	8.422	8.428	-0.006	89	717	1.00	1.03	
81 Hexachlorobenzene	284	8.739	8.739	0.000	94	1831	1.00	0.9352	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	98	288928	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	98	4448	1.00	1.00	
99 Benzo[a]anthracene	228	11.939	11.939	0.000	96	5930	1.00	1.03	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	100	192947	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	98	4775	1.00	0.9510	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	97	5089	1.00	0.99	
106 Benzo[a]pyrene	252	13.851	13.863	-0.012	96	4700	1.00	0.9504	
* 107 Perylene-d12	264	13.939	13.939	0.000	99	185266	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	96	5202	1.00	0.9530	
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	94	5019	1.00	0.9311	

Reagents:

SV_IC_BNA_L2_00009 Amount Added: 1.00 Units: mL

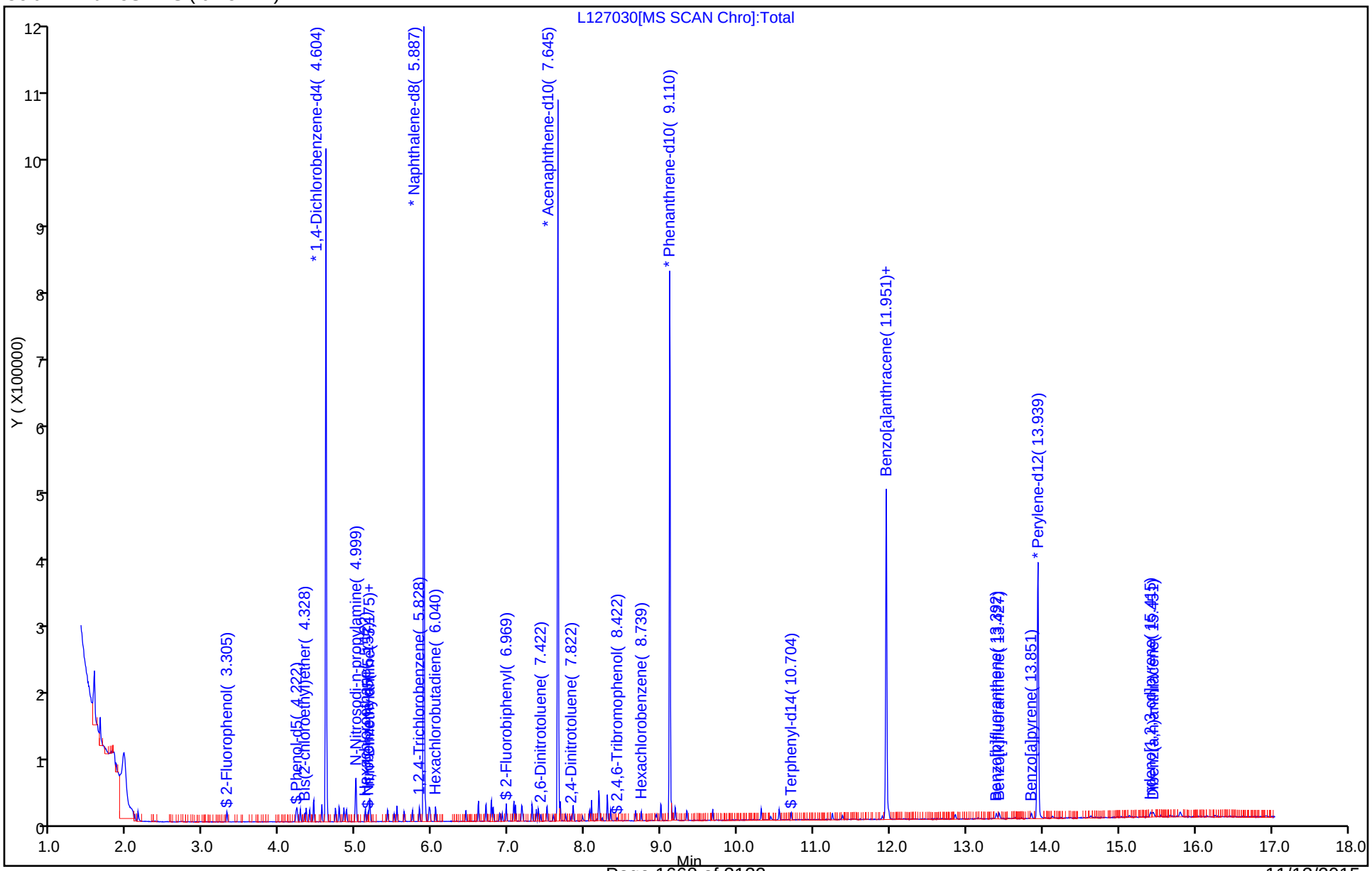
Report Date: 19-Oct-2015 21:05:09 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127030.D

Injection Date:	19-Oct-2015 17:20:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	std1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127031.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 19-Oct-2015 17:45:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-010
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:11 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:26:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.328	4.334	-0.006	94	2288	0.5000	0.5224	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	154988	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.998	5.010	-0.012	80	1527	0.5000	0.5095	
25 Hexachloroethane	117	5.122	5.122	0.000	90	1210	0.5000	0.5147	
$ 26 Nitrobenzene-d5	82	5.157	5.163	-0.006	90	2327	0.5000	0.4968	
27 Nitrobenzene	77	5.175	5.181	-0.006	87	3064	0.5000	0.4893	
28 n,n'-Dimethylaniline	120	5.181	5.187	-0.006	91	3446	0.5000	0.4948	
35 1,2,4-Trichlorobenzene	180	5.828	5.834	-0.006	90	2150	0.5000	0.5006	
* 36 Naphthalene-d8	136	5.887	5.893	-0.006	100	513281	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.969	6.975	-0.006	98	4239	0.5000	0.5113	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	204236	40.0	40.0	
81 Hexachlorobenzene	284	8.739	8.739	0.000	88	1037	0.5000	0.5417	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	282514	40.0	40.0	
$ 94 Terphenyl-d14	244	10.704	10.704	0.000	96	2029	0.5000	0.4850	
99 Benzo[a]anthracene	228	11.933	11.939	-0.006	96	3105	0.5000	0.5738	
* 100 Chrysene-d12	240	11.951	11.957	-0.006	99	181455	40.0	40.0	
104 Benzo[b]fluoranthene	252	13.392	13.404	-0.012	34	2221	0.5000	0.4522	
105 Benzo[k]fluoranthene	252	13.433	13.439	-0.006	94	2419	0.5000	0.4817	
106 Benzo[a]pyrene	252	13.851	13.863	-0.012	91	2178	0.5000	0.4503	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	181215	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	15.421	15.439	-0.018	94	2185	0.5000	0.4092	
109 Dibenz(a,h)anthracene	278	15.451	15.462	-0.011	93	2544	0.5000	0.4825	

Reagents:

SV_IC_BNA_L1_00010 Amount Added: 1.00 Units: mL

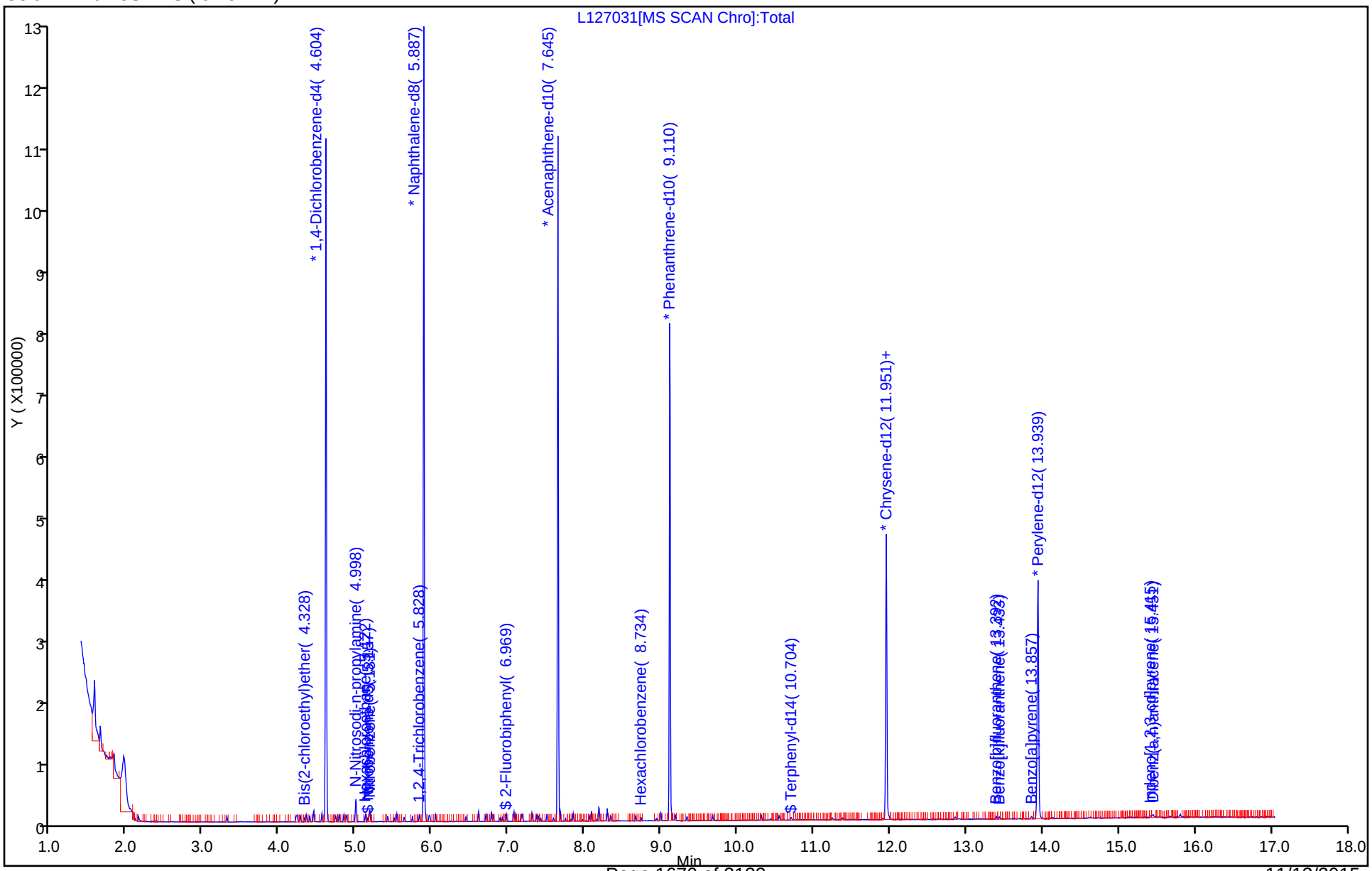
Report Date: 19-Oct-2015 21:05:13 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127031.D

Injection Date:	19-Oct-2015 17:45:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 18:10 Calibration End Date: 10/19/2015 20:41 Calibration ID: 52867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-329806/17	L127038.D
Level 2	STD5 460-329806/16	L127037.D
Level 3	STD010 460-329806/15	L127036.D
Level 4	STD020 460-329806/14	L127035.D
Level 5	STD50 460-329806/11	L127032.D
Level 6	STD080 460-329806/13	L127034.D
Level 7	STD120 460-329806/12	L127033.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								
Benzaldehyde	0.9951	1.0042 1.0301	0.9665	1.0523	1.0148	Ave		1.0105			0.0100	2.9		20.0			
Caprolactam	0.0705	0.0499 0.0725	0.0604	0.0709	0.0725	Ave		0.0661			0.0100	13.8		20.0			
Atrazine	0.1859 0.1959	0.1816 0.2057	0.1881	0.2052	0.2058	Ave		0.1954			0.0100	5.3		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 329806

SDG No.:

Instrument ID: CBNAMS12 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/19/2015 18:10 Calibration End Date: 10/19/2015 20:41 Calibration ID: 52867

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD2 460-329806/17	L127038.D
Level 2	STD5 460-329806/16	L127037.D
Level 3	STD010 460-329806/15	L127036.D
Level 4	STD020 460-329806/14	L127035.D
Level 5	STD50 460-329806/11	L127032.D
Level 6	STD080 460-329806/13	L127034.D
Level 7	STD120 460-329806/12	L127033.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	281255	18992 416140	31075	78051	162305	80.0	5.00 120	10.0	20.0	50.0
Caprolactam	NPT	Ave	69944	3261 100782	6698	17953	40543	80.0	5.00 120	10.0	20.0	50.0
Atrazine	PHN	Ave	2966 129434	6965 184598	13872	34003	84168	2.00 80.0	5.00 120	10.0	20.0	50.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127032.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 19-Oct-2015 18:10:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-011
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:16 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:26:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	87	162305	50.0	50.2	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	127956	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	447074	40.0	40.0	
40 Caprolactam	113	6.275	6.275	0.000	85	40543	50.0	54.9	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	194537	40.0	40.0	
82 Atrazine	200	8.822	8.822	0.000	90	84168	50.0	52.6	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	327230	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	258259	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	263169	40.0	40.0	

Reagents:

SV_IC-S_L6_00013 Amount Added: 1.00 Units: mL

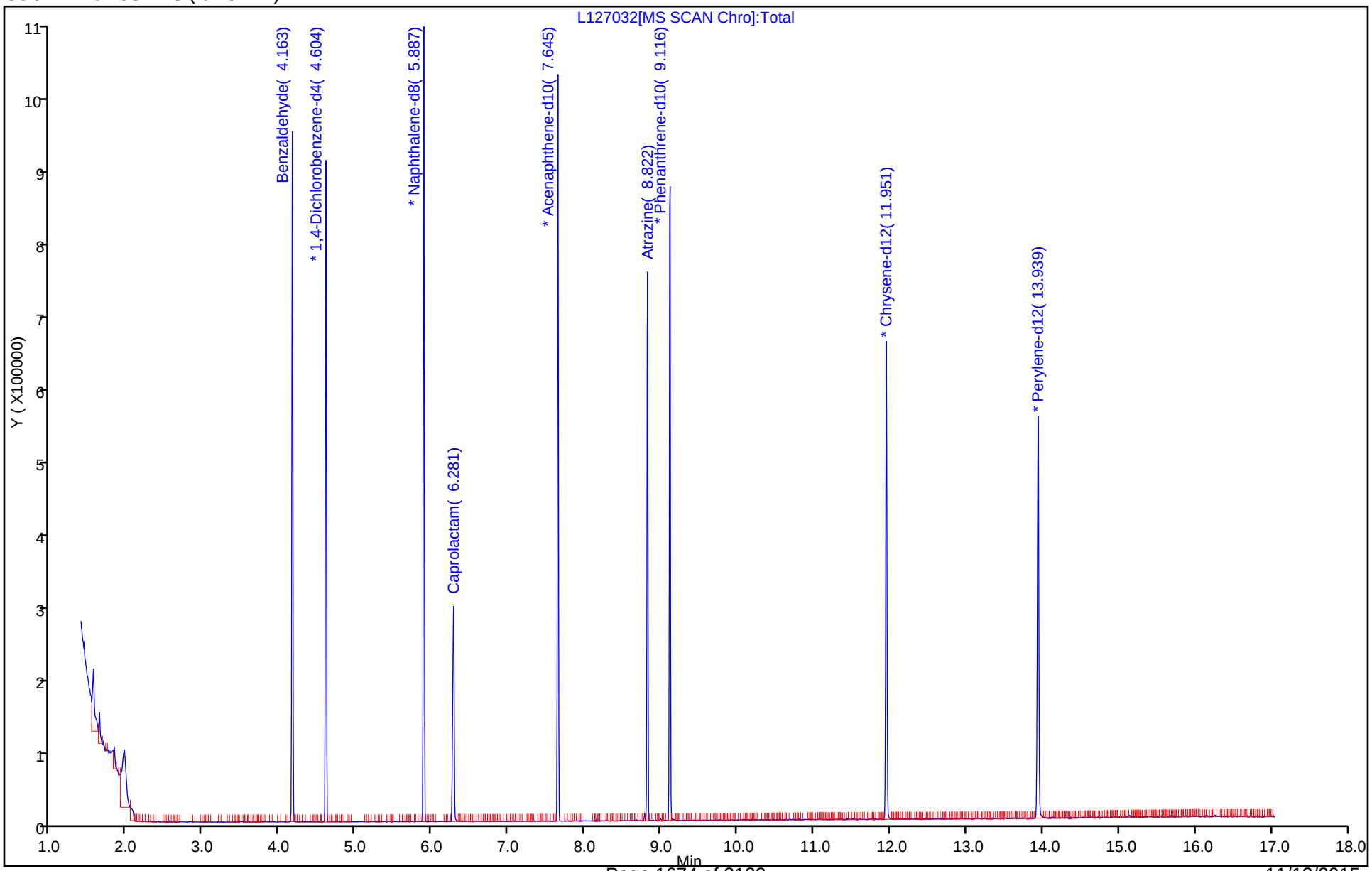
Report Date: 19-Oct-2015 21:05:17 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127032.D

Injection Date:	19-Oct-2015 18:10:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD50			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127033.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 19-Oct-2015 18:35:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-012
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:20 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	87	416140	120.0	122.3	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.604	-0.006	97	134664	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	463353	40.0	40.0	
40 Caprolactam	113	6.298	6.275	0.023	86	100782	120.0	131.6	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	194238	40.0	40.0	
82 Atrazine	200	8.828	8.822	0.006	90	184598	120.0	126.3	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	299153	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	203304	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	188726	40.0	40.0	

Reagents:

SV_IC-S_L8_00004 Amount Added: 1.00 Units: mL

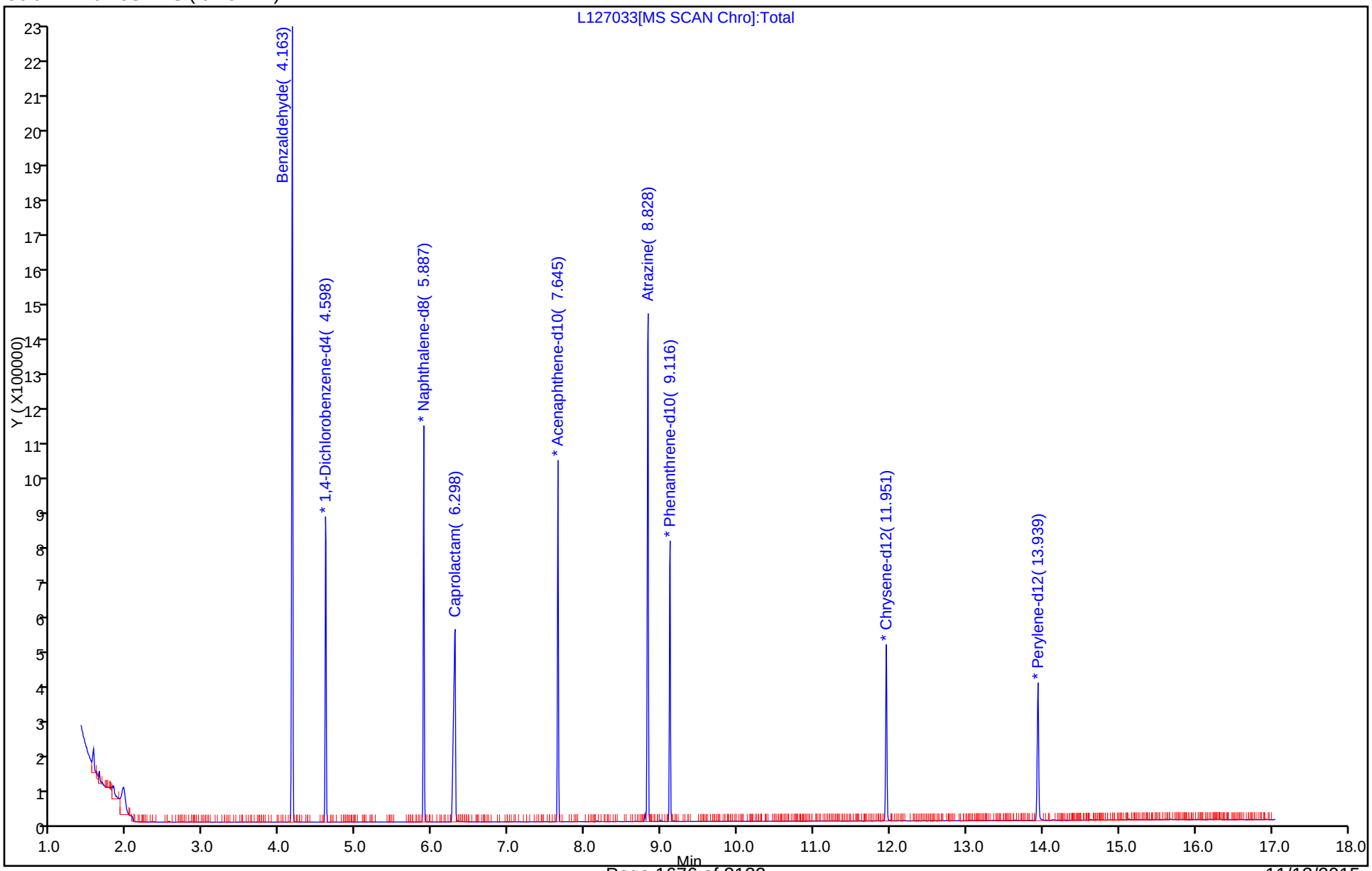
Report Date: 19-Oct-2015 21:05:22 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127033.D

Injection Date:	19-Oct-2015 18:35:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD120			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127034.D
Lims ID: STD080
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 19-Oct-2015 19:00:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-013
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:27 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.169	4.163	0.006	86	281255	80.0	78.8	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	141325	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	496384	40.0	40.0	
40 Caprolactam	113	6.287	6.275	0.012	86	69944	80.0	85.2	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	217580	40.0	40.0	
82 Atrazine	200	8.822	8.822	0.000	87	129434	80.0	80.2	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	330428	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	210942	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	211585	40.0	40.0	

Reagents:

SV_IC-S_L7_00004 Amount Added: 1.00 Units: mL

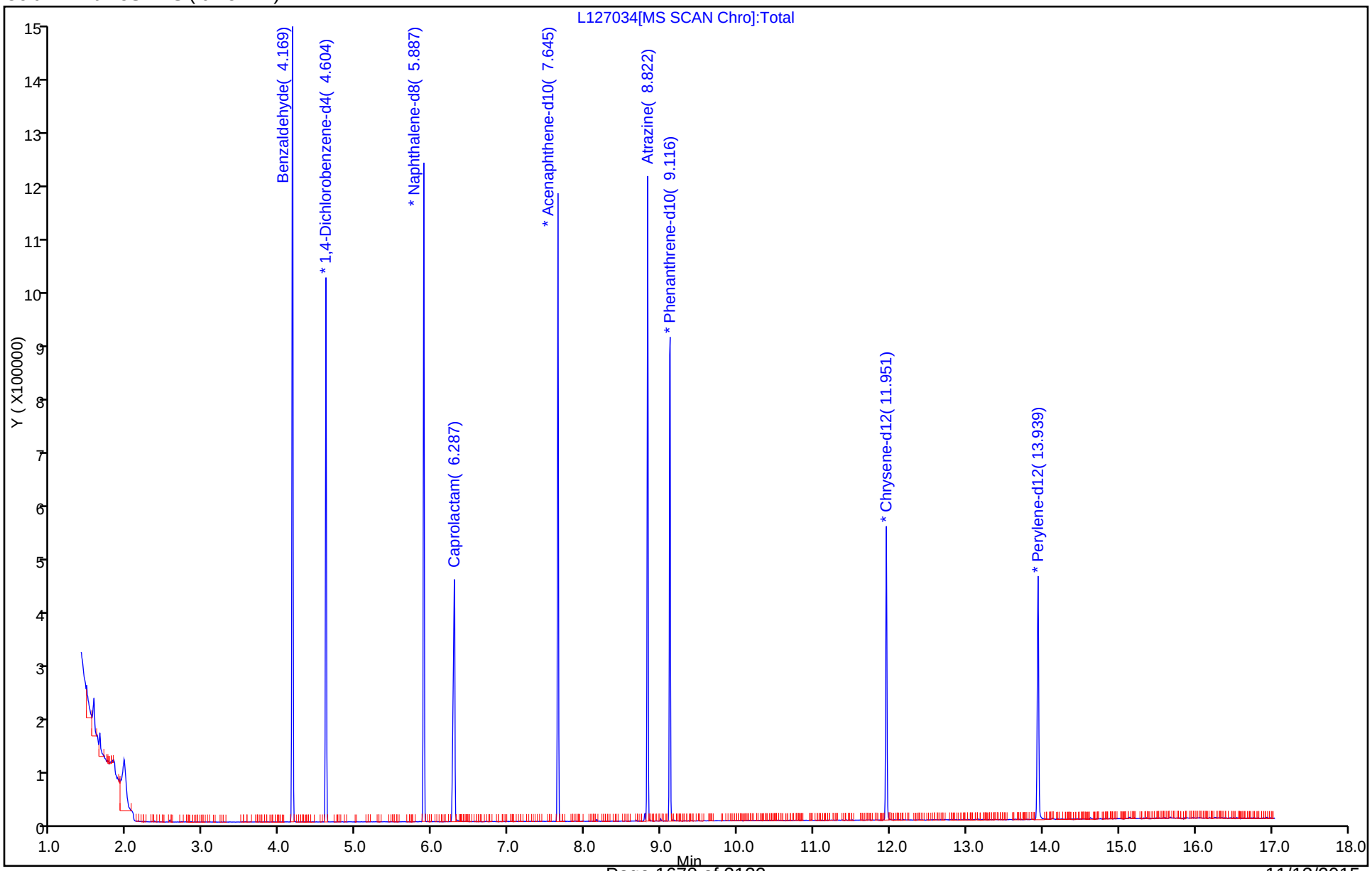
Report Date: 19-Oct-2015 21:05:29 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127034.D

Injection Date:	19-Oct-2015 19:00:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD080			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127035.D
Lims ID: STD020
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 19-Oct-2015 19:25:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-014
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:31 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:27:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.157	4.163	-0.006	87	78051	20.0	20.8	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	148339	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	506238	40.0	40.0	
40 Caprolactam	113	6.269	6.275	-0.006	86	17953	20.0	21.5	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	213919	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	87	34003	20.0	21.0	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	331461	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	216521	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	206023	40.0	40.0	

Reagents:

SV_IC-S_L5_00007 Amount Added: 1.00 Units: mL

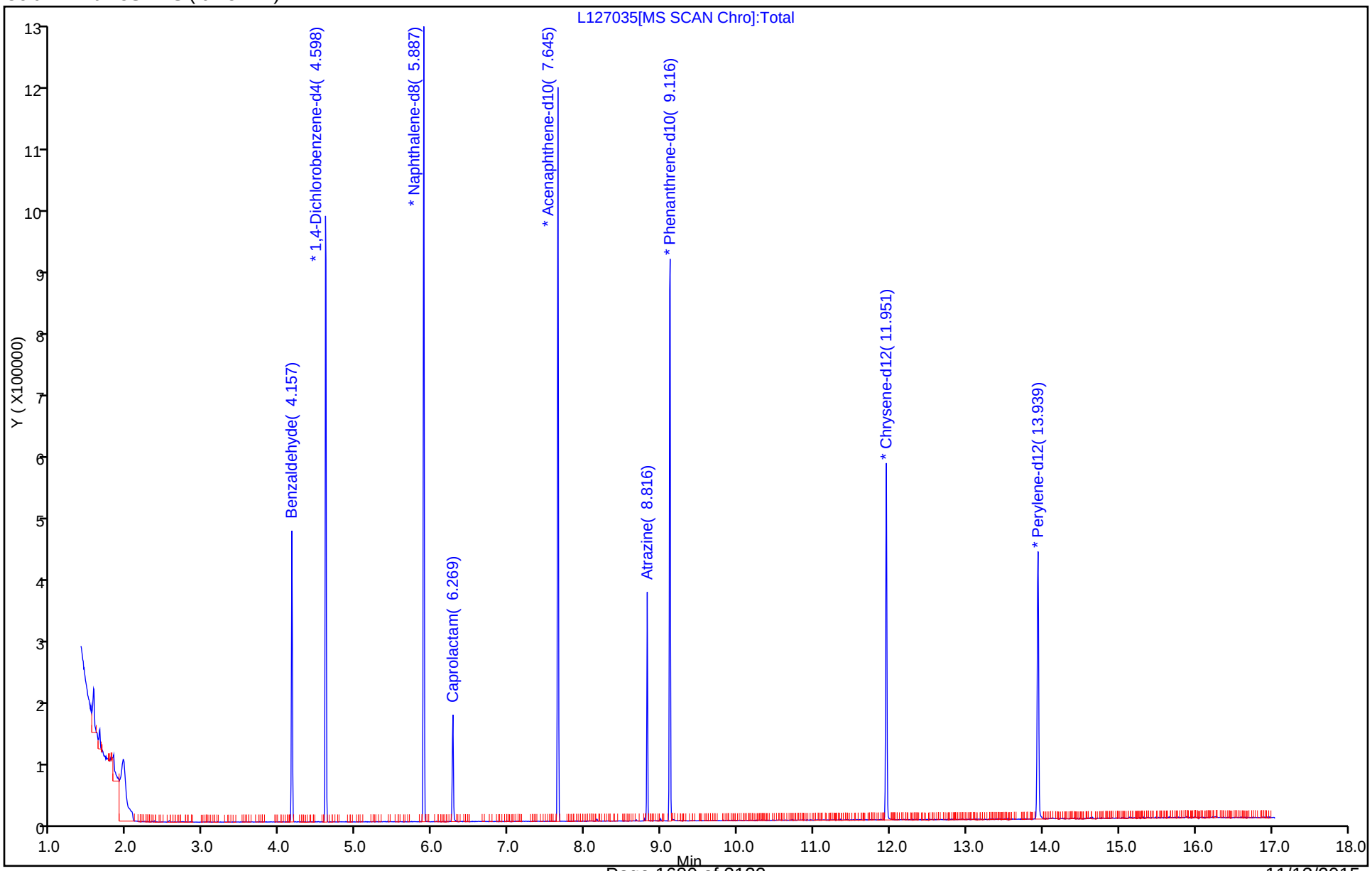
Report Date: 19-Oct-2015 21:05:32 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127035.D

Injection Date:	19-Oct-2015 19:25:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD020			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127036.D
Lims ID: STD010
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 19-Oct-2015 19:51:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-015
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:36 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 20:28:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.157	4.163	-0.006	85	31075	10.0	9.56	
* 13 1,4-Dichlorobenzene-d4	152	4.598	4.604	-0.006	97	128608	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	443824	40.0	40.0	
40 Caprolactam	113	6.263	6.275	-0.012	84	6698	10.0	9.13	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	192361	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	84	13872	10.0	9.62	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	295023	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	200575	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	197033	40.0	40.0	

Reagents:

SV_IC-S_L4_00019 Amount Added: 1.00 Units: mL

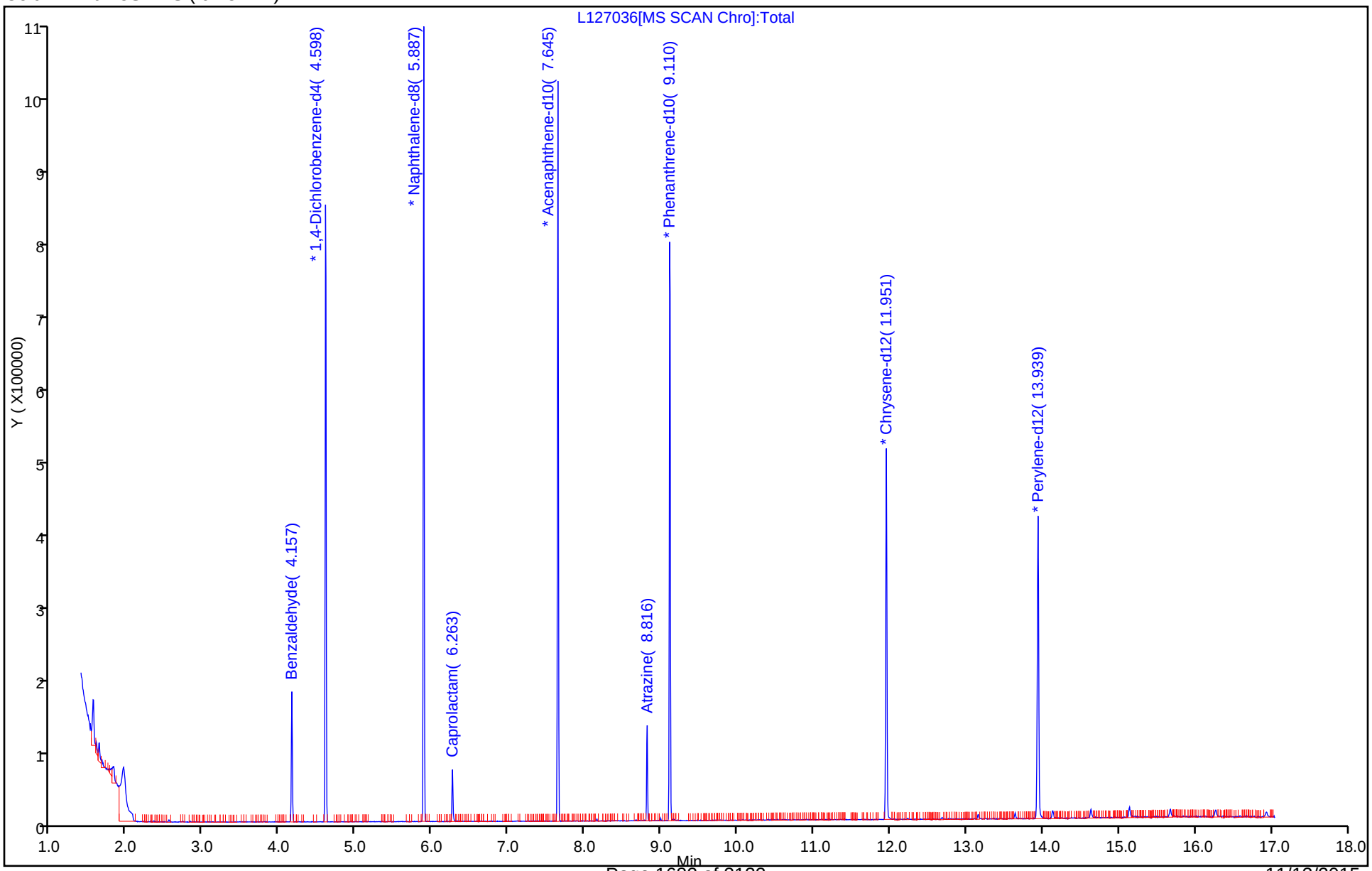
Report Date: 19-Oct-2015 21:05:37 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127036.D

Injection Date:	19-Oct-2015 19:51:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD010			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127037.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 19-Oct-2015 20:16:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-016
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:19:51 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 21:03:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	90	18992	5.00	4.97	
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	151297	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	-0.001	100	522387	40.0	40.0	
40 Caprolactam	113	6.263	6.275	-0.012	86	3261	5.00	3.78	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	97	218452	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	91	6965	5.00	4.65	
* 85 Phenanthrene-d10	188	9.116	9.116	0.000	98	306792	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	192825	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	192887	40.0	40.0	

Reagents:

SV_IC-S_L3_00008 Amount Added: 1.00 Units: mL

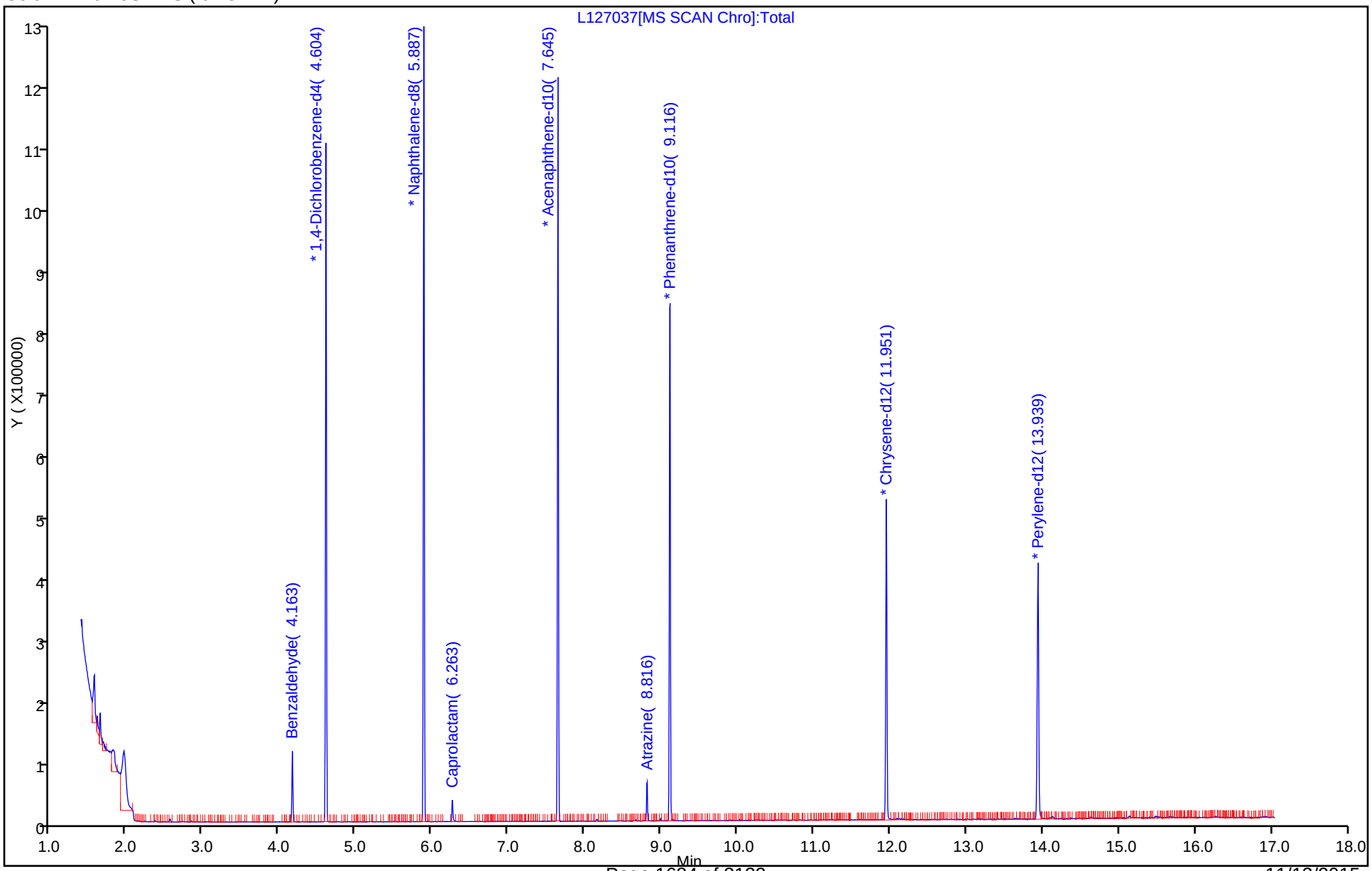
Report Date: 19-Oct-2015 21:19:53 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127037.D

Injection Date:	19-Oct-2015 20:16:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD5			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 19-Oct-2015 20:41:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-017
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:05:41 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: bayoumiw Date: 19-Oct-2015 21:03:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 13 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	97	150136	40.0	40.0	
* 36 Naphthalene-d8	136	5.887	5.887	0.000	100	515587	40.0	40.0	
* 63 Acenaphthene-d10	164	7.645	7.645	0.000	98	216662	40.0	40.0	
82 Atrazine	200	8.816	8.822	-0.006	91	2966	2.00	1.90	
* 85 Phenanthrene-d10	188	9.110	9.116	-0.006	99	319180	40.0	40.0	
* 100 Chrysene-d12	240	11.951	11.951	0.000	99	205541	40.0	40.0	
* 107 Perylene-d12	264	13.939	13.939	0.000	98	205000	40.0	40.0	

Reagents:

SV_IC-S_L2_00007 Amount Added: 1.00 Units: mL

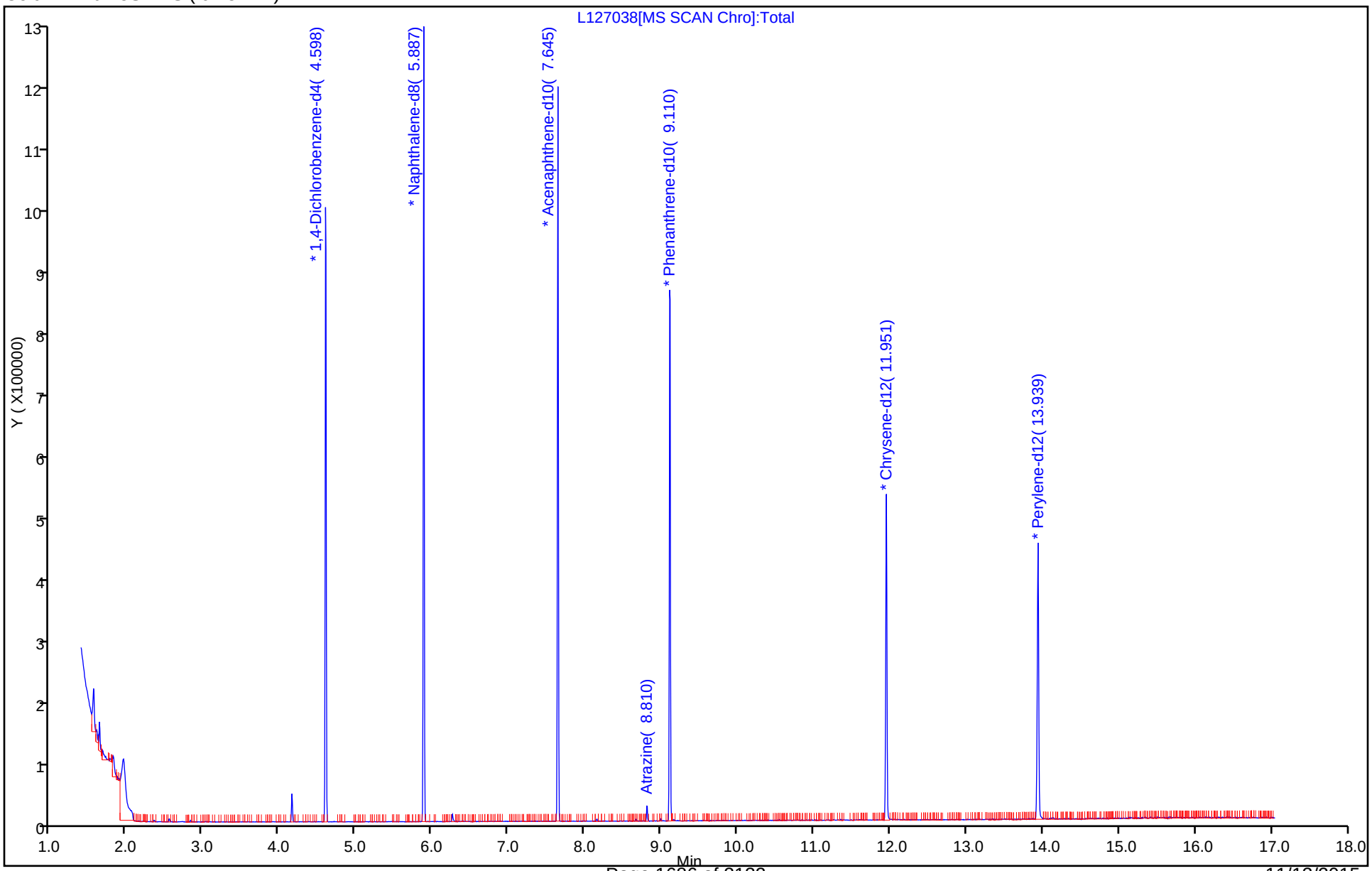
Report Date: 19-Oct-2015 21:05:43 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Injection Date:	19-Oct-2015 20:41:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	STD2			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332084

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 22:18 Calibration End Date: 10/30/2015 00:25 Calibration ID: 53010

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-332084/16	M965843.D
Level 2	STD1 460-332084/15	M965842.D
Level 3	STD2 460-332084/14	M965841.D
Level 4	STD4 460-332084/13	M965840.D
Level 5	STD10 460-332084/10	M965837.D
Level 6	STD16 460-332084/12	M965839.D
Level 7	STD24 460-332084/11	M965838.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								
Benzaldehyde	1.7074 1.1808	1.5051 1.0967	1.5680	1.5760	1.3873	Ave		1.4316			0.0100	15.6		20.0			
Caprolactam	0.1151 0.1506	0.1346 0.1548	0.1369	0.1568	0.1593	Ave		0.1440			0.0100	11.1		20.0			
Atrazine	0.2711 0.2458	0.2427 0.2302	0.2579	0.2790	0.2515	Ave		0.2540			0.0100	6.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 332084

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2015 22:18 Calibration End Date: 10/30/2015 00:25 Calibration ID: 53010

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 460-332084/16	M965843.D
Level 2	STD1 460-332084/15	M965842.D
Level 3	STD2 460-332084/14	M965841.D
Level 4	STD4 460-332084/13	M965840.D
Level 5	STD10 460-332084/10	M965837.D
Level 6	STD16 460-332084/12	M965839.D
Level 7	STD24 460-332084/11	M965838.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			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
Benzaldehyde	DCB	Ave	60642 3275845	273010 4680122	541699	1075774	2333212	0.200 16.0	1.00 24.0	2.00	4.00	10.0
Caprolactam	NPT	Ave	12902 1284660	75131 1992839	154664	337199	826899	0.200 16.0	1.00 24.0	2.00	4.00	10.0
Atrazine	PHN	Ave	30589 2145016	148968 3092873	293761	627634	1380888	0.200 16.0	1.00 24.0	2.00	4.00	10.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965837.D
Lims ID: std10
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Oct-2015 22:18:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-010
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:53 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 29-Oct-2015 23:28:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	84	2333212	10.0	9.69	
* 14 1,4-Dichlorobenzene-d4	152	4.604	4.604	0.000	96	1345487	8.00	8.00	
* 38 Naphthalene-d8	136	5.885	5.885	0.000	98	4153598	8.00	8.00	
42 Caprolactam	113	6.296	6.296	0.000	88	826899	10.0	11.1	
* 64 Acenaphthene-d10	164	7.648	7.648	0.000	90	2698292	8.00	8.00	
83 Atrazine	200	8.827	8.827	0.000	90	1380888	10.0	9.90	
* 87 Phenanthrene-d10	188	9.116	9.116	0.000	97	4392358	8.00	8.00	
* 102 Chrysene-d12	240	11.934	11.934	0.000	98	3258490	8.00	8.00	
* 109 Perylene-d12	264	13.912	13.912	0.000	99	2515953	8.00	8.00	

Reagents:

SM_BNAL5B_00015 Amount Added: 1.00 Units: mL

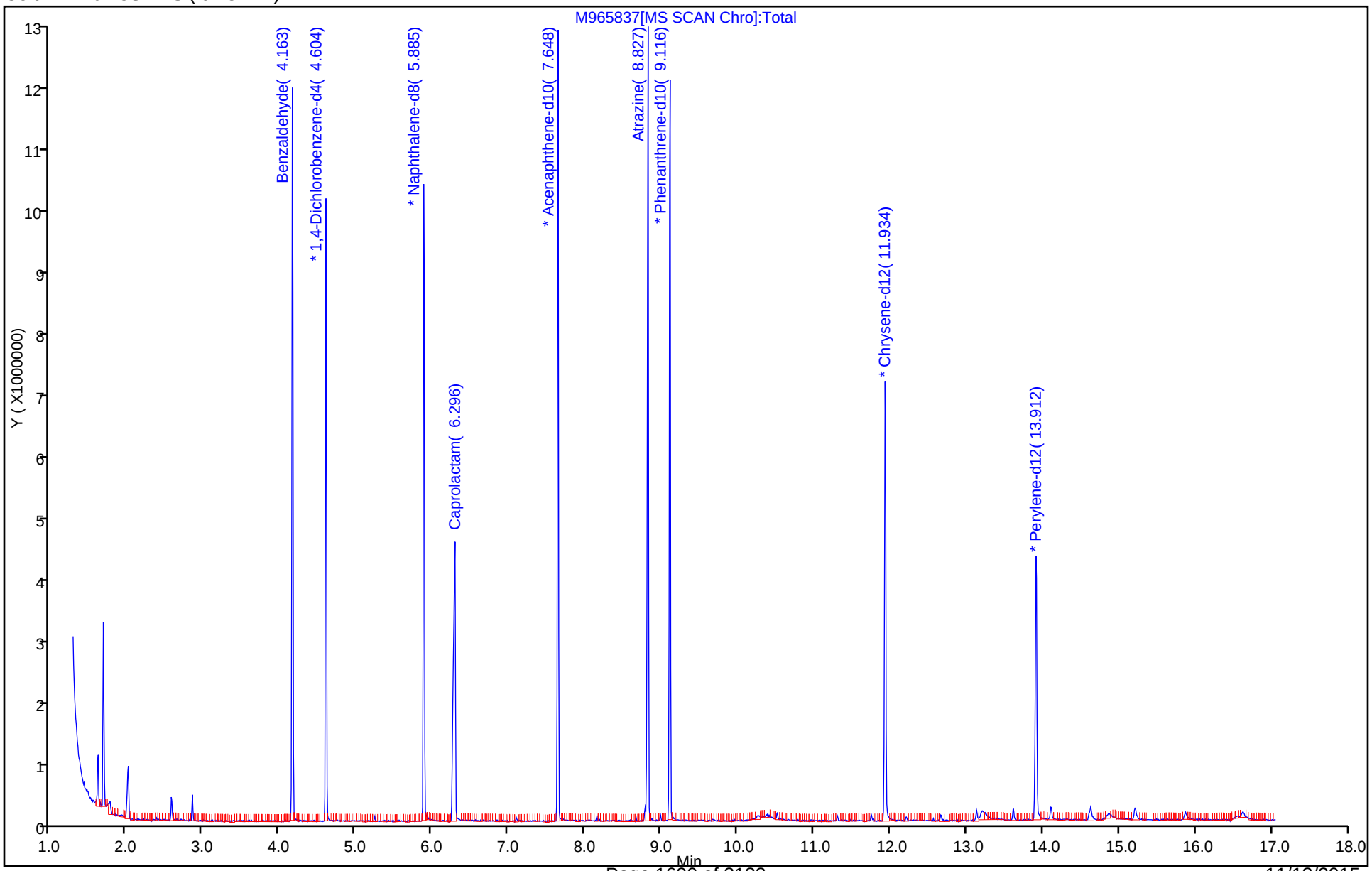
Report Date: 30-Oct-2015 02:59:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965837.D

Injection Date:	29-Oct-2015 22:18:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std10			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965838.D
Lims ID: std24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Oct-2015 22:39:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-011
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:50 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 29-Oct-2015 23:51:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.169	4.163	0.006	85	4680122	24.0	18.4	
* 14 1,4-Dichlorobenzene-d4	152	4.601	4.615	-0.014	96	1422517	8.00	8.00	
* 38 Naphthalene-d8	136	5.890	5.900	-0.010	99	4291531	8.00	8.00	
42 Caprolactam	113	6.327	6.296	0.031	86	1992839	24.0	25.8	
* 64 Acenaphthene-d10	164	7.644	7.652	-0.008	94	2625576	8.00	8.00	
83 Atrazine	200	8.839	8.827	0.012	92	3092873	24.0	21.8	
* 87 Phenanthrene-d10	188	9.110	9.118	-0.008	98	4478308	8.00	8.00	
* 102 Chrysene-d12	240	11.933	11.944	-0.011	98	3538919	8.00	8.00	
* 109 Perylene-d12	264	13.910	13.923	-0.013	99	2781332	8.00	8.00	

Reagents:

SM_BNAL7B_00003 Amount Added: 1.00 Units: mL

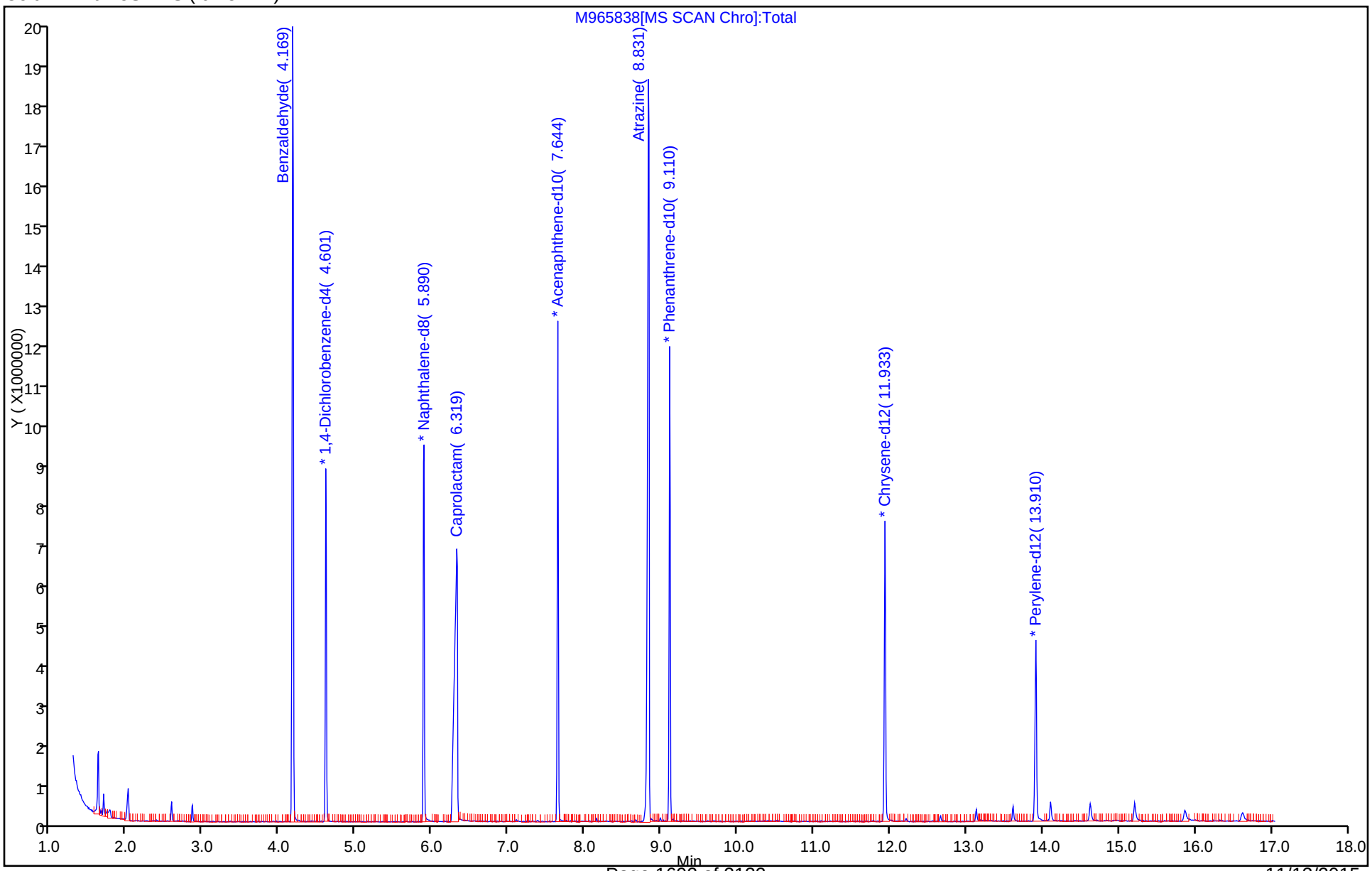
Report Date: 30-Oct-2015 02:59:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965838.D

Injection Date:	29-Oct-2015 22:39:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std24			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965839.D
Lims ID: std16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 29-Oct-2015 23:00:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-012
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:46 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 00:24:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.167	4.163	0.004	90	3275845	16.0	13.2	
* 14 1,4-Dichlorobenzene-d4	152	4.605	4.615	-0.010	97	1387132	8.00	8.00	
* 38 Naphthalene-d8	136	5.886	5.900	-0.014	99	4263808	8.00	8.00	
42 Caprolactam	113	6.309	6.296	0.013	88	1284660	16.0	16.7	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.008	94	2606835	8.00	8.00	
83 Atrazine	200	8.827	8.827	0.000	89	2145016	16.0	15.5	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4363522	8.00	8.00	
* 102 Chrysene-d12	240	11.935	11.944	-0.009	99	3435613	8.00	8.00	
* 109 Perylene-d12	264	13.914	13.923	-0.009	99	2818959	8.00	8.00	

Reagents:

SM_BNAL6B_00010 Amount Added: 1.00 Units: mL

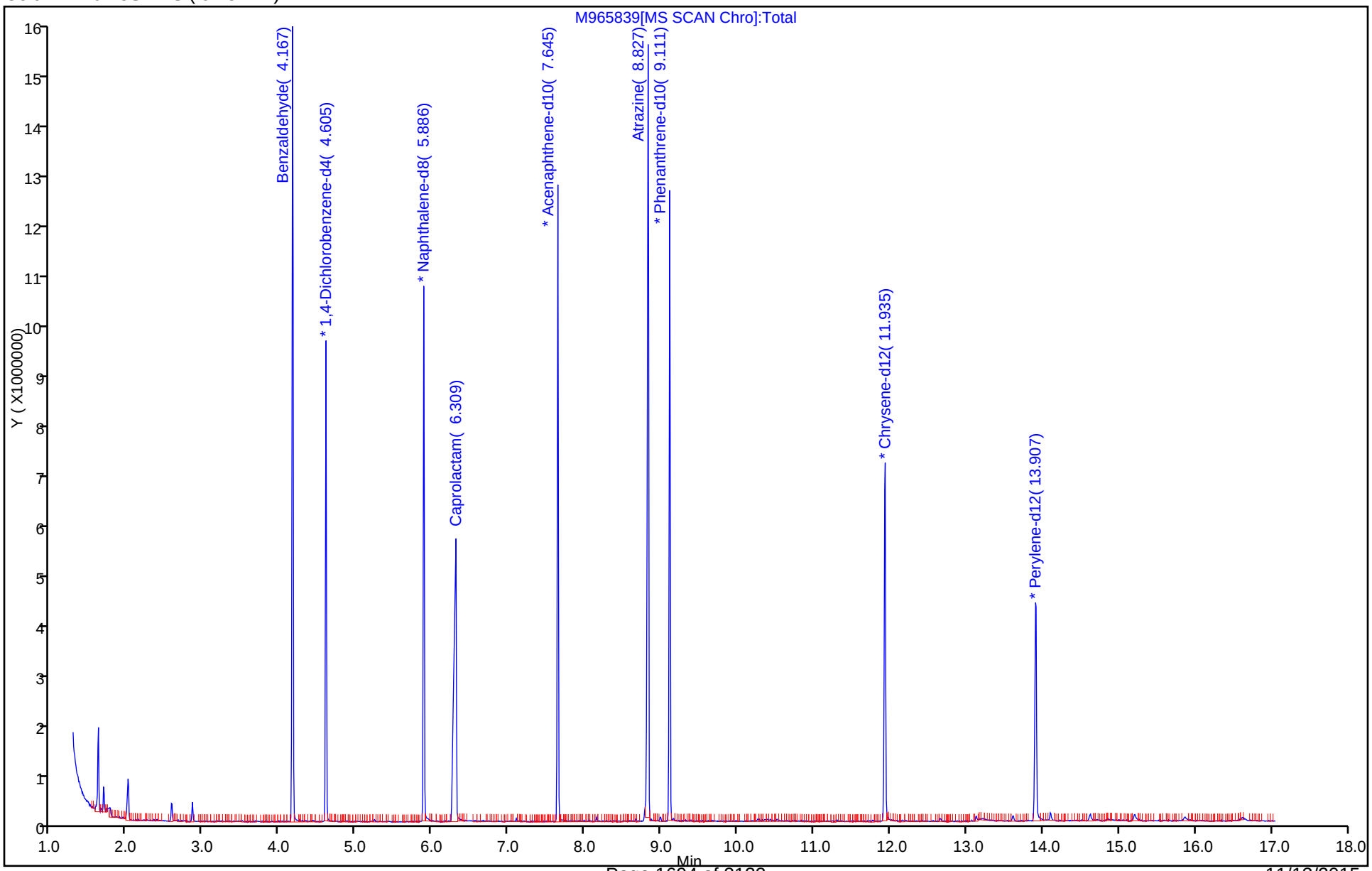
Report Date: 30-Oct-2015 02:59:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965839.D

Injection Date:	29-Oct-2015 23:00:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std16			Worklist Smp#:	12
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965840.D
Lims ID: std4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Oct-2015 23:21:30 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-013
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:43 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 00:35:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.166	4.163	0.003	89	1075774	4.00	4.40	
* 14 1,4-Dichlorobenzene-d4	152	4.607	4.615	-0.008	96	1365169	8.00	8.00	
* 38 Naphthalene-d8	136	5.890	5.900	-0.010	98	4301097	8.00	8.00	
42 Caprolactam	113	6.280	6.296	-0.016	88	337199	4.00	4.36	
* 64 Acenaphthene-d10	164	7.647	7.652	-0.005	94	2720003	8.00	8.00	
83 Atrazine	200	8.819	8.827	-0.008	90	627634	4.00	4.39	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4499276	8.00	8.00	
* 102 Chrysene-d12	240	11.930	11.944	-0.014	98	3521525	8.00	8.00	
* 109 Perylene-d12	264	13.911	13.923	-0.012	99	2760288	8.00	8.00	

Reagents:

SM_BNAL4B_00019 Amount Added: 1.00 Units: mL

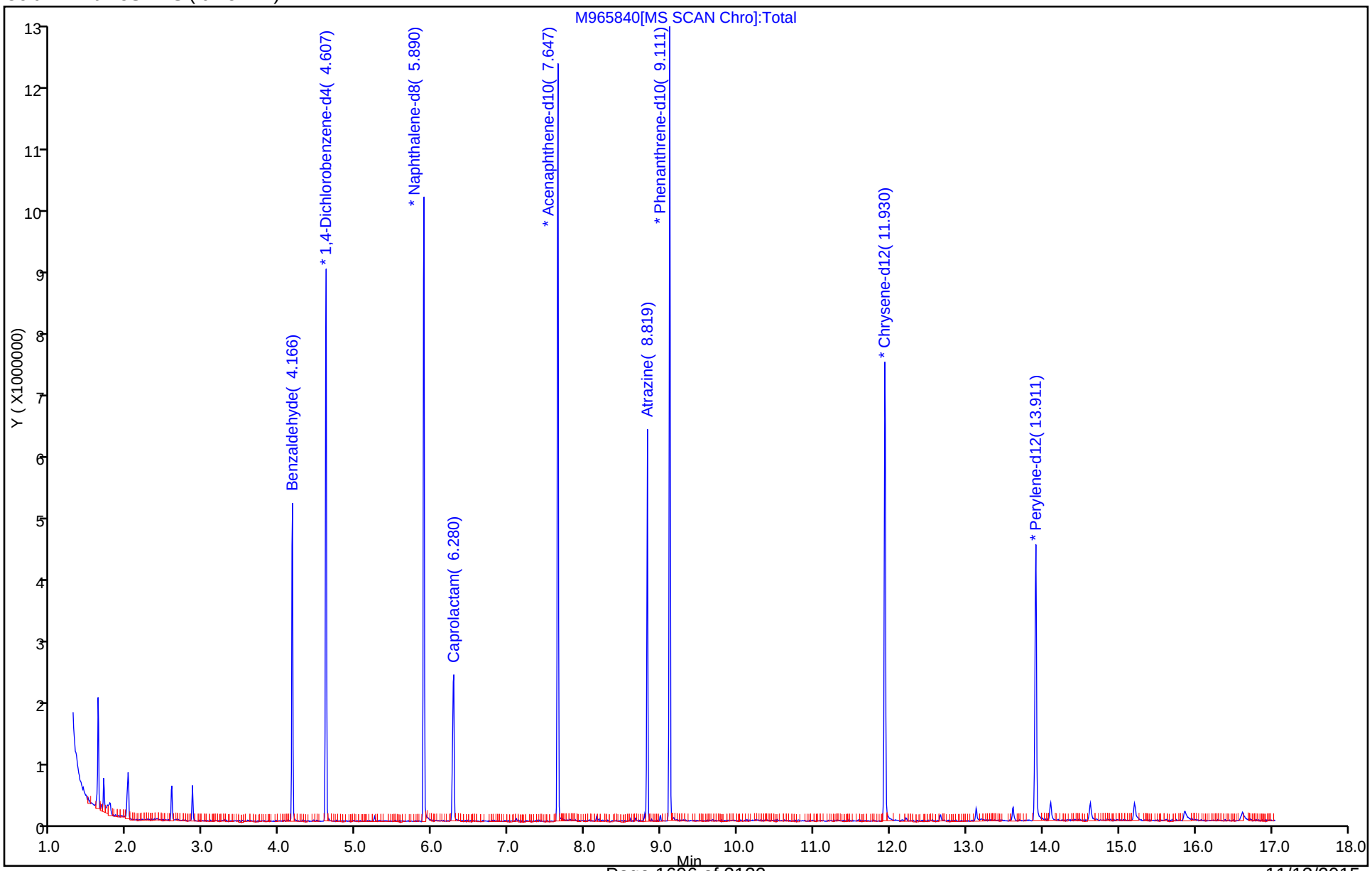
Report Date: 30-Oct-2015 02:59:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965840.D

Injection Date:	29-Oct-2015 23:21:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std4			Worklist Smp#:	13
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965841.D
Lims ID: std2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Oct-2015 23:43:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-014
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:40 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 30-Oct-2015 01:06:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.161	4.163	-0.002	90	541699	2.00	2.19	
* 14 1,4-Dichlorobenzene-d4	152	4.602	4.615	-0.013	97	1381844	8.00	8.00	
* 38 Naphthalene-d8	136	5.891	5.900	-0.009	99	4520628	8.00	8.00	
42 Caprolactam	113	6.271	6.296	-0.025	87	154664	2.00	1.90	
* 64 Acenaphthene-d10	164	7.644	7.652	-0.008	95	2693031	8.00	8.00	
83 Atrazine	200	8.817	8.827	-0.010	91	293761	2.00	2.03	
* 87 Phenanthrene-d10	188	9.108	9.118	-0.010	98	4555835	8.00	8.00	
* 102 Chrysene-d12	240	11.933	11.944	-0.011	98	3504043	8.00	8.00	
* 109 Perylene-d12	264	13.909	13.923	-0.014	99	2692320	8.00	8.00	

Reagents:

SM_BNAL3B_00010 Amount Added: 1.00 Units: mL

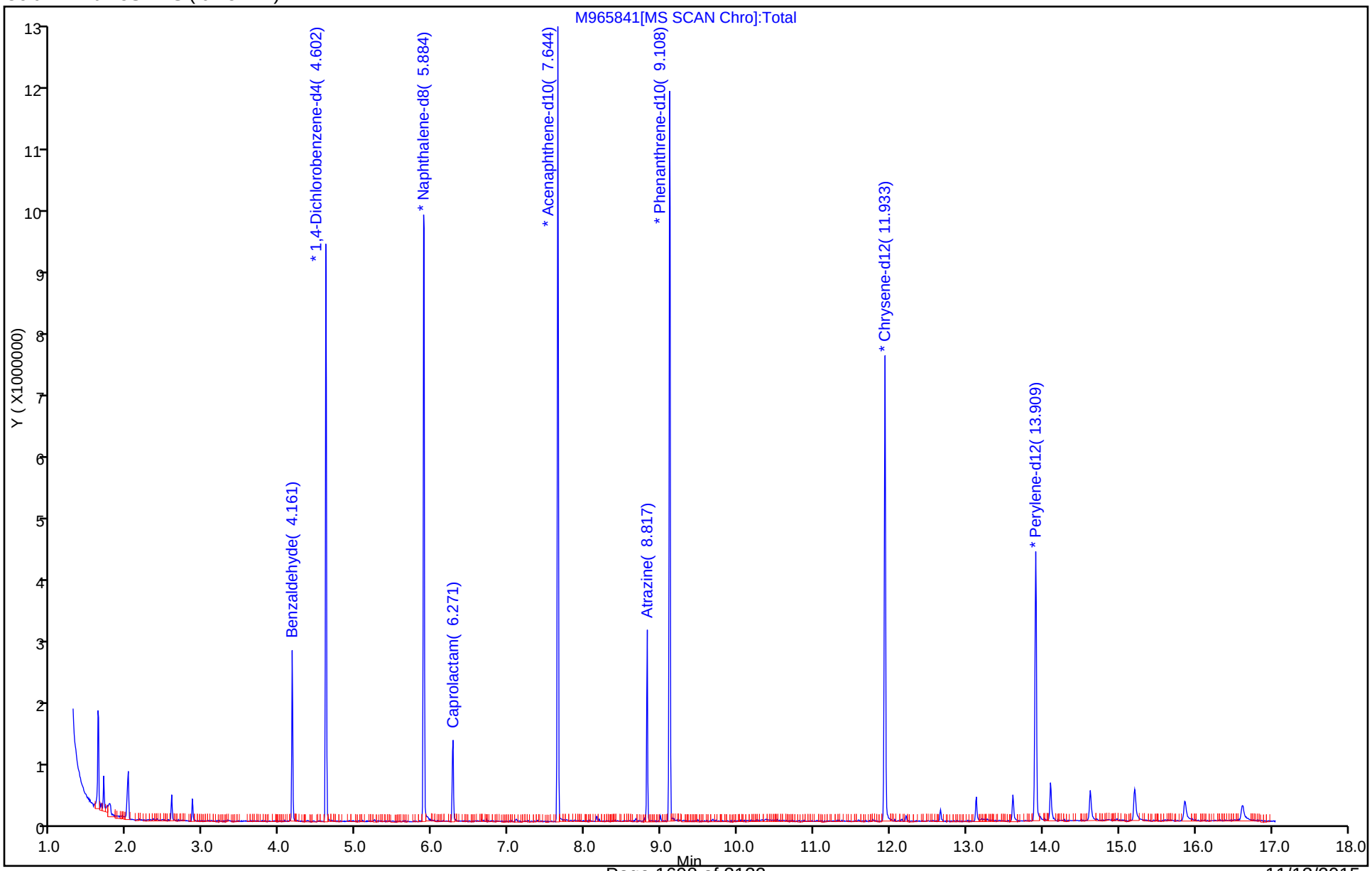
Report Date: 30-Oct-2015 02:59:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965841.D

Injection Date:	29-Oct-2015 23:43:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std2			Worklist Smp#:	14
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965842.D
Lims ID: std1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Oct-2015 00:04:30 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-015
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:36 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: asfawa Date: 30-Oct-2015 01:16:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.166	4.163	0.003	89	273010	1.00	1.05	
* 14 1,4-Dichlorobenzene-d4	152	4.606	4.615	-0.009	96	1451120	8.00	8.00	
* 38 Naphthalene-d8	136	5.887	5.900	-0.013	98	4465859	8.00	8.00	
42 Caprolactam	113	6.267	6.296	-0.029	90	75131	1.00	0.9346	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.007	95	2686244	8.00	8.00	
83 Atrazine	200	8.818	8.827	-0.009	90	148968	1.00	0.9553	
* 87 Phenanthrene-d10	188	9.111	9.118	-0.007	98	4911004	8.00	8.00	
* 102 Chrysene-d12	240	11.934	11.944	-0.010	98	3619730	8.00	8.00	
* 109 Perylene-d12	264	13.910	13.923	-0.013	99	2818256	8.00	8.00	

Reagents:

SM_BNAL2B_00012 Amount Added: 1.00 Units: mL

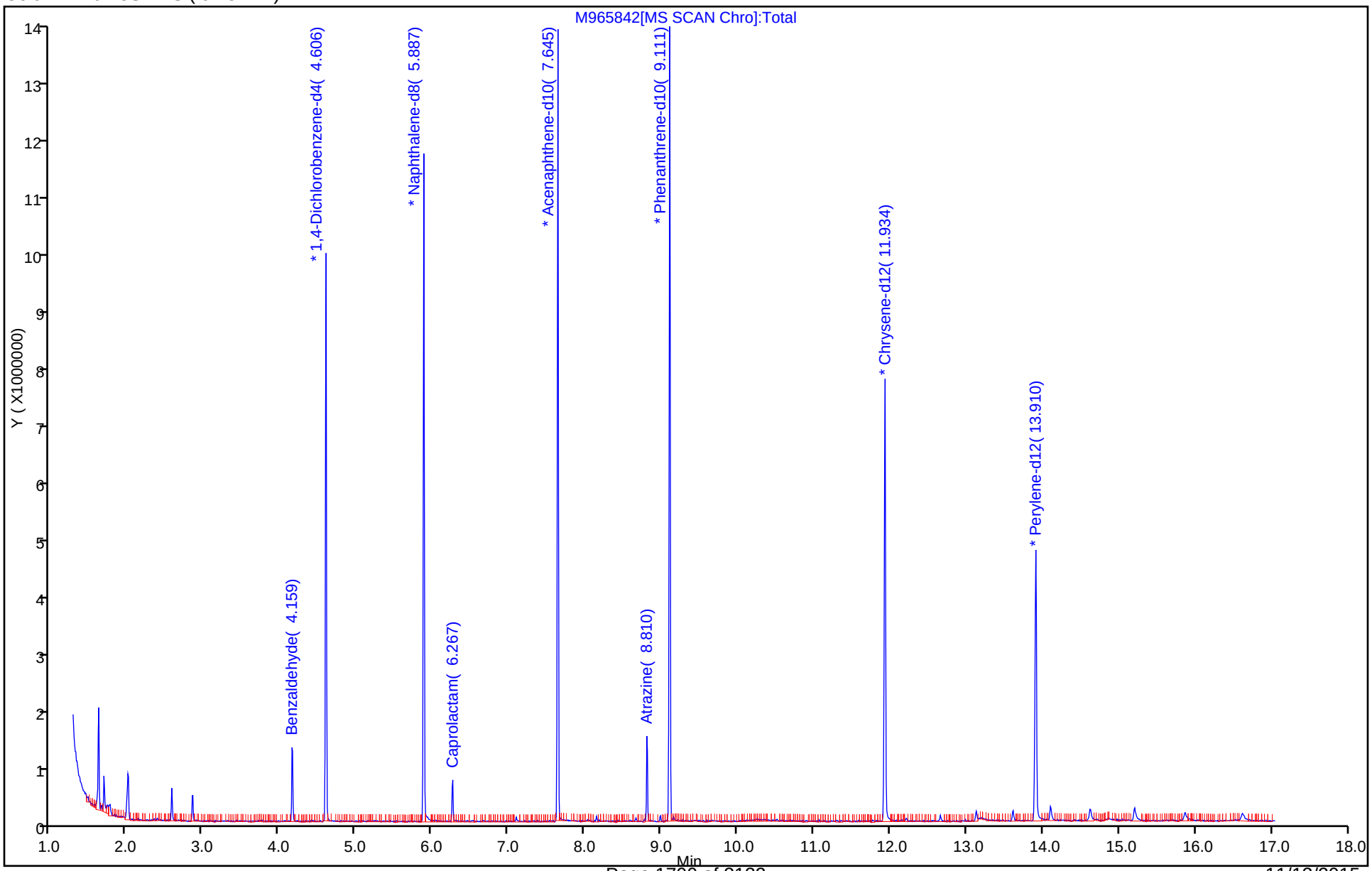
Report Date: 30-Oct-2015 02:59:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965842.D

Injection Date:	30-Oct-2015 00:04:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std1			Worklist Smp#:	15
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D
Lims ID: std02
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Oct-2015 00:25:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-016
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 02:59:33 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK012

First Level Reviewer: bayoumiw Date: 30-Oct-2015 01:32:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	4.163	4.163	0.000	94	60642	0.2000	0.2385	
* 14 1,4-Dichlorobenzene-d4	152	4.602	4.615	-0.013	96	1420645	8.00	8.00	
* 38 Naphthalene-d8	136	5.885	5.900	-0.015	99	4482553	8.00	8.00	
42 Caprolactam	113	6.258	6.296	-0.038	82	12902	0.2000	0.1599	
* 64 Acenaphthene-d10	164	7.645	7.652	-0.007	95	2653265	8.00	8.00	
83 Atrazine	200	8.810	8.827	-0.017	88	30589	0.2000	0.2134	
* 87 Phenanthrene-d10	188	9.108	9.118	-0.010	98	4514121	8.00	8.00	
* 102 Chrysene-d12	240	11.936	11.944	-0.008	98	3429370	8.00	8.00	
* 109 Perylene-d12	264	13.913	13.923	-0.010	99	2785877	8.00	8.00	

Reagents:

SM_BNAL1B_00011 Amount Added: 1.00 Units: mL

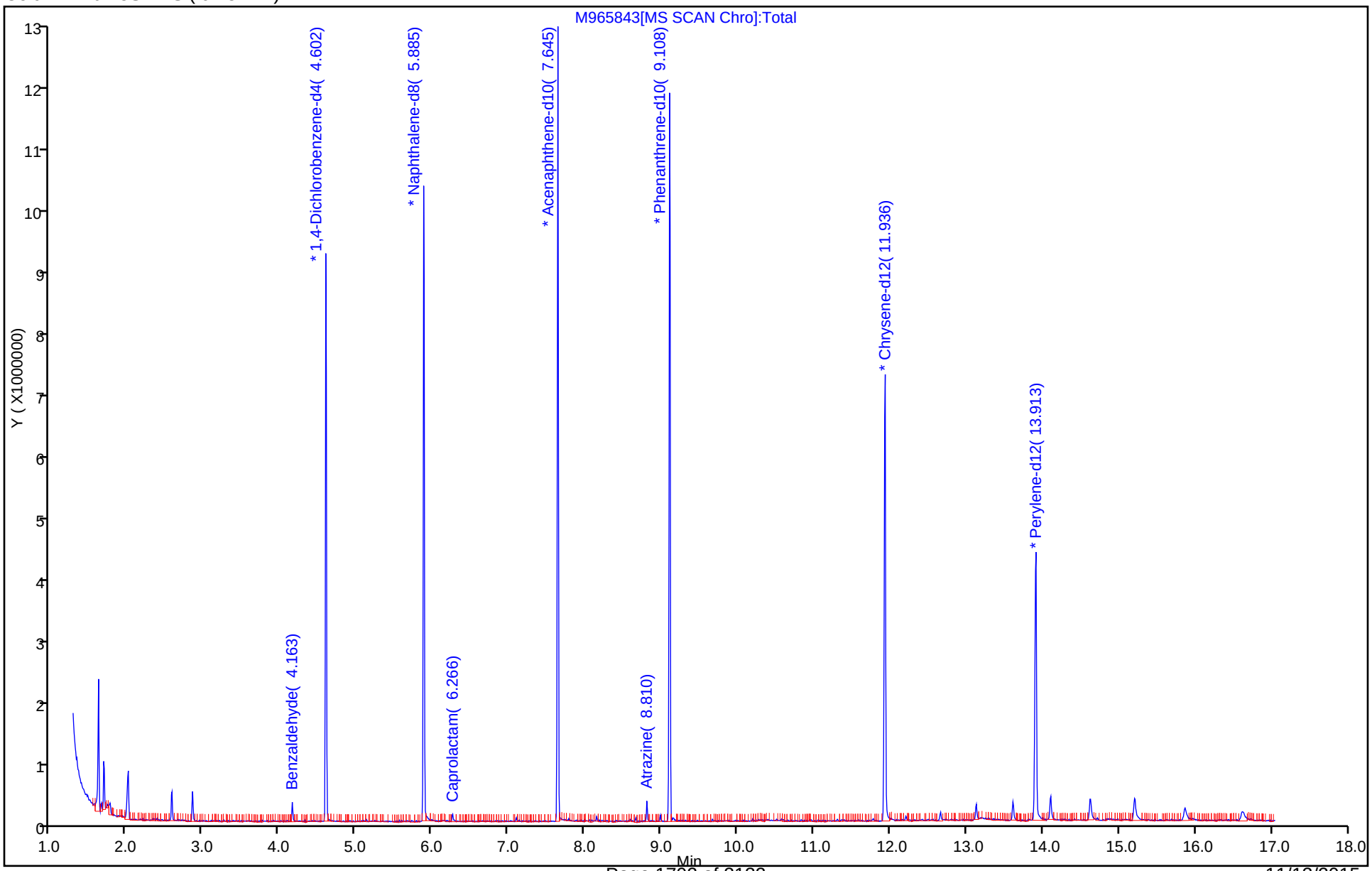
Report Date: 30-Oct-2015 02:59:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Injection Date:	30-Oct-2015 00:25:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	std02			Worklist Smp#:	16
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-333018/9	M966078.D
Level 2	STD02 460-333018/8	M966077.D
Level 3	STD1 460-333018/7	M966076.D
Level 4	STD2 460-333018/6	M966075.D
Level 5	STD4 460-333018/5	M966074.D
Level 6	ICIS 460-333018/2	M966071.D
Level 7	STD16 460-333018/4	M966073.D
Level 8	STD24 460-333018/3	M966072.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 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6220	0.5708	0.6348 0.5286	0.6930	0.6290	Ave		0.6130				9.3		20.0			
N-Nitrosodimethylamine	1.0843	1.0290	1.0718 0.9687	1.1741	1.1676	Ave		1.0826				7.3		20.0			
Pyridine	1.5580	1.3973	1.6067 1.2947	1.7187	1.6460	Ave		1.5369				10.4		20.0			
Aniline	1.9808	1.8271	2.5461 1.6156	2.6623	2.4803	Ave		2.1854				19.8		20.0			
Phenol	1.7107	1.5530	2.3150 1.3448	2.3260	2.1449	Qua	0.8612	1.8916	-0.024357		0.8000				0.9990		0.9900
Bis(2-chloroethyl)ether	1.9513 1.5117	1.9584 1.3778	1.7884 1.2461	1.7844	1.6769	Ave		1.6619			0.7000	15.7		20.0			
2-Chlorophenol	1.3480	1.2596	1.5737 1.1310	1.6134	1.5536	Ave		1.4132			0.8000	13.9		20.0			
n-Decane	1.3447	1.1949	1.7961 1.0430	1.9214	1.6994	QuaF		1.6089	-0.023978						0.9960		0.9900
1,3-Dichlorobenzene	1.3709	1.2288	1.6807 1.1121	1.7104	1.6559	Ave		1.4598				17.7		20.0			
1,4-Dichlorobenzene	1.3468	1.2159	1.5776 1.0059	1.6657	1.5849	Ave		1.3995				18.3		20.0			
Benzyl alcohol	0.9124	0.8642	0.9952 0.7689	1.0466	1.0107	Ave		0.9330				11.2		20.0			
1,2-Dichlorobenzene	1.2854	1.1578	1.6275 0.9662	1.6285	1.5680	Qua	0.3341	1.4987	-0.022775						1.0000		0.9900
2-Methylphenol	1.1166	1.0391	1.4127 0.9323	1.4525	1.3410	Ave		1.2157			0.7000	17.7		20.0			
2,2'-oxybis[1-chloropropane]	1.9420	1.7073	2.7909 1.4770	2.9834	2.5536	QuaF		2.3683	-0.037879		0.0100				0.9940		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

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 8	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-propylamine	1.4554 0.8592	1.4042 +++++	1.1570 +++++	1.2040	1.0654	Ave		1.1909			0.5000	18.5		20.0			
Acetophenone	1.3813	1.2750	1.9404 1.1212	2.0076	1.7755	Qua	0.9209	1.4865	-0.016868		0.0100				0.9990		0.9900
3 & 4 Methylphenol	1.1935	1.0750	1.5873 0.9949	1.5992	1.4544	Qua	0.7247	1.2221	-0.010905						0.9990		0.9900
4-Methylphenol	1.1856	1.0649	1.5635 0.9844	1.5846	1.3722	Ave		1.2925			0.6000	19.7		20.0			
Hexachloroethane	0.7907 0.6016	0.7050 0.5556	0.6932 0.4880	0.7448	0.6951	Ave		0.6593			0.3000	15.4		20.0			
Nitrobenzene	0.8259 0.5535	0.7638 0.4852	0.7463 0.5521	0.7479	0.6847	Ave		0.6699			0.2000	18.4		20.0			
n,n'-Dimethylaniline	2.2502 1.5070	2.2202 1.3154	2.1059 1.1400	1.9454	1.9234	QuaF		1.8035	-0.028112						0.9980		0.9900
Isophorone	0.8621	1.0769 0.8041	0.9963 0.7497	1.0365	0.9905	Ave		0.9309			0.4000	13.4		20.0			
2-Nitrophenol	0.2705	0.2493	0.2800 0.2321	0.3112	0.2968	Ave		0.2733			0.1000	10.8		20.0			
2,4-Dimethylphenol	0.3267	0.3181	0.4049 0.2872	0.4164	0.3869	Ave		0.3567			0.2000	14.8		20.0			
Bis(2-chloroethoxy)methane	0.4904	0.4338	0.5804 0.3870	0.5961	0.5583	Ave		0.5077			0.3000	16.7		20.0			
Benzoic acid	0.2072	0.2052	0.0597 +++++	0.1034	0.1423	Lin	-0.219	0.2208							0.9970		0.9900
2,4-Dichlorophenol	0.3534	0.3103	0.3956 0.2738	0.4093	0.3755	Ave		0.3530			0.2000	14.8		20.0			
1,2,4-Trichlorobenzene	0.4401 0.3587	0.4434 0.3217	0.4015 0.2897	0.4209	0.3928	Ave		0.3836				14.6		20.0			
Naphthalene	0.8803	0.7712	1.1884 0.6037	1.2767	1.1099	Qua	0.3653	1.0550	-0.019430		0.7000				0.9990		0.9900
4-Chloroaniline	0.4592	0.4082	0.5779 0.3556	0.5931	0.5688	Qua	0.1887	0.5091	-0.006772		0.0100				0.9990		0.9900
Hexachlorobutadiene	0.2412 0.2023	0.2488 0.1796	0.2217 0.1578	0.2335	0.2215	Ave		0.2133			0.0100	14.7		20.0			
4-Chloro-3-methylphenol	0.3259	0.2898	0.3740 0.2545	0.4009	0.3703	Ave		0.3359			0.2000	16.7		20.0			
2-Methylnaphthalene	0.6672	0.6095	0.8273 0.5067	0.8969	0.8476	Qua	0.2260	0.7802	-0.011782		0.4000				0.9990		0.9900
1-Methylnaphthalene	0.5920	0.5355	0.7831 0.4523	0.7619	0.7016	Qua	0.1762	0.6781	-0.009711						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

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 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4510	0.3979	0.3978 0.3716	0.4234	0.4071	Ave		0.4081			0.0500	6.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.7147	0.6185	0.7751 0.5659	0.7965	0.7292	Ave		0.7000			0.0100	12.9		20.0			
2-tertbutyl-4-methylphenol	0.4525	0.3935	0.5362 0.3374	0.5367	0.5106	Ave		0.4611				17.8		20.0			
2,4,6-Trichlorophenol	0.4936	0.5018 0.4609	0.5243 0.4430	0.5060	0.4868	Ave		0.4881			0.2000	5.7		20.0			
2,4,5-Trichlorophenol	0.5343	0.4716	0.5312 0.4447	0.5237	0.5018	Ave		0.5012			0.2000	7.2		20.0			
1,1'-Biphenyl	1.4935	1.3449	1.8342 1.1882	1.9013	1.6988	Ave		1.5768			0.0100	17.9		20.0			
2-Chloronaphthalene	1.1802	1.0950	1.3933 1.0165	1.4219	1.3042	Ave		1.2352			0.8000	13.3		20.0			
Phenyl ether	0.8755	0.8121	1.0365 0.7611	0.9220	0.9040	Ave		0.8852				10.8		20.0			
2-Nitroaniline	0.4867	0.4518	0.5591 0.4221	0.5801	0.5517	Ave		0.5086			0.0100	12.7		20.0			
1,3-Dimethylnaphthalene	1.0470	0.9694	1.2060 0.8731	1.1430	1.0830	Ave		1.0536				11.4		20.0			
Dimethyl phthalate	1.3420	1.2464	1.5858 1.1521	1.5798	1.4496	Ave		1.3926			0.0100	12.7		20.0			
Coumarin	0.2441	0.2254	0.2972 0.1958	0.2779	0.2770	Ave		0.2529				15.1		20.0			
2,6-Dinitrotoluene	0.4076	0.4232 0.3756	0.3985 0.3428	0.4389	0.3866	Ave		0.3962			0.2000	8.0		20.0			
Acenaphthylene	1.8267	1.6175	2.2514 1.4464	2.4539	2.0505	Ave		1.9411			0.9000	19.7		20.0			
3-Nitroaniline	0.4641	0.4404	0.4343 0.4176	0.4828	0.4440	Ave		0.4472			0.0100	5.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9406	0.8473	1.0364 0.8013	0.9729	0.9574	Ave		0.9260				9.3		20.0			
Acenaphthene	1.2585	0.9920	1.4580 0.8640	1.4857	1.4047	Qua	0.3301	1.3808	-0.022499		0.9000				0.9960		0.9900
2,4-Dinitrophenol	0.2486	0.2552	0.1091 0.2536	0.1794	0.2157	Lin2	-0.309	0.2606			0.0100				1.0000		0.9900
4-Nitrophenol	0.2880	0.2774	0.2974 0.2648	0.3327	0.2877	Ave		0.2913			0.0100	7.9		20.0			
2,4-Dinitrotoluene	0.4739	0.4698 0.4588	0.5210 0.3977	0.5521	0.4962	Ave		0.4814			0.2000	10.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

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 8	LVL 4	LVL 5		B	M1	M2								
Dibenzofuran	1.6821	1.4226	1.9421 1.2463	2.0126	1.7884	Ave		1.6824			0.8000	17.7		20.0			
2,3,4,6-Tetrachlorophenol	0.4268	0.3913	0.3715 0.3653	0.4426	0.4163	Ave		0.4023			0.0100	7.8		20.0			
Diethyl phthalate	1.3076	1.2043	1.5264 0.9727	1.5997	1.4426	Ave		1.3422			0.0100	17.2		20.0			
4-Chlorophenyl phenyl ether	0.5908	0.5443	0.7432 0.4736	0.7557	0.6710	Ave		0.6298			0.4000	17.9		20.0			
Fluorene	1.1531	1.0606	1.5337 0.9268	1.5282	1.3369	Ave		1.2565			0.9000	20.0		20.0			
4-Nitroaniline	0.4448	0.4169	0.4298 0.3602	0.4421	0.4357	Ave		0.4216			0.0100	7.5		20.0			
4,6-Dinitro-2-methylphenol	0.1891	0.0469 0.1732	0.1298 0.1712	0.1670	0.1863	Lin2	-0.054	0.1788			0.0100				0.9940		0.9900
N-Nitrosodiphenylamine	0.6209	0.8461 0.5190	0.8126 +++++	0.8283	0.7510	Ave		0.7297			0.0100	18.1		20.0			
1,2-Diphenylhydrazine	0.8609	0.7121	1.1168 0.6679	1.1229	1.0280	QuaF		0.9615	-0.012696						0.9940		0.9900
4-Bromophenyl phenyl ether	0.2672	0.2248	0.2908 0.2216	0.3118	0.2970	Ave		0.2689			0.1000	14.2		20.0			
Hexachlorobenzene	0.3788 0.2976	0.3501 0.2564	0.3600 0.2483	0.3652	0.3350	Ave		0.3239			0.1000	15.6		20.0			
Pentachlorophenol	0.1700	0.1399	0.0954 0.1293	0.1472	0.1695	Qua	-0.135	0.1920	-0.001276		0.0500				0.9960		0.9900
Pentachloronitrobenzene	0.0970	0.0816	0.1009 0.0803	0.1024	0.1059	Ave		0.0947			0.0100	11.6		20.0			
n-Octadecane	0.5413	0.4511	0.7247 0.4174	0.7655	0.6688	QuaF		0.6182	-0.008668						0.9930		0.9900
Phenanthrene	0.9794	0.8029	1.2245 0.7397	1.2597	1.1389	Qua	0.5289	1.0017	-0.012148		0.7000				0.9960		0.9900
Anthracene	0.9610	0.8484	1.2507 0.7712	1.3040	1.1613	Qua	0.5507	1.0022	-0.010738		0.7000				0.9990		0.9900
Carbazole	0.9699	0.8396	1.2210 0.7741	1.2483	1.1481	Ave		1.0335			0.0100	19.5		20.0			
Di-n-butyl phthalate	1.1235	0.9666	1.4907 0.8566	1.5442	1.3678	Qua	0.6524	1.1945	-0.015416		0.0100				0.9990		0.9900
Fluoranthene	1.0201	0.8424	1.2637 0.8137	1.3380	1.1920	QuaF		1.1102	-0.012952		0.6000				0.9930		0.9900
Benzidine	0.7036	0.6200	0.5705 0.6236	0.5953	0.7309	Ave		0.6407				9.8		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

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 8	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.3050	1.2963	1.8129 1.1913	1.8377	1.5559	Ave		1.4999			0.6000	18.6		20.0			
Bisphenol-A	0.5641	0.6332	0.4875 0.6407	0.5488	0.5559	Ave		0.5717				10.0		20.0			
Butyl benzyl phthalate	0.6641	0.7072	0.7054 0.6609	0.7476	0.6910	Ave		0.6961			0.0100	4.6		20.0			
2,3,7,8-TCDD	0.2075					Ave		0.2075						20.0			
Carbamazepine	0.4971	0.5317	0.3899 0.5513	0.3914	0.4311	Ave		0.4654				15.2		20.0			
3,3'-Dichlorobenzidine	0.5439	0.3803 0.5484	0.4249 0.5257	0.4505	0.5318	Ave		0.4865			0.0100	13.8		20.0			
Benzo[a]anthracene	1.4525 1.1297	1.3446 1.1220	1.2265 1.0783	1.2735	1.1972	Ave		1.2281			0.8000	10.2		20.0			
Bis(2-ethylhexyl) phthalate	0.7969	0.7906 0.7907	0.7962 0.7699	0.8900	0.8631	Ave		0.8139			0.0100	5.5		20.0			
Chrysene	1.0728	1.1793 1.0113	1.1581 0.9362	1.1766	1.1251	Ave		1.0942			0.7000	8.5		20.0			
Di-n-octyl phthalate	1.3585	1.2542	1.4944 1.1361	1.6141	1.5582	Ave		1.4026			0.0100	13.2		20.0			
Benzo[b]fluoranthene	1.2266 1.0033	1.1360 1.0487	1.1011 1.0337	1.1284	1.1454	Ave		1.1029			0.7000	6.5		20.0			
Benzo[k]fluoranthene	1.2680 1.1098	1.3134 0.9777	1.1774 0.9045	1.2821	1.1937	Ave		1.1533			0.7000	12.8		20.0			
Benzo[a]pyrene	1.0808 0.9384	1.0442 0.9948	1.0143 0.9264	1.0705	1.0599	Ave		1.0162			0.7000	5.8		20.0			
Indeno[1,2,3-cd]pyrene	0.8871 0.9636	0.7923 1.0086	0.8602 1.1222	0.9513	0.9034	Ave		0.9361			0.5000	10.7		20.0			
Dibenz(a,h)anthracene	0.9041 0.9258	0.8422 0.9472	0.8669 1.0009	0.9470	0.8976	Ave		0.9165			0.4000	5.5		20.0			
Benzo[g,h,i]perylene	0.9512	0.9642	0.8745 1.1489	0.9603	0.9116	Ave		0.9684			0.5000	9.8		20.0			
2-Fluorophenol (Surr)	1.4511	1.6281 1.3443	1.4111 1.1570	1.6295	1.6472	Ave		1.4669				12.4		20.0			
Phenol-d5 (Surr)	1.7427	2.0395 1.6342	2.1193 1.3638	2.2216	2.1232	Ave		1.8920				16.8		20.0			
Nitrobenzene-d5 (Surr)	0.5926 0.5036	0.5411 0.4583	0.5024 0.3848	0.6122	0.5683	Ave		0.5204				14.4		20.0			
2-Fluorobiphenyl	1.8155 1.4534	1.8476 1.3147	1.6593 1.1819	1.7358	1.5820	Ave		1.5738				15.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

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 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.3274	0.2726 0.3044	0.2950 0.2688	0.3374	0.3187	Ave		0.3035				8.7		20.0			
Terphenyl-d14 (Surr)	1.1099 1.0554	1.2295 1.0181	1.0595 0.8728	1.2114	1.1652	Ave		1.0902				10.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-333018/9	M966078.D
Level 2	STD02 460-333018/8	M966077.D
Level 3	STD1 460-333018/7	M966076.D
Level 4	STD2 460-333018/6	M966075.D
Level 5	STD4 460-333018/5	M966074.D
Level 6	ICIS 460-333018/2	M966071.D
Level 7	STD16 460-333018/4	M966073.D
Level 8	STD24 460-333018/3	M966072.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	907432	1230174	91380 1781964	193288	343826	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	1581918	2217928	154283 3265494	327507	638268	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	2273027	3011785	231290 4364596	479392	899748	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	2889778	3938063	366516 5446246	742593	1355799	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Qua	2495764	3347260	333248 4533390	648782	1172495	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	28274 2205419	54533 2969755	257450 4200725	497716	916638	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCB	Ave	1966581	2714870	226533 3812639	450026	849249	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	QuaF	1961811	2575380	258557 3516128	535930	928923	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	2000089	2648593	241933 3748797	477079	905144	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1964895	2620618	227104 3390898	464608	866353	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	1331049	1862581	143260 2592085	291917	552499	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	Qua	1875327	2495416	234277 3257214	454231	857095	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCB	Ave	1629005	2239583	203365 3142765	405142	733061	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	QuaF	2833200	3679818	401759 4978910	832152	1395896	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCB	Ave	21089 1253436	39099 +++++	166551 +++++	335843	582393	0.100 10.0	0.200 +++++	1.00 +++++	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Acetophenone	DCB	Qua	2015144	2748078	279329 3779728	559976	970540	10.0	16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCB	Qua	1741272	2316909	228499 3353738	446074	795016	10.0	16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	1729750	2295209	225070 3318545	441981	750090	10.0	16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	11457 877686	19631 1197537	99784 1645098	207742	379982	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	Ave	35974 2372624	65941 3102175	334725 5447145	642930	1167828	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCB	QuaF	32605 2198610	61822 2835092	303152 3843072	542644	1051406	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	3695244	92969 5140744	446840 7396756	891076	1689332	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	1159551	1593771	125584 2289972	267573	506182	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	1400203	2033651	181593 2834014	357996	659893	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	2101881	2773125	260321 3818615	512456	952161	10.0	16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Lin	888298	1312046	26789 +++++	88910	242662	10.0	16.0	1.00 +++++	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	1514755	1983961	177428 2701741	351842	640498	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	19169 1537372	38276 2056648	180092 2858333	361862	669908	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Qua	3773396	4930176	532991 5956642	1097562	1893033	10.0	16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Qua	1968202	2609878	259199 3508809	509853	970073	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	10507 866972	21477 1147891	99436 1556898	200760	377709	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	1396848	1852372	167747 2510921	344643	631491	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Qua	2860043	3896694	371034 4999644	771019	1445592	10.0	16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Qua	2537712	3423424	351216 4462698	654968	1196649	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	911574	1171461	90627 1539239	189349	363858	10.0	16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	1444629	1820856	176589 2343793	356216	651723	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	1939641	2515913	240496 3329192	461356	870759	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	997674	21676 1356754	119442 1834676	226299	435133	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	1079863	1388203	121026 1841848	234232	448510	10.0	16.0	1.00 24.0	2.00	4.00
1,1'-Biphenyl	ANT	Ave	3018620	3959194	417886 4921319	850330	1518419	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	2385311	3223405	317430 4210255	635925	1165685	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1769572	2390519	236145 3152385	412341	808016	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	983771	1330043	127382 1748363	259454	493078	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	2116120	2853600	274766 3616024	511193	967981	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	2712508	3669194	361284 4771578	706510	1295618	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Ave	1046242	1440916	133283 1932001	238890	472390	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	823827	18280 1105748	90779 1419869	196286	345534	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	3692072	4761619	512942 5990802	1097462	1832705	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	937978	1296557	98956 1729627	215932	396822	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	1901045	2494355	236122 3318621	435105	855748	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Qua	2543733	2920327	332177 3578433	664423	1255545	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Lin2	1004970	1502581	49697 2100348	160467	385630	20.0	32.0	2.00 48.0	4.00	8.00
4-Nitrophenol	ANT	Ave	1164301	1633282	135532 2193654	297590	514223	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	957746	20294 1350632	118702 1647114	246914	443514	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	3399815	4187804	442458 5161676	900106	1598511	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	862717	1151761	84639 1512944	197951	372073	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	2642937	3545242	347765 4028608	715404	1289360	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	1194140	1602275	169331 1961402	337955	599748	10.0	16.0	1.00 24.0	2.00	4.00
Fluorene	ANT	Ave	2330636	3122265	349412 3838711	683428	1194913	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	898979	1227175	97930 1491960	197709	389388	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Lin2	1247382	6960 1772558	95960 2339115	237219	512127	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	3480890	106799 4514638	510458 +++++	999960	1754724	17.0	0.340 27.2	1.70 +++++	3.40	6.80
1,2-Diphenylhydrazine	PHN	QuaF	2839116	3643574	412689 4562547	797475	1412865	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	881253	1150474	107464 1513611	221429	408135	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	14146 981553	25997 1312082	133030 1695906	259357	460381	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Qua	1121164	1431339	70509 1767121	209120	465948	20.0	32.0	2.00 48.0	4.00	8.00
Pentachloronitrobenzene	PHN	Ave	319918	417769	37298 548318	72707	145608	10.0	16.0	1.00 24.0	2.00	4.00
n-Octadecane	PHN	QuaF	1785069	2308307	267805 2850918	543668	919158	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Qua	3229817	4108318	452492 5052843	894620	1565295	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Qua	3169240	4341404	462168 5268284	926053	1596082	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	3198466	4296327	451193 5288037	886512	1577942	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Qua	3705093	4946077	550850 5851167	1096688	1879798	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	QuaF	3364015	4310734	466976 5558431	950249	1638292	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	2320146	3172768	210815 4260040	422775	1004564	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	3259125	4380131	510526 5690221	1009692	1684287	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	1408627	2139440	137296 3060253	301504	601756	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	1658577	2389699	198653 3156923	410756	748065	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	5181					0.100				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	1241450	1796676	109795 2633192	215023	466665	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	1358346	21813 1853153	119670 2510772	247521	575662	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	41976 2821334	77135 3791399	345402 5150515	699674	1296009	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1990199	45350 2671722	224228 3677206	488968	934268	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	2679170	67650 3417059	326136 4471679	646446	1217935	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	3377065	4737986	367866 6339946	790399	1498632	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	28615 2494068	51360 3961719	271057 5768495	552577	1101657	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	29579 2758626	59381 3693620	289829 5047264	627849	1148067	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	25213 2332597	47210 3758014	249680 5169605	524230	1019420	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	20694 2395246	35823 3810294	211757 6262189	465847	868903	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	21091 2301320	38079 3578311	213391 5585348	463713	863334	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	2364471	3642451	215283 6411254	470228	876754	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol (Surr)	DCB	Ave	2117013	45334 2897478	203134 3900204	454517	900442	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5 (Surr)	DCB	Ave	2542438	56789 3522395	305074 4597462	619667	1160628	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5 (Surr)	NPT	Ave	25814 2158754	46712 2929637	225316 3797195	526324	969195	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	40212 2937613	79802 3870254	378041 4894953	776315	1413977	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	661737	11776 896184	67206 1113470	150887	284871	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14 (Surr)	CRY	Ave	32076 2635806	70532 3440085	298373 4168802	665566	1261365	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 333018

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/03/2015 17:24 Calibration End Date: 11/03/2015 19:56 Calibration ID: 53116

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966071.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 03-Nov-2015 17:24:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-002
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:55:59 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: croccom Date: 03-Nov-2015 17:38:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.795	1.795	0.000	96	907432	10.0	10.1	
2 N-Nitrosodimethylamine	74	2.025	2.025	0.000	89	1581918	10.0	10.0	
3 Pyridine	79	2.055	2.055	0.000	89	2273027	10.0	10.1	
$ 4 2-Fluorophenol	112	3.210	3.210	0.000	95	2117013	10.0	9.89	
$ 6 Phenol-d5	99	4.131	4.131	0.000	94	2542438	10.0	9.21	
7 Phenol	94	4.146	4.146	0.000	85	2495764	10.0	9.83	
8 Aniline	93	4.146	4.146	0.000	81	2889778	10.0	9.06	
9 Bis(2-chloroethyl)ether	93	4.212	4.212	0.000	94	2205419	10.0	9.10	
10 Benzonitrile	103	4.235	4.235	0.000	96	3782123	NC	NC	
11 2-Chlorophenol	128	4.272	4.272	0.000	93	1966581	10.0	9.54	
12 n-Decane	43	4.317	4.317	0.000	89	1961811	10.0	9.79	
13 1,3-Dichlorobenzene	146	4.421	4.421	0.000	92	2000089	10.0	9.39	
* 14 1,4-Dichlorobenzene-d4	152	4.474	4.474	0.000	95	1167132	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.489	4.489	0.000	90	1964895	10.0	9.62	
17 Benzyl alcohol	108	4.616	4.616	0.000	93	1331049	10.0	9.78	
18 1,2-Dichlorobenzene	146	4.646	4.646	0.000	92	1875327	10.0	9.82	
19 2-Methylphenol	108	4.742	4.742	0.000	86	1629005	10.0	9.18	
20 2,2'-oxybis[1-chloropropan	45	4.750	4.750	0.000	93	2833200	10.0	9.71	
23 N-Methylaniline	106	4.876	4.876	0.000	83	2580460	NC	NC	
24 Acetophenone	105	4.884	4.884	0.000	96	2015144	10.0	9.75	
25 N-Nitrosodi-n-propylamine	70	4.891	4.891	0.000	91	1253436	10.0	7.21	
26 3 & 4 Methylphenol	108	4.906	4.906	0.000	67	1741272	10.0	10.1	
21 4-Methylphenol	108	4.906	4.906	0.000	92	1729750	10.0	9.17	
27 Hexachloroethane	117	4.987	4.987	0.000	96	877686	10.0	9.13	
$ 28 Nitrobenzene-d5	82	5.032	5.032	0.000	89	2158754	10.0	9.68	
29 Nitrobenzene	77	5.054	5.054	0.000	86	2372624	10.0	8.26	
30 n,n'-Dimethylaniline	120	5.061	5.061	0.000	85	2198610	10.0	9.88	
31 Isophorone	82	5.300	5.300	0.000	99	3695244	10.0	9.26	
32 2-Nitrophenol	139	5.375	5.375	0.000	92	1159551	10.0	9.90	
33 2,4-Dimethylphenol	122	5.433	5.433	0.000	90	1400203	10.0	9.16	
34 Bis(2-chloroethoxy)methane	93	5.514	5.514	0.000	95	2101881	10.0	9.66	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.585	5.585	0.000	92	888298	10.0	10.4	
36 2,4-Dichlorophenol	162	5.629	5.629	0.000	95	1514755	10.0	10.0	
37 1,2,4-Trichlorobenzene	180	5.702	5.702	0.000	95	1537372	10.0	9.35	
* 38 Naphthalene-d8	136	5.762	5.762	0.000	99	3429178	8.00	8.00	
39 Naphthalene	128	5.784	5.784	0.000	96	3773396	10.0	9.75	
40 4-Chloroaniline	127	5.844	5.844	0.000	95	1968202	10.0	9.97	
41 Hexachlorobutadiene	225	5.912	5.912	0.000	95	866972	10.0	9.48	
44 4-Chloro-3-methylphenol	107	6.340	6.340	0.000	95	1396848	10.0	9.70	
45 2-Methylnaphthalene	142	6.473	6.473	0.000	85	2860043	10.0	9.68	
46 1-Methylnaphthalene	142	6.579	6.579	0.000	93	2537712	10.0	9.86	
47 Hexachlorocyclopentadiene	237	6.646	6.646	0.000	96	911574	10.0	11.1	
48 1,2,4,5-Tetrachlorobenzene	216	6.653	6.653	0.000	97	1444629	10.0	10.2	
49 2-tertbutyl-4-methylphenol	149	6.683	6.683	0.000	93	1939641	10.0	9.81	
50 2,4,6-Trichlorophenol	196	6.766	6.766	0.000	89	997674	10.0	10.1	
51 2,4,5-Trichlorophenol	196	6.811	6.811	0.000	96	1079863	10.0	10.7	
$ 52 2-Fluorobiphenyl	172	6.848	6.848	0.000	96	2937613	10.0	9.24	
53 1,1'-Biphenyl	154	6.944	6.944	0.000	98	3018620	10.0	9.47	
54 2-Chloronaphthalene	162	6.967	6.967	0.000	96	2385311	10.0	9.55	
55 Phenyl ether	170	7.049	7.049	0.000	86	1769572	10.0	9.89	
57 2-Nitroaniline	65	7.072	7.072	0.000	95	983771	10.0	9.57	
58 1,3-Dimethylnaphthalene	156	7.185	7.185	0.000	93	2116120	10.0	9.94	
59 Dimethyl phthalate	163	7.260	7.260	0.000	98	2712508	10.0	9.64	
60 Coumarin	146	7.276	7.276	0.000	81	1046242	10.0	9.65	
61 2,6-Dinitrotoluene	165	7.313	7.313	0.000	95	823827	10.0	10.3	
62 Acenaphthylene	152	7.374	7.374	0.000	97	3692072	10.0	9.41	
63 3-Nitroaniline	138	7.479	7.479	0.000	96	937978	10.0	10.4	
* 64 Acenaphthene-d10	164	7.516	7.516	0.000	96	1616943	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.539	7.539	0.000	98	1901045	10.0	10.2	
66 Acenaphthene	154	7.554	7.554	0.000	95	2543733	10.0	10.8	
67 2,4-Dinitrophenol	184	7.585	7.585	0.000	95	1004970	20.0	20.3	
69 4-Nitrophenol	65	7.683	7.683	0.000	90	1164301	20.0	19.8	
70 2,4-Dinitrotoluene	165	7.706	7.706	0.000	96	957746	10.0	9.84	
71 Dibenzofuran	168	7.720	7.720	0.000	95	3399815	10.0	10.0	
72 2,3,4,6-Tetrachlorophenol	232	7.847	7.847	0.000	95	862717	10.0	10.6	
73 Diethyl phthalate	149	7.952	7.952	0.000	98	2642937	10.0	9.74	
74 4-Chlorophenyl phenyl ethe	204	8.058	8.058	0.000	89	1194140	10.0	9.38	
75 Fluorene	166	8.058	8.058	0.000	94	2330636	10.0	9.18	
76 4-Nitroaniline	138	8.102	8.102	0.000	90	898979	10.0	10.6	
77 4,6-Dinitro-2-methylphenol	198	8.125	8.125	0.000	92	1247382	20.0	21.5	
78 N-Nitrosodiphenylamine	169	8.186	8.186	0.000	69	3480890	17.0	14.5	
79 1,2-Diphenylhydrazine	77	8.216	8.216	0.000	97	2839116	10.0	10.4	
$ 80 2,4,6-Tribromophenol	330	8.305	8.305	0.000	93	661737	10.0	10.8	
81 4-Bromophenyl phenyl ether	248	8.538	8.538	0.000	92	881253	10.0	9.94	
82 Hexachlorobenzene	284	8.614	8.614	0.000	95	981553	10.0	9.19	
84 Pentachlorophenol	266	8.807	8.807	0.000	94	1121164	20.0	21.5	
85 Pentachloronitrobenzene	237	8.821	8.821	0.000	92	319918	10.0	10.2	
86 n-Octadecane	57	8.871	8.871	0.000	96	1785069	10.0	10.2	
* 87 Phenanthrene-d10	188	8.984	8.984	0.000	98	2638180	8.00	8.00	
88 Phenanthrene	178	9.007	9.007	0.000	98	3229817	10.0	10.6	
89 Anthracene	178	9.058	9.058	0.000	97	3169240	10.0	10.1	
90 Carbazole	167	9.215	9.215	0.000	98	3198466	10.0	9.38	
91 Di-n-butyl phthalate	149	9.555	9.555	0.000	99	3705093	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.177	10.177	0.000	96	3364015	10.0	10.5	
93 Benzidine	184	10.304	10.304	0.000	99	2320146	10.0	11.0	
94 Pyrene	202	10.409	10.409	0.000	96	3259125	10.0	8.70	
95 Bisphenol-A	213	10.453	10.453	0.000	0	1408627	10.0	9.87	
$ 96 Terphenyl-d14	244	10.563	10.563	0.000	99	2635806	10.0	9.68	
97 Butyl benzyl phthalate	149	11.095	11.095	0.000	97	1658577	10.0	9.54	
98 2,3,7,8-TCDD	320	11.206	11.206	0.000	90	5181	0.1000	0.1000	
99 Carbamazepine	193	11.228	11.228	0.000	91	1241450	10.0	10.7	
100 3,3'-Dichlorobenzidine	252	11.738	11.738	0.000	98	1358346	10.0	11.2	
101 Benzo[a]anthracene	228	11.766	11.766	0.000	97	2821334	10.0	9.20	
* 102 Chrysene-d12	240	11.780	11.780	0.000	99	1997873	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.801	11.801	0.000	90	1990199	10.0	9.79	
104 Chrysene	228	11.815	11.815	0.000	99	2679170	10.0	9.80	
105 Di-n-octyl phthalate	149	12.666	12.666	0.000	97	3377065	10.0	9.69	
106 Benzo[b]fluoranthene	252	13.200	13.200	0.000	98	2494068	10.0	9.10	
107 Benzo[k]fluoranthene	252	13.238	13.238	0.000	99	2758626	10.0	9.62	
108 Benzo[a]pyrene	252	13.649	13.649	0.000	96	2332597	10.0	9.23	
* 109 Perylene-d12	264	13.731	13.731	0.000	99	1988640	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.297	15.297	0.000	98	2395246	10.0	10.3	
111 Dibenz(a,h)anthracene	278	15.340	15.340	0.000	98	2301320	10.0	10.1	
112 Benzo[g,h,i]perylene	276	15.744	15.744	0.000	98	2364471	10.0	9.82	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00031 Amount Added: 1.00 Units: mL

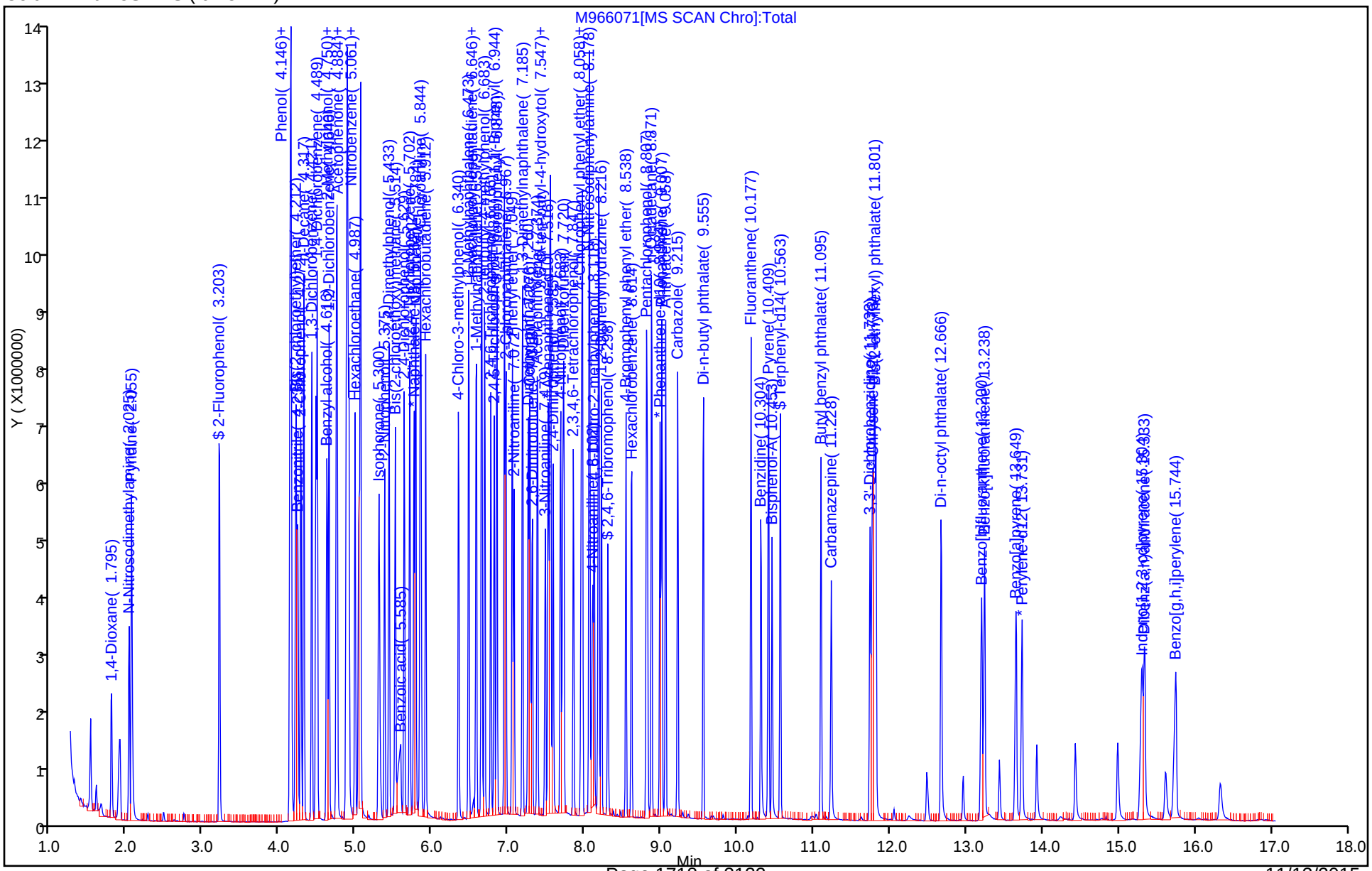
Report Date: 03-Nov-2015 21:56:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966071.D

Injection Date:	03-Nov-2015 17:24:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966072.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 03-Nov-2015 17:49:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-003
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:07 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:34:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.789	1.795	-0.006	96	1781964	24.0	20.7	
2 N-Nitrosodimethylamine	74	2.034	2.025	0.009	87	3265494	24.0	21.5	
3 Pyridine	79	2.057	2.055	0.002	87	4364596	24.0	20.2	
$ 4 2-Fluorophenol	112	3.206	3.210	-0.004	93	3900204	24.0	18.9	
$ 6 Phenol-d5	99	4.145	4.131	0.014	88	4597462	24.0	17.3	
7 Phenol	94	4.160	4.146	0.014	91	4533390	24.0	24.1	
8 Aniline	93	4.152	4.146	0.006	92	5446246	24.0	17.7	
9 Bis(2-chloroethyl)ether	93	4.220	4.212	0.008	92	4200725	24.0	18.0	
10 Benzonitrile	103	4.258	4.235	0.023	94	7130151	NC	NC	
11 2-Chlorophenol	128	4.288	4.272	0.016	92	3812639	24.0	19.2	
12 n-Decane	43	4.316	4.317	-0.001	88	3516128	24.0	24.5	
13 1,3-Dichlorobenzene	146	4.428	4.421	0.007	88	3748797	24.0	18.3	
* 14 1,4-Dichlorobenzene-d4	152	4.479	4.474	0.005	95	1123676	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.494	4.489	0.005	87	3390898	24.0	17.3	
17 Benzyl alcohol	108	4.636	4.616	0.020	93	2592085	24.0	19.8	
18 1,2-Dichlorobenzene	146	4.651	4.646	0.005	90	3257214	24.0	24.0	
19 2-Methylphenol	108	4.755	4.742	0.013	79	3142765	24.0	18.4	
20 2,2'-oxybis[1-chloropropan	45	4.755	4.750	0.005	85	4978910	24.0	24.8	
23 N-Methylaniline	106	4.883	4.876	0.007	88	4979510	NC	NC	
24 Acetophenone	105	4.896	4.884	0.012	96	3779728	24.0	24.0	
25 N-Nitrosodi-n-propylamine	70	4.904	4.891	0.013	94	2502889	24.0	15.0	
26 3 & 4 Methylphenol	108	4.925	4.906	0.019	68	3353738	24.0	24.1	
21 4-Methylphenol	108	4.925	4.906	0.019	93	3318545	24.0	18.3	
27 Hexachloroethane	117	4.985	4.987	-0.003	95	1645098	24.0	17.8	
$ 28 Nitrobenzene-d5	82	5.043	5.032	0.011	88	3797195	24.0	17.7	
29 Nitrobenzene	77	5.073	5.054	0.019	87	5447145	24.0	19.8	
30 n,n'-Dimethylaniline	120	5.073	5.061	0.012	84	3843072	24.0	24.6	
31 Isophorone	82	5.319	5.300	0.019	99	7396756	24.0	19.3	
32 2-Nitrophenol	139	5.379	5.375	0.004	92	2289972	24.0	20.4	
33 2,4-Dimethylphenol	122	5.446	5.433	0.013	90	2834014	24.0	19.3	
34 Bis(2-chloroethoxy)methane	93	5.522	5.514	0.008	94	3818615	24.0	18.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.619	5.585	0.034	90	1671970	24.0	19.4	
36 2,4-Dichlorophenol	162	5.641	5.629	0.012	94	2701741	24.0	18.6	
37 1,2,4-Trichlorobenzene	180	5.709	5.702	0.007	94	2858333	24.0	18.1	
* 38 Naphthalene-d8	136	5.761	5.762	-0.001	100	3288909	8.00	8.00	
39 Naphthalene	128	5.790	5.784	0.006	94	5956642	24.0	24.0	
40 4-Chloroaniline	127	5.851	5.844	0.007	94	3508809	24.0	24.2	
41 Hexachlorobutadiene	225	5.919	5.912	0.007	94	1556898	24.0	17.8	
44 4-Chloro-3-methylphenol	107	6.346	6.340	0.006	94	2510921	24.0	18.2	
45 2-Methylnaphthalene	142	6.481	6.473	0.008	85	4999644	24.0	24.0	
46 1-Methylnaphthalene	142	6.579	6.579	0.000	94	4462698	24.0	24.0	
47 Hexachlorocyclopentadiene	237	6.647	6.646	0.001	95	1539239	24.0	21.9	
48 1,2,4,5-Tetrachlorobenzene	216	6.654	6.653	0.001	95	2343793	24.0	19.4	
49 2-tertbutyl-4-methylphenol	149	6.692	6.683	0.009	91	3329192	24.0	17.6	
50 2,4,6-Trichlorophenol	196	6.775	6.766	0.009	88	1834676	24.0	21.8	
51 2,4,5-Trichlorophenol	196	6.821	6.811	0.010	96	1841848	24.0	21.3	
$ 52 2-Fluorobiphenyl	172	6.850	6.848	0.002	94	4894953	24.0	18.0	
53 1,1'-Biphenyl	154	6.949	6.944	0.005	99	4921319	24.0	18.1	
54 2-Chloronaphthalene	162	6.972	6.967	0.005	93	4210255	24.0	19.8	
55 Phenyl ether	170	7.054	7.049	0.005	87	3152385	24.0	20.6	
57 2-Nitroaniline	65	7.083	7.072	0.011	95	1748363	24.0	19.9	
58 1,3-Dimethylnaphthalene	156	7.188	7.185	0.003	92	3616024	24.0	19.9	
59 Dimethyl phthalate	163	7.272	7.260	0.012	97	4771578	24.0	19.9	
60 Coumarin	146	7.286	7.276	0.010	81	1932001	24.0	18.6	
61 2,6-Dinitrotoluene	165	7.324	7.313	0.011	94	1419869	24.0	20.8	
62 Acenaphthylene	152	7.384	7.374	0.010	95	5990802	24.0	17.9	
63 3-Nitroaniline	138	7.497	7.479	0.018	97	1729627	24.0	22.4	
* 64 Acenaphthene-d10	164	7.520	7.516	0.004	95	1380581	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.543	7.539	0.004	97	3318621	24.0	20.8	
66 Acenaphthene	154	7.558	7.554	0.004	94	3578433	24.0	24.8	
67 2,4-Dinitrophenol	184	7.603	7.585	0.018	93	2100348	48.0	47.9	
69 4-Nitrophenol	65	7.694	7.683	0.011	92	2193654	48.0	43.6	
70 2,4-Dinitrotoluene	165	7.724	7.706	0.018	95	1647114	24.0	19.8	
71 Dibenzofuran	168	7.731	7.720	0.011	93	5161676	24.0	17.8	
72 2,3,4,6-Tetrachlorophenol	232	7.859	7.847	0.012	96	1512944	24.0	21.8	
73 Diethyl phthalate	149	7.962	7.952	0.010	98	4028608	24.0	17.4	
74 4-Chlorophenyl phenyl ethe	204	8.061	8.058	0.003	86	1961402	24.0	18.0	
75 Fluorene	166	8.068	8.058	0.010	95	3838711	24.0	17.7	
76 4-Nitroaniline	138	8.129	8.102	0.027	91	1491960	24.0	20.5	
77 4,6-Dinitro-2-methylphenol	198	8.144	8.125	0.019	90	2339115	48.0	46.3	
78 N-Nitrosodiphenylamine	169	8.197	8.186	0.011	69	5711619	40.8	27.5	
79 1,2-Diphenylhydrazine	77	8.228	8.216	0.012	94	4562547	24.0	24.8	
$ 80 2,4,6-Tribromophenol	330	8.310	8.305	0.005	93	1113470	24.0	21.3	
81 4-Bromophenyl phenyl ether	248	8.549	8.538	0.011	93	1513611	24.0	19.8	
82 Hexachlorobenzene	284	8.615	8.614	0.001	96	1695906	24.0	18.4	
84 Pentachlorophenol	266	8.816	8.807	0.009	93	1767121	48.0	49.0	
85 Pentachloronitrobenzene	237	8.830	8.821	0.009	92	548318	24.0	20.3	
86 n-Octadecane	57	8.878	8.871	0.007	96	2850918	24.0	24.9	
* 87 Phenanthrene-d10	188	8.990	8.984	0.006	98	2276976	8.00	8.00	
88 Phenanthrene	178	9.019	9.007	0.012	98	5052843	24.0	24.4	
89 Anthracene	178	9.071	9.058	0.013	98	5268284	24.0	24.2	
90 Carbazole	167	9.229	9.215	0.014	99	5288037	24.0	18.0	
91 Di-n-butyl phthalate	149	9.556	9.555	0.001	98	5851167	24.0	24.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.189	10.177	0.012	95	5558431	24.0	24.7	
93 Benzidine	184	10.317	10.304	0.013	98	4260040	24.0	23.4	
94 Pyrene	202	10.416	10.409	0.007	95	5690221	24.0	19.1	
95 Bisphenol-A	213	10.459	10.453	0.006	0	3060253	24.0	26.9	
$ 96 Terphenyl-d14	244	10.569	10.563	0.006	99	4168802	24.0	19.2	
97 Butyl benzyl phthalate	149	11.100	11.095	0.005	97	3156923	24.0	22.8	
99 Carbamazepine	193	11.249	11.228	0.021	91	2633192	24.0	28.4	
100 3,3'-Dichlorobenzidine	252	11.752	11.738	0.014	99	2510772	24.0	25.9	
101 Benzo[a]anthracene	228	11.773	11.766	0.007	97	5150515	24.0	21.1	
* 102 Chrysene-d12	240	11.787	11.780	0.007	99	1592163	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.801	11.801	0.000	90	3677206	24.0	22.7	
104 Chrysene	228	11.829	11.815	0.014	97	4471679	24.0	20.5	
105 Di-n-octyl phthalate	149	12.679	12.666	0.013	97	6339946	24.0	19.4	
106 Benzo[b]fluoranthene	252	13.222	13.200	0.022	97	5768495	24.0	22.5	
107 Benzo[k]fluoranthene	252	13.258	13.238	0.020	98	5047264	24.0	18.8	
108 Benzo[a]pyrene	252	13.674	13.649	0.025	98	5169605	24.0	21.9	
* 109 Perylene-d12	264	13.739	13.731	0.008	99	1860140	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.323	15.297	0.026	95	6262189	24.0	28.8	M
111 Dibenz(a,h)anthracene	278	15.379	15.340	0.039	94	5585348	24.0	26.2	
112 Benzo[g,h,i]perylene	276	15.793	15.744	0.049	98	6411254	24.0	28.5	
S 119 Total Cresols	1				0			42.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL8_00008 Amount Added: 1.00 Units: mL

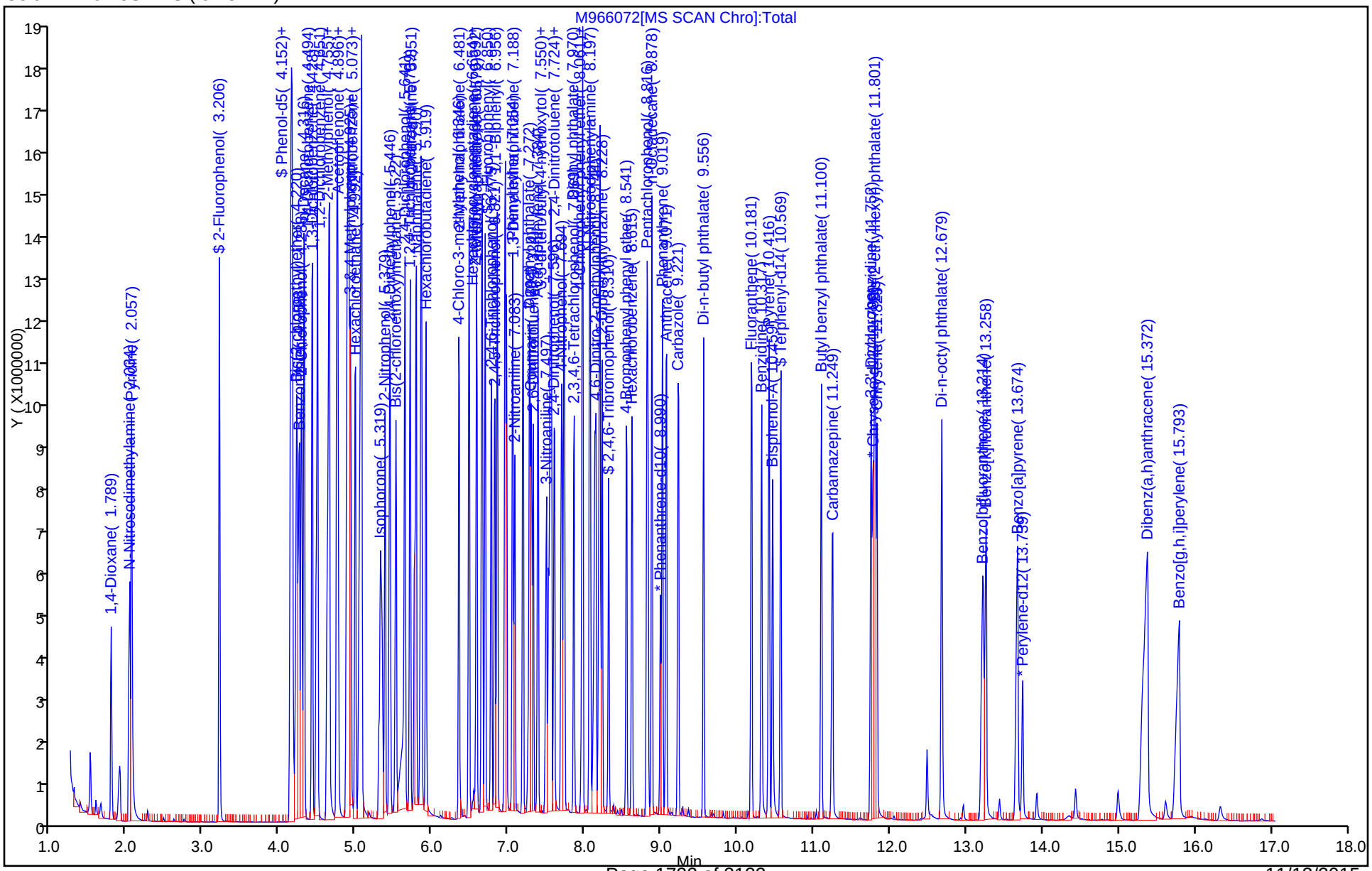
Report Date: 03-Nov-2015 21:56:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966072.D

Injection Date:	03-Nov-2015 17:49:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD24			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966073.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-Nov-2015 18:11:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-004
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:14 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:35:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.788	1.795	-0.007	95	1230174	16.0	14.9	
2 N-Nitrosodimethylamine	74	2.026	2.025	0.001	88	2217928	16.0	15.2	
3 Pyridine	79	2.056	2.055	0.001	89	3011785	16.0	14.5	
$ 4 2-Fluorophenol	112	3.208	3.210	-0.002	94	2897478	16.0	14.7	
$ 6 Phenol-d5	99	4.141	4.131	0.010	92	3522395	16.0	13.8	
7 Phenol	94	4.156	4.146	0.010	97	3347260	16.0	16.0	
8 Aniline	93	4.148	4.146	0.002	92	3938063	16.0	13.4	
9 Bis(2-chloroethyl)ether	93	4.216	4.212	0.004	94	2969755	16.0	13.3	
10 Benzonitrile	103	4.245	4.235	0.010	95	5148648	NC	NC	
11 2-Chlorophenol	128	4.275	4.272	0.003	93	2714870	16.0	14.3	
12 n-Decane	43	4.313	4.317	-0.004	89	2575380	16.0	15.4	
13 1,3-Dichlorobenzene	146	4.421	4.421	0.000	90	2648593	16.0	13.5	
* 14 1,4-Dichlorobenzene-d4	152	4.474	4.474	0.000	95	1077680	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.489	4.489	0.000	88	2620618	16.0	13.9	
17 Benzyl alcohol	108	4.624	4.616	0.008	93	1862581	16.0	14.8	
18 1,2-Dichlorobenzene	146	4.647	4.646	0.001	91	2495416	16.0	16.1	
19 2-Methylphenol	108	4.744	4.742	0.002	86	2239583	16.0	13.7	
20 2,2'-oxybis[1-chloropropan	45	4.752	4.750	0.002	93	3679818	16.0	15.3	
23 N-Methylaniline	106	4.877	4.876	0.001	82	3509501	NC	NC	
24 Acetophenone	105	4.892	4.884	0.008	95	2748078	16.0	16.0	
25 N-Nitrosodi-n-propylamine	70	4.892	4.891	0.001	93	1728003	16.0	10.8	
26 3 & 4 Methylphenol	108	4.914	4.906	0.008	73	2316909	16.0	15.7	
21 4-Methylphenol	108	4.914	4.906	0.008	91	2295209	16.0	13.2	
27 Hexachloroethane	117	4.982	4.987	-0.005	96	1197537	16.0	13.5	
$ 28 Nitrobenzene-d5	82	5.042	5.032	0.010	88	2929637	16.0	14.1	
29 Nitrobenzene	77	5.064	5.054	0.010	89	3102175	16.0	11.6	
30 n,n'-Dimethylaniline	120	5.064	5.061	0.003	84	2835092	16.0	15.3	
31 Isophorone	82	5.305	5.300	0.005	99	5140744	16.0	13.8	
32 2-Nitrophenol	139	5.380	5.375	0.005	94	1593771	16.0	14.6	
33 2,4-Dimethylphenol	122	5.440	5.433	0.007	90	2033651	16.0	14.3	
34 Bis(2-chloroethoxy)methane	93	5.515	5.514	0.001	95	2773125	16.0	13.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.612	5.585	0.027	89	1312046	16.0	15.9	
36 2,4-Dichlorophenol	162	5.635	5.629	0.006	94	1983961	16.0	14.1	
37 1,2,4-Trichlorobenzene	180	5.703	5.702	0.001	95	2056648	16.0	13.4	
* 38 Naphthalene-d8	136	5.762	5.762	0.000	100	3196473	8.00	8.00	
39 Naphthalene	128	5.784	5.784	0.000	96	4930176	16.0	16.2	
40 4-Chloroaniline	127	5.844	5.844	0.000	94	2609878	16.0	15.8	
41 Hexachlorobutadiene	225	5.912	5.912	0.000	95	1147891	16.0	13.5	
44 4-Chloro-3-methylphenol	107	6.343	6.340	0.003	95	1852372	16.0	13.8	
45 2-Methylnaphthalene	142	6.478	6.473	0.005	86	3896694	16.0	16.1	
46 1-Methylnaphthalene	142	6.576	6.579	-0.003	95	3423424	16.0	16.1	
47 Hexachlorocyclopentadiene	237	6.642	6.646	-0.004	96	1171461	16.0	15.6	
48 1,2,4,5-Tetrachlorobenzene	216	6.649	6.653	-0.004	95	1820856	16.0	14.1	
49 2-tertbutyl-4-methylphenol	149	6.686	6.683	0.003	92	2515913	16.0	13.7	
50 2,4,6-Trichlorophenol	196	6.767	6.766	0.001	89	1356754	16.0	15.1	
51 2,4,5-Trichlorophenol	196	6.812	6.811	0.001	96	1388203	16.0	15.1	
$ 52 2-Fluorobiphenyl	172	6.850	6.848	0.002	95	3870254	16.0	13.4	
53 1,1'-Biphenyl	154	6.947	6.944	0.003	98	3959194	16.0	13.6	
54 2-Chloronaphthalene	162	6.969	6.967	0.002	95	3223405	16.0	14.2	
55 Phenyl ether	170	7.051	7.049	0.002	86	2390519	16.0	14.7	
57 2-Nitroaniline	65	7.074	7.072	0.002	97	1330043	16.0	14.2	
58 1,3-Dimethylnaphthalene	156	7.186	7.185	0.001	92	2853600	16.0	14.7	
59 Dimethyl phthalate	163	7.267	7.260	0.007	97	3669194	16.0	14.3	
60 Coumarin	146	7.282	7.276	0.006	82	1440916	16.0	14.3	
61 2,6-Dinitrotoluene	165	7.312	7.313	-0.001	96	1105748	16.0	15.2	
62 Acenaphthylene	152	7.380	7.374	0.006	96	4761619	16.0	13.3	
63 3-Nitroaniline	138	7.485	7.479	0.006	97	1296557	16.0	15.8	
* 64 Acenaphthene-d10	164	7.515	7.516	-0.001	95	1471880	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.538	7.539	-0.001	98	2494355	16.0	14.6	
66 Acenaphthene	154	7.553	7.554	-0.001	94	2920327	16.0	14.8	
67 2,4-Dinitrophenol	184	7.590	7.585	0.005	95	1502581	32.0	32.5	
69 4-Nitrophenol	65	7.688	7.683	0.005	91	1633282	32.0	30.5	
70 2,4-Dinitrotoluene	165	7.711	7.706	0.005	96	1350632	16.0	15.3	
71 Dibenzofuran	168	7.726	7.720	0.006	94	4187804	16.0	13.5	
72 2,3,4,6-Tetrachlorophenol	232	7.854	7.847	0.007	95	1151761	16.0	15.6	
73 Diethyl phthalate	149	7.955	7.952	0.003	98	3545242	16.0	14.4	
74 4-Chlorophenyl phenyl ethe	204	8.060	8.058	0.002	93	1602275	16.0	13.8	
75 Fluorene	166	8.068	8.058	0.010	95	3122265	16.0	13.5	
76 4-Nitroaniline	138	8.113	8.102	0.011	90	1227175	16.0	15.8	
77 4,6-Dinitro-2-methylphenol	198	8.128	8.125	0.003	91	1772558	32.0	31.3	
78 N-Nitrosodiphenylamine	169	8.189	8.186	0.003	69	4514638	27.2	19.3	
79 1,2-Diphenylhydrazine	77	8.219	8.216	0.003	96	3643574	16.0	14.7	
$ 80 2,4,6-Tribromophenol	330	8.308	8.305	0.003	92	896184	16.0	16.1	
81 4-Bromophenyl phenyl ether	248	8.541	8.538	0.003	92	1150474	16.0	13.4	
82 Hexachlorobenzene	284	8.615	8.614	0.001	96	1312082	16.0	12.7	
84 Pentachlorophenol	266	8.809	8.807	0.002	94	1431339	32.0	30.0	
85 Pentachloronitrobenzene	237	8.823	8.821	0.002	91	417769	16.0	13.8	
86 n-Octadecane	57	8.872	8.871	0.001	96	2308307	16.0	14.7	
* 87 Phenanthrene-d10	188	8.984	8.984	0.000	98	2558500	8.00	8.00	
88 Phenanthrene	178	9.014	9.007	0.007	98	4108318	16.0	15.0	
89 Anthracene	178	9.059	9.058	0.001	96	4341404	16.0	15.6	
90 Carbazole	167	9.223	9.215	0.008	98	4296327	16.0	13.0	
91 Di-n-butyl phthalate	149	9.553	9.555	-0.002	99	4946077	16.0	15.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.178	10.177	0.001	96	4310734	16.0	14.6	
93 Benzidine	184	10.307	10.304	0.003	99	3172768	16.0	15.5	
94 Pyrene	202	10.411	10.409	0.002	95	4380131	16.0	13.8	
95 Bisphenol-A	213	10.455	10.453	0.002	0	2139440	16.0	17.7	
$ 96 Terphenyl-d14	244	10.564	10.563	0.001	99	3440085	16.0	14.9	
97 Butyl benzyl phthalate	149	11.095	11.095	0.000	97	2389699	16.0	16.3	
99 Carbamazepine	193	11.234	11.228	0.006	91	1796676	16.0	18.3	
100 3,3'-Dichlorobenzidine	252	11.739	11.738	0.001	98	1853153	16.0	18.0	
101 Benzo[a]anthracene	228	11.767	11.766	0.001	97	3791399	16.0	14.6	
* 102 Chrysene-d12	240	11.781	11.780	0.001	99	1689510	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.795	11.801	-0.006	89	2671722	16.0	15.5	
104 Chrysene	228	11.816	11.815	0.001	98	3417059	16.0	14.8	
105 Di-n-octyl phthalate	149	12.670	12.666	0.004	97	4737986	16.0	14.3	
106 Benzo[b]fluoranthene	252	13.202	13.200	0.002	97	3961719	16.0	15.2	
107 Benzo[k]fluoranthene	252	13.245	13.238	0.007	99	3693620	16.0	13.6	
108 Benzo[a]pyrene	252	13.657	13.649	0.008	97	3758014	16.0	15.7	
* 109 Perylene-d12	264	13.730	13.731	-0.001	99	1888872	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.311	15.297	0.014	98	3810294	16.0	17.2	
111 Dibenz(a,h)anthracene	278	15.353	15.340	0.013	97	3578311	16.0	16.5	
112 Benzo[g,h,i]perylene	276	15.758	15.744	0.014	98	3642451	16.0	15.9	
S 119 Total Cresols	1				0			29.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL7_00008 Amount Added: 1.00 Units: mL

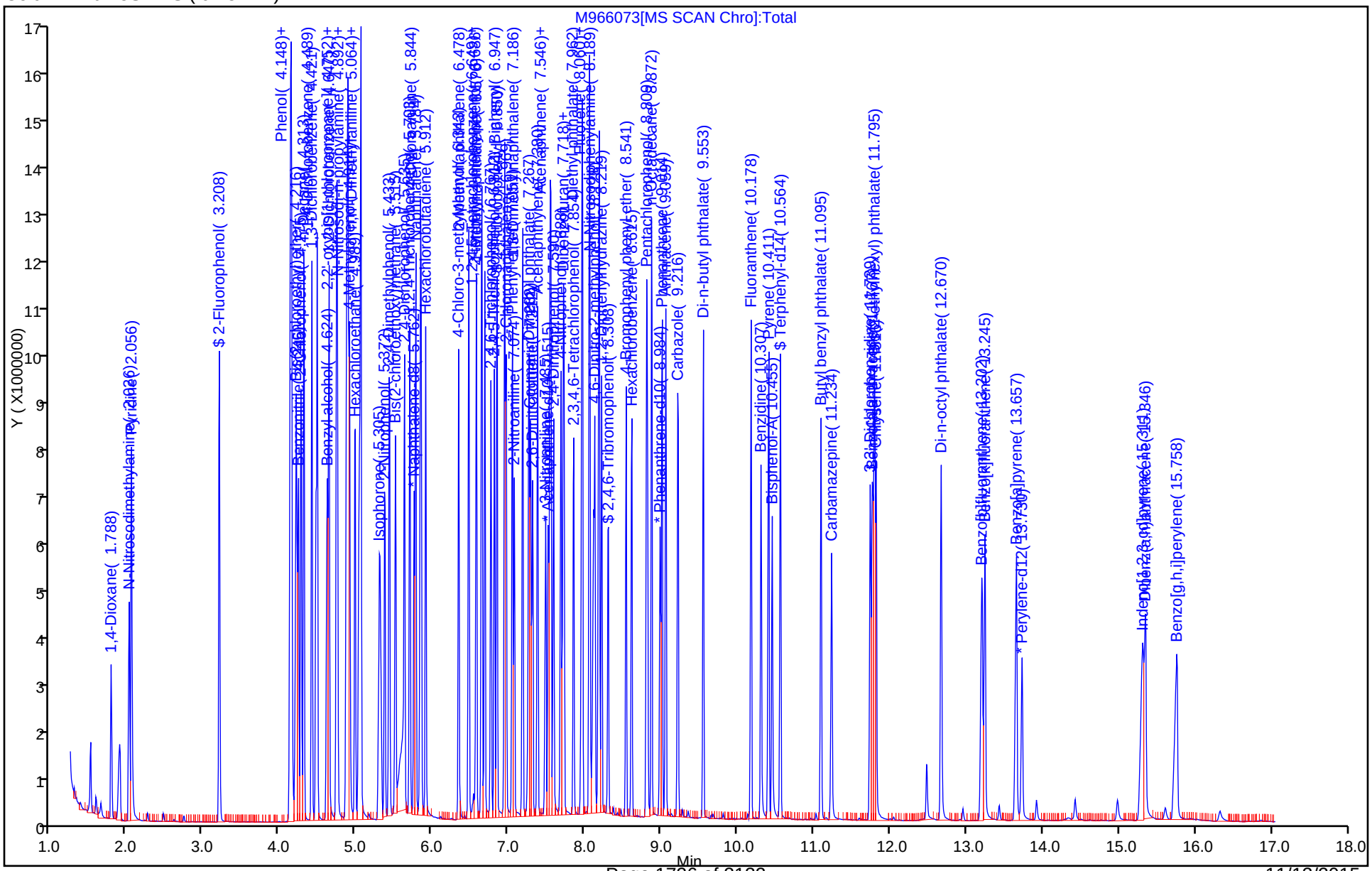
Report Date: 03-Nov-2015 21:56:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966073.D

Injection Date:	03-Nov-2015 18:11:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD16			Worklist Smp#:	4
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966074.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Nov-2015 18:32:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-005
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:19 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:36:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.795	1.795	0.000	97	343826	4.00	4.10	
2 N-Nitrosodimethylamine	74	2.019	2.025	-0.006	89	638268	4.00	4.31	
3 Pyridine	79	2.056	2.055	0.001	91	899748	4.00	4.28	
$ 4 2-Fluorophenol	112	3.202	3.210	-0.008	96	900442	4.00	4.49	
$ 6 Phenol-d5	99	4.118	4.131	-0.013	90	1160628	4.00	4.49	
7 Phenol	94	4.133	4.146	-0.013	91	1172495	4.00	4.32	
8 Aniline	93	4.140	4.146	-0.006	95	1355799	4.00	4.54	
9 Bis(2-chloroethyl)ether	93	4.200	4.212	-0.012	95	916638	4.00	4.04	
10 Benzonitrile	103	4.215	4.235	-0.020	96	1563509	NC	NC	
11 2-Chlorophenol	128	4.268	4.272	-0.004	94	849249	4.00	4.40	
12 n-Decane	43	4.313	4.317	-0.004	91	928923	4.00	4.53	
13 1,3-Dichlorobenzene	146	4.416	4.421	-0.005	93	905144	4.00	4.54	
* 14 1,4-Dichlorobenzene-d4	152	4.469	4.474	-0.005	96	1093268	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.484	4.489	-0.005	93	866353	4.00	4.53	
17 Benzyl alcohol	108	4.611	4.616	-0.005	93	552499	4.00	4.33	
18 1,2-Dichlorobenzene	146	4.642	4.646	-0.004	94	857095	4.00	4.23	
19 2-Methylphenol	108	4.739	4.742	-0.003	85	733061	4.00	4.41	
20 2,2'-oxybis[1-chloropropan	45	4.747	4.750	-0.003	93	1395896	4.00	4.66	
23 N-Methylaniline	106	4.867	4.876	-0.009	83	1149740	NC	NC	
24 Acetophenone	105	4.874	4.884	-0.010	93	970540	4.00	4.38	
25 N-Nitrosodi-n-propylamine	70	4.874	4.891	-0.017	92	582393	4.00	3.58	
26 3 & 4 Methylphenol	108	4.897	4.906	-0.009	67	795016	4.00	4.34	
21 4-Methylphenol	108	4.897	4.906	-0.009	93	750090	4.00	4.25	
27 Hexachloroethane	117	4.977	4.987	-0.010	96	379982	4.00	4.22	
$ 28 Nitrobenzene-d5	82	5.028	5.032	-0.004	87	969195	4.00	4.37	
29 Nitrobenzene	77	5.043	5.054	-0.011	96	1167828	4.00	4.09	
30 n,n'-Dimethylaniline	120	5.050	5.061	-0.011	97	1051406	4.00	4.60	
31 Isophorone	82	5.287	5.300	-0.013	100	1689332	4.00	4.26	
32 2-Nitrophenol	139	5.370	5.375	-0.005	94	506182	4.00	4.34	
33 2,4-Dimethylphenol	122	5.422	5.433	-0.011	89	659893	4.00	4.34	
34 Bis(2-chloroethoxy)methane	93	5.505	5.514	-0.009	97	952161	4.00	4.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.542	5.585	-0.043	87	242662	4.00	3.57	
36 2,4-Dichlorophenol	162	5.625	5.629	-0.004	95	640498	4.00	4.26	
37 1,2,4-Trichlorobenzene	180	5.697	5.702	-0.005	94	669908	4.00	4.10	
* 38 Naphthalene-d8	136	5.757	5.762	-0.005	99	3411056	8.00	8.00	
39 Naphthalene	128	5.772	5.784	-0.012	98	1893033	4.00	4.18	
40 4-Chloroaniline	127	5.830	5.844	-0.014	96	970073	4.00	4.35	
41 Hexachlorobutadiene	225	5.906	5.912	-0.006	97	377709	4.00	4.15	
44 4-Chloro-3-methylphenol	107	6.341	6.340	0.001	96	631491	4.00	4.41	
45 2-Methylnaphthalene	142	6.473	6.473	0.000	87	1445592	4.00	4.34	
46 1-Methylnaphthalene	142	6.571	6.579	-0.008	95	1196649	4.00	4.12	
47 Hexachlorocyclopentadiene	237	6.638	6.646	-0.008	96	363858	4.00	3.99	
48 1,2,4,5-Tetrachlorobenzene	216	6.646	6.653	-0.007	96	651723	4.00	4.17	
49 2-tertbutyl-4-methylphenol	149	6.684	6.683	0.001	93	870759	4.00	4.43	
50 2,4,6-Trichlorophenol	196	6.765	6.766	-0.001	92	435133	4.00	3.99	
51 2,4,5-Trichlorophenol	196	6.808	6.811	-0.003	96	448510	4.00	4.00	
$ 52 2-Fluorobiphenyl	172	6.839	6.848	-0.009	97	1413977	4.00	4.02	
53 1,1'-Biphenyl	154	6.935	6.944	-0.009	96	1518419	4.00	4.31	
54 2-Chloronaphthalene	162	6.957	6.967	-0.010	98	1165685	4.00	4.22	
55 Phenyl ether	170	7.040	7.049	-0.009	86	808016	4.00	4.09	
57 2-Nitroaniline	65	7.063	7.072	-0.009	97	493078	4.00	4.34	
58 1,3-Dimethylnaphthalene	156	7.176	7.185	-0.009	94	967981	4.00	4.11	
59 Dimethyl phthalate	163	7.244	7.260	-0.016	99	1295618	4.00	4.16	
60 Coumarin	146	7.266	7.276	-0.010	81	472390	4.00	4.38	
61 2,6-Dinitrotoluene	165	7.304	7.313	-0.009	95	345534	4.00	3.90	
62 Acenaphthylene	152	7.372	7.374	-0.002	97	1832705	4.00	4.23	
63 3-Nitroaniline	138	7.469	7.479	-0.010	96	396822	4.00	3.97	
* 64 Acenaphthene-d10	164	7.513	7.516	-0.003	95	1787597	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.535	7.539	-0.004	97	855748	4.00	4.14	
66 Acenaphthene	154	7.543	7.554	-0.011	95	1255545	4.00	4.10	
67 2,4-Dinitrophenol	184	7.573	7.585	-0.012	92	385630	8.00	7.81	
69 4-Nitrophenol	65	7.669	7.683	-0.014	91	514223	8.00	7.90	
70 2,4-Dinitrotoluene	165	7.699	7.706	-0.007	97	443514	4.00	4.12	
71 Dibenzofuran	168	7.715	7.720	-0.005	96	1598511	4.00	4.25	
72 2,3,4,6-Tetrachlorophenol	232	7.843	7.847	-0.004	95	372073	4.00	4.14	
73 Diethyl phthalate	149	7.939	7.952	-0.013	98	1289360	4.00	4.30	
74 4-Chlorophenyl phenyl ethe	204	8.052	8.058	-0.006	78	599748	4.00	4.26	
75 Fluorene	166	8.052	8.058	-0.006	94	1194913	4.00	4.26	
76 4-Nitroaniline	138	8.082	8.102	-0.020	90	389388	4.00	4.13	
77 4,6-Dinitro-2-methylphenol	198	8.105	8.125	-0.020	92	512127	8.00	8.64	
78 N-Nitrosodiphenylamine	169	8.171	8.186	-0.015	68	1754724	6.80	7.00	
79 1,2-Diphenylhydrazine	77	8.209	8.216	-0.007	99	1412865	4.00	4.55	
$ 80 2,4,6-Tribromophenol	330	8.292	8.305	-0.013	93	284871	4.00	4.20	
81 4-Bromophenyl phenyl ether	248	8.532	8.538	-0.006	91	408135	4.00	4.42	
82 Hexachlorobenzene	284	8.607	8.614	-0.007	95	460381	4.00	4.14	
84 Pentachlorophenol	266	8.801	8.807	-0.006	96	465948	8.00	8.21	
85 Pentachloronitrobenzene	237	8.815	8.821	-0.006	92	145608	4.00	4.48	
86 n-Octadecane	57	8.866	8.871	-0.005	95	919158	4.00	4.63	
* 87 Phenanthrene-d10	188	8.979	8.984	-0.005	98	2748706	8.00	8.00	
88 Phenanthrene	178	9.002	9.007	-0.005	98	1565295	4.00	4.24	
89 Anthracene	178	9.047	9.058	-0.011	98	1596082	4.00	4.28	
90 Carbazole	167	9.211	9.215	-0.004	97	1577942	4.00	4.44	
91 Di-n-butyl phthalate	149	9.548	9.555	-0.007	100	1879798	4.00	4.27	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.171	10.177	-0.006	97	1638292	4.00	4.53	
93 Benzidine	184	10.299	10.304	-0.005	100	1004564	4.00	4.56	
94 Pyrene	202	10.397	10.409	-0.012	97	1684287	4.00	4.15	
95 Bisphenol-A	213	10.449	10.453	-0.004	0	601756	4.00	3.89	
$ 96 Terphenyl-d14	244	10.554	10.563	-0.009	99	1261365	4.00	4.28	
97 Butyl benzyl phthalate	149	11.088	11.095	-0.007	97	748065	4.00	3.97	
99 Carbamazepine	193	11.214	11.228	-0.014	91	466665	4.00	3.71	
100 3,3'-Dichlorobenzidine	252	11.729	11.738	-0.009	99	575662	4.00	4.37	
101 Benzo[a]anthracene	228	11.757	11.766	-0.009	98	1296009	4.00	3.90	
* 102 Chrysene-d12	240	11.771	11.780	-0.009	99	2165022	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.792	11.801	-0.009	90	934268	4.00	4.24	
104 Chrysene	228	11.806	11.815	-0.009	99	1217935	4.00	4.11	
105 Di-n-octyl phthalate	149	12.664	12.666	-0.002	97	1498632	4.00	4.44	
106 Benzo[b]fluoranthene	252	13.187	13.200	-0.013	98	1101657	4.00	4.15	
107 Benzo[k]fluoranthene	252	13.225	13.238	-0.013	99	1148067	4.00	4.14	
108 Benzo[a]pyrene	252	13.635	13.649	-0.014	98	1019420	4.00	4.17	
* 109 Perylene-d12	264	13.723	13.731	-0.008	99	1923584	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.276	15.297	-0.021	98	868903	4.00	3.86	
111 Dibenz(a,h)anthracene	278	15.314	15.340	-0.026	96	863334	4.00	3.92	
112 Benzo[g,h,i]perylene	276	15.717	15.744	-0.027	99	876754	4.00	3.77	
S 119 Total Cresols	1				0			8.75	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL5_00016 Amount Added: 1.00 Units: mL

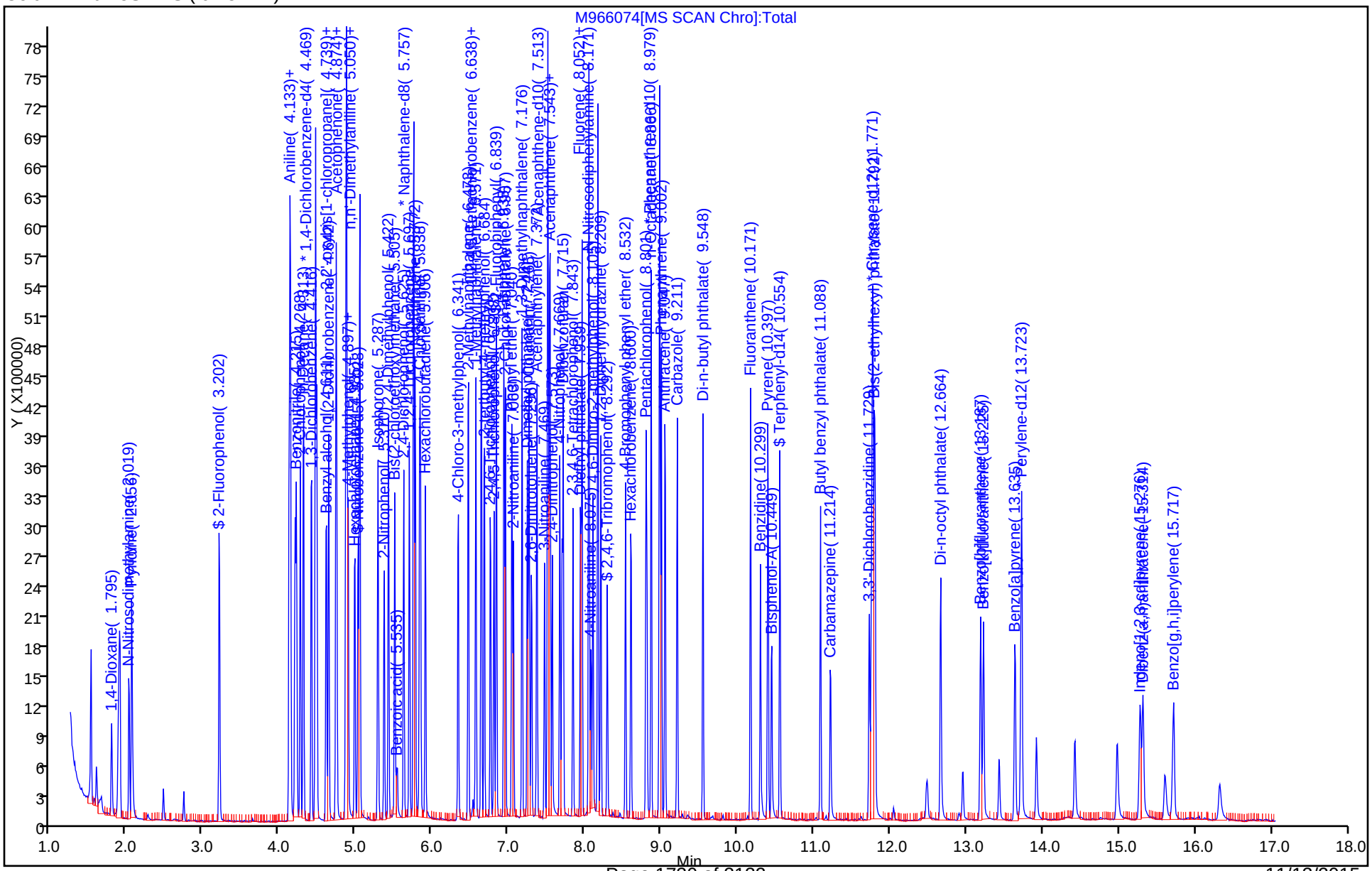
Report Date: 03-Nov-2015 21:56:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966074.D

Injection Date:	03-Nov-2015 18:32:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD4			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966075.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Nov-2015 18:53:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-006
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:26 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:37:15

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.797	1.795	0.002	97	193288	2.00	2.26	
	2 N-Nitrosodimethylamine	74	2.021	2.025	-0.004	90	327507	2.00	2.17	
	3 Pyridine	79	2.058	2.055	0.003	91	479392	2.00	2.24	
$	4 2-Fluorophenol	112	3.204	3.210	-0.006	95	454517	2.00	2.22	
$	6 Phenol-d5	99	4.118	4.131	-0.013	88	619667	2.00	2.35	
	7 Phenol	94	4.133	4.146	-0.013	94	648782	2.00	2.06	
	8 Aniline	93	4.133	4.146	-0.013	91	742593	2.00	2.44	
	9 Bis(2-chloroethyl)ether	93	4.193	4.212	-0.019	95	497716	2.00	2.15	
	10 Benzonitrile	103	4.215	4.235	-0.020	97	835128	NC	NC	
	11 2-Chlorophenol	128	4.268	4.272	-0.004	95	450026	2.00	2.28	
	12 n-Decane	43	4.305	4.317	-0.012	95	535930	2.00	2.48	
	13 1,3-Dichlorobenzene	146	4.408	4.421	-0.013	94	477079	2.00	2.34	
*	14 1,4-Dichlorobenzene-d4	152	4.468	4.474	-0.006	95	1115725	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.483	4.489	-0.006	95	464608	2.00	2.38	
	17 Benzyl alcohol	108	4.603	4.616	-0.013	94	291917	2.00	2.24	
	18 1,2-Dichlorobenzene	146	4.641	4.646	-0.005	95	454231	2.00	2.01	
	19 2-Methylphenol	108	4.731	4.742	-0.011	87	405142	2.00	2.39	
	20 2,2'-oxybis[1-chloropropan	45	4.745	4.750	-0.005	94	832152	2.00	2.63	
	23 N-Methylaniline	106	4.864	4.876	-0.012	79	597192	NC	NC	
	24 Acetophenone	105	4.871	4.884	-0.013	89	559976	2.00	2.13	
	25 N-Nitrosodi-n-propylamine	70	4.871	4.891	-0.020	85	335843	2.00	2.02	
	26 3 & 4 Methylphenol	108	4.894	4.906	-0.012	67	446074	2.00	2.06	
	21 4-Methylphenol	108	4.894	4.906	-0.012	92	441981	2.00	2.45	
	27 Hexachloroethane	117	4.983	4.987	-0.004	96	207742	2.00	2.26	
$	28 Nitrobenzene-d5	82	5.021	5.032	-0.012	88	526324	2.00	2.35	
	29 Nitrobenzene	77	5.042	5.054	-0.012	95	642930	2.00	2.23	
	30 n,n'-Dimethylaniline	120	5.049	5.061	-0.012	93	542644	2.00	2.24	
	31 Isophorone	82	5.281	5.300	-0.019	100	891076	2.00	2.23	
	32 2-Nitrophenol	139	5.363	5.375	-0.012	94	267573	2.00	2.28	
	33 2,4-Dimethylphenol	122	5.423	5.433	-0.010	91	357996	2.00	2.33	
	34 Bis(2-chloroethoxy)methane	93	5.505	5.514	-0.009	96	512456	2.00	2.35	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.513	5.585	-0.072	92	88910	2.00	1.93	
36 2,4-Dichlorophenol	162	5.625	5.629	-0.004	95	351842	2.00	2.32	
37 1,2,4-Trichlorobenzene	180	5.693	5.702	-0.009	94	361862	2.00	2.19	
* 38 Naphthalene-d8	136	5.753	5.762	-0.009	100	3438742	8.00	8.00	
39 Naphthalene	128	5.776	5.784	-0.008	99	1097562	2.00	2.16	
40 4-Chloroaniline	127	5.834	5.844	-0.010	96	509853	2.00	2.01	
41 Hexachlorobutadiene	225	5.909	5.912	-0.003	96	200760	2.00	2.19	
44 4-Chloro-3-methylphenol	107	6.335	6.340	-0.005	96	344643	2.00	2.39	
45 2-Methylnaphthalene	142	6.470	6.473	-0.003	86	771019	2.00	2.07	
46 1-Methylnaphthalene	142	6.567	6.579	-0.012	94	654968	2.00	2.05	
47 Hexachlorocyclopentadiene	237	6.635	6.646	-0.011	95	189349	2.00	2.07	
48 1,2,4,5-Tetrachlorobenzene	216	6.643	6.653	-0.010	98	356216	2.00	2.28	
49 2-tertbutyl-4-methylphenol	149	6.679	6.683	-0.004	93	461356	2.00	2.33	
50 2,4,6-Trichlorophenol	196	6.761	6.766	-0.005	90	226299	2.00	2.07	
51 2,4,5-Trichlorophenol	196	6.806	6.811	-0.005	96	234232	2.00	2.09	
$ 52 2-Fluorobiphenyl	172	6.836	6.848	-0.012	98	776315	2.00	2.21	
53 1,1'-Biphenyl	154	6.934	6.944	-0.010	96	850330	2.00	2.41	
54 2-Chloronaphthalene	162	6.957	6.967	-0.010	98	635925	2.00	2.30	
55 Phenyl ether	170	7.038	7.049	-0.011	85	412341	2.00	2.08	
57 2-Nitroaniline	65	7.061	7.072	-0.011	95	259454	2.00	2.28	
58 1,3-Dimethylnaphthalene	156	7.174	7.185	-0.011	94	511193	2.00	2.17	
59 Dimethyl phthalate	163	7.240	7.260	-0.020	99	706510	2.00	2.27	
60 Coumarin	146	7.261	7.276	-0.015	82	238890	2.00	2.20	
61 2,6-Dinitrotoluene	165	7.299	7.313	-0.014	95	196286	2.00	2.22	
62 Acenaphthylene	152	7.366	7.374	-0.008	97	1097462	2.00	2.53	
63 3-Nitroaniline	138	7.469	7.479	-0.010	97	215932	2.00	2.16	
* 64 Acenaphthene-d10	164	7.512	7.516	-0.004	94	1788901	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.527	7.539	-0.012	97	435105	2.00	2.10	
66 Acenaphthene	154	7.543	7.554	-0.011	95	664423	2.00	1.98	
67 2,4-Dinitrophenol	184	7.565	7.585	-0.020	92	160467	4.00	3.94	
69 4-Nitrophenol	65	7.670	7.683	-0.013	90	297590	4.00	4.57	
70 2,4-Dinitrotoluene	165	7.693	7.706	-0.013	97	246914	2.00	2.29	
71 Dibenzofuran	168	7.715	7.720	-0.005	96	900106	2.00	2.39	
72 2,3,4,6-Tetrachlorophenol	232	7.842	7.847	-0.005	96	197951	2.00	2.20	
73 Diethyl phthalate	149	7.940	7.952	-0.012	98	715404	2.00	2.38	
74 4-Chlorophenyl phenyl ethe	204	8.052	8.058	-0.006	76	337955	2.00	2.40	
75 Fluorene	166	8.052	8.058	-0.006	96	683428	2.00	2.43	
76 4-Nitroaniline	138	8.075	8.102	-0.027	90	197709	2.00	2.10	
77 4,6-Dinitro-2-methylphenol	198	8.105	8.125	-0.020	92	237219	4.00	4.04	
78 N-Nitrosodiphenylamine	169	8.165	8.186	-0.021	67	999960	3.40	3.86	
79 1,2-Diphenylhydrazine	77	8.203	8.216	-0.013	99	797475	2.00	2.41	
$ 80 2,4,6-Tribromophenol	330	8.293	8.305	-0.012	93	150887	2.00	2.22	
81 4-Bromophenyl phenyl ether	248	8.532	8.538	-0.006	92	221429	2.00	2.32	
82 Hexachlorobenzene	284	8.599	8.614	-0.015	94	259357	2.00	2.25	
84 Pentachlorophenol	266	8.801	8.807	-0.006	96	209120	4.00	3.87	
85 Pentachloronitrobenzene	237	8.808	8.821	-0.013	91	72707	2.00	2.16	
86 n-Octadecane	57	8.867	8.871	-0.004	94	543668	2.00	2.57	
* 87 Phenanthrene-d10	188	8.980	8.984	-0.004	98	2840741	8.00	8.00	
88 Phenanthrene	178	9.003	9.007	-0.004	97	894620	2.00	2.04	
89 Anthracene	178	9.048	9.058	-0.010	98	926053	2.00	2.10	
90 Carbazole	167	9.204	9.215	-0.011	97	886512	2.00	2.42	
91 Di-n-butyl phthalate	149	9.547	9.555	-0.008	100	1096688	2.00	2.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.173	10.177	-0.004	98	950249	2.00	2.48	
93 Benzidine	184	10.300	10.304	-0.004	99	422775	2.00	1.86	
94 Pyrene	202	10.397	10.409	-0.012	97	1009692	2.00	2.45	
95 Bisphenol-A	213	10.448	10.453	-0.005	0	301504	2.00	1.92	
$ 96 Terphenyl-d14	244	10.554	10.563	-0.009	99	665566	2.00	2.22	
97 Butyl benzyl phthalate	149	11.090	11.095	-0.005	96	410756	2.00	2.15	
99 Carbamazepine	193	11.216	11.228	-0.012	91	215023	2.00	1.68	
100 3,3'-Dichlorobenzidine	252	11.728	11.738	-0.010	97	247521	2.00	1.85	
101 Benzo[a]anthracene	228	11.758	11.766	-0.008	97	699674	2.00	2.07	
* 102 Chrysene-d12	240	11.772	11.780	-0.008	99	2197712	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.793	11.801	-0.008	89	488968	2.00	2.19	
104 Chrysene	228	11.800	11.815	-0.015	99	646446	2.00	2.15	
105 Di-n-octyl phthalate	149	12.664	12.666	-0.002	97	790399	2.00	2.30	
106 Benzo[b]fluoranthene	252	13.179	13.200	-0.021	97	552577	2.00	2.05	
107 Benzo[k]fluoranthene	252	13.217	13.238	-0.021	99	627849	2.00	2.22	
108 Benzo[a]pyrene	252	13.634	13.649	-0.015	97	524230	2.00	2.11	
* 109 Perylene-d12	264	13.720	13.731	-0.011	99	1958742	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.270	15.297	-0.027	99	465847	2.00	2.03	
111 Dibenz(a,h)anthracene	278	15.308	15.340	-0.032	95	463713	2.00	2.07	
112 Benzo[g,h,i]perylene	276	15.706	15.744	-0.038	99	470228	2.00	1.98	
S 119 Total Cresols	1				0			4.45	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL4_00028 Amount Added: 1.00 Units: mL

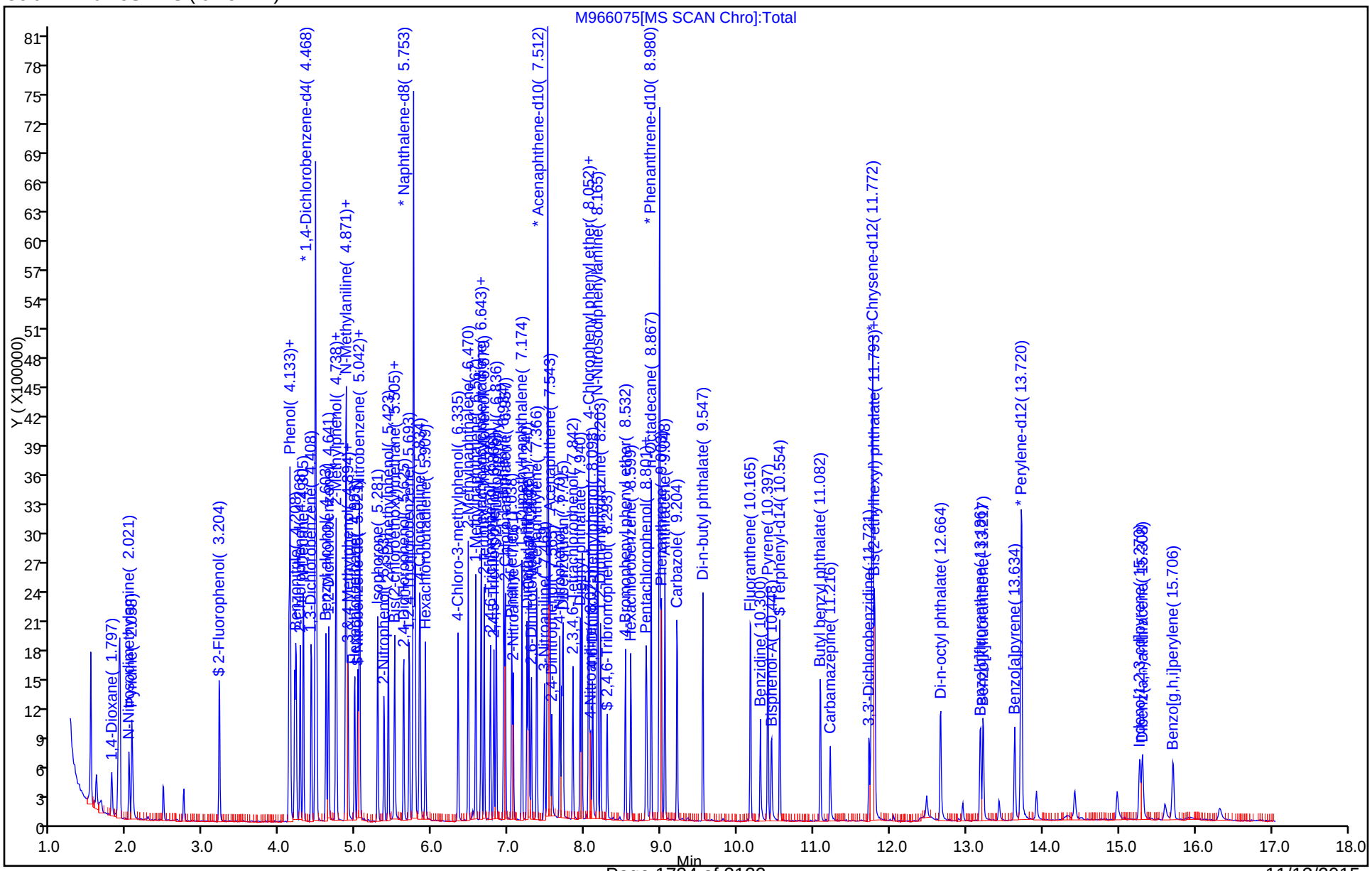
Report Date: 03-Nov-2015 21:56:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966075.D

Injection Date:	03-Nov-2015 18:53:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966076.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Nov-2015 19:14:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-007
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:32 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:38:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.797	1.795	0.002	96	91380	1.00	1.04	
2 N-Nitrosodimethylamine	74	2.028	2.025	0.003	88	154283	1.00	0.9900	
3 Pyridine	79	2.066	2.055	0.011	91	231290	1.00	1.05	
$ 4 2-Fluorophenol	112	3.208	3.210	-0.002	94	203134	1.00	0.9620	
$ 6 Phenol-d5	99	4.122	4.131	-0.009	92	305074	1.00	1.12	
7 Phenol	94	4.130	4.146	-0.016	86	333248	1.00	0.7763	
8 Aniline	93	4.137	4.146	-0.009	86	366516	1.00	1.17	
9 Bis(2-chloroethyl)ether	93	4.197	4.212	-0.015	94	257450	1.00	1.08	
10 Benzonitrile	103	4.212	4.235	-0.023	97	444568	NC	NC	
11 2-Chlorophenol	128	4.265	4.272	-0.008	94	226533	1.00	1.11	
12 n-Decane	43	4.309	4.317	-0.008	92	258557	1.00	1.14	
13 1,3-Dichlorobenzene	146	4.414	4.421	-0.007	95	241933	1.00	1.15	
* 14 1,4-Dichlorobenzene-d4	152	4.466	4.474	-0.008	96	1151615	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.481	4.489	-0.008	95	227104	1.00	1.13	
17 Benzyl alcohol	108	4.607	4.616	-0.009	93	143260	1.00	1.07	
18 1,2-Dichlorobenzene	146	4.637	4.646	-0.009	94	234277	1.00	0.8746	
19 2-Methylphenol	108	4.734	4.742	-0.008	91	203365	1.00	1.16	
20 2,2'-oxybis[1-chloropropan	45	4.741	4.750	-0.009	94	401759	1.00	1.20	
23 N-Methylaniline	106	4.861	4.876	-0.015	80	328460	NC	NC	
24 Acetophenone	105	4.869	4.884	-0.015	89	279329	1.00	0.6913	
25 N-Nitrosodi-n-propylamine	70	4.869	4.891	-0.022	85	166551	1.00	0.9716	
26 3 & 4 Methylphenol	108	4.891	4.906	-0.015	67	228499	1.00	0.7104	
21 4-Methylphenol	108	4.891	4.906	-0.015	95	225070	1.00	1.21	
27 Hexachloroethane	117	4.980	4.987	-0.007	94	99784	1.00	1.05	
$ 28 Nitrobenzene-d5	82	5.025	5.032	-0.007	86	225316	1.00	0.9653	
29 Nitrobenzene	77	5.040	5.054	-0.014	94	334725	1.00	1.11	
30 n,n'-Dimethylaniline	120	5.047	5.061	-0.014	93	303152	1.00	1.19	
31 Isophorone	82	5.278	5.300	-0.022	100	446840	1.00	1.07	
32 2-Nitrophenol	139	5.367	5.375	-0.008	92	125584	1.00	1.02	
33 2,4-Dimethylphenol	122	5.419	5.433	-0.014	89	181593	1.00	1.14	
34 Bis(2-chloroethoxy)methane	93	5.501	5.514	-0.013	96	260321	1.00	1.14	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.494	5.585	-0.091	63	26789	1.00	1.26	M
36 2,4-Dichlorophenol	162	5.621	5.629	-0.008	95	177428	1.00	1.12	
37 1,2,4-Trichlorobenzene	180	5.694	5.702	-0.008	94	180092	1.00	1.05	
* 38 Naphthalene-d8	136	5.754	5.762	-0.008	100	3587981	8.00	8.00	
39 Naphthalene	128	5.770	5.784	-0.014	98	532991	1.00	0.7917	
40 4-Chloroaniline	127	5.830	5.844	-0.014	96	259199	1.00	0.7724	
41 Hexachlorobutadiene	225	5.905	5.912	-0.007	95	99436	1.00	1.04	
44 4-Chloro-3-methylphenol	107	6.335	6.340	-0.005	96	167747	1.00	1.11	
45 2-Methylnaphthalene	142	6.470	6.473	-0.003	86	371034	1.00	0.7799	
46 1-Methylnaphthalene	142	6.567	6.579	-0.012	93	351216	1.00	0.9067	
47 Hexachlorocyclopentadiene	237	6.633	6.646	-0.013	96	90627	1.00	0.9746	
48 1,2,4,5-Tetrachlorobenzene	216	6.641	6.653	-0.012	97	176589	1.00	1.11	
49 2-tertbutyl-4-methylphenol	149	6.678	6.683	-0.005	93	240496	1.00	1.16	
50 2,4,6-Trichlorophenol	196	6.761	6.766	-0.005	91	119442	1.00	1.07	
51 2,4,5-Trichlorophenol	196	6.806	6.811	-0.005	97	121026	1.00	1.06	
$ 52 2-Fluorobiphenyl	172	6.836	6.848	-0.012	98	378041	1.00	1.05	
53 1,1'-Biphenyl	154	6.934	6.944	-0.010	96	417886	1.00	1.16	
54 2-Chloronaphthalene	162	6.956	6.967	-0.011	98	317430	1.00	1.13	
55 Phenyl ether	170	7.039	7.049	-0.010	87	236145	1.00	1.17	
57 2-Nitroaniline	65	7.061	7.072	-0.011	96	127382	1.00	1.10	
58 1,3-Dimethylnaphthalene	156	7.174	7.185	-0.011	94	274766	1.00	1.14	
59 Dimethyl phthalate	163	7.241	7.260	-0.019	99	361284	1.00	1.14	
60 Coumarin	146	7.256	7.276	-0.020	83	133283	1.00	1.18	
61 2,6-Dinitrotoluene	165	7.294	7.313	-0.019	95	90779	1.00	1.01	
62 Acenaphthylene	152	7.368	7.374	-0.006	98	512942	1.00	1.16	
63 3-Nitroaniline	138	7.464	7.479	-0.015	96	98956	1.00	0.9712	
* 64 Acenaphthene-d10	164	7.508	7.516	-0.008	93	1822632	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.531	7.539	-0.008	97	236122	1.00	1.12	
66 Acenaphthene	154	7.538	7.554	-0.016	95	332177	1.00	0.8281	
67 2,4-Dinitrophenol	184	7.567	7.585	-0.019	90	49697	2.00	2.02	
69 4-Nitrophenol	65	7.672	7.683	-0.011	90	135532	2.00	2.04	
70 2,4-Dinitrotoluene	165	7.694	7.706	-0.012	96	118702	1.00	1.08	
71 Dibenzofuran	168	7.709	7.720	-0.011	97	442458	1.00	1.15	
72 2,3,4,6-Tetrachlorophenol	232	7.844	7.847	-0.003	95	84639	1.00	0.9234	
73 Diethyl phthalate	149	7.934	7.952	-0.018	98	347765	1.00	1.14	
74 4-Chlorophenyl phenyl ethe	204	8.045	8.058	-0.013	84	169331	1.00	1.18	
75 Fluorene	166	8.053	8.058	-0.005	96	349412	1.00	1.22	
76 4-Nitroaniline	138	8.067	8.102	-0.035	91	97930	1.00	1.02	
77 4,6-Dinitro-2-methylphenol	198	8.097	8.125	-0.028	92	95960	2.00	1.75	
78 N-Nitrosodiphenylamine	169	8.165	8.186	-0.021	66	510458	1.70	1.89	
79 1,2-Diphenylhydrazine	77	8.201	8.216	-0.015	99	412689	1.00	1.18	
$ 80 2,4,6-Tribromophenol	330	8.291	8.305	-0.014	93	67206	1.00	0.9720	
81 4-Bromophenyl phenyl ether	248	8.531	8.538	-0.007	93	107464	1.00	1.08	
82 Hexachlorobenzene	284	8.604	8.614	-0.010	95	133030	1.00	1.11	
84 Pentachlorophenol	266	8.798	8.807	-0.009	95	70509	2.00	1.71	
85 Pentachloronitrobenzene	237	8.806	8.821	-0.015	90	37298	1.00	1.07	
86 n-Octadecane	57	8.866	8.871	-0.005	95	267805	1.00	1.19	
* 87 Phenanthrene-d10	188	8.978	8.984	-0.006	98	2956145	8.00	8.00	
88 Phenanthrene	178	9.001	9.007	-0.006	97	452492	1.00	0.7005	
89 Anthracene	178	9.046	9.058	-0.012	98	462168	1.00	0.7037	
90 Carbazole	167	9.203	9.215	-0.012	97	451193	1.00	1.18	
91 Di-n-butyl phthalate	149	9.547	9.555	-0.009	100	550850	1.00	0.7083	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	10.166	10.177	-0.011	98	466976	1.00	1.15	
93 Benzidine	184	10.301	10.304	-0.003	99	210815	1.00	0.8905	
94 Pyrene	202	10.398	10.409	-0.011	97	510526	1.00	1.21	
95 Bisphenol-A	213	10.450	10.453	-0.003	0	137296	1.00	0.8528	
$ 96 Terphenyl-d14	244	10.553	10.563	-0.010	99	298373	1.00	0.9718	
97 Butyl benzyl phthalate	149	11.088	11.095	-0.007	97	198653	1.00	1.01	
99 Carbamazepine	193	11.214	11.228	-0.014	93	109795	1.00	0.8377	
100 3,3'-Dichlorobenzidine	252	11.726	11.738	-0.012	98	119670	1.00	0.8735	
101 Benzo[a]anthracene	228	11.756	11.766	-0.010	98	345402	1.00	1.00	
* 102 Chrysene-d12	240	11.770	11.780	-0.010	99	2252888	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.791	11.801	-0.010	89	224228	1.00	0.9783	
104 Chrysene	228	11.799	11.815	-0.016	99	326136	1.00	1.06	
105 Di-n-octyl phthalate	149	12.663	12.666	-0.003	97	367866	1.00	1.07	
106 Benzo[b]fluoranthene	252	13.182	13.200	-0.018	98	271057	1.00	1.00	
107 Benzo[k]fluoranthene	252	13.219	13.238	-0.019	99	289829	1.00	1.02	
108 Benzo[a]pyrene	252	13.636	13.649	-0.013	97	249680	1.00	1.00	
* 109 Perylene-d12	264	13.726	13.731	-0.005	99	1969325	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.273	15.297	-0.024	98	211757	1.00	0.9189	M
111 Dibenz(a,h)anthracene	278	15.311	15.340	-0.029	97	213391	1.00	0.9459	
112 Benzo[g,h,i]perylene	276	15.707	15.744	-0.037	99	215283	1.00	0.9030	
S 119 Total Cresols	1				0			1.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00022 Amount Added: 1.00 Units: mL

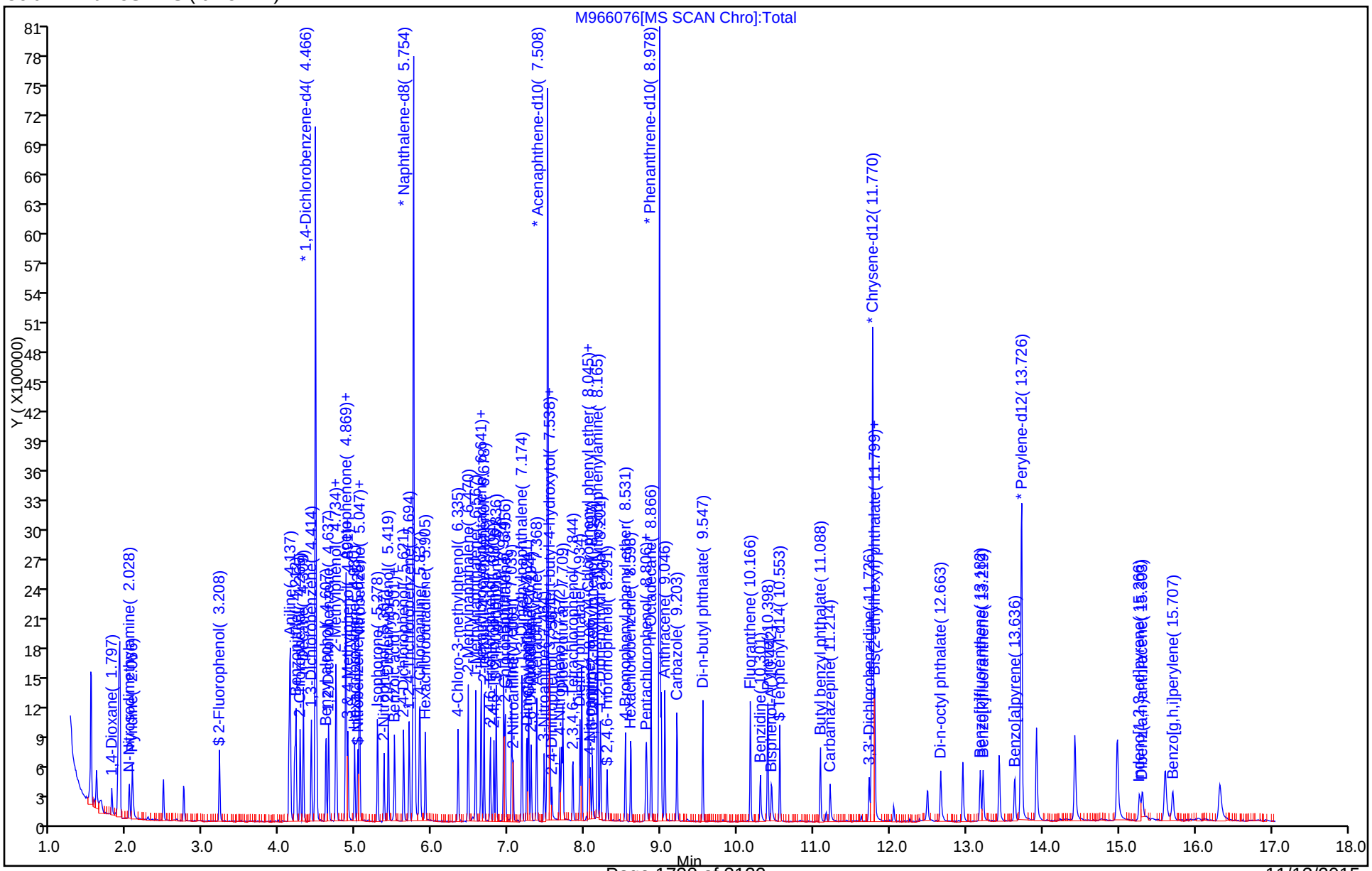
Report Date: 03-Nov-2015 21:56:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966076.D

Injection Date:	03-Nov-2015 19:14:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	7
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966077.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Nov-2015 19:35:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-008
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:40 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 19:42:37

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.213	3.210	0.003	97	45334	0.2000	0.2220	
$ 6 Phenol-d5	99	4.119	4.131	-0.012	89	56789	0.2000	0.2156	
9 Bis(2-chloroethyl)ether	93	4.194	4.212	-0.018	94	54533	0.2000	0.2357	
* 14 1,4-Dichlorobenzene-d4	152	4.463	4.474	-0.011	97	1113801	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.866	4.891	-0.025	90	39099	0.2000	0.2358	
27 Hexachloroethane	117	4.979	4.987	-0.009	93	19631	0.2000	0.2139	
$ 28 Nitrobenzene-d5	82	5.023	5.032	-0.009	87	46712	0.2000	0.2079	
29 Nitrobenzene	77	5.045	5.054	-0.009	94	65941	0.2000	0.2280	
30 n,n'-Dimethylaniline	120	5.045	5.061	-0.016	93	61822	0.2000	0.2472	
31 Isophorone	82	5.283	5.300	-0.017	99	92969	0.2000	0.2314	
37 1,2,4-Trichlorobenzene	180	5.698	5.702	-0.004	93	38276	0.2000	0.2312	
* 38 Naphthalene-d8	136	5.751	5.762	-0.011	100	3453240	8.00	8.00	
41 Hexachlorobutadiene	225	5.908	5.912	-0.004	95	21477	0.2000	0.2333	
50 2,4,6-Trichlorophenol	196	6.757	6.766	-0.009	90	21676	0.2000	0.2056	
$ 52 2-Fluorobiphenyl	172	6.839	6.848	-0.009	98	79802	0.2000	0.2348	
61 2,6-Dinitrotoluene	165	7.294	7.313	-0.019	94	18280	0.2000	0.2137	
* 64 Acenaphthene-d10	164	7.511	7.516	-0.005	94	1727723	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.697	7.706	-0.009	92	20294	0.2000	0.1952	
77 4,6-Dinitro-2-methylphenol	198	8.093	8.125	-0.032	92	6960	0.4000	0.4075	
78 N-Nitrosodiphenylamine	169	8.160	8.186	-0.026	65	106799	0.3400	0.3943	
$ 80 2,4,6-Tribromophenol	330	8.288	8.305	-0.017	91	11776	0.2000	0.1797	
82 Hexachlorobenzene	284	8.601	8.614	-0.013	94	25997	0.2000	0.2162	
* 87 Phenanthrene-d10	188	8.975	8.984	-0.009	98	2969908	8.00	8.00	
$ 96 Terphenyl-d14	244	10.552	10.563	-0.011	99	70532	0.2000	0.2256	
100 3,3'-Dichlorobenzidine	252	11.726	11.738	-0.012	96	21813	0.2000	0.1563	
101 Benzo[a]anthracene	228	11.756	11.766	-0.010	96	77135	0.2000	0.2190	
* 102 Chrysene-d12	240	11.770	11.780	-0.010	99	2294593	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.792	11.801	-0.009	91	45350	0.2000	0.1943	
104 Chrysene	228	11.800	11.815	-0.015	99	67650	0.2000	0.2156	
106 Benzo[b]fluoranthene	252	13.185	13.200	-0.015	98	51360	0.2000	0.2060	
107 Benzo[k]fluoranthene	252	13.222	13.238	-0.016	98	59381	0.2000	0.2278	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.634	13.649	-0.015	95	47210	0.2000	0.2055	
* 109 Perylene-d12	264	13.723	13.731	-0.008	99	1808460	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.266	15.297	-0.031	98	35823	0.2000	0.1693	
111 Dibenz(a,h)anthracene	278	15.304	15.340	-0.036	95	38079	0.2000	0.1838	

Reagents:

SM_BNAL2_00019 Amount Added: 1.00 Units: mL

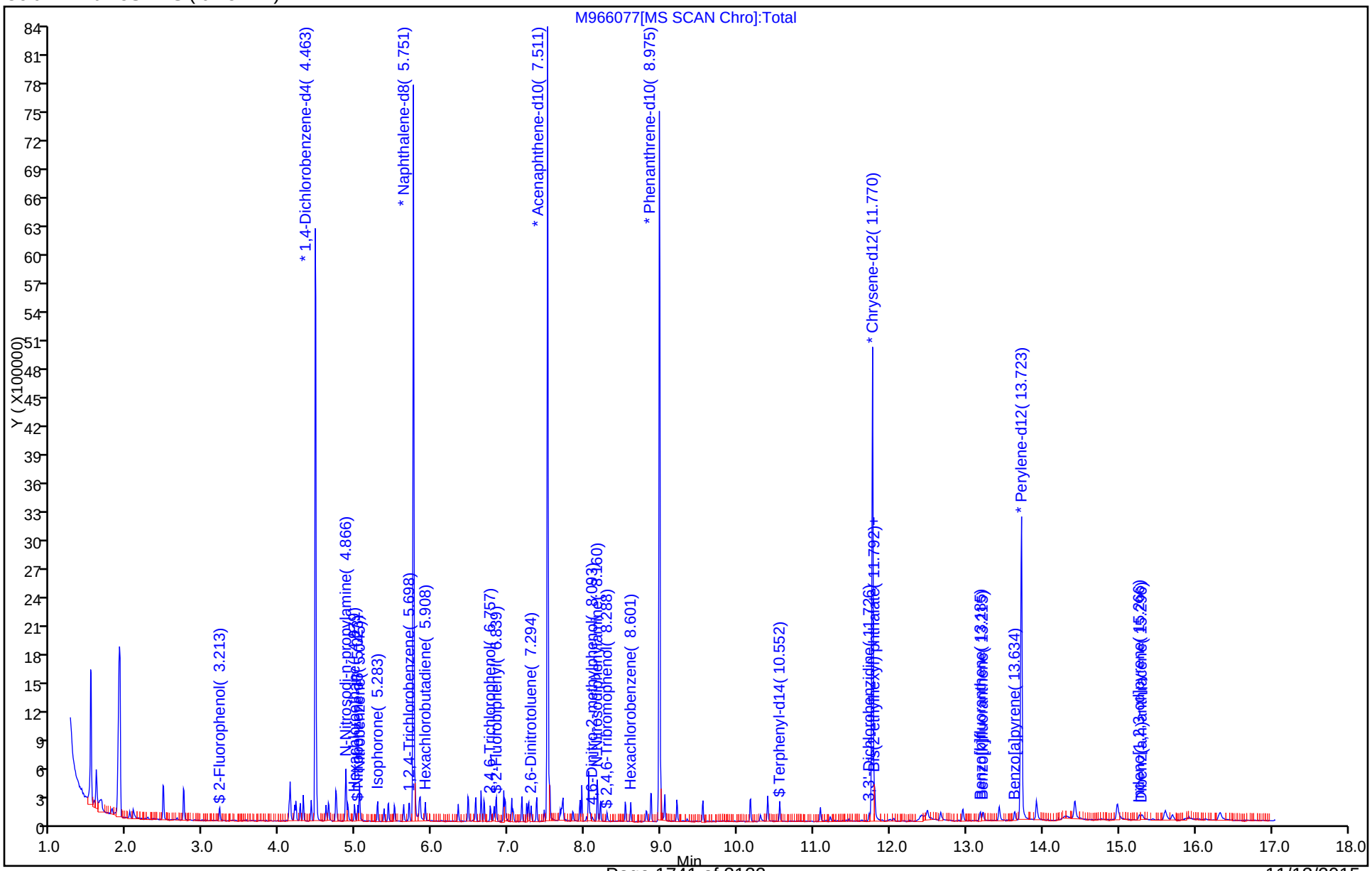
Report Date: 03-Nov-2015 21:56:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966077.D

Injection Date:	03-Nov-2015 19:35:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Nov-2015 19:56:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-009
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:56:46 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: bayoumiw Date: 03-Nov-2015 20:36:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	4.197	4.212	-0.015	95	28274	0.1000	0.1174	
* 14 1,4-Dichlorobenzene-d4	152	4.466	4.474	-0.008	96	1159198	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.868	4.891	-0.023	72	21089	0.1000	0.1222	
27 Hexachloroethane	117	4.980	4.987	-0.007	93	11457	0.1000	0.1199	
$ 28 Nitrobenzene-d5	82	5.024	5.032	-0.008	87	25814	0.1000	0.1139	
29 Nitrobenzene	77	5.039	5.054	-0.015	92	35974	0.1000	0.1233	
30 n,n'-Dimethylaniline	120	5.047	5.061	-0.014	94	32605	0.1000	0.1250	
37 1,2,4-Trichlorobenzene	180	5.694	5.702	-0.008	92	19169	0.1000	0.1147	
* 38 Naphthalene-d8	136	5.754	5.762	-0.008	100	3484618	8.00	8.00	
41 Hexachlorobutadiene	225	5.910	5.912	-0.002	95	10507	0.1000	0.1131	
$ 52 2-Fluorobiphenyl	172	6.835	6.848	-0.013	97	40212	0.1000	0.1154	
* 64 Acenaphthene-d10	164	7.510	7.516	-0.006	96	1771933	8.00	8.00	
82 Hexachlorobenzene	284	8.598	8.614	-0.016	93	14146	0.1000	0.1169	
* 87 Phenanthrene-d10	188	8.977	8.984	-0.007	99	2987440	8.00	8.00	
$ 96 Terphenyl-d14	244	10.556	10.563	-0.007	98	32076	0.1000	0.1018	
101 Benzo[a]anthracene	228	11.757	11.766	-0.009	97	41976	0.1000	0.1183	
* 102 Chrysene-d12	240	11.771	11.780	-0.009	99	2311952	8.00	8.00	
106 Benzo[b]fluoranthene	252	13.180	13.200	-0.020	98	28615	0.1000	0.1112	
107 Benzo[k]fluoranthene	252	13.218	13.238	-0.020	95	29579	0.1000	0.1099	
108 Benzo[a]pyrene	252	13.633	13.649	-0.016	98	25213	0.1000	0.1064	
* 109 Perylene-d12	264	13.722	13.731	-0.009	99	1866253	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	15.270	15.297	-0.027	96	20694	0.1000	0.0948	
111 Dibenz(a,h)anthracene	278	15.308	15.340	-0.032	35	21091	0.1000	0.0987	M

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00018 Amount Added: 1.00 Units: mL

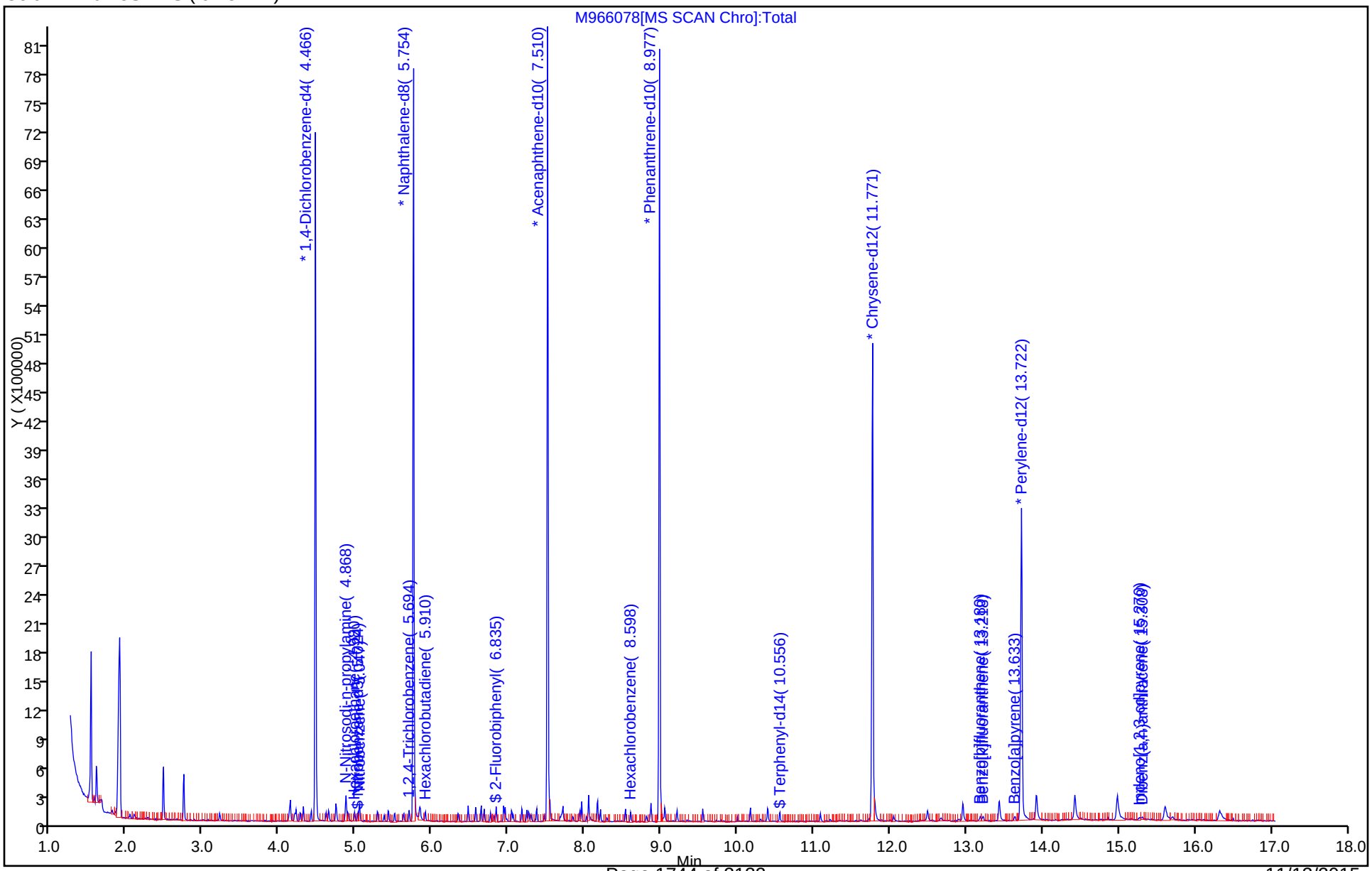
Report Date: 03-Nov-2015 21:56:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Injection Date:	03-Nov-2015 19:56:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-334749/9	M966468.D
Level 2	STD02 460-334749/8	M966467.D
Level 3	STD1 460-334749/7	M966466.D
Level 4	STD2 460-334749/6	M966465.D
Level 5	STD4 460-334749/5	M966464.D
Level 6	ICIS 460-334749/2	M966461.D
Level 7	STD16 460-334749/4	M966463.D
Level 8	STD24 460-334749/3	M966462.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 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6150	0.5503	0.6357 0.5504	0.6527	0.6663	Ave		0.6117				8.3		20.0			
N-Nitrosodimethylamine	1.1738	1.0855	1.2389 1.0565	1.2275	1.2837	Ave		1.1777				7.7		20.0			
Pyridine	1.6178	1.4199	1.7003 1.4908	1.7784	1.8805	Ave		1.6479				10.6		20.0			
Aniline	2.4230	2.2129	2.9007 2.3021	2.9956	2.8357	Ave		2.6117				12.9		20.0			
Phenol	2.0089	1.7298	2.4965 1.5865	2.3616	2.5206	Ave		2.1173			0.8000	19.0		20.0			
Bis(2-chloroethyl)ether	2.4457 1.5346	2.3366 1.3946	2.0210 +++++	1.9559	1.8839	Ave		1.9389			0.7000	19.8		20.0			
2-Chlorophenol	1.3155	1.1731	1.5920 1.1773	1.6264	1.5855	Ave		1.4117			0.8000	15.2		20.0			
n-Decane	1.7371	1.4311	2.4416 1.3380	2.4206	2.1725	QuaF		1.9740	-0.027566						0.9910		0.9900
1,3-Dichlorobenzene	1.3867	1.2168	1.6421 1.2021	1.6557	1.6029	Ave		1.4510				14.5		20.0			
1,4-Dichlorobenzene	1.3035	1.1852	1.5771 1.1400	1.5661	1.5492	Ave		1.3869				14.5		20.0			
Benzyl alcohol	1.0131	0.8602	1.1064 0.8886	1.1535	1.1151	Ave		1.0228				12.1		20.0			
1,2-Dichlorobenzene	1.2349	1.0807	1.7095 1.0494	1.6007	1.4940	QuaF		1.3491	-0.013113						0.9950		0.9900
2,2'-oxybis[1-chloropropane]	3.0804	2.6544	3.9014 +++++	3.9353	3.8150	Ave		3.4773			0.0100	16.6		20.0			
2-Methylphenol	1.3101	1.2296	1.6977 1.2668	1.5428	1.5206	Ave		1.4279			0.7000	13.1		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

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 8	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.7051	1.5106	2.3264 +++++	2.2504	2.1617	Ave		1.9908			0.0100	18.1		20.0			
N-Nitrosodi-n-propylamine	1.7195 1.1768	1.7703 0.9949	1.5165 +++++	1.5168	1.4853	Ave		1.4543			0.5000	19.2		20.0			
3 & 4 Methylphenol	1.3968	1.2555	1.7084 1.1519	1.6873	1.6949	Ave		1.4825				16.7		20.0			
4-Methylphenol	1.3790	1.2373	1.6781 1.1362	1.6601	1.6636	Ave		1.4591			0.6000	16.5		20.0			
Hexachloroethane	0.9342 0.6614	0.8941 0.5851	0.7745 0.5679	0.7610	0.7639	Ave		0.7428			0.3000	17.9		20.0			
Nitrobenzene	1.0602 0.6290	0.9787 0.5472	0.9594 +++++	0.9036	0.7686	QuaF		0.8243	-0.017584		0.2000				0.9980		0.9900
n,n'-Dimethylaniline	2.4936 1.5507	2.3008 1.2971	2.2729 +++++	1.9414	1.8817	QuaF		2.0311	-0.046127						1.0000		0.9900
Isophorone	0.9988	1.2733 0.9695	1.2807 0.9325	1.3799	1.1353	Ave		1.1386			0.4000	15.5		20.0			
2-Nitrophenol	0.2593	0.2518	0.3162 0.2315	0.3224	0.3023	Ave		0.2806			0.1000	13.5		20.0			
2,4-Dimethylphenol	0.3240	0.3131	0.4345 0.2898	0.4319	0.4048	Ave		0.3663			0.2000	17.6		20.0			
Bis(2-chloroethoxy)methane	0.5455	0.4985	0.6795 0.4600	0.6981	0.6411	Ave		0.5871			0.3000	16.9		20.0			
Benzoic acid	0.2082	0.2171	0.0789 0.2117	0.1533	0.1813	Lin2	-0.142	0.2213			0.0100				1.0000		0.9900
2,4-Dichlorophenol	0.3306	0.3075	0.3915 0.2803	0.4283	0.3827	Ave		0.3535			0.2000	15.9		20.0			
1,2,4-Trichlorobenzene	0.4187 0.3623	0.4067 0.3242	0.4016 0.2945	0.4213	0.3804	Ave		0.3762				12.3		20.0			
Naphthalene	0.8929	0.7773	1.1843 +++++	1.2769	1.0853	Ave		1.0433			0.7000	19.7		20.0			
4-Chloroaniline	0.4556	0.4178	0.5605 0.3727	0.6246	0.5444	Ave		0.4959			0.0100	19.3		20.0			
Hexachlorobutadiene	0.2135 0.1994	0.2133 0.1870	0.2293 0.1646	0.2401	0.2123	Ave		0.2074			0.0100	11.5		20.0			
4-Chloro-3-methylphenol	0.3575	0.3335	0.4399 0.2980	0.4850	0.4315	Ave		0.3909			0.2000	18.4		20.0			
2-Methylnaphthalene	0.6536	0.6063	0.8739 0.5383	0.9016	0.7846	Qua	0.3224	0.7056	-0.007539		0.4000				1.0000		0.9900
1-Methylnaphthalene	0.5741	0.5467	0.7527 0.4849	0.7981	0.7177	Ave		0.6457				19.7		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

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 8	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.4346	0.3496	0.3484 0.3641	0.3480	0.3602	Ave		0.3675			0.0500	9.1		20.0			
1,2,4,5-Tetrachlorobenzene	0.6349	0.6166	0.7798 0.5809	0.7654	0.7480	Ave		0.6876			0.0100	12.6		20.0			
2-tertbutyl-4-methylphenol	0.4588	0.4120	0.5987 0.3787	0.5582	0.5215	Ave		0.4880				17.6		20.0			
2,4,6-Trichlorophenol	0.4559	0.5218 0.4422	0.5036 0.4554	0.5185	0.5110	Ave		0.4869			0.2000	7.0		20.0			
2,4,5-Trichlorophenol	0.4370	0.4014	0.5196 0.3937	0.5439	0.4932	Ave		0.4648			0.2000	13.6		20.0			
Diphenyl	1.5342	1.3426	2.0028 1.2276	1.9164	1.7728	Ave		1.6327			0.0100	19.3		20.0			
2-Chloronaphthalene	1.1422	1.0660	1.4837 1.0155	1.4467	1.3661	Ave		1.2534			0.8000	16.2		20.0			
Phenyl ether	0.8590	0.8022	1.0281 0.7924	0.9255	0.9445	Ave		0.8920				10.2		20.0			
2-Nitroaniline	0.5661	0.5521	0.6923 0.5547	0.6859	0.6546	Ave		0.6176			0.0100	10.9		20.0			
1,3-Dimethylnaphthalene	1.0100	0.9354	1.2532 0.9061	1.1672	1.1461	Ave		1.0697				13.0		20.0			
Dimethyl phthalate	1.2812	1.2162	1.7789 1.2502	1.7124	1.5456	Ave		1.4641			0.0100	17.0		20.0			
Coumarin	0.2283	0.2027	0.3214 0.1909	0.3014	0.2660	Qua	0.1456	0.2268	-0.001786						0.9990		0.9900
2,6-Dinitrotoluene	0.3751	0.4556 0.3689	0.4451 0.3516	0.4455	0.4210	Ave		0.4090			0.2000	10.5		20.0			
Acenaphthylene	1.7929	1.6510	2.4167 1.6139	2.4957	2.2146	Ave		2.0308			0.9000	19.4		20.0			
3-Nitroaniline	0.4176	0.4110	0.5137 0.4012	0.5084	0.4814	Ave		0.4555			0.0100	11.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.8900	0.7693	1.0650 0.7148	0.8636	0.9482	Ave		0.8752				14.3		20.0			
Acenaphthene	0.9379	0.8601	1.3462 0.7735	1.2911	1.2151	Qua	0.6441	0.9867	-0.010086		0.9000				0.9990		0.9900
2,4-Dinitrophenol	0.2495	0.2485	0.1738 0.2615	0.2346	0.2490	Ave		0.2362			0.0100	13.4		20.0			
2,4-Dinitrotoluene	0.4260	0.5275 0.3917	0.5691 0.3657	0.5515	0.5218	Ave		0.4791			0.2000	17.2		20.0			
Dibenzofuran	1.4735	1.3553	2.1200 +++++	1.9943	1.8904	Ave		1.7667			0.8000	18.9		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

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 8	LVL 4	LVL 5		B	M1	M2								
4-Nitrophenol	0.3612	0.3061	0.4057 0.3100	0.4047	0.3932	Ave		0.3635			0.0100	12.6		20.0			
2,3,4,6-Tetrachlorophenol	0.3806	0.3697	0.4258 0.3586	0.4456	0.4406	Ave		0.4035			0.0100	9.5		20.0			
Diethyl phthalate	1.2293	1.0562	1.9082 0.9804	1.7383	1.6218	QuaF		1.4250	-0.019225		0.0100				0.9910		0.9900
4-Chlorophenyl phenyl ether	0.5344	0.4669	0.7390 +++++	0.7214	0.6815	Ave		0.6287			0.4000	19.3		20.0			
Fluorene	1.0938	0.9444	1.5941 0.8936	1.4859	1.3908	QuaF		1.2363	-0.014875		0.9000				0.9930		0.9900
4-Nitroaniline	0.3644	0.3322	0.4247 0.3138	0.4481	0.4227	Ave		0.3843			0.0100	14.4		20.0			
4,6-Dinitro-2-methylphenol	0.1875	0.1391 0.1728	0.1703 0.1724	0.1774	0.1887	Ave		0.1726			0.0100	9.6		20.0			
N-Nitrosodiphenylamine	0.6506	0.8908 0.5609	0.8424 +++++	0.8107	0.7507	Ave		0.7510			0.0100	16.6		20.0			
1,2-Diphenylhydrazine	1.1176	0.9701	1.3998 0.9328	1.4359	1.2684	QuaF		1.2115	-0.012094						0.9960		0.9900
4-Bromophenyl phenyl ether	0.2697	0.2240	0.2775 0.2235	0.2782	0.2924	Ave		0.2609			0.1000	11.4		20.0			
Hexachlorobenzene	0.3079 0.3080	0.3411 0.2739	0.3310 0.2561	0.3588	0.3187	Ave		0.3119			0.1000	10.9		20.0			
Pentachloronitrobenzene	0.1100	0.0945	0.1068 0.0891	0.1118	0.1130	Ave		0.1042			0.0100	9.6		20.0			
Pentachlorophenol	0.1592	0.1306	0.1115 0.1210	0.1373	0.1574	Ave		0.1362			0.0500	14.1		20.0			
n-Octadecane	0.7186	0.5978	1.0639 0.5123	0.9397	0.8647	Qua	0.4002	0.7803	-0.011991						0.9990		0.9900
Phenanthrene	0.9807	0.8912	1.2112 0.7811	1.1816	1.1038	Ave		1.0250			0.7000	16.6		20.0			
Anthracene	1.0083	0.8717	1.2129 0.8099	1.1649	1.1363	Ave		1.0340			0.7000	16.0		20.0			
Carbazole	0.9929	0.8732	1.2504 0.8238	1.2039	1.0992	Ave		1.0406			0.0100	16.7		20.0			
Di-n-butyl phthalate	1.2453	1.0838	1.6268 0.9693	1.6293	1.4640	Qua	0.5927	1.3253	-0.016055		0.0100				0.9990		0.9900
Fluoranthene	1.0179	0.8877	1.2029 0.8121	1.2246	1.1102	Ave		1.0426			0.6000	16.1		20.0			
Benzidine	0.6488	0.5583	0.3812 0.5585	0.4099	0.5405	Ave		0.5162				19.6		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

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 8	LVL 4	LVL 5		B	M1	M2								
Pyrene	1.3987	1.3140	1.6980 1.3005	1.7620	1.5573	Ave		1.5051			0.6000	13.1		20.0			
Bisphenol-A	0.6337	0.6386	0.5551 0.6305	0.6132	0.5785	Ave		0.6083				5.6		20.0			
Butyl benzyl phthalate	0.7416	0.7324	0.8186 0.7053	0.8566	0.7851	Ave		0.7733			0.0100	7.4		20.0			
2,3,7,8-TCDD	0.2086					Ave		0.2086						20.0			
Carbamazepine	0.4762	0.4876	0.4045 0.4910	0.3988	0.4599	Ave		0.4530				9.1		20.0			
3,3'-Dichlorobenzidine	0.4900	0.3557 0.4963	0.3945 0.4740	0.3962	0.4915	Ave		0.4426			0.0100	13.2		20.0			
Benzo[a]anthracene	1.4704 1.0889	1.3225 1.0750	1.1701 1.0293	1.2449	1.1469	Ave		1.1935			0.8000	12.3		20.0			
Bis(2-ethylhexyl) phthalate	0.8532	0.9600 0.8126	0.9468 0.7670	1.0378	0.9680	Ave		0.9065			0.0100	10.7		20.0			
Chrysene	0.9555	1.1220 0.8446	1.0780 0.8374	1.1834	1.0784	Ave		1.0142			0.7000	13.5		20.0			
Di-n-octyl phthalate	1.5975	1.5315	1.8506 1.3561	1.9451	1.8412	Ave		1.6870			0.0100	13.5		20.0			
Benzo[b]fluoranthene	1.1921 1.0053	1.1289 1.0960	1.0522 1.2127	1.2419	1.1239	Ave		1.1316			0.7000	7.2		20.0			
Benzo[k]fluoranthene	1.4339 1.0693	1.3702 1.1204	1.2304 0.9261	1.3090	1.2065	Ave		1.2082			0.7000	13.8		20.0			
Benzo[a]pyrene	1.1307 0.9947	1.1091 1.0286	1.0326 0.9858	1.1709	1.1117	Ave		1.0705			0.7000	6.4		20.0			
Indeno[1,2,3-cd]pyrene	0.8055 0.8920	0.8332 1.1056	0.9378 1.1514	1.0243	0.9645	Ave		0.9643			0.5000	12.8		20.0			
Dibenz(a,h)anthracene	0.8086 0.8809	0.8695 1.0213	0.8657 0.9912	1.0021	0.9506	Ave		0.9237			0.4000	8.4		20.0			
Benzo[g,h,i]perylene	0.9237	1.0400	0.8936 1.0844	0.9563	0.9521	Ave		0.9750			0.5000	7.4		20.0			
2-Fluorophenol	1.5632	1.6475 1.4722	1.4815 1.3725	1.6993	1.6611	Ave		1.5568				7.7		20.0			
Phenol-d5	1.8377	2.4474 1.6293	2.0407 1.5826	2.2485	2.2348	Ave		2.0030				16.5		20.0			
Nitrobenzene-d5	0.6441 0.5581	0.6861 0.5181	0.6028 0.4526	0.6968	0.6290	Ave		0.5985				14.1		20.0			
2-Fluorobiphenyl	1.9026 1.3095	1.9037 1.2577	1.6553 1.1764	1.7483	1.6268	Ave		1.5725				18.4		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

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 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Tribromophenol	0.2634	0.2974 0.2873	0.3035 0.2658	0.3134	0.3296	Ave		0.2943				8.2		20.0			
Terphenyl-d14	1.3157 1.0376	1.2191 0.9977	1.0437 0.8845	1.1236	1.1210	Ave		1.0928				12.2		20.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-334749/9	M966468.D
Level 2	STD02 460-334749/8	M966467.D
Level 3	STD1 460-334749/7	M966466.D
Level 4	STD2 460-334749/6	M966465.D
Level 5	STD4 460-334749/5	M966464.D
Level 6	ICIS 460-334749/2	M966461.D
Level 7	STD16 460-334749/4	M966463.D
Level 8	STD24 460-334749/3	M966462.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	550428	781566	57903 1092943	119039	224132	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCB	Ave	1050556	1541715	112854 2097919	223878	431808	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCB	Ave	1447873	2016630	154881 2960155	324346	632557	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCB	Ave	2168521	3142911	264227 4571173	546329	953860	10.0	16.0	1.00 24.0	2.00	4.00
Phenol	DCB	Ave	1797940	2456809	227411 3150299	430713	847874	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCB	Ave	21727 1373440	39522 1980721	184094 +++++	356708	633701	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
2-Chlorophenol	DCB	Ave	1177386	1666147	145018 2337779	296625	533329	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCB	QuaF	1554693	2032518	222411 2656881	441469	730779	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCB	Ave	1241083	1728250	149578 2386930	301966	539161	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCB	Ave	1166604	1683286	143658 2263721	285631	521128	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCB	Ave	906728	1221713	100780 1764374	210380	375075	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCB	QuaF	1105251	1534903	155724 2083736	291941	502541	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCB	Ave	2756929	3769944	355380 +++++	717712	1283266	10.0	16.0	1.00 +++++	2.00	4.00
2-Methylphenol	DCB	Ave	1172556	1746303	154645 2515488	281378	511501	10.0	16.0	1.00 24.0	2.00	4.00
Acetophenone	DCB	Ave	1526058	2145454	211914 +++++	410429	727133	10.0	16.0	1.00 +++++	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	15275 1053178	29943 1413048	138142 +++++	276627	499606	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
3 & 4 Methylphenol	DCB	Ave	 1250125	 1783163	155616 2287192	307734	570127	 10.0	 16.0	1.00 24.0	2.00	4.00
4-Methylphenol	DCB	Ave	 1234152	 1757304	152864 2256093	302768	559606	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachloroethane	DCB	Ave	8299 591986	15124 830958	70552 1127641	138782	256956	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	NPT	QuaF	31113 1818280	55457 2420916	278992 +++++	507014	868769	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
n,n'-Dimethylaniline	DCB	QuaF	22152 1387862	38916 1842210	207038 +++++	354064	632958	0.100 10.0	0.200 16.0	1.00 +++++	2.00	4.00
Isophorone	NPT	Ave	 2887069	72148 4289073	372433 6134481	774286	1283260	 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	 749445	 1114186	91947 1522663	180913	341649	 10.0	 16.0	1.00 24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	 936427	 1385165	126340 1906739	242339	457503	 10.0	 16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	 1576960	 2205641	197599 3026178	391746	724658	 10.0	 16.0	1.00 24.0	2.00	4.00
Benzoic acid	NPT	Lin2	 601969	 960635	22934 1392953	86040	204891	 10.0	 16.0	1.00 24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	 955769	 1360469	113847 1844095	240304	432575	 10.0	 16.0	1.00 24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	12288 1047347	23043 1434128	116774 1937267	236393	429962	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	 2581089	 3439027	344393 +++++	716502	1226701	 10.0	 16.0	1.00 +++++	2.00	4.00
4-Chloroaniline	NPT	Ave	 1316834	 1848403	163005 2451803	350495	615292	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	6266 576260	12086 827343	66667 1082713	134737	239911	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloro-3-methylphenol	NPT	Ave	 1033261	 1475474	127925 1960590	272160	487761	 10.0	 16.0	1.00 24.0	2.00	4.00
2-Methylnaphthalene	NPT	Qua	 1889390	 2682301	254123 3541333	505886	886776	 10.0	 16.0	1.00 24.0	2.00	4.00
1-Methylnaphthalene	NPT	Ave	 1659501	 2418582	218892 3190311	447818	811222	 10.0	 16.0	1.00 24.0	2.00	4.00
Hexachlorocyclopentadiene	ANT	Ave	 609811	 723734	52596 1015697	104599	203908	 10.0	 16.0	1.00 24.0	2.00	4.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	 890999	 1276386	117700 1620555	230076	423495	 10.0	 16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-tertbutyl-4-methylphenol	NPT	Ave	1326316	1822997	174094 2491529	313213	589505	10.0	16.0	1.00 24.0	2.00	4.00
2,4,6-Trichlorophenol	ANT	Ave	639744	15238 915321	76018 1270654	155866	289287	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,5-Trichlorophenol	ANT	Ave	613294	830926	78424 1098268	163497	279231	10.0	16.0	1.00 24.0	2.00	4.00
Diphenyl	ANT	Ave	2152919	2779426	302311 3424885	576079	1003640	10.0	16.0	1.00 24.0	2.00	4.00
2-Chloronaphthalene	ANT	Ave	1602763	2206779	223950 2833159	434891	773389	10.0	16.0	1.00 24.0	2.00	4.00
Phenyl ether	ANT	Ave	1205419	1660728	155190 2210698	278221	534722	10.0	16.0	1.00 24.0	2.00	4.00
2-Nitroaniline	ANT	Ave	794431	1142864	104496 1547565	206176	370582	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dimethylnaphthalene	ANT	Ave	1417272	1936445	189159 2528044	350867	648850	10.0	16.0	1.00 24.0	2.00	4.00
Dimethyl phthalate	ANT	Ave	1797852	2517591	268517 3487831	514756	875041	10.0	16.0	1.00 24.0	2.00	4.00
Coumarin	NPT	Qua	659896	896988	93448 1256024	169103	300669	10.0	16.0	1.00 24.0	2.00	4.00
2,6-Dinitrotoluene	ANT	Ave	526378	13305 763754	67179 980886	133933	238358	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acenaphthylene	ANT	Ave	2515970	3417735	364776 4502633	750209	1253745	10.0	16.0	1.00 24.0	2.00	4.00
3-Nitroaniline	ANT	Ave	586016	850745	77534 1119414	152815	272515	10.0	16.0	1.00 24.0	2.00	4.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	1248943	1592611	160755 1994242	259595	536806	10.0	16.0	1.00 24.0	2.00	4.00
Acenaphthene	ANT	Qua	1316151	1780439	203200 2157868	388101	687909	10.0	16.0	1.00 24.0	2.00	4.00
2,4-Dinitrophenol	ANT	Ave	700121	1028991	52472 1458965	141056	281938	20.0	32.0	2.00 48.0	4.00	8.00
2,4-Dinitrotoluene	ANT	Ave	597763	15407 810909	85906 1020383	165790	295418	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenzofuran	ANT	Ave	2067721	2805542	319996 +++++	599484	1070234	10.0	16.0	1.00 +++++	2.00	4.00
4-Nitrophenol	ANT	Ave	1013838	1267312	122477 1729579	243329	445228	20.0	32.0	2.00 48.0	4.00	8.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	534028	765276	64272 1000579	133952	249457	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	QuaF	1725029	2186404	288025 2735353	522532	918165	10.0	16.0	1.00 24.0	2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorophenyl phenyl ether	ANT	Ave	749912	966536	111554 +++++	216872	385850	10.0	16.0	1.00 +++++	2.00	4.00
Fluorene	ANT	QuaF	1534881	1954920	240612 2493117	446671	787410	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	511346	687720	64105 875427	134688	239286	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	760476	14196 1090118	86144 1541450	176170	349178	20.0	0.400 32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	2242566	77290 3007950	362156 +++++	684139	1181007	17.0	0.340 27.2	1.70 +++++	3.40	6.80
1,2-Diphenylhydrazine	PHN	QuaF	2266109	3060316	353980 4169673	712766	1173783	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	546742	706578	70185 998863	138118	270553	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	8110 624419	17411 863961	83716 1144639	178117	294946	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Pentachloronitrobenzene	PHN	Ave	223078	298157	27001 398070	55478	104608	10.0	16.0	1.00 24.0	2.00	4.00
Pentachlorophenol	PHN	Ave	645484	824254	56400 1081541	136353	291373	20.0	32.0	2.00 48.0	4.00	8.00
n-Octadecane	PHN	Qua	1457001	1885872	269050 2290134	466467	800236	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	1988475	2811402	306305 3491434	586565	1021512	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	2044343	2749647	306723 3620241	578251	1051566	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	2013267	2754528	316206 3682133	597632	1017273	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Qua	2524879	3418743	411381 4332694	808789	1354875	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	2063912	2800216	304195 3629914	607912	1027384	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Ave	1315543	1761169	96403 2496508	203488	500156	10.0	16.0	1.00 24.0	2.00	4.00
Pyrene	CRY	Ave	1996608	2856109	308904 3973912	609592	1028110	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	904581	1387929	100995 1926489	212141	381930	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	1058670	1591835	148914 2155229	296373	518283	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	2977					0.100				

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 334749

SDG No.:

Instrument ID: CBNAMS6 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/11/2015 16:58 Calibration End Date: 11/11/2015 19:26 Calibration ID: 53228

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Carbamazepine	CRY	Ave	679701	1059876	73597 1500282	137978	303622	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	699461	12569 1078756	71769 1448479	137062	324503	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	26440 1554388	46727 2336457	212869 3145200	430700	757123	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1217963	33919 1766188	172249 2343808	359067	639026	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	1364006	39643 1835797	196105 2558903	409410	711924	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	2085891	3061496	260508 4181201	532479	1005596	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	17148 1312641	30350 2190985	148119 3739020	339965	613797	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	20626 1396227	36836 2239716	173197 2855395	358352	658954	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	16264 1298846	29817 2056129	145365 3039546	320551	607136	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	11586 1164733	22399 2210064	132020 3549941	280415	526754	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	11631 1150207	23375 2041568	121862 3056048	274332	519151	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	1206084	2079043	125799 3343555	261798	520014	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCB	Ave	1399072	27867 2090860	134953 2725249	309911	558763	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCB	Ave	1644702	41396 2314042	185890 3142389	410083	751743	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	18903 1613386	38875 2292403	175307 2977728	390990	711010	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	29204 1837519	55598 2603516	249856 3282041	525555	920991	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	369557	8686 594665	45804 741555	94210	186602	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Terphenyl-d14	CRY	Ave	23658 1481107	43073 2168451	189866 2702655	388727	740039	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966461.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 6
Inject. Date: 11-Nov-2015 16:58:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-002
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:04 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: szczecha Date: 12-Nov-2015 11:41:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	96	550428	10.0	10.1	
2 N-Nitrosodimethylamine	74	1.878	1.878	0.000	79	1050556	10.0	9.97	
3 Pyridine	79	1.901	1.901	0.000	82	1447873	10.0	9.82	
$ 4 2-Fluorophenol	112	3.026	3.026	0.000	88	1399072	10.0	10.0	
8 Aniline	93	3.934	3.934	0.000	97	2168521	10.0	9.28	
$ 6 Phenol-d5	99	3.949	3.949	0.000	55	1644702	10.0	9.17	
7 Phenol	94	3.964	3.964	0.000	61	1797940	10.0	9.49	
9 Bis(2-chloroethyl)ether	93	3.994	3.994	0.000	77	1373440	10.0	7.91	
10 Benzonitrile	103	4.009	4.009	0.000	82	2395654	NC	NC	
11 2-Chlorophenol	128	4.069	4.069	0.000	85	1177386	10.0	9.32	
12 n-Decane	43	4.099	4.099	0.000	89	1554693	10.0	10.3	
13 1,3-Dichlorobenzene	146	4.196	4.196	0.000	87	1241083	10.0	9.56	
* 14 1,4-Dichlorobenzene-d4	152	4.256	4.256	0.000	95	715987	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.271	4.271	0.000	87	1166604	10.0	9.40	
17 Benzyl alcohol	108	4.412	4.412	0.000	87	906728	10.0	9.91	
18 1,2-Dichlorobenzene	146	4.427	4.427	0.000	88	1105251	10.0	10.2	
20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	90	2756929	10.0	8.86	
19 2-Methylphenol	108	4.562	4.562	0.000	84	1172556	10.0	9.18	
23 N-Methylaniline	106	4.659	4.659	0.000	75	1741912	NC	NC	
24 Acetophenone	105	4.674	4.674	0.000	83	1526058	10.0	8.56	
25 N-Nitrosodi-n-propylamine	70	4.682	4.682	0.000	93	1053178	10.0	8.09	
26 3 & 4 Methylphenol	108	4.719	4.719	0.000	9	1250125	10.0	9.42	
21 4-Methylphenol	108	4.719	4.719	0.000	89	1234152	10.0	9.45	
27 Hexachloroethane	117	4.764	4.764	0.000	89	591986	10.0	8.91	
$ 28 Nitrobenzene-d5	82	4.824	4.824	0.000	93	1613386	10.0	9.33	
29 Nitrobenzene	77	4.847	4.847	0.000	84	1818280	10.0	9.60	
30 n,n'-Dimethylaniline	120	4.847	4.847	0.000	69	1387862	10.0	9.83	
31 Isophorone	82	5.085	5.085	0.000	96	2887069	10.0	8.77	
32 2-Nitrophenol	139	5.160	5.160	0.000	79	749445	10.0	9.24	
33 2,4-Dimethylphenol	122	5.242	5.242	0.000	83	936427	10.0	8.84	
34 Bis(2-chloroethoxy)methane	93	5.309	5.309	0.000	94	1576960	10.0	9.29	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.421	5.421	0.000	62	601969	10.0	10.1	
36 2,4-Dichlorophenol	162	5.436	5.436	0.000	90	955769	10.0	9.35	
37 1,2,4-Trichlorobenzene	180	5.486	5.486	0.000	89	1047347	10.0	9.63	
* 38 Naphthalene-d8	136	5.544	5.544	0.000	97	2312506	8.00	8.00	
39 Naphthalene	128	5.566	5.566	0.000	96	2581089	10.0	8.56	
40 4-Chloroaniline	127	5.633	5.633	0.000	88	1316834	10.0	9.19	
41 Hexachlorobutadiene	225	5.693	5.693	0.000	86	576260	10.0	9.61	
44 4-Chloro-3-methylphenol	107	6.160	6.160	0.000	92	1033261	10.0	9.14	
45 2-Methylnaphthalene	142	6.256	6.256	0.000	78	1889390	10.0	9.84	
46 1-Methylnaphthalene	142	6.353	6.353	0.000	80	1659501	10.0	8.89	
47 Hexachlorocyclopentadiene	237	6.420	6.420	0.000	82	609811	10.0	11.8	
48 1,2,4,5-Tetrachlorobenzene	216	6.435	6.435	0.000	92	890999	10.0	9.23	
49 2-tertbutyl-4-methylphenol	149	6.487	6.487	0.000	86	1326316	10.0	9.40	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	84	639744	10.0	9.36	
51 2,4,5-Trichlorophenol	196	6.626	6.626	0.000	67	613294	10.0	9.40	
$ 52 2-Fluorobiphenyl	172	6.634	6.634	0.000	96	1837519	10.0	8.33	
53 1,1'-Biphenyl	154	6.731	6.731	0.000	97	2152919	10.0	9.40	
54 2-Chloronaphthalene	162	6.746	6.746	0.000	93	1602763	10.0	9.11	
55 Phenyl ether	170	6.827	6.827	0.000	86	1205419	10.0	9.63	
57 2-Nitroaniline	65	6.858	6.858	0.000	76	794431	10.0	9.17	
58 1,3-Dimethylnaphthalene	156	6.963	6.963	0.000	90	1417272	10.0	9.44	
59 Dimethyl phthalate	163	7.046	7.046	0.000	94	1797852	10.0	8.75	
61 2,6-Dinitrotoluene	165	7.098	7.098	0.000	33	526378	10.0	9.17	
60 Coumarin	146	7.060	7.060	0.000	67	659896	10.0	10.3	
62 Acenaphthylene	152	7.157	7.157	0.000	95	2515970	10.0	8.83	
63 3-Nitroaniline	138	7.275	7.275	0.000	91	586016	10.0	9.17	
* 64 Acenaphthene-d10	164	7.298	7.298	0.000	91	1122611	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.328	7.328	0.000	84	1248943	10.0	10.2	
66 Acenaphthene	154	7.328	7.328	0.000	94	1316151	10.0	9.84	
67 2,4-Dinitrophenol	184	7.373	7.373	0.000	74	700121	20.0	21.1	
70 2,4-Dinitrotoluene	165	7.493	7.493	0.000	77	597763	10.0	8.89	
71 Dibenzofuran	168	7.501	7.501	0.000	87	2067721	10.0	8.34	
69 4-Nitrophenol	65	7.516	7.516	0.000	89	1013838	20.0	19.9	
72 2,3,4,6-Tetrachlorophenol	232	7.637	7.637	0.000	83	534028	10.0	9.43	
73 Diethyl phthalate	149	7.739	7.739	0.000	96	1725029	10.0	9.97	
74 4-Chlorophenyl phenyl ethe	204	7.835	7.835	0.000	76	749912	10.0	8.50	
75 Fluorene	166	7.835	7.835	0.000	77	1534881	10.0	10.1	
76 4-Nitroaniline	138	7.895	7.895	0.000	70	511346	10.0	9.48	
77 4,6-Dinitro-2-methylphenol	198	7.910	7.910	0.000	78	760476	20.0	21.7	
78 N-Nitrosodiphenylamine	169	7.970	7.970	0.000	66	2242566	17.0	14.7	
79 1,2-Diphenylhydrazine	77	8.000	8.000	0.000	89	2266109	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	8.083	8.083	0.000	91	369557	10.0	8.95	
81 4-Bromophenyl phenyl ether	248	8.321	8.321	0.000	92	546742	10.0	10.3	
82 Hexachlorobenzene	284	8.389	8.389	0.000	90	624419	10.0	9.87	
85 Pentachloronitrobenzene	237	8.589	8.589	0.000	57	223078	10.0	10.6	
84 Pentachlorophenol	266	8.596	8.596	0.000	86	645484	20.0	23.4	
86 n-Octadecane	57	8.662	8.662	0.000	95	1457001	10.0	10.3	
* 87 Phenanthrene-d10	188	8.760	8.760	0.000	98	1622070	8.00	8.00	
88 Phenanthrene	178	8.782	8.782	0.000	99	1988475	10.0	9.57	
89 Anthracene	178	8.835	8.835	0.000	96	2044343	10.0	9.75	
90 Carbazole	167	9.000	9.000	0.000	83	2013267	10.0	9.54	
91 Di-n-butyl phthalate	149	9.337	9.337	0.000	99	2524879	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.949	9.949	0.000	97	2063912	10.0	9.76	
93 Benzidine	184	10.084	10.084	0.000	99	1315543	10.0	12.6	
94 Pyrene	202	10.167	10.167	0.000	96	1996608	10.0	9.29	
95 Bisphenol-A	213	10.234	10.234	0.000	0	904581	10.0	10.4	
$ 96 Terphenyl-d14	244	10.322	10.322	0.000	98	1481107	10.0	9.49	
97 Butyl benzyl phthalate	149	10.841	10.841	0.000	95	1058670	10.0	9.59	
98 2,3,7,8-TCDD	320	10.950	10.950	0.000	14	2977	0.1000	0.1000	
99 Carbamazepine	193	10.973	10.973	0.000	83	679701	10.0	10.5	
100 3,3'-Dichlorobenzidine	252	11.462	11.462	0.000	98	699461	10.0	11.1	
101 Benzo[a]anthracene	228	11.483	11.483	0.000	99	1554388	10.0	9.12	
* 102 Chrysene-d12	240	11.497	11.497	0.000	99	1141976	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.524	11.524	0.000	89	1217963	10.0	9.41	
104 Chrysene	228	11.531	11.531	0.000	96	1364006	10.0	9.42	
105 Di-n-octyl phthalate	149	12.367	12.367	0.000	96	2085891	10.0	9.47	
106 Benzo[b]fluoranthene	252	12.874	12.874	0.000	97	1312641	10.0	8.88	
107 Benzo[k]fluoranthene	252	12.912	12.912	0.000	90	1396227	10.0	8.85	
108 Benzo[a]pyrene	252	13.314	13.314	0.000	88	1298846	10.0	9.29	
* 109 Perylene-d12	264	13.388	13.388	0.000	99	1044565	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.875	14.875	0.000	87	1164733	10.0	9.25	
111 Dibenz(a,h)anthracene	278	14.913	14.913	0.000	89	1150207	10.0	9.54	
112 Benzo[g,h,i]perylene	276	15.284	15.284	0.000	91	1206084	10.0	9.47	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00031 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966461.D

Injection Date: 11-Nov-2015 16:58:30 Instrument ID: CBNAMS6 Operator ID:

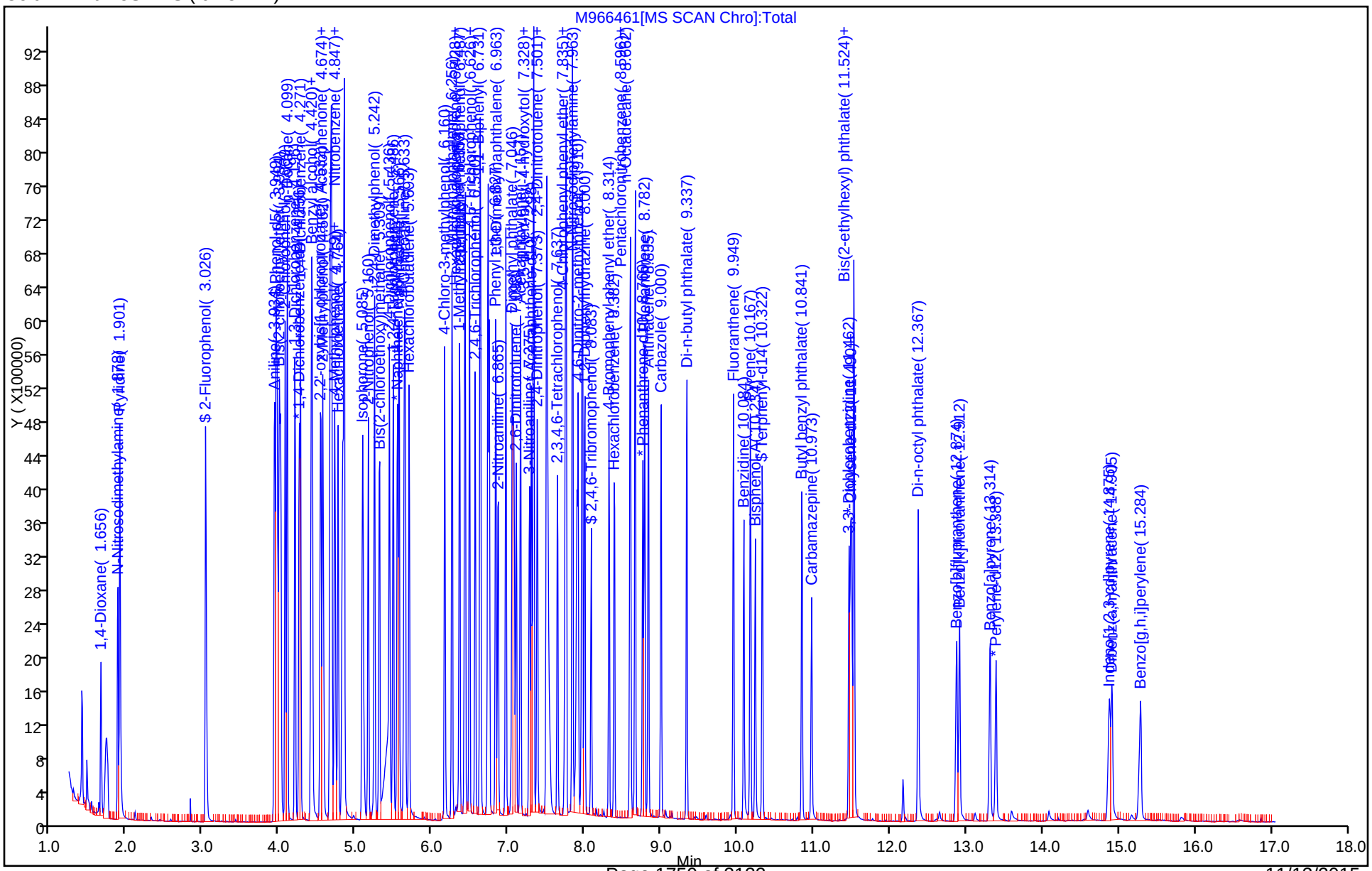
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966462.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 11-Nov-2015 17:19:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-003
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:56 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 17:35:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.656	0.001	95	1092943	24.0	21.6	
2 N-Nitrosodimethylamine	74	1.887	1.878	0.009	77	2097919	24.0	21.5	
3 Pyridine	79	1.902	1.901	0.001	81	2960155	24.0	21.7	
$ 4 2-Fluorophenol	112	3.024	3.026	-0.002	87	2725249	24.0	21.2	
8 Aniline	93	3.945	3.934	0.011	96	4571173	24.0	21.2	
$ 6 Phenol-d5	99	3.966	3.949	0.017	57	3142389	24.0	19.0	
7 Phenol	94	3.981	3.964	0.017	87	3150299	24.0	18.0	
9 Bis(2-chloroethyl)ether	93	4.011	3.994	0.017	64	2919063	24.0	18.2	M
10 Benzonitrile	103	4.034	4.009	0.025	78	5266702	NC	NC	
11 2-Chlorophenol	128	4.079	4.069	0.010	82	2337779	24.0	20.0	
12 n-Decane	43	4.101	4.099	0.002	89	2656881	24.0	25.0	
13 1,3-Dichlorobenzene	146	4.205	4.196	0.009	86	2386930	24.0	19.9	
* 14 1,4-Dichlorobenzene-d4	152	4.258	4.246	0.012	95	661880	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.280	4.271	0.009	86	2263721	24.0	19.7	
17 Benzyl alcohol	108	4.437	4.412	0.025	73	1764374	24.0	20.9	
18 1,2-Dichlorobenzene	146	4.429	4.427	0.002	86	2083736	24.0	24.5	
20 2,2'-oxybis[1-chloropropan	45	4.541	4.532	0.009	88	4847554	24.0	16.8	
19 2-Methylphenol	108	4.579	4.562	0.017	84	2515488	24.0	21.3	
23 N-Methylaniline	106	4.675	4.659	0.016	76	3553803	NC	NC	
24 Acetophenone	105	4.690	4.674	0.016	84	2933127	24.0	17.8	
25 N-Nitrosodi-n-propylamine	70	4.705	4.682	0.023	94	1971656	24.0	16.4	
26 3 & 4 Methylphenol	108	4.735	4.719	0.016	1	2287192	24.0	18.6	
21 4-Methylphenol	108	4.735	4.719	0.016	67	2256093	24.0	18.7	
27 Hexachloroethane	117	4.765	4.764	0.001	88	1127641	24.0	18.3	
$ 28 Nitrobenzene-d5	82	4.839	4.824	0.015	93	2977728	24.0	18.2	
29 Nitrobenzene	77	4.861	4.847	0.014	81	3393672	24.0	NQ	
30 n,n'-Dimethylaniline	120	4.861	4.847	0.014	74	2587611	24.0	NQ	
31 Isophorone	82	5.109	5.085	0.024	95	6134481	24.0	19.7	
32 2-Nitrophenol	139	5.169	5.160	0.009	77	1522663	24.0	19.8	
33 2,4-Dimethylphenol	122	5.259	5.242	0.017	84	1906739	24.0	19.0	
34 Bis(2-chloroethoxy)methane	93	5.319	5.309	0.010	91	3026178	24.0	18.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.476	5.421	0.055	58	1392953	24.0	23.6	M
36 2,4-Dichlorophenol	162	5.446	5.436	0.010	89	1844095	24.0	19.0	
37 1,2,4-Trichlorobenzene	180	5.499	5.486	0.013	53	1937267	24.0	18.8	
* 38 Naphthalene-d8	136	5.551	5.536	0.015	96	2192929	8.00	8.00	
39 Naphthalene	128	5.574	5.566	0.008	95	4604641	24.0	16.1	
40 4-Chloroaniline	127	5.649	5.633	0.016	87	2451803	24.0	18.0	
41 Hexachlorobutadiene	225	5.702	5.693	0.009	83	1082713	24.0	19.0	
44 4-Chloro-3-methylphenol	107	6.166	6.160	0.006	90	1960590	24.0	18.3	
45 2-Methylnaphthalene	142	6.263	6.256	0.007	77	3541333	24.0	24.0	
46 1-Methylnaphthalene	142	6.367	6.353	0.014	81	3190311	24.0	18.0	
47 Hexachlorocyclopentadiene	237	6.427	6.420	0.007	83	1015697	24.0	23.8	
48 1,2,4,5-Tetrachlorobenzene	216	6.442	6.435	0.007	90	1620555	24.0	20.3	
49 2-tertbutyl-4-methylphenol	149	6.493	6.487	0.006	85	2491529	24.0	18.6	
50 2,4,6-Trichlorophenol	196	6.569	6.560	0.009	84	1270654	24.0	22.4	
51 2,4,5-Trichlorophenol	196	6.629	6.626	0.003	84	1098268	24.0	20.3	
$ 52 2-Fluorobiphenyl	172	6.645	6.634	0.010	95	3282041	24.0	18.0	
53 1,1'-Biphenyl	154	6.743	6.731	0.012	97	3424885	24.0	18.0	
54 2-Chloronaphthalene	162	6.758	6.746	0.012	92	2833159	24.0	19.4	
55 Phenyl ether	170	6.840	6.827	0.013	82	2210698	24.0	21.3	
57 2-Nitroaniline	65	6.878	6.858	0.020	68	1547565	24.0	21.6	
58 1,3-Dimethylnaphthalene	156	6.976	6.963	0.013	89	2528044	24.0	20.3	
59 Dimethyl phthalate	163	7.072	7.046	0.026	94	3487831	24.0	20.5	
60 Coumarin	146	7.087	7.060	0.027	63	1256024	24.0	24.2	
61 2,6-Dinitrotoluene	165	7.117	7.098	0.019	49	980886	24.0	20.6	
62 Acenaphthylene	152	7.170	7.157	0.013	80	4502633	24.0	19.1	
63 3-Nitroaniline	138	7.290	7.275	0.015	89	1119414	24.0	21.1	
* 64 Acenaphthene-d10	164	7.304	7.293	0.011	96	929973	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.327	7.328	-0.001	83	1994242	24.0	19.6	
66 Acenaphthene	154	7.342	7.328	0.014	84	2157868	24.0	24.1	
67 2,4-Dinitrophenol	184	7.395	7.373	0.022	76	1458965	48.0	53.1	
70 2,4-Dinitrotoluene	165	7.514	7.493	0.021	68	1020383	24.0	18.3	
71 Dibenzofuran	168	7.514	7.501	0.013	84	3609802	24.0	17.6	
69 4-Nitrophenol	65	7.529	7.516	0.013	88	1729579	48.0	40.9	
72 2,3,4,6-Tetrachlorophenol	232	7.648	7.637	0.011	85	1000579	24.0	21.3	
73 Diethyl phthalate	149	7.762	7.739	0.023	93	2735353	24.0	24.8	
74 4-Chlorophenyl phenyl ethe	204	7.845	7.835	0.010	79	1219554	24.0	16.7	
75 Fluorene	166	7.853	7.835	0.018	83	2493117	24.0	24.7	
76 4-Nitroaniline	138	7.933	7.895	0.038	81	875427	24.0	19.6	
77 4,6-Dinitro-2-methylphenol	198	7.941	7.910	0.031	82	1541450	48.0	48.0	
78 N-Nitrosodiphenylamine	169	7.986	7.970	0.016	68	3811495	40.8	27.2	
79 1,2-Diphenylhydrazine	77	8.009	8.000	0.009	89	4169673	24.0	24.4	
$ 80 2,4,6-Tribromophenol	330	8.096	8.083	0.013	91	741555	24.0	21.7	
81 4-Bromophenyl phenyl ether	248	8.327	8.321	0.006	85	998863	24.0	20.6	
82 Hexachlorobenzene	284	8.393	8.389	0.004	91	1144639	24.0	19.7	
85 Pentachloronitrobenzene	237	8.594	8.589	0.005	61	398070	24.0	20.5	
84 Pentachlorophenol	266	8.608	8.596	0.012	86	1081541	48.0	42.6	
86 n-Octadecane	57	8.665	8.662	0.003	96	2290134	24.0	24.4	
* 87 Phenanthrene-d10	188	8.764	8.750	0.014	99	1489957	8.00	8.00	
88 Phenanthrene	178	8.794	8.782	0.012	98	3491434	24.0	18.3	
89 Anthracene	178	8.847	8.835	0.012	94	3620241	24.0	18.8	
90 Carbazole	167	9.012	9.000	0.012	83	3682133	24.0	19.0	
91 Di-n-butyl phthalate	149	9.340	9.337	0.003	98	4332694	24.0	24.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.956	9.949	0.007	96	3629914	24.0	18.7	
93 Benzidine	184	10.092	10.084	0.008	98	2496508	24.0	26.0	
94 Pyrene	202	10.181	10.167	0.014	96	3973912	24.0	20.7	
95 Bisphenol-A	213	10.241	10.234	0.007	0	1926489	24.0	24.9	
$ 96 Terphenyl-d14	244	10.329	10.322	0.007	98	2702655	24.0	19.4	
97 Butyl benzyl phthalate	149	10.846	10.841	0.005	96	2155229	24.0	21.9	
99 Carbamazepine	193	10.988	10.973	0.015	79	1500282	24.0	26.0	
100 3,3'-Dichlorobenzidine	252	11.472	11.462	0.010	98	1448479	24.0	25.7	
101 Benzo[a]anthracene	228	11.493	11.483	0.010	89	3145200	24.0	20.7	
* 102 Chrysene-d12	240	11.507	11.487	0.020	99	1018569	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.528	11.524	0.004	89	2343808	24.0	20.3	
104 Chrysene	228	11.542	11.531	0.011	94	2558903	24.0	19.8	
105 Di-n-octyl phthalate	149	12.373	12.367	0.006	96	4181201	24.0	19.3	
106 Benzo[b]fluoranthene	252	12.888	12.874	0.014	88	3739020	24.0	25.7	
107 Benzo[k]fluoranthene	252	12.932	12.912	0.020	89	2855395	24.0	18.4	
108 Benzo[a]pyrene	252	13.329	13.314	0.015	97	3039546	24.0	22.1	
* 109 Perylene-d12	264	13.396	13.386	0.010	99	1027756	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.905	14.875	0.030	97	3549941	24.0	28.7	M
111 Dibenz(a,h)anthracene	278	14.941	14.913	0.027	95	3056048	24.0	25.8	
112 Benzo[g,h,i]perylene	276	15.323	15.284	0.039	94	3343555	24.0	26.7	
S 119 Total Cresols	1				0			39.9	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- NQ - Not Quantifiable

Review Flags
- M - Manually Integrated

Reagents:

SM_BNAL8_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966462.D

Injection Date: 11-Nov-2015 17:19:30 Instrument ID: CBNAMS6 Operator ID:

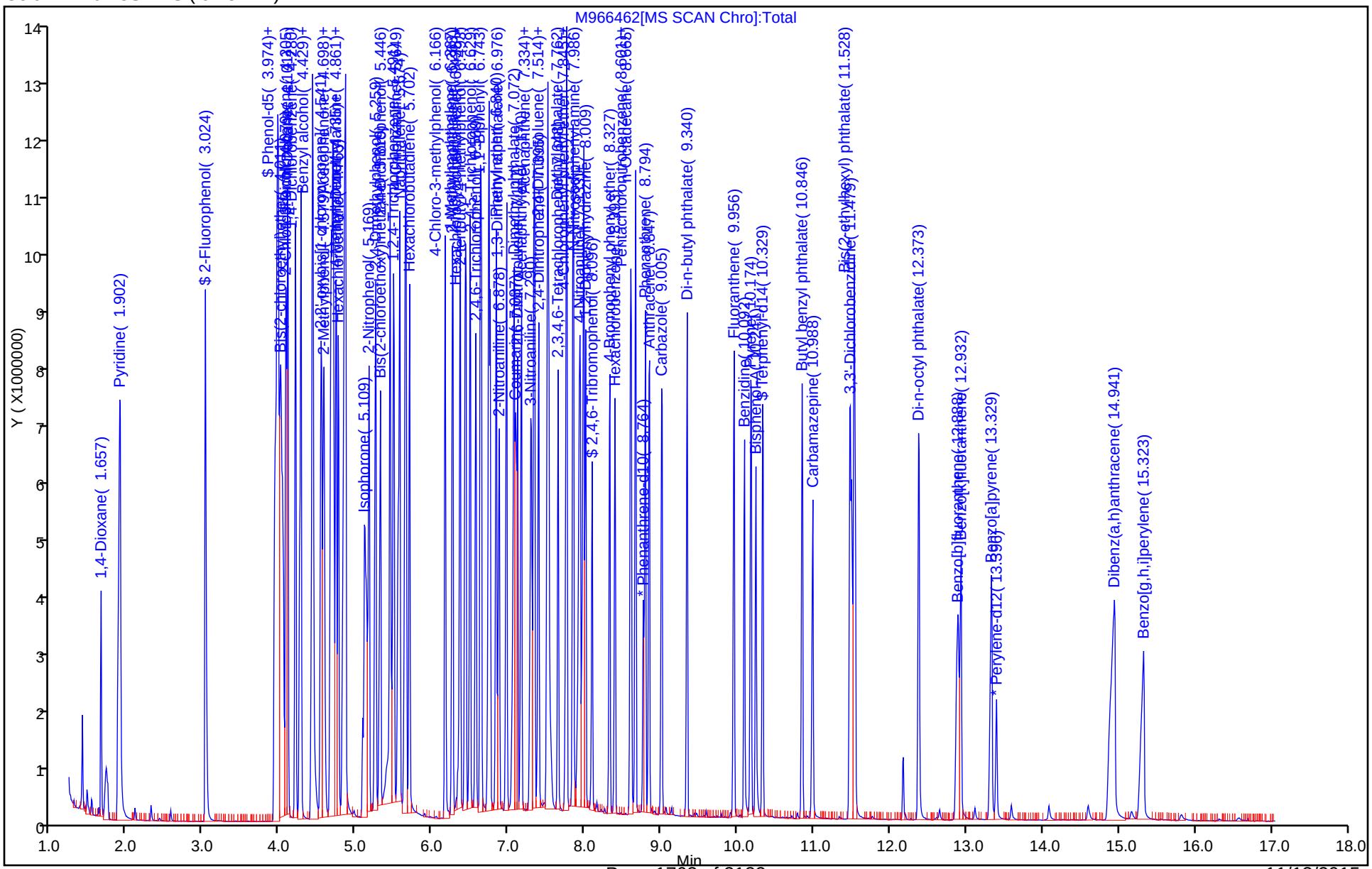
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966463.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 11-Nov-2015 17:40:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-004
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:51 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:23:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.657	1.656	0.001	96	781566	16.0	14.4	
2 N-Nitrosodimethylamine	74	1.881	1.878	0.003	77	1541715	16.0	14.7	
3 Pyridine	79	1.903	1.901	0.002	83	2016630	16.0	13.8	
$ 4 2-Fluorophenol	112	3.025	3.026	-0.001	89	2090860	16.0	15.1	
8 Aniline	93	3.935	3.934	0.001	96	3142911	16.0	13.6	
$ 6 Phenol-d5	99	3.958	3.949	0.009	56	2314042	16.0	13.0	
7 Phenol	94	3.973	3.964	0.009	79	2456809	16.0	13.1	
9 Bis(2-chloroethyl)ether	93	4.002	3.994	0.008	55	1980721	16.0	11.5	
10 Benzonitrile	103	4.024	4.009	0.015	78	3530525	NC	NC	
11 2-Chlorophenol	128	4.077	4.069	0.008	87	1666147	16.0	13.3	
12 n-Decane	43	4.099	4.099	0.000	89	2032518	16.0	14.6	
13 1,3-Dichlorobenzene	146	4.203	4.196	0.007	88	1728250	16.0	13.4	
* 14 1,4-Dichlorobenzene-d4	152	4.256	4.246	0.010	96	710136	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.276	4.271	0.005	88	1683286	16.0	13.7	
17 Benzyl alcohol	108	4.418	4.412	0.006	84	1221713	16.0	13.5	
18 1,2-Dichlorobenzene	146	4.425	4.427	-0.002	86	1534903	16.0	15.0	
20 2,2'-oxybis[1-chloropropan	45	4.535	4.532	0.003	89	3769944	16.0	12.2	
19 2-Methylphenol	108	4.565	4.562	0.003	83	1746303	16.0	13.8	
23 N-Methylaniline	106	4.663	4.659	0.004	76	2513682	NC	NC	
24 Acetophenone	105	4.685	4.674	0.011	86	2145454	16.0	12.1	
25 N-Nitrosodi-n-propylamine	70	4.693	4.682	0.011	94	1413048	16.0	10.9	
26 3 & 4 Methylphenol	108	4.730	4.719	0.011	9	1783163	16.0	13.6	
21 4-Methylphenol	108	4.730	4.719	0.011	87	1757304	16.0	13.6	
27 Hexachloroethane	117	4.768	4.764	0.004	90	830958	16.0	12.6	
$ 28 Nitrobenzene-d5	82	4.827	4.824	0.003	94	2292403	16.0	13.9	
29 Nitrobenzene	77	4.850	4.847	0.003	83	2420916	16.0	16.3	
30 n,n'-Dimethylaniline	120	4.850	4.847	0.003	73	1842210	16.0	16.1	
31 Isophorone	82	5.097	5.085	0.012	95	4289073	16.0	13.6	
32 2-Nitrophenol	139	5.164	5.160	0.004	77	1114186	16.0	14.4	
33 2,4-Dimethylphenol	122	5.247	5.242	0.005	83	1385165	16.0	13.7	
34 Bis(2-chloroethoxy)methane	93	5.314	5.309	0.005	93	2205641	16.0	13.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.457	5.421	0.036	62	960635	16.0	16.3	M
36 2,4-Dichlorophenol	162	5.442	5.436	0.006	90	1360469	16.0	13.9	
37 1,2,4-Trichlorobenzene	180	5.495	5.486	0.009	81	1434128	16.0	13.8	
* 38 Naphthalene-d8	136	5.547	5.536	0.011	96	2212116	8.00	8.00	
39 Naphthalene	128	5.569	5.566	0.003	95	3439027	16.0	11.9	
40 4-Chloroaniline	127	5.637	5.633	0.004	88	1848403	16.0	13.5	
41 Hexachlorobutadiene	225	5.697	5.693	0.004	84	827343	16.0	14.4	
44 4-Chloro-3-methylphenol	107	6.162	6.160	0.002	90	1475474	16.0	13.7	
45 2-Methylnaphthalene	142	6.260	6.256	0.004	79	2682301	16.0	16.0	
46 1-Methylnaphthalene	142	6.358	6.353	0.005	82	2418582	16.0	13.5	
47 Hexachlorocyclopentadiene	237	6.426	6.420	0.006	82	723734	16.0	15.2	
48 1,2,4,5-Tetrachlorobenzene	216	6.433	6.435	-0.002	89	1276386	16.0	14.3	
49 2-tertbutyl-4-methylphenol	149	6.494	6.487	0.007	87	1822997	16.0	13.5	
50 2,4,6-Trichlorophenol	196	6.569	6.560	0.009	81	915321	16.0	14.5	
51 2,4,5-Trichlorophenol	196	6.622	6.626	-0.004	83	830926	16.0	13.8	
$ 52 2-Fluorobiphenyl	172	6.637	6.634	0.003	95	2603516	16.0	12.8	
53 1,1'-Biphenyl	154	6.732	6.731	0.001	98	2779426	16.0	13.2	
54 2-Chloronaphthalene	162	6.754	6.746	0.008	93	2206779	16.0	13.6	
55 Phenyl ether	170	6.836	6.827	0.009	83	1660728	16.0	14.4	
57 2-Nitroaniline	65	6.865	6.858	0.007	68	1142864	16.0	14.3	
58 1,3-Dimethylnaphthalene	156	6.970	6.963	0.007	90	1936445	16.0	14.0	
59 Dimethyl phthalate	163	7.061	7.046	0.015	95	2517591	16.0	13.3	
60 Coumarin	146	7.069	7.060	0.009	69	896988	16.0	15.6	
61 2,6-Dinitrotoluene	165	7.106	7.098	0.008	44	763754	16.0	14.4	
62 Acenaphthylene	152	7.159	7.157	0.002	85	3417735	16.0	13.0	
63 3-Nitroaniline	138	7.280	7.275	0.005	90	850745	16.0	14.4	
* 64 Acenaphthene-d10	164	7.303	7.293	0.010	94	1035058	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.325	7.328	-0.003	85	1592611	16.0	14.1	
66 Acenaphthene	154	7.333	7.328	0.005	88	1780439	16.0	15.9	
67 2,4-Dinitrophenol	184	7.386	7.373	0.013	72	1028991	32.0	33.7	
70 2,4-Dinitrotoluene	165	7.501	7.493	0.008	70	810909	16.0	13.1	
71 Dibenzofuran	168	7.509	7.501	0.008	85	2805542	16.0	12.3	
69 4-Nitrophenol	65	7.517	7.516	0.001	90	1267312	32.0	26.9	
72 2,3,4,6-Tetrachlorophenol	232	7.642	7.637	0.005	84	765276	16.0	14.7	
73 Diethyl phthalate	149	7.754	7.739	0.015	96	2186404	16.0	14.8	
74 4-Chlorophenyl phenyl ethe	204	7.845	7.835	0.010	79	966536	16.0	11.9	
75 Fluorene	166	7.845	7.835	0.010	77	1954920	16.0	14.9	
76 4-Nitroaniline	138	7.911	7.895	0.016	85	687720	16.0	13.8	
77 4,6-Dinitro-2-methylphenol	198	7.926	7.910	0.016	80	1090118	32.0	32.0	
78 N-Nitrosodiphenylamine	169	7.978	7.970	0.008	49	3007950	27.2	20.3	
79 1,2-Diphenylhydrazine	77	8.001	8.000	0.001	93	3060316	16.0	15.1	
$ 80 2,4,6-Tribromophenol	330	8.090	8.083	0.007	91	594665	16.0	15.6	
81 4-Bromophenyl phenyl ether	248	8.322	8.321	0.001	84	706578	16.0	13.7	
82 Hexachlorobenzene	284	8.390	8.389	0.001	90	863961	16.0	14.0	
85 Pentachloronitrobenzene	237	8.591	8.589	0.002	60	298157	16.0	14.5	
84 Pentachlorophenol	266	8.598	8.596	0.002	84	824254	32.0	30.7	
86 n-Octadecane	57	8.665	8.662	0.003	96	1885872	16.0	15.4	
* 87 Phenanthrene-d10	188	8.762	8.750	0.012	98	1577265	8.00	8.00	
88 Phenanthrene	178	8.785	8.782	0.003	99	2811402	16.0	13.9	
89 Anthracene	178	8.838	8.835	0.003	95	2749647	16.0	13.5	
90 Carbazole	167	9.003	9.000	0.003	84	2754528	16.0	13.4	
91 Di-n-butyl phthalate	149	9.340	9.337	0.003	99	3418743	16.0	15.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.950	9.949	0.001	97	2800216	16.0	13.6	
93 Benzidine	184	10.082	10.084	-0.002	99	1761169	16.0	17.3	
94 Pyrene	202	10.172	10.167	0.005	96	2856109	16.0	14.0	
95 Bisphenol-A	213	10.240	10.234	0.006	0	1387929	16.0	16.8	
$ 96 Terphenyl-d14	244	10.329	10.322	0.007	98	2168451	16.0	14.6	
97 Butyl benzyl phthalate	149	10.843	10.841	0.001	97	1591835	16.0	15.2	
99 Carbamazepine	193	10.977	10.973	0.004	79	1059876	16.0	17.2	
100 3,3'-Dichlorobenzidine	252	11.469	11.462	0.007	97	1078756	16.0	17.9	
101 Benzo[a]anthracene	228	11.483	11.483	0.000	89	2336457	16.0	14.4	
* 102 Chrysene-d12	240	11.504	11.487	0.017	98	1086768	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.525	11.524	0.001	88	1766188	16.0	14.3	
104 Chrysene	228	11.539	11.531	0.008	96	1835797	16.0	13.3	
105 Di-n-octyl phthalate	149	12.370	12.367	0.003	96	3061496	16.0	14.5	
106 Benzo[b]fluoranthene	252	12.879	12.874	0.005	89	2190985	16.0	15.5	
107 Benzo[k]fluoranthene	252	12.916	12.912	0.004	97	2239716	16.0	14.8	
108 Benzo[a]pyrene	252	13.317	13.314	0.003	87	2056129	16.0	15.4	
* 109 Perylene-d12	264	13.392	13.386	0.006	99	999513	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.889	14.875	0.014	95	2210064	16.0	18.3	M
111 Dibenz(a,h)anthracene	278	14.925	14.913	0.012	88	2041568	16.0	17.7	
112 Benzo[g,h,i]perylene	276	15.300	15.284	0.016	94	2079043	16.0	17.1	
S 119 Total Cresols	1				0			27.3	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL7_00008 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966463.D

Injection Date: 11-Nov-2015 17:40:30 Instrument ID: CBNAMS6 Operator ID:

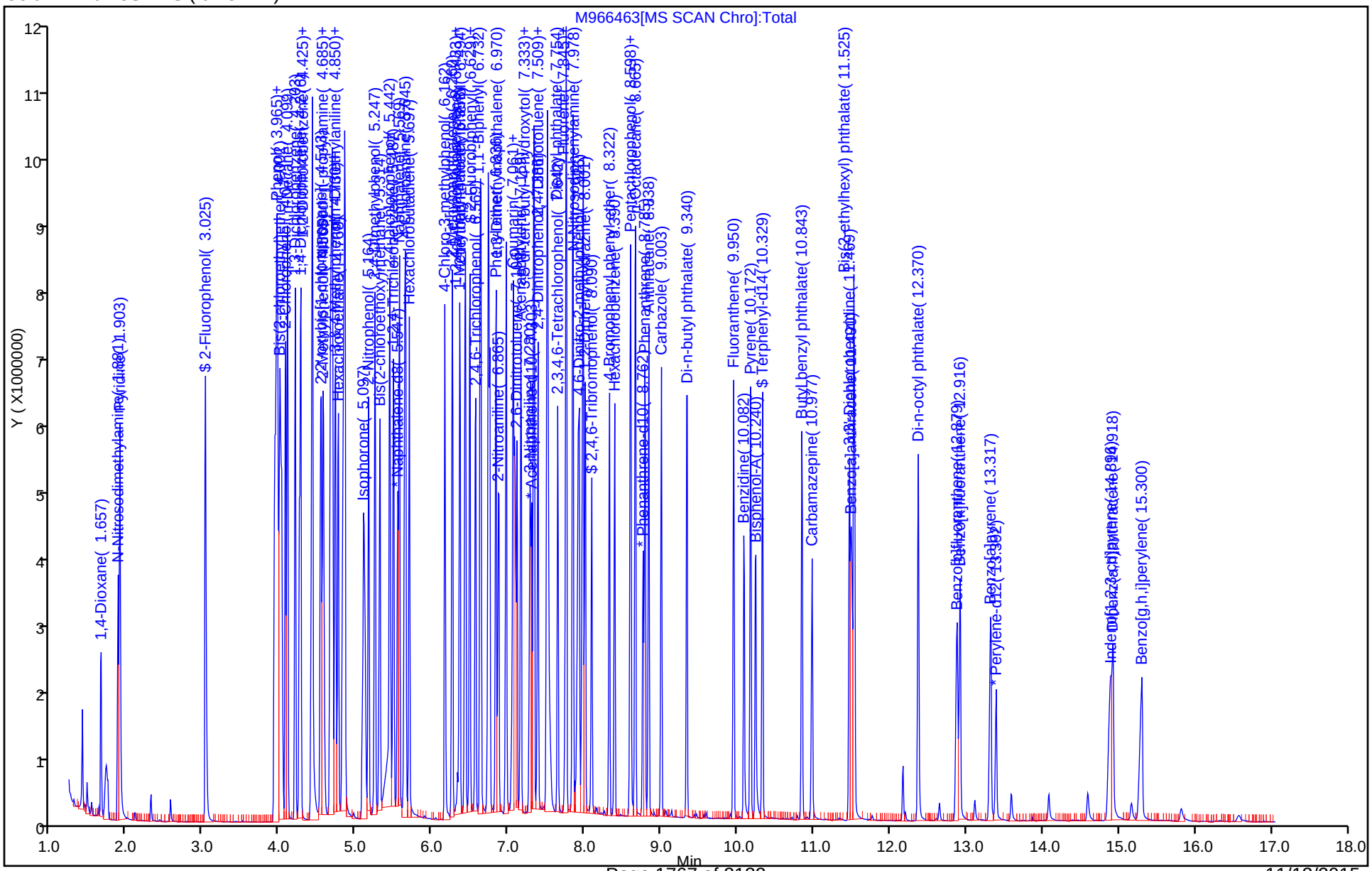
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966464.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Nov-2015 18:02:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-005
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:44 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:25:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.650	1.656	-0.006	96	224132	4.00	4.36	
2 N-Nitrosodimethylamine	74	1.873	1.878	-0.005	81	431808	4.00	4.36	
3 Pyridine	79	1.902	1.901	0.001	83	632557	4.00	4.56	
$ 4 2-Fluorophenol	112	3.029	3.026	0.003	89	558763	4.00	4.27	
8 Aniline	93	3.923	3.934	-0.012	97	953860	4.00	4.34	
$ 6 Phenol-d5	99	3.945	3.949	-0.004	39	751743	4.00	4.46	
7 Phenol	94	3.960	3.964	-0.004	48	847874	4.00	4.76	
9 Bis(2-chloroethyl)ether	93	3.981	3.994	-0.013	75	633701	4.00	3.89	
10 Benzonitrile	103	3.996	4.009	-0.013	83	1051974	NC	NC	
11 2-Chlorophenol	128	4.064	4.069	-0.005	84	533329	4.00	4.49	
12 n-Decane	43	4.094	4.099	-0.005	82	730779	4.00	4.71	
13 1,3-Dichlorobenzene	146	4.198	4.196	0.002	90	539161	4.00	4.42	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	672750	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.266	4.271	-0.005	88	521128	4.00	4.47	
17 Benzyl alcohol	108	4.408	4.412	-0.004	87	375075	4.00	4.36	
18 1,2-Dichlorobenzene	146	4.423	4.427	-0.004	89	502541	4.00	4.64	
20 2,2'-oxybis[1-chloropropan	45	4.535	4.532	0.003	91	1283266	4.00	4.39	
19 2-Methylphenol	108	4.557	4.562	-0.005	86	511501	4.00	4.26	
23 N-Methylaniline	106	4.654	4.659	-0.005	71	788476	NC	NC	
24 Acetophenone	105	4.662	4.674	-0.012	79	727133	4.00	4.34	
25 N-Nitrosodi-n-propylamine	70	4.669	4.682	-0.013	94	499606	4.00	4.09	
26 3 & 4 Methylphenol	108	4.713	4.719	-0.006	20	570127	4.00	4.57	
21 4-Methylphenol	108	4.713	4.719	-0.006	92	559606	4.00	4.56	
27 Hexachloroethane	117	4.758	4.764	-0.006	84	256956	4.00	4.11	
$ 28 Nitrobenzene-d5	82	4.811	4.824	-0.013	94	711010	4.00	4.20	
29 Nitrobenzene	77	4.833	4.847	-0.014	84	868769	4.00	4.09	
30 n,n'-Dimethylaniline	120	4.833	4.847	-0.014	62	632958	4.00	4.08	
31 Isophorone	82	5.072	5.085	-0.013	96	1283260	4.00	3.99	
32 2-Nitrophenol	139	5.154	5.160	-0.006	80	341649	4.00	4.31	
33 2,4-Dimethylphenol	122	5.236	5.242	-0.006	85	457503	4.00	4.42	
34 Bis(2-chloroethoxy)methane	93	5.296	5.309	-0.013	91	724658	4.00	4.37	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.379	5.421	-0.042	56	204891	4.00	3.92	
36 2,4-Dichlorophenol	162	5.431	5.436	-0.005	86	432575	4.00	4.33	
37 1,2,4-Trichlorobenzene	180	5.484	5.486	-0.002	88	429962	4.00	4.04	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	97	2260595	8.00	8.00	
39 Naphthalene	128	5.559	5.566	-0.007	93	1226701	4.00	4.16	
40 4-Chloroaniline	127	5.626	5.633	-0.007	89	615292	4.00	4.39	
41 Hexachlorobutadiene	225	5.692	5.693	-0.001	87	239911	4.00	4.09	
44 4-Chloro-3-methylphenol	107	6.162	6.160	0.002	93	487761	4.00	4.42	
45 2-Methylnaphthalene	142	6.251	6.256	-0.005	76	886776	4.00	4.18	
46 1-Methylnaphthalene	142	6.356	6.353	0.003	80	811222	4.00	4.45	
47 Hexachlorocyclopentadiene	237	6.424	6.420	0.004	64	203908	4.00	3.92	
48 1,2,4,5-Tetrachlorobenzene	216	6.424	6.435	-0.011	88	423495	4.00	4.35	
49 2-tertbutyl-4-methylphenol	149	6.484	6.487	-0.003	87	589505	4.00	4.27	
50 2,4,6-Trichlorophenol	196	6.559	6.560	-0.001	85	289287	4.00	4.20	
51 2,4,5-Trichlorophenol	196	6.627	6.626	0.001	59	279231	4.00	4.24	
$ 52 2-Fluorobiphenyl	172	6.627	6.634	-0.007	96	920991	4.00	4.14	
53 1,1'-Biphenyl	154	6.725	6.731	-0.007	97	1003640	4.00	4.34	
54 2-Chloronaphthalene	162	6.740	6.746	-0.006	94	773389	4.00	4.36	
55 Phenyl ether	170	6.829	6.827	0.002	88	534722	4.00	4.24	
57 2-Nitroaniline	65	6.850	6.858	-0.008	68	370582	4.00	4.24	
58 1,3-Dimethylnaphthalene	156	6.961	6.963	-0.002	89	648850	4.00	4.29	
59 Dimethyl phthalate	163	7.034	7.046	-0.012	94	875041	4.00	4.22	
60 Coumarin	146	7.049	7.060	-0.011	73	300669	4.00	4.19	
61 2,6-Dinitrotoluene	165	7.094	7.098	-0.004	31	238358	4.00	4.12	
62 Acenaphthylene	152	7.153	7.157	-0.004	96	1253745	4.00	4.36	
63 3-Nitroaniline	138	7.265	7.275	-0.010	90	272515	4.00	4.23	
* 64 Acenaphthene-d10	164	7.296	7.293	0.003	90	1132274	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.318	7.328	-0.010	73	536806	4.00	4.33	
66 Acenaphthene	154	7.326	7.328	-0.002	89	687909	4.00	4.48	
67 2,4-Dinitrophenol	184	7.363	7.373	-0.010	73	281938	8.00	8.44	
70 2,4-Dinitrotoluene	165	7.491	7.493	-0.002	68	295418	4.00	4.36	
71 Dibenzofuran	168	7.491	7.501	-0.010	87	1070234	4.00	4.28	
69 4-Nitrophenol	65	7.514	7.516	-0.002	27	445228	8.00	8.65	
72 2,3,4,6-Tetrachlorophenol	232	7.640	7.637	0.003	90	249457	4.00	4.37	
73 Diethyl phthalate	149	7.730	7.739	-0.009	95	918165	4.00	4.87	
74 4-Chlorophenyl phenyl ethe	204	7.836	7.835	0.001	78	385850	4.00	4.34	
75 Fluorene	166	7.836	7.835	0.001	78	787410	4.00	4.77	
76 4-Nitroaniline	138	7.872	7.895	-0.023	58	239286	4.00	4.40	
77 4,6-Dinitro-2-methylphenol	198	7.894	7.910	-0.016	75	349178	8.00	8.74	
78 N-Nitrosodiphenylamine	169	7.954	7.970	-0.016	66	1181007	6.80	6.80	
79 1,2-Diphenylhydrazine	77	7.992	8.000	-0.008	94	1173783	4.00	4.38	
$ 80 2,4,6-Tribromophenol	330	8.075	8.083	-0.008	90	186602	4.00	4.48	
81 4-Bromophenyl phenyl ether	248	8.314	8.321	-0.007	86	270553	4.00	4.48	
82 Hexachlorobenzene	284	8.382	8.389	-0.007	89	294946	4.00	4.09	
85 Pentachloronitrobenzene	237	8.589	8.589	0.000	56	104608	4.00	4.34	
84 Pentachlorophenol	266	8.589	8.596	-0.007	86	291373	8.00	9.25	
86 n-Octadecane	57	8.656	8.662	-0.006	96	800236	4.00	4.19	
* 87 Phenanthrene-d10	188	8.752	8.750	0.002	99	1850870	8.00	8.00	
88 Phenanthrene	178	8.774	8.782	-0.008	97	1021512	4.00	4.31	
89 Anthracene	178	8.825	8.835	-0.010	96	1051566	4.00	4.40	
90 Carbazole	167	8.990	9.000	-0.010	83	1017273	4.00	4.23	
91 Di-n-butyl phthalate	149	9.331	9.337	-0.006	99	1354875	4.00	4.18	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.940	9.949	-0.009	97	1027384	4.00	4.26	
93 Benzidine	184	10.075	10.084	-0.009	98	500156	4.00	4.19	
94 Pyrene	202	10.166	10.167	-0.001	97	1028110	4.00	4.14	
95 Bisphenol-A	213	10.232	10.234	-0.002	0	381930	4.00	3.80	
$ 96 Terphenyl-d14	244	10.322	10.322	0.000	98	740039	4.00	4.10	
97 Butyl benzyl phthalate	149	10.838	10.841	-0.003	96	518283	4.00	4.06	
99 Carbamazepine	193	10.958	10.973	-0.015	83	303622	4.00	4.06	
100 3,3'-Dichlorobenzidine	252	11.457	11.462	-0.005	98	324503	4.00	4.44	
101 Benzo[a]anthracene	228	11.479	11.483	-0.004	89	757123	4.00	3.84	
* 102 Chrysene-d12	240	11.493	11.487	0.006	97	1320346	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.521	11.524	-0.003	85	639026	4.00	4.27	
104 Chrysene	228	11.521	11.531	-0.010	95	711924	4.00	4.25	
105 Di-n-octyl phthalate	149	12.361	12.367	-0.006	93	1005596	4.00	4.37	
106 Benzo[b]fluoranthene	252	12.865	12.874	-0.009	90	613797	4.00	3.97	
107 Benzo[k]fluoranthene	252	12.895	12.912	-0.017	93	658954	4.00	3.99	
108 Benzo[a]pyrene	252	13.298	13.314	-0.016	97	607136	4.00	4.15	
* 109 Perylene-d12	264	13.387	13.386	0.001	99	1092310	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.856	14.875	-0.019	95	526754	4.00	4.00	
111 Dibenz(a,h)anthracene	278	14.893	14.913	-0.020	97	519151	4.00	4.12	
112 Benzo[g,h,i]perylene	276	15.267	15.284	-0.017	92	520014	4.00	3.91	
S 119 Total Cresols	1				0			8.83	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL5_00016 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966464.D

Injection Date: 11-Nov-2015 18:02:30 Instrument ID: CBNAMS6 Operator ID:

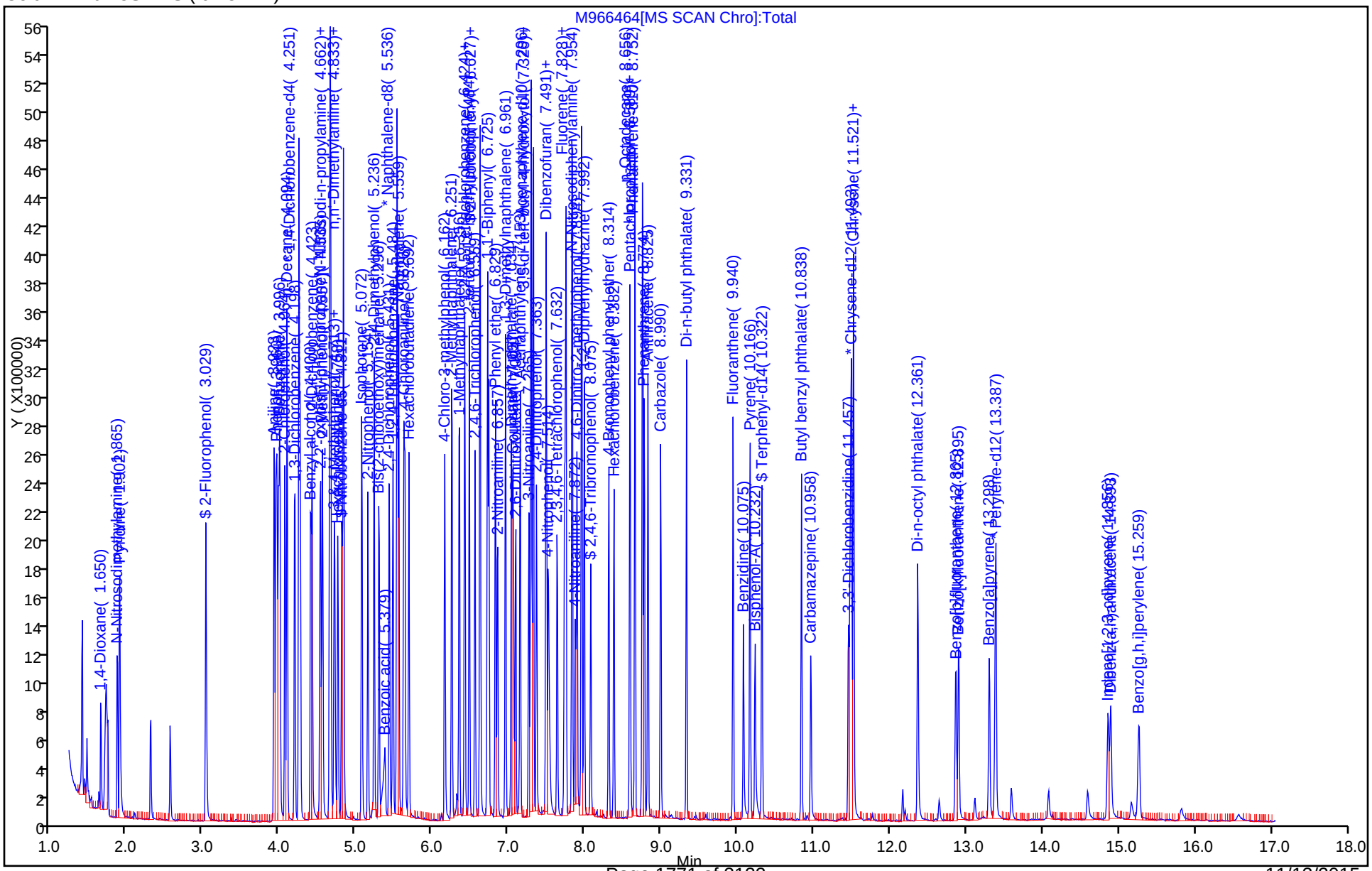
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966465.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Nov-2015 18:23:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-006
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:39 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 18:32:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	97	119039	2.00	2.13	
2 N-Nitrosodimethylamine	74	1.871	1.878	-0.007	77	223878	2.00	2.08	
3 Pyridine	79	1.901	1.901	0.000	81	324346	2.00	2.16	
$ 4 2-Fluorophenol	112	3.035	3.026	0.009	90	309911	2.00	2.18	
8 Aniline	93	3.924	3.934	-0.010	98	546329	2.00	2.29	
$ 6 Phenol-d5	99	3.954	3.949	0.005	36	410083	2.00	2.25	
7 Phenol	94	3.961	3.964	-0.003	97	430713	2.00	2.23	
9 Bis(2-chloroethyl)ether	93	3.984	3.994	-0.010	78	356708	2.00	2.02	
10 Benzonitrile	103	3.998	4.009	-0.011	83	576676	NC	NC	
11 2-Chlorophenol	128	4.065	4.069	-0.004	85	296625	2.00	2.30	
12 n-Decane	43	4.095	4.099	-0.004	82	441469	2.00	2.54	
13 1,3-Dichlorobenzene	146	4.192	4.196	-0.004	89	301966	2.00	2.28	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	729516	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.265	4.271	-0.006	78	285631	2.00	2.26	
17 Benzyl alcohol	108	4.399	4.412	-0.013	85	210380	2.00	2.26	
18 1,2-Dichlorobenzene	146	4.420	4.427	-0.007	88	291941	2.00	2.43	
20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	91	717712	2.00	2.26	
19 2-Methylphenol	108	4.554	4.562	-0.008	85	281378	2.00	2.16	
23 N-Methylaniline	106	4.650	4.659	-0.009	70	430602	NC	NC	
24 Acetophenone	105	4.658	4.674	-0.016	78	410429	2.00	2.26	
25 N-Nitrosodi-n-propylamine	70	4.665	4.682	-0.017	94	276627	2.00	2.09	
26 3 & 4 Methylphenol	108	4.717	4.719	-0.002	19	307734	2.00	2.28	
21 4-Methylphenol	108	4.717	4.719	-0.002	90	302768	2.00	2.28	
27 Hexachloroethane	117	4.761	4.764	-0.003	87	138782	2.00	2.05	
$ 28 Nitrobenzene-d5	82	4.814	4.824	-0.010	91	390990	2.00	2.33	
29 Nitrobenzene	77	4.829	4.847	-0.018	85	507014	2.00	2.31	
30 n,n'-Dimethylaniline	120	4.836	4.847	-0.011	82	354064	2.00	2.00	
31 Isophorone	82	5.067	5.085	-0.018	96	774286	2.00	2.42	
32 2-Nitrophenol	139	5.156	5.160	-0.004	83	180913	2.00	2.30	
33 2,4-Dimethylphenol	122	5.237	5.242	-0.005	85	242339	2.00	2.36	
34 Bis(2-chloroethoxy)methane	93	5.297	5.309	-0.012	93	391746	2.00	2.38	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.357	5.421	-0.064	66	86040	2.00	2.03	
36 2,4-Dichlorophenol	162	5.439	5.436	0.003	93	240304	2.00	2.42	
37 1,2,4-Trichlorobenzene	180	5.484	5.486	-0.002	91	236393	2.00	2.24	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	97	2244503	8.00	8.00	
39 Naphthalene	128	5.557	5.566	-0.009	88	716502	2.00	2.45	
40 4-Chloroaniline	127	5.623	5.633	-0.010	89	350495	2.00	2.52	
41 Hexachlorobutadiene	225	5.689	5.693	-0.004	87	134737	2.00	2.32	
44 4-Chloro-3-methylphenol	107	6.164	6.160	0.004	92	272160	2.00	2.48	
45 2-Methylnaphthalene	142	6.254	6.256	-0.002	77	505886	2.00	2.15	
46 1-Methylnaphthalene	142	6.350	6.353	-0.003	80	447818	2.00	2.47	
47 Hexachlorocyclopentadiene	237	6.418	6.420	-0.002	77	104599	2.00	1.89	
48 1,2,4,5-Tetrachlorobenzene	216	6.425	6.435	-0.010	90	230076	2.00	2.23	
49 2-tertbutyl-4-methylphenol	149	6.485	6.487	-0.002	89	313213	2.00	2.29	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	89	155866	2.00	2.13	
51 2,4,5-Trichlorophenol	196	6.626	6.626	0.000	62	163497	2.00	2.34	
$ 52 2-Fluorobiphenyl	172	6.626	6.634	-0.008	96	525555	2.00	2.22	
53 1,1'-Biphenyl	154	6.724	6.731	-0.007	97	576079	2.00	2.35	
54 2-Chloronaphthalene	162	6.739	6.746	-0.007	95	434891	2.00	2.31	
55 Phenyl ether	170	6.829	6.827	0.002	86	278221	2.00	2.08	
57 2-Nitroaniline	65	6.851	6.858	-0.007	77	206176	2.00	2.22	
58 1,3-Dimethylnaphthalene	156	6.956	6.963	-0.007	88	350867	2.00	2.18	
59 Dimethyl phthalate	163	7.031	7.046	-0.015	95	514756	2.00	2.34	
60 Coumarin	146	7.046	7.060	-0.014	70	169103	2.00	2.05	
61 2,6-Dinitrotoluene	165	7.090	7.098	-0.008	39	133933	2.00	2.18	
62 Acenaphthylene	152	7.149	7.157	-0.008	95	750209	2.00	2.46	
63 3-Nitroaniline	138	7.260	7.275	-0.015	89	152815	2.00	2.23	
* 64 Acenaphthene-d10	164	7.290	7.293	-0.003	91	1202424	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.320	7.328	-0.008	57	259595	2.00	1.97	
66 Acenaphthene	154	7.320	7.328	-0.008	90	388101	2.00	2.01	
67 2,4-Dinitrophenol	184	7.365	7.373	-0.008	91	141056	4.00	3.97	
70 2,4-Dinitrotoluene	165	7.490	7.493	-0.003	68	165790	2.00	2.30	
71 Dibenzofuran	168	7.497	7.501	-0.004	90	599484	2.00	2.26	
69 4-Nitrophenol	65	7.527	7.516	0.011	56	243329	4.00	4.45	
72 2,3,4,6-Tetrachlorophenol	232	7.639	7.637	0.002	88	133952	2.00	2.21	
73 Diethyl phthalate	149	7.729	7.739	-0.010	96	522532	2.00	2.53	
74 4-Chlorophenyl phenyl ethe	204	7.832	7.835	-0.003	75	216872	2.00	2.30	
75 Fluorene	166	7.832	7.835	-0.003	77	446671	2.00	2.48	
76 4-Nitroaniline	138	7.868	7.895	-0.027	41	134688	2.00	2.33	
77 4,6-Dinitro-2-methylphenol	198	7.890	7.910	-0.020	70	176170	4.00	4.11	
78 N-Nitrosodiphenylamine	169	7.950	7.970	-0.020	65	684139	3.40	3.67	
79 1,2-Diphenylhydrazine	77	7.988	8.000	-0.012	92	712766	2.00	2.43	
$ 80 2,4,6-Tribromophenol	330	8.076	8.083	-0.007	91	94210	2.00	2.13	
81 4-Bromophenyl phenyl ether	248	8.315	8.321	-0.006	86	138118	2.00	2.13	
82 Hexachlorobenzene	284	8.381	8.389	-0.008	92	178117	2.00	2.30	
85 Pentachloronitrobenzene	237	8.588	8.589	-0.001	59	55478	2.00	2.15	
84 Pentachlorophenol	266	8.588	8.596	-0.008	83	136353	4.00	4.03	
86 n-Octadecane	57	8.654	8.662	-0.008	96	466467	2.00	1.95	
* 87 Phenanthrene-d10	188	8.757	8.750	0.007	98	1985617	8.00	8.00	
88 Phenanthrene	178	8.779	8.782	-0.003	90	586565	2.00	2.31	
89 Anthracene	178	8.823	8.835	-0.012	96	578251	2.00	2.25	
90 Carbazole	167	8.994	9.000	-0.006	83	597632	2.00	2.31	
91 Di-n-butyl phthalate	149	9.330	9.337	-0.007	99	808789	2.00	2.06	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.940	9.949	-0.009	97	607912	2.00	2.35	
93 Benzidine	184	10.073	10.084	-0.011	94	203488	2.00	1.59	
94 Pyrene	202	10.163	10.167	-0.004	95	609592	2.00	2.34	
95 Bisphenol-A	213	10.231	10.234	-0.003	0	212141	2.00	2.02	
$ 96 Terphenyl-d14	244	10.319	10.322	-0.003	98	388727	2.00	2.06	
97 Butyl benzyl phthalate	149	10.834	10.841	-0.007	94	296373	2.00	2.22	
99 Carbamazepine	193	10.959	10.973	-0.014	84	137978	2.00	1.76	
100 3,3'-Dichlorobenzidine	252	11.454	11.462	-0.008	96	137062	2.00	1.79	
101 Benzo[a]anthracene	228	11.477	11.483	-0.007	98	430700	2.00	2.09	
* 102 Chrysene-d12	240	11.490	11.487	0.003	98	1383898	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.518	11.524	-0.006	82	359067	2.00	2.29	
104 Chrysene	228	11.518	11.531	-0.013	94	409410	2.00	2.33	
105 Di-n-octyl phthalate	149	12.359	12.367	-0.008	94	532479	2.00	2.31	
106 Benzo[b]fluoranthene	252	12.857	12.874	-0.017	95	339965	2.00	2.19	
107 Benzo[k]fluoranthene	252	12.895	12.912	-0.017	95	358352	2.00	2.17	M
108 Benzo[a]pyrene	252	13.298	13.314	-0.016	86	320551	2.00	2.19	
* 109 Perylene-d12	264	13.388	13.386	0.002	99	1095025	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	96	280415	2.00	2.12	M
111 Dibenz(a,h)anthracene	278	14.891	14.913	-0.022	94	274332	2.00	2.17	
112 Benzo[g,h,i]perylene	276	15.258	15.284	-0.026	90	261798	2.00	1.96	
S 119 Total Cresols	1				0			4.44	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL4_00028 Amount Added: 1.00 Units: mL

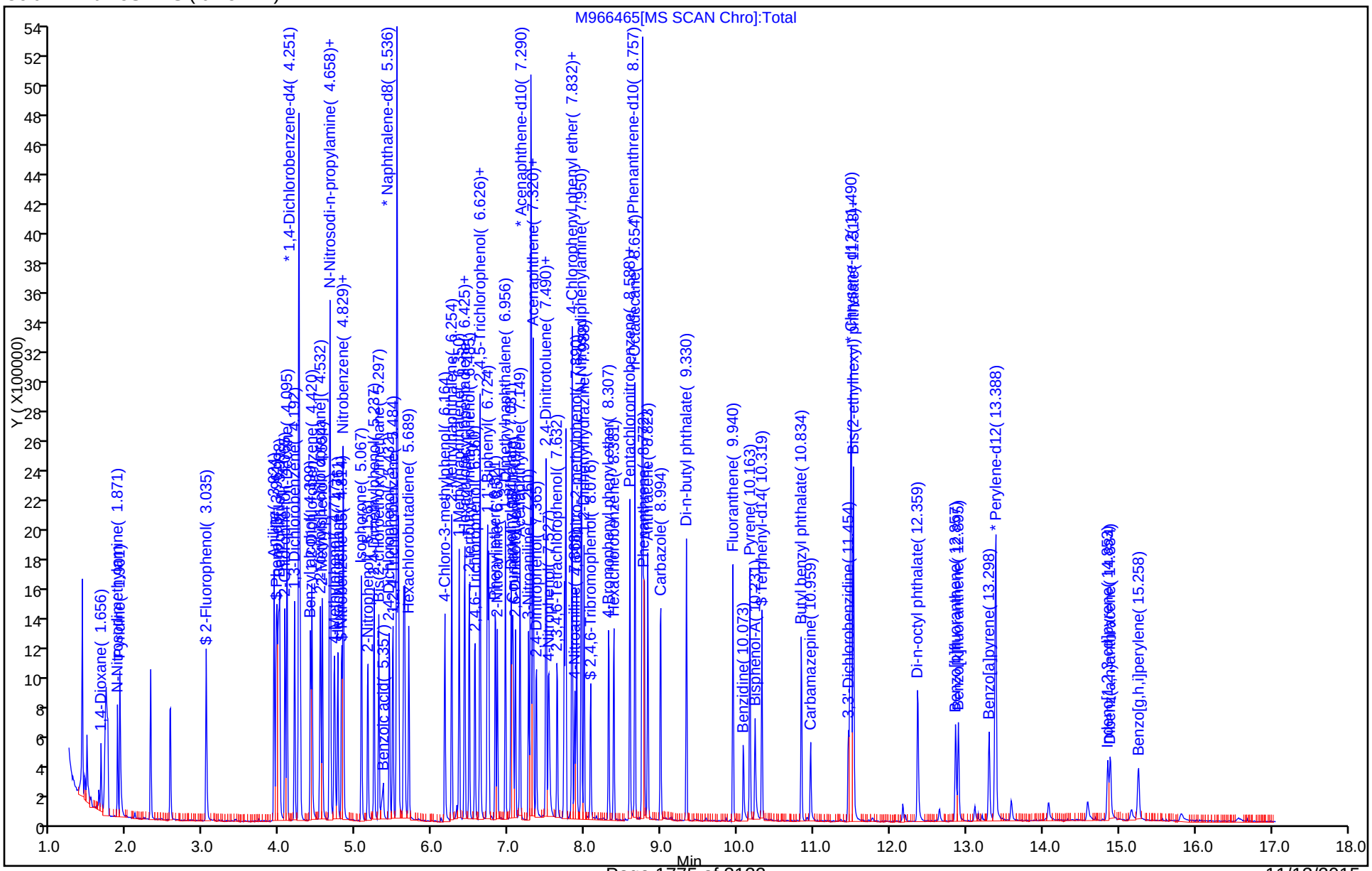
Report Date: 12-Nov-2015 11:41:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966465.D

Injection Date:	11-Nov-2015 18:23:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966466.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 11-Nov-2015 18:44:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-007
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:33 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:07:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.656	1.656	0.000	94	57903	1.00	1.04	
2 N-Nitrosodimethylamine	74	1.878	1.878	0.000	81	112854	1.00	1.05	
3 Pyridine	79	1.908	1.901	0.007	81	154881	1.00	1.03	
$ 4 2-Fluorophenol	112	3.041	3.026	0.015	91	134953	1.00	0.9517	
8 Aniline	93	3.924	3.934	-0.010	98	264227	1.00	1.11	
$ 6 Phenol-d5	99	3.953	3.949	0.004	35	185890	1.00	1.02	
7 Phenol	94	3.968	3.964	0.004	97	227411	1.00	1.18	
9 Bis(2-chloroethyl)ether	93	3.983	3.994	-0.011	75	184094	1.00	1.04	M
10 Benzonitrile	103	3.998	4.009	-0.011	83	302973	NC	NC	
11 2-Chlorophenol	128	4.071	4.069	0.002	89	145018	1.00	1.13	
12 n-Decane	43	4.094	4.099	-0.005	93	222411	1.00	1.26	
13 1,3-Dichlorobenzene	146	4.191	4.196	-0.005	87	149578	1.00	1.13	
* 14 1,4-Dichlorobenzene-d4	152	4.251	4.246	0.005	96	728728	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.266	4.271	-0.005	79	143658	1.00	1.14	
17 Benzyl alcohol	108	4.398	4.412	-0.014	85	100780	1.00	1.08	
18 1,2-Dichlorobenzene	146	4.420	4.427	-0.007	89	155724	1.00	1.28	
20 2,2'-oxybis[1-chloropropan	45	4.531	4.532	-0.001	91	355380	1.00	1.12	
19 2-Methylphenol	108	4.554	4.562	-0.008	85	154645	1.00	1.19	
23 N-Methylaniline	106	4.650	4.659	-0.009	67	231302	NC	NC	
24 Acetophenone	105	4.657	4.674	-0.017	80	211914	1.00	1.17	
25 N-Nitrosodi-n-propylamine	70	4.657	4.682	-0.025	89	138142	1.00	1.04	
26 3 & 4 Methylphenol	108	4.716	4.719	-0.003	31	155616	1.00	1.15	
21 4-Methylphenol	108	4.716	4.719	-0.003	91	152864	1.00	1.15	
27 Hexachloroethane	117	4.761	4.764	-0.003	87	70552	1.00	1.04	
$ 28 Nitrobenzene-d5	82	4.812	4.824	-0.012	91	175307	1.00	1.01	
29 Nitrobenzene	77	4.827	4.847	-0.020	86	278992	1.00	1.19	
30 n,n'-Dimethylaniline	120	4.834	4.847	-0.013	71	207038	1.00	1.15	
31 Isophorone	82	5.065	5.085	-0.020	95	372433	1.00	1.12	
32 2-Nitrophenol	139	5.154	5.160	-0.006	85	91947	1.00	1.13	
33 2,4-Dimethylphenol	122	5.236	5.242	-0.006	86	126340	1.00	1.19	
34 Bis(2-chloroethoxy)methane	93	5.295	5.309	-0.014	92	197599	1.00	1.16	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.332	5.421	-0.089	63	22934	1.00	1.00	
36 2,4-Dichlorophenol	162	5.437	5.436	0.001	90	113847	1.00	1.11	
37 1,2,4-Trichlorobenzene	180	5.482	5.486	-0.004	88	116774	1.00	1.07	
* 38 Naphthalene-d8	136	5.534	5.536	-0.002	97	2326379	8.00	8.00	
39 Naphthalene	128	5.556	5.566	-0.010	86	344393	1.00	1.14	
40 4-Chloroaniline	127	5.624	5.633	-0.009	88	163005	1.00	1.13	
41 Hexachlorobutadiene	225	5.691	5.693	-0.002	88	66667	1.00	1.11	
44 4-Chloro-3-methylphenol	107	6.168	6.160	0.008	90	127925	1.00	1.13	
45 2-Methylnaphthalene	142	6.250	6.256	-0.006	77	254123	1.00	0.7882	
46 1-Methylnaphthalene	142	6.354	6.353	0.001	80	218892	1.00	1.17	
47 Hexachlorocyclopentadiene	237	6.421	6.420	0.001	57	52596	1.00	0.9482	
48 1,2,4,5-Tetrachlorobenzene	216	6.421	6.435	-0.014	87	117700	1.00	1.13	
49 2-tertbutyl-4-methylphenol	149	6.481	6.487	-0.006	85	174094	1.00	1.23	
50 2,4,6-Trichlorophenol	196	6.556	6.560	-0.004	81	76018	1.00	1.03	
51 2,4,5-Trichlorophenol	196	6.631	6.626	0.005	89	78424	1.00	1.12	
$ 52 2-Fluorobiphenyl	172	6.623	6.634	-0.011	96	249856	1.00	1.05	
53 1,1'-Biphenyl	154	6.720	6.731	-0.011	97	302311	1.00	1.23	
54 2-Chloronaphthalene	162	6.735	6.746	-0.011	95	223950	1.00	1.18	
55 Phenyl ether	170	6.823	6.827	-0.004	88	155190	1.00	1.15	
57 2-Nitroaniline	65	6.853	6.858	-0.005	62	104496	1.00	1.12	
58 1,3-Dimethylnaphthalene	156	6.957	6.963	-0.006	88	189159	1.00	1.17	
59 Dimethyl phthalate	163	7.032	7.046	-0.014	97	268517	1.00	1.22	
60 Coumarin	146	7.046	7.060	-0.014	75	93448	1.00	0.7799	
61 2,6-Dinitrotoluene	165	7.083	7.098	-0.015	47	67179	1.00	1.09	
62 Acenaphthylene	152	7.143	7.157	-0.014	95	364776	1.00	1.19	
63 3-Nitroaniline	138	7.262	7.275	-0.013	92	77534	1.00	1.13	
* 64 Acenaphthene-d10	164	7.292	7.293	-0.001	92	1207542	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.314	7.328	-0.014	71	160755	1.00	1.22	
66 Acenaphthene	154	7.322	7.328	-0.006	81	203200	1.00	0.7169	
67 2,4-Dinitrophenol	184	7.360	7.373	-0.013	89	52472	2.00	1.47	
70 2,4-Dinitrotoluene	165	7.484	7.493	-0.009	81	85906	1.00	1.19	
71 Dibenzofuran	168	7.492	7.501	-0.009	89	319996	1.00	1.20	
69 4-Nitrophenol	65	7.529	7.516	0.013	85	122477	2.00	2.23	
72 2,3,4,6-Tetrachlorophenol	232	7.632	7.637	-0.005	86	64272	1.00	1.06	
73 Diethyl phthalate	149	7.729	7.739	-0.010	97	288025	1.00	1.36	
74 4-Chlorophenyl phenyl ethe	204	7.834	7.835	-0.001	74	111554	1.00	1.18	
75 Fluorene	166	7.826	7.835	-0.009	77	240612	1.00	1.31	
76 4-Nitroaniline	138	7.864	7.895	-0.031	61	64105	1.00	1.11	
77 4,6-Dinitro-2-methylphenol	198	7.886	7.910	-0.024	71	86144	2.00	1.97	
78 N-Nitrosodiphenylamine	169	7.954	7.970	-0.016	67	362156	1.70	1.91	
79 1,2-Diphenylhydrazine	77	7.984	8.000	-0.016	89	353980	1.00	1.17	
$ 80 2,4,6-Tribromophenol	330	8.073	8.083	-0.010	95	45804	1.00	1.03	
81 4-Bromophenyl phenyl ether	248	8.311	8.321	-0.010	80	70185	1.00	1.06	
82 Hexachlorobenzene	284	8.378	8.389	-0.011	91	83716	1.00	1.06	
85 Pentachloronitrobenzene	237	8.591	8.589	0.002	62	27001	1.00	1.02	
84 Pentachlorophenol	266	8.591	8.596	-0.005	88	56400	2.00	1.64	
86 n-Octadecane	57	8.657	8.662	-0.005	95	269050	1.00	0.8621	
* 87 Phenanthrene-d10	188	8.754	8.750	0.004	98	2023077	8.00	8.00	
88 Phenanthrene	178	8.777	8.782	-0.005	75	306305	1.00	1.18	
89 Anthracene	178	8.822	8.835	-0.013	96	306723	1.00	1.17	
90 Carbazole	167	8.986	9.000	-0.014	82	316206	1.00	1.20	
91 Di-n-butyl phthalate	149	9.328	9.337	-0.009	98	411381	1.00	0.7878	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.939	9.949	-0.010	97	304195	1.00	1.15	
93 Benzidine	184	10.073	10.084	-0.011	98	96403	1.00	0.7385	
94 Pyrene	202	10.162	10.167	-0.005	96	308904	1.00	1.13	
95 Bisphenol-A	213	10.230	10.234	-0.004	0	100995	1.00	0.9127	
$ 96 Terphenyl-d14	244	10.320	10.322	-0.002	97	189866	1.00	0.9550	
97 Butyl benzyl phthalate	149	10.834	10.841	-0.007	95	148914	1.00	1.06	
99 Carbamazepine	193	10.959	10.973	-0.014	79	73597	1.00	0.8930	
100 3,3'-Dichlorobenzidine	252	11.450	11.462	-0.012	98	71769	1.00	0.8913	
101 Benzo[a]anthracene	228	11.473	11.483	-0.010	88	212869	1.00	0.9804	
* 102 Chrysene-d12	240	11.494	11.487	0.007	99	1455391	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.516	11.524	-0.008	77	172249	1.00	1.04	
104 Chrysene	228	11.516	11.531	-0.015	95	196105	1.00	1.06	
105 Di-n-octyl phthalate	149	12.363	12.367	-0.004	93	260508	1.00	1.10	
106 Benzo[b]fluoranthene	252	12.860	12.874	-0.014	94	148119	1.00	0.9298	
107 Benzo[k]fluoranthene	252	12.890	12.912	-0.022	93	173197	1.00	1.02	
108 Benzo[a]pyrene	252	13.297	13.314	-0.017	95	145365	1.00	0.9646	
* 109 Perylene-d12	264	13.387	13.386	0.001	99	1126160	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.847	14.875	-0.028	85	132020	1.00	0.9726	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	92	121862	1.00	0.9372	
112 Benzo[g,h,i]perylene	276	15.248	15.284	-0.036	77	125799	1.00	0.9165	
S 119 Total Cresols	1				0			2.34	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL3_00022 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 11:41:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966466.D

Injection Date: 11-Nov-2015 18:44:30 Instrument ID: CBNAMS6 Operator ID:

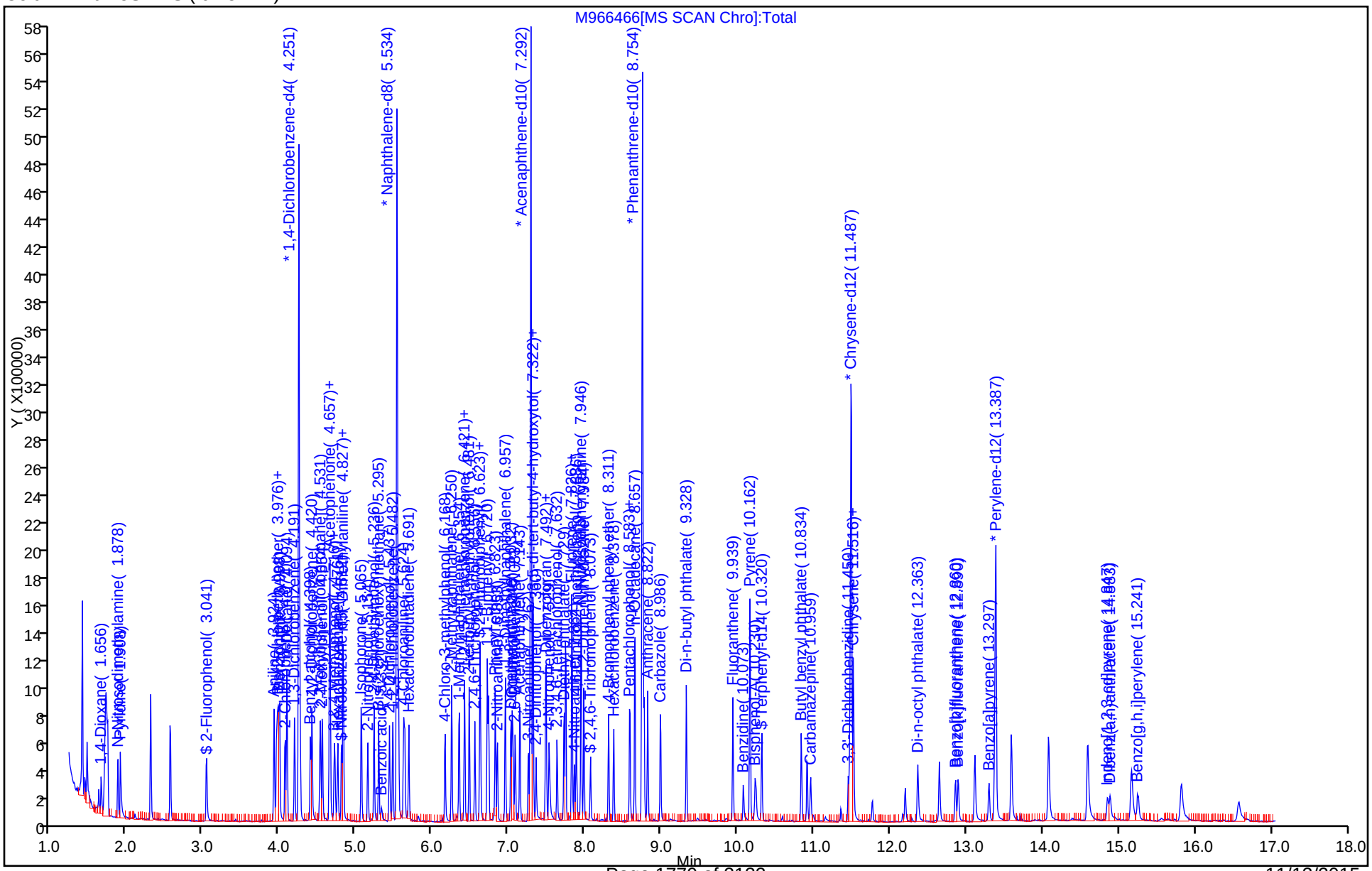
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966467.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Nov-2015 19:05:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-008
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:27 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:09:02

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.046	3.026	0.020	83	27867	0.2000	0.2117	
$ 6 Phenol-d5	99	3.966	3.949	0.017	59	41396	0.2000	0.2444	
9 Bis(2-chloroethyl)ether	93	3.981	3.994	-0.013	72	39522	0.2000	0.2410	M
* 14 1,4-Dichlorobenzene-d4	152	4.249	4.246	0.003	96	676578	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.660	4.682	-0.022	92	29943	0.2000	0.2435	
27 Hexachloroethane	117	4.757	4.764	-0.007	81	15124	0.2000	0.2408	
$ 28 Nitrobenzene-d5	82	4.808	4.824	-0.016	91	38875	0.2000	0.2293	
29 Nitrobenzene	77	4.831	4.847	-0.016	86	55457	0.2000	0.2387	
30 n,n'-Dimethylaniline	120	4.831	4.847	-0.016	72	38916	0.2000	0.2277	
31 Isophorone	82	5.069	5.085	-0.016	94	72148	0.2000	0.2237	
37 1,2,4-Trichlorobenzene	180	5.479	5.486	-0.007	85	23043	0.2000	0.2162	
* 38 Naphthalene-d8	136	5.531	5.536	-0.005	97	2266519	8.00	8.00	
41 Hexachlorobutadiene	225	5.688	5.693	-0.005	81	12086	0.2000	0.2057	
50 2,4,6-Trichlorophenol	196	6.559	6.560	-0.001	84	15238	0.2000	0.2143	
$ 52 2-Fluorobiphenyl	172	6.618	6.634	-0.016	95	55598	0.2000	0.2421	
61 2,6-Dinitrotoluene	165	7.087	7.098	-0.011	44	13305	0.2000	0.2228	
* 64 Acenaphthene-d10	164	7.288	7.293	-0.005	94	1168205	8.00	8.00	
70 2,4-Dinitrotoluene	165	7.487	7.493	-0.006	62	15407	0.2000	0.2202	
77 4,6-Dinitro-2-methylphenol	198	7.883	7.910	-0.027	51	14196	0.4000	0.3223	
78 N-Nitrosodiphenylamine	169	7.950	7.970	-0.020	65	77290	0.3400	0.4033	
$ 80 2,4,6-Tribromophenol	330	8.070	8.083	-0.013	67	8686	0.2000	0.2021	
82 Hexachlorobenzene	284	8.373	8.389	-0.016	85	17411	0.2000	0.2187	
* 87 Phenanthrene-d10	188	8.751	8.750	0.001	98	2041574	8.00	8.00	
$ 96 Terphenyl-d14	244	10.321	10.322	-0.001	91	43073	0.2000	0.2231	
100 3,3'-Dichlorobenzidine	252	11.449	11.462	-0.013	49	12569	0.2000	0.1607	
101 Benzo[a]anthracene	228	11.471	11.483	-0.012	45	46727	0.2000	0.2216	
* 102 Chrysene-d12	240	11.486	11.487	-0.001	99	1413321	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.516	11.524	-0.008	52	33919	0.2000	0.2118	
104 Chrysene	228	11.516	11.531	-0.015	79	39643	0.2000	0.2213	
106 Benzo[b]fluoranthene	252	12.859	12.874	-0.015	92	30350	0.2000	0.1995	
107 Benzo[k]fluoranthene	252	12.889	12.912	-0.023	75	36836	0.2000	0.2268	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Benzo[a]pyrene	252	13.292	13.314	-0.022	91	29817	0.2000	0.2072	
* 109 Perylene-d12	264	13.382	13.386	-0.004	99	1075367	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	90	22399	0.2000	0.1728	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	43	23375	0.2000	0.1883	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL2_00019 Amount Added: 1.00 Units: mL

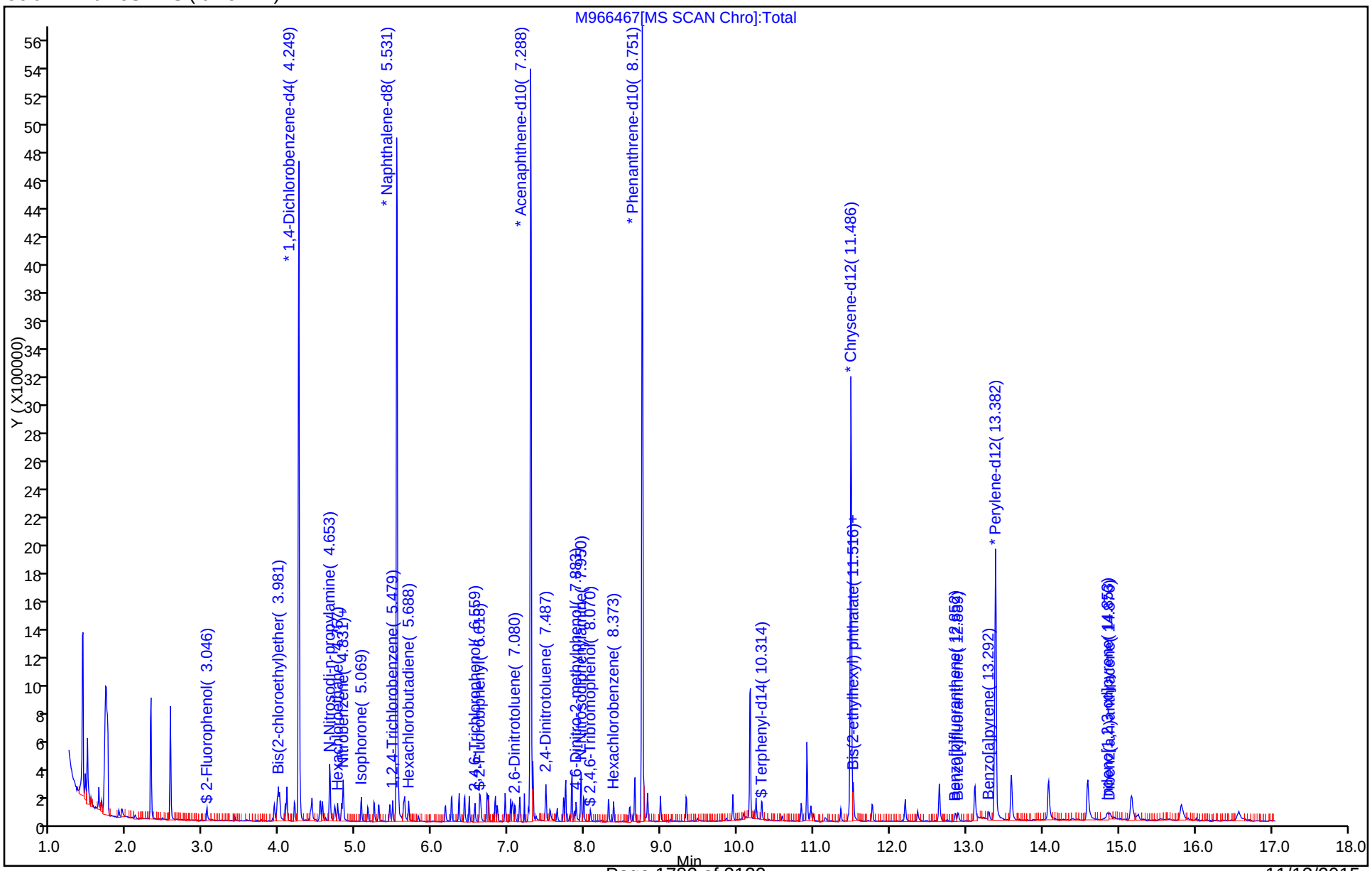
Report Date: 12-Nov-2015 11:41:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966467.D

Injection Date:	11-Nov-2015 19:05:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD02			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Nov-2015 19:26:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-009
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:21 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 20:10:40

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
9 Bis(2-chloroethyl)ether	93	3.986	3.994	-0.008	75	21727	0.1000	0.1261	M
* 14 1,4-Dichlorobenzene-d4	152	4.246	4.246	0.000	95	710690	8.00	8.00	
25 N-Nitrosodi-n-propylamine	70	4.661	4.682	-0.021	84	15275	0.1000	0.1182	
27 Hexachloroethane	117	4.757	4.764	-0.007	75	8299	0.1000	0.1258	
$ 28 Nitrobenzene-d5	82	4.809	4.824	-0.015	80	18903	0.1000	0.1076	
29 Nitrobenzene	77	4.831	4.847	-0.016	81	31113	0.1000	0.1290	
30 n,n'-Dimethylaniline	120	4.831	4.847	-0.016	69	22152	0.1000	0.1231	
37 1,2,4-Trichlorobenzene	180	5.478	5.486	-0.008	78	12288	0.1000	0.1113	
* 38 Naphthalene-d8	136	5.537	5.536	0.001	98	2347755	8.00	8.00	
41 Hexachlorobutadiene	225	5.693	5.693	0.000	74	6266	0.1000	0.1029	
$ 52 2-Fluorobiphenyl	172	6.619	6.634	-0.015	91	29204	0.1000	0.1210	
* 64 Acenaphthene-d10	164	7.293	7.293	0.000	96	1227980	8.00	8.00	
82 Hexachlorobenzene	284	8.379	8.389	-0.010	68	8110	0.1000	0.0987	
* 87 Phenanthrene-d10	188	8.751	8.750	0.001	98	2106873	8.00	8.00	
$ 96 Terphenyl-d14	244	10.315	10.322	-0.007	84	23658	0.1000	0.1204	
101 Benzo[a]anthracene	228	11.472	11.483	-0.011	39	26440	0.1000	0.1232	
* 102 Chrysene-d12	240	11.486	11.487	-0.001	99	1438484	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.854	12.874	-0.020	86	17148	0.1000	0.1053	
107 Benzo[k]fluoranthene	252	12.891	12.912	-0.021	76	20626	0.1000	0.1187	
108 Benzo[a]pyrene	252	13.292	13.314	-0.022	67	16264	0.1000	0.1056	
* 109 Perylene-d12	264	13.382	13.386	-0.004	99	1150753	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.853	14.875	-0.022	69	11586	0.1000	0.0835	M
111 Dibenz(a,h)anthracene	278	14.883	14.913	-0.030	36	11631	0.1000	0.0875	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_BNAL1_00018 Amount Added: 1.00 Units: mL

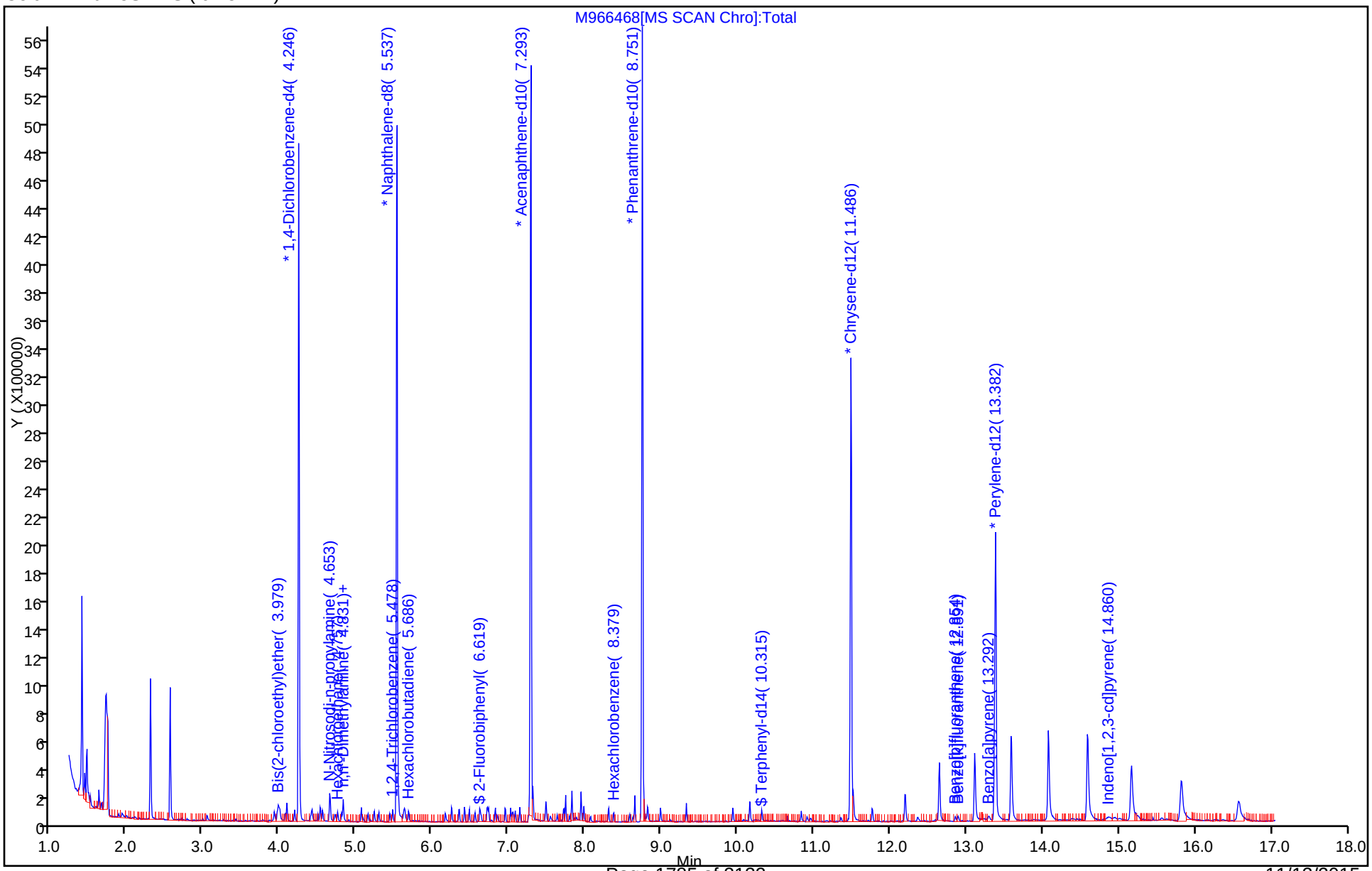
Report Date: 12-Nov-2015 11:41:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Injection Date:	11-Nov-2015 19:26:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	STD01			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334252/2 Calibration Date: 11/10/2015 06:58

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38451.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5826	0.5705	0.0100	49000	50000	-2.1	20.0
N-Nitrosodimethylamine	Ave	0.8709	0.8713		50000	50000	0.0	20.0
Pyridine	Ave	1.481	1.407		47500	50000	-5.0	20.0
Aniline	Ave	2.065	2.043		49500	50000	-1.1	20.0
Phenol	Ave	1.736	1.760	0.8000	50700	50000	1.3	20.0
Bis(2-chloroethyl)ether	Ave	1.382	1.327	0.7000	48000	50000	-4.0	20.0
2-Chlorophenol	Ave	1.363	1.349	0.8000	49500	50000	-1.0	20.0
n-Decane	Ave	2.097	2.157	0.0100	51400	50000	2.9	20.0
1,3-Dichlorobenzene	Ave	1.574	1.541		49000	50000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.589	1.565		49200	50000	-1.5	20.0
Benzyl alcohol	Ave	0.8198	0.8163	0.0100	49800	50000	-0.4	20.0
1,2-Dichlorobenzene	Ave	1.488	1.449		48700	50000	-2.6	20.0
2-Methylphenol	Ave	1.168	1.141	0.7000	48800	50000	-2.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.574	2.578	0.0100	50100	50000	0.2	20.0
Acetophenone	Ave	1.604	1.566	0.0100	48800	50000	-2.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.9195	0.8710	0.5000	47400	50000	-5.3	20.0
3 & 4 Methylphenol	Ave	1.278	1.185		46400	50000	-7.3	20.0
4-Methylphenol	Ave	1.278	1.185	0.6000	46400	50000	-7.3	20.0
Hexachloroethane	Ave	0.5721	0.5453	0.3000	47700	50000	-4.7	20.0
Nitrobenzene	Ave	0.5008	0.4916	0.2000	49100	50000	-1.8	20.0
n,n'-Dimethylaniline	Ave	1.936	1.855	0.0100	47900	50000	-4.2	20.0
Isophorone	Ave	0.5949	0.5891	0.4000	49500	50000	-1.0	20.0
2-Nitrophenol	Ave	0.1989	0.1929	0.1000	48500	50000	-3.1	20.0
2,4-Dimethylphenol	Ave	0.3086	0.3032	0.2000	49100	50000	-1.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.3928	0.3864	0.3000	49200	50000	-1.6	20.0
Benzoic acid	Lin2		0.1362		43100	50000	-13.9	20.0
2,4-Dichlorophenol	Ave	0.2892	0.2803	0.2000	48500	50000	-3.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3176	0.3070		48300	50000	-3.3	20.0
Naphthalene	Ave	1.011	0.9854	0.7000	48700	50000	-2.6	20.0
4-Chloroaniline	Ave	0.3967	0.3933	0.0100	49600	50000	-0.9	20.0
Hexachlorobutadiene	Ave	0.1795	0.1738	0.0100	48400	50000	-3.2	20.0
4-Chloro-3-methylphenol	Ave	0.2486	0.2448		49200	50000	-1.5	20.0
2-Methylnaphthalene	Ave	0.6855	0.6594	0.4000	48100	50000	-3.8	20.0
1-Methylnaphthalene	Ave	0.5873	0.5693	0.0100	48500	50000	-3.1	20.0
Hexachlorocyclopentadiene	Ave	0.4401	0.3550	0.0500	40300	50000	-19.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6758	0.6715	0.0100	49700	50000	-0.6	20.0
2-tertbutyl-4-methylphenol	Ave	0.4304	0.4209	0.0100	48900	50000	-2.2	20.0
2,4,6-Trichlorophenol	Ave	0.4200	0.4201	0.2000	50000	50000	0.0	20.0
2,4,5-Trichlorophenol	Ave	0.4357	0.4316	0.2000	49500	50000	-0.9	20.0
Diphenyl	Ave	1.849	1.822	0.0100	49300	50000	-1.5	20.0
2-Chloronaphthalene	Ave	1.370	1.349	0.8000	49200	50000	-1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334252/2 Calibration Date: 11/10/2015 06:58

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38451.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9517	0.9683	0.0100	50900	50000	1.7	20.0
2-Nitroaniline	Ave	0.4639	0.4996	0.0100	53800	50000	7.7	20.0
1,3-Dimethylnaphthalene	Ave	1.159	1.168	0.0100	50400	50000	0.8	20.0
Dimethyl phthalate	Ave	1.243	1.221	0.0100	49100	50000	-1.7	20.0
Coumarin	Ave	0.1635	0.1643	0.0100	50300	50000	0.5	20.0
2,6-Dinitrotoluene	Ave	0.2986	0.2980	0.2000	49900	50000	-0.2	20.0
Acenaphthylene	Ave	2.054	2.044	0.9000	49800	50000	-0.5	20.0
3-Nitroaniline	Ave	0.3144	0.3185	0.0100	50700	50000	1.3	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.249	1.136	0.0100	45500	50000	-9.1	20.0
Acenaphthene	Ave	1.259	1.217	0.9000	48300	50000	-3.4	20.0
2,4-Dinitrophenol	Lin2		0.1559	0.0100	101000	100000	1.4	20.0
4-Nitrophenol	Ave	0.2001	0.2081	0.0100	104000	100000	4.0	20.0
2,4-Dinitrotoluene	Lin2		0.3467	0.2000	50600	50000	1.2	20.0
Dibenzofuran	Ave	1.760	1.731	0.8000	49200	50000	-1.7	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3194	0.3128	0.0100	49000	50000	-2.1	20.0
Diethyl phthalate	Ave	1.106	1.113	0.0100	50300	50000	0.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6173	0.5998	0.4000	48600	50000	-2.8	20.0
Fluorene	Ave	1.366	1.348	0.9000	49400	50000	-1.3	20.0
4-Nitroaniline	Ave	0.2622	0.2742	0.0100	52300	50000	4.6	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1349	0.0100	98600	100000	-1.4	20.0
N-Nitrosodiphenylamine	Ave	0.6860	0.6792	0.0100	99000	100000	-1.0	20.0
1,2-Diphenylhydrazine	Ave	0.9373	0.9362	0.0100	49900	50000	-0.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2698	0.2621	0.1000	48600	50000	-2.8	20.0
Hexachlorobenzene	Ave	0.2715	0.2733	0.1000	50300	50000	0.7	20.0
Pentachlorophenol	Lin2		0.1339	0.0500	89200	100000	-10.8	20.0
Pentachloronitrobenzene	Ave	0.0901	0.0916	0.0100	50800	50000	1.7	20.0
n-Octadecane	Ave	1.019	1.027	0.0100	50400	50000	0.8	20.0
Phenanthrene	Ave	1.178	1.161	0.7000	49300	50000	-1.4	20.0
Anthracene	Ave	1.187	1.179	0.7000	49600	50000	-0.7	20.0
Carbazole	Ave	0.9339	0.9285	0.0100	49700	50000	-0.6	20.0
Di-n-butyl phthalate	Ave	1.089	1.080	0.0100	49600	50000	-0.9	20.0
Fluoranthene	Ave	0.9290	0.9109	0.6000	49000	50000	-1.9	20.0
Benzidine	Ave	0.4236	0.3926		46300	50000	-7.3	20.0
Pyrene	Ave	1.718	1.750	0.6000	50900	50000	1.9	20.0
Bisphenol-A	Ave	0.4975	0.5091		51200	50000	2.3	20.0
Butyl benzyl phthalate	Ave	0.6195	0.6176	0.0100	49800	50000	-0.3	20.0
2,3,7,8-TCDD	Ave	0.1626	0.1578	0.0100	485	500	-2.9	20.0
Carbamazepine	Lin2		0.3840	0.0100	51400	50000	2.8	20.0
3,3'-Dichlorobenzidine	Ave	0.3963	0.4114	0.0100	51900	50000	3.8	20.0
Benzo[a]anthracene	Ave	1.235	1.198	0.8000	48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334252/2 Calibration Date: 11/10/2015 06:58

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 15:12

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 18:27

Lab File ID: z38451.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chrysene	Ave	1.071	1.079	0.7000	50400	50000	0.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8564	0.8229	0.0100	48000	50000	-3.9	20.0
Di-n-octyl phthalate	Ave	1.813	1.766	0.0100	48700	50000	-2.6	20.0
Benzo[b]fluoranthene	Ave	1.271	1.308	0.7000	51400	50000	2.9	20.0
Benzo[k]fluoranthene	Ave	1.311	1.352	0.7000	51500	50000	3.1	20.0
Benzo[a]pyrene	Ave	1.132	1.169	0.7000	51600	50000	3.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.8616	0.9491	0.5000	55100	50000	10.2	20.0
Dibenz(a,h)anthracene	Ave	0.8590	0.9448	0.4000	55000	50000	10.0	20.0
Benzo[g,h,i]perylene	Ave	0.8746	0.9536	0.5000	54500	50000	9.0	20.0
2-Fluorophenol	Ave	1.297	1.357	0.0100	52300	50000	4.6	20.0
Phenol-d5	Ave	1.607	1.619	0.0100	50400	50000	0.8	20.0
Nitrobenzene-d5	Ave	0.3665	0.3757	0.0100	51300	50000	2.5	20.0
2-Fluorobiphenyl	Ave	1.650	1.685	0.0100	51100	50000	2.1	20.0
2,4,6-Tribromophenol	Ave	0.1828	0.1822	0.0100	49800	50000	-0.3	20.0
Terphenyl-d14	Ave	1.231	1.262	0.0100	51300	50000	2.6	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38451.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 06:58:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034028-002
Misc. Info.: ccvis
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 04:06:48 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK022

First Level Reviewer: sangfaib Date: 12-Nov-2015 04:06:47

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.520	1.520	0.000	89	102866	50.0	49.0	
	2 N-Nitrosodimethylamine	74	1.744	1.744	0.000	80	157106	50.0	50.0	
	3 Pyridine	79	1.773	1.773	0.000	76	253614	50.0	47.5	
$	4 2-Fluorophenol	112	2.873	2.873	0.000	90	244751	50.0	52.3	
$	6 Phenol-d5	99	3.808	3.808	0.000	92	291964	50.0	50.4	
	7 Phenol	94	3.826	3.826	0.000	94	317253	50.0	50.7	
	8 Aniline	93	3.826	3.826	0.000	94	368294	50.0	49.5	
	9 Bis(2-chloroethyl)ether	93	3.897	3.897	0.000	90	239192	50.0	48.0	
	10 Benzonitrile	103	3.938	3.938	0.000	0	1009	NC	NC	
	11 2-Chlorophenol	128	3.950	3.950	0.000	92	243214	50.0	49.5	
	12 n-Decane	43	4.002	4.002	0.000	90	388986	50.0	51.4	
	13 1,3-Dichlorobenzene	146	4.097	4.097	0.000	96	277867	50.0	49.0	
*	14 1,4-Dichlorobenzene-d4	152	4.155	4.155	0.000	96	144246	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.173	4.173	0.000	95	282126	50.0	49.2	
	16 Benzyl alcohol	108	4.302	4.302	0.000	92	147177	50.0	49.8	
	17 1,2-Dichlorobenzene	146	4.326	4.326	0.000	98	261277	50.0	48.7	
	18 2-Methylphenol	108	4.426	4.426	0.000	88	205794	50.0	48.8	
	19 2,2'-oxybis[1-chloropropan	45	4.438	4.438	0.000	95	464825	50.0	50.1	
	20 N-Methylaniline	106	4.561	4.561	0.000	0	344111	NC	NC	
	22 Acetophenone	105	4.573	4.573	0.000	95	282434	50.0	48.8	
	21 N-Nitrosodi-n-propylamine	70	4.579	4.579	0.000	93	157054	50.0	47.4	
	23 3 & 4 Methylphenol	108	4.597	4.597	0.000	89	213735	50.0	46.4	
	24 4-Methylphenol	108	4.597	4.597	0.000	93	213735	50.0	46.4	
	25 Hexachloroethane	117	4.667	4.667	0.000	96	98312	50.0	47.7	
$	26 Nitrobenzene-d5	82	4.720	4.720	0.000	93	236070	50.0	51.3	
	27 Nitrobenzene	77	4.744	4.744	0.000	91	308866	50.0	49.1	
	28 n,n'-Dimethylaniline	120	4.749	4.749	0.000	98	334380	50.0	47.9	
	31 Isophorone	82	4.991	4.991	0.000	98	370155	50.0	49.5	
	32 2-Nitrophenol	139	5.061	5.061	0.000	89	121176	50.0	48.5	
	33 2,4-Dimethylphenol	122	5.126	5.126	0.000	92	190497	50.0	49.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.208	5.208	0.000	94	242772	50.0	49.2	
35 Benzoic acid	122	5.296	5.296	0.000	91	85594	50.0	43.1	
36 2,4-Dichlorophenol	162	5.314	5.314	0.000	95	176137	50.0	48.5	
37 1,2,4-Trichlorobenzene	180	5.391	5.391	0.000	94	192919	50.0	48.3	
* 38 Naphthalene-d8	136	5.449	5.449	0.000	99	502654	40.0	40.0	
39 Naphthalene	128	5.467	5.467	0.000	99	619123	50.0	48.7	
40 4-Chloroaniline	127	5.532	5.532	0.000	96	247093	50.0	49.6	
41 Hexachlorobutadiene	225	5.602	5.602	0.000	96	109184	50.0	48.4	
43 4-Chloro-3-methylphenol	107	6.032	6.032	0.000	97	153789	50.0	49.2	
44 2-Methylnaphthalene	142	6.167	6.167	0.000	86	414304	50.0	48.1	
45 1-Methylnaphthalene	142	6.267	6.267	0.000	94	357710	50.0	48.5	
46 Hexachlorocyclopentadiene	237	6.338	6.338	0.000	96	87754	50.0	40.3	
47 1,2,4,5-Tetrachlorobenzene	216	6.343	6.343	0.000	97	166010	50.0	49.7	
48 2-tertbutyl-4-methylphenol	149	6.385	6.385	0.000	92	264470	50.0	48.9	
49 2,4,6-Trichlorophenol	196	6.461	6.461	0.000	89	103854	50.0	50.0	
50 2,4,5-Trichlorophenol	196	6.496	6.496	0.000	97	106704	50.0	49.5	
$ 51 2-Fluorobiphenyl	172	6.543	6.543	0.000	98	416544	50.0	51.1	
52 1,1'-Biphenyl	154	6.643	6.643	0.000	95	450385	50.0	49.3	
53 2-Chloronaphthalene	162	6.655	6.655	0.000	99	333420	50.0	49.2	
54 Phenyl ether	170	6.743	6.743	0.000	89	239371	50.0	50.9	
55 2-Nitroaniline	65	6.767	6.767	0.000	98	123514	50.0	53.8	
57 1,3-Dimethylnaphthalene	156	6.879	6.879	0.000	93	288757	50.0	50.4	
58 Dimethyl phthalate	163	6.961	6.961	0.000	99	301789	50.0	49.1	
59 Coumarin	146	6.973	6.973	0.000	82	103229	50.0	50.3	
60 2,6-Dinitrotoluene	165	7.014	7.014	0.000	94	73664	50.0	49.9	
63 Acenaphthylene	152	7.067	7.067	0.000	98	505392	50.0	49.8	
64 3-Nitroaniline	138	7.179	7.179	0.000	93	78724	50.0	50.7	
* 65 Acenaphthene-d10	164	7.208	7.208	0.000	97	197765	40.0	40.0	
66 3,5-di-tert-butyl-4-hydrox	205	7.243	7.243	0.000	93	280848	50.0	45.5	
67 Acenaphthene	154	7.243	7.243	0.000	94	300773	50.0	48.3	
68 2,4-Dinitrophenol	184	7.285	7.285	0.000	95	77068	100.0	101.4	
69 4-Nitrophenol	65	7.373	7.373	0.000	93	102884	100.0	104.0	
70 2,4-Dinitrotoluene	165	7.414	7.414	0.000	91	85693	50.0	50.6	
71 Dibenzofuran	168	7.414	7.414	0.000	96	427815	50.0	49.2	
72 2,3,4,6-Tetrachlorophenol	232	7.543	7.543	0.000	94	77336	50.0	49.0	
73 Diethyl phthalate	149	7.661	7.661	0.000	99	275026	50.0	50.3	
75 4-Chlorophenyl phenyl ethe	204	7.755	7.755	0.000	77	148272	50.0	48.6	
74 Fluorene	166	7.755	7.755	0.000	95	333336	50.0	49.4	
76 4-Nitroaniline	138	7.796	7.796	0.000	94	67782	50.0	52.3	
77 4,6-Dinitro-2-methylphenol	198	7.826	7.826	0.000	84	89200	100.0	98.6	
78 N-Nitrosodiphenylamine	169	7.885	7.885	0.000	67	449229	100.0	99.0	
79 1,2-Diphenylhydrazine	77	7.914	7.914	0.000	99	309621	50.0	49.9	
$ 80 2,4,6-Tribromophenol	330	7.996	7.996	0.000	95	45042	50.0	49.8	
81 4-Bromophenyl phenyl ether	248	8.237	8.237	0.000	89	86698	50.0	48.6	
82 Hexachlorobenzene	284	8.308	8.308	0.000	97	90390	50.0	50.3	
84 Pentachlorophenol	266	8.508	8.508	0.000	94	88561	100.0	89.2	
85 Pentachloronitrobenzene	237	8.520	8.520	0.000	89	30291	50.0	50.8	
86 n-Octadecane	57	8.596	8.596	0.000	88	339709	50.0	50.4	
* 87 Phenanthrene-d10	188	8.685	8.685	0.000	99	264582	40.0	40.0	
88 Phenanthrene	178	8.708	8.708	0.000	98	384015	50.0	49.3	
89 Anthracene	178	8.755	8.755	0.000	98	389769	50.0	49.6	
90 Carbazole	167	8.920	8.920	0.000	96	307078	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	9.267	9.267	0.000	100	357074	50.0	49.6	
92 Fluoranthene	202	9.884	9.884	0.000	98	301265	50.0	49.0	
93 Benzidine	184	10.014	10.014	0.000	100	129834	50.0	46.3	
94 Pyrene	202	10.102	10.102	0.000	97	300561	50.0	50.9	
95 Bisphenol-A	213	10.161	10.161	0.000	99	87426	50.0	51.2	
$ 96 Terphenyl-d14	244	10.267	10.267	0.000	99	216724	50.0	51.3	
97 Butyl benzyl phthalate	149	10.790	10.790	0.000	98	106051	50.0	49.8	
98 2,3,7,8-TCDD	320	10.896	10.896	0.000	84	271	0.5000	0.4853	
99 Carbamazepine	193	10.908	10.908	0.000	92	65942	50.0	51.4	
100 3,3'-Dichlorobenzidine	252	11.402	11.402	0.000	100	70645	50.0	51.9	
101 Benzo[a]anthracene	228	11.426	11.426	0.000	99	205704	50.0	48.5	
* 102 Chrysene-d12	240	11.443	11.443	0.000	99	137374	40.0	40.0	
103 Chrysene	228	11.473	11.473	0.000	99	185246	50.0	50.4	
104 Bis(2-ethylhexyl) phthalat	149	11.484	11.484	0.000	91	141307	50.0	48.0	
105 Di-n-octyl phthalate	149	12.337	12.337	0.000	97	199582	50.0	48.7	
106 Benzo[b]fluoranthene	252	12.825	12.825	0.000	99	147792	50.0	51.4	
107 Benzo[k]fluoranthene	252	12.861	12.861	0.000	99	152723	50.0	51.5	
108 Benzo[a]pyrene	252	13.267	13.267	0.000	98	132097	50.0	51.6	
* 109 Perylene-d12	264	13.343	13.343	0.000	97	90396	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.837	14.837	0.000	99	107246	50.0	55.1	
111 Dibenz(a,h)anthracene	278	14.872	14.872	0.000	96	106759	50.0	55.0	
112 Benzo[g,h,i]perylene	276	15.249	15.249	0.000	97	107756	50.0	54.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

Report Date: 12-Nov-2015 04:06:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38451.D

Injection Date: 10-Nov-2015 06:58:30 Instrument ID: CBNAMS11 Operator ID:

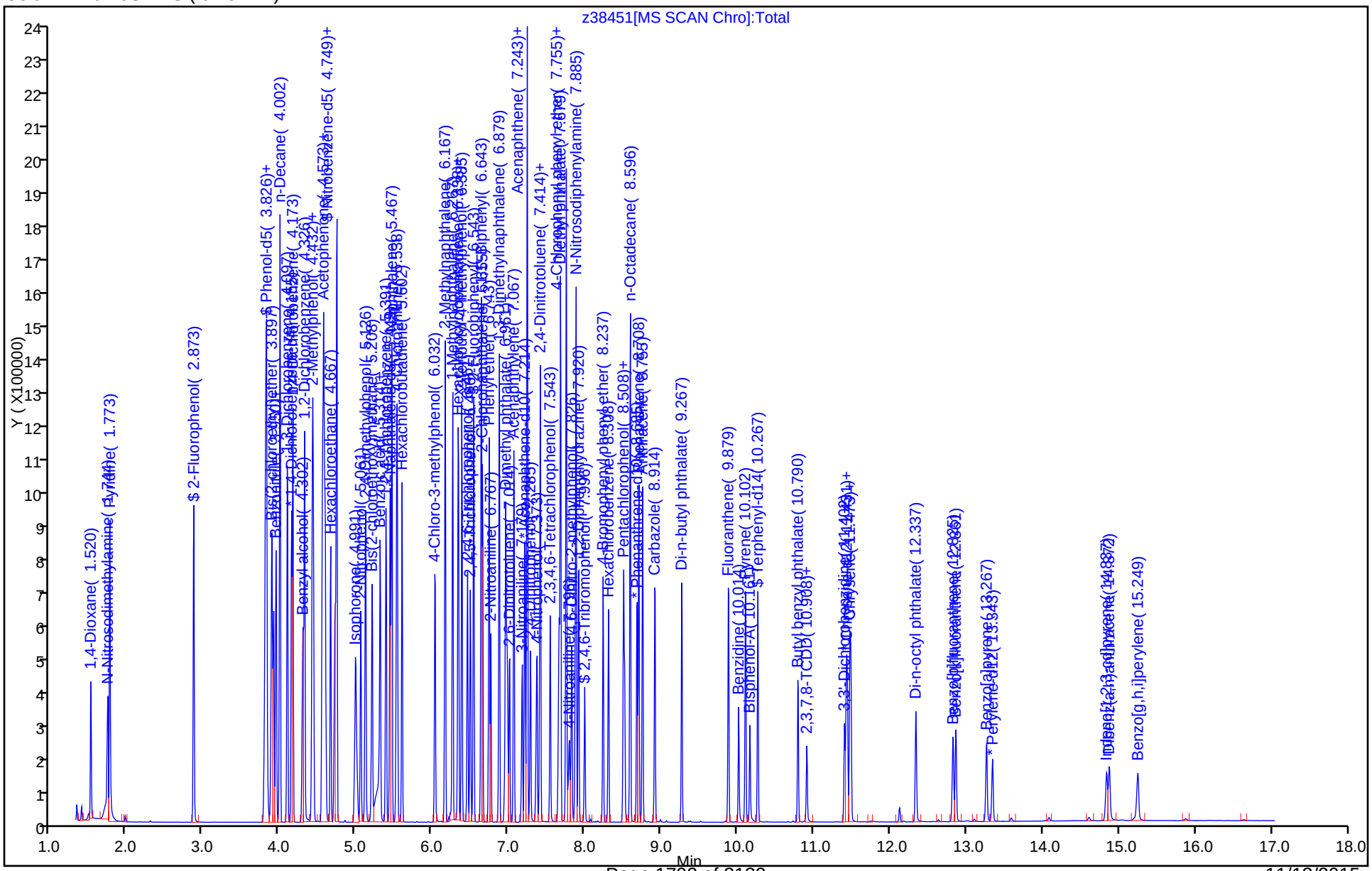
Lims ID: ccvis Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334252/3 Calibration Date: 11/10/2015 07:26

Instrument ID: CBNAMS11 Calib Start Date: 11/02/2015 18:50

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/02/2015 21:11

Lab File ID: z38452.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.172	1.160	0.0100	49500	50000	-1.0	20.0
Caprolactam	Ave	0.0800	0.0830	0.0100	51900	50000	3.9	20.0
Atrazine	Ave	0.1852	0.1809	0.0100	48800	50000	-2.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38452.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 07:26:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034028-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub13

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 10-Nov-2015 12:10:03 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.708	3.708	0.000	93	246328	50.0	49.5	
* 14 1,4-Dichlorobenzene-d4	152	4.149	4.149	0.000	96	169838	40.0	40.0	
* 38 Naphthalene-d8	136	5.438	5.438	0.000	99	609899	40.0	40.0	
42 Caprolactam	113	5.867	5.867	0.000	85	63311	50.0	51.9	
* 65 Acenaphthene-d10	164	7.202	7.202	0.000	97	256995	40.0	40.0	
83 Atrazine	200	8.414	8.414	0.000	90	81972	50.0	48.8	
* 87 Phenanthrene-d10	188	8.678	8.678	0.000	99	362519	40.0	40.0	
* 102 Chrysene-d12	240	11.431	11.431	0.000	99	167674	40.0	40.0	
* 109 Perylene-d12	264	13.337	13.337	0.000	97	104972	40.0	40.0	

Reagents:

SV_IC-S_L6_00015 Amount Added: 1.00 Units: mL

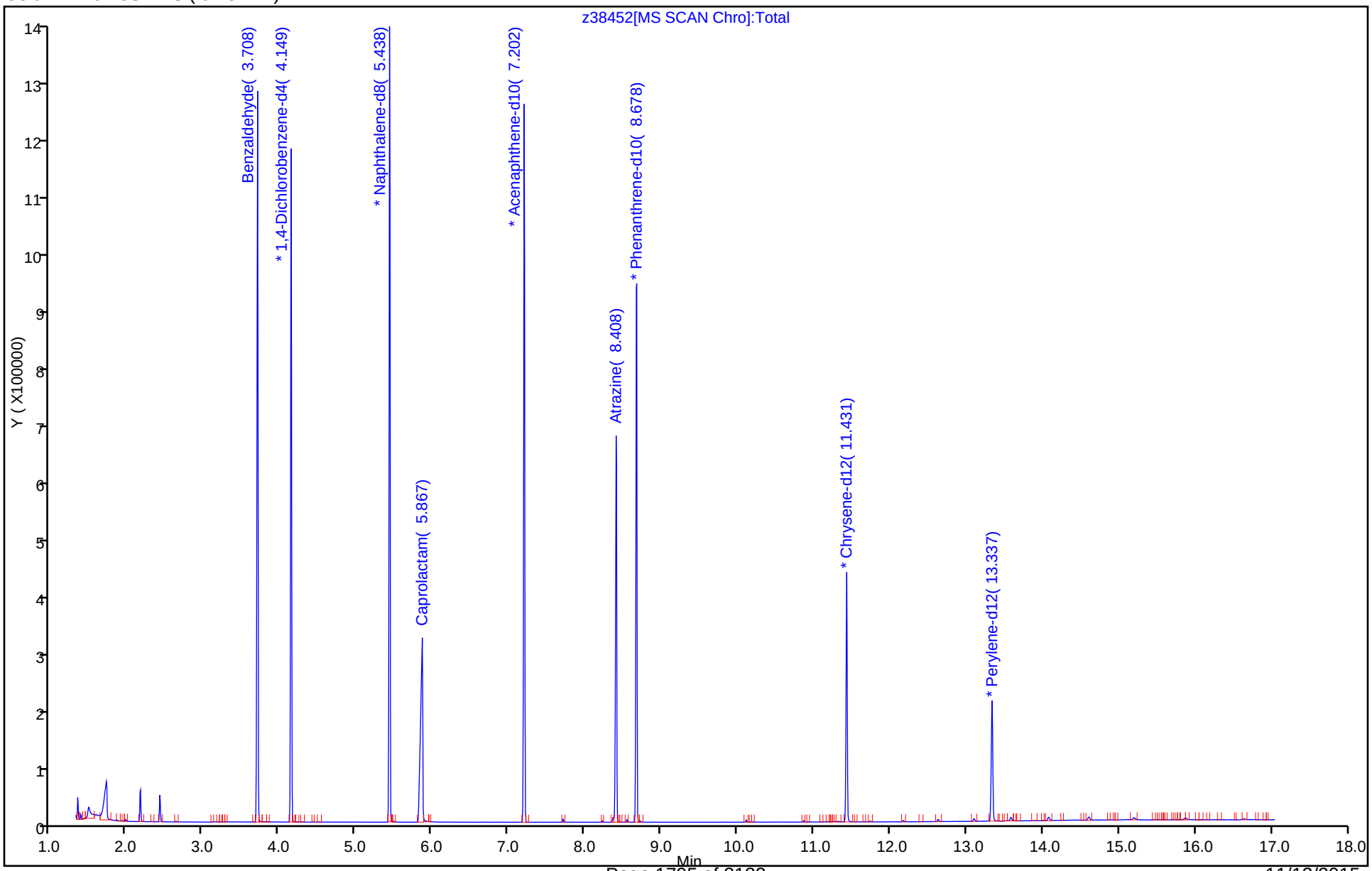
Report Date: 10-Nov-2015 12:10:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38452.D

Injection Date:	10-Nov-2015 07:26:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334254/2 Calibration Date: 11/10/2015 03:04

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127842.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4649	0.5066	0.0100	54500	50000	9.0	20.0
N-Nitrosodimethylamine	Ave	0.6643	0.6929		52200	50000	4.3	20.0
Pyridine	Ave	1.168	1.205		51600	50000	3.2	20.0
Aniline	Ave	1.755	1.753		49900	50000	-0.1	20.0
Phenol	Ave	1.429	1.572	0.8000	55000	50000	10.0	20.0
Bis(2-chloroethyl)ether	Ave	1.130	1.177	0.7000	52100	50000	4.1	20.0
2-Chlorophenol	Ave	1.318	1.340	0.8000	50800	50000	1.6	20.0
n-Decane	Ave	1.980	1.406	0.0100	35500	50000	-29.0*	20.0
1,3-Dichlorobenzene	Ave	1.535	1.496		48700	50000	-2.5	20.0
1,4-Dichlorobenzene	Ave	1.553	1.501		48300	50000	-3.3	20.0
Benzyl alcohol	Ave	0.7406	0.7783	0.0100	52500	50000	5.1	20.0
1,2-Dichlorobenzene	Ave	1.458	1.426		48900	50000	-2.2	20.0
2-Methylphenol	Ave	1.053	1.054	0.7000	50000	50000	0.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.209	1.646	0.0100	37300	50000	-25.5*	20.0
Acetophenone	Ave	1.516	1.501	0.0100	49500	50000	-1.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.7734	0.7455	0.5000	48200	50000	-3.6	20.0
3 & 4 Methylphenol	Ave	1.168	1.115		47700	50000	-4.5	20.0
4-Methylphenol	Ave	1.168	1.115	0.6000	47700	50000	-4.5	20.0
Hexachloroethane	Ave	0.6067	0.6038	0.3000	49800	50000	-0.5	20.0
n,n'-Dimethylaniline	Ave	1.798	1.765	0.0100	49100	50000	-1.8	20.0
Nitrobenzene	Ave	0.4880	0.4591	0.2000	47000	50000	-5.9	20.0
Isophorone	Ave	0.5510	0.5495	0.4000	49900	50000	-0.3	20.0
2-Nitrophenol	Ave	0.1927	0.1974	0.1000	51200	50000	2.5	20.0
2,4-Dimethylphenol	Ave	0.2960	0.2886	0.2000	48700	50000	-2.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3481	0.3610	0.3000	51800	50000	3.7	20.0
Benzoic acid	Lin2		0.1498		49200	50000	-1.5	20.0
2,4-Dichlorophenol	Ave	0.2907	0.2827	0.2000	48600	50000	-2.8	20.0
1,2,4-Trichlorobenzene	Ave	0.3347	0.3302		49300	50000	-1.3	20.0
Naphthalene	Ave	1.020	0.9734	0.7000	47700	50000	-4.5	20.0
4-Chloroaniline	Ave	0.4015	0.3837	0.0100	47800	50000	-4.5	20.0
Hexachlorobutadiene	Ave	0.1967	0.1881	0.0100	47800	50000	-4.4	20.0
4-Chloro-3-methylphenol	Ave	0.2445	0.2412		49300	50000	-1.3	20.0
2-Methylnaphthalene	Ave	0.6690	0.6277	0.4000	46900	50000	-6.2	20.0
1-Methylnaphthalene	Ave	0.5753	0.5455	0.0100	47400	50000	-5.2	20.0
Hexachlorocyclopentadiene	Ave	0.4821	0.3731	0.0500	38700	50000	-22.6*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7106	0.6952	0.0100	48900	50000	-2.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4348	0.4089	0.0100	47000	50000	-5.9	20.0
2,4,6-Trichlorophenol	Ave	0.4356	0.4265	0.2000	49000	50000	-2.1	20.0
2,4,5-Trichlorophenol	Ave	0.4613	0.4520	0.2000	49000	50000	-2.0	20.0
Diphenyl	Ave	1.787	1.704	0.0100	47700	50000	-4.6	20.0
2-Chloronaphthalene	Ave	1.370	1.351	0.8000	49300	50000	-1.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334254/2 Calibration Date: 11/10/2015 03:04

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127842.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.9059	0.9050	0.0100	49900	50000	-0.1	20.0
2-Nitroaniline	Ave	0.4630	0.3761	0.0100	40600	50000	-18.8	20.0
1,3-Dimethylnaphthalene	Ave	1.113	1.098	0.0100	49300	50000	-1.4	20.0
Dimethyl phthalate	Ave	1.323	1.248	0.0100	47200	50000	-5.7	20.0
Coumarin	Ave	0.1788	0.1767	0.0100	49400	50000	-1.2	20.0
2,6-Dinitrotoluene	Ave	0.3046	0.3044	0.2000	50000	50000	-0.0	20.0
Acenaphthylene	Ave	2.022	1.935	0.9000	47900	50000	-4.3	20.0
3-Nitroaniline	Ave	0.3151	0.3102	0.0100	49200	50000	-1.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.191	1.097	0.0100	46100	50000	-7.9	20.0
Acenaphthene	Ave	1.360	1.150	0.9000	42300	50000	-15.4	20.0
2,4-Dinitrophenol	Lin		0.1644	0.0100	98200	100000	-1.8	20.0
4-Nitrophenol	Ave	0.2159	0.1894	0.0100	87800	100000	-12.2	20.0
2,4-Dinitrotoluene	Lin2		0.3643	0.2000	46900	50000	-6.3	20.0
Dibenzofuran	Ave	1.797	1.690	0.8000	47000	50000	-5.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3360	0.3147	0.0100	46800	50000	-6.3	20.0
Diethyl phthalate	Ave	1.278	1.179	0.0100	46100	50000	-7.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.6512	0.6259	0.4000	48100	50000	-3.9	20.0
Fluorene	Ave	1.425	1.307	0.9000	45900	50000	-8.3	20.0
4-Nitroaniline	Ave	0.2962	0.2731	0.0100	46100	50000	-7.8	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1377	0.0100	96400	100000	-3.6	20.0
N-Nitrosodiphenylamine	Ave	0.6150	0.5952	0.0100	96800	100000	-3.2	20.0
1,2-Diphenylhydrazine	Ave	0.8065	0.8336	0.0100	51700	50000	3.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2411	0.2353	0.1000	48800	50000	-2.4	20.0
Hexachlorobenzene	Ave	0.2711	0.2630	0.1000	48500	50000	-3.0	20.0
Pentachlorophenol	Ave	0.1514	0.1288	0.0500	85100	100000	-14.9	20.0
Pentachloronitrobenzene	Ave	0.1064	0.0925	0.0100	43500	50000	-13.1	20.0
n-Octadecane	Ave	0.6218	0.5529	0.0100	44500	50000	-11.1	20.0
Phenanthrene	Ave	1.160	1.095	0.7000	47200	50000	-5.6	20.0
Anthracene	Ave	1.173	1.107	0.7000	47200	50000	-5.6	20.0
Carbazole	Ave	0.9840	0.9344	0.0100	47500	50000	-5.0	20.0
Di-n-butyl phthalate	Ave	1.169	1.110	0.0100	47400	50000	-5.1	20.0
Fluoranthene	Ave	1.091	0.9713	0.6000	44500	50000	-10.9	20.0
Benzidine	Ave	0.6138	0.4979		40600	50000	-18.9	20.0
Pyrene	Ave	1.373	1.458	0.6000	53100	50000	6.1	20.0
Bisphenol-A	Ave	0.5462	0.5474		50100	50000	0.2	20.0
Butyl benzyl phthalate	Ave	0.5623	0.5888	0.0100	52400	50000	4.7	20.0
2,3,7,8-TCDD	Ave	0.1461	0.1434	0.0100	491	500	-1.9	20.0
Carbamazepine	Lin2		0.4599	0.0100	40600	50000	-18.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4492	0.4474	0.0100	49800	50000	-0.4	20.0
Benzo[a]anthracene	Ave	1.193	1.157	0.8000	48500	50000	-3.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334254/2 Calibration Date: 11/10/2015 03:04

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 14:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 17:45

Lab File ID: L127842.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.7810	0.8018	0.0100	51300	50000	2.7	20.0
Chrysene	Ave	1.083	1.059	0.7000	48900	50000	-2.2	20.0
Di-n-octyl phthalate	Ave	1.208	1.510	0.0100	62500	50000	25.0*	20.0
Benzo[b]fluoranthene	Ave	1.084	1.202	0.7000	55400	50000	10.8	20.0
Benzo[k]fluoranthene	Ave	1.109	1.267	0.7000	57100	50000	14.3	20.0
Benzo[a]pyrene	Ave	1.068	1.157	0.7000	54200	50000	8.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.179	1.156	0.5000	49000	50000	-1.9	20.0
Dibenz(a,h)anthracene	Ave	1.164	1.065	0.4000	45700	50000	-8.5	20.0
Benzo[g,h,i]perylene	Ave	1.226	1.089	0.5000	44400	50000	-11.2	20.0
2-Fluorophenol	Ave	1.204	1.310	0.0100	54400	50000	8.8	20.0
Phenol-d5	Ave	1.425	1.460	0.0100	51200	50000	2.5	20.0
Nitrobenzene-d5	Ave	0.3650	0.3610	0.0100	49400	50000	-1.1	20.0
2-Fluorobiphenyl	Ave	1.624	1.602	0.0100	49400	50000	-1.3	20.0
2,4,6-Tribromophenol	Lin2		0.2100	0.0100	45400	50000	-9.1	20.0
Terphenyl-d14	Ave	0.9222	1.040	0.0100	56400	50000	12.7	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127842.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 03:04:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-002
Misc. Info.: CCVIS
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub18

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:34 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:27:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.594	1.594	0.000	97	91950	50.0	54.5	
2 N-Nitrosodimethylamine	74	1.841	1.841	0.000	83	125773	50.0	52.2	
3 Pyridine	79	1.864	1.864	0.000	88	218705	50.0	51.6	
$ 4 2-Fluorophenol	112	3.035	3.035	0.000	97	237773	50.0	54.4	
$ 6 Phenol-d5	99	3.982	3.982	0.000	92	264940	50.0	51.2	
8 Aniline	93	3.994	3.994	0.000	95	318113	50.0	49.9	
7 Phenol	94	3.999	3.999	0.000	98	285273	50.0	55.0	
9 Bis(2-chloroethyl)ether	93	4.058	4.058	0.000	96	213642	50.0	52.1	
10 2-Chlorophenol	128	4.117	4.117	0.000	96	243156	50.0	50.8	
11 n-Decane	43	4.170	4.170	0.000	90	255210	50.0	35.5	
12 1,3-Dichlorobenzene	146	4.264	4.264	0.000	96	271623	50.0	48.7	
* 13 1,4-Dichlorobenzene-d4	152	4.323	4.323	0.000	95	145205	40.0	40.0	
14 1,4-Dichlorobenzene	146	4.341	4.341	0.000	94	272522	50.0	48.3	
15 Benzyl alcohol	108	4.476	4.476	0.000	93	141270	50.0	52.5	
16 1,2-Dichlorobenzene	146	4.494	4.494	0.000	97	258811	50.0	48.9	
17 2-Methylphenol	108	4.599	4.599	0.000	87	191245	50.0	50.0	
18 2,2'-oxybis[1-chloropropan	45	4.605	4.605	0.000	92	298833	50.0	37.3	
22 Acetophenone	105	4.741	4.741	0.000	93	272418	50.0	49.5	
21 N-Nitrosodi-n-propylamine	70	4.746	4.746	0.000	92	135307	50.0	48.2	
19 4-Methylphenol	108	4.764	4.764	0.000	97	202365	50.0	47.7	
20 3 & 4 Methylphenol	108	4.764	4.764	0.000	98	202365	50.0	47.7	
25 Hexachloroethane	117	4.829	4.829	0.000	95	109585	50.0	49.8	
$ 26 Nitrobenzene-d5	82	4.888	4.888	0.000	90	225323	50.0	49.4	
27 Nitrobenzene	77	4.911	4.911	0.000	83	286598	50.0	47.0	
28 n,n'-Dimethylaniline	120	4.911	4.911	0.000	88	320436	50.0	49.1	
29 Isophorone	82	5.158	5.158	0.000	99	343052	50.0	49.9	
30 2-Nitrophenol	139	5.229	5.229	0.000	92	123247	50.0	51.2	
31 2,4-Dimethylphenol	122	5.293	5.293	0.000	91	180133	50.0	48.7	
32 Bis(2-chloroethoxy)methane	93	5.376	5.376	0.000	98	225338	50.0	51.8	
33 Benzoic acid	122	5.452	5.452	0.000	90	93498	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	5.488	5.488	0.000	95	176448	50.0	48.6	
35 1,2,4-Trichlorobenzene	180	5.558	5.558	0.000	94	206125	50.0	49.3	
* 36 Naphthalene-d8	136	5.611	5.611	0.000	99	499399	40.0	40.0	
37 Naphthalene	128	5.635	5.635	0.000	100	607650	50.0	47.7	
38 4-Chloroaniline	127	5.699	5.699	0.000	97	239490	50.0	47.8	
39 Hexachlorobutadiene	225	5.764	5.764	0.000	95	117418	50.0	47.8	
41 4-Chloro-3-methylphenol	107	6.205	6.205	0.000	95	150563	50.0	49.3	
42 2-Methylnaphthalene	142	6.335	6.335	0.000	86	391828	50.0	46.9	
43 1-Methylnaphthalene	142	6.429	6.429	0.000	94	340510	50.0	47.4	
44 Hexachlorocyclopentadiene	237	6.499	6.499	0.000	96	96568	50.0	38.7	
45 1,2,4,5-Tetrachlorobenzene	216	6.505	6.505	0.000	99	179966	50.0	48.9	
46 2-tertbutyl-4-methylphenol	149	6.552	6.552	0.000	93	255267	50.0	47.0	
48 2,4,6-Trichlorophenol	196	6.629	6.629	0.000	92	110405	50.0	49.0	
49 2,4,5-Trichlorophenol	196	6.664	6.664	0.000	97	117002	50.0	49.0	
$ 50 2-Fluorobiphenyl	172	6.705	6.705	0.000	98	414809	50.0	49.4	
51 1,1'-Biphenyl	154	6.799	6.799	0.000	95	441071	50.0	47.7	
52 2-Chloronaphthalene	162	6.817	6.817	0.000	99	349593	50.0	49.3	
53 Phenyl ether	170	6.905	6.905	0.000	86	234266	50.0	49.9	
54 2-Nitroaniline	65	6.929	6.929	0.000	95	97363	50.0	40.6	
55 1,3-Dimethylnaphthalene	156	7.040	7.040	0.000	93	284119	50.0	49.3	
58 Dimethyl phthalate	163	7.117	7.117	0.000	99	323018	50.0	47.2	
59 Coumarin	146	7.135	7.135	0.000	80	110277	50.0	49.4	
60 2,6-Dinitrotoluene	165	7.176	7.176	0.000	94	78789	50.0	50.0	
61 Acenaphthylene	152	7.229	7.229	0.000	98	500981	50.0	47.9	
62 3-Nitroaniline	138	7.340	7.340	0.000	95	80296	50.0	49.2	
* 63 Acenaphthene-d10	164	7.370	7.370	0.000	97	207083	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.399	7.399	0.000	97	284063	50.0	46.1	
65 Acenaphthene	154	7.405	7.405	0.000	95	297729	50.0	42.3	
66 2,4-Dinitrophenol	184	7.452	7.452	0.000	96	85103	100.0	98.2	
67 4-Nitrophenol	65	7.540	7.540	0.000	92	98063	100.0	87.8	
68 2,4-Dinitrotoluene	165	7.576	7.576	0.000	91	94304	50.0	46.9	
69 Dibenzofuran	168	7.576	7.576	0.000	96	437553	50.0	47.0	
70 2,3,4,6-Tetrachlorophenol	232	7.705	7.705	0.000	94	81449	50.0	46.8	
71 Diethyl phthalate	149	7.811	7.811	0.000	98	305140	50.0	46.1	
73 4-Chlorophenyl phenyl ethe	204	7.911	7.911	0.000	78	162017	50.0	48.1	
74 Fluorene	166	7.911	7.911	0.000	94	338389	50.0	45.9	
75 4-Nitroaniline	138	7.952	7.952	0.000	91	70685	50.0	46.1	
76 4,6-Dinitro-2-methylphenol	198	7.993	7.993	0.000	87	106805	100.0	96.4	
77 N-Nitrosodiphenylamine	169	8.040	8.040	0.000	67	461788	100.0	96.8	
78 1,2-Diphenylhydrazine	77	8.070	8.070	0.000	98	323382	50.0	51.7	
$ 79 2,4,6-Tribromophenol	330	8.152	8.152	0.000	95	54348	50.0	45.4	
80 4-Bromophenyl phenyl ether	248	8.393	8.393	0.000	91	91281	50.0	48.8	
81 Hexachlorobenzene	284	8.464	8.464	0.000	97	102034	50.0	48.5	
83 Pentachlorophenol	266	8.664	8.664	0.000	94	99926	100.0	85.1	
84 Pentachloronitrobenzene	237	8.676	8.676	0.000	88	35871	50.0	43.5	
72 n-Octadecane	57	8.740	8.740	0.000	95	214460	50.0	44.5	
* 85 Phenanthrene-d10	188	8.834	8.834	0.000	99	310332	40.0	40.0	
86 Phenanthrene	178	8.858	8.858	0.000	98	424801	50.0	47.2	
87 Anthracene	178	8.911	8.911	0.000	98	429230	50.0	47.2	
88 Carbazole	167	9.070	9.070	0.000	96	362458	50.0	47.5	
89 Di-n-butyl phthalate	149	9.417	9.417	0.000	100	430480	50.0	47.4	
90 Fluoranthene	202	10.028	10.028	0.000	98	376796	50.0	44.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Benzidine	184	10.158	10.158	0.000	100	193149	50.0	40.6	
92 Pyrene	202	10.246	10.246	0.000	97	381218	50.0	53.1	
93 Bisphenol-A	213	10.299	10.299	0.000	99	143164	50.0	50.1	
$ 94 Terphenyl-d14	244	10.405	10.405	0.000	99	271931	50.0	56.4	
95 Butyl benzyl phthalate	149	10.917	10.917	0.000	97	154003	50.0	52.4	
96 2,3,7,8-TCDD	320	11.034	11.034	0.000	1	375	0.5000	0.4907	
97 Carbamazepine	193	11.040	11.040	0.000	92	120286	50.0	40.6	
98 3,3'-Dichlorobenzidine	252	11.528	11.528	0.000	99	117021	50.0	49.8	
99 Benzo[a]anthracene	228	11.552	11.552	0.000	99	302633	50.0	48.5	
* 100 Chrysene-d12	240	11.564	11.564	0.000	99	209235	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.593	11.593	0.000	86	209715	50.0	51.3	
101 Chrysene	228	11.599	11.599	0.000	99	277022	50.0	48.9	
103 Di-n-octyl phthalate	149	12.428	12.428	0.000	97	325120	50.0	62.5	
104 Benzo[b]fluoranthene	252	12.934	12.934	0.000	99	258655	50.0	55.4	
105 Benzo[k]fluoranthene	252	12.975	12.975	0.000	99	272723	50.0	57.1	
106 Benzo[a]pyrene	252	13.375	13.375	0.000	96	249131	50.0	54.2	
* 107 Perylene-d12	264	13.452	13.452	0.000	97	172216	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.899	14.899	0.000	98	248838	50.0	49.0	M
109 Dibenz(a,h)anthracene	278	14.916	14.916	0.000	94	229156	50.0	45.7	
110 Benzo[g,h,i]perylene	276	15.240	15.240	0.000	96	234340	50.0	44.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SV_IC_BNA_L6_00016 Amount Added: 1.00 Units: mL

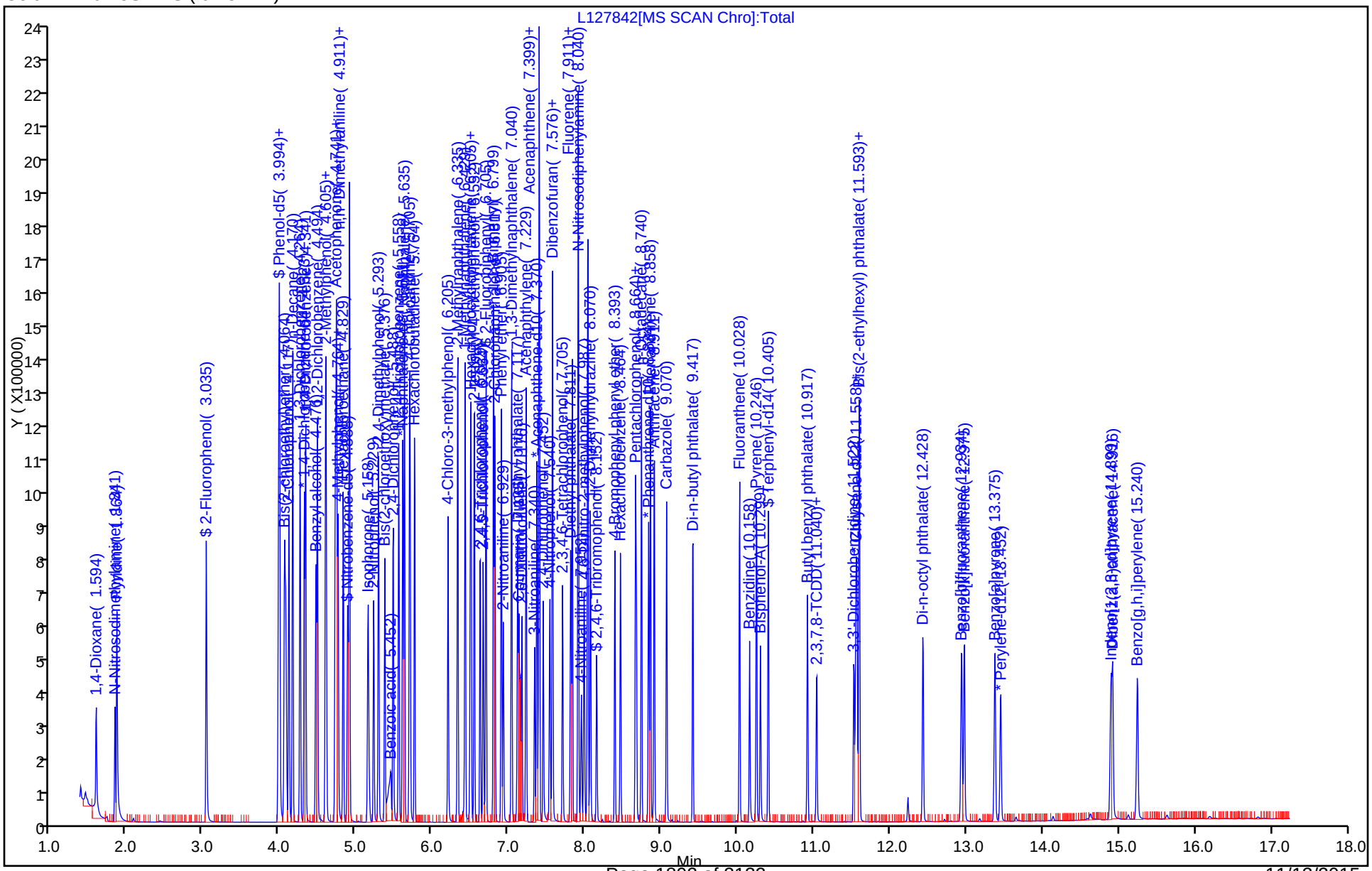
Report Date: 11-Nov-2015 11:27:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127842.D

Injection Date:	10-Nov-2015 03:04:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334254/3 Calibration Date: 11/10/2015 03:31

Instrument ID: CBNAMS12 Calib Start Date: 10/19/2015 18:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/19/2015 20:41

Lab File ID: L127843.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.010	1.064	0.0100	52600	50000	5.3	20.0
Caprolactam	Ave	0.0661	0.0685	0.0100	51800	50000	3.6	20.0
Atrazine	Ave	0.1954	0.1773	0.0100	45400	50000	-9.3	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127843.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 03:31:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-003
Misc. Info.: CCV
Operator ID: BNA 12 Instrument ID: CBNAMS12
Sublist: chrom-8270_12R_9*sub15

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:53 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:27:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.876	3.876	0.000	94	202661	50.0	52.6	
* 13 1,4-Dichlorobenzene-d4	152	4.317	4.317	0.000	96	152412	40.0	40.0	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	548746	40.0	40.0	
40 Caprolactam	113	6.029	6.029	0.000	89	47009	50.0	51.8	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	98	234368	40.0	40.0	
82 Atrazine	200	8.564	8.564	0.000	92	77149	50.0	45.4	
* 85 Phenanthrene-d10	188	8.828	8.828	0.000	99	348127	40.0	40.0	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	199814	40.0	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	98	161826	40.0	40.0	

Reagents:

SV_IC-S_L6_00013 Amount Added: 1.00 Units: mL

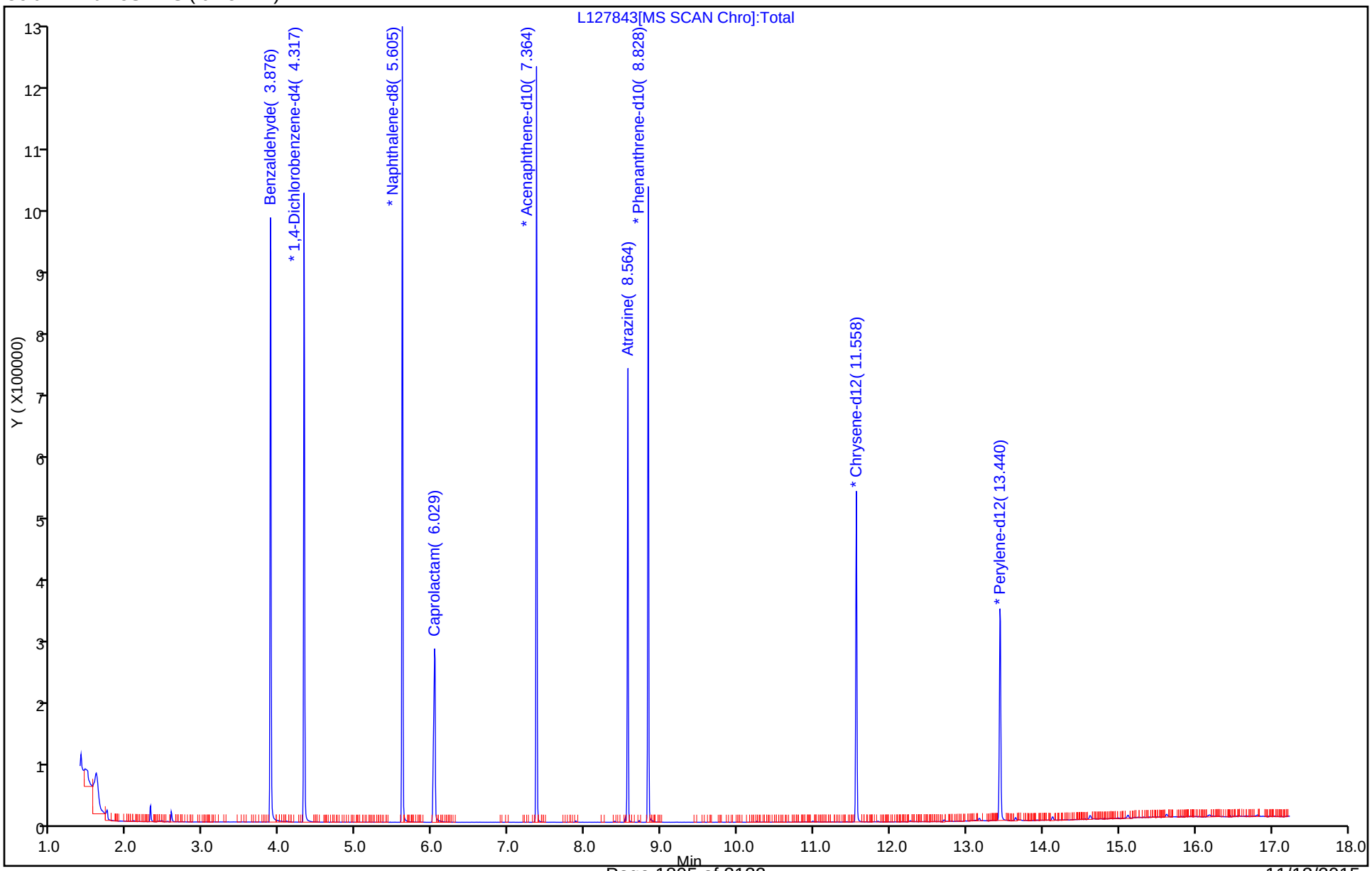
Report Date: 11-Nov-2015 11:27:56 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127843.D

Injection Date:	10-Nov-2015 03:31:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333958/2 Calibration Date: 11/08/2015 08:45

Instrument ID: CBNAMS6 Calib Start Date: 11/03/2015 17:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2015 19:56

Lab File ID: M966315.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6130	0.5985	0.0100	9760	10000	-2.4	20.0
N-Nitrosodimethylamine	Ave	1.083	1.113		10300	10000	2.8	20.0
Pyridine	Ave	1.537	1.515		9860	10000	-1.4	20.0
Aniline	Ave	2.185	2.145		9820	10000	-1.8	20.0
Phenol	Qua		1.810	0.8000	10500	10000	5.5	20.0
Bis(2-chloroethyl)ether	Ave	1.662	1.523	0.7000	9170	10000	-8.3	20.0
2-Chlorophenol	Ave	1.413	1.263	0.8000	8930	10000	-10.7	20.0
n-Decane	QuaF		1.563	0.0100	11800	10000	17.8	20.0
1,3-Dichlorobenzene	Ave	1.460	1.328		9100	10000	-9.0	20.0
1,4-Dichlorobenzene	Ave	1.399	1.228		8780	10000	-12.2	20.0
Benzyl alcohol	Ave	0.9330	1.010	0.0100	10800	10000	8.3	20.0
1,2-Dichlorobenzene	Qua		1.177		8810	10000	-11.9	20.0
2,2'-oxybis[1-chloropropane]	QuaF		2.500	0.0100	13400	10000	34.5*	20.0
2-Methylphenol	Ave	1.216	1.214	0.7000	9990	10000	-0.1	20.0
Acetophenone	Qua		1.547	0.0100	11200	10000	12.2	20.0
N-Nitrosodi-n-propylamine	Ave	1.191	1.097	0.5000	9210	10000	-7.9	20.0
3 & 4 Methylphenol	Qua		1.323		11400	10000	13.9	20.0
4-Methylphenol	Ave	1.293	1.306	0.6000	10100	10000	1.0	20.0
Hexachloroethane	Ave	0.6593	0.6610	0.3000	10000	10000	0.3	20.0
Nitrobenzene	Ave	0.6699	0.6679	0.2000	9970	10000	-0.3	20.0
n,n'-Dimethylaniline	QuaF		1.413	0.0100	9130	10000	-8.7	20.0
Isophorone	Ave	0.9309	1.080	0.4000	11600	10000	16.1	20.0
2-Nitrophenol	Ave	0.2733	0.2971	0.1000	10900	10000	8.7	20.0
2,4-Dimethylphenol	Ave	0.3567	0.3785	0.2000	10600	10000	6.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.5077	0.5764	0.3000	11400	10000	13.5	20.0
Benzoic acid	Lin		0.1818		9230	10000	-7.7	20.0
2,4-Dichlorophenol	Ave	0.3530	0.3691	0.2000	10500	10000	4.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3836	0.3669		9560	10000	-4.4	20.0
Naphthalene	Qua		0.9061	0.7000	10100	10000	1.3	20.0
4-Chloroaniline	Qua		0.4892	0.0100	10800	10000	7.9	20.0
Hexachlorobutadiene	Ave	0.2133	0.2337	0.0100	11000	10000	9.5	20.0
4-Chloro-3-methylphenol	Ave	0.3359	0.3922		11700	10000	16.8	20.0
2-Methylnaphthalene	Qua		0.6782	0.4000	9880	10000	-1.2	20.0
1-Methylnaphthalene	Qua		0.6328	0.0100	10700	10000	7.2	20.0
Hexachlorocyclopentadiene	Ave	0.4081	0.4908	0.0500	12000	10000	20.3*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.7000	0.6438	0.0100	9200	10000	-8.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4611	0.4870	0.0100	10600	10000	5.6	20.0
2,4,6-Trichlorophenol	Ave	0.4881	0.4728	0.2000	9690	10000	-3.1	20.0
2,4,5-Trichlorophenol	Ave	0.5012	0.4798	0.2000	9570	10000	-4.3	20.0
1,1'-Biphenyl	Ave	1.577	1.271	0.0100	8060	10000	-19.4	20.0
2-Chloronaphthalene	Ave	1.235	1.115	0.8000	9030	10000	-9.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333958/2 Calibration Date: 11/08/2015 08:45

Instrument ID: CBNAMS6 Calib Start Date: 11/03/2015 17:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2015 19:56

Lab File ID: M966315.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8852	0.8545	0.0100	9650	10000	-3.5	20.0
2-Nitroaniline	Ave	0.5086	0.6241	0.0100	12300	10000	22.7*	20.0
1,3-Dimethylnaphthalene	Ave	1.054	0.998	0.0100	9480	10000	-5.2	20.0
Dimethyl phthalate	Ave	1.393	1.236	0.0100	8880	10000	-11.2	20.0
Coumarin	Ave	0.2529	0.2503	0.0100	9900	10000	-1.0	20.0
2,6-Dinitrotoluene	Ave	0.3962	0.3848	0.2000	9710	10000	-2.9	20.0
Acenaphthylene	Ave	1.941	1.669	0.9000	8600	10000	-14.0	20.0
3-Nitroaniline	Ave	0.4472	0.4526	0.0100	10100	10000	1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9260	0.9448	0.0100	10200	10000	2.0	20.0
Acenaphthene	Qua		0.9612	0.9000	7680	10000	-23.2*	20.0
2,4-Dinitrophenol	Lin2		0.2267	0.0100	18600	20000	-7.1	20.0
4-Nitrophenol	Ave	0.2913	0.3129	0.0100	21500	20000	7.4	20.0
2,4-Dinitrotoluene	Ave	0.4814	0.3967	0.2000	8240	10000	-17.6	20.0
Dibenzofuran	Ave	1.682	1.391	0.8000	8270	10000	-17.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.4023	0.3908	0.0100	9710	10000	-2.9	20.0
Diethyl phthalate	Ave	1.342	1.303	0.0100	9710	10000	-2.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6298	0.5552	0.4000	8820	10000	-11.8	20.0
Fluorene	Ave	1.257	1.029	0.9000	8190	10000	-18.1	20.0
4-Nitroaniline	Ave	0.4216	0.3886	0.0100	9220	10000	-7.8	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1869	0.0100	21200	20000	6.0	20.0
N-Nitrosodiphenylamine	Ave	0.7297	0.6115	0.0100	14200	17000	-16.2	20.0
1,2-Diphenylhydrazine	QuaF		1.052	0.0100	13300	10000	32.6*	20.0
4-Bromophenyl phenyl ether	Ave	0.2689	0.2628	0.1000	9770	10000	-2.3	20.0
Hexachlorobenzene	Ave	0.3239	0.3222	0.1000	9950	10000	-0.5	20.0
Pentachlorophenol	Qua		0.1369	0.0500	16800	20000	-15.8	20.0
Pentachloronitrobenzene	Ave	0.0947	0.1132	0.0100	11900	10000	19.5	20.0
n-Octadecane	QuaF		0.7101	0.0100	14400	10000	43.9*	20.0
Phenanthrene	Qua		0.9503	0.7000	10200	10000	2.3	20.0
Anthracene	Qua		0.9459	0.7000	9950	10000	-0.5	20.0
Carbazole	Ave	1.034	0.9296	0.0100	8990	10000	-10.1	20.0
Di-n-butyl phthalate	Qua		1.126	0.0100	10200	10000	2.4	20.0
Fluoranthene	QuaF		0.9496	0.6000	9640	10000	-3.6	20.0
Benzidine	Ave	0.6407	0.6835		10700	10000	6.7	20.0
Pyrene	Ave	1.500	1.327	0.6000	8850	10000	-11.5	20.0
Bisphenol-A	Ave	0.5717	0.6830		11900	10000	19.5	20.0
Butyl benzyl phthalate	Ave	0.6961	0.7795	0.0100	11200	10000	12.0	20.0
2,3,7,8-TCDD	Ave	0.2075	0.1849	0.0100	89.1	100	-10.9	20.0
Carbamazepine	Ave	0.4654	0.5260	0.0100	11300	10000	13.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4865	0.5457	0.0100	11200	10000	12.2	20.0
Benzo[a]anthracene	Ave	1.228	1.127	0.8000	9180	10000	-8.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333958/2 Calibration Date: 11/08/2015 08:45

Instrument ID: CBNAMS6 Calib Start Date: 11/03/2015 17:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/03/2015 19:56

Lab File ID: M966315.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bis(2-ethylhexyl) phthalate	Ave	0.8139	0.8183	0.0100	10100	10000	0.5	20.0
Chrysene	Ave	1.094	0.9195	0.7000	8400	10000	-16.0	20.0
Di-n-octyl phthalate	Ave	1.403	1.451	0.0100	10300	10000	3.5	20.0
Benzo[b]fluoranthene	Ave	1.103	1.094	0.7000	9920	10000	-0.8	20.0
Benzo[k]fluoranthene	Ave	1.153	1.110	0.7000	9620	10000	-3.8	20.0
Benzo[a]pyrene	Ave	1.016	1.029	0.7000	10100	10000	1.3	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9361	0.9626	0.5000	10300	10000	2.8	20.0
Dibenz(a,h)anthracene	Ave	0.9165	0.9800	0.4000	10700	10000	6.9	20.0
Benzo[g,h,i]perylene	Ave	0.9684	1.015	0.5000	10500	10000	4.8	20.0
2-Fluorophenol (Surr)	Ave	1.467	1.382	0.0100	9420	10000	-5.8	20.0
Phenol-d5 (Surr)	Ave	1.892	1.580	0.0100	8350	10000	-16.5	20.0
Nitrobenzene-d5 (Surr)	Ave	0.5204	0.6336	0.0100	12200	10000	21.8*	20.0
2-Fluorobiphenyl	Ave	1.574	1.321	0.0100	8390	10000	-16.1	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.3035	0.2748	0.0100	9060	10000	-9.4	20.0
Terphenyl-d14 (Surr)	Ave	1.090	1.016	0.0100	9320	10000	-6.8	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966315.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2015 08:45:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub31

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:43:45 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: nimerd Date: 08-Nov-2015 08:52:53

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.633	1.633	0.000	97	1227279	10.0	9.76	
	2 N-Nitrosodimethylamine	74	1.866	1.866	0.000	81	2282389	10.0	10.3	
	3 Pyridine	79	1.888	1.888	0.000	81	3107488	10.0	9.86	
$	4 2-Fluorophenol	112	3.028	3.028	0.000	89	2835019	10.0	9.42	
	8 Aniline	93	3.961	3.961	0.000	98	4399409	10.0	9.82	
$	6 Phenol-d5	99	3.969	3.969	0.000	85	3240971	10.0	8.35	
	7 Phenol	94	3.984	3.984	0.000	97	3712792	10.0	10.5	
	9 Bis(2-chloroethyl)ether	93	4.021	4.021	0.000	91	3124000	10.0	9.17	
	10 Benzonitrile	103	4.044	4.044	0.000	94	5436395	NC	NC	
	11 2-Chlorophenol	128	4.089	4.089	0.000	85	2589437	10.0	8.93	
	12 n-Decane	43	4.126	4.126	0.000	89	3204791	10.0	11.8	
	13 1,3-Dichlorobenzene	146	4.231	4.231	0.000	85	2724403	10.0	9.10	
*	14 1,4-Dichlorobenzene-d4	152	4.283	4.283	0.000	93	1640601	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.305	4.305	0.000	85	2518538	10.0	8.78	
	17 Benzyl alcohol	108	4.439	4.439	0.000	89	2072067	10.0	10.8	
	18 1,2-Dichlorobenzene	146	4.460	4.460	0.000	87	2414286	10.0	8.81	
	20 2,2'-oxybis[1-chloropropan	45	4.564	4.564	0.000	91	5126904	10.0	13.4	
	19 2-Methylphenol	108	4.579	4.579	0.000	84	2490375	10.0	9.99	
	23 N-Methylaniline	106	4.692	4.692	0.000	81	3701962	NC	NC	
	24 Acetophenone	105	4.707	4.707	0.000	90	3172878	10.0	11.2	
	25 N-Nitrosodi-n-propylamine	70	4.707	4.707	0.000	94	2248860	10.0	9.21	
	21 4-Methylphenol	108	4.737	4.737	0.000	87	2678231	10.0	10.1	
	26 3 & 4 Methylphenol	108	4.737	4.737	0.000	68	2712913	10.0	11.4	
	27 Hexachloroethane	117	4.797	4.797	0.000	93	1355596	10.0	10.0	
$	28 Nitrobenzene-d5	82	4.848	4.848	0.000	94	3652421	10.0	12.2	
	29 Nitrobenzene	77	4.871	4.871	0.000	86	3850177	10.0	9.97	
	30 n,n'-Dimethylaniline	120	4.878	4.878	0.000	86	2896899	10.0	9.13	
	31 Isophorone	82	5.117	5.117	0.000	97	6228039	10.0	11.6	
	32 2-Nitrophenol	139	5.190	5.190	0.000	78	1712361	10.0	10.9	
	33 2,4-Dimethylphenol	122	5.258	5.258	0.000	85	2181757	10.0	10.6	
	34 Bis(2-chloroethoxy)methane	93	5.339	5.339	0.000	92	3322592	10.0	11.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.421	5.421	0.000	92	1047940	10.0	9.23	
36 2,4-Dichlorophenol	162	5.452	5.452	0.000	89	2127463	10.0	10.5	
37 1,2,4-Trichlorobenzene	180	5.519	5.519	0.000	93	2114927	10.0	9.56	
* 38 Naphthalene-d8	136	5.572	5.572	0.000	97	4611467	8.00	8.00	
39 Naphthalene	128	5.594	5.594	0.000	94	5223258	10.0	10.1	
40 4-Chloroaniline	127	5.662	5.662	0.000	95	2820171	10.0	10.8	
41 Hexachlorobutadiene	225	5.728	5.728	0.000	92	1346845	10.0	11.0	
44 4-Chloro-3-methylphenol	107	6.179	6.179	0.000	95	2260765	10.0	11.7	
45 2-Methylnaphthalene	142	6.292	6.292	0.000	82	3909407	10.0	9.88	
46 1-Methylnaphthalene	142	6.389	6.389	0.000	91	3647712	10.0	10.7	
47 Hexachlorocyclopentadiene	237	6.457	6.457	0.000	95	1490087	10.0	12.0	
48 1,2,4,5-Tetrachlorobenzene	216	6.464	6.464	0.000	93	1954423	10.0	9.20	
49 2-tertbutyl-4-methylphenol	149	6.515	6.515	0.000	89	2807394	10.0	10.6	
50 2,4,6-Trichlorophenol	196	6.590	6.590	0.000	85	1435463	10.0	9.69	
51 2,4,5-Trichlorophenol	196	6.635	6.635	0.000	92	1456565	10.0	9.57	
$ 52 2-Fluorobiphenyl	172	6.665	6.665	0.000	94	4010350	10.0	8.39	
53 1,1'-Biphenyl	154	6.762	6.762	0.000	98	3857541	10.0	8.06	
54 2-Chloronaphthalene	162	6.776	6.776	0.000	93	3385558	10.0	9.03	
55 Phenyl ether	170	6.860	6.860	0.000	90	2594263	10.0	9.65	
57 2-Nitroaniline	65	6.890	6.890	0.000	94	1894609	10.0	12.3	
58 1,3-Dimethylnaphthalene	156	6.995	6.995	0.000	90	3031019	10.0	9.48	
59 Dimethyl phthalate	163	7.077	7.077	0.000	95	3752477	10.0	8.88	
60 Coumarin	146	7.092	7.092	0.000	76	1442671	10.0	9.90	
61 2,6-Dinitrotoluene	165	7.130	7.130	0.000	87	1168046	10.0	9.71	
62 Acenaphthylene	152	7.190	7.190	0.000	94	5065442	10.0	8.60	
63 3-Nitroaniline	138	7.303	7.303	0.000	91	1374077	10.0	10.1	
* 64 Acenaphthene-d10	164	7.326	7.326	0.000	93	2428684	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.355	7.355	0.000	97	2868130	10.0	10.2	
66 Acenaphthene	154	7.363	7.363	0.000	94	2918101	10.0	7.68	
67 2,4-Dinitrophenol	184	7.408	7.408	0.000	94	1376438	20.0	18.6	
69 4-Nitrophenol	65	7.520	7.520	0.000	84	1899533	20.0	21.5	
70 2,4-Dinitrotoluene	165	7.528	7.528	0.000	89	1204372	10.0	8.24	
71 Dibenzofuran	168	7.536	7.536	0.000	96	4222618	10.0	8.27	
72 2,3,4,6-Tetrachlorophenol	232	7.664	7.664	0.000	92	1186386	10.0	9.71	
73 Diethyl phthalate	149	7.768	7.768	0.000	97	3955625	10.0	9.71	
74 4-Chlorophenyl phenyl ethe	204	7.873	7.873	0.000	90	1685340	10.0	8.82	
75 Fluorene	166	7.873	7.873	0.000	95	3122688	10.0	8.19	
76 4-Nitroaniline	138	7.918	7.918	0.000	95	1179578	10.0	9.22	
77 4,6-Dinitro-2-methylphenol	198	7.941	7.941	0.000	81	1644871	20.0	21.2	
78 N-Nitrosodiphenylamine	169	7.999	7.999	0.000	71	4574108	17.0	14.2	
79 1,2-Diphenylhydrazine	77	8.029	8.029	0.000	95	4628594	10.0	13.3	
$ 80 2,4,6-Tribromophenol	330	8.118	8.118	0.000	94	834320	10.0	9.06	
81 4-Bromophenyl phenyl ether	248	8.353	8.353	0.000	89	1156320	10.0	9.77	
82 Hexachlorobenzene	284	8.418	8.418	0.000	98	1417462	10.0	9.95	
84 Pentachlorophenol	266	8.624	8.624	0.000	91	1204362	20.0	16.8	
85 Pentachloronitrobenzene	237	8.631	8.631	0.000	87	497892	10.0	11.9	
86 n-Octadecane	57	8.687	8.687	0.000	96	3124354	10.0	14.4	
* 87 Phenanthrene-d10	188	8.792	8.792	0.000	99	3519879	8.00	8.00	
88 Phenanthrene	178	8.820	8.820	0.000	99	4181027	10.0	10.2	
89 Anthracene	178	8.863	8.863	0.000	97	4161936	10.0	9.95	
90 Carbazole	167	9.030	9.030	0.000	99	4090293	10.0	8.99	
91 Di-n-butyl phthalate	149	9.368	9.368	0.000	97	4956102	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Fluoranthene	202	9.984	9.984	0.000	95	4178269	10.0	9.64	
93 Benzidine	184	10.118	10.118	0.000	99	3007427	10.0	10.7	
94 Pyrene	202	10.208	10.208	0.000	94	4232287	10.0	8.85	
95 Bisphenol-A	213	10.267	10.267	0.000	0	2177915	10.0	11.9	
$ 96 Terphenyl-d14	244	10.361	10.361	0.000	98	3240788	10.0	9.32	
97 Butyl benzyl phthalate	149	10.884	10.884	0.000	98	2485374	10.0	11.2	
98 2,3,7,8-TCDD	320	10.987	10.987	0.000	38	5896	0.1000	0.0891	
99 Carbamazepine	193	11.008	11.008	0.000	90	1677265	10.0	11.3	
100 3,3'-Dichlorobenzidine	252	11.501	11.501	0.000	98	1739983	10.0	11.2	
101 Benzo[a]anthracene	228	11.529	11.529	0.000	99	3594711	10.0	9.18	
* 102 Chrysene-d12	240	11.543	11.543	0.000	99	2550908	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.564	11.564	0.000	92	2609099	10.0	10.1	
104 Chrysene	228	11.578	11.578	0.000	99	2931888	10.0	8.40	
105 Di-n-octyl phthalate	149	12.413	12.413	0.000	96	4701713	10.0	10.3	
106 Benzo[b]fluoranthene	252	12.928	12.928	0.000	98	3545103	10.0	9.92	
107 Benzo[k]fluoranthene	252	12.963	12.963	0.000	98	3594992	10.0	9.62	
108 Benzo[a]pyrene	252	13.366	13.366	0.000	97	3334577	10.0	10.1	
* 109 Perylene-d12	264	13.445	13.445	0.000	100	2592015	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.947	14.947	0.000	99	3118747	10.0	10.3	
111 Dibenz(a,h)anthracene	278	14.982	14.982	0.000	98	3175124	10.0	10.7	
112 Benzo[g,h,i]perylene	276	15.360	15.360	0.000	98	3289493	10.0	10.5	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_BNAL6_00031 Amount Added: 1.00 Units: mL

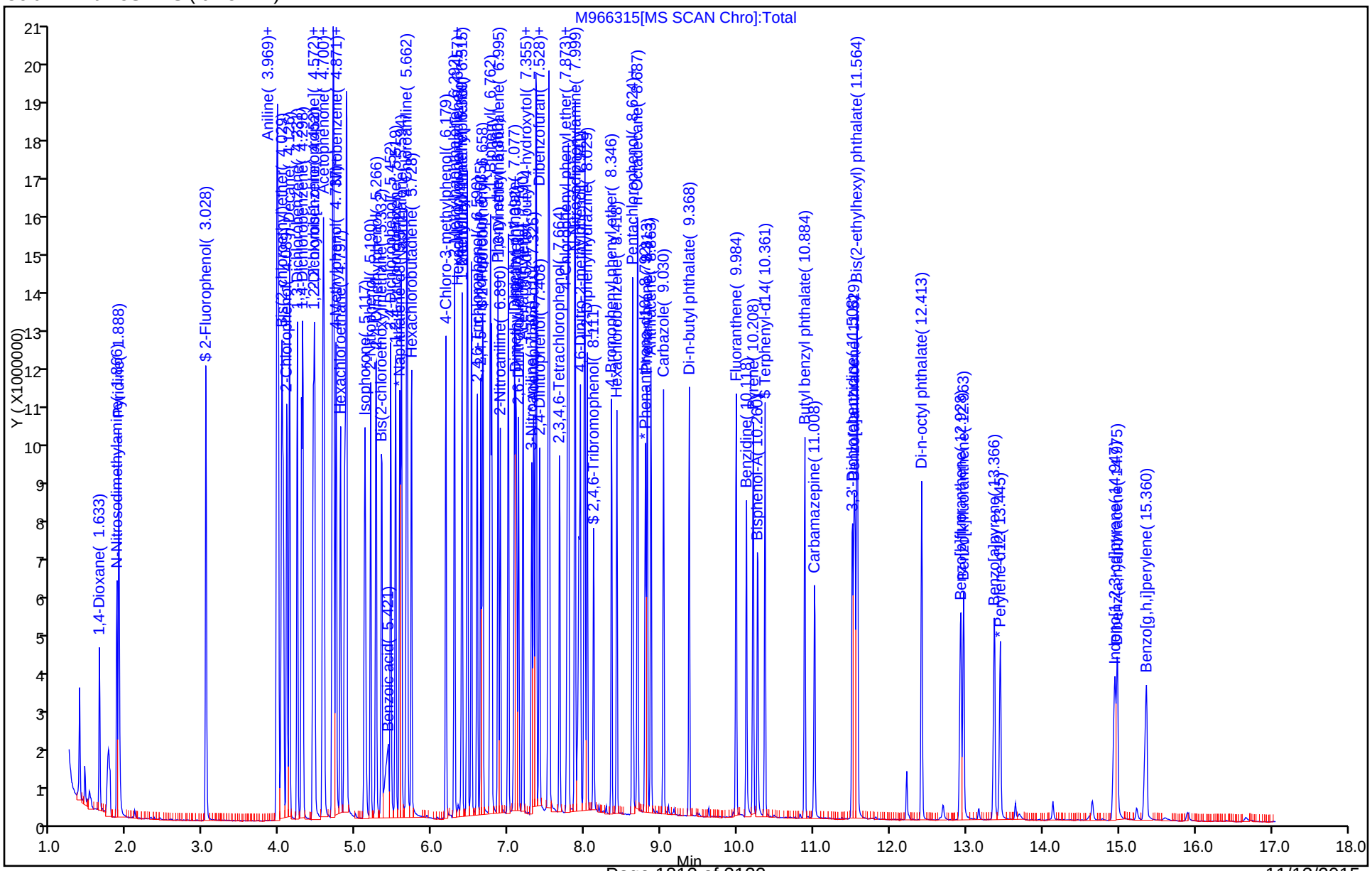
Report Date: 09-Nov-2015 12:43:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966315.D

Injection Date:	08-Nov-2015 08:45:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	ccvis			Worklist Smp#:	2
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-333958/3 Calibration Date: 11/08/2015 09:12

Instrument ID: CBNAMS6 Calib Start Date: 10/29/2015 22:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/30/2015 00:25

Lab File ID: M966316.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.432	1.531	0.0100	10700	10000	7.0	20.0
Caprolactam	Ave	0.1440	0.1939	0.0100	13500	10000	34.6*	20.0
Atrazine	Ave	0.2540	0.2492	0.0100	9810	10000	-1.9	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966316.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 08-Nov-2015 09:12:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: CCV
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:43:51 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: nimerd Date: 08-Nov-2015 09:26:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.841	3.841	0.000	90	2855280	10.0	10.7	
* 14 1,4-Dichlorobenzene-d4	152	4.281	4.281	0.000	94	1491640	8.00	8.00	
* 38 Naphthalene-d8	136	5.570	5.570	0.000	97	4516084	8.00	8.00	
42 Caprolactam	113	5.994	5.994	0.000	89	1094396	10.0	13.5	
* 64 Acenaphthene-d10	164	7.322	7.322	0.000	93	2814434	8.00	8.00	
83 Atrazine	200	8.527	8.527	0.000	89	1335139	10.0	9.81	
* 87 Phenanthrene-d10	188	8.790	8.790	0.000	98	4286957	8.00	8.00	
* 102 Chrysene-d12	240	11.531	11.531	0.000	99	3031999	8.00	8.00	
* 109 Perylene-d12	264	13.437	13.437	0.000	99	2608399	8.00	8.00	

Reagents:

SM_BNAL5B_00017 Amount Added: 1.00 Units: mL

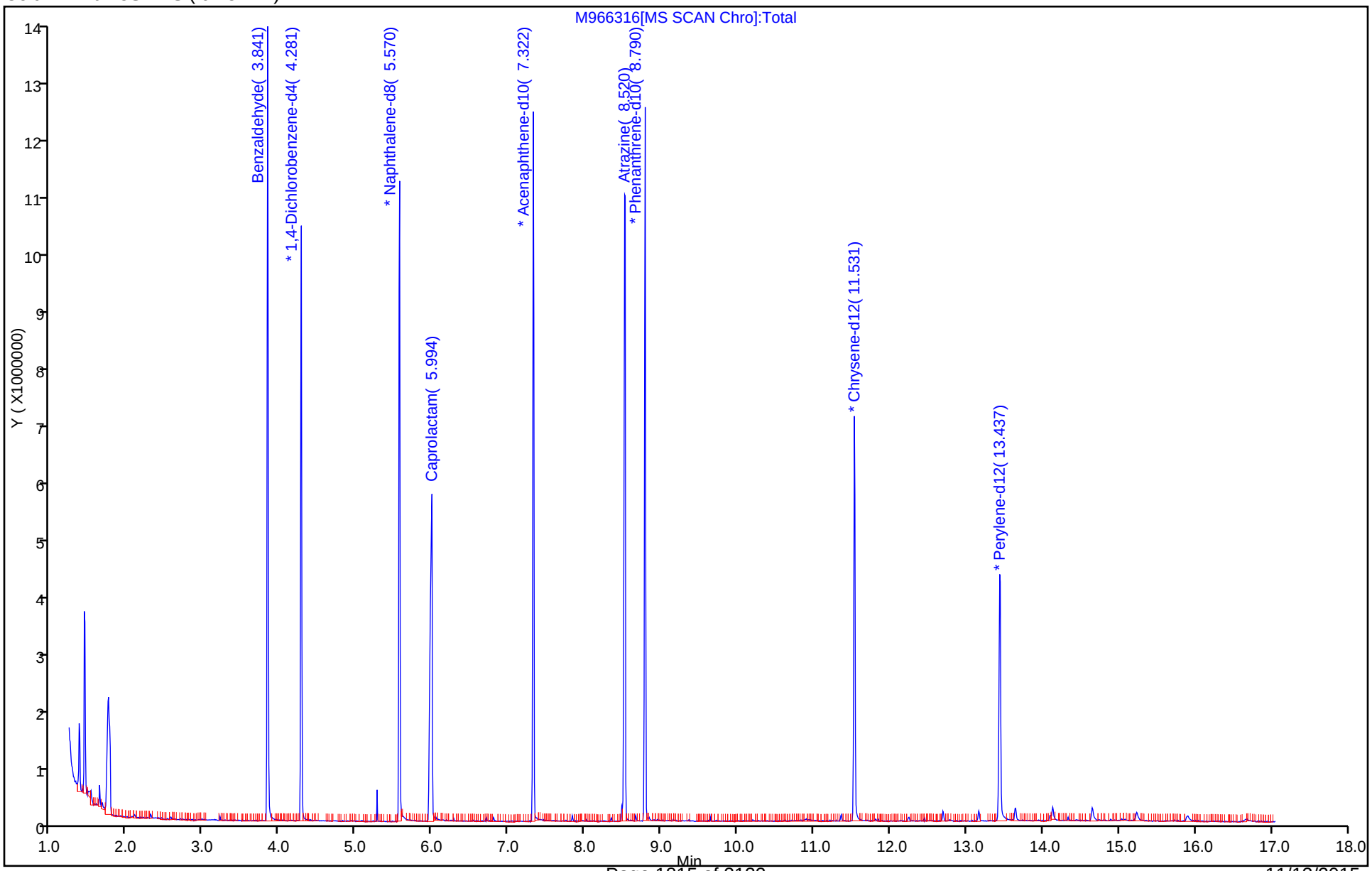
Report Date: 09-Nov-2015 12:43:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966316.D

Injection Date:	08-Nov-2015 09:12:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	3
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6117	0.6751	0.0100	5520	5000	10.4	30.0
N-Nitrosodimethylamine	Ave	1.178	1.030		4370	5000	-12.6	30.0
Pyridine	Ave	1.648	1.710		5190	5000	3.8	30.0
Aniline	Ave	2.612	2.725		5220	5000	4.4	30.0
Phenol	Ave	2.117	2.415	0.8000	5700	5000	14.0	30.0
Bis(2-chloroethyl)ether	Ave	1.939	1.925	0.7000	4970	5000	-0.7	30.0
2-Chlorophenol	Ave	1.412	1.524	0.8000	5400	5000	8.0	30.0
n-Decane	QuaF		2.106	0.0100	5810	5000	16.1	30.0
1,3-Dichlorobenzene	Ave	1.451	1.522		5240	5000	4.9	30.0
1,4-Dichlorobenzene	Ave	1.387	1.488		5370	5000	7.3	30.0
Benzyl alcohol	Ave	1.023	1.115	0.0100	5450	5000	9.0	30.0
1,2-Dichlorobenzene	QuaF		1.480		5810	5000	16.3	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.477	3.653	0.0100	5250	5000	5.1	30.0
2-Methylphenol	Ave	1.428	1.507	0.7000	5280	5000	5.6	30.0
Acetophenone	Ave	1.991	2.001	0.0100	5030	5000	0.5	30.0
N-Nitrosodi-n-propylamine	Ave	1.454	1.332	0.5000	4580	5000	-8.4	30.0
3 & 4 Methylphenol	Ave	1.482	1.648		5560	5000	11.2	30.0
4-Methylphenol	Ave	1.459	1.619	0.6000	5550	5000	11.0	30.0
Hexachloroethane	Ave	0.7428	0.7673	0.3000	5160	5000	3.3	30.0
Nitrobenzene	QuaF		0.7823	0.2000	5360	5000	7.2	30.0
n,n'-Dimethylaniline	QuaF		1.815	0.0100	5050	5000	1.0	30.0
Isophorone	Ave	1.139	1.180	0.4000	5180	5000	3.7	30.0
2-Nitrophenol	Ave	0.2806	0.2889	0.1000	5150	5000	3.0	30.0
2,4-Dimethylphenol	Ave	0.3663	0.3791	0.2000	5170	5000	3.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.5871	0.6323	0.3000	5380	5000	7.7	30.0
2,4-Dichlorophenol	Ave	0.3535	0.4039	0.2000	5710	5000	14.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3762	0.3821		5080	5000	1.6	30.0
Naphthalene	Ave	1.043	1.075	0.7000	5150	5000	3.0	30.0
4-Chloroaniline	Ave	0.4959	0.5242	0.0100	5280	5000	5.7	30.0
Hexachlorobutadiene	Ave	0.2074	0.2220	0.0100	5350	5000	7.0	30.0
4-Chloro-3-methylphenol	Ave	0.3909	0.4290		5490	5000	9.8	30.0
2-Methylnaphthalene	Qua		0.7705	0.4000	5300	5000	6.1	30.0
1-Methylnaphthalene	Ave	0.6457	0.7279	0.0100	5640	5000	12.7	30.0
Hexachlorocyclopentadiene	Ave	0.3675	0.4071	0.0500	5540	5000	10.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6876	0.6771	0.0100	4920	5000	-1.5	30.0
2-tertbutyl-4-methylphenol	Ave	0.4880	0.5237	0.0100	5370	5000	7.3	30.0
2,4,6-Trichlorophenol	Ave	0.4869	0.4898	0.2000	5030	5000	0.6	30.0
2,4,5-Trichlorophenol	Ave	0.4648	0.5123	0.2000	5510	5000	10.2	30.0
Diphenyl	Ave	1.633	1.697	0.0100	5200	5000	3.9	30.0
2-Chloronaphthalene	Ave	1.253	1.268	0.8000	5060	5000	1.2	30.0
Phenyl ether	Ave	0.8920	0.9247	0.0100	5180	5000	3.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.6176	0.6182	0.0100	5000	5000	0.0	30.0
1,3-Dimethylnaphthalene	Ave	1.070	1.090	0.0100	5100	5000	1.9	30.0
Dimethyl phthalate	Ave	1.464	1.446	0.0100	4940	5000	-1.2	30.0
Coumarin	Qua		0.2606	0.0100	5330	5000	6.6	30.0
2,6-Dinitrotoluene	Ave	0.4090	0.3943	0.2000	4820	5000	-3.6	30.0
Acenaphthylene	Ave	2.031	2.066	0.9000	5090	5000	1.7	30.0
3-Nitroaniline	Ave	0.4555	0.4393	0.0100	4820	5000	-3.6	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.8752	0.9282	0.0100	5300	5000	6.1	30.0
Acenaphthene	Qua		1.125	0.9000	5340	5000	6.8	30.0
2,4-Dinitrophenol	Ave	0.2362	0.2357	0.0100	9980	10000	-0.2	30.0
2,4-Dinitrotoluene	Ave	0.4791	0.4736	0.2000	4940	5000	-1.1	30.0
Dibenzofuran	Ave	1.767	1.732	0.8000	4900	5000	-2.0	30.0
4-Nitrophenol	Ave	0.3635	0.3753	0.0100	10300	10000	3.3	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.4035	0.3953	0.0100	4900	5000	-2.0	30.0
Diethyl phthalate	QuaF		1.474	0.0100	5590	5000	11.9	30.0
Fluorene	QuaF		1.298	0.9000	5630	5000	12.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.6287	0.6437	0.4000	5120	5000	2.4	30.0
4-Nitroaniline	Ave	0.3843	0.4056	0.0100	5280	5000	5.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1726	0.1921	0.0100	11100	10000	11.3	30.0
N-Nitrosodiphenylamine	Ave	0.7510	0.7495	0.0100	8480	8500	-0.2	30.0
1,2-Diphenylhydrazine	QuaF		1.354	0.0100	5940	5000	18.8	30.0
4-Bromophenyl phenyl ether	Ave	0.2609	0.2954	0.1000	5660	5000	13.2	30.0
Hexachlorobenzene	Ave	0.3119	0.3304	0.1000	5300	5000	5.9	30.0
Pentachloronitrobenzene	Ave	0.1042	0.1152	0.0100	5530	5000	10.6	30.0
Pentachlorophenol	Ave	0.1362	0.1600	0.0500	11800	10000	17.5	30.0
n-Octadecane	Qua		0.8765	0.0100	5580	5000	11.6	30.0
Phenanthrene	Ave	1.025	1.071	0.7000	5230	5000	4.5	30.0
Anthracene	Ave	1.034	1.124	0.7000	5430	5000	8.7	30.0
Carbazole	Ave	1.041	1.096	0.0100	5270	5000	5.4	30.0
Di-n-butyl phthalate	Qua		1.475	0.0100	5480	5000	9.6	30.0
Fluoranthene	Ave	1.043	1.139	0.6000	5460	5000	9.3	30.0
Benzidine	Ave	0.5162	0.5546		5370	5000	7.4	30.0
Pyrene	Ave	1.505	1.587	0.6000	5270	5000	5.5	30.0
Bisphenol-A	Ave	0.6083	0.6255		5140	5000	2.8	30.0
Butyl benzyl phthalate	Ave	0.7733	0.8180	0.0100	5290	5000	5.8	30.0
Carbamazepine	Ave	0.4530	0.4511	0.0100	4980	5000	-0.4	30.0
3,3'-Dichlorobenzidine	Ave	0.4426	0.4587	0.0100	5180	5000	3.6	30.0
Benzo[a]anthracene	Ave	1.193	1.223	0.8000	5120	5000	2.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.9065	0.9638	0.0100	5320	5000	6.3	30.0
Chrysene	Ave	1.014	1.144	0.7000	5640	5000	12.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: ICV 460-334749/10 Calibration Date: 11/11/2015 19:48

Instrument ID: CBNAMS6 Calib Start Date: 11/11/2015 16:58

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 11/11/2015 19:26

Lab File ID: M966469.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Ave	1.687	1.963	0.0100	5820	5000	16.4	30.0
Benzo[b]fluoranthene	Ave	1.132	1.206	0.7000	5330	5000	6.6	30.0
Benzo[k]fluoranthene	Ave	1.208	1.136	0.7000	4700	5000	-6.0	30.0
Benzo[a]pyrene	Ave	1.071	1.125	0.7000	5260	5000	5.1	30.0
Indeno[1,2,3-cd]pyrene	Ave	0.9643	0.8747	0.5000	4540	5000	-9.3	30.0
Dibenz(a,h)anthracene	Ave	0.9237	0.9762	0.4000	5280	5000	5.7	30.0
Benzo[g,h,i]perylene	Ave	0.9750	1.036	0.5000	5310	5000	6.3	30.0
Benzoic acid	Lin2				50.0	5000	-100.0*	30.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966469.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 11-Nov-2015 19:48:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-010
Operator ID: Instrument ID: CBNAMS6
Sublist:

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:41:10 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: bayoumiw Date: 11-Nov-2015 22:04:36

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.657	1.656	0.001	96	290290	5.00	5.52	
	2 N-Nitrosodimethylamine	74	1.872	1.878	-0.006	77	442784	5.00	4.37	
	3 Pyridine	79	1.901	1.901	0.000	82	735457	5.00	5.19	
	8 Aniline	93	3.928	3.934	-0.006	98	1171808	5.00	5.22	
	7 Phenol	94	3.965	3.964	0.001	94	1038236	5.00	5.70	
	9 Bis(2-chloroethyl)ether	93	3.980	3.994	-0.014	85	827883	5.00	4.97	
	10 Benzonitrile	103	4.003	4.009	-0.006	84	1314833	NC	NC	
	11 2-Chlorophenol	128	4.070	4.069	0.001	88	655465	5.00	5.40	
	12 n-Decane	43	4.093	4.099	-0.006	91	905692	5.00	5.81	
	13 1,3-Dichlorobenzene	146	4.196	4.196	0.000	89	654223	5.00	5.24	
*	14 1,4-Dichlorobenzene-d4	152	4.248	4.246	0.002	95	687963	8.00	8.00	
	15 1,4-Dichlorobenzene	146	4.271	4.271	0.000	90	639876	5.00	5.37	
	17 Benzyl alcohol	108	4.404	4.412	-0.008	85	479407	5.00	5.45	
	18 1,2-Dichlorobenzene	146	4.419	4.427	-0.008	88	636390	5.00	5.81	
	20 2,2'-oxybis[1-chloropropan	45	4.532	4.532	0.000	90	1570755	5.00	5.25	
	19 2-Methylphenol	108	4.554	4.562	-0.008	85	648074	5.00	5.28	
	23 N-Methylaniline	106	4.651	4.659	-0.008	73	940996	NC	NC	
	24 Acetophenone	105	4.666	4.674	-0.008	80	860412	5.00	5.03	
	25 N-Nitrosodi-n-propylamine	70	4.666	4.682	-0.016	95	572688	5.00	4.58	
	26 3 & 4 Methylphenol	108	4.711	4.719	-0.008	20	708543	5.00	5.56	
	21 4-Methylphenol	108	4.711	4.719	-0.008	92	696327	5.00	5.55	
	27 Hexachloroethane	117	4.756	4.764	-0.008	82	329903	5.00	5.16	
	29 Nitrobenzene	77	4.830	4.847	-0.017	84	1086320	5.00	5.36	
	30 n,n'-Dimethylaniline	120	4.838	4.847	-0.009	76	780568	5.00	5.05	
	31 Isophorone	82	5.076	5.085	-0.009	96	1638883	5.00	5.18	
	32 2-Nitrophenol	139	5.158	5.160	-0.002	84	401204	5.00	5.15	
	33 2,4-Dimethylphenol	122	5.240	5.242	-0.002	85	526377	5.00	5.17	
	34 Bis(2-chloroethoxy)methane	93	5.300	5.309	-0.009	93	878074	5.00	5.38	
	36 2,4-Dichlorophenol	162	5.433	5.436	-0.003	91	560800	5.00	5.71	
	37 1,2,4-Trichlorobenzene	180	5.485	5.486	-0.001	86	530547	5.00	5.08	
*	38 Naphthalene-d8	136	5.538	5.536	0.002	98	2221811	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
39 Naphthalene	128	5.560	5.566	-0.006	97	1492695	5.00	5.15	
40 4-Chloroaniline	127	5.628	5.633	-0.005	88	727849	5.00	5.28	
41 Hexachlorobutadiene	225	5.695	5.693	0.002	90	308221	5.00	5.35	
44 4-Chloro-3-methylphenol	107	6.157	6.160	-0.004	89	595777	5.00	5.49	
45 2-Methylnaphthalene	142	6.254	6.256	-0.002	79	1069876	5.00	5.30	
46 1-Methylnaphthalene	142	6.351	6.353	-0.002	80	1010822	5.00	5.64	
47 Hexachlorocyclopentadiene	237	6.418	6.420	-0.002	80	302433	5.00	5.54	
48 1,2,4,5-Tetrachlorobenzene	216	6.425	6.435	-0.010	89	502948	5.00	4.92	
49 2-tertbutyl-4-methylphenol	149	6.485	6.487	-0.002	87	727175	5.00	5.37	
50 2,4,6-Trichlorophenol	196	6.560	6.560	0.000	85	363809	5.00	5.03	
51 2,4,5-Trichlorophenol	196	6.620	6.626	-0.006	90	380555	5.00	5.51	
53 1,1'-Biphenyl	154	6.725	6.731	-0.006	97	1260306	5.00	5.20	
54 2-Chloronaphthalene	162	6.740	6.746	-0.006	93	942122	5.00	5.06	
55 Phenyl ether	170	6.830	6.827	0.003	87	686926	5.00	5.18	
57 2-Nitroaniline	65	6.852	6.858	-0.006	68	459215	5.00	5.00	
58 1,3-Dimethylnaphthalene	156	6.957	6.963	-0.006	88	809925	5.00	5.10	
59 Dimethyl phthalate	163	7.038	7.046	-0.008	95	1074394	5.00	4.94	
60 Coumarin	146	7.053	7.060	-0.007	73	361902	5.00	5.33	
61 2,6-Dinitrotoluene	165	7.091	7.098	-0.007	30	292897	5.00	4.82	
62 Acenaphthylene	152	7.149	7.157	-0.008	95	1534354	5.00	5.09	
63 3-Nitroaniline	138	7.265	7.275	-0.010	89	326335	5.00	4.82	
* 64 Acenaphthene-d10	164	7.295	7.293	0.002	86	1188538	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.324	7.328	-0.004	85	689499	5.00	5.30	
66 Acenaphthene	154	7.324	7.328	-0.004	92	835766	5.00	5.34	
67 2,4-Dinitrophenol	184	7.369	7.373	-0.004	92	350132	10.0	9.98	
70 2,4-Dinitrotoluene	165	7.487	7.493	-0.006	85	351825	5.00	4.94	
71 Dibenzofuran	168	7.495	7.501	-0.006	89	1286278	5.00	4.90	
69 4-Nitrophenol	65	7.518	7.516	0.002	33	557602	10.0	10.3	
72 2,3,4,6-Tetrachlorophenol	232	7.637	7.637	0.000	86	293620	5.00	4.90	
73 Diethyl phthalate	149	7.735	7.739	-0.004	96	1094808	5.00	5.59	
74 4-Chlorophenyl phenyl ethe	204	7.837	7.835	0.002	78	478150	5.00	5.12	
75 Fluorene	166	7.830	7.835	-0.005	77	963874	5.00	5.63	
76 4-Nitroaniline	138	7.882	7.895	-0.013	59	301318	5.00	5.28	
77 4,6-Dinitro-2-methylphenol	198	7.897	7.910	-0.013	76	424754	10.0	11.1	
78 N-Nitrosodiphenylamine	169	7.955	7.970	-0.015	67	1408913	8.50	8.48	
79 1,2-Diphenylhydrazine	77	7.993	8.000	-0.007	94	1497329	5.00	5.94	
81 4-Bromophenyl phenyl ether	248	8.313	8.321	-0.008	78	326619	5.00	5.66	
82 Hexachlorobenzene	284	8.381	8.389	-0.008	93	365350	5.00	5.30	
85 Pentachloronitrobenzene	237	8.594	8.589	0.005	55	127382	5.00	5.53	
84 Pentachlorophenol	266	8.594	8.596	-0.002	89	353888	10.0	11.8	
86 n-Octadecane	57	8.660	8.662	-0.002	96	969156	5.00	5.58	
* 87 Phenanthrene-d10	188	8.756	8.750	0.006	99	1769186	8.00	8.00	
88 Phenanthrene	178	8.778	8.782	-0.004	97	1184362	5.00	5.23	
89 Anthracene	178	8.830	8.835	-0.005	97	1242399	5.00	5.43	
90 Carbazole	167	8.994	9.000	-0.006	83	1212205	5.00	5.27	
91 Di-n-butyl phthalate	149	9.336	9.337	-0.001	99	1630710	5.00	5.48	
92 Fluoranthene	202	9.939	9.949	-0.010	97	1259838	5.00	5.46	
93 Benzidine	184	10.081	10.084	-0.003	99	613206	5.00	5.37	
94 Pyrene	202	10.162	10.167	-0.005	96	1227864	5.00	5.27	
95 Bisphenol-A	213	10.230	10.234	-0.004	0	483869	5.00	5.14	
97 Butyl benzyl phthalate	149	10.844	10.841	0.003	96	632725	5.00	5.29	
99 Carbamazepine	193	10.964	10.973	-0.009	83	348935	5.00	4.98	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	11.456	11.462	-0.006	97	354811	5.00	5.18	
101 Benzo[a]anthracene	228	11.477	11.483	-0.006	98	946077	5.00	5.12	
* 102 Chrysene-d12	240	11.491	11.487	0.004	98	1237665	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.520	11.524	-0.004	89	745552	5.00	5.32	
104 Chrysene	228	11.520	11.531	-0.011	83	885201	5.00	5.64	
105 Di-n-octyl phthalate	149	12.365	12.367	-0.002	96	1235789	5.00	5.82	
106 Benzo[b]fluoranthene	252	12.861	12.874	-0.013	89	759366	5.00	5.33	
107 Benzo[k]fluoranthene	252	12.899	12.912	-0.013	86	714840	5.00	4.70	
108 Benzo[a]pyrene	252	13.303	13.314	-0.011	97	708174	5.00	5.26	
* 109 Perylene-d12	264	13.386	13.386	0.000	99	1007060	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.863	14.875	-0.012	99	550533	5.00	4.54	M
111 Dibenz(a,h)anthracene	278	14.893	14.913	-0.020	96	614457	5.00	5.28	
112 Benzo[g,h,i]perylene	276	15.266	15.284	-0.018	91	652325	5.00	5.31	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SM_ICV LVI_00012 Amount Added: 1.00 Units: mL

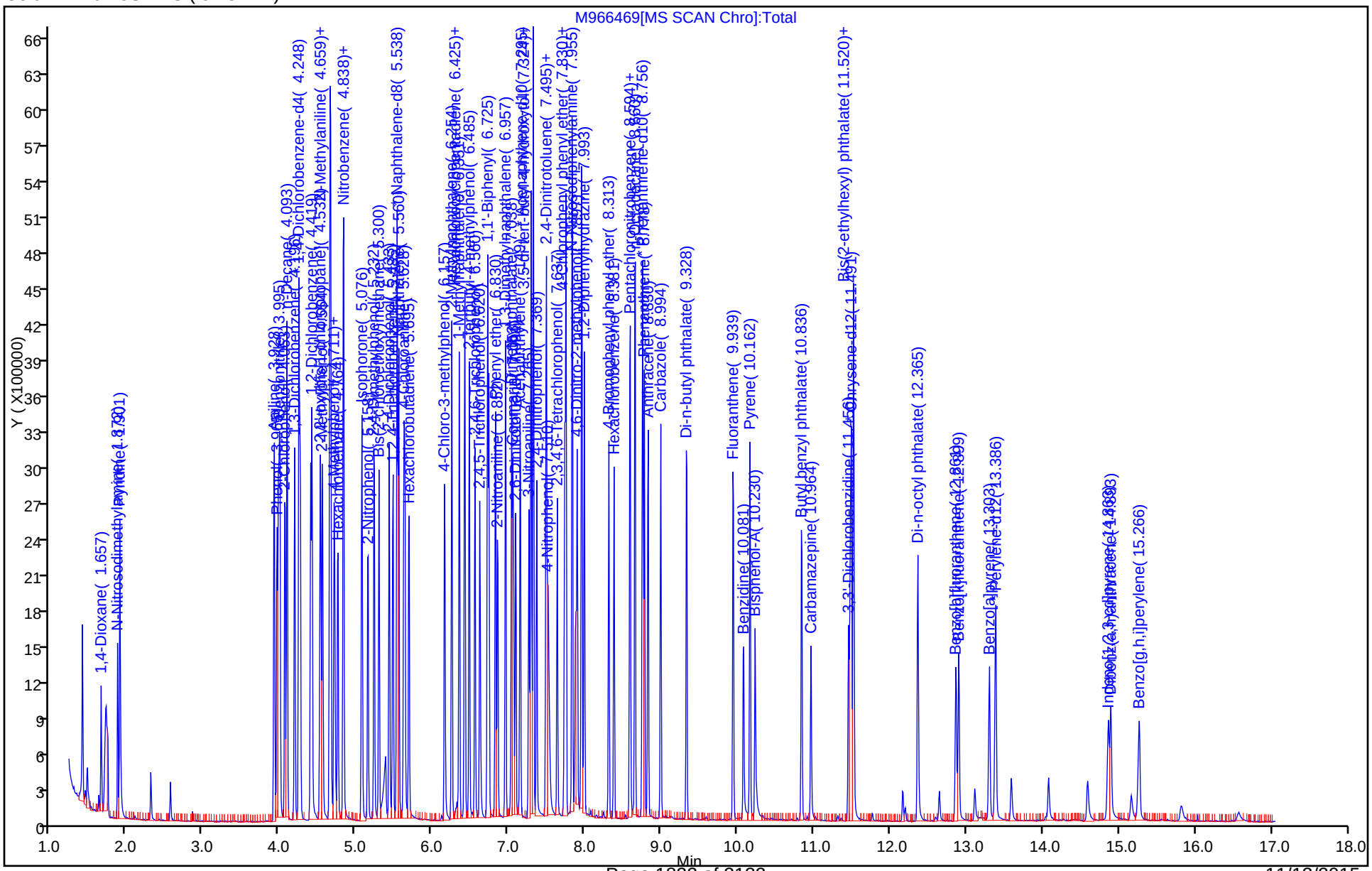
Report Date: 12-Nov-2015 11:41:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966469.D

Injection Date:	11-Nov-2015 19:48:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	icv			Worklist Smp#:	10
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334749/11 Calibration Date: 11/11/2015 20:09

Instrument ID: CBNAMS6 Calib Start Date: 10/29/2015 22:18

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/30/2015 00:25

Lab File ID: M966470.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.432	1.496	0.0100	10400	10000	4.5	20.0
Caprolactam	Ave	0.1440	0.1677	0.0100	11600	10000	16.5	20.0
Atrazine	Ave	0.2540	0.2353	0.0100	9260	10000	-7.4	20.0

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966470.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 20:09:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-011
Operator ID: Instrument ID: CBNAMS6
Sublist: chrom-8270LVI_R6*sub20

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 13:57:32 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK005

First Level Reviewer: zhaoc Date: 12-Nov-2015 13:57:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.815	3.815	0.000	86	1234377	10.0	10.4	
* 14 1,4-Dichlorobenzene-d4	152	4.246	4.246	0.000	95	660298	8.00	8.00	
* 38 Naphthalene-d8	136	5.536	5.536	0.000	98	2198946	8.00	8.00	
42 Caprolactam	113	5.966	5.966	0.000	85	460973	10.0	11.6	
* 64 Acenaphthene-d10	164	7.293	7.293	0.000	92	1294081	8.00	8.00	
83 Atrazine	200	8.488	8.488	0.000	81	576375	10.0	9.26	
* 87 Phenanthrene-d10	188	8.750	8.750	0.000	99	1959699	8.00	8.00	
* 102 Chrysene-d12	240	11.487	11.487	0.000	99	1395394	8.00	8.00	
* 109 Perylene-d12	264	13.386	13.386	0.000	99	1087082	8.00	8.00	

Reagents:

SM_BNAL5B_00017 Amount Added: 1.00 Units: mL

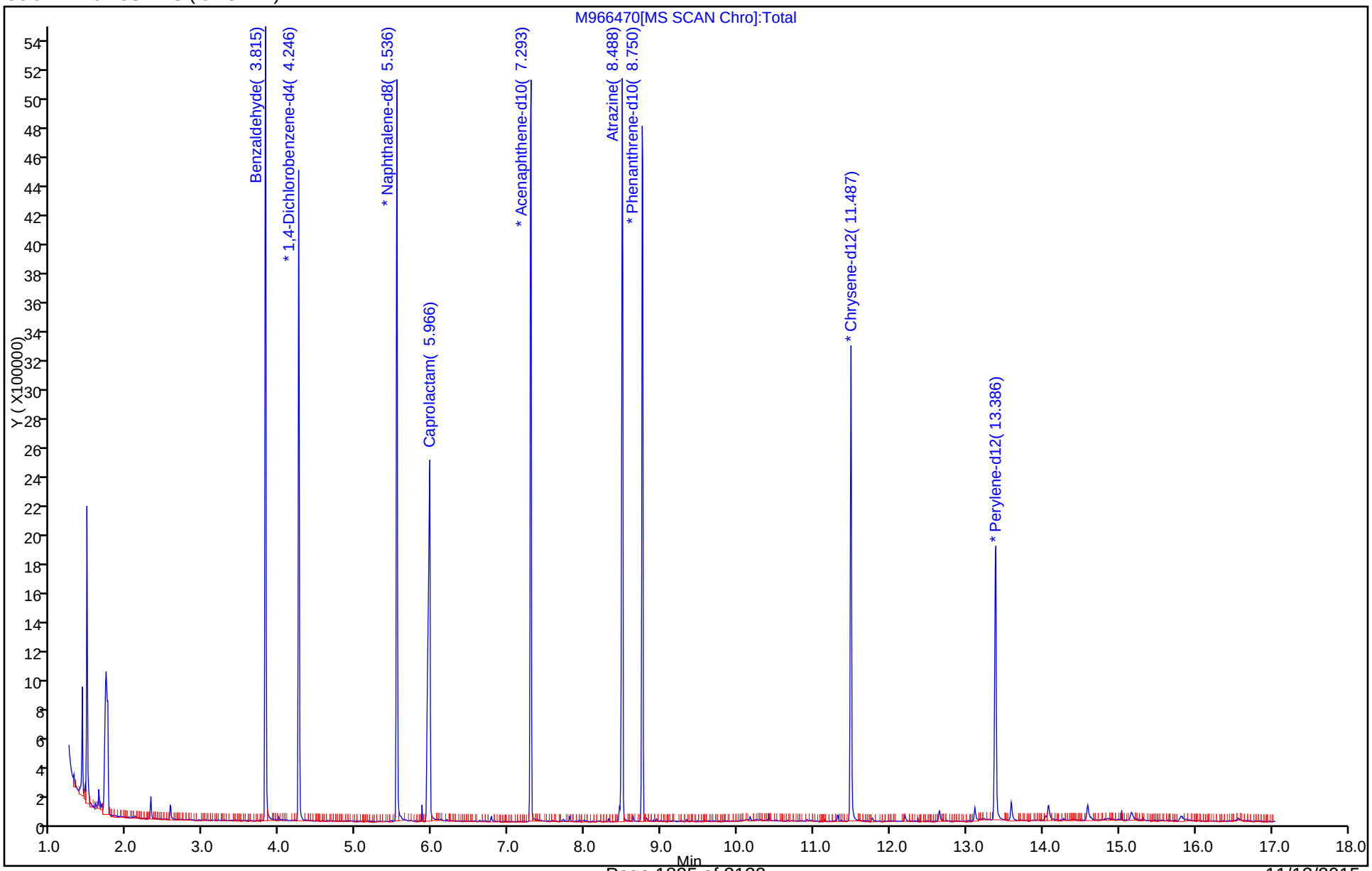
Report Date: 12-Nov-2015 13:57:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966470.D

Injection Date:	11-Nov-2015 20:09:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	ccv			Worklist Smp#:	11
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 02-Nov-2015 14:57:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033713-001
Misc. Info.: 25 ppm bna 5244
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 00:23:34 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK023

First Level Reviewer: zhaoc Date: 02-Nov-2015 15:27:19

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	5.151	5.151	0.000	89	11560	NR	NR	
56 Benzidine_T	184	6.987	6.987	0.000	99	74860	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	7.663	7.663	0.000	1	64		NR	
126 4,4'-DDD	235	7.663	7.663	0.000	21	814		NR	
127 4,4'-DDT	235	7.986	7.986	0.000	96	34284	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

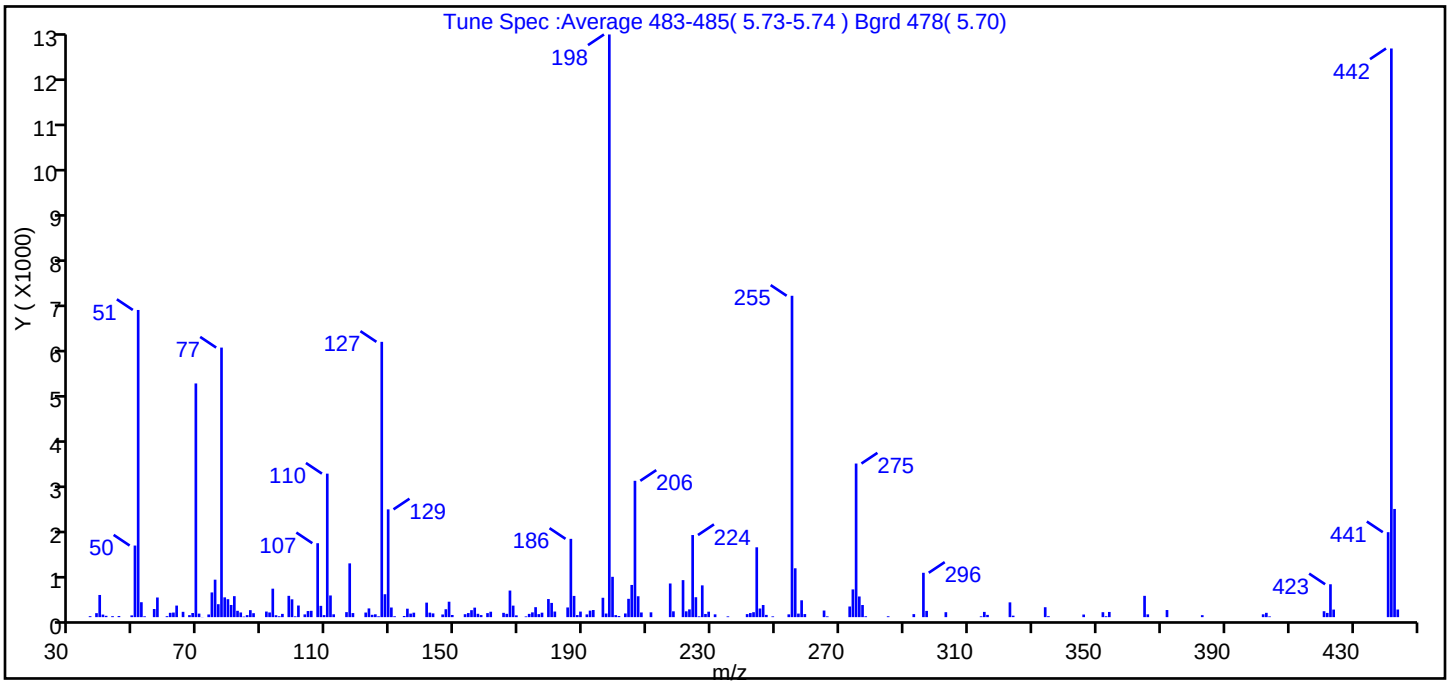
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D
Injection Date: 02-Nov-2015 14:57:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	52.7
68	<2% of mass 69	0.7 (1.8)
69	Present	40.1
70	<2% of mass 69	0.6 (1.5)
127	40-60% of mass 198	47.2
197	<1% of mass 198	0.6
199	5-9% of mass 198	6.9
275	10-30% of mass 198	26.4
365	>1% of mass 198	3.7
441	Present but less than mass 443	14.6 (78.5)
442	>40% of mass 198	97.6
443	17-23% of mass 442	18.6 (19.0)

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D\8270_11R_9.rslt\spectra.d
Injection Date: 02-Nov-2015 14:57:30
Spectrum: Tune Spec :Average 483-485(5.73-5.74) Bgrd 478(5.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	21	101.00	253	173.00	71	247.00	49
38.00	87	103.00	60	174.00	104	249.00	17
39.00	483	104.00	133	175.00	217	254.00	61
40.00	56	105.00	138	176.00	66	255.00	6998
41.00	29	107.00	1610	177.00	97	256.00	1064
43.00	21	108.00	246	179.00	394	257.00	77
45.00	24	109.00	44	180.00	310	258.00	367
49.00	38	110.00	3125	181.00	122	259.00	67
50.00	1559	111.00	472	185.00	211	265.00	144
51.00	6689	112.00	62	186.00	1705	266.00	17
52.00	325	116.00	109	187.00	462	273.00	232
53.00	18	117.00	1171	188.00	45	274.00	604
56.00	177	118.00	89	189.00	121	275.00	3345
57.00	428	122.00	100	191.00	60	276.00	450
60.00	21	123.00	190	192.00	142	277.00	264
61.00	94	124.00	51	193.00	155	278.00	19
62.00	100	125.00	62	196.00	422	285.00	19
63.00	252	126.00	18	197.00	79	293.00	66
65.00	116	127.00	5995	198.00	12688	296.00	966
67.00	44	128.00	499	199.00	878	297.00	136
68.00	90	129.00	2347	200.00	44	303.00	108
69.00	5089	130.00	210	201.00	24	314.00	17
70.00	77	131.00	19	203.00	80	315.00	114
71.00	3	134.00	25	204.00	399	316.00	49
73.00	58	135.00	184	205.00	701	323.00	322
74.00	538	136.00	77	206.00	2969	324.00	32
75.00	816	137.00	97	207.00	455	334.00	216
76.00	282	141.00	316	208.00	102	335.00	21
77.00	5870	142.00	98	211.00	105	346.00	57
78.00	431	143.00	82	217.00	733	352.00	108
79.00	391	146.00	58	218.00	127	353.00	19
80.00	265	147.00	172	221.00	806	354.00	113
81.00	457	148.00	336	222.00	127	365.00	464

Report Date: 03-Nov-2015 00:23:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38184.D\8270_11R_9.rslt\spectra.d
Injection Date: 02-Nov-2015 14:57:30
Spectrum: Tune Spec :Average 483-485(5.73-5.74) Bgrd 478(5.70)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 191

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	138	149.00	47	223.00	169	366.00	61
83.00	102	153.00	64	224.00	1788	372.00	155
84.00	12	154.00	89	225.00	434	383.00	43
85.00	44	155.00	152	226.00	17	402.00	62
86.00	152	156.00	207	227.00	692	403.00	94
87.00	86	157.00	73	228.00	69	404.00	16
91.00	122	158.00	45	229.00	119	421.00	129
92.00	102	160.00	88	231.00	61	422.00	92
93.00	620	161.00	118	235.00	17	423.00	716
94.00	41	165.00	94	241.00	66	424.00	165
95.00	19	166.00	72	242.00	89	441.00	1850
96.00	71	167.00	579	243.00	108	442.00	12383
98.00	464	168.00	251	244.00	1521	443.00	2356
99.00	388	169.00	39	245.00	188	444.00	166
100.00	17	172.00	16	246.00	264		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38450.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 10-Nov-2015 06:40:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034028-001
Misc. Info.: 25 ppm bna 5293
Operator ID: Instrument ID: CBNAMS11

Method: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\8270_11R_9.m
Limit Group: SV 8270D ICAL
Last Update: 10-Nov-2015 12:09:54 Calib Date: 02-Nov-2015 21:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS11\20151102-33713.b\z38200.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK049

First Level Reviewer: manlangitf Date: 10-Nov-2015 06:55:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.904	4.904	0.000	94	10915	NR	NR	
56 Benzidine_T	184	6.751	6.751	0.000	100	70327	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	7.404	7.404	0.000	94	712		NR	
125 4,4'-DDE	246	7.757	7.757	0.000	55	1537		NR	
127 4,4'-DDT	235	7.757	7.757	0.000	98	27115	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

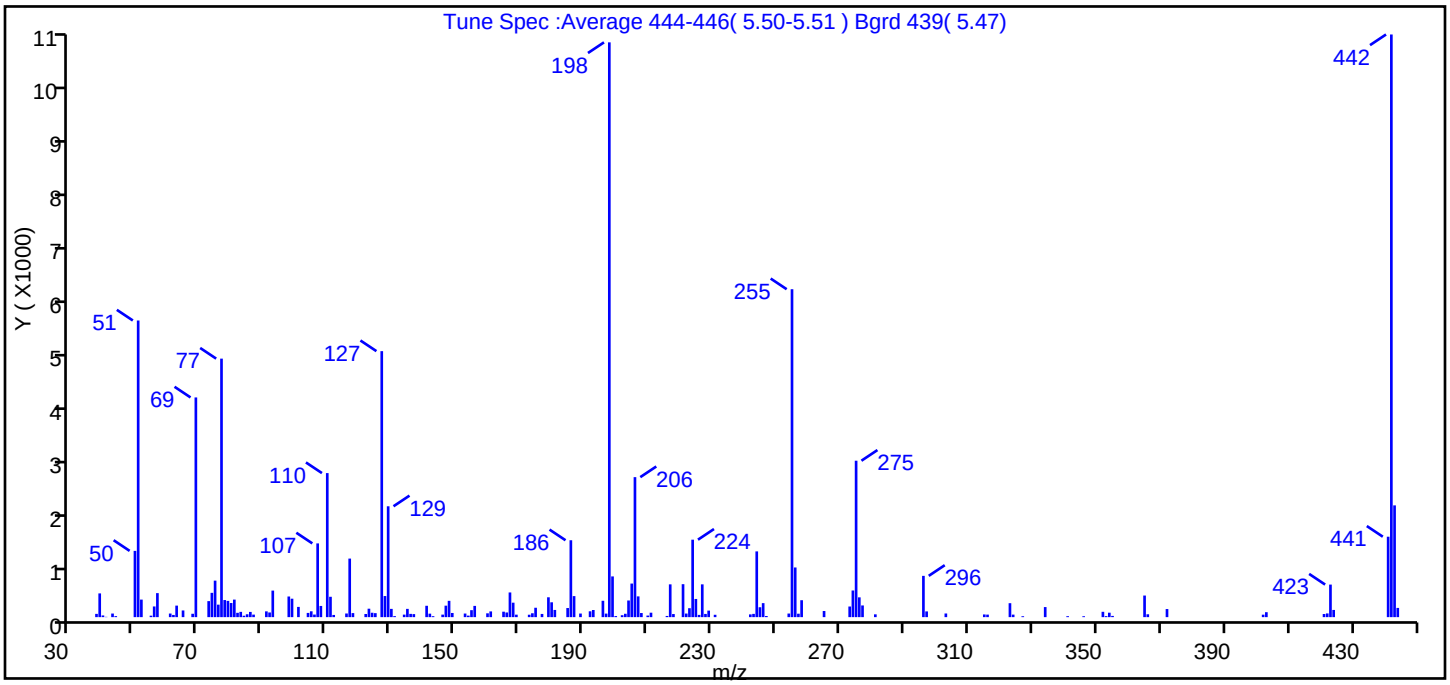
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38450.D
Injection Date: 10-Nov-2015 06:40:30 Instrument ID: CBNAMS11
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	51.6
68	<2% of mass 69	0.6 (1.5)
69	Present	38.2
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	46.3
197	<1% of mass 198	0.6
199	5-9% of mass 198	7.1
275	10-30% of mass 198	27.2
365	>1% of mass 198	3.8
441	Present but less than mass 443	14.0 (72.0)
442	>40% of mass 198	101.4
443	17-23% of mass 442	19.4 (19.2)

Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38450.D\8270_11R_9.rslt\spectra.d
Injection Date: 10-Nov-2015 06:40:30
Spectrum: Tune Spec :Average 444-446(5.50-5.51) Bgrd 439(5.47)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	58	107.00	1311	177.00	57	247.00	20
39.00	422	108.00	199	179.00	353	254.00	64
40.00	30	110.00	2561	180.00	264	255.00	5830
41.00	5	111.00	362	181.00	128	256.00	883
43.00	64	112.00	39	185.00	162	257.00	61
44.00	18	116.00	65	186.00	1367	258.00	301
50.00	1178	117.00	1041	187.00	374	265.00	109
51.00	5274	118.00	72	189.00	64	273.00	189
52.00	312	122.00	56	192.00	104	274.00	474
55.00	26	123.00	150	193.00	127	275.00	2781
56.00	190	124.00	78	196.00	291	276.00	352
57.00	427	125.00	71	197.00	63	277.00	208
61.00	64	127.00	4729	198.00	10219	281.00	50
62.00	39	128.00	375	199.00	724	296.00	734
63.00	205	129.00	1971	200.00	19	297.00	102
65.00	119	130.00	147	202.00	34	303.00	65
68.00	60	131.00	18	203.00	60	315.00	48
69.00	3906	134.00	45	204.00	296	316.00	45
73.00	285	135.00	147	205.00	597	323.00	248
74.00	432	136.00	58	206.00	2489	324.00	45
75.00	649	137.00	54	207.00	369	327.00	16
76.00	222	141.00	202	208.00	73	334.00	179
77.00	4596	142.00	62	210.00	28	341.00	17
78.00	304	143.00	17	211.00	79	346.00	16
79.00	289	146.00	45	216.00	21	352.00	95
80.00	251	147.00	204	217.00	583	353.00	18
81.00	312	148.00	290	218.00	55	354.00	79
82.00	77	149.00	74	221.00	586	355.00	22
83.00	94	153.00	64	222.00	64	365.00	384
84.00	25	154.00	27	223.00	159	366.00	51
85.00	51	155.00	124	224.00	1377	372.00	144
86.00	93	156.00	200	225.00	323	402.00	44
87.00	45	160.00	68	226.00	40	403.00	88

Report Date: 10-Nov-2015 12:09:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS11\20151109-34028.b\z38450.D\8270_11R_9.rslt\spectra.d
Injection Date: 10-Nov-2015 06:40:30
Spectrum: Tune Spec :Average 444-446(5.50-5.51) Bgrd 439(5.47)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 167

m/z	Y	m/z	Y	m/z	Y	m/z	Y
91.00	103	161.00	102	227.00	583	421.00	56
92.00	83	165.00	97	228.00	57	422.00	66
93.00	472	166.00	83	229.00	116	423.00	579
98.00	367	167.00	439	231.00	42	424.00	128
99.00	328	168.00	257	242.00	49	441.00	1430
101.00	182	169.00	44	243.00	58	442.00	10359
104.00	75	173.00	43	244.00	1169	443.00	1987
105.00	104	174.00	69	245.00	176	444.00	164
106.00	46	175.00	167	246.00	249		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 19-Oct-2015 14:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033148-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 19-Oct-2015 21:04:03 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: croccom Date: 19-Oct-2015 14:17:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	5.045	5.045	0.000	93	81002	NC	NC	
47 Benzidine_T	184	6.828	6.828	0.000	99	248144	NC	NC	
121 DFTPP									
122 4,4'-DDE	246	7.063	7.063	0.000	86	417		NR	
123 4,4'-DDD	235	7.492	7.492	0.000	94	3575		NR	
124 4,4'-DDT	235	7.810	7.810	0.000	98	144594	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

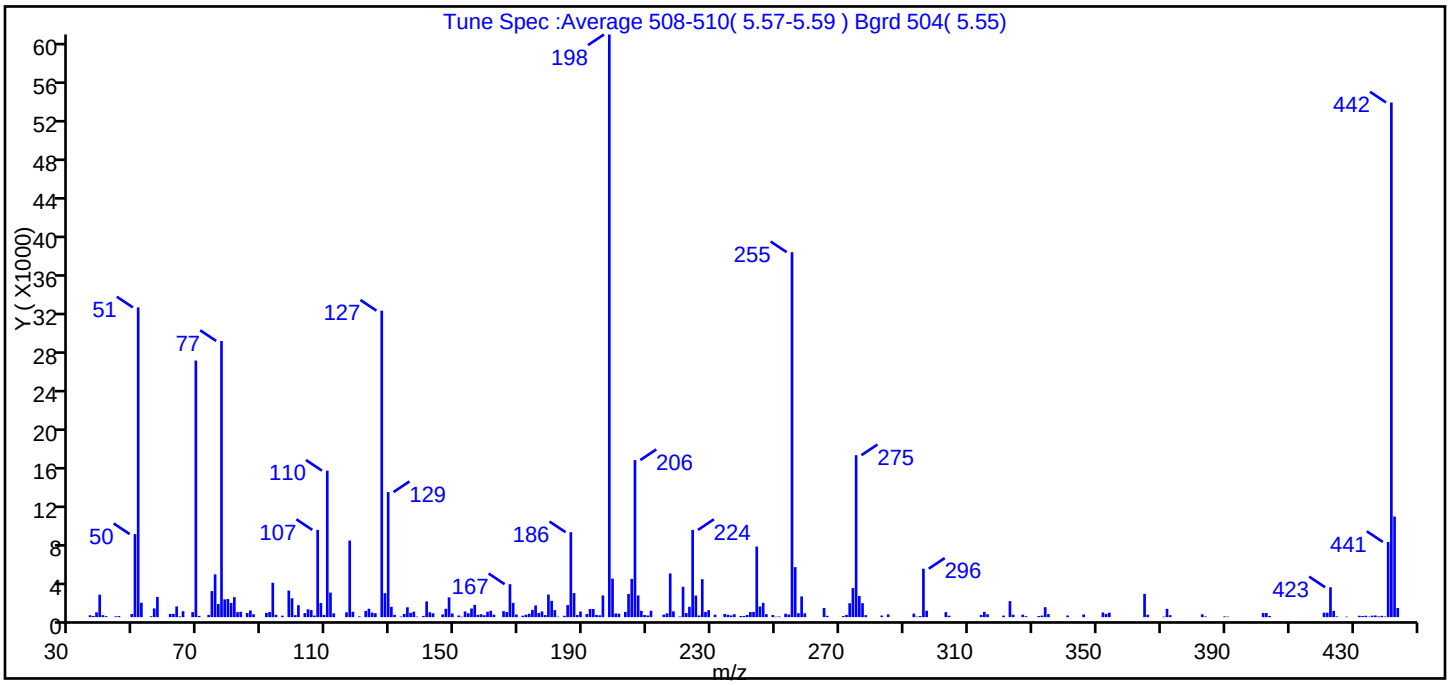
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D
Injection Date: 19-Oct-2015 14:04:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.2
68	<2% of mass 69	0.9 (2.0)
69	Present	44.0
70	<2% of mass 69	0.2 (0.5)
127	40-60% of mass 198	52.6
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	27.8
365	>1% of mass 198	4.0
441	Present but less than mass 443	12.9 (74.7)
442	>40% of mass 198	88.3
443	17-23% of mass 442	17.3 (19.6)

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-Oct-2015 14:04:30
Spectrum: Tune Spec :Average 508-510(5.57-5.59) Bgrd 504(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	194	123.00	869	195.00	188	277.00	1444
37.00	122	124.00	472	196.00	2243	278.00	207
38.00	498	125.00	407	198.00	60272	283.00	165
39.00	2324	127.00	31704	199.00	3984	285.00	287
40.00	205	128.00	2480	200.00	376	293.00	359
41.00	102	129.00	12936	201.00	356	294.00	54
44.00	83	130.00	1067	203.00	544	295.00	108
45.00	114	131.00	241	204.00	2401	296.00	5010
49.00	324	133.00	59	205.00	3959	297.00	663
50.00	8592	134.00	336	206.00	16248	303.00	520
51.00	32040	135.00	1019	207.00	2248	304.00	148
52.00	1488	136.00	442	208.00	651	314.00	229
55.00	86	137.00	567	209.00	220	315.00	547
56.00	904	138.00	55	210.00	173	316.00	304
57.00	2091	140.00	129	211.00	662	321.00	159
61.00	334	141.00	1625	215.00	260	323.00	1653
62.00	341	142.00	505	216.00	395	324.00	253
63.00	1112	143.00	396	217.00	4515	327.00	258
64.00	78	146.00	278	218.00	601	328.00	97
65.00	608	147.00	865	220.00	65	332.00	121
68.00	523	148.00	2045	221.00	3145	333.00	163
69.00	26544	149.00	381	222.00	423	334.00	1028
70.00	129	151.00	171	223.00	1071	335.00	307
73.00	232	152.00	50	224.00	9022	341.00	170
74.00	2696	153.00	589	225.00	2233	346.00	274
75.00	4427	154.00	398	226.00	174	352.00	489
76.00	1368	155.00	894	227.00	3923	353.00	339
77.00	28568	156.00	1269	228.00	540	354.00	462
78.00	1837	157.00	241	229.00	724	365.00	2408
79.00	1874	158.00	305	231.00	253	366.00	255
80.00	1469	159.00	199	234.00	335	371.00	58
81.00	2066	160.00	560	235.00	254	372.00	861
82.00	515	161.00	655	236.00	180	373.00	200

Report Date: 19-Oct-2015 21:04:07 Chrom Revision: 2.2 08-Sep-2015 13:41:46
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127022.D\8270_12R_9.rslt\spectra.d
Injection Date: 19-Oct-2015 14:04:30
Spectrum: Tune Spec :Average 508-510(5.57-5.59) Bgrd 504(5.55)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 242

m/z	Y	m/z	Y	m/z	Y	m/z	Y
83.00	559	162.00	258	237.00	302	383.00	292
85.00	434	165.00	622	239.00	123	384.00	69
86.00	688	166.00	529	240.00	121	390.00	78
87.00	296	167.00	3410	241.00	223	391.00	52
91.00	445	168.00	1475	242.00	530	402.00	438
92.00	530	169.00	274	243.00	542	403.00	429
93.00	3553	171.00	152	244.00	7303	404.00	126
94.00	243	172.00	253	245.00	1099	421.00	466
96.00	152	173.00	353	246.00	1482	422.00	463
98.00	2750	174.00	751	247.00	309	423.00	3090
99.00	1949	175.00	1208	249.00	219	424.00	649
100.00	206	176.00	434	250.00	51	425.00	77
101.00	1236	177.00	590	251.00	68	428.00	54
103.00	419	178.00	216	253.00	356	432.00	142
104.00	812	179.00	2336	254.00	274	433.00	118
105.00	735	180.00	1686	255.00	37752	434.00	149
106.00	163	181.00	727	256.00	5173	435.00	52
107.00	9022	182.00	51	257.00	409	436.00	151
108.00	1457	184.00	142	258.00	2143	437.00	172
109.00	224	185.00	1250	259.00	396	438.00	78
110.00	15153	186.00	8789	265.00	949	439.00	135
111.00	2536	187.00	2490	266.00	139	440.00	64
112.00	392	188.00	228	271.00	113	441.00	7778
116.00	502	189.00	581	272.00	234	442.00	53240
117.00	7919	191.00	329	273.00	1441	443.00	10410
118.00	558	192.00	847	274.00	3010	444.00	948
120.00	81	193.00	842	275.00	16752		
122.00	650	194.00	223	276.00	2182		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127841.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 10-Nov-2015 02:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-001
Misc. Info.: DFTPP
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:03 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:27:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
23 Pentachlorophenol_T	266	4.499	4.499	0.000	93	22728	NR	NR	
47 Benzidine_T	184	6.281	6.281	0.000	99	115206	NR	NR	
121 DFTPP									
123 4,4'-DDD	235	6.940	6.940	0.000	92	1305		NR	
124 4,4'-DDT	235	7.257	7.257	0.000	98	52709	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

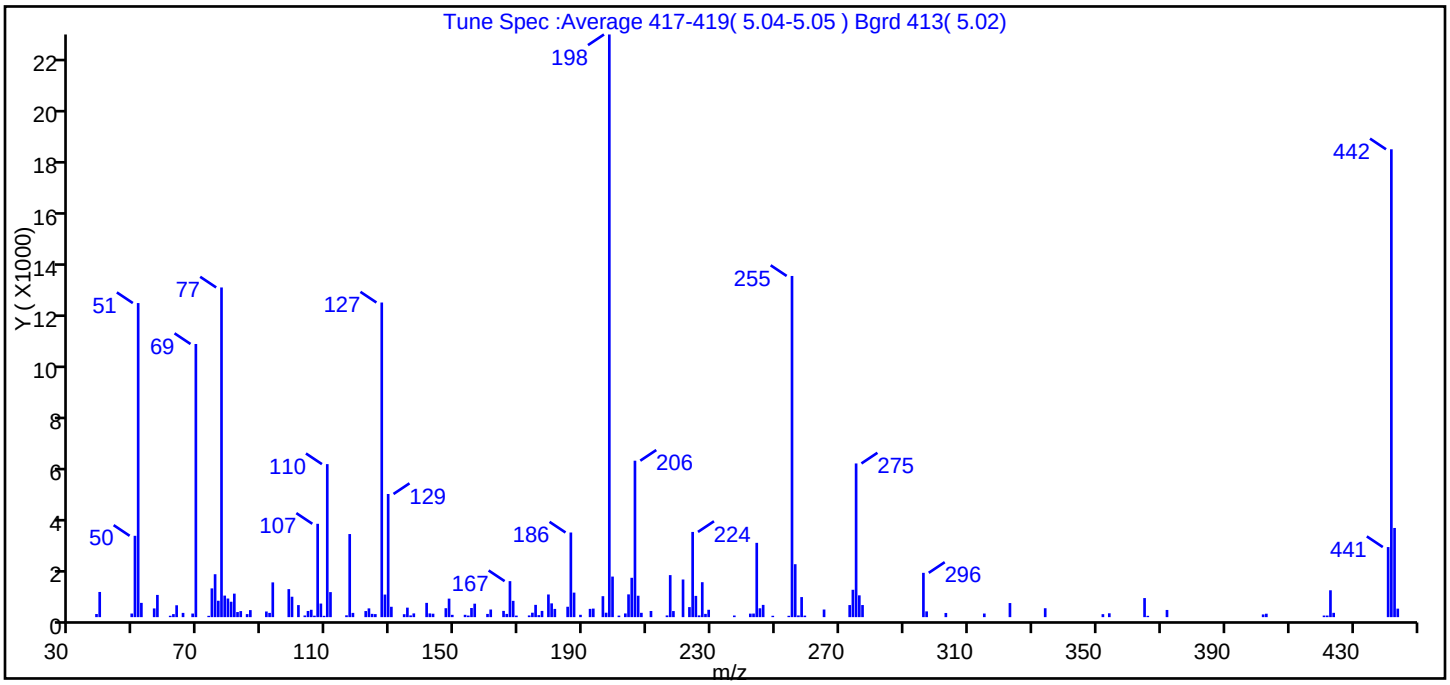
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127841.D
Injection Date: 10-Nov-2015 02:04:30 Instrument ID: CBNAMS12
Lims ID: dftpp
Client ID:
Operator ID: BNA 12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_12R_9 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.9
68	<2% of mass 69	0.6 (1.3)
69	Present	46.9
70	<2% of mass 69	0.0 (0.0)
127	40-60% of mass 198	54.0
197	<1% of mass 198	0.8
199	5-9% of mass 198	7.0
275	10-30% of mass 198	26.4
365	>1% of mass 198	3.3
441	Present but less than mass 443	12.0 (78.6)
442	>40% of mass 198	80.3
443	17-23% of mass 442	15.3 (19.1)

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127841.D\8270_12R_9.rslt\spectra.d
Injection Date: 10-Nov-2015 02:04:30
Spectrum: Tune Spec :Average 417-419(5.04-5.05) Bgrd 413(5.02)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	119	108.00	518	175.00	468	244.00	2832
39.00	960	109.00	50	176.00	76	245.00	338
49.00	138	110.00	5832	177.00	238	246.00	467
50.00	3100	111.00	954	179.00	864	249.00	52
51.00	11971	116.00	70	180.00	525	254.00	51
52.00	544	117.00	3167	181.00	314	255.00	13004
56.00	332	118.00	162	185.00	396	256.00	2018
57.00	847	122.00	232	186.00	3226	257.00	65
61.00	53	123.00	334	187.00	935	258.00	765
62.00	115	124.00	125	189.00	89	259.00	58
63.00	453	125.00	116	192.00	315	265.00	291
65.00	162	127.00	11992	193.00	326	273.00	460
68.00	137	128.00	861	196.00	799	274.00	1043
69.00	10411	129.00	4694	197.00	169	275.00	5858
73.00	50	130.00	395	198.00	22208	276.00	831
74.00	1096	134.00	112	199.00	1546	277.00	461
75.00	1636	135.00	362	201.00	59	296.00	1689
76.00	625	136.00	66	203.00	141	297.00	220
77.00	12566	137.00	143	204.00	868	303.00	159
78.00	821	141.00	544	205.00	1500	315.00	138
79.00	710	142.00	142	206.00	5963	323.00	537
80.00	587	143.00	131	207.00	816	334.00	340
81.00	896	147.00	341	208.00	165	352.00	114
82.00	194	148.00	706	211.00	235	354.00	147
83.00	231	149.00	88	216.00	65	365.00	727
85.00	116	153.00	89	217.00	1602	366.00	50
86.00	268	154.00	60	218.00	232	372.00	274
91.00	216	155.00	348	221.00	1435	402.00	104
92.00	162	156.00	513	223.00	383	403.00	131
93.00	1325	160.00	123	224.00	3248	421.00	61
98.00	1068	161.00	291	225.00	810	422.00	61
99.00	778	165.00	238	226.00	66	423.00	1024
101.00	459	166.00	123	227.00	1332	424.00	164

Report Date: 11-Nov-2015 11:27:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127841.D\8270_12R_9.rslt\spectra.d
Injection Date: 10-Nov-2015 02:04:30
Spectrum: Tune Spec :Average 417-419(5.04-5.05) Bgrd 413(5.02)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
103.00	63	167.00	1372	228.00	124	441.00	2671
104.00	235	168.00	621	229.00	281	442.00	17832
105.00	281	169.00	59	237.00	62	443.00	3399
106.00	55	173.00	65	242.00	134	444.00	324
107.00	3558	174.00	169	243.00	137		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Oct-2015 16:23:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033581-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 30-Oct-2015 09:19:18 Calib Date: 30-Oct-2015 00:25:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965843.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK026

First Level Reviewer: szczecha Date: 30-Oct-2015 09:19:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.755	4.755	0.000	92	1618000	NR	NR	
43 Benzidine_T	184	6.429	6.429	0.000	97	5302501	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.640	6.640	0.000	91	8213		NR	
126 4,4'-DDD	235	7.045	7.045	0.000	96	147223		NR	M
127 4,4'-DDT	235	7.352	7.352	0.000	95	2987341	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
M - Manually Integrated

Reagents:

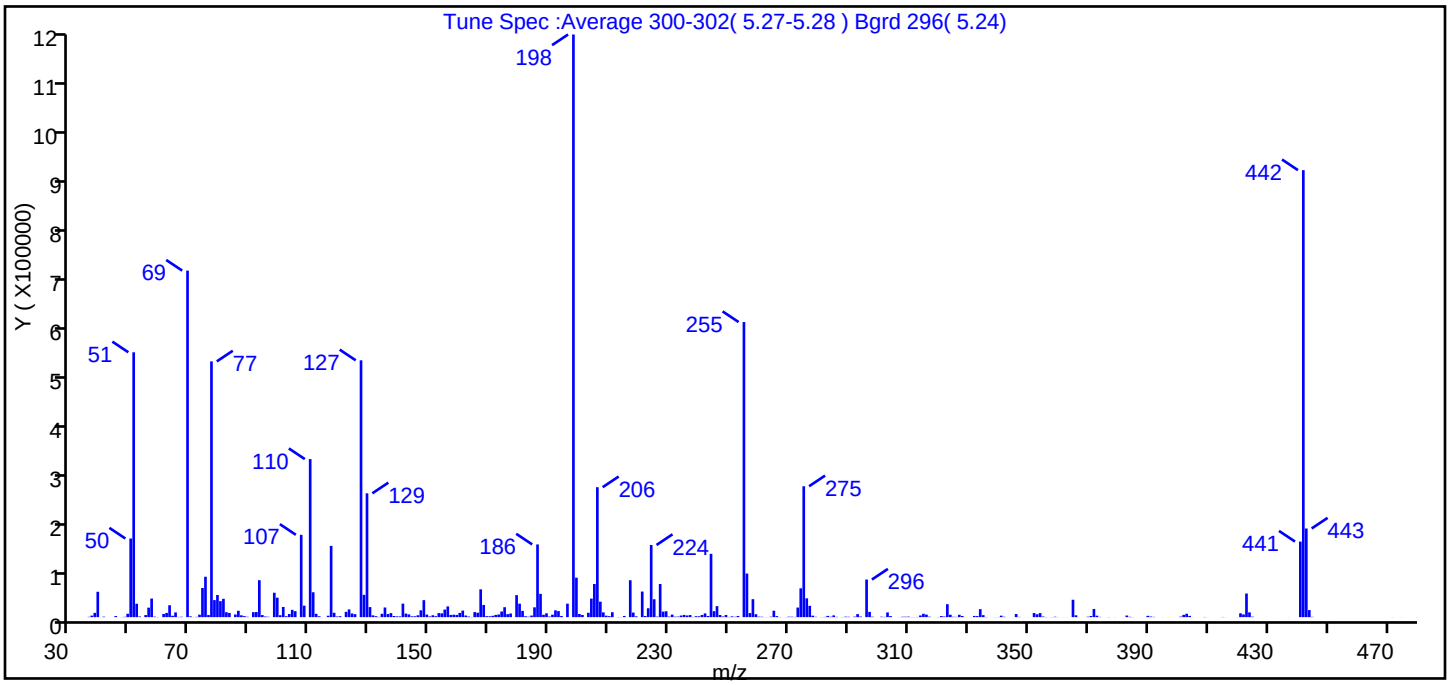
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D
Injection Date: 29-Oct-2015 16:23:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.5
68	<2% of mass 69	0.0 (0.0)
69	Present	59.5
70	<2% of mass 69	0.1 (0.2)
127	40-60% of mass 198	44.1
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.8
275	10-30% of mass 198	22.5
365	>1% of mass 198	3.0
441	Present but less than mass 443	13.0 (85.3)
442	>40% of mass 198	76.7
443	17-23% of mass 442	15.2 (19.8)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	659	134.00	6912	223.00	18280	315.00	6937
37.00	3155	135.00	19856	224.00	148480	316.00	5300
38.00	8735	136.00	6366	225.00	36816	317.00	964
39.00	52168	137.00	8340	226.00	1077	318.00	104
41.00	1021	138.00	2398	227.00	68200	320.00	344
45.00	2232	139.00	1615	228.00	11396	321.00	2263
47.00	191	140.00	1539	229.00	12141	322.00	1223
48.00	676	141.00	27776	230.00	1219	323.00	26680
49.00	6971	142.00	7347	231.00	5224	324.00	4949
50.00	161728	143.00	5628	232.00	995	325.00	768
51.00	544832	144.00	1681	233.00	1126	326.00	571
52.00	27592	145.00	1771	234.00	3310	327.00	4858
53.00	1371	146.00	3789	235.00	4561	328.00	2359
54.00	113	147.00	14049	236.00	3404	329.00	168
55.00	4248	148.00	34928	237.00	4289	331.00	100
56.00	19520	149.00	5262	238.00	376	332.00	2505
57.00	38224	150.00	1547	239.00	1969	333.00	2178
58.00	1027	151.00	3837	240.00	1765	334.00	16416
59.00	336	152.00	1970	241.00	4466	335.00	4106
61.00	6532	153.00	8320	242.00	7722	336.00	410
62.00	8714	154.00	7845	243.00	2335	339.00	187
63.00	24472	155.00	15632	244.00	130216	340.00	142
64.00	2820	156.00	22072	245.00	12251	341.00	3048
65.00	9706	157.00	4575	246.00	22616	342.00	748
66.00	498	158.00	5042	247.00	4478	346.00	6380
67.00	844	159.00	4524	248.00	1354	347.00	553
69.00	712832	160.00	8678	249.00	4398	350.00	113
70.00	1594	161.00	13441	250.00	450	352.00	8478
71.00	162	162.00	3336	251.00	1569	353.00	5887
72.00	550	163.00	1320	252.00	744	354.00	8272
73.00	5097	164.00	379	253.00	2426	355.00	1309
74.00	59920	165.00	10384	255.00	607040	356.00	372
75.00	83136	166.00	9064	256.00	89664	358.00	278

Report Date: 30-Oct-2015 09:19:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	4328	167.00	57184	257.00	8329	359.00	824
77.00	526080	168.00	25072	258.00	36984	360.00	146
78.00	35072	169.00	2012	259.00	5979	362.00	107
79.00	45528	170.00	1811	260.00	1024	363.00	144
80.00	32792	171.00	2778	261.00	819	365.00	35784
81.00	37736	172.00	4590	262.00	207	366.00	3826
82.00	10198	173.00	5414	263.00	145	367.00	146
83.00	8576	174.00	11596	264.00	924	370.00	868
85.00	5476	175.00	20432	265.00	13222	371.00	2391
86.00	13132	176.00	6186	266.00	2145	372.00	16872
87.00	3743	177.00	7511	267.00	291	373.00	2974
88.00	2067	179.00	45336	269.00	203	374.00	533
89.00	788	180.00	27736	270.00	909	377.00	279
91.00	10239	181.00	12876	271.00	889	379.00	121
92.00	10543	182.00	1866	272.00	453	383.00	3328
93.00	76032	183.00	899	273.00	19768	384.00	675
94.00	4245	184.00	3297	274.00	59288	385.00	268
95.00	1312	185.00	20208	275.00	269248	390.00	2679
96.00	753	186.00	149568	276.00	38672	391.00	1233
98.00	50224	187.00	47832	277.00	23232	392.00	556
99.00	40016	188.00	4908	278.00	3021	395.00	102
100.00	3944	189.00	7900	279.00	721	397.00	129
101.00	20896	190.00	1298	281.00	241	401.00	1104
102.00	1895	191.00	5034	282.00	478	402.00	4692
103.00	6474	192.00	14050	283.00	2567	403.00	6945
104.00	15006	193.00	12392	284.00	844	404.00	2564
105.00	12282	194.00	2433	285.00	3581	405.00	120
107.00	169344	196.00	27728	286.00	645	409.00	384
108.00	23648	198.00	1198592	288.00	278	410.00	125
110.00	325120	199.00	81208	289.00	1011	415.00	392
111.00	51184	200.00	6495	290.00	748	416.00	165
112.00	6882	201.00	4474	292.00	1049	420.00	148
113.00	1820	203.00	9016	293.00	6247	421.00	7927
116.00	2897	204.00	38136	294.00	1251	422.00	5526

Report Date: 30-Oct-2015 09:19:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151029-33581.b\M965828.D\8270LVI_R6.rslt\spectra.d
Injection Date: 29-Oct-2015 16:23:30
Spectrum: Tune Spec :Average 300-302(5.27-5.28) Bgrd 296(5.24)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 325

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	146624	205.00	68144	296.00	77344	423.00	48600
118.00	9036	206.00	267328	297.00	10876	424.00	9799
119.00	1366	207.00	31752	298.00	886	425.00	985
120.00	1951	208.00	9854	301.00	936	437.00	113
122.00	10894	209.00	2971	302.00	537	441.00	155456
123.00	15910	210.00	2078	303.00	9685	442.00	919488
124.00	7566	211.00	10139	304.00	2227	443.00	182336
125.00	6154	213.00	355	307.00	183	444.00	14504
127.00	528320	214.00	206	308.00	872	445.00	603
128.00	45928	215.00	2454	309.00	895	472.00	144
129.00	254720	217.00	75960	310.00	1074	475.00	119
130.00	20704	218.00	9451	311.00	226	480.00	123
131.00	3655	219.00	1703	312.00	220		
132.00	2010	221.00	52632	313.00	471		
133.00	490	222.00	2341	314.00	3470		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966070.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 03-Nov-2015 17:06:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033771-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 03-Nov-2015 21:55:53 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK053

First Level Reviewer: croccom Date: 03-Nov-2015 17:05:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.630	4.630	0.000	95	562116	NR	NR	
43 Benzidine_T	184	6.300	6.300	0.000	99	2786568	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.508	6.508	0.000	92	2662		NR	
126 4,4'-DDD	235	6.910	6.910	0.000	98	34449		NR	
127 4,4'-DDT	235	7.214	7.214	0.000	98	1179243	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

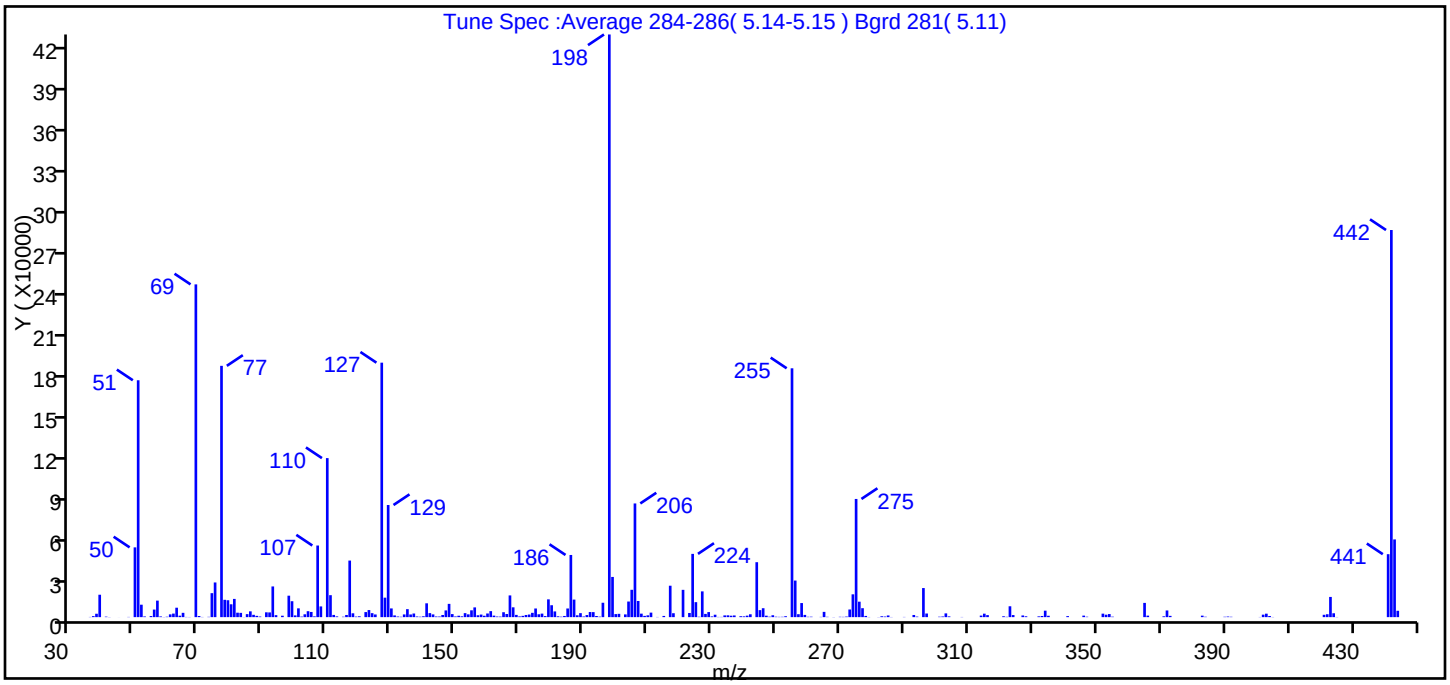
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966070.D
Injection Date: 03-Nov-2015 17:06:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	40.7
68	<2% of mass 69	0.0 (0.0)
69	Present	57.1
70	<2% of mass 69	0.2 (0.3)
127	40-60% of mass 198	43.7
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.9
275	10-30% of mass 198	20.3
365	>1% of mass 198	2.4
441	Present but less than mass 443	10.8 (81.0)
442	>40% of mass 198	66.4
443	17-23% of mass 442	13.3 (20.1)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966070.D\8270LVI_R6.rslt\spectra.d
Injection Date: 03-Nov-2015 17:06:30
Spectrum: Tune Spec :Average 284-286(5.14-5.15) Bgrd 281(5.11)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	144	119.00	389	189.00	2911	272.00	411
37.00	739	120.00	618	190.00	457	273.00	5566
38.00	2468	122.00	3682	191.00	1524	274.00	16600
39.00	16306	123.00	5153	192.00	3721	275.00	85992
41.00	372	124.00	2902	193.00	3657	276.00	11252
42.00	102	125.00	1952	194.00	829	277.00	6511
45.00	27	127.00	185152	195.00	351	278.00	882
48.00	155	128.00	14170	196.00	10471	279.00	116
50.00	50760	129.00	81584	198.00	423936	282.00	100
51.00	172352	130.00	6349	199.00	29248	283.00	640
52.00	9053	131.00	1261	200.00	2224	284.00	432
53.00	504	132.00	461	201.00	2411	285.00	1220
55.00	804	133.00	266	203.00	2001	286.00	117
56.00	5512	134.00	1975	204.00	11364	290.00	148
57.00	12022	135.00	5813	205.00	19896	293.00	1571
58.00	522	136.00	1947	206.00	82720	294.00	391
59.00	102	137.00	2642	207.00	11756	296.00	21160
60.00	303	138.00	465	208.00	2543	297.00	2640
61.00	2024	139.00	300	209.00	922	301.00	319
62.00	2587	140.00	629	210.00	1318	302.00	473
63.00	6861	141.00	10063	211.00	3288	303.00	2737
64.00	1061	142.00	2933	213.00	134	304.00	550
65.00	3137	143.00	1996	215.00	876	308.00	132
66.00	146	144.00	462	217.00	22864	314.00	1138
67.00	116	145.00	449	218.00	2855	315.00	2523
69.00	242112	146.00	1567	221.00	19864	316.00	1470
70.00	821	147.00	4894	223.00	3025	321.00	634
71.00	132	148.00	9658	224.00	46032	322.00	240
73.00	224	149.00	2219	225.00	10900	323.00	7912
74.00	17448	150.00	487	226.00	289	324.00	1512
75.00	25232	151.00	1020	227.00	18744	327.00	1221
77.00	182848	152.00	599	228.00	2349	328.00	616
78.00	12611	153.00	2916	229.00	3677	332.00	570

Report Date: 03-Nov-2015 21:55:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966070.D\8270LVI_R6.rslt\spectra.d
Injection Date: 03-Nov-2015 17:06:30
Spectrum: Tune Spec :Average 284-286(5.14-5.15) Bgrd 281(5.11)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	12301	154.00	2018	230.00	516	333.00	838
80.00	9354	155.00	4974	231.00	1761	334.00	4701
81.00	13265	156.00	7092	232.00	154	335.00	996
82.00	3232	157.00	1373	233.00	171	341.00	751
83.00	3113	158.00	1874	234.00	1270	346.00	1109
84.00	90	159.00	1008	235.00	1313	347.00	314
85.00	2187	160.00	2662	236.00	1044	352.00	2539
86.00	4217	161.00	4365	237.00	1229	353.00	1786
87.00	1695	162.00	1101	239.00	676	354.00	2246
88.00	942	163.00	446	240.00	563	355.00	343
89.00	433	164.00	387	241.00	1081	365.00	10366
91.00	3514	165.00	3579	242.00	2086	366.00	1094
92.00	3431	166.00	2290	244.00	39976	371.00	599
93.00	22336	167.00	15808	245.00	5102	372.00	4858
94.00	1442	168.00	7148	246.00	6493	373.00	934
96.00	1035	169.00	1637	247.00	1054	383.00	1082
98.00	15612	170.00	537	248.00	333	384.00	285
99.00	11586	171.00	950	249.00	1378	390.00	270
100.00	1270	172.00	1577	250.00	314	391.00	441
101.00	6406	173.00	1896	251.00	211	392.00	269
102.00	384	174.00	3139	252.00	254	401.00	126
103.00	2072	175.00	6300	253.00	673	402.00	1811
104.00	4324	176.00	2086	255.00	181056	403.00	2527
105.00	3772	177.00	2571	256.00	26616	404.00	832
106.00	554	178.00	765	257.00	2138	405.00	118
107.00	52112	179.00	12946	258.00	10246	421.00	1712
108.00	7805	180.00	8670	259.00	1632	422.00	2111
110.00	115712	181.00	4160	260.00	262	423.00	14705
111.00	15974	182.00	613	261.00	321	424.00	2822
112.00	1612	183.00	325	264.00	178	425.00	122
113.00	544	184.00	855	265.00	3835	441.00	45808
115.00	301	185.00	6299	266.00	242	442.00	281664
116.00	1576	186.00	45232	268.00	100	443.00	56552
117.00	41160	187.00	12771	270.00	253	444.00	4630

Report Date: 03-Nov-2015 21:55:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966070.D\8270LVI_R6.rslt\spectra.d
Injection Date: 03-Nov-2015 17:06:30
Spectrum: Tune Spec :Average 284-286(5.14-5.15) Bgrd 281(5.11)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	2802	188.00	1355	271.00	201		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966314.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 08-Nov-2015 08:20:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: DFTPP
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:43:39 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: nimerd Date: 08-Nov-2015 08:31:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.431	4.431	0.000	90	602007	NR	NR	
43 Benzidine_T	184	6.093	6.093	0.000	98	3486697	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.304	6.304	0.000	90	7731		NR	
126 4,4'-DDD	235	6.699	6.699	0.000	95	65518		NR	
127 4,4'-DDT	235	7.007	7.007	0.000	95	1884016	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

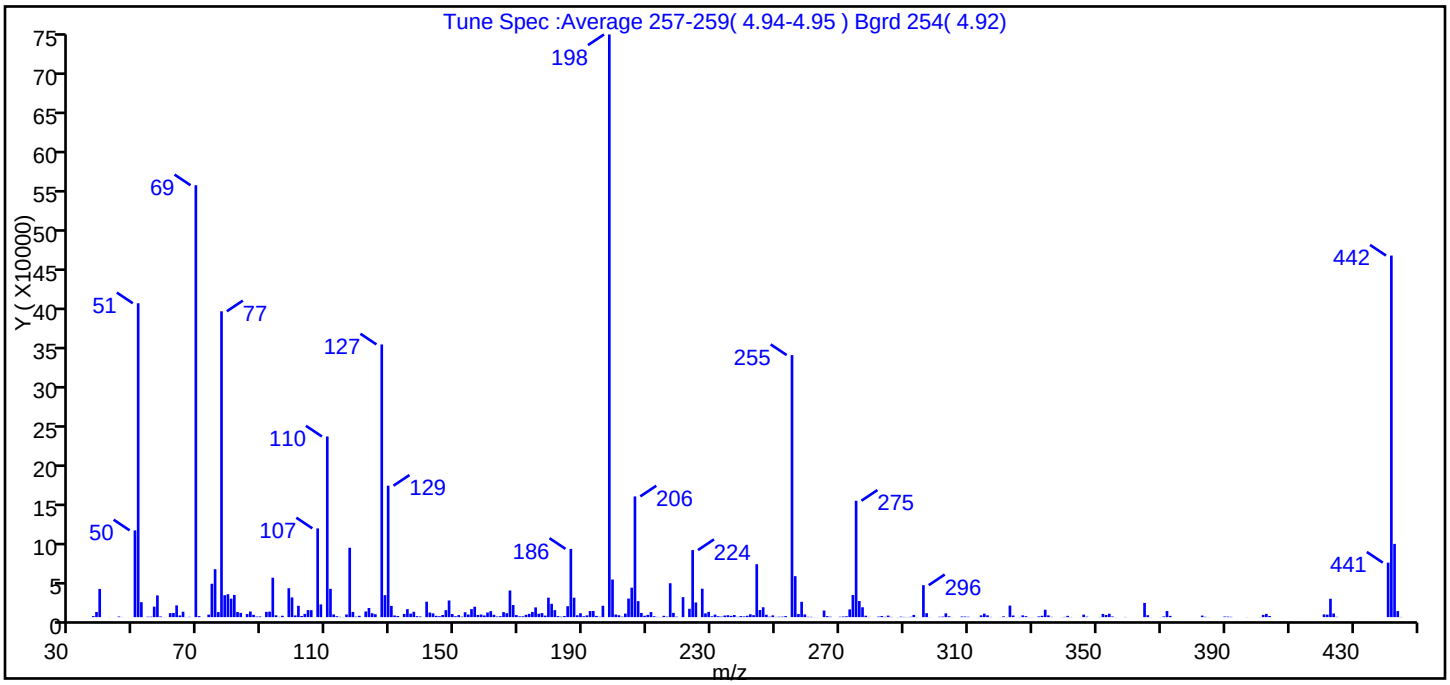
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966314.D
Injection Date: 08-Nov-2015 08:20:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	53.9
68	<2% of mass 69	0.0 (0.0)
69	Present	74.1
70	<2% of mass 69	0.2 (0.2)
127	40-60% of mass 198	46.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.5
275	10-30% of mass 198	20.0
365	>1% of mass 198	2.4
441	Present but less than mass 443	9.4 (74.4)
442	>40% of mass 198	62.1
443	17-23% of mass 442	12.6 (20.3)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966314.D\8270LVI_R6.rslt\spectra.d
Injection Date: 08-Nov-2015 08:20:30
Spectrum: Tune Spec :Average 257-259(4.94-4.95) Bgrd 254(4.92)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1333	131.00	2135	210.00	2930	297.00	5085
38.00	6599	132.00	1423	211.00	6513	298.00	143
39.00	35984	134.00	4127	212.00	1111	301.00	457
42.00	85	135.00	10229	213.00	329	302.00	689
45.00	826	136.00	4483	214.00	212	303.00	4868
46.00	108	137.00	6826	215.00	1710	304.00	1066
48.00	37	138.00	1233	216.00	650	305.00	118
50.00	110728	139.00	849	217.00	43256	308.00	807
51.00	400512	141.00	19680	218.00	5416	309.00	765
52.00	19088	142.00	5909	219.00	623	310.00	497
54.00	589	143.00	4796	221.00	25520	313.00	134
55.00	591	144.00	1677	223.00	10634	314.00	2265
56.00	13373	145.00	1219	224.00	85584	315.00	4479
57.00	27744	146.00	2732	225.00	18728	316.00	2312
58.00	863	147.00	8934	227.00	36304	317.00	339
59.00	117	148.00	21280	228.00	4872	320.00	119
61.00	5101	149.00	3915	229.00	6721	321.00	1027
62.00	5355	150.00	1146	230.00	1054	322.00	125
63.00	15009	151.00	2611	231.00	3211	323.00	14777
64.00	2109	152.00	677	232.00	1137	324.00	2074
65.00	6955	153.00	6270	233.00	680	325.00	109
66.00	145	154.00	3279	234.00	2059	326.00	267
67.00	428	155.00	10232	235.00	2436	327.00	2302
69.00	551104	156.00	13321	236.00	1657	328.00	1254
70.00	1274	157.00	2796	237.00	2749	329.00	125
73.00	3204	158.00	3353	238.00	433	330.00	102
74.00	42608	159.00	2147	239.00	1309	332.00	936
75.00	61160	160.00	5904	240.00	921	333.00	1741
76.00	6434	161.00	7666	241.00	1766	334.00	9442
77.00	390272	162.00	2965	242.00	3646	335.00	2220
78.00	28000	163.00	826	243.00	2523	336.00	357
79.00	29264	164.00	1195	244.00	67520	339.00	113
80.00	23544	165.00	6448	245.00	9103	340.00	314

Report Date: 09-Nov-2015 12:43:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966314.D\8270LVI_R6.rslt\spectra.d
Injection Date: 08-Nov-2015 08:20:30
Spectrum: Tune Spec :Average 257-259(4.94-4.95) Bgrd 254(4.92)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	28336	166.00	5058	246.00	12614	341.00	1651
82.00	6556	167.00	34000	247.00	3089	342.00	253
83.00	5438	168.00	15460	248.00	589	345.00	132
85.00	3963	169.00	2647	249.00	2278	346.00	3159
86.00	7219	170.00	1030	250.00	299	347.00	607
87.00	2954	171.00	1103	251.00	545	351.00	239
88.00	718	172.00	2986	252.00	620	352.00	4089
89.00	894	173.00	4179	253.00	1346	353.00	2774
91.00	6737	174.00	6640	255.00	334400	354.00	4361
92.00	7041	175.00	12405	256.00	52296	355.00	840
93.00	50320	176.00	4394	257.00	3959	356.00	123
94.00	2351	177.00	5173	258.00	19552	359.00	250
95.00	314	178.00	1938	259.00	3481	365.00	18184
96.00	1751	179.00	24848	260.00	453	366.00	2466
98.00	36864	180.00	17056	261.00	407	367.00	146
99.00	25144	181.00	8927	262.00	120	370.00	121
100.00	2176	182.00	1350	263.00	113	371.00	906
101.00	14481	183.00	558	265.00	8463	372.00	7794
102.00	1498	184.00	1402	266.00	1263	373.00	1608
103.00	4147	185.00	13966	267.00	530	383.00	1988
104.00	8973	186.00	87096	270.00	497	384.00	415
105.00	8895	187.00	24768	271.00	833	385.00	118
107.00	113272	188.00	2405	272.00	1093	390.00	766
108.00	16252	189.00	5048	273.00	9886	391.00	694
110.00	230528	190.00	1104	274.00	28256	392.00	427
111.00	36128	191.00	2273	275.00	148544	397.00	133
112.00	3464	192.00	7841	276.00	20608	401.00	141
113.00	1224	193.00	7873	277.00	12609	402.00	2886
114.00	407	194.00	1571	278.00	1819	403.00	4182
115.00	148	195.00	502	279.00	292	404.00	1459
116.00	3393	196.00	14525	282.00	698	421.00	3501
117.00	88544	198.00	743488	283.00	1440	422.00	3206
118.00	6585	199.00	48016	284.00	394	423.00	23488
119.00	598	200.00	3345	285.00	1976	424.00	4648

Report Date: 09-Nov-2015 12:43:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966314.D\8270LVI_R6.rslt\spectra.d
Injection Date: 08-Nov-2015 08:20:30
Spectrum: Tune Spec :Average 257-259(4.94-4.95) Bgrd 254(4.92)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 301

m/z	Y	m/z	Y	m/z	Y	m/z	Y
120.00	1731	201.00	2449	286.00	343	425.00	398
122.00	7265	202.00	655	288.00	115	441.00	69528
123.00	11624	203.00	4530	289.00	620	442.00	461376
124.00	4993	204.00	23712	290.00	316	443.00	93464
125.00	3750	205.00	37600	291.00	196	444.00	7736
127.00	347968	206.00	154048	292.00	461	445.00	232
128.00	28040	207.00	20432	293.00	2803		
129.00	167744	208.00	5394	294.00	240		
130.00	14324	209.00	1743	296.00	40800		

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D
Lims ID: dftpp
Client ID:
Sample Type: DFTPP
Inject. Date: 11-Nov-2015 16:39:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034125-001
Misc. Info.: dftpp
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 12-Nov-2015 11:42:03 Calib Date: 11-Nov-2015 19:26:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966468.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK002

First Level Reviewer: croccom Date: 11-Nov-2015 16:52:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	4.408	4.408	0.000	86	364942	NR	NR	
43 Benzidine_T	184	6.068	6.068	0.000	98	1711801	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	6.275	6.275	0.000	18	2290		NR	
126 4,4'-DDD	235	6.645	6.645	0.000	62	25201		NR	
127 4,4'-DDT	235	6.980	6.980	0.000	95	831586	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

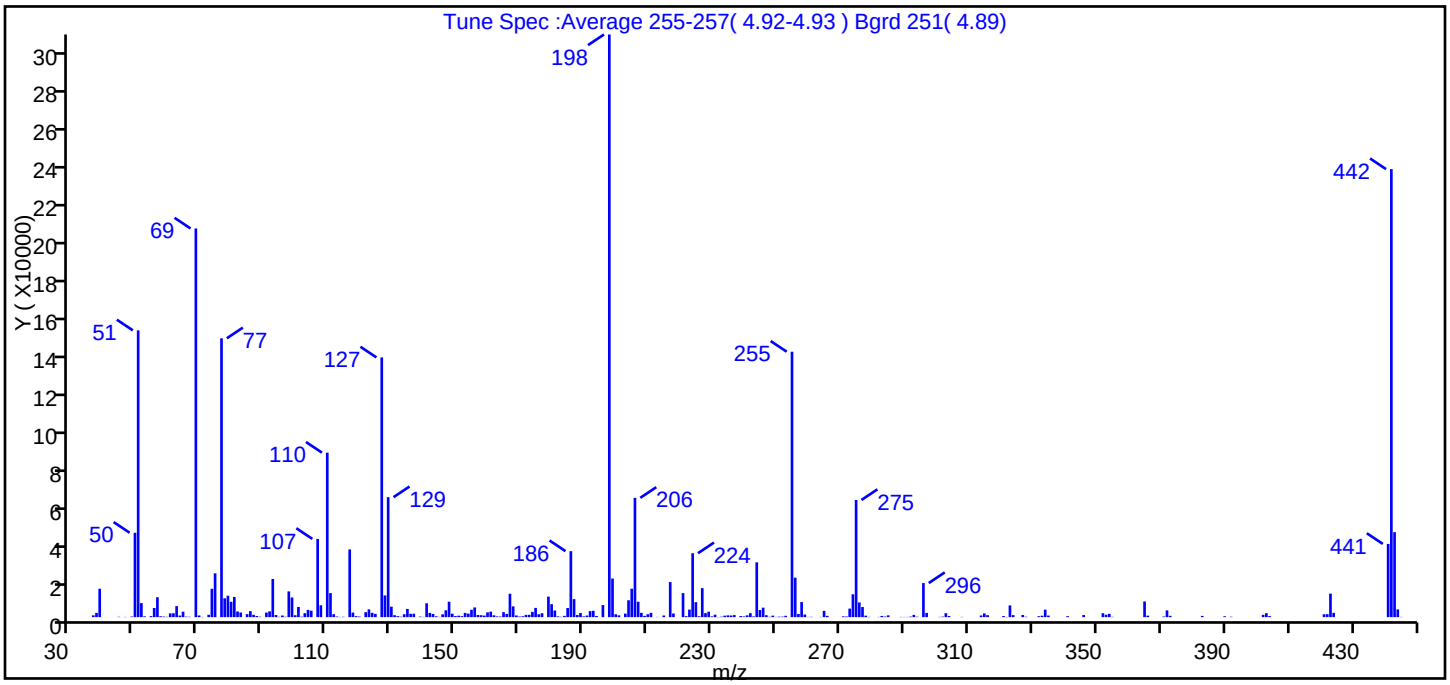
SMDFTP_CH_00011 Amount Added: 1.00 Units: mL

MS Tune Report

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D
Injection Date: 11-Nov-2015 16:39:30 Instrument ID: CBNAMS6
Lims ID: dftpp
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Tune Method: DFTPP Method 8270

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	49.2
68	<2% of mass 69	0.0 (0.0)
69	Present	66.7
70	<2% of mass 69	0.3 (0.4)
127	40-60% of mass 198	44.6
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.6
275	10-30% of mass 198	20.1
365	>1% of mass 198	2.7
441	Present but less than mass 443	12.6 (86.1)
442	>40% of mass 198	76.9
443	17-23% of mass 442	14.6 (19.0)

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D\8270LVI_R6.rslt\spectra.d
Injection Date: 11-Nov-2015 16:39:30
Spectrum: Tune Spec :Average 255-257(4.92-4.93) Bgrd 251(4.89)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	924	118.00	2357	188.00	1095	266.00	662
38.00	2202	119.00	540	189.00	2151	271.00	414
39.00	14646	120.00	313	190.00	374	272.00	334
41.00	29	122.00	2544	191.00	817	273.00	4398
45.00	185	123.00	4004	192.00	3117	274.00	11772
47.00	125	124.00	2227	193.00	3263	275.00	60360
49.00	306	125.00	1681	194.00	602	276.00	7570
50.00	43488	127.00	133824	196.00	6213	277.00	5199
51.00	147776	128.00	11179	198.00	300224	278.00	765
52.00	7227	129.00	61808	199.00	19880	279.00	133
53.00	401	130.00	5394	200.00	1490	282.00	122
55.00	531	131.00	1003	201.00	924	283.00	606
56.00	4712	132.00	516	203.00	1826	284.00	297
57.00	10262	133.00	228	204.00	8695	285.00	919
58.00	457	134.00	1505	205.00	14657	289.00	131
59.00	281	135.00	4230	206.00	61472	290.00	109
60.00	179	136.00	1721	207.00	7918	291.00	111
61.00	1952	137.00	1776	208.00	2225	292.00	281
62.00	2011	139.00	273	209.00	651	293.00	1161
63.00	5685	140.00	120	210.00	1488	294.00	223
64.00	824	141.00	7138	211.00	2224	296.00	17560
65.00	2813	142.00	2196	213.00	116	297.00	2177
66.00	248	143.00	1625	215.00	851	301.00	136
67.00	188	144.00	434	217.00	18072	302.00	268
69.00	200256	145.00	135	218.00	1892	303.00	2027
70.00	857	146.00	1443	221.00	12391	304.00	572
71.00	106	147.00	3525	222.00	518	308.00	130
73.00	1201	148.00	7939	223.00	3896	314.00	858
74.00	14611	149.00	1777	224.00	32944	315.00	1935
75.00	22584	150.00	554	225.00	7710	316.00	1040
77.00	143680	151.00	756	226.00	464	321.00	551
78.00	9704	152.00	515	227.00	14945	322.00	100
79.00	11038	153.00	2182	228.00	2078	323.00	6052

Report Date: 12-Nov-2015 11:42:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48
Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151111-34125.b\M966460.D\8270LVI_R6.rslt\spectra.d
Injection Date: 11-Nov-2015 16:39:30
Spectrum: Tune Spec :Average 255-257(4.92-4.93) Bgrd 251(4.89)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 264

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	7913	154.00	1814	229.00	2803	324.00	1048
81.00	10405	155.00	3797	230.00	387	327.00	1087
82.00	2901	156.00	5014	231.00	1258	328.00	211
83.00	2361	157.00	1145	232.00	102	332.00	482
85.00	1547	158.00	1008	233.00	251	333.00	730
86.00	3087	159.00	801	234.00	758	334.00	3851
87.00	1206	160.00	2474	235.00	916	335.00	815
88.00	576	161.00	2835	236.00	847	341.00	501
89.00	225	162.00	947	237.00	1060	346.00	1097
91.00	2367	163.00	368	239.00	564	352.00	1998
92.00	2997	164.00	308	240.00	364	353.00	1260
93.00	19656	165.00	2577	241.00	931	354.00	1680
94.00	1085	166.00	1681	242.00	2054	355.00	146
95.00	165	167.00	12049	243.00	384	365.00	8086
96.00	845	168.00	5549	244.00	28240	366.00	762
97.00	195	169.00	866	245.00	3666	371.00	311
98.00	13265	170.00	334	246.00	4888	372.00	3477
99.00	10126	171.00	456	247.00	989	373.00	694
100.00	983	172.00	1178	248.00	176	383.00	641
101.00	5244	173.00	1211	249.00	786	390.00	465
102.00	249	174.00	2712	250.00	126	392.00	223
103.00	2038	175.00	4764	251.00	247	402.00	1177
104.00	3741	176.00	1488	252.00	258	403.00	2056
105.00	3324	177.00	2027	253.00	708	404.00	550
107.00	40312	179.00	10572	255.00	136768	421.00	1498
108.00	6116	180.00	6692	256.00	20360	422.00	1525
110.00	84760	181.00	3405	257.00	1617	423.00	12101
111.00	12398	182.00	396	258.00	7745	424.00	2213
112.00	1513	183.00	162	259.00	1342	441.00	37728
113.00	312	184.00	653	260.00	118	442.00	230848
114.00	105	185.00	4715	261.00	164	443.00	43800
115.00	189	186.00	34000	264.00	126	444.00	3983
117.00	34912	187.00	9280	265.00	3249	445.00	127

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333717/1-A

Matrix: Water | Lab File ID: M966318.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 10:44

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.41	U	10	0.41
95-57-8	2-Chlorophenol	0.74	U	10	0.74
95-48-7	2-Methylphenol	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.87	U	10	0.87
100-52-7	Benzaldehyde	0.86	U	10	0.86
98-86-2	Acetophenone	1.0	U	10	1.0
111-44-4	Bis(2-chloroethyl)ether	0.12	U	1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	0.93	U	10	0.93
621-64-7	N-Nitrosodi-n-propylamine	0.83	U	1.0	0.83
98-95-3	Nitrobenzene	0.49	U	1.0	0.49
67-72-1	Hexachloroethane	0.090	U	1.0	0.090
78-59-1	Isophorone	0.67	U	10	0.67
88-75-5	2-Nitrophenol	0.59	U	10	0.59
105-67-9	2,4-Dimethylphenol	0.91	U	10	0.91
120-83-2	2,4-Dichlorophenol	0.63	U	10	0.63
111-91-1	Bis(2-chloroethoxy)methane	0.69	U	10	0.69
91-20-3	Naphthalene	0.80	U	10	0.80
106-47-8	4-Chloroaniline	0.73	U	10	0.73
87-68-3	Hexachlorobutadiene	0.76	U	1.0	0.76
105-60-2	Caprolactam	1.1	U	10	1.1
59-50-7	4-Chloro-3-methylphenol	0.76	U	10	0.76
91-57-6	2-Methylnaphthalene	0.88	U	10	0.88
118-74-1	Hexachlorobenzene	0.47	U	1.0	0.47
77-47-4	Hexachlorocyclopentadiene	0.61	U	10	0.61
88-06-2	2,4,6-Trichlorophenol	0.53	U	10	0.53
95-95-4	2,4,5-Trichlorophenol	0.49	U	10	0.49
92-52-4	Diphenyl	0.63	U	10	0.63
91-58-7	2-Chloronaphthalene	0.61	U	10	0.61
88-74-4	2-Nitroaniline	0.65	U	10	0.65
606-20-2	2,6-Dinitrotoluene	0.88	U	2.0	0.88
131-11-3	Dimethyl phthalate	0.98	U	10	0.98
208-96-8	Acenaphthylene	0.65	U	10	0.65
99-09-2	3-Nitroaniline	0.82	U	10	0.82
83-32-9	Acenaphthene	0.88	U	10	0.88

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333717/1-A

Matrix: Water | Lab File ID: M966318.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 10:44

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4.7	U	20	4.7
51-28-5	2,4-Dinitrophenol	2.4	U	20	2.4
132-64-9	Dibenzofuran	0.85	U	10	0.85
84-66-2	Diethyl phthalate	1.0	U	10	1.0
86-73-7	Fluorene	0.80	U	10	0.80
206-44-0	Fluoranthene	0.72	U	10	0.72
84-74-2	Di-n-butyl phthalate	0.82	U	10	0.82
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	0.96	U	10	0.96
100-01-6	4-Nitroaniline	0.48	U	10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	2.0	U	20	2.0
101-55-3	4-Bromophenyl phenyl ether	1.0	U	10	1.0
1912-24-9	Atrazine	0.77	U	2.0	0.77
120-12-7	Anthracene	0.57	U	10	0.57
86-74-8	Carbazole	0.85	U	10	0.85
85-01-8	Phenanthrene	0.65	U	10	0.65
87-86-5	Pentachlorophenol	2.2	U	20	2.2
129-00-0	Pyrene	0.83	U	10	0.83
218-01-9	Chrysene	0.67	U	2.0	0.67
207-08-9	Benzo[k]fluoranthene	0.18	U	1.0	0.18
191-24-2	Benzo[g,h,i]perylene	0.75	U	10	0.75
205-99-2	Benzo[b]fluoranthene	0.44	U	1.0	0.44
50-32-8	Benzo[a]pyrene	0.16	U	1.0	0.16
56-55-3	Benzo[a]anthracene	0.55	U	1.0	0.55
86-30-6	N-Nitrosodiphenylamine	0.74	U	10	0.74
85-68-7	Butyl benzyl phthalate	0.60	U	10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	1.05	J	2.0	0.72
117-84-0	Di-n-octyl phthalate	0.69	U	10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	0.21	U	1.0	0.21
53-70-3	Dibenz(a,h)anthracene	0.090	U	1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	1.0	U	10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	0.43	U	10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	0.69	U	10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333717/1-A

Matrix: Water | Lab File ID: M966318.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 10:44

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.: 333958 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	103		62-120
4165-62-2	Phenol-d5	35		10-53
1718-51-0	Terphenyl-d14	92		57-125
118-79-6	2,4,6-Tribromophenol	81		43-126
367-12-4	2-Fluorophenol	47		13-77
321-60-8	2-Fluorobiphenyl	65		63-113

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333717/1-A

Matrix: Water | Lab File ID: M966318.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 10:44

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.: 333958 | Units: ug/L

Number TICs Found: 1 | TIC Result Total: 37.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown	8.02	37.4	J

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966318.D
Lims ID: MB 460-333717/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2015 10:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-005
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 11:26:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.029	3.028	0.001	90	1390814	10.0	4.66	
$ 6 Phenol-d5	99	3.947	3.969	-0.022	87	1329154	10.0	3.46	
10 Benzonitrile	103	4.030	4.044	-0.014	20	2641		NC	
* 14 1,4-Dichlorobenzene-d4	152	4.276	4.281	-0.005	96	1626549	8.00	8.00	
23 N-Methylaniline	106	4.686	4.692	-0.006	36	2862		NC	
$ 28 Nitrobenzene-d5	82	4.834	4.848	-0.014	93	3193769	10.0	10.3	
* 38 Naphthalene-d8	136	5.565	5.570	-0.005	96	4749025	8.00	8.00	
$ 52 2-Fluorobiphenyl	172	6.651	6.665	-0.014	94	4018672	10.0	6.54	
* 64 Acenaphthene-d10	164	7.318	7.322	-0.004	93	3125332	8.00	8.00	
68 2-Naphthylamine	143	7.700	7.635	0.065	80	5616		NC	
$ 80 2,4,6-Tribromophenol	330	8.109	8.118	-0.009	95	955925	10.0	8.06	
* 87 Phenanthrene-d10	188	8.789	8.790	-0.001	99	4614059	8.00	8.00	
$ 96 Terphenyl-d14	244	10.357	10.361	-0.004	98	3888940	10.0	9.24	
* 102 Chrysene-d12	240	11.534	11.531	0.003	99	3088920	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.562	11.564	-0.002	88	41252		0.1313	
* 109 Perylene-d12	264	13.434	13.437	-0.003	99	2762707	8.00	8.00	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966318.D
Lims ID: MB 460-333717/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2015 10:44:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-005
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\ChromNA\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 11:26:27

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	Unknown							
8.021	8000434	4.67	64	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 64 Acenaphthene-d10	7.318	13694346	8.00

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

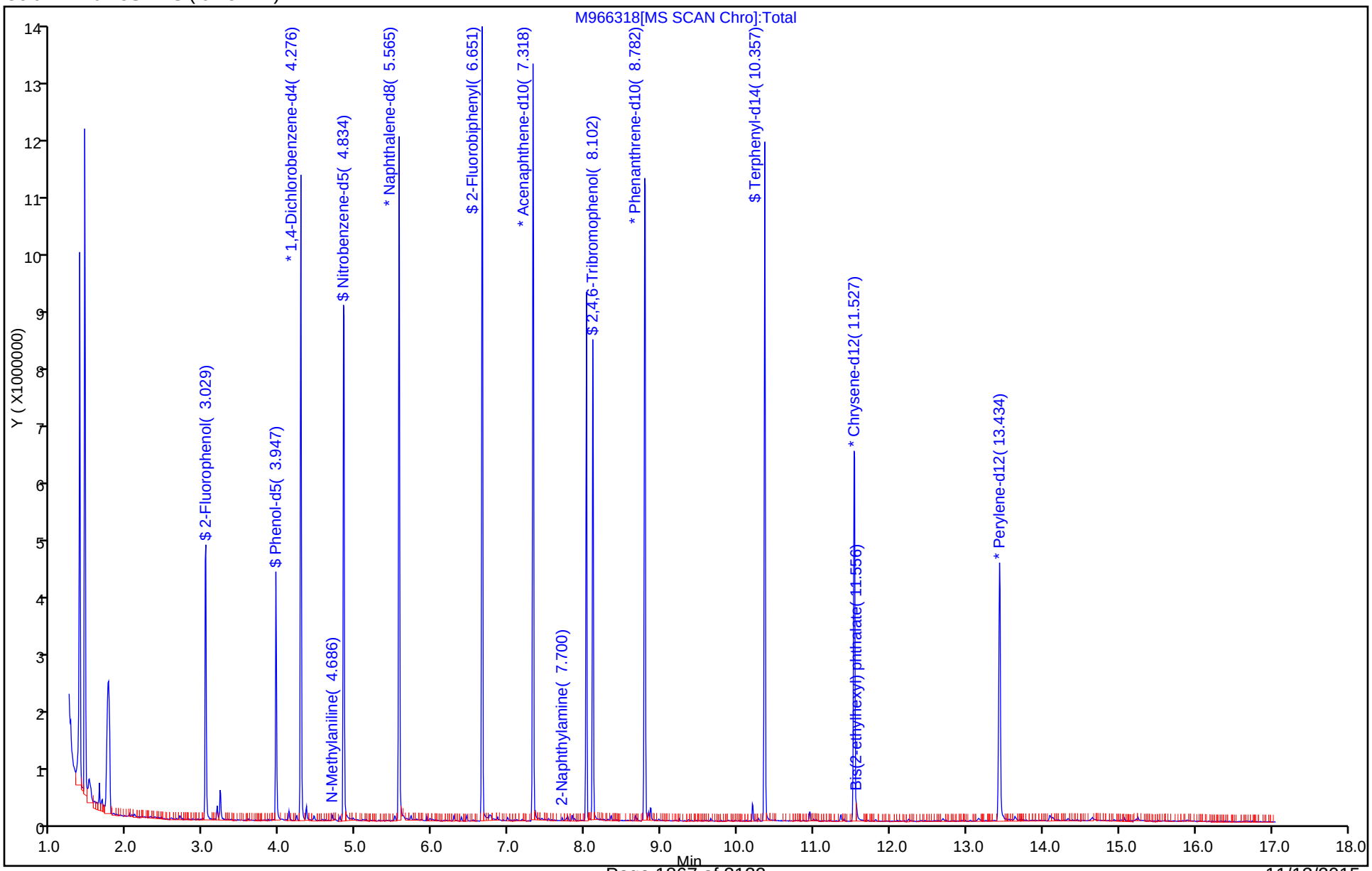
Report Date: 09-Nov-2015 12:44:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966318.D

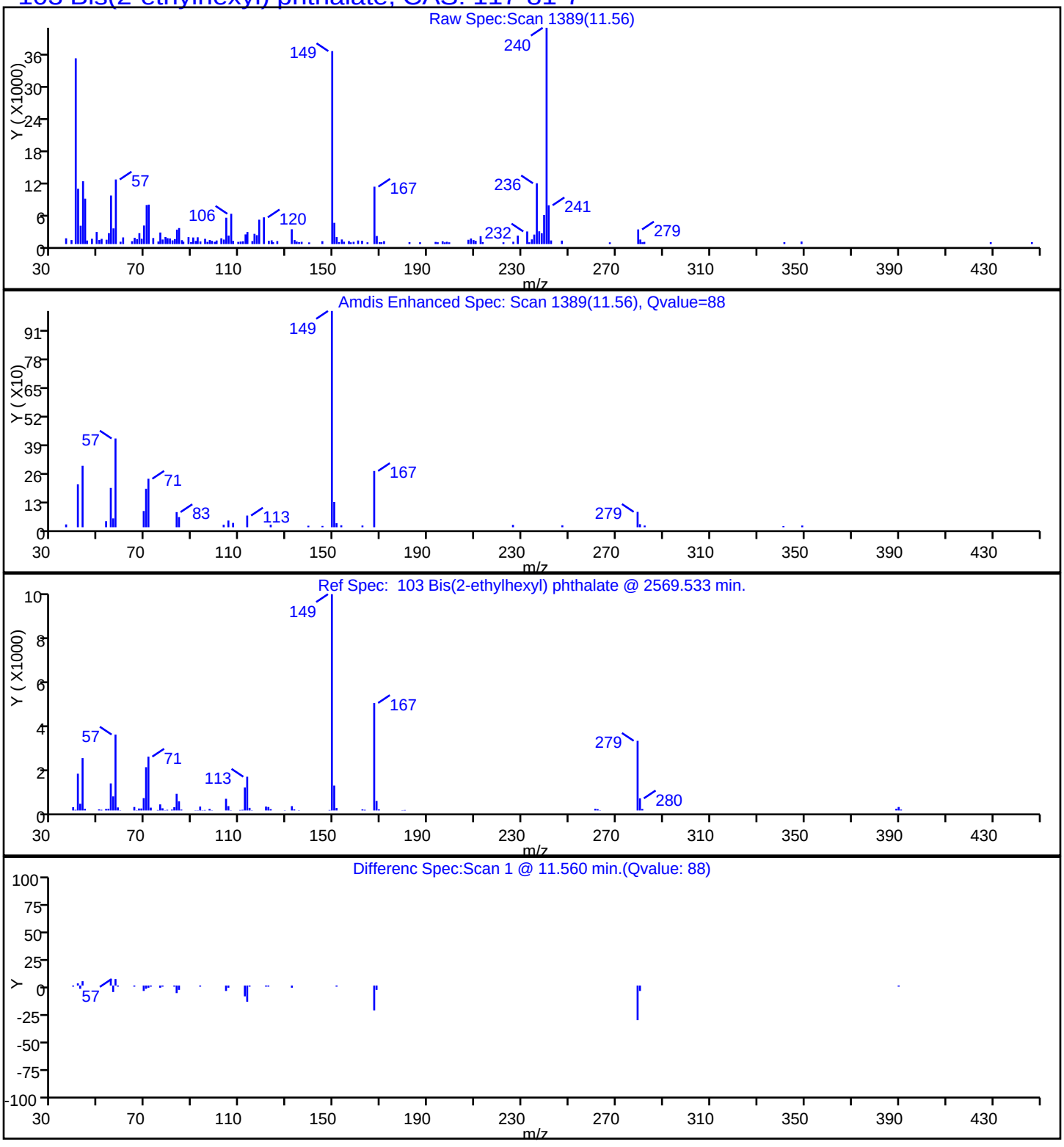
Injection Date:	08-Nov-2015 10:44:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	MB 460-333717/1-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966318.D
Injection Date: 08-Nov-2015 10:44:30 Instrument ID: CBNAMS6
Lims ID: MB 460-333717/1-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

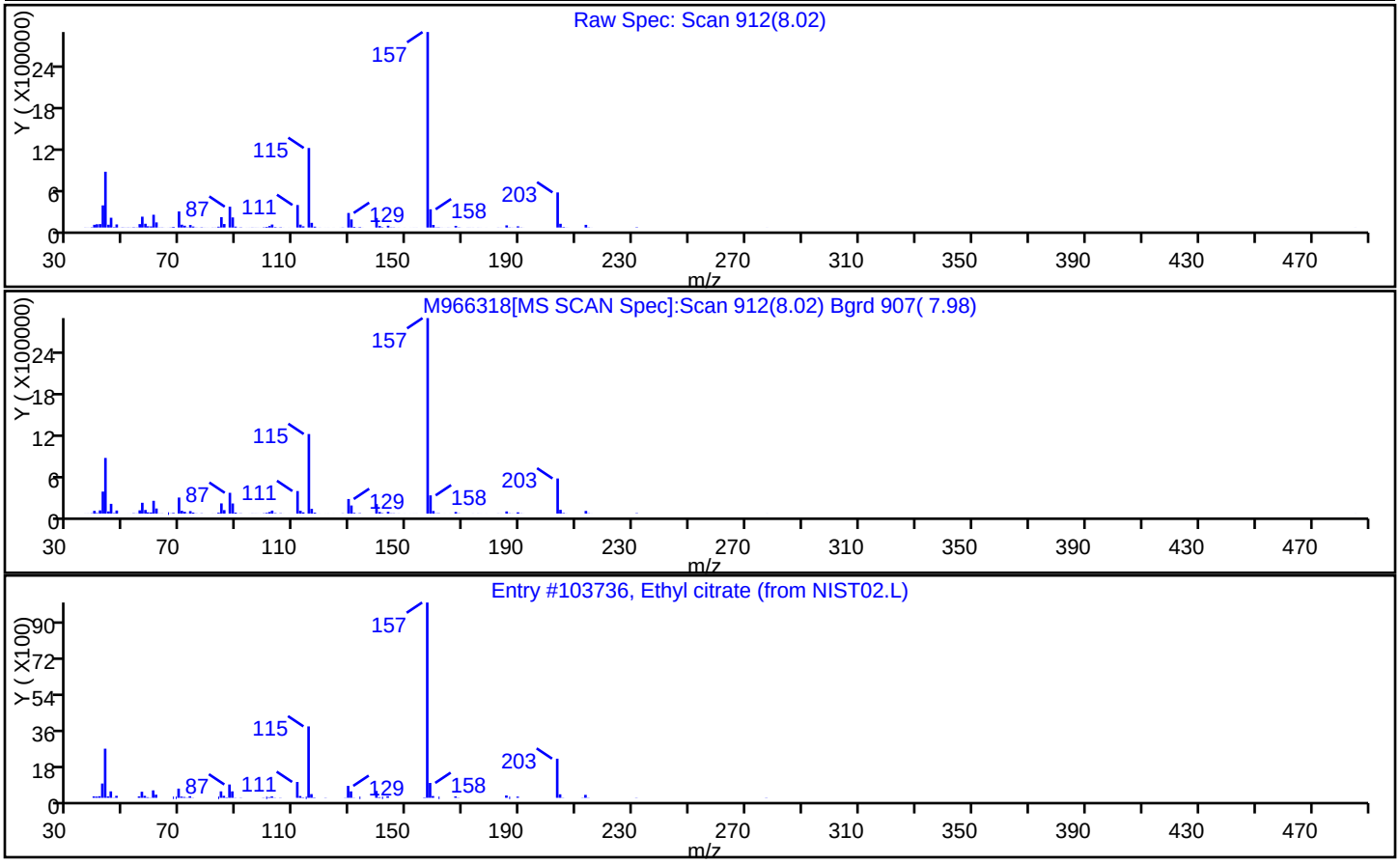
103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966318.D
Injection Date: 08-Nov-2015 10:44:30 Instrument ID: CBNAMS6
Lims ID: MB 460-333717/1-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_R6 Limit Group: SV 8270D ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Ethyl citrate	77-93-0	NIST02.L	103736	C12H20O7	276	91



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334135/1-A

Matrix: Solid | Lab File ID: L127848.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 05:41

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	11	U	330	11
95-57-8	2-Chlorophenol	8.4	U	330	8.4
95-48-7	2-Methylphenol	14	U	330	14
106-44-5	4-Methylphenol	9.0	U	330	9.0
100-52-7	Benzaldehyde	25	U	330	25
98-86-2	Acetophenone	7.2	U	330	7.2
111-44-4	Bis(2-chloroethyl)ether	7.8	U	33	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	14	U	330	14
621-64-7	N-Nitrosodi-n-propylamine	11	U	33	11
98-95-3	Nitrobenzene	10	U	33	10
67-72-1	Hexachloroethane	12	U	33	12
78-59-1	Isophorone	7.1	U	130	7.1
88-75-5	2-Nitrophenol	11	U	330	11
105-67-9	2,4-Dimethylphenol	73	U	330	73
120-83-2	2,4-Dichlorophenol	7.8	U	130	7.8
111-91-1	Bis(2-chloroethoxy)methane	10	U	330	10
91-20-3	Naphthalene	8.4	U	330	8.4
106-47-8	4-Chloroaniline	8.5	U	330	8.5
87-68-3	Hexachlorobutadiene	9.3	U	67	9.3
105-60-2	Caprolactam	24	U	330	24
59-50-7	4-Chloro-3-methylphenol	14	U	330	14
91-57-6	2-Methylnaphthalene	7.3	U	330	7.3
118-74-1	Hexachlorobenzene	13	U	33	13
77-47-4	Hexachlorocyclopentadiene	21	U	330	21
88-06-2	2,4,6-Trichlorophenol	9.4	U	130	9.4
95-95-4	2,4,5-Trichlorophenol	33	U	330	33
92-52-4	Diphenyl	28	U	330	28
91-58-7	2-Chloronaphthalene	7.5	U	330	7.5
88-74-4	2-Nitroaniline	11	U	330	11
606-20-2	2,6-Dinitrotoluene	18	U	67	18
131-11-3	Dimethyl phthalate	9.6	U	330	9.6
208-96-8	Acenaphthylene	8.5	U	330	8.5
99-09-2	3-Nitroaniline	9.8	U	330	9.8
83-32-9	Acenaphthene	8.0	U	330	8.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334135/1-A

Matrix: Solid | Lab File ID: L127848.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 05:41

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	160	U	670	160
51-28-5	2,4-Dinitrophenol	250	U	270	250
132-64-9	Dibenzofuran	10	U	330	10
84-66-2	Diethyl phthalate	9.4	U	330	9.4
86-73-7	Fluorene	7.2	U	330	7.2
206-44-0	Fluoranthene	9.8	U	330	9.8
84-74-2	Di-n-butyl phthalate	9.9	U	330	9.9
121-14-2	2,4-Dinitrotoluene	13	U	67	13
7005-72-3	4-Chlorophenyl phenyl ether	9.9	U	330	9.9
100-01-6	4-Nitroaniline	13	U	330	13
534-52-1	4,6-Dinitro-2-methylphenol	88	U	270	88
101-55-3	4-Bromophenyl phenyl ether	10	U	330	10
1912-24-9	Atrazine	15	U	130	15
120-12-7	Anthracene	31	U	330	31
86-74-8	Carbazole	8.2	U	330	8.2
85-01-8	Phenanthrene	8.8	U	330	8.8
87-86-5	Pentachlorophenol	40	U	270	40
129-00-0	Pyrene	15	U	330	15
218-01-9	Chrysene	9.0	U	330	9.0
207-08-9	Benzo[k]fluoranthene	14	U	33	14
191-24-2	Benzo[g,h,i]perylene	19	U	330	19
205-99-2	Benzo[b]fluoranthene	13	U	33	13
50-32-8	Benzo[a]pyrene	10	U	33	10
56-55-3	Benzo[a]anthracene	28	U	33	28
86-30-6	N-Nitrosodiphenylamine	30	U	330	30
85-68-7	Butyl benzyl phthalate	10	U	330	10
117-81-7	Bis(2-ethylhexyl) phthalate	13	U	330	13
117-84-0	Di-n-octyl phthalate	17	U	330	17
193-39-5	Indeno[1,2,3-cd]pyrene	22	U	33	22
53-70-3	Dibenz(a,h)anthracene	17	U	33	17
91-94-1	3,3'-Dichlorobenzidine	37	U	130	37
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U	330	25
58-90-2	2,3,4,6-Tetrachlorophenol	31	U	330	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334135/1-A

Matrix: Solid | Lab File ID: L127848.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 05:41

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.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	74		28-92
4165-62-2	Phenol-d5	78		22-88
1718-51-0	Terphenyl-d14	102		16-114
118-79-6	2,4,6-Tribromophenol	59		10-95
367-12-4	2-Fluorophenol	77		21-84
321-60-8	2-Fluorobiphenyl	65		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334135/1-A

Matrix: Solid | Lab File ID: L127848.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 05:41

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.: 334254 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 2340

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Aldol condensation product	2.73	2340	J A

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127848.D
Lims ID: MB 460-334135/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 05:41:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-008
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:53 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:29:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.046	3.035	0.011	96	167102	50.0	38.7	
$ 6 Phenol-d5	99	3.970	3.982	-0.012	86	198013	50.0	38.8	
* 13 1,4-Dichlorobenzene-d4	152	4.317	4.317	0.000	96	143480	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	90	179069	50.0	36.8	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	533270	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	6.699	6.705	-0.006	98	342839	50.0	32.6	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	93	259213	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	95	44228	50.0	29.7	
* 85 Phenanthrene-d10	188	8.828	8.828	0.000	99	361051	40.0	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	249863	50.0	50.8	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	213544	40.0	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	98	167337	40.0	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison
Tentatively Identified Quantitation Report

Data File:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127848.D				
Lims ID:	MB 460-334135/1-A				
Client ID:					
Sample Type:	MB				
Inject. Date:	10-Nov-2015 05:41:30	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0034029-008				
Operator ID:	BNA 12	Instrument ID:	CBNAMS12		
Method:	\\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m				
Limit Group:	SV 8270D ICAL				
Last Update:	11-Nov-2015 11:27:53	Calib Date:	19-Oct-2015 20:41:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\ChromNA\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	XAWRK003				
First Level Reviewer: szczecha		Date:	11-Nov-2015 11:29:43		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.729	762768	35.0	13	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 13 1,4-Dichlorobenzene-d4	4.317	871009	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

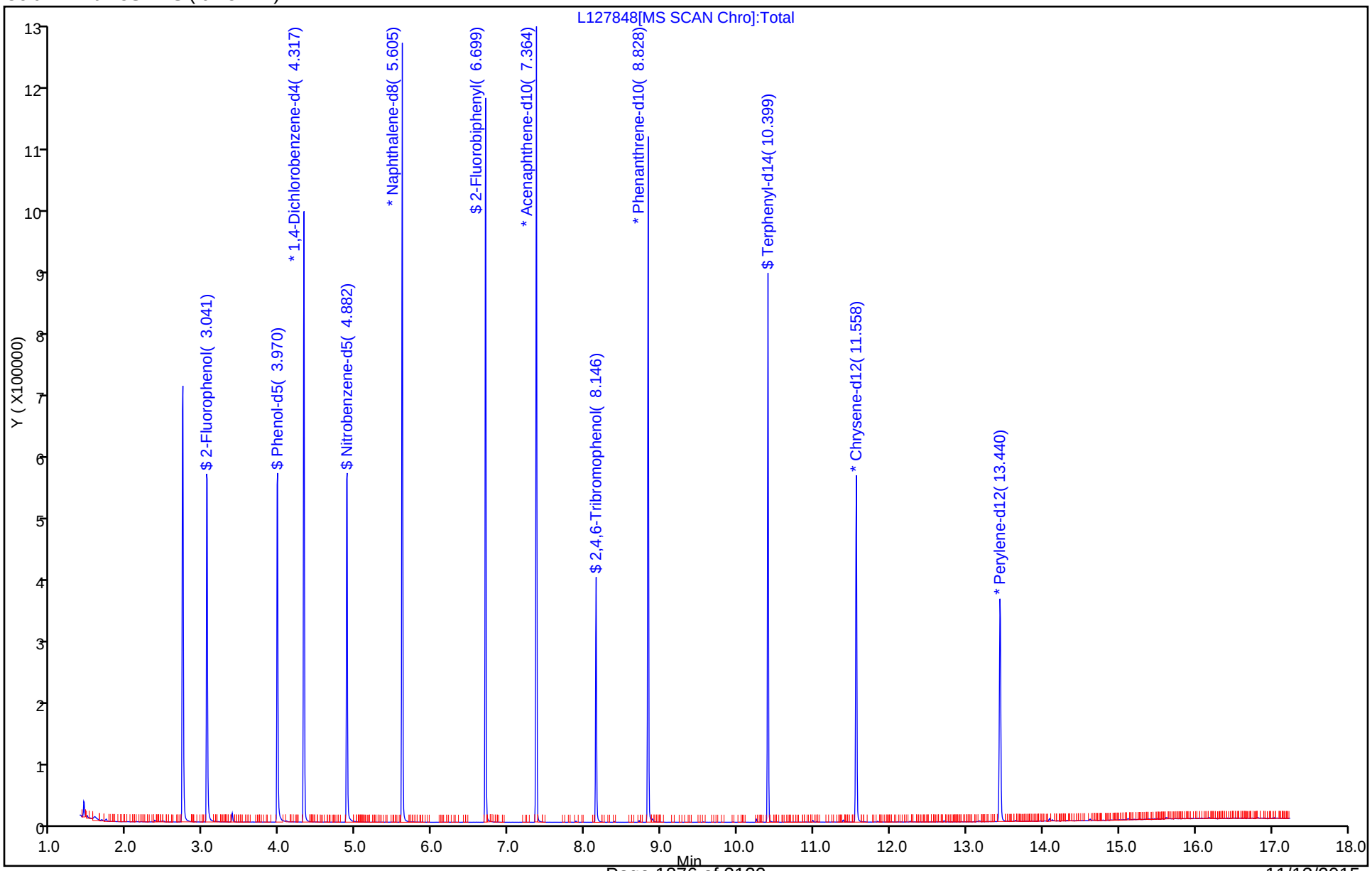
Report Date: 11-Nov-2015 11:29:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127848.D

Injection Date:	10-Nov-2015 05:41:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	MB 460-334135/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Report Date: 11-Nov-2015 11:29:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127848.D

Injection Date: 10-Nov-2015 05:41:30 Instrument ID: CBNAMS12

Lims ID: MB 460-334135/1-A

Client ID:

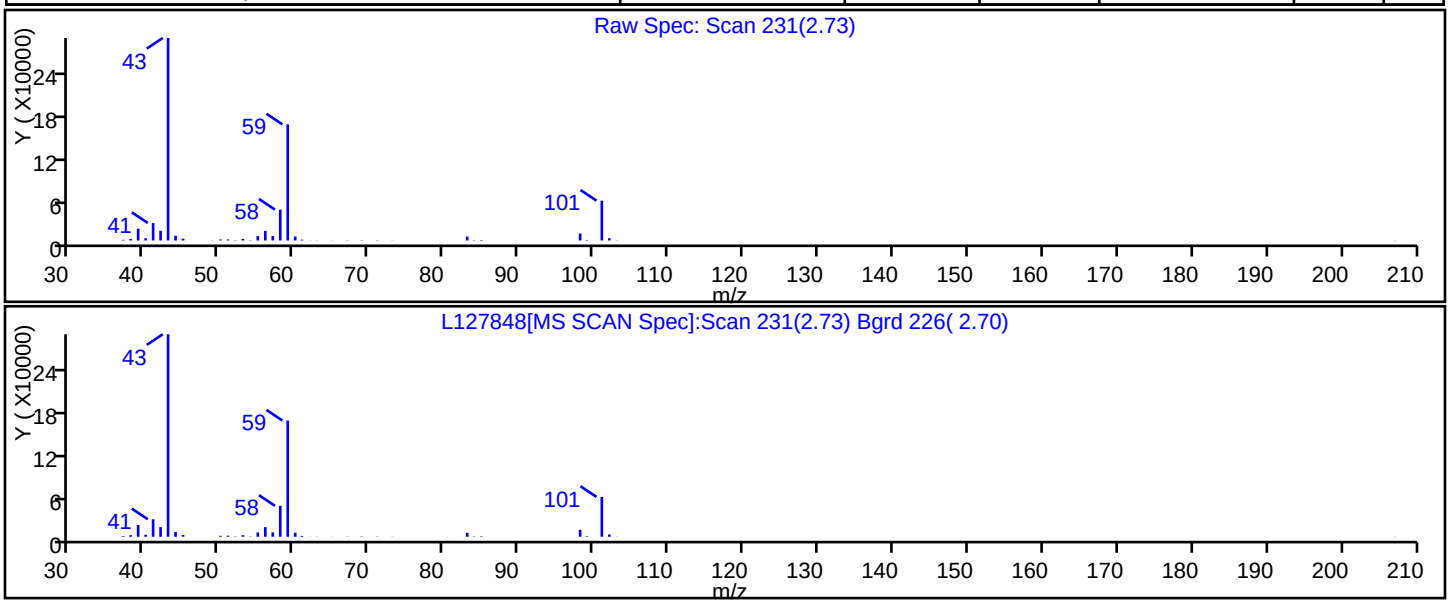
Operator ID: BNA 12 ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_12R_9 Limit Group: SV 8270D ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333717/2-A

Matrix: Water | Lab File ID: M966319.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:05

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	27.4		10	0.41
95-57-8	2-Chlorophenol	56.4		10	0.74
95-48-7	2-Methylphenol	53.3		10	1.3
106-44-5	4-Methylphenol	50.9		10	0.87
98-86-2	Acetophenone	83.5		10	1.0
111-44-4	Bis(2-chloroethyl)ether	68.6		1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	92.7		10	0.93
621-64-7	N-Nitrosodi-n-propylamine	69.7		1.0	0.83
98-95-3	Nitrobenzene	72.9		1.0	0.49
67-72-1	Hexachloroethane	58.9		1.0	0.090
78-59-1	Isophorone	80.2		10	0.67
88-75-5	2-Nitrophenol	75.9		10	0.59
105-67-9	2,4-Dimethylphenol	71.5		10	0.91
120-83-2	2,4-Dichlorophenol	72.7		10	0.63
111-91-1	Bis(2-chloroethoxy)methane	83.7		10	0.69
91-20-3	Naphthalene	66.1		10	0.80
106-47-8	4-Chloroaniline	76.9		10	0.73
87-68-3	Hexachlorobutadiene	62.9		1.0	0.76
59-50-7	4-Chloro-3-methylphenol	76.5		10	0.76
91-57-6	2-Methylnaphthalene	69.6		10	0.88
118-74-1	Hexachlorobenzene	74.8		1.0	0.47
77-47-4	Hexachlorocyclopentadiene	61.7		10	0.61
88-06-2	2,4,6-Trichlorophenol	63.9		10	0.53
95-95-4	2,4,5-Trichlorophenol	62.6		10	0.49
92-52-4	Diphenyl	57.6		10	0.63
91-58-7	2-Chloronaphthalene	58.6		10	0.61
88-74-4	2-Nitroaniline	76.5		10	0.65
606-20-2	2,6-Dinitrotoluene	69.7		2.0	0.88
131-11-3	Dimethyl phthalate	64.8		10	0.98
208-96-8	Acenaphthylene	58.3		10	0.65
99-09-2	3-Nitroaniline	64.6		10	0.82
83-32-9	Acenaphthene	49.2		10	0.88
100-02-7	4-Nitrophenol	52.9		20	4.7
51-28-5	2,4-Dinitrophenol	106		20	2.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333717/2-A

Matrix: Water | Lab File ID: M966319.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:05

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	55.7		10	0.85
84-66-2	Diethyl phthalate	69.0		10	1.0
86-73-7	Fluorene	56.1		10	0.80
206-44-0	Fluoranthene	79.7		10	0.72
84-74-2	Di-n-butyl phthalate	79.9		10	0.82
121-14-2	2,4-Dinitrotoluene	62.5		2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	60.5		10	0.96
100-01-6	4-Nitroaniline	60.1		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	157		20	2.0
101-55-3	4-Bromophenyl phenyl ether	79.9		10	1.0
120-12-7	Anthracene	75.5		10	0.57
86-74-8	Carbazole	71.3		10	0.85
85-01-8	Phenanthrene	78.4		10	0.65
87-86-5	Pentachlorophenol	110		20	2.2
129-00-0	Pyrene	66.2		10	0.83
218-01-9	Chrysene	71.3		2.0	0.67
207-08-9	Benzo[k]fluoranthene	70.3		1.0	0.18
191-24-2	Benzo[g,h,i]perylene	81.3		10	0.75
205-99-2	Benzo[b]fluoranthene	75.7		1.0	0.44
50-32-8	Benzo[a]pyrene	78.5		1.0	0.16
56-55-3	Benzo[a]anthracene	69.8		1.0	0.55
86-30-6	N-Nitrosodiphenylamine	112		10	0.74
85-68-7	Butyl benzyl phthalate	79.3		10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	76.4		2.0	0.72
117-84-0	Di-n-octyl phthalate	83.5		10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	81.7		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	81.1		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	76.5		10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9		10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	68.6		10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333717/2-A

Matrix: Water | Lab File ID: M966319.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:05

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.: 333958 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	101		62-120
4165-62-2	Phenol-d5	26		10-53
1718-51-0	Terphenyl-d14	83		57-125
118-79-6	2,4,6-Tribromophenol	76		43-126
367-12-4	2-Fluorophenol	40		13-77
321-60-8	2-Fluorobiphenyl	70		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966319.D
Lims ID: LCS 460-333717/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2015 11:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-006
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 12:06:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.632	1.633	-0.001	97	534171	10.0	4.60	
2 N-Nitrosodimethylamine	74	1.856	1.866	-0.010	84	1071740	10.0	5.23	
3 Pyridine	79	1.886	1.888	-0.002	85	1408637	10.0	4.84	
$ 4 2-Fluorophenol	112	3.023	3.028	-0.005	92	1121205	10.0	4.04	
8 Aniline	93	3.951	3.961	-0.010	99	3297890	10.0	7.97	
$ 6 Phenol-d5	99	3.958	3.969	-0.011	92	942532	10.0	2.63	
7 Phenol	94	3.973	3.984	-0.011	97	1335541	10.0	3.42	
9 Bis(2-chloroethyl)ether	93	4.011	4.021	-0.010	93	2698780	10.0	8.57	
10 Benzonitrile	103	4.032	4.044	-0.012	93	4423836	NC	NC	
11 2-Chlorophenol	128	4.085	4.089	-0.004	88	1885833	10.0	7.05	
12 n-Decane	43	4.122	4.126	-0.004	91	2257085	10.0	8.48	
13 1,3-Dichlorobenzene	146	4.227	4.231	-0.004	92	1955982	10.0	7.07	
* 14 1,4-Dichlorobenzene-d4	152	4.279	4.281	-0.002	95	1515200	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.294	4.305	-0.011	90	1941342	10.0	7.32	
17 Benzyl alcohol	108	4.429	4.439	-0.010	90	1410180	10.0	7.98	
18 1,2-Dichlorobenzene	146	4.451	4.460	-0.009	89	1854309	10.0	7.07	
20 2,2'-oxybis[1-chloropropan	45	4.556	4.564	-0.008	92	4233135	10.0	11.6	
19 2-Methylphenol	108	4.571	4.579	-0.008	86	1535077	10.0	6.67	
23 N-Methylaniline	106	4.684	4.692	-0.008	83	3217308	NC	NC	
24 Acetophenone	105	4.699	4.707	-0.007	93	2765690	10.0	10.4	
25 N-Nitrosodi-n-propylamine	70	4.699	4.707	-0.007	93	1964970	10.0	8.71	
21 4-Methylphenol	108	4.729	4.737	-0.008	91	1558989	10.0	6.37	
26 3 & 4 Methylphenol	108	4.729	4.737	-0.008	68	1564919	10.0	6.55	
27 Hexachloroethane	117	4.789	4.797	-0.008	94	918879	10.0	7.36	
$ 28 Nitrobenzene-d5	82	4.841	4.848	-0.007	93	2961723	10.0	10.1	
29 Nitrobenzene	77	4.864	4.871	-0.007	87	3422508	10.0	9.11	
30 n,n'-Dimethylaniline	120	4.872	4.878	-0.006	78	2620793	10.0	8.91	
31 Isophorone	82	5.110	5.117	-0.007	97	5235085	10.0	10.0	
32 2-Nitrophenol	139	5.184	5.190	-0.006	83	1454695	10.0	9.49	
33 2,4-Dimethylphenol	122	5.259	5.258	0.001	86	1787810	10.0	8.94	
34 Bis(2-chloroethoxy)methane	93	5.326	5.339	-0.013	92	2977693	10.0	10.5	
36 2,4-Dichlorophenol	162	5.446	5.452	-0.006	92	1798778	10.0	9.09	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.513	5.519	-0.006	94	1764327	10.0	8.20	
* 38 Naphthalene-d8	136	5.571	5.570	0.001	98	4485889	8.00	8.00	
39 Naphthalene	128	5.586	5.594	-0.008	95	4349081	10.0	8.26	
40 4-Chloroaniline	127	5.653	5.662	-0.009	93	2498014	10.0	9.61	
41 Hexachlorobutadiene	225	5.721	5.728	-0.007	93	939690	10.0	7.86	
44 4-Chloro-3-methylphenol	107	6.170	6.179	-0.009	96	1802130	10.0	9.57	
45 2-Methylnaphthalene	142	6.283	6.292	-0.009	83	3434343	10.0	8.71	
46 1-Methylnaphthalene	142	6.380	6.389	-0.009	93	3165762	10.0	9.31	
47 Hexachlorocyclopentadiene	237	6.448	6.457	-0.009	95	1039881	10.0	7.72	
48 1,2,4,5-Tetrachlorobenzene	216	6.455	6.464	-0.009	94	1702070	10.0	7.36	
49 2-tertbutyl-4-methylphenol	149	6.508	6.515	-0.007	89	2674336	10.0	10.3	
50 2,4,6-Trichlorophenol	196	6.583	6.590	-0.007	86	1286884	10.0	7.99	
51 2,4,5-Trichlorophenol	196	6.628	6.635	-0.007	94	1295185	10.0	7.83	
$ 52 2-Fluorobiphenyl	172	6.658	6.665	-0.007	95	3657208	10.0	7.04	
53 1,1'-Biphenyl	154	6.755	6.762	-0.007	99	3749383	10.0	7.20	
54 2-Chloronaphthalene	162	6.770	6.776	-0.006	94	2985751	10.0	7.32	
55 Phenyl ether	170	6.860	6.860	0.000	90	2387377	10.0	8.17	
57 2-Nitroaniline	65	6.883	6.890	-0.007	95	1606112	10.0	9.56	
58 1,3-Dimethylnaphthalene	156	6.989	6.995	-0.006	90	2730420	10.0	7.85	
59 Dimethyl phthalate	163	7.072	7.077	-0.005	96	3726370	10.0	8.10	
60 Coumarin	146	7.087	7.092	-0.005	76	1398707	10.0	9.86	
61 2,6-Dinitrotoluene	165	7.125	7.130	-0.005	91	1139852	10.0	8.71	
62 Acenaphthylene	152	7.185	7.190	-0.005	95	4673068	10.0	7.29	
63 3-Nitroaniline	138	7.297	7.303	-0.006	91	1192731	10.0	8.08	
* 64 Acenaphthene-d10	164	7.327	7.322	0.005	91	2641457	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.350	7.355	-0.005	97	2566766	10.0	8.40	
66 Acenaphthene	154	7.358	7.363	-0.005	94	2631755	10.0	6.15	
67 2,4-Dinitrophenol	184	7.403	7.408	-0.005	95	1033617	20.0	13.2	
69 4-Nitrophenol	65	7.509	7.520	-0.011	95	636045	20.0	6.61	
70 2,4-Dinitrotoluene	165	7.524	7.528	-0.004	88	1242086	10.0	7.81	
71 Dibenzofuran	168	7.531	7.536	-0.005	94	3866648	10.0	6.96	
72 2,3,4,6-Tetrachlorophenol	232	7.666	7.664	0.002	93	1138349	10.0	8.57	
73 Diethyl phthalate	149	7.762	7.768	-0.006	96	3820543	10.0	8.62	
74 4-Chlorophenyl phenyl ethe	204	7.867	7.873	-0.006	82	1572970	10.0	7.56	
75 Fluorene	166	7.867	7.873	-0.006	93	2911647	10.0	7.02	
76 4-Nitroaniline	138	7.910	7.918	-0.008	94	1045766	10.0	7.51	
77 4,6-Dinitro-2-methylphenol	198	7.933	7.941	-0.008	84	1509814	20.0	19.7	
78 N-Nitrosodiphenylamine	169	7.992	7.999	-0.007	70	4458526	20.0	14.0	
79 1,2-Diphenylhydrazine	77	8.022	8.029	-0.007	96	3951592	10.0	11.0	
$ 80 2,4,6-Tribromophenol	330	8.112	8.118	-0.006	96	765283	10.0	7.64	
81 4-Bromophenyl phenyl ether	248	8.344	8.353	-0.009	84	1170667	10.0	10.0	
82 Hexachlorobenzene	284	8.411	8.418	-0.007	97	1320204	10.0	9.35	
84 Pentachlorophenol	266	8.617	8.624	-0.007	93	986652	20.0	13.7	
85 Pentachloronitrobenzene	237	8.624	8.631	-0.007	88	500155	10.0	12.1	
86 n-Octadecane	57	8.686	8.687	-0.001	96	2852752	10.0	12.9	
* 87 Phenanthrene-d10	188	8.789	8.790	-0.001	99	3485986	8.00	8.00	
88 Phenanthrene	178	8.812	8.820	-0.008	98	3999548	10.0	9.80	
89 Anthracene	178	8.863	8.863	0.000	97	3946077	10.0	9.44	
90 Carbazole	167	9.028	9.030	-0.002	99	4014488	10.0	8.91	
91 Di-n-butyl phthalate	149	9.363	9.368	-0.005	98	4814959	10.0	10.0	
92 Fluoranthene	202	9.980	9.984	-0.004	95	4259047	10.0	9.96	
93 Benzidine	184	10.106	10.118	-0.012	99	1649230	10.0	5.91	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	10.197	10.208	-0.011	97	4266944	10.0	8.27	
95 Bisphenol-A	213	10.257	10.267	-0.010	0	864977	5.00	4.40	
$ 96 Terphenyl-d14	244	10.352	10.361	-0.009	99	3113442	10.0	8.31	
97 Butyl benzyl phthalate	149	10.874	10.884	-0.010	98	2372813	10.0	9.91	
99 Carbamazepine	193	11.003	11.008	-0.005	92	1818567	10.0	11.4	
100 3,3'-Dichlorobenzidine	252	11.495	11.501	-0.006	98	1599024	10.0	9.56	
101 Benzo[a]anthracene	228	11.523	11.529	-0.006	98	3683477	10.0	8.72	
* 102 Chrysene-d12	240	11.537	11.531	0.006	99	2750596	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.558	11.564	-0.006	91	2672625	10.0	9.55	
104 Chrysene	228	11.565	11.578	-0.013	99	3352796	10.0	8.91	
105 Di-n-octyl phthalate	149	12.407	12.413	-0.006	96	4764673	10.0	10.4	
106 Benzo[b]fluoranthene	252	12.921	12.928	-0.007	98	3396542	10.0	9.47	
107 Benzo[k]fluoranthene	252	12.957	12.963	-0.006	99	3299193	10.0	8.79	
108 Benzo[a]pyrene	252	13.361	13.366	-0.005	97	3245152	10.0	9.82	
* 109 Perylene-d12	264	13.435	13.437	-0.002	99	2602624	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.947	-0.014	99	3108436	10.0	10.2	
111 Dibenz(a,h)anthracene	278	14.968	14.982	-0.014	95	3023910	10.0	10.1	
112 Benzo[g,h,i]perylene	276	15.350	15.360	-0.010	98	3202638	10.0	10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-Nov-2015 12:44:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966319.D

Injection Date: 08-Nov-2015 11:05:30 Instrument ID: CBNAMS6 Operator ID:

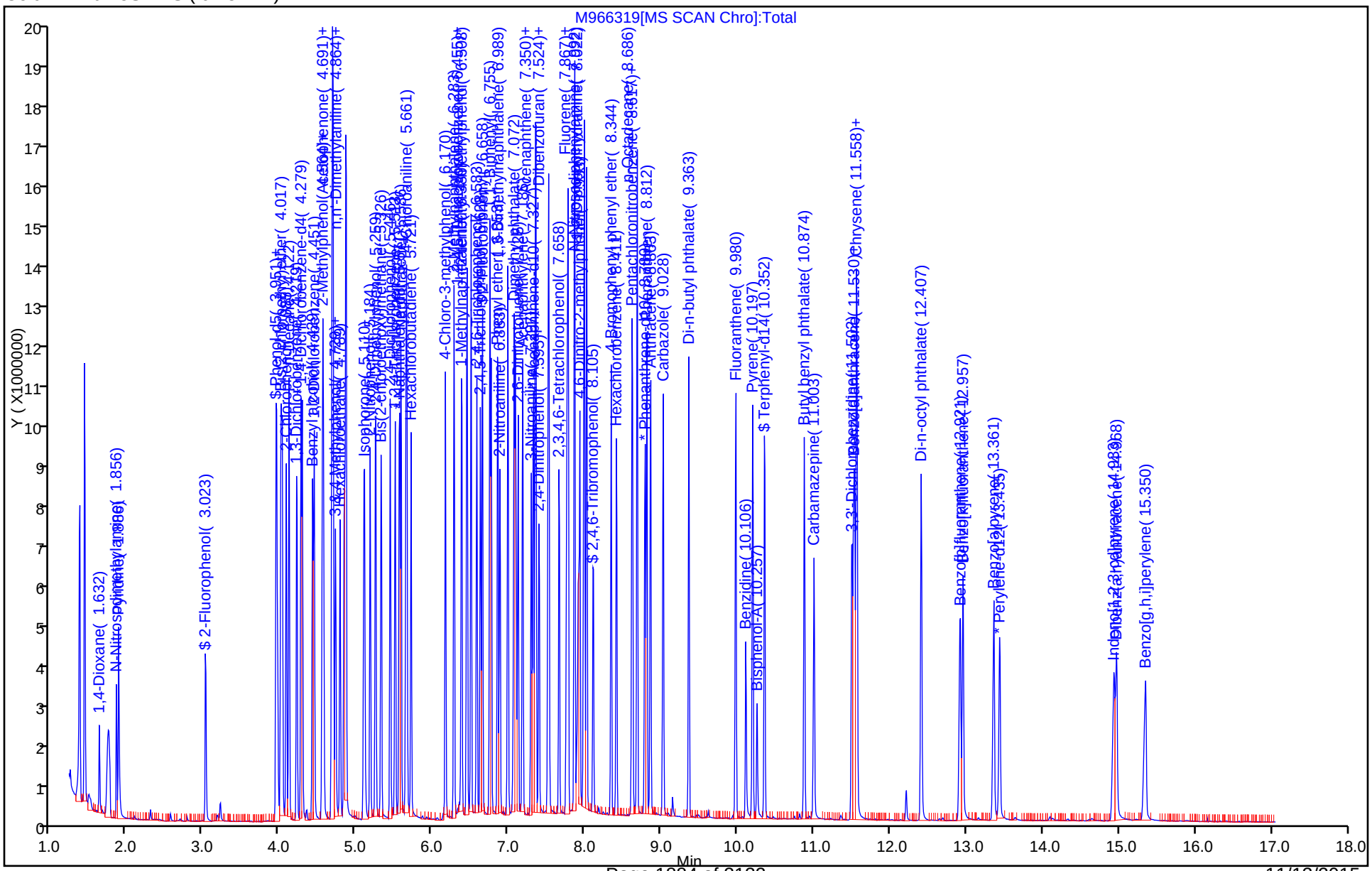
Lims ID: LCS 460-333717/2-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333717/4-A

Matrix: Water | Lab File ID: M966321.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:47

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	130		10	0.86
105-60-2	Caprolactam	49.0		10	1.1
1912-24-9	Atrazine	144		2.0	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	91		62-120
4165-62-2	Phenol-d5	36		10-53
1718-51-0	Terphenyl-d14	94		57-125
118-79-6	2,4,6-Tribromophenol	75		43-126
367-12-4	2-Fluorophenol	46		13-77
321-60-8	2-Fluorobiphenyl	67		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966321.D
Lims ID: LCS 460-333717/4-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2015 11:47:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-008
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 12:08:44

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.030	3.028	0.002	90	1135586	10.0	4.56	
5 Benzaldehyde	77	3.843	3.841	0.001	89	3957384	20.0	16.3	
$ 6 Phenol-d5	99	3.955	3.969	-0.014	87	1152616	10.0	3.59	
* 14 1,4-Dichlorobenzene-d4	152	4.276	4.281	-0.005	97	1357503	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.842	4.848	-0.006	92	2773052	10.0	9.10	
* 38 Naphthalene-d8	136	5.566	5.570	-0.004	97	4686016	8.00	8.00	
42 Caprolactam	113	5.977	5.994	-0.017	88	516249	20.0	6.12	
$ 52 2-Fluorobiphenyl	172	6.655	6.665	-0.010	95	3588537	10.0	6.68	
* 64 Acenaphthene-d10	164	7.324	7.322	0.002	93	2731614	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.102	8.118	-0.016	95	772757	10.0	7.46	
83 Atrazine	200	8.532	8.527	0.005	88	2348739	20.0	17.9	
* 87 Phenanthrene-d10	188	8.787	8.790	-0.003	98	4122653	8.00	8.00	
$ 96 Terphenyl-d14	244	10.354	10.361	-0.007	99	3612306	10.0	9.42	
* 102 Chrysene-d12	240	11.525	11.531	-0.006	99	2812967	8.00	8.00	
* 109 Perylene-d12	264	13.435	13.437	-0.002	99	2674809	8.00	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

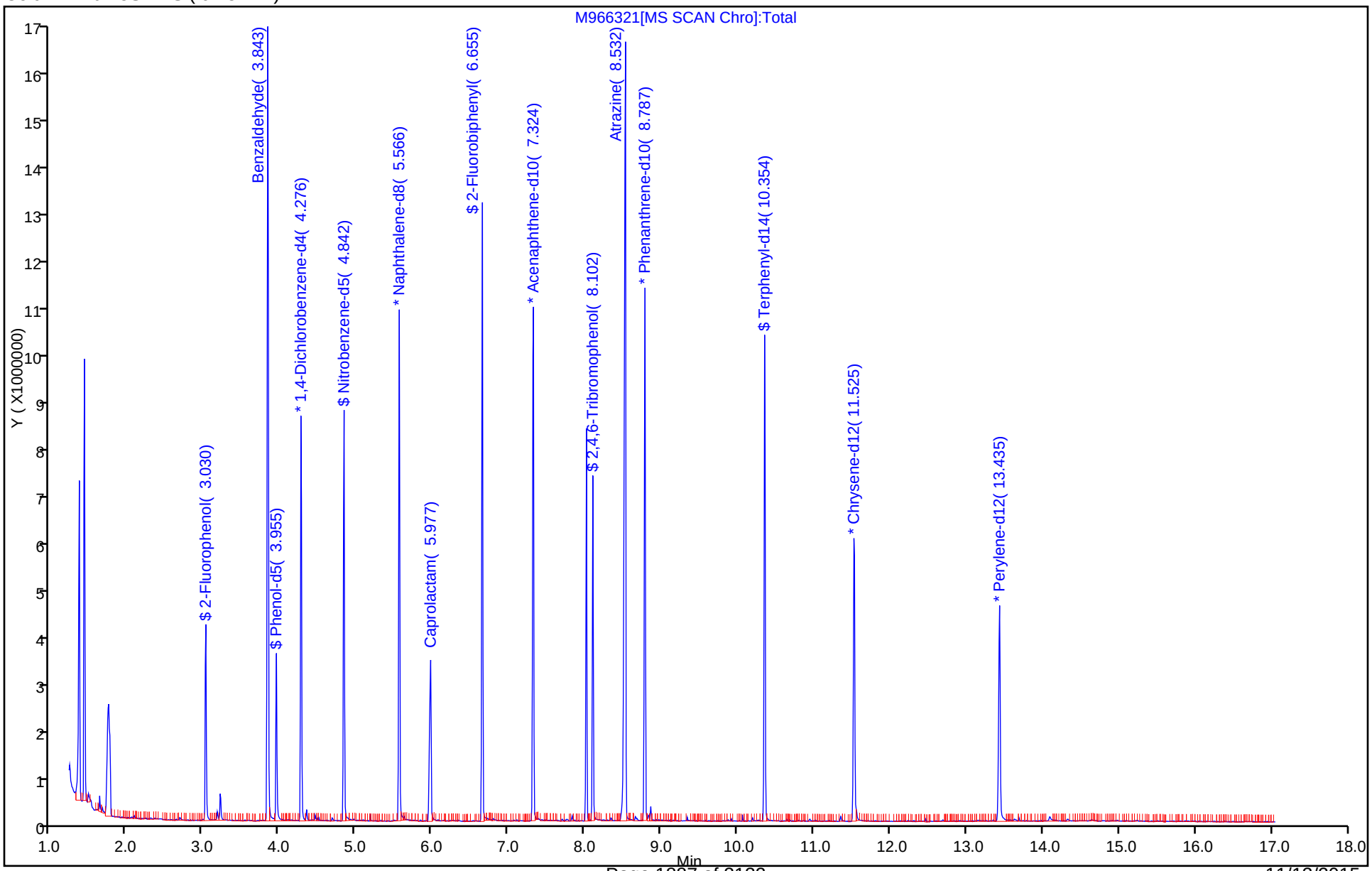
Report Date: 09-Nov-2015 12:44:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966321.D

Injection Date:	08-Nov-2015 11:47:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	LCS 460-333717/4-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334135/2-A

Matrix: Solid | Lab File ID: L127846.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 04:49

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2890		330	11
95-57-8	2-Chlorophenol	2710		330	8.4
95-48-7	2-Methylphenol	2720		330	14
106-44-5	4-Methylphenol	2540		330	9.0
98-86-2	Acetophenone	2750		330	7.2
111-44-4	Bis(2-chloroethyl)ether	2950		33	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	2130		330	14
621-64-7	N-Nitrosodi-n-propylamine	2850		33	11
98-95-3	Nitrobenzene	2650		33	10
67-72-1	Hexachloroethane	2700		33	12
78-59-1	Isophorone	3030		130	7.1
88-75-5	2-Nitrophenol	2820		330	11
105-67-9	2,4-Dimethylphenol	2620		330	73
120-83-2	2,4-Dichlorophenol	2600		130	7.8
111-91-1	Bis(2-chloroethoxy)methane	2940		330	10
91-20-3	Naphthalene	2730		330	8.4
106-47-8	4-Chloroaniline	1650		330	8.5
87-68-3	Hexachlorobutadiene	2650		67	9.3
59-50-7	4-Chloro-3-methylphenol	2710		330	14
91-57-6	2-Methylnaphthalene	2660		330	7.3
118-74-1	Hexachlorobenzene	2920		33	13
77-47-4	Hexachlorocyclopentadiene	2310		330	21
88-06-2	2,4,6-Trichlorophenol	2520		130	9.4
95-95-4	2,4,5-Trichlorophenol	2410		330	33
92-52-4	Diphenyl	2450		330	28
91-58-7	2-Chloronaphthalene	2530		330	7.5
88-74-4	2-Nitroaniline	2080		330	11
606-20-2	2,6-Dinitrotoluene	2590		67	18
131-11-3	Dimethyl phthalate	2500		330	9.6
208-96-8	Acenaphthylene	2600		330	8.5
99-09-2	3-Nitroaniline	1670		330	9.8
83-32-9	Acenaphthene	2170		330	8.0
100-02-7	4-Nitrophenol	4660		670	160
51-28-5	2,4-Dinitrophenol	4840		270	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334135/2-A

Matrix: Solid | Lab File ID: L127846.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 04:49

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	2460		330	10
84-66-2	Diethyl phthalate	2450		330	9.4
86-73-7	Fluorene	2350		330	7.2
206-44-0	Fluoranthene	2600		330	9.8
84-74-2	Di-n-butyl phthalate	2790		330	9.9
121-14-2	2,4-Dinitrotoluene	2450		67	13
7005-72-3	4-Chlorophenyl phenyl ether	2460		330	9.9
100-01-6	4-Nitroaniline	2220		330	13
534-52-1	4,6-Dinitro-2-methylphenol	5630		270	88
101-55-3	4-Bromophenyl phenyl ether	2960		330	10
120-12-7	Anthracene	2790		330	31
86-74-8	Carbazole	2790		330	8.2
85-01-8	Phenanthrene	2800		330	8.8
87-86-5	Pentachlorophenol	4830		270	40
129-00-0	Pyrene	3220		330	15
218-01-9	Chrysene	3060		330	9.0
207-08-9	Benzo[k]fluoranthene	3350		33	14
191-24-2	Benzo[g,h,i]perylene	2530		330	19
205-99-2	Benzo[b]fluoranthene	3110		33	13
50-32-8	Benzo[a]pyrene	3120		33	10
56-55-3	Benzo[a]anthracene	2910		33	28
86-30-6	N-Nitrosodiphenylamine	5660		330	30
85-68-7	Butyl benzyl phthalate	3150		330	10
117-81-7	Bis(2-ethylhexyl) phthalate	3070		330	13
117-84-0	Di-n-octyl phthalate	3480		330	17
193-39-5	Indeno[1,2,3-cd]pyrene	3130		33	22
53-70-3	Dibenz(a,h)anthracene	2630		33	17
91-94-1	3,3'-Dichlorobenzidine	1310		130	37
95-94-3	1,2,4,5-Tetrachlorobenzene	2510		330	25
58-90-2	2,3,4,6-Tetrachlorophenol	2400		330	31

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334135/2-A

Matrix: Solid | Lab File ID: L127846.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 04:49

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.: 334254 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		28-92
4165-62-2	Phenol-d5	80		22-88
1718-51-0	Terphenyl-d14	96		16-114
118-79-6	2,4,6-Tribromophenol	66		10-95
367-12-4	2-Fluorophenol	81		21-84
321-60-8	2-Fluorobiphenyl	72		27-84

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127846.D
Lims ID: LCS 460-334135/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 04:49:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-006
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:53 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:28:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.641	1.594	0.047	97	53937	50.0	28.8	
	2 N-Nitrosodimethylamine	74	1.882	1.841	0.041	83	116243	50.0	43.5	
	3 Pyridine	79	1.905	1.864	0.041	88	172759	50.0	36.7	
$	4 2-Fluorophenol	112	3.047	3.035	0.012	95	195903	50.0	40.4	
$	6 Phenol-d5	99	3.982	3.982	0.000	92	228862	50.0	39.9	
	8 Aniline	93	3.994	3.994	0.000	95	261446	50.0	37.0	
	7 Phenol	94	3.994	3.999	-0.005	93	249222	50.0	43.3	
	9 Bis(2-chloroethyl)ether	93	4.058	4.058	0.000	98	201347	50.0	44.2	
	10 2-Chlorophenol	128	4.117	4.117	0.000	95	215435	50.0	40.6	
	11 n-Decane	43	4.164	4.170	-0.006	91	215119	50.0	27.0	
	12 1,3-Dichlorobenzene	146	4.264	4.264	0.000	95	243451	50.0	39.4	
*	13 1,4-Dichlorobenzene-d4	152	4.317	4.317	0.000	96	161039	40.0	40.0	
	14 1,4-Dichlorobenzene	146	4.335	4.341	-0.006	95	244558	50.0	39.1	
	15 Benzyl alcohol	108	4.470	4.476	-0.006	93	133402	50.0	44.7	
	16 1,2-Dichlorobenzene	146	4.488	4.494	-0.006	96	232149	50.0	39.6	
	17 2-Methylphenol	108	4.599	4.599	0.000	87	173018	50.0	40.8	
	18 2,2'-oxybis[1-chloropropan	45	4.605	4.605	0.000	93	284091	50.0	32.0	
	22 Acetophenone	105	4.735	4.741	-0.006	98	251708	50.0	41.2	
	21 N-Nitrosodi-n-propylamine	70	4.741	4.746	-0.005	91	133120	50.0	42.8	
	19 4-Methylphenol	108	4.758	4.764	-0.006	97	178996	50.0	38.1	
	20 3 & 4 Methylphenol	108	4.758	4.764	-0.006	98	178996	50.0	38.1	
	25 Hexachloroethane	117	4.829	4.829	0.000	96	98925	50.0	40.5	
$	26 Nitrobenzene-d5	82	4.888	4.888	0.000	90	207714	50.0	40.7	
	27 Nitrobenzene	77	4.905	4.911	-0.006	85	271326	50.0	39.7	
	28 n,n'-Dimethylaniline	120	4.911	4.911	0.000	88	311586	50.0	43.1	
	29 Isophorone	82	5.152	5.158	-0.006	99	350280	50.0	45.4	
	30 2-Nitrophenol	139	5.229	5.229	0.000	91	113919	50.0	42.3	
	31 2,4-Dimethylphenol	122	5.293	5.293	0.000	92	162712	50.0	39.3	
	32 Bis(2-chloroethoxy)methane	93	5.370	5.376	-0.006	98	214979	50.0	44.1	
	33 Benzoic acid	122	5.446	5.452	-0.006	91	67543	50.0	32.9	
	34 2,4-Dichlorophenol	162	5.482	5.488	-0.006	95	158404	50.0	38.9	
	35 1,2,4-Trichlorobenzene	180	5.558	5.558	0.000	94	191861	50.0	41.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	5.611	5.605	0.006	99	559645	40.0	40.0	
37 Naphthalene	128	5.629	5.635	-0.006	100	583777	50.0	40.9	
38 4-Chloroaniline	127	5.693	5.699	-0.006	96	138896	50.0	24.7	
39 Hexachlorobutadiene	225	5.764	5.764	0.000	95	109576	50.0	39.8	
41 4-Chloro-3-methylphenol	107	6.205	6.205	0.000	95	139236	50.0	40.7	
42 2-Methylnaphthalene	142	6.329	6.335	-0.006	86	374128	50.0	40.0	
43 1-Methylnaphthalene	142	6.429	6.429	0.000	93	336112	50.0	41.8	
44 Hexachlorocyclopentadiene	237	6.493	6.499	-0.006	96	107209	50.0	34.7	
45 1,2,4,5-Tetrachlorobenzene	216	6.505	6.505	0.000	98	171617	50.0	37.7	
46 2-tertbutyl-4-methylphenol	149	6.546	6.552	-0.006	92	239755	50.0	39.4	
48 2,4,6-Trichlorophenol	196	6.623	6.629	-0.006	91	105546	50.0	37.8	
49 2,4,5-Trichlorophenol	196	6.664	6.664	0.000	98	106688	50.0	36.1	
$ 50 2-Fluorobiphenyl	172	6.699	6.705	-0.006	98	375660	50.0	36.1	
51 1,1'-Biphenyl	154	6.799	6.799	0.000	95	421034	50.0	36.8	
52 2-Chloronaphthalene	162	6.817	6.817	0.000	98	333400	50.0	38.0	
53 Phenyl ether	170	6.899	6.905	-0.006	87	220943	50.0	38.1	
54 2-Nitroaniline	65	6.929	6.929	0.000	96	92552	50.0	31.2	
55 1,3-Dimethylnaphthalene	156	7.035	7.040	-0.005	93	275680	50.0	38.6	
58 Dimethyl phthalate	163	7.117	7.117	0.000	99	318346	50.0	37.6	
59 Coumarin	146	7.129	7.135	-0.006	79	111601	50.0	44.6	
60 2,6-Dinitrotoluene	165	7.170	7.176	-0.006	94	75702	50.0	38.8	
61 Acenaphthylene	152	7.229	7.229	0.000	98	504706	50.0	39.0	
62 3-Nitroaniline	138	7.335	7.340	-0.005	95	50481	50.0	25.0	
* 63 Acenaphthene-d10	164	7.370	7.364	0.006	92	256298	40.0	40.0	
64 3,5-di-tert-butyl-4-hydrox	205	7.393	7.399	-0.006	97	280667	50.0	36.8	
65 Acenaphthene	154	7.399	7.405	-0.006	94	283206	50.0	32.5	
66 2,4-Dinitrophenol	184	7.452	7.452	0.000	96	77105	100.0	72.6	
67 4-Nitrophenol	65	7.535	7.540	-0.005	92	96631	100.0	69.9	
68 2,4-Dinitrotoluene	165	7.576	7.576	0.000	92	91315	50.0	36.7	
69 Dibenzofuran	168	7.570	7.576	-0.006	96	424779	50.0	36.9	
70 2,3,4,6-Tetrachlorophenol	232	7.705	7.705	0.000	94	77374	50.0	35.9	
71 Diethyl phthalate	149	7.811	7.811	0.000	98	301033	50.0	36.8	
73 4-Chlorophenyl phenyl ethe	204	7.911	7.911	0.000	78	154086	50.0	36.9	
74 Fluorene	166	7.911	7.911	0.000	95	321784	50.0	35.2	
75 4-Nitroaniline	138	7.946	7.952	-0.006	91	63270	50.0	33.3	
76 4,6-Dinitro-2-methylphenol	198	7.987	7.993	-0.006	86	101233	100.0	84.5	
77 N-Nitrosodiphenylamine	169	8.034	8.040	-0.006	68	439281	100.0	84.9	
78 1,2-Diphenylhydrazine	77	8.070	8.070	0.000	99	327731	50.0	48.3	
$ 79 2,4,6-Tribromophenol	330	8.152	8.152	0.000	95	48414	50.0	32.8	
80 4-Bromophenyl phenyl ether	248	8.387	8.393	-0.006	90	89966	50.0	44.3	
81 Hexachlorobenzene	284	8.464	8.464	0.000	97	99915	50.0	43.8	
83 Pentachlorophenol	266	8.658	8.664	-0.006	94	92397	100.0	72.5	
84 Pentachloronitrobenzene	237	8.670	8.676	-0.006	88	35894	50.0	40.1	
72 n-Octadecane	57	8.740	8.740	0.000	94	211242	50.0	40.4	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	336641	40.0	40.0	
86 Phenanthrene	178	8.858	8.858	0.000	97	410385	50.0	42.0	
87 Anthracene	178	8.905	8.911	-0.006	98	412555	50.0	41.8	
88 Carbazole	167	9.070	9.070	0.000	96	346839	50.0	41.9	
89 Di-n-butyl phthalate	149	9.411	9.417	-0.006	100	411409	50.0	41.8	
90 Fluoranthene	202	10.023	10.028	-0.005	98	357431	50.0	38.9	
91 Benzidine	184	10.152	10.158	-0.006	100	122431	50.0	23.7	
92 Pyrene	202	10.246	10.246	0.000	97	364025	50.0	48.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Bisphenol-A	213	10.299	10.299	0.000	99	65643	25.0	21.9	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	244216	50.0	48.2	
95 Butyl benzyl phthalate	149	10.911	10.917	-0.006	97	145738	50.0	47.2	
97 Carbamazepine	193	11.034	11.040	-0.006	92	114121	50.0	36.8	
98 3,3'-Dichlorobenzidine	252	11.517	11.528	-0.011	100	48347	50.0	19.6	
99 Benzo[a]anthracene	228	11.546	11.552	-0.006	99	286015	50.0	43.7	
* 100 Chrysene-d12	240	11.564	11.558	0.006	99	219691	40.0	40.0	
102 Bis(2-ethylhexyl) phthalat	149	11.587	11.593	-0.006	86	197378	50.0	46.0	
101 Chrysene	228	11.593	11.599	-0.006	99	272968	50.0	45.9	
103 Di-n-octyl phthalate	149	12.428	12.428	0.000	97	312294	50.0	52.3	
104 Benzo[b]fluoranthene	252	12.934	12.934	0.000	99	250088	50.0	46.6	
105 Benzo[k]fluoranthene	252	12.969	12.975	-0.006	99	275420	50.0	50.2	
106 Benzo[a]pyrene	252	13.369	13.375	-0.006	97	246894	50.0	46.8	
* 107 Perylene-d12	264	13.446	13.440	0.006	97	197823	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	14.893	14.899	-0.006	97	273794	50.0	47.0	
109 Dibenz(a,h)anthracene	278	14.911	14.916	-0.006	94	226665	50.0	39.4	
110 Benzo[g,h,i]perylene	276	15.234	15.240	-0.006	96	229766	50.0	37.9	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

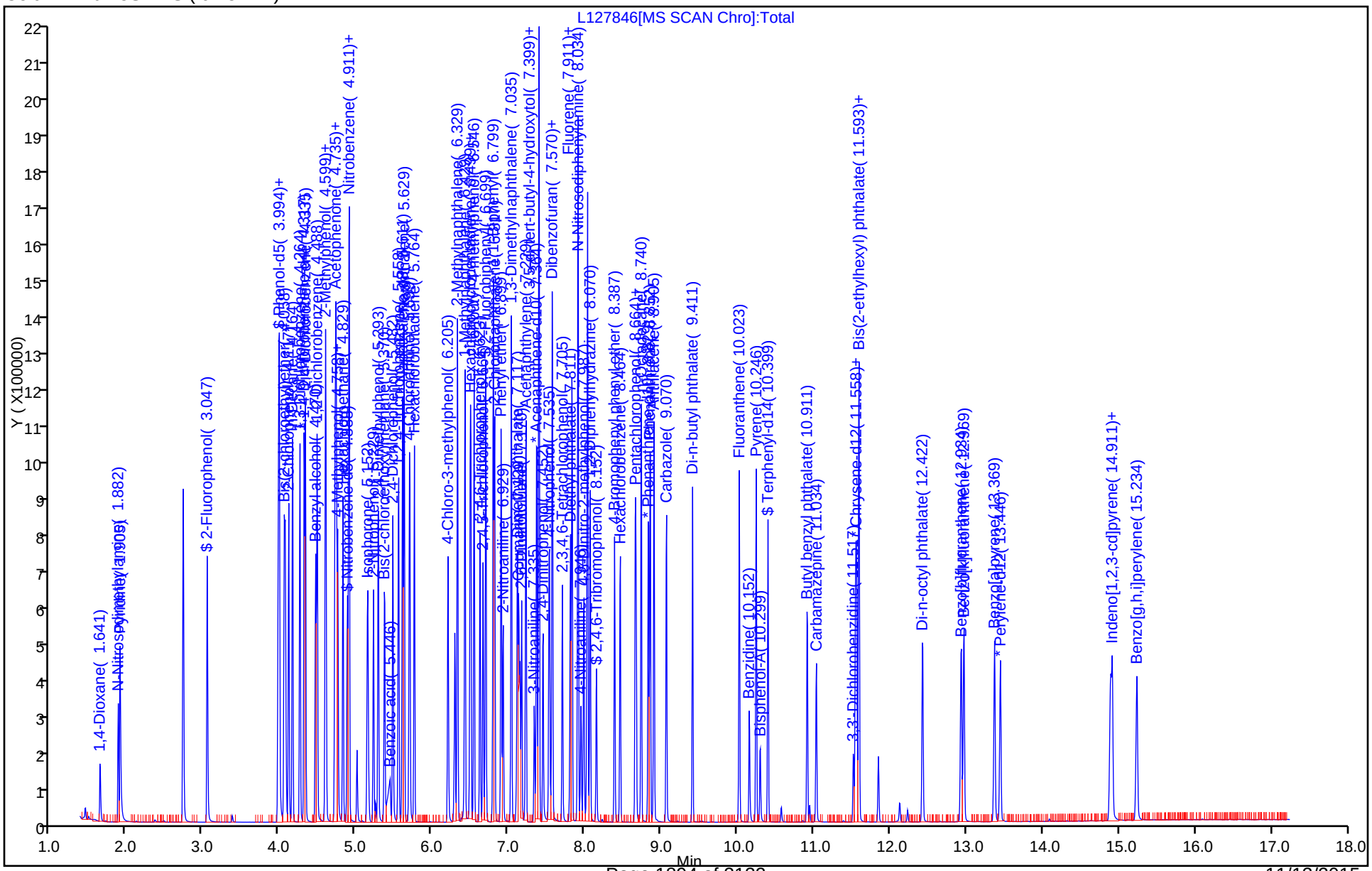
Report Date: 11-Nov-2015 11:28:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127846.D

Injection Date:	10-Nov-2015 04:49:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-334135/2-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334135/3-A

Matrix: Solid | Lab File ID: L127847.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 05:15

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.: 334254 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	5490		330	25
105-60-2	Caprolactam	7170		330	24
1912-24-9	Atrazine	6040		130	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		28-92
4165-62-2	Phenol-d5	82		22-88
1718-51-0	Terphenyl-d14	115	X	16-114
118-79-6	2,4,6-Tribromophenol	67		10-95
367-12-4	2-Fluorophenol	83		21-84
321-60-8	2-Fluorobiphenyl	72		27-84

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127847.D
Lims ID: LCS 460-334135/3-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 05:15:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034029-007
Operator ID: BNA 12 Instrument ID: CBNAMS12

Method: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\8270_12R_9.m
Limit Group: SV 8270D ICAL
Last Update: 11-Nov-2015 11:27:53 Calib Date: 19-Oct-2015 20:41:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS12\20151019-33148.b\L127038.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK003

First Level Reviewer: szczecha Date: 11-Nov-2015 11:28:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.041	3.035	0.006	96	183530	50.0	41.3	
5 Benzaldehyde	77	3.882	3.876	0.006	93	307091	100.0	82.4	
$ 6 Phenol-d5	99	3.970	3.982	-0.012	87	216137	50.0	41.1	
* 13 1,4-Dichlorobenzene-d4	152	4.317	4.317	0.000	96	147492	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.882	4.888	-0.006	90	192572	50.0	39.3	
* 36 Naphthalene-d8	136	5.605	5.605	0.000	99	537554	40.0	40.0	
40 Caprolactam	113	6.046	6.029	0.017	89	95634	100.0	107.6	
$ 50 2-Fluorobiphenyl	172	6.699	6.705	-0.006	98	384228	50.0	36.2	
* 63 Acenaphthene-d10	164	7.364	7.364	0.000	92	261743	40.0	40.0	
$ 79 2,4,6-Tribromophenol	330	8.146	8.152	-0.006	95	50607	50.0	33.6	
82 Atrazine	200	8.570	8.564	0.006	93	161194	100.0	90.5	
* 85 Phenanthrene-d10	188	8.829	8.828	0.001	99	364354	40.0	40.0	
$ 94 Terphenyl-d14	244	10.399	10.405	-0.006	99	280003	50.0	57.3	
* 100 Chrysene-d12	240	11.558	11.558	0.000	99	212005	40.0	40.0	
* 107 Perylene-d12	264	13.440	13.440	0.000	98	175682	40.0	40.0	

Reagents:

SM_ISTD_00092 Amount Added: 20.00 Units: uL Run Reagent

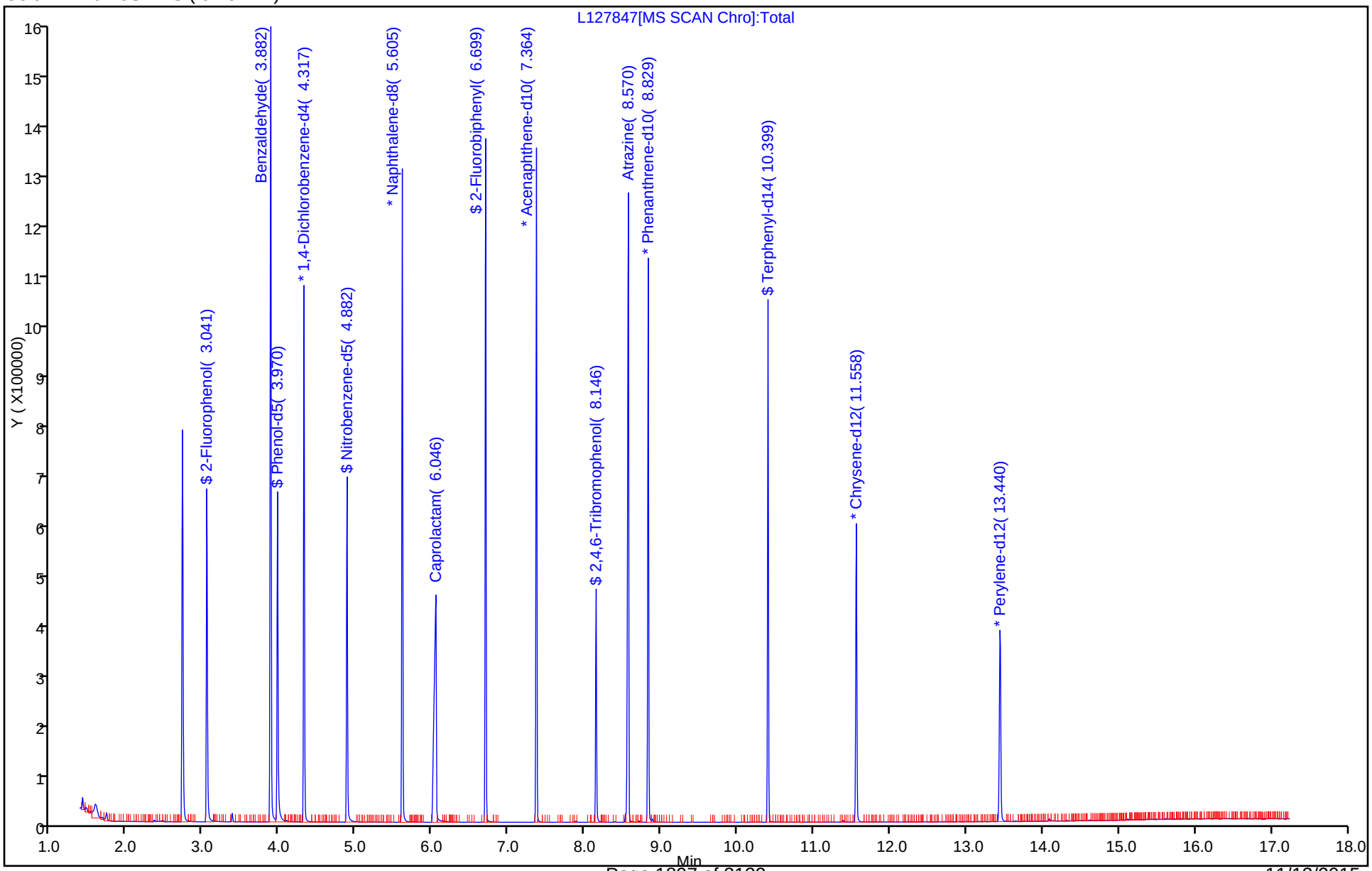
Report Date: 11-Nov-2015 11:29:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS12\20151109-34029.b\L127847.D

Injection Date:	10-Nov-2015 05:15:30	Instrument ID:	CBNAMS12	Operator ID:	BNA 12
Lims ID:	LCS 460-334135/3-A			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_12R_9	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333717/3-A

Matrix: Water | Lab File ID: M966320.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:26

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	29.7		10	0.41
95-57-8	2-Chlorophenol	61.2		10	0.74
95-48-7	2-Methylphenol	57.2		10	1.3
106-44-5	4-Methylphenol	52.1		10	0.87
98-86-2	Acetophenone	80.8		10	1.0
111-44-4	Bis(2-chloroethyl)ether	65.0		1.0	0.12
108-60-1	2,2'-oxybis[1-chloropropane]	96.5		10	0.93
621-64-7	N-Nitrosodi-n-propylamine	64.9		1.0	0.83
98-95-3	Nitrobenzene	69.9		1.0	0.49
67-72-1	Hexachloroethane	58.8		1.0	0.090
78-59-1	Isophorone	75.9		10	0.67
88-75-5	2-Nitrophenol	74.7		10	0.59
105-67-9	2,4-Dimethylphenol	66.6		10	0.91
120-83-2	2,4-Dichlorophenol	67.9		10	0.63
111-91-1	Bis(2-chloroethoxy)methane	80.9		10	0.69
91-20-3	Naphthalene	62.6		10	0.80
106-47-8	4-Chloroaniline	71.1		10	0.73
87-68-3	Hexachlorobutadiene	59.4		1.0	0.76
59-50-7	4-Chloro-3-methylphenol	76.4		10	0.76
91-57-6	2-Methylnaphthalene	68.5		10	0.88
118-74-1	Hexachlorobenzene	77.7		1.0	0.47
77-47-4	Hexachlorocyclopentadiene	64.5		10	0.61
88-06-2	2,4,6-Trichlorophenol	65.7		10	0.53
95-95-4	2,4,5-Trichlorophenol	64.6		10	0.49
92-52-4	Diphenyl	59.8		10	0.63
91-58-7	2-Chloronaphthalene	60.5		10	0.61
88-74-4	2-Nitroaniline	82.1		10	0.65
606-20-2	2,6-Dinitrotoluene	69.0		2.0	0.88
131-11-3	Dimethyl phthalate	65.9		10	0.98
208-96-8	Acenaphthylene	60.6		10	0.65
99-09-2	3-Nitroaniline	70.5		10	0.82
83-32-9	Acenaphthene	53.3		10	0.88
100-02-7	4-Nitrophenol	60.0		20	4.7
51-28-5	2,4-Dinitrophenol	111		20	2.4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333717/3-A

Matrix: Water | Lab File ID: M966320.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:26

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.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	59.6		10	0.85
84-66-2	Diethyl phthalate	74.9		10	1.0
86-73-7	Fluorene	59.6		10	0.80
206-44-0	Fluoranthene	76.7		10	0.72
84-74-2	Di-n-butyl phthalate	83.6		10	0.82
121-14-2	2,4-Dinitrotoluene	66.6		2.0	1.0
7005-72-3	4-Chlorophenyl phenyl ether	62.8		10	0.96
100-01-6	4-Nitroaniline	67.8		10	0.48
534-52-1	4,6-Dinitro-2-methylphenol	152		20	2.0
101-55-3	4-Bromophenyl phenyl ether	79.5		10	1.0
120-12-7	Anthracene	75.8		10	0.57
86-74-8	Carbazole	76.8		10	0.85
85-01-8	Phenanthrene	76.1		10	0.65
87-86-5	Pentachlorophenol	108		20	2.2
129-00-0	Pyrene	69.6		10	0.83
218-01-9	Chrysene	73.9		2.0	0.67
207-08-9	Benzo[k]fluoranthene	75.3		1.0	0.18
191-24-2	Benzo[g,h,i]perylene	79.5		10	0.75
205-99-2	Benzo[b]fluoranthene	75.0		1.0	0.44
50-32-8	Benzo[a]pyrene	80.9		1.0	0.16
56-55-3	Benzo[a]anthracene	71.3		1.0	0.55
86-30-6	N-Nitrosodiphenylamine	113		10	0.74
85-68-7	Butyl benzyl phthalate	79.8		10	0.60
117-81-7	Bis(2-ethylhexyl) phthalate	74.8		2.0	0.72
117-84-0	Di-n-octyl phthalate	82.2		10	0.69
193-39-5	Indeno[1,2,3-cd]pyrene	94.4		1.0	0.21
53-70-3	Dibenz(a,h)anthracene	82.7		1.0	0.090
91-94-1	3,3'-Dichlorobenzidine	80.0		10	1.0
95-94-3	1,2,4,5-Tetrachlorobenzene	62.2		10	0.43
58-90-2	2,3,4,6-Tetrachlorophenol	70.2		10	0.69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333717/3-A

Matrix: Water | Lab File ID: M966320.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 11:26

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.: 333958 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	99		62-120
4165-62-2	Phenol-d5	30		10-53
1718-51-0	Terphenyl-d14	88		57-125
118-79-6	2,4,6-Tribromophenol	82		43-126
367-12-4	2-Fluorophenol	45		13-77
321-60-8	2-Fluorobiphenyl	75		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966320.D
Lims ID: LCSD 460-333717/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Nov-2015 11:26:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-007
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 12:06:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.639	1.633	0.006	96	523330	10.0	4.69	
2 N-Nitrosodimethylamine	74	1.862	1.866	-0.004	84	1040779	10.0	5.28	
3 Pyridine	79	1.892	1.888	0.004	85	1012440	10.0	3.62	
$ 4 2-Fluorophenol	112	3.032	3.028	0.004	91	1203413	10.0	4.51	
8 Aniline	93	3.954	3.961	-0.007	98	2960808	10.0	7.44	
$ 6 Phenol-d5	99	3.962	3.969	-0.007	92	1033770	10.0	3.00	
7 Phenol	94	3.969	3.984	-0.015	91	1372576	10.0	3.71	
9 Bis(2-chloroethyl)ether	93	4.014	4.021	-0.007	91	2456777	10.0	8.12	
10 Benzonitrile	103	4.029	4.044	-0.015	93	4185607	NC	NC	
11 2-Chlorophenol	128	4.088	4.089	-0.001	87	1968536	10.0	7.65	
12 n-Decane	43	4.125	4.126	-0.001	91	2203683	10.0	8.64	
13 1,3-Dichlorobenzene	146	4.222	4.231	-0.009	89	1878104	10.0	7.07	
* 14 1,4-Dichlorobenzene-d4	152	4.282	4.281	0.001	96	1456181	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.297	4.305	-0.008	87	1823518	10.0	7.16	
17 Benzyl alcohol	108	4.432	4.439	-0.007	90	1356034	10.0	7.98	
18 1,2-Dichlorobenzene	146	4.455	4.460	-0.005	90	1825369	10.0	7.27	
20 2,2'-oxybis[1-chloropropan	45	4.560	4.564	-0.004	92	4195321	10.0	12.1	
19 2-Methylphenol	108	4.574	4.579	-0.005	85	1582293	10.0	7.15	
23 N-Methylaniline	106	4.687	4.692	-0.005	79	2949122	NC	NC	
24 Acetophenone	105	4.695	4.707	-0.011	88	2588072	10.0	10.1	
25 N-Nitrosodi-n-propylamine	70	4.702	4.707	-0.004	94	1757716	10.0	8.11	
21 4-Methylphenol	108	4.732	4.737	-0.005	90	1533354	10.0	6.52	
26 3 & 4 Methylphenol	108	4.732	4.737	-0.005	67	1556477	10.0	6.82	
27 Hexachloroethane	117	4.792	4.797	-0.005	94	882382	10.0	7.35	
$ 28 Nitrobenzene-d5	82	4.843	4.848	-0.005	93	2875950	10.0	9.95	
29 Nitrobenzene	77	4.866	4.871	-0.005	87	3251933	10.0	8.74	
30 n,n'-Dimethylaniline	120	4.873	4.878	-0.005	79	2532087	10.0	8.97	
31 Isophorone	82	5.105	5.117	-0.012	98	4905314	10.0	9.49	
32 2-Nitrophenol	139	5.187	5.190	-0.003	82	1417317	10.0	9.34	
33 2,4-Dimethylphenol	122	5.255	5.258	-0.003	85	1649884	10.0	8.33	
34 Bis(2-chloroethoxy)methane	93	5.330	5.339	-0.009	91	2850497	10.0	10.1	
36 2,4-Dichlorophenol	162	5.450	5.452	-0.002	90	1664475	10.0	8.49	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.511	5.519	-0.008	94	1657426	10.0	7.78	
* 38 Naphthalene-d8	136	5.571	5.570	0.001	98	4443597	8.00	8.00	
39 Naphthalene	128	5.593	5.594	-0.001	95	4129310	10.0	7.83	
40 4-Chloroaniline	127	5.653	5.662	-0.009	93	2321801	10.0	8.89	
41 Hexachlorobutadiene	225	5.721	5.728	-0.007	92	879369	10.0	7.42	
44 4-Chloro-3-methylphenol	107	6.176	6.179	-0.003	96	1780859	10.0	9.55	
45 2-Methylnaphthalene	142	6.289	6.292	-0.003	83	3357881	10.0	8.57	
46 1-Methylnaphthalene	142	6.385	6.389	-0.004	92	3125856	10.0	9.27	
47 Hexachlorocyclopentadiene	237	6.453	6.457	-0.004	95	1011425	10.0	8.07	
48 1,2,4,5-Tetrachlorobenzene	216	6.460	6.464	-0.004	94	1671080	10.0	7.77	
49 2-tertbutyl-4-methylphenol	149	6.513	6.515	-0.002	89	2636555	10.0	10.3	
50 2,4,6-Trichlorophenol	196	6.581	6.590	-0.009	86	1231861	10.0	8.22	
51 2,4,5-Trichlorophenol	196	6.633	6.635	-0.002	93	1242712	10.0	8.07	
$ 52 2-Fluorobiphenyl	172	6.655	6.665	-0.010	95	3619385	10.0	7.49	
53 1,1'-Biphenyl	154	6.754	6.762	-0.008	99	3620060	10.0	7.47	
54 2-Chloronaphthalene	162	6.776	6.776	0.000	94	2870784	10.0	7.57	
55 Phenyl ether	170	6.859	6.860	-0.001	91	2457713	10.0	9.04	
57 2-Nitroaniline	65	6.888	6.890	-0.002	95	1602883	10.0	10.3	
58 1,3-Dimethylnaphthalene	156	6.993	6.995	-0.002	91	2686299	10.0	8.30	
59 Dimethyl phthalate	163	7.076	7.077	-0.001	97	3526514	10.0	8.24	
60 Coumarin	146	7.091	7.092	-0.001	76	1367193	10.0	9.73	
61 2,6-Dinitrotoluene	165	7.129	7.130	-0.001	92	1049075	10.0	8.62	
62 Acenaphthylene	152	7.181	7.190	-0.009	95	4520412	10.0	7.58	
63 3-Nitroaniline	138	7.302	7.303	-0.001	94	1211622	10.0	8.82	
* 64 Acenaphthene-d10	164	7.325	7.322	0.003	91	2457753	8.00	8.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.355	7.355	0.000	97	2431336	10.0	8.55	
66 Acenaphthene	154	7.362	7.363	-0.001	95	2622156	10.0	6.67	
67 2,4-Dinitrophenol	184	7.400	7.408	-0.008	94	1016527	20.0	13.9	
69 4-Nitrophenol	65	7.514	7.520	-0.006	92	671749	20.0	7.50	
70 2,4-Dinitrotoluene	165	7.521	7.528	-0.007	88	1231417	10.0	8.33	
71 Dibenzofuran	168	7.528	7.536	-0.008	95	3853089	10.0	7.45	
72 2,3,4,6-Tetrachlorophenol	232	7.662	7.664	-0.002	92	1085158	10.0	8.78	
73 Diethyl phthalate	149	7.765	7.768	-0.003	97	3859381	10.0	9.36	
74 4-Chlorophenyl phenyl ethe	204	7.863	7.873	-0.010	81	1518705	10.0	7.85	
75 Fluorene	166	7.871	7.873	-0.002	95	2876598	10.0	7.45	
76 4-Nitroaniline	138	7.916	7.918	-0.002	94	1097361	10.0	8.47	
77 4,6-Dinitro-2-methylphenol	198	7.938	7.941	-0.003	85	1427047	20.0	19.0	
78 N-Nitrosodiphenylamine	169	7.992	7.999	-0.007	70	4403767	20.0	14.1	
79 1,2-Diphenylhydrazine	77	8.029	8.029	0.000	96	3935778	10.0	11.2	
$ 80 2,4,6-Tribromophenol	330	8.111	8.118	-0.007	95	768219	10.0	8.24	
81 4-Bromophenyl phenyl ether	248	8.346	8.353	-0.007	84	1142018	10.0	9.94	
82 Hexachlorobenzene	284	8.419	8.418	0.001	97	1344629	10.0	9.71	
84 Pentachlorophenol	266	8.619	8.624	-0.005	92	953860	20.0	13.5	
85 Pentachloronitrobenzene	237	8.626	8.631	-0.005	87	491692	10.0	12.1	
86 n-Octadecane	57	8.689	8.687	0.002	96	2791133	10.0	12.9	
* 87 Phenanthrene-d10	188	8.789	8.790	-0.001	99	3419441	8.00	8.00	
88 Phenanthrene	178	8.811	8.820	-0.009	99	3827452	10.0	9.51	
89 Anthracene	178	8.862	8.863	-0.001	96	3882972	10.0	9.48	
90 Carbazole	167	9.026	9.030	-0.004	99	4242552	10.0	9.60	
91 Di-n-butyl phthalate	149	9.362	9.368	-0.006	98	4892854	10.0	10.4	
92 Fluoranthene	202	9.977	9.984	-0.007	96	4039007	10.0	9.58	
93 Benzidine	184	10.106	10.118	-0.012	99	656642	10.0	2.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
94 Pyrene	202	10.203	10.208	-0.005	95	4233877	10.0	8.70	
95 Bisphenol-A	213	10.255	10.267	-0.012	0	859550	5.00	4.63	
$ 96 Terphenyl-d14	244	10.355	10.361	-0.006	98	3102928	10.0	8.77	
97 Butyl benzyl phthalate	149	10.876	10.884	-0.008	98	2254278	10.0	9.98	
99 Carbamazepine	193	11.005	11.008	-0.003	90	1589036	10.0	10.5	
100 3,3'-Dichlorobenzidine	252	11.500	11.501	-0.001	98	1577954	10.0	10.0	
101 Benzo[a]anthracene	228	11.521	11.529	-0.009	99	3553466	10.0	8.92	
* 102 Chrysene-d12	240	11.534	11.531	0.003	99	2596076	8.00	8.00	
103 Bis(2-ethylhexyl) phthalat	149	11.563	11.564	-0.002	92	2469637	10.0	9.35	
104 Chrysene	228	11.570	11.578	-0.008	98	3280660	10.0	9.24	
105 Di-n-octyl phthalate	149	12.412	12.413	-0.001	96	4677697	10.0	10.3	
106 Benzo[b]fluoranthene	252	12.920	12.928	-0.008	98	3356934	10.0	9.38	
107 Benzo[k]fluoranthene	252	12.955	12.963	-0.008	98	3525045	10.0	9.42	
108 Benzo[a]pyrene	252	13.359	13.366	-0.007	97	3334728	10.0	10.1	
* 109 Perylene-d12	264	13.439	13.437	0.002	99	2596535	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.940	14.947	-0.007	97	3584317	10.0	11.8	
111 Dibenz(a,h)anthracene	278	14.968	14.982	-0.014	96	3073939	10.0	10.3	
112 Benzo[g,h,i]perylene	276	15.353	15.360	-0.007	98	3124987	10.0	9.94	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-Nov-2015 12:44:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966320.D

Injection Date: 08-Nov-2015 11:26:30 Instrument ID: CBNAMS6 Operator ID:

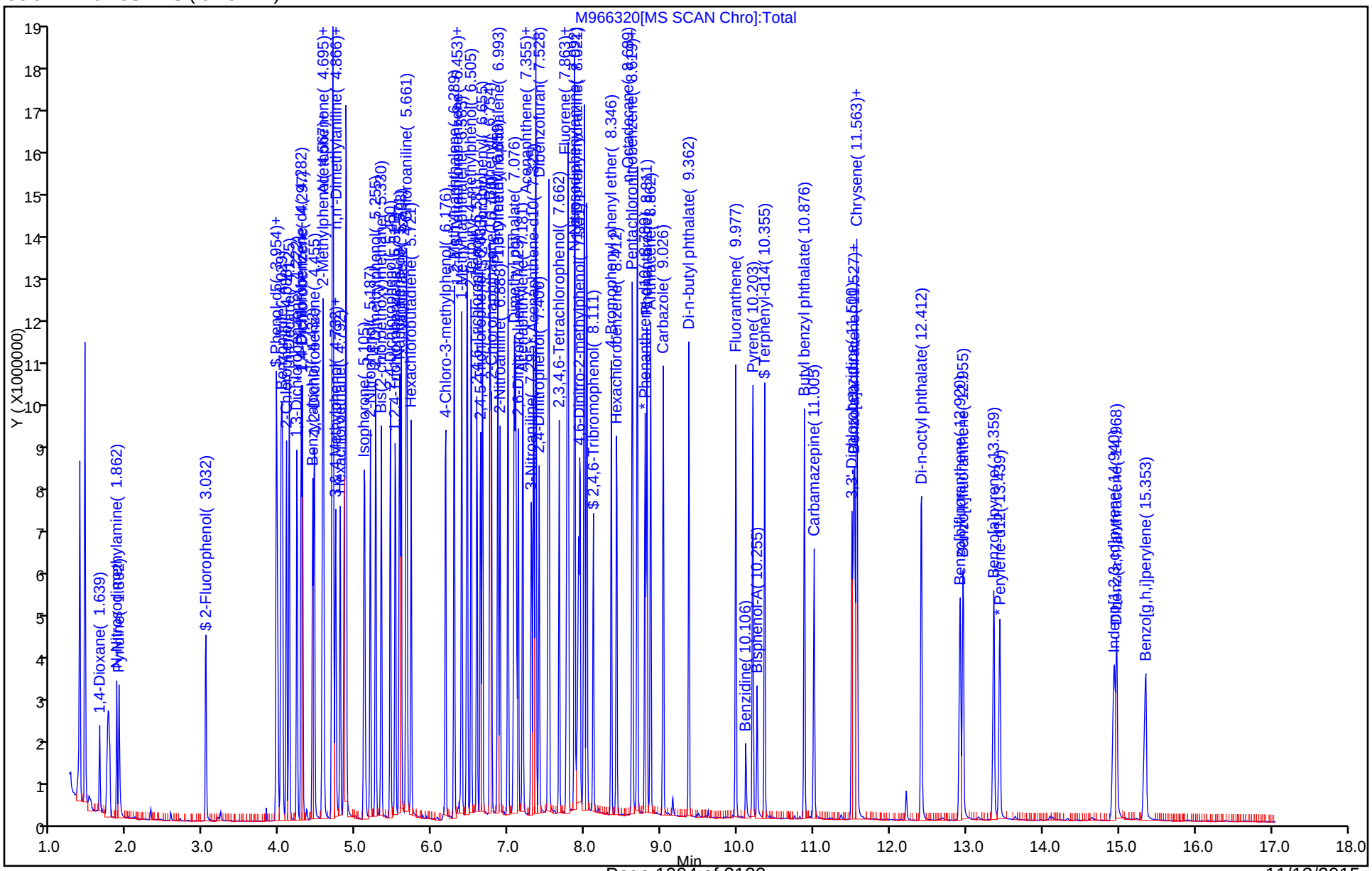
Lims ID: LCSD 460-333717/3-A Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_R6 Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333717/5-A

Matrix: Water | Lab File ID: M966322.D

Analysis Method: 8270D | Date Collected:

Extract. Method: 3510C | Date Extracted: 11/06/2015 13:28

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 12:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 333958 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	123		10	0.86
105-60-2	Caprolactam	49.3		10	1.1
1912-24-9	Atrazine	138		2.0	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	102		62-120
4165-62-2	Phenol-d5	35		10-53
1718-51-0	Terphenyl-d14	95		57-125
118-79-6	2,4,6-Tribromophenol	70		43-126
367-12-4	2-Fluorophenol	44		13-77
321-60-8	2-Fluorobiphenyl	65		63-113

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966322.D
Lims ID: LCSD 460-333717/5-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Nov-2015 12:08:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033967-009
Operator ID: Instrument ID: CBNAMS6

Method: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\8270LVI_R6.m
Limit Group: SV 8270D ICAL
Last Update: 09-Nov-2015 12:44:02 Calib Date: 03-Nov-2015 19:56:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAMS6\20151103-33771.b\M966078.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: XAWRK016

First Level Reviewer: croccom Date: 09-Nov-2015 12:09:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.031	3.028	0.003	92	1147720	10.0	4.38	
5 Benzaldehyde	77	3.843	3.841	0.002	91	3920053	20.0	15.3	
$ 6 Phenol-d5	99	3.955	3.969	-0.014	87	1178711	10.0	3.49	
* 14 1,4-Dichlorobenzene-d4	152	4.275	4.281	-0.006	96	1429906	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.837	4.848	-0.011	93	2865054	10.0	10.2	
* 38 Naphthalene-d8	136	5.567	5.570	-0.003	98	4339052	8.00	8.00	
42 Caprolactam	113	5.977	5.994	-0.017	88	481118	20.0	6.16	
$ 52 2-Fluorobiphenyl	172	6.654	6.665	-0.011	94	3685184	10.0	6.54	
* 64 Acenaphthene-d10	164	7.320	7.322	-0.002	91	2862298	8.00	8.00	
$ 80 2,4,6-Tribromophenol	330	8.101	8.118	-0.017	95	756300	10.0	6.97	
83 Atrazine	200	8.530	8.527	0.003	86	2194796	20.0	17.2	
* 87 Phenanthrene-d10	188	8.783	8.790	-0.007	98	4019354	8.00	8.00	
$ 96 Terphenyl-d14	244	10.356	10.361	-0.005	98	3437493	10.0	9.45	
* 102 Chrysene-d12	240	11.528	11.531	-0.003	99	2668051	8.00	8.00	
* 109 Perylene-d12	264	13.433	13.437	-0.004	99	2415956	8.00	8.00	

Reagents:

SM_ISTD_LVI_00095 Amount Added: 20.00 Units: uL Run Reagent

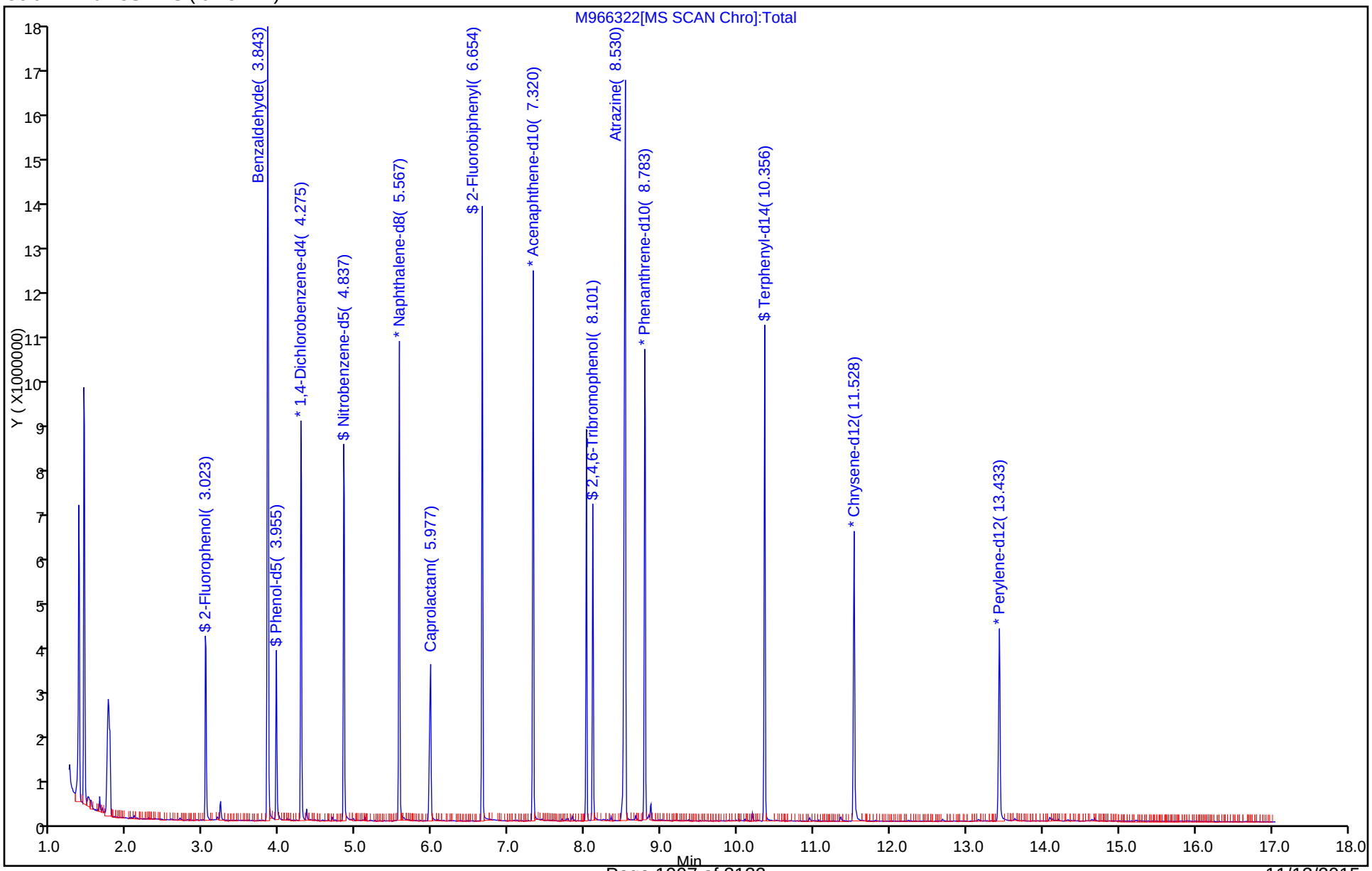
Report Date: 09-Nov-2015 12:44:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAMS6\20151108-33967.b\M966322.D

Injection Date:	08-Nov-2015 12:08:30	Instrument ID:	CBNAMS6	Operator ID:	
Lims ID:	LCSD 460-333717/5-A			Worklist Smp#:	9
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270LVI_R6	Limit Group:	SV 8270D ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MS | Lab Sample ID: 460-104096-35 MS

Matrix: Solid | Lab File ID: z38464.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0021(g) | Date Analyzed: 11/10/2015 12:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1860		1700	57
95-57-8	2-Chlorophenol	1930		1700	44
95-48-7	2-Methylphenol	1970		1700	75
106-44-5	4-Methylphenol	1880		1700	47
100-52-7	Benzaldehyde	3260		1700	130
98-86-2	Acetophenone	2040		1700	38
111-44-4	Bis(2-chloroethyl)ether	1880		170	41
108-60-1	2,2'-oxybis[1-chloropropane]	2050		1700	71
621-64-7	N-Nitrosodi-n-propylamine	2090		170	58
98-95-3	Nitrobenzene	1870		170	55
67-72-1	Hexachloroethane	1700		170	63
78-59-1	Isophorone	2230		700	37
88-75-5	2-Nitrophenol	1900		1700	58
105-67-9	2,4-Dimethylphenol	2050		1700	380
120-83-2	2,4-Dichlorophenol	1920		700	41
111-91-1	Bis(2-chloroethoxy)methane	2130		1700	54
91-20-3	Naphthalene	2000		1700	44
106-47-8	4-Chloroaniline	767	J	1700	45
87-68-3	Hexachlorobutadiene	1940		350	49
105-60-2	Caprolactam	2860		1700	120
59-50-7	4-Chloro-3-methylphenol	1930		1700	74
91-57-6	2-Methylnaphthalene	2170		1700	38
118-74-1	Hexachlorobenzene	1980		170	70
77-47-4	Hexachlorocyclopentadiene	514	J	1700	110
88-06-2	2,4,6-Trichlorophenol	2010		700	49
95-95-4	2,4,5-Trichlorophenol	1980		1700	170
92-52-4	Diphenyl	2280		1700	150
91-58-7	2-Chloronaphthalene	1880		1700	39
88-74-4	2-Nitroaniline	2490		1700	57
606-20-2	2,6-Dinitrotoluene	2650		350	92
131-11-3	Dimethyl phthalate	2520		1700	50
208-96-8	Acenaphthylene	2260		1700	45
99-09-2	3-Nitroaniline	2360		1700	51
83-32-9	Acenaphthene	2120		1700	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MS | Lab Sample ID: 460-104096-35 MS

Matrix: Solid | Lab File ID: z38464.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0021(g) | Date Analyzed: 11/10/2015 12:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3490	J	3500	830
51-28-5	2,4-Dinitrophenol	1860		1400	1300
132-64-9	Dibenzofuran	2060		1700	52
84-66-2	Diethyl phthalate	2420		1700	49
86-73-7	Fluorene	2080		1700	38
206-44-0	Fluoranthene	1950		1700	51
84-74-2	Di-n-butyl phthalate	2320		1700	52
121-14-2	2,4-Dinitrotoluene	2610		350	69
7005-72-3	4-Chlorophenyl phenyl ether	1980		1700	52
100-01-6	4-Nitroaniline	2060		1700	66
534-52-1	4,6-Dinitro-2-methylphenol	2100		1400	460
101-55-3	4-Bromophenyl phenyl ether	1990		1700	55
1912-24-9	Atrazine	4940		700	77
120-12-7	Anthracene	2040		1700	160
86-74-8	Carbazole	2200		1700	43
85-01-8	Phenanthrene	2270		1700	46
87-86-5	Pentachlorophenol	1840		1400	210
129-00-0	Pyrene	2000		1700	79
218-01-9	Chrysene	2180		1700	47
207-08-9	Benzo[k]fluoranthene	1940		170	75
191-24-2	Benzo[g,h,i]perylene	3260		1700	100
205-99-2	Benzo[b]fluoranthene	1820		170	68
50-32-8	Benzo[a]pyrene	2030		170	52
56-55-3	Benzo[a]anthracene	2040		170	140
86-30-6	N-Nitrosodiphenylamine	6760		1700	160
85-68-7	Butyl benzyl phthalate	2340		1700	53
117-81-7	Bis(2-ethylhexyl) phthalate	2140		1700	68
117-84-0	Di-n-octyl phthalate	1650	J	1700	88
193-39-5	Indeno[1,2,3-cd]pyrene	3240		170	120
53-70-3	Dibenz(a,h)anthracene	3010		170	90
91-94-1	3,3'-Dichlorobenzidine	1240		700	190
95-94-3	1,2,4,5-Tetrachlorobenzene	2060		1700	130
58-90-2	2,3,4,6-Tetrachlorophenol	1290	J	1700	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MS | Lab Sample ID: 460-104096-35 MS

Matrix: Solid | Lab File ID: z38464.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0021(g) | Date Analyzed: 11/10/2015 12:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	58		28-92
4165-62-2	Phenol-d5	54		22-88
1718-51-0	Terphenyl-d14	58		16-114
118-79-6	2,4,6-Tribromophenol	44		10-95
367-12-4	2-Fluorophenol	54		21-84
321-60-8	2-Fluorobiphenyl	61		27-84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MSD | Lab Sample ID: 460-104096-35 MSD

Matrix: Solid | Lab File ID: z38465.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0141(g) | Date Analyzed: 11/10/2015 12:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2030		1700	57
95-57-8	2-Chlorophenol	2080		1700	44
95-48-7	2-Methylphenol	2110		1700	75
106-44-5	4-Methylphenol	2060		1700	47
100-52-7	Benzaldehyde	3820		1700	130
98-86-2	Acetophenone	2250		1700	38
111-44-4	Bis(2-chloroethyl)ether	2120		170	41
108-60-1	2,2'-oxybis[1-chloropropane]	2230		1700	71
621-64-7	N-Nitrosodi-n-propylamine	2260		170	58
98-95-3	Nitrobenzene	1980		170	54
67-72-1	Hexachloroethane	1880		170	63
78-59-1	Isophorone	2460		700	37
88-75-5	2-Nitrophenol	2010		1700	58
105-67-9	2,4-Dimethylphenol	2200		1700	380
120-83-2	2,4-Dichlorophenol	2020		700	41
111-91-1	Bis(2-chloroethoxy)methane	2280		1700	54
91-20-3	Naphthalene	2170		1700	44
106-47-8	4-Chloroaniline	687	J	1700	45
87-68-3	Hexachlorobutadiene	2050		350	49
105-60-2	Caprolactam	3860		1700	120
59-50-7	4-Chloro-3-methylphenol	2140		1700	74
91-57-6	2-Methylnaphthalene	2310		1700	38
118-74-1	Hexachlorobenzene	2090		170	70
77-47-4	Hexachlorocyclopentadiene	563	J	1700	110
88-06-2	2,4,6-Trichlorophenol	2060		700	49
95-95-4	2,4,5-Trichlorophenol	2000		1700	170
92-52-4	Diphenyl	2430		1700	150
91-58-7	2-Chloronaphthalene	2050		1700	39
88-74-4	2-Nitroaniline	2820		1700	57
606-20-2	2,6-Dinitrotoluene	2880		350	92
131-11-3	Dimethyl phthalate	2650		1700	50
208-96-8	Acenaphthylene	2360		1700	45
99-09-2	3-Nitroaniline	2670		1700	51
83-32-9	Acenaphthene	2250		1700	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MSD | Lab Sample ID: 460-104096-35 MSD

Matrix: Solid | Lab File ID: z38465.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0141(g) | Date Analyzed: 11/10/2015 12:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	4220		3500	830
51-28-5	2,4-Dinitrophenol	1340	J	1400	1300
132-64-9	Dibenzofuran	2130		1700	52
84-66-2	Diethyl phthalate	2550		1700	49
86-73-7	Fluorene	2140		1700	38
206-44-0	Fluoranthene	2080		1700	51
84-74-2	Di-n-butyl phthalate	2510		1700	52
121-14-2	2,4-Dinitrotoluene	2730		350	69
7005-72-3	4-Chlorophenyl phenyl ether	2080		1700	52
100-01-6	4-Nitroaniline	2330		1700	65
534-52-1	4,6-Dinitro-2-methylphenol	2010		1400	460
101-55-3	4-Bromophenyl phenyl ether	2250		1700	54
1912-24-9	Atrazine	5700		700	77
120-12-7	Anthracene	2190		1700	160
86-74-8	Carbazole	2290		1700	43
85-01-8	Phenanthrene	2360		1700	46
87-86-5	Pentachlorophenol	2060		1400	210
129-00-0	Pyrene	2100		1700	79
218-01-9	Chrysene	2290		1700	47
207-08-9	Benzo[k]fluoranthene	1990		170	75
191-24-2	Benzo[g,h,i]perylene	3510		1700	100
205-99-2	Benzo[b]fluoranthene	1920		170	68
50-32-8	Benzo[a]pyrene	2150		170	52
56-55-3	Benzo[a]anthracene	2120		170	140
86-30-6	N-Nitrosodiphenylamine	7260		1700	160
85-68-7	Butyl benzyl phthalate	2470		1700	53
117-81-7	Bis(2-ethylhexyl) phthalate	2230		1700	68
117-84-0	Di-n-octyl phthalate	1770		1700	88
193-39-5	Indeno[1,2,3-cd]pyrene	3230		170	120
53-70-3	Dibenz(a,h)anthracene	3150		170	90
91-94-1	3,3'-Dichlorobenzidine	1190		700	190
95-94-3	1,2,4,5-Tetrachlorobenzene	2190		1700	130
58-90-2	2,3,4,6-Tetrachlorophenol	1320	J	1700	160

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 MSD | Lab Sample ID: 460-104096-35 MSD

Matrix: Solid | Lab File ID: z38465.D

Analysis Method: 8270D | Date Collected: 11/05/2015 14:37

Extract. Method: 3546 | Date Extracted: 11/09/2015 13:43

Sample wt/vol: 15.0141(g) | Date Analyzed: 11/10/2015 12:51

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334252 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		28-92
4165-62-2	Phenol-d5	59		22-88
1718-51-0	Terphenyl-d14	62		16-114
118-79-6	2,4,6-Tribromophenol	46		10-95
367-12-4	2-Fluorophenol	60		21-84
321-60-8	2-Fluorobiphenyl	64		27-84

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 11/02/2015 14:57

Analysis Batch Number: 332733 End Date: 11/02/2015 21:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-332733/1		11/02/2015 14:57	1	z38184.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-332733/2		11/02/2015 15:12	1	z38185.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-332733/3 IC		11/02/2015 15:43	1	z38186.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-332733/4 IC		11/02/2015 16:06	1	z38187.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-332733/5 IC		11/02/2015 16:29	1	z38188.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-332733/6 IC		11/02/2015 16:53	1	z38189.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-332733/7 IC		11/02/2015 17:16	1	z38190.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332733/8 IC		11/02/2015 17:40	1	z38191.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-332733/9 IC		11/02/2015 18:03	1	z38192.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-332733/10 IC		11/02/2015 18:27	1	z38193.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-332733/11 IC		11/02/2015 18:50	1	z38194.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-332733/12 IC		11/02/2015 19:14	1	z38195.D	Rtxi-5Sil MS 0.25(mm)
STD080 460-332733/13 IC		11/02/2015 19:37	1	z38196.D	Rtxi-5Sil MS 0.25(mm)
STD020 460-332733/14 IC		11/02/2015 20:00	1	z38197.D	Rtxi-5Sil MS 0.25(mm)
STD010 460-332733/15 IC		11/02/2015 20:24	1	z38198.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-332733/16 IC		11/02/2015 20:48	1	z38199.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332733/17 IC		11/02/2015 21:11	1	z38200.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-332733/18		11/02/2015 21:35	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-332733/19		11/02/2015 21:58	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 11/10/2015 06:40

Analysis Batch Number: 334252 End Date: 11/10/2015 15:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334252/1		11/10/2015 06:40	1	z38450.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-334252/2		11/10/2015 06:58	1	z38451.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334252/3		11/10/2015 07:26	1	z38452.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 08:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 08:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 08:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 09:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 10:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 11:17	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 11:41	2		Rtxi-5Sil MS 0.25(mm)
460-104096-35	PRA-2 NW-3.75	11/10/2015 12:04	5	z38463.D	Rtxi-5Sil MS 0.25(mm)
460-104096-35 MS	PRA-2 NW-3.75 MS	11/10/2015 12:27	5	z38464.D	Rtxi-5Sil MS 0.25(mm)
460-104096-35 MSD	PRA-2 NW-3.75 MSD	11/10/2015 12:51	5	z38465.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 13:37	5		Rtxi-5Sil MS 0.25(mm)
460-104096-7	PMP-24-NW2-3.75	11/10/2015 14:56	5	z38468.D	Rtxi-5Sil MS 0.25(mm)
460-104096-8	PMP-24-NW2-DV	11/10/2015 15:19	5	z38469.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 15:48	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 10/19/2015 14:04

Analysis Batch Number: 329806 End Date: 10/19/2015 21:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-329806/1		10/19/2015 14:04	1	L127022.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-329806/2		10/19/2015 14:24	1	L127023.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-329806/3 IC		10/19/2015 14:49	1	L127024.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-329806/4 IC		10/19/2015 15:14	1	L127025.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-329806/5 IC		10/19/2015 15:39	1	L127026.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-329806/6 IC		10/19/2015 16:04	1	L127027.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-329806/7 IC		10/19/2015 16:29	1	L127028.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-329806/8 IC		10/19/2015 16:54	1	L127029.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-329806/9 IC		10/19/2015 17:20	1	L127030.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-329806/10 IC		10/19/2015 17:45	1	L127031.D	Rtxi-5Sil MS 0.25(mm)
STD50 460-329806/11 IC		10/19/2015 18:10	1	L127032.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-329806/12 IC		10/19/2015 18:35	1	L127033.D	Rtxi-5Sil MS 0.25(mm)
STD080 460-329806/13 IC		10/19/2015 19:00	1	L127034.D	Rtxi-5Sil MS 0.25(mm)
STD020 460-329806/14 IC		10/19/2015 19:25	1	L127035.D	Rtxi-5Sil MS 0.25(mm)
STD010 460-329806/15 IC		10/19/2015 19:51	1	L127036.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-329806/16 IC		10/19/2015 20:16	1	L127037.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-329806/17 IC		10/19/2015 20:41	1	L127038.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-329806/18		10/19/2015 21:06	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-329806/19		10/19/2015 21:31	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS12 Start Date: 11/10/2015 02:04

Analysis Batch Number: 334254 End Date: 11/10/2015 12:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334254/1		11/10/2015 02:04	1	L127841.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-334254/2		11/10/2015 03:04	1	L127842.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334254/3		11/10/2015 03:31	1	L127843.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-334135/2-A		11/10/2015 04:49	1	L127846.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-334135/3-A		11/10/2015 05:15	1	L127847.D	Rtxi-5Sil MS 0.25(mm)
MB 460-334135/1-A		11/10/2015 05:41	1	L127848.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 07:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 07:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 08:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 08:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 09:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 09:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/10/2015 10:02	1		Rtxi-5Sil MS 0.25(mm)
460-104096-29	PRA-25 E-1.75	11/10/2015 10:28	1	L127859.D	Rtxi-5Sil MS 0.25(mm)
460-104096-30	PRA-25 E-3.75	11/10/2015 10:54	1	L127860.D	Rtxi-5Sil MS 0.25(mm)
460-104096-31	PRA-25 EE-1.75	11/10/2015 11:20	1	L127861.D	Rtxi-5Sil MS 0.25(mm)
460-104096-32	PRA-25 EE-3.75	11/10/2015 11:46	1	L127862.D	Rtxi-5Sil MS 0.25(mm)
460-104096-33	PRA-6 SE-1.75	11/10/2015 12:12	1	L127863.D	Rtxi-5Sil MS 0.25(mm)
460-104096-34	PRA-5 SE-3.75	11/10/2015 12:38	1	L127864.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 10/29/2015 16:23

Analysis Batch Number: 332084 End Date: 10/30/2015 04:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-332084/1		10/29/2015 16:23	1	M965828.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-332084/2		10/29/2015 17:39	1		Rtxi-5Sil MS 0.25(mm)
STD24 460-332084/3 IC		10/29/2015 18:01	1		Rtxi-5Sil MS 0.25(mm)
STD16 460-332084/4 IC		10/29/2015 18:22	1		Rtxi-5Sil MS 0.25(mm)
STD4 460-332084/5 IC		10/29/2015 18:43	1		Rtxi-5Sil MS 0.25(mm)
STD2 460-332084/6 IC		10/29/2015 19:05	1		Rtxi-5Sil MS 0.25(mm)
STD1 460-332084/7 IC		10/29/2015 19:26	1		Rtxi-5Sil MS 0.25(mm)
STD02 460-332084/8 IC		10/29/2015 21:07	1		Rtxi-5Sil MS 0.25(mm)
STD01 460-332084/9 IC		10/29/2015 21:33	1		Rtxi-5Sil MS 0.25(mm)
STD10 460-332084/10 IC		10/29/2015 22:18	1	M965837.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-332084/11 IC		10/29/2015 22:39	1	M965838.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-332084/12 IC		10/29/2015 23:00	1	M965839.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-332084/13 IC		10/29/2015 23:21	1	M965840.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-332084/14 IC		10/29/2015 23:43	1	M965841.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-332084/15 IC		10/30/2015 00:04	1	M965842.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-332084/16 IC		10/30/2015 00:25	1	M965843.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-332084/17		10/30/2015 00:46	1		Rtxi-5Sil MS 0.25(mm)
ICV 460-332084/18		10/30/2015 01:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 01:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 02:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 03:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2015 04:11	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 11/03/2015 17:06

Analysis Batch Number: 333018 End Date: 11/03/2015 20:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-333018/1		11/03/2015 17:06	1	M966070.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-333018/2		11/03/2015 17:24	1	M966071.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-333018/3 IC		11/03/2015 17:49	1	M966072.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-333018/4 IC		11/03/2015 18:11	1	M966073.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-333018/5 IC		11/03/2015 18:32	1	M966074.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-333018/6 IC		11/03/2015 18:53	1	M966075.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-333018/7 IC		11/03/2015 19:14	1	M966076.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-333018/8 IC		11/03/2015 19:35	1	M966077.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-333018/9 IC		11/03/2015 19:56	1	M966078.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-333018/10		11/03/2015 20:18	1		Rtxi-5Sil MS 0.25(mm)
CCV 460-333018/11		11/03/2015 20:39	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 11/08/2015 08:20

Analysis Batch Number: 333958 End Date: 11/08/2015 16:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-333958/1		11/08/2015 08:20	1	M966314.D	Rtxi-5Sil MS 0.25(mm)
CCVIS 460-333958/2		11/08/2015 08:45	1	M966315.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-333958/3		11/08/2015 09:12	1	M966316.D	Rtxi-5Sil MS 0.25(mm)
MB 460-333717/1-A		11/08/2015 10:44	1	M966318.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-333717/2-A		11/08/2015 11:05	1	M966319.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-333717/3-A		11/08/2015 11:26	1	M966320.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-333717/4-A		11/08/2015 11:47	1	M966321.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-333717/5-A		11/08/2015 12:08	1	M966322.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 12:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 12:51	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 13:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 13:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 13:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 14:15	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 14:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 15:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 15:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 16:01	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 16:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/08/2015 16:43	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAMS6 Start Date: 11/11/2015 16:39

Analysis Batch Number: 334749 End Date: 11/12/2015 04:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-334749/1		11/11/2015 16:39	1	M966460.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-334749/2		11/11/2015 16:58	1	M966461.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-334749/3 IC		11/11/2015 17:19	1	M966462.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-334749/4 IC		11/11/2015 17:40	1	M966463.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-334749/5 IC		11/11/2015 18:02	1	M966464.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-334749/6 IC		11/11/2015 18:23	1	M966465.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-334749/7 IC		11/11/2015 18:44	1	M966466.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-334749/8 IC		11/11/2015 19:05	1	M966467.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-334749/9 IC		11/11/2015 19:26	1	M966468.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-334749/10		11/11/2015 19:48	1	M966469.D	Rtxi-5Sil MS 0.25(mm)
CCV 460-334749/11		11/11/2015 20:09	1	M966470.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 23:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/11/2015 23:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 00:44	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:27	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 01:48	1		Rtxi-5Sil MS 0.25(mm)
460-104096-37	FB_20151105	11/12/2015 02:09	1	M966487.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 02:30	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 03:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 04:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/12/2015 04:38	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 333717 Batch Start Date: 11/06/15 13:27 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00002
MB 460-333717/1		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-333717/2		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCSD 460-333717/3		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	
LCS 460-333717/4		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
LCSD 460-333717/5		3510C, 8270D		7 SU	250 mL	2 mL	<2 SU	>12 SU	20 uL
460-104096-F-37	FB_20151105	3510C, 8270D	T	5 SU	240 mL	2 mL	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00018	OP_BNASurroga 00008				
MB 460-333717/1		3510C, 8270D			200 uL				
LCS 460-333717/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-333717/3		3510C, 8270D		200 uL	200 uL				
LCS 460-333717/4		3510C, 8270D			200 uL				
LCSD 460-333717/5		3510C, 8270D			200 uL				
460-104096-F-37	FB_20151105	3510C, 8270D	T		200 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.: 460-104096-1

SDG No.:

Batch Number: 333717 Batch Start Date: 11/06/15 13:27 Batch Analyst: Tupayachi, Wilber

Batch Method: 3510C Batch End Date:

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	110063
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	1552
Batch Comment	3510C_ 8270D LVI_TCLP
Person's name who did the concentration	WT
N-evap #	222299
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	120 mL
Person's name who did the prep	WT
Uncorrected N-evap Temperature	35 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.: 460-104096-1

SDG No.:

Batch Number: 334135 Batch Start Date: 11/09/15 13:43 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00002	OP_BNA SPIK 00018	OP_BNASurroga 00008	
MB 460-334135/1		3546, 8270D		15.0000 g	1 mL			500 uL	
LCS 460-334135/2		3546, 8270D		15.0000 g	1 mL		500 uL	500 uL	
LCS 460-334135/3		3546, 8270D		15.0000 g	1 mL	50 uL		500 uL	
460-104096-F-35 MS	PRA-2 NW-3.75	3546, 8270D	T	15.0021 g	1 mL	50 uL	500 uL	500 uL	
460-104096-F-35 MSD	PRA-2 NW-3.75	3546, 8270D	T	15.0141 g	1 mL	50 uL	500 uL	500 uL	
460-104096-F-35	PRA-2 NW-3.75	3546, 8270D	T	15.0347 g	1 mL			500 uL	
460-104096-F-7	PMP-24-NW2-3.75	3546, 8270D	T	15.0443 g	1 mL			500 uL	
460-104096-F-8	PMP-24-NW2-DV	3546, 8270D	T	15.0198 g	1 mL			500 uL	
460-104096-G-29	PRA-25 E-1.75	3546, 8270D	T	15.0038 g	1 mL			500 uL	
460-104096-E-30	PRA-25 E-3.75	3546, 8270D	T	15.0113 g	1 mL			500 uL	
460-104096-E-31	PRA-25 EE-1.75	3546, 8270D	T	15.0144 g	1 mL			500 uL	
460-104096-F-32	PRA-25 EE-3.75	3546, 8270D	T	15.0127 g	1 mL			500 uL	
460-104096-F-33	PRA-6 SE-1.75	3546, 8270D	T	15.0544 g	1 mL			500 uL	
460-104096-F-34	PRA-5 SE-3.75	3546, 8270D	T	15.0234 g	1 mL			500 uL	

Batch Notes	
Balance ID	30
Batch Comment	BNA SOIL 8270D
Final Concentrator Volume	1 mL
MeCl2/Acetone Lot #	116983
Microwave Start Time	1800
Microwave Stop Time	1830
Na2SO4 Lot Number	433101
Person's name who did the prep	FW
Person who performed Spike	FW
Water Bath Temperature	38C (38C UNCORRECTED)

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.: 460-104096-1

SDG No.:

Batch Number: 334135 Batch Start Date: 11/09/15 13:43 Batch Analyst: Windham, Frank H

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

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-10-NW2-WT	460-104096-1	148	D	136	D
PMP-2-NW2-WT	460-104096-2	0 X	D	0 X	D
PMP-2-NW2-S	460-104096-3	144	D	89 p	D
PMP-2-NW2-12.75	460-104096-4	121		106	
PMP-23-NW2-V	460-104096-5	113		101	
PMP-24-NW2-V	460-104096-6	0 X	D	0 X	D
PMP-24-NW2-3.75	460-104096-7	0 X	D	0 X	D
PMP-24-NW2-DV	460-104096-8	0 X	D	0 X	D
PMP-24-NW2-WT	460-104096-9	0 X	D	0 X	D
PMP-24-NW2-S	460-104096-10	0 X	D	0 X	D
PMP-24-NW2-12.75	460-104096-11	0 X	D	0 X	D
PMP-4-NW2-V	460-104096-12	109		90	
PMP-5-NW2-WT	460-104096-13	136	D	118	D
PMP-5-NW2-S	460-104096-14	121	D	84	D
PMP-5-NW2-12.75	460-104096-15	142	D	108	D
PMP-6-NW2-WT	460-104096-16	0 X	D	0 X	D
PMP-6-NW2-S	460-104096-17	142	D	113	D
PMP-6-NW2-12.75	460-104096-18	114		102	
PMP-7-NW2-0.75	460-104096-19	114		98	
PMP-7-NW2-DV	460-104096-20	123	D	106	D
PMP-7-NW2-5.25	460-104096-21	136	D	138	D
PMP-7-NW2-WT	460-104096-22	0 X	D	0 X	D
PMP-7-NW2-S	460-104096-23	0 X	D	0 X	D
PMP-7-NW2-12.75	460-104096-24	97		94	
PMP-8-NW2-V	460-104096-25	113	D	88	D
PMP-9-NW2-WT	460-104096-26	0 X	D	0 X	D
PMP-9-NW2-S	460-104096-27	133	D	108	D
PMP-9-NW2-12.75	460-104096-28	96		95	
PRA-25 E-1.75	460-104096-29	101		95	
PRA-25 E-3.75	460-104096-30	81	D	91	D
PRA-25 EE-1.75	460-104096-31	64		80	
PRA-25 EE-3.75	460-104096-32	74		86	
PRA-6 SE-1.75	460-104096-33	86		70	
PRA-5 SE-3.75	460-104096-34	78	D	89	D
PRA-2 NW-3.75	460-104096-35	88	D	78	D

QC LIMITS

DCB = DCB Decachlorobiphenyl 47-150

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

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	#
DUP_2015_11_05	460-104096-36	80	D	69	D
	MB 460-334079/1-A	122		128	
	MB 460-334269/1-A	115		104	
	MB 460-334271/1-A	105		124	
	LCS 460-334079/2-A	113		100	
	LCS 460-334269/2-A	114		96	
	LCS 460-334271/2-A	108		97	
PMP-10-NW2-WT MS	460-104096-1 MS	122	D	131	D
	460-103656-F-10-C MS	77		80	
	460-103944-A-9-I MS	100		91	
PMP-10-NW2-WT MSD	460-104096-1 MSD	113	D	126	D
	460-103656-F-10-D MSD	77		72	
	460-103944-A-9-J MSD	104		89	

	QC LIMITS
DCB = DCB Decachlorobiphenyl	47-150

Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

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_20151105	460-104096-37	93	70
	MB 460-333841/1-A	92	79
	LCS 460-333841/2-A	81	72
	LCSD 460-333841/3-A	88	78

	QC LIMITS
DCB = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 8F008207.D

Lab ID: LCS 460-333841/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	4.00	3.59	90	74-150	
Aroclor 1016	4.00	3.52	88	74-150	
Aroclor 1260	4.00	3.40	85	65-150	
Aroclor 1260	4.00	3.84	96	65-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504370.D

Lab ID: LCS 460-334079/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	307	92	70-149	
Aroclor 1016	333	356	107	70-149	
Aroclor 1260	333	333	100	71-150	
Aroclor 1260	333	398	119	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 8F008332.D

Lab ID: LCS 460-334269/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	278	83	70-149	
Aroclor 1016	333	283	85	70-149	
Aroclor 1260	333	263	79	71-150	
Aroclor 1260	333	260	78	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504413.D

Lab ID: LCS 460-334271/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	275	82	70-149	
Aroclor 1016	333	306	92	70-149	
Aroclor 1260	333	277	83	71-150	
Aroclor 1260	333	327	98	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 8F008208.D

Lab ID: LCSD 460-333841/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	4.00	3.77	94	7	30	74-150	
Aroclor 1016	4.00	4.04	101	12	30	74-150	
Aroclor 1260	4.00	3.81	95	11	30	65-150	
Aroclor 1260	4.00	4.24	106	10	30	65-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 8F008333.D

Lab ID: 460-104096-1 MS Client ID: PMP-10-NW2-WT MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	349	93 U	6650	1904	70-149	F1
Aroclor 1016	349	93 U	3690	1057	70-149	F1 p
Aroclor 1260	349	1000	1590	160	71-150	F1
Aroclor 1260	349	1500	1050	-139	71-150	p 4

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504393.D

Lab ID: 460-103656-F-10-C MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	364	9.7 U	273	75	70-149	
Aroclor 1016	364	9.7 U	286	79	70-149	
Aroclor 1260	364	10 U	291	80	71-150	
Aroclor 1260	364	10 U	281	77	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504414.D

Lab ID: 460-103944-A-9-I MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	369	9.8 U	395	107	70-149	
Aroclor 1016	369	9.8 U	445	121	70-149	
Aroclor 1260	369	10 U	301	82	71-150	
Aroclor 1260	369	10 U	329	89	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 8F008334.D

Lab ID: 460-104096-1 MSD Client ID: PMP-10-NW2-WT MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	349	4520	1296	20	30	70-149	F1
Aroclor 1016	349	3360	962	66	30	70-149	F1 F2
Aroclor 1260	349	1580	158	0	30	71-150	F1
Aroclor 1260	349	929	-173	12	30	71-150	p 4

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504394.D

Lab ID: 460-103656-F-10-D MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	365	257	71	6	30	70-149	
Aroclor 1016	365	265	73	7	30	70-149	
Aroclor 1260	365	261	71	7	30	71-150	
Aroclor 1260	365	272	75	7	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: VR504415.D

Lab ID: 460-103944-A-9-J MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	369	359	97	10	30	70-149	
Aroclor 1016	369	415	112	7	30	70-149	
Aroclor 1260	369	291	79	3	30	71-150	
Aroclor 1260	369	336	91	2	30	71-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: MB 460-333841/1-A

Matrix: Water Date Extracted: 11/07/2015 07:16

Lab File ID:(1) 8F008206.D Lab File ID:(2) 8F008206.D

Date Analyzed:(1) 11/08/2015 16:42 Date Analyzed:(2) 11/08/2015 16:42

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 460-333841/2-A	11/08/2015 17:00	11/08/2015 17:00
	LCSD 460-333841/3-A	11/08/2015 17:17	11/08/2015 17:17
FB_20151105	460-104096-37	11/08/2015 22:58	11/08/2015 22:58

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: MB 460-334079/1-A

Matrix: Solid Date Extracted: 11/09/2015 10:28

Lab File ID:(1) VR504369.D Lab File ID:(2) VR504369.D

Date Analyzed:(1) 11/09/2015 22:30 Date Analyzed:(2) 11/09/2015 22:30

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 460-334079/2-A	11/09/2015 22:46	11/09/2015 22:46
PRA-25 EE-1.75	460-104096-31	11/10/2015 03:21	11/10/2015 03:21
PRA-25 EE-3.75	460-104096-32	11/10/2015 08:37	11/10/2015 08:37
PRA-6 SE-1.75	460-104096-33	11/10/2015 08:52	11/10/2015 08:52

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: MB 460-334269/1-A

Matrix: Solid Date Extracted: 11/10/2015 04:54

Lab File ID:(1) 8F008331.D Lab File ID:(2) 8F008331.D

Date Analyzed:(1) 11/11/2015 01:18 Date Analyzed:(2) 11/11/2015 01:18

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
PMP-2-NW2-12.75	460-104096-4	11/10/2015 17:50	11/10/2015 17:50
PMP-23-NW2-V	460-104096-5	11/10/2015 18:07	11/10/2015 18:07
PMP-4-NW2-V	460-104096-12	11/10/2015 20:00	11/10/2015 20:00
PMP-7-NW2-0.75	460-104096-19	11/10/2015 21:50	11/10/2015 21:50
	LCS 460-334269/2-A	11/11/2015 01:33	11/11/2015 01:33
PMP-10-NW2-WT MS	460-104096-1 MS	11/11/2015 01:49	11/11/2015 01:49
PMP-10-NW2-WT MSD	460-104096-1 MSD	11/11/2015 02:05	11/11/2015 02:05
PMP-10-NW2-WT	460-104096-1	11/11/2015 02:20	11/11/2015 02:20
PMP-2-NW2-S	460-104096-3	11/11/2015 02:52	11/11/2015 02:52
PMP-5-NW2-WT	460-104096-13	11/11/2015 05:29	11/11/2015 05:29
PMP-5-NW2-12.75	460-104096-15	11/11/2015 06:00	11/11/2015 06:00
PMP-6-NW2-S	460-104096-17	11/11/2015 06:34	11/11/2015 06:34
PMP-6-NW2-12.75	460-104096-18	11/11/2015 06:51	11/11/2015 06:51
PMP-7-NW2-DV	460-104096-20	11/11/2015 07:25	11/11/2015 07:25
PMP-2-NW2-WT	460-104096-2	11/11/2015 11:45	11/11/2015 11:45
PMP-24-NW2-V	460-104096-6	11/11/2015 12:02	11/11/2015 12:02
PMP-24-NW2-3.75	460-104096-7	11/11/2015 12:18	11/11/2015 12:18
PMP-24-NW2-DV	460-104096-8	11/11/2015 13:25	11/11/2015 13:25
PMP-24-NW2-WT	460-104096-9	11/11/2015 13:41	11/11/2015 13:41
PMP-24-NW2-S	460-104096-10	11/11/2015 13:58	11/11/2015 13:58
PMP-24-NW2-12.75	460-104096-11	11/11/2015 14:15	11/11/2015 14:15
PMP-5-NW2-S	460-104096-14	11/11/2015 14:31	11/11/2015 14:31
PMP-6-NW2-WT	460-104096-16	11/11/2015 14:47	11/11/2015 14:47

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: MB 460-334271/1-A

Matrix: Solid Date Extracted: 11/10/2015 05:01

Lab File ID:(1) VR504412.D Lab File ID:(2) VR504412.D

Date Analyzed:(1) 11/10/2015 17:34 Date Analyzed:(2) 11/10/2015 17:34

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 460-334271/2-A	11/10/2015 17:49	11/10/2015 17:49
	460-103944-A-9-I MS	11/10/2015 18:05	11/10/2015 18:05
	460-103944-A-9-J MSD	11/10/2015 18:21	11/10/2015 18:21
PMP-7-NW2-12.75	460-104096-24	11/10/2015 20:43	11/10/2015 20:43
PMP-9-NW2-12.75	460-104096-28	11/10/2015 21:46	11/10/2015 21:46
PRA-25 E-1.75	460-104096-29	11/10/2015 22:02	11/10/2015 22:02
PMP-7-NW2-5.25	460-104096-21	11/11/2015 09:22	11/11/2015 09:22
PMP-7-NW2-WT	460-104096-22	11/11/2015 09:37	11/11/2015 09:37
PMP-8-NW2-V	460-104096-25	11/11/2015 10:09	11/11/2015 10:09
PMP-9-NW2-WT	460-104096-26	11/11/2015 10:25	11/11/2015 10:25
PMP-9-NW2-S	460-104096-27	11/11/2015 10:40	11/11/2015 10:40
PMP-7-NW2-S	460-104096-23	11/11/2015 11:01	11/11/2015 11:01

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333978/2 Date Analyzed: 11/08/2015 15:44

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 8F008205.D Heated Purge: (Y/N) N

Calibration ID: 51623

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3189093	1.69				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-333841/1-A		3680436	1.70				
LCS 460-333841/2-A		3926485	1.69				
LCSD 460-333841/3-A		3868286	1.69				
460-104096-37	FB_20151105	4121686	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-333978/2 Date Analyzed: 11/08/2015 15:44

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): 8F008205.D Heated Purge: (Y/N) N

Calibration ID: 51624

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2082011	1.47				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-333841/1-A		2505501	1.47				
LCS 460-333841/2-A		2669348	1.47				
LCSD 460-333841/3-A		2600170	1.47				
460-104096-37	FB_20151105	2670338	1.47				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334446/2 Date Analyzed: 11/10/2015 15:25

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 8F008297.D Heated Purge: (Y/N) N

Calibration ID: 51623

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3031672	1.69				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-4	PMP-2-NW2-12.75	3153699	1.69				
460-104096-5	PMP-23-NW2-V	3165848	1.69				
460-104096-12	PMP-4-NW2-V	3383789	1.69				
460-104096-19	PMP-7-NW2-0.75	3525725	1.69				
CCV 460-334446/28		3326131	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334446/2 Date Analyzed: 11/10/2015 15:25

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): 8F008297.D Heated Purge: (Y/N) N

Calibration ID: 51624

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2023623	1.47				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-4	PMP-2-NW2-12.75	2165023	1.47				
460-104096-5	PMP-23-NW2-V	2263206	1.47				
460-104096-12	PMP-4-NW2-V	2334436	1.47				
460-104096-19	PMP-7-NW2-0.75	2426849	1.47				
CCV 460-334446/28		2168332	1.47				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334446/35 Date Analyzed: 11/11/2015 00:28

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 8F008330.D Heated Purge: (Y/N) N

Calibration ID: 51623

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3154965	1.69				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334269/1-A		3643069	1.69				
LCS 460-334269/2-A		3614985	1.69				
460-104096-1 MS	PMP-10-NW2-WT MS	2853843	1.70				
460-104096-1 MSD	PMP-10-NW2-WT MSD	2817730	1.70				
460-104096-1	PMP-10-NW2-WT	2786345	1.70				
460-104096-3	PMP-2-NW2-S	3253933	1.69				
460-104096-13	PMP-5-NW2-WT	3420881	1.69				
460-104096-15	PMP-5-NW2-12.75	3181889	1.69				
460-104096-17	PMP-6-NW2-S	3204388	1.69				
460-104096-18	PMP-6-NW2-12.75	3658364	1.69				
460-104096-20	PMP-7-NW2-DV	3339681	1.69				
CCV 460-334446/61		3520609	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334446/35 Date Analyzed: 11/11/2015 00:28

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): 8F008330.D Heated Purge: (Y/N) N

Calibration ID: 51624

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2106752	1.47				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334269/1-A		2656375	1.47				
LCS 460-334269/2-A		2497455	1.47				
460-104096-1 MS	PMP-10-NW2-WT MS	3002399	1.48				
460-104096-1 MSD	PMP-10-NW2-WT MSD	3097358	1.48				
460-104096-1	PMP-10-NW2-WT	2534118	1.48				
460-104096-3	PMP-2-NW2-S	2150169	1.47				
460-104096-13	PMP-5-NW2-WT	2274323	1.47				
460-104096-15	PMP-5-NW2-12.75	2155625	1.47				
460-104096-17	PMP-6-NW2-S	2274597	1.47				
460-104096-18	PMP-6-NW2-12.75	2617196	1.47				
460-104096-20	PMP-7-NW2-DV	2316389	1.47				
CCV 460-334446/61		2466290	1.47				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334643/2 Date Analyzed: 11/11/2015 09:07

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 8F008359.D Heated Purge: (Y/N) N

Calibration ID: 51623

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3276268	1.69				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-2	PMP-2-NW2-WT	3206385	1.69				
460-104096-6	PMP-24-NW2-V	3283485	1.69				
460-104096-7	PMP-24-NW2-3.75	3390292	1.69				
460-104096-8	PMP-24-NW2-DV	3371376	1.69				
460-104096-9	PMP-24-NW2-WT	3439822	1.69				
460-104096-10	PMP-24-NW2-S	3742980	1.69				
460-104096-11	PMP-24-NW2-12.75	3718665	1.69				
460-104096-14	PMP-5-NW2-S	3323763	1.69				
460-104096-16	PMP-6-NW2-WT	3278724	1.69				
CCV 460-334643/18		3423292	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334643/2 Date Analyzed: 11/11/2015 09:07

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): 8F008359.D Heated Purge: (Y/N) N

Calibration ID: 51624

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2334309	1.47				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-2	PMP-2-NW2-WT	2587841	1.47				
460-104096-6	PMP-24-NW2-V	2204921	1.47				
460-104096-7	PMP-24-NW2-3.75	2226438	1.47				
460-104096-8	PMP-24-NW2-DV	2714080	1.47				
460-104096-9	PMP-24-NW2-WT	2352516	1.47				
460-104096-10	PMP-24-NW2-S	2574093	1.47				
460-104096-11	PMP-24-NW2-12.75	2499975	1.47				
460-104096-14	PMP-5-NW2-S	2191205	1.47				
460-104096-16	PMP-6-NW2-WT	2263258	1.47				
CCV 460-334643/18		2612547	1.47				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334219/3 Date Analyzed: 11/09/2015 21:46

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR504368.D Heated Purge: (Y/N) N

Calibration ID: 52552

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1290062	1.65				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334079/1-A		1216460	1.65				
LCS 460-334079/2-A		1697201	1.64				
460-104096-31	PRA-25 EE-1.75	1195883	1.65				
460-104096-32	PRA-25 EE-3.75	1117163	1.64				
460-104096-33	PRA-6 SE-1.75	1762442	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334219/3 Date Analyzed: 11/09/2015 21:46

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR504368.D Heated Purge: (Y/N) N

Calibration ID: 52553

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2438037	1.43				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334079/1-A		2188508	1.43				
LCS 460-334079/2-A		2533482	1.43				
460-104096-31	PRA-25 EE-1.75	2462072	1.42				
460-104096-32	PRA-25 EE-3.75	2199179	1.42				
460-104096-33	PRA-6 SE-1.75	2519018	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334363/1 Date Analyzed: 11/10/2015 10:31

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR504389.D Heated Purge: (Y/N) N

Calibration ID: 52552

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1557225	1.65				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-103656-F-10-C MS		1729185	1.65				
460-103656-F-10-D MSD		1739211	1.65				
460-104096-30	PRA-25 E-3.75	1645717	1.65				
460-104096-34	PRA-5 SE-3.75	1453026	1.65				
460-104096-35	PRA-2 NW-3.75	1597418	1.65				
460-104096-36	DUP_2015_11_05	1701132	1.65				
CCV 460-334363/20		1754154	1.65				
CCV 460-334363/22		1277450	1.65				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334363/1 Date Analyzed: 11/10/2015 10:31

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR504389.D Heated Purge: (Y/N) N

Calibration ID: 52553

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3117545	1.43				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-103656-F-10-C MS		3173850	1.43				
460-103656-F-10-D MSD		2795558	1.43				
460-104096-30	PRA-25 E-3.75	2863496	1.43				
460-104096-34	PRA-5 SE-3.75	2927946	1.43				
460-104096-35	PRA-2 NW-3.75	2403025	1.43				
460-104096-36	DUP_2015_11_05	2850508	1.43				
CCV 460-334363/20		2458510	1.43				
CCV 460-334363/22		2461142	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334464/1 Date Analyzed: 11/10/2015 17:16

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR504411.D Heated Purge: (Y/N) N

Calibration ID: 52552

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1692944	1.65				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334271/1-A		1328772	1.65				
LCS 460-334271/2-A		1725683	1.64				
460-103944-A-9-I MS		1812012	1.64				
460-103944-A-9-J MSD		1907617	1.64				
460-104096-24	PMP-7-NW2-12.75	1828755	1.64				
460-104096-28	PMP-9-NW2-12.75	1708048	1.64				
460-104096-29	PRA-25 E-1.75	1745532	1.64				
CCV 460-334464/28		1955629	1.65				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334464/1 Date Analyzed: 11/10/2015 17:16

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR504411.D Heated Purge: (Y/N) N

Calibration ID: 52553

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3203681	1.43				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-334271/1-A		2468169	1.43				
LCS 460-334271/2-A		2506444	1.43				
460-103944-A-9-I MS		2641627	1.43				
460-103944-A-9-J MSD		2681239	1.43				
460-104096-24	PMP-7-NW2-12.75	2866656	1.43				
460-104096-28	PMP-9-NW2-12.75	2726156	1.43				
460-104096-29	PRA-25 E-1.75	2604477	1.43				
CCV 460-334464/28		2588419	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334642/1 Date Analyzed: 11/11/2015 08:19

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): VR504453.D Heated Purge: (Y/N) N

Calibration ID: 52552

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1560864	1.64				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-21	PMP-7-NW2-5.25	1190133	1.64				
460-104096-22	PMP-7-NW2-WT	1800285	1.64				
460-104096-25	PMP-8-NW2-V	1864142	1.64				
460-104096-26	PMP-9-NW2-WT	1800128	1.64				
460-104096-27	PMP-9-NW2-S	1775540	1.65				
460-104096-23	PMP-7-NW2-S	1280972	1.65				
CCV 460-334642/19		1426068	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Sample No.: CCVIS 460-334642/1 Date Analyzed: 11/11/2015 08:19

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): VR504453.D Heated Purge: (Y/N) N

Calibration ID: 52553

		BNB					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2882241	1.42				
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-104096-21	PMP-7-NW2-5.25	2248560	1.42				
460-104096-22	PMP-7-NW2-WT	2611858	1.43				
460-104096-25	PMP-8-NW2-V	2682992	1.43				
460-104096-26	PMP-9-NW2-WT	2769132	1.43				
460-104096-27	PMP-9-NW2-S	2636918	1.43				
460-104096-23	PMP-7-NW2-S	2272897	1.43				
CCV 460-334642/19		2911495	1.43				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8082A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT Lab Sample ID: 460-104096-1

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 02:20 Date Analyzed (2): 11/11/2015 02:20

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 1242	1	1	2.57	2.49	2.63	1840	6200	16.6
		2	2.97	2.89	3.03	8120		
		3	3.49	3.41	3.55	7700		
		4	3.64	3.57	3.71	5360		
		5	4.12	4.05	4.19	7990		
	2	1	3.32	3.24	3.38	2200	7300	
		2	3.83	3.76	3.90	9420		
		3	4.41	4.33	4.47	8760		
		4	4.58	4.51	4.65	6000		
		5	5.75	5.68	5.82	10200		
Aroclor 1260	1	1	5.60	5.53	5.67	1130	1000	39.3
		2	7.12	7.04	7.18	1160		
		3	7.79	7.72	7.86	1180		
		4	8.45	8.38	8.52	847		
		5	9.82	9.77	9.91	827		
	2	1	7.31	7.17	7.31	1230	1500	
		2	7.71	7.65	7.79	1580		
		3	9.55	9.49	9.63	1600		
		4	9.95	9.90	10.04	1730		
		5	10.96	10.93	11.07	1540		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MS Lab Sample ID: 460-104096-1 MS

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 01:49 Date Analyzed (2): 11/11/2015 01:49

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.57	2.49	2.63	1510	3690	57.2
		2	2.97	2.89	3.03	4950		
		3	3.49	3.41	3.55	4680		
		4	3.64	3.57	3.71	2940		
		5	4.12	4.05	4.19	4360		
	2	1	3.31	3.24	3.38	2100	6650	
		2	3.83	3.76	3.90	7840		
		3	4.40	4.34	4.48	7430		
		4	5.17	5.10	5.24	7630		
		5	5.33	5.26	5.40	8230		
Aroclor 1260	1	1	5.60	5.53	5.67	1170	1050	41.0
		2	7.11	7.04	7.18	1180		
		3	7.79	7.72	7.86	1160		
		4	8.45	8.38	8.52	911		
		5	9.82	9.77	9.91	827		
	2	1	7.30	7.17	7.31	1130	1590	
		2	7.71	7.65	7.79	1660		
		3	9.55	9.49	9.63	1400		
		4	9.95	9.90	10.04	1830		
		5	10.94	10.93	11.07	1930		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MSD Lab Sample ID: 460-104096-1 MSD

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 02:05 Date Analyzed (2): 11/11/2015 02:05

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.57	2.49	2.63	1580	3360	29.6
		2	2.97	2.89	3.03	4320		
		3	3.49	3.41	3.55	3980		
		4	3.64	3.57	3.71	2540		
		5	4.12	4.05	4.19	4370		
	2	1	3.31	3.24	3.38	1870	4520	
		2	3.83	3.76	3.90	7040		
		3	4.40	4.34	4.48	6560		
		5	5.33	5.26	5.40	7130		
Aroclor 1260	1	1	5.60	5.53	5.67	951	929	52.0
		2	7.12	7.04	7.18	1090		
		3	7.79	7.72	7.86	1070		
		4	8.45	8.38	8.52	788		
		5	9.82	9.77	9.91	746		
	2	1	7.30	7.17	7.31	951	1580	
		2	7.71	7.65	7.79	1590		
		3	9.55	9.49	9.63	1670		
		4	9.95	9.90	10.04	1890		
		5	10.96	10.93	11.07	1810		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-WT Lab Sample ID: 460-104096-2

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 11:45 Date Analyzed (2): 11/11/2015 11:45

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	161000	150000	1.3
		2	2.95	2.89	3.03	167000		
		3	3.48	3.41	3.55	155000		
		4	3.63	3.57	3.71	143000		
		5	4.12	4.05	4.19	134000		
	2	1	3.32	3.24	3.38	152000	150000	
		2	3.84	3.76	3.90	149000		
		3	4.41	4.33	4.47	152000		
		4	4.58	4.51	4.65	150000		
		5	5.76	5.68	5.82	146000		
Aroclor 1260	1	1	5.60	5.53	5.67	22300	20000	6.4
		2	7.11	7.04	7.18	19200		
		3	7.78	7.72	7.86	19800		
		4	8.45	8.38	8.52	19800		
	2	1	7.25	7.17	7.31	21800	22000	
		2	7.73	7.65	7.79	24500		
		3	9.57	9.49	9.63	21200		
		4	9.98	9.90	10.04	18800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-S Lab Sample ID: 460-104096-3

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 02:52 Date Analyzed (2): 11/11/2015 02:52

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.57	2.49	2.63	80200	83000	13.7
		2	2.96	2.89	3.03	85600		
		4	3.64	3.57	3.71	86500		
		5	4.12	4.05	4.19	79800		
	2	1	3.31	3.24	3.38	75400	72000	
		2	3.83	3.76	3.90	70700		
		3	4.40	4.33	4.47	69600		
		4	4.57	4.51	4.65	68400		
		5	5.75	5.68	5.82	77800		
Aroclor 1260	1	1	5.60	5.53	5.67	13400	14000	9.6
		2	7.12	7.04	7.18	13200		
		3	7.79	7.72	7.86	15000		
		4	8.45	8.38	8.52	12200		
		5	9.83	9.77	9.91	17400		
	2	1	7.30	7.17	7.31	8100	13000	
		2	7.71	7.65	7.79	13500		
		3	9.55	9.49	9.63	13900		
		4	9.95	9.90	10.04	14800		
		5	10.95	10.93	11.07	14500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-12.75 Lab Sample ID: 460-104096-4

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/10/2015 17:50 Date Analyzed (2): 11/10/2015 17:50

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	2.56	2.49	2.63	213	230	5.4
		2	2.96	2.89	3.03	328		
		3	3.48	3.41	3.55	212		
		4	3.64	3.57	3.71	195		
		5	4.12	4.05	4.19	217		
	2	1	3.31	3.24	3.38	317	220	
		2	3.83	3.76	3.90	208		
		3	4.41	4.33	4.47	192		
		4	4.58	4.51	4.65	179		
		5	5.76	5.68	5.82	208		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-V Lab Sample ID: 460-104096-6

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 12:02 Date Analyzed (2): 11/11/2015 12:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	186000	360000	19.8
		2	2.96	2.89	3.03	526000		
		3	3.48	3.41	3.55	418000		
		4	3.64	3.57	3.71	305000		
		5	4.12	4.05	4.19	376000		
	2	1	3.31	3.24	3.38	152000	300000	
		2	3.83	3.76	3.90	407000		
		3	4.41	4.33	4.47	344000		
		4	4.58	4.51	4.65	273000		
		5	5.75	5.68	5.82	309000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 Lab Sample ID: 460-104096-7

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 12:18 Date Analyzed (2): 11/11/2015 12:18

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	1830000	1800000	17.0
		2	2.96	2.89	3.03	1850000		
		3	3.48	3.41	3.55	1820000		
		4	3.64	3.57	3.71	1800000		
		5	4.12	4.05	4.19	1470000		
	2	1	3.31	3.24	3.38	1720000	1500000	
		2	3.83	3.76	3.90	1490000		
		3	4.40	4.33	4.47	1400000		
		4	4.57	4.51	4.65	1430000		
		5	5.75	5.68	5.82	1340000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV Lab Sample ID: 460-104096-8

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 13:25 Date Analyzed (2): 11/11/2015 13:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	1770000	1600000	4.7
		2	2.96	2.89	3.03	1750000		
		3	3.48	3.41	3.55	1630000		
		4	3.63	3.57	3.71	1500000		
		5	4.12	4.05	4.19	1310000		
	2	1	3.31	3.24	3.38	1770000	1700000	
		2	3.84	3.76	3.90	1630000		
		3	4.41	4.33	4.47	1630000		
		4	4.58	4.51	4.65	1660000		
		5	5.76	5.68	5.82	1650000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT Lab Sample ID: 460-104096-9

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 13:41 Date Analyzed (2): 11/11/2015 13:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	404000	380000	9.1
		2	2.96	2.89	3.03	420000		
		3	3.48	3.41	3.55	398000		
		4	3.64	3.57	3.71	391000		
		5	4.12	4.05	4.19	307000		
	2	1	3.31	3.24	3.38	418000	350000	
		2	3.83	3.76	3.90	381000		
		3	4.40	4.33	4.47	334000		
		4	4.57	4.51	4.65	325000		
		5	5.75	5.68	5.82	294000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S Lab Sample ID: 460-104096-10

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 13:58 Date Analyzed (2): 11/11/2015 13:58

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	2.56	2.49	2.63	439000	480000	10.3
		2	2.96	2.89	3.03	514000		
		3	3.48	3.41	3.55	497000		
		4	3.64	3.57	3.71	495000		
		5	4.12	4.05	4.19	467000		
	2	1	3.31	3.24	3.38	460000	440000	
		2	3.83	3.76	3.90	439000		
		3	4.40	4.33	4.47	418000		
		4	4.57	4.51	4.65	423000		
		5	5.75	5.68	5.82	435000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 Lab Sample ID: 460-104096-11

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 14:15 Date Analyzed (2): 11/11/2015 14:15

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	971000	1100000	16.6
		2	2.96	2.89	3.03	1060000		
		3	3.48	3.41	3.55	1090000		
		4	3.64	3.57	3.71	1080000		
		5	4.12	4.05	4.19	1060000		
	2	1	3.31	3.24	3.38	937000	890000	
		2	3.83	3.76	3.90	860000		
		3	4.40	4.33	4.47	853000		
		4	4.58	4.51	4.65	867000		
		5	5.75	5.68	5.82	929000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-4-NW2-V Lab Sample ID: 460-104096-12

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/10/2015 20:00 Date Analyzed (2): 11/10/2015 20:00

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	2.56	2.49	2.63	974	1000	10.0
		2	2.96	2.89	3.03	1090		
		3	3.48	3.41	3.55	1070		
		4	3.64	3.57	3.71	1040		
		5	4.12	4.05	4.19	950		
	2	1	3.31	3.24	3.38	1130	930	
		2	3.83	3.76	3.90	913		
		3	4.40	4.33	4.47	869		
		4	4.58	4.51	4.65	848		
		5	5.75	5.68	5.82	867		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT Lab Sample ID: 460-104096-13

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 05:29 Date Analyzed (2): 11/11/2015 05:29

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 1242	1	1	2.56	2.49	2.63	47400	50000	14.1
		2	2.96	2.89	3.03	50400		
		3	3.48	3.41	3.55	53100		
		4	3.64	3.57	3.71	52800		
		5	4.12	4.05	4.19	48100		
	2	1	3.31	3.24	3.38	45200	44000	
		2	3.83	3.76	3.90	42900		
		3	4.40	4.33	4.47	42000		
		4	4.57	4.51	4.65	42400		
		5	5.75	5.68	5.82	46100		
Aroclor 1260	1	1	5.60	5.53	5.67	6960	6900	3.4
		2	7.12	7.04	7.18	7110		
		3	7.79	7.72	7.86	7530		
		4	8.46	8.38	8.52	5970		
		5	9.83	9.77	9.91	7030		
	2	1	7.30	7.17	7.31	4650	6700	
		2	7.71	7.65	7.79	7040		
		3	9.55	9.49	9.63	7330		
		4	9.96	9.90	10.04	7660		
		5	10.96	10.93	11.07	6760		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S Lab Sample ID: 460-104096-14

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 14:31 Date Analyzed (2): 11/11/2015 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	2.56	2.49	2.63	22000	26000	15.2
		2	2.96	2.89	3.03	26900		
		3	3.48	3.41	3.55	28400		
		4	3.64	3.57	3.71	28200		
		5	4.12	4.05	4.19	26200		
	2	1	3.31	3.24	3.38	22300	23000	
		2	3.83	3.76	3.90	22300		
		3	4.40	4.33	4.47	21900		
		4	4.57	4.51	4.65	21700		
		5	5.75	5.68	5.82	24900		
Aroclor 1260	1	1	5.60	5.53	5.67	3320	3400	5.0
		2	7.11	7.04	7.18	3430		
		3	7.79	7.72	7.86	3490		
		4	8.45	8.38	8.52	3070		
		5	9.83	9.76	9.90	3630		
	2	1	7.24	7.17	7.31	3770	3600	
		2	7.71	7.65	7.79	3500		
		3	9.55	9.49	9.63	3620		
		4	9.96	9.90	10.04	3900		
		5	10.98	10.92	11.06	3020		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 Lab Sample ID: 460-104096-15

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 06:00 Date Analyzed (2): 11/11/2015 06:00

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	2.56	2.49	2.63	11900	13000	11.8
		2	2.96	2.89	3.03	13100		
		3	3.48	3.41	3.55	13300		
		4	3.64	3.57	3.71	12900		
		5	4.12	4.05	4.19	12000		
	2	1	3.31	3.24	3.38	11900	11000	
		2	3.83	3.76	3.90	11600		
		3	4.40	4.33	4.47	10900		
		4	4.57	4.51	4.65	10700		
		5	5.75	5.68	5.82	11100		
Aroclor 1260	1	1	5.60	5.53	5.67	1550	1600	5.1
		2	7.11	7.04	7.18	1540		
		3	7.79	7.72	7.86	1730		
		4	8.45	8.38	8.52	1350		
		5	9.83	9.77	9.91	1670		
	2	1	7.30	7.17	7.31	1060	1500	
		2	7.71	7.65	7.79	1530		
		3	9.55	9.49	9.63	1640		
		4	9.96	9.90	10.04	1690		
		5	10.97	10.93	11.07	1510		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-WT Lab Sample ID: 460-104096-16

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 14:47 Date Analyzed (2): 11/11/2015 14:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	30600	83000	9.4
		2	2.96	2.89	3.03	103000		
		3	3.48	3.41	3.55	99200		
		4	3.64	3.57	3.71	86500		
		5	4.12	4.05	4.19	95600		
	2	1	3.31	3.24	3.38	34500	75000	
		2	3.83	3.76	3.90	92300		
		3	4.40	4.33	4.47	85700		
		4	4.57	4.51	4.65	76100		
		5	5.75	5.68	5.82	88900		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-S Lab Sample ID: 460-104096-17

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 06:34 Date Analyzed (2): 11/11/2015 06:34

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	15200	29000	12.2
		2	2.96	2.89	3.03	32100		
		3	3.48	3.41	3.55	33800		
		4	3.64	3.57	3.71	28700		
		5	4.12	4.05	4.19	34800		
	2	1	3.31	3.24	3.38	15800	26000	
		2	3.83	3.76	3.90	28000		
		3	4.41	4.33	4.47	28100		
		4	4.58	4.51	4.65	24500		
		5	5.75	5.68	5.82	31500		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-12.75 Lab Sample ID: 460-104096-18

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 06:51 Date Analyzed (2): 11/11/2015 06:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	723	690	8.1
		2	2.96	2.89	3.03	756		
		3	3.48	3.41	3.55	717		
		4	3.64	3.57	3.71	685		
		5	4.12	4.05	4.19	580		
	2	1	3.31	3.24	3.38	840	640	
		2	3.83	3.76	3.90	619		
		3	4.41	4.33	4.47	593		
		4	4.58	4.51	4.65	571		
		5	5.75	5.68	5.82	568		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-0.75 Lab Sample ID: 460-104096-19

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/10/2015 21:50 Date Analyzed (2): 11/10/2015 21:50

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	2.56	2.49	2.63	633	820	0.2
		2	2.96	2.89	3.03	738		
		3	3.49	3.41	3.55	955		
		4	3.64	3.57	3.71	728		
		5	4.12	4.05	4.19	1060		
	2	1	3.31	3.24	3.38	823	820	
		2	3.83	3.76	3.90	612		
		3	4.41	4.33	4.47	773		
		4	4.58	4.51	4.65	643		
		5	5.75	5.68	5.82	1260		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV Lab Sample ID: 460-104096-20

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 07:25 Date Analyzed (2): 11/11/2015 07:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.56	2.49	2.63	6560	13000	10.3
		2	2.96	2.89	3.03	16000		
		3	3.48	3.41	3.55	16300		
		4	3.64	3.57	3.71	12800		
		5	4.12	4.05	4.19	14200		
	2	1	3.31	3.24	3.38	6500	12000	
		2	3.83	3.76	3.90	14000		
		3	4.40	4.33	4.47	13700		
		4	4.58	4.51	4.65	11000		
		5	5.75	5.68	5.82	14300		
Aroclor 1260	1	1	5.60	5.53	5.67	883	870	20.4
		2	7.11	7.04	7.18	886		
		3	7.78	7.72	7.86	895		
		4	8.45	8.38	8.52	756		
		5	9.83	9.77	9.91	943		
	2	1	7.31	7.17	7.31	1560	1100	
		2	7.71	7.65	7.79	962		
		3	9.55	9.49	9.63	937		
		4	9.97	9.90	10.04	1010		
		5	10.99	10.93	11.07	885		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 Lab Sample ID: 460-104096-21

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 09:22 Date Analyzed (2): 11/11/2015 09:22

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	2.50	2.44	2.58	2950	6000	11.4
		2	2.89	2.83	2.97	6370		
		3	3.41	3.35	3.49	6960		
		4	3.56	3.50	3.64	5320		
		5	4.04	3.98	4.12	8540		
	2	1	3.23	3.17	3.31	3200	6800	
		2	3.75	3.69	3.83	7180		
		3	4.32	4.25	4.39	8150		
		4	4.48	4.42	4.56	6100		
		5	5.61	5.54	5.68	9150		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT Lab Sample ID: 460-104096-22

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 09:37 Date Analyzed (2): 11/11/2015 09:37

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	2.50	2.44	2.58	142000	130000	2.6
		2	2.89	2.83	2.97	131000		
		3	3.41	3.35	3.49	132000		
		4	3.57	3.50	3.64	135000		
		5	4.05	3.98	4.12	129000		
	2	1	3.23	3.17	3.31	127000	130000	
		2	3.74	3.69	3.83	129000		
		3	4.31	4.25	4.39	132000		
		4	4.48	4.42	4.56	130000		
		5	5.60	5.54	5.68	134000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S Lab Sample ID: 460-104096-23

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 11:01 Date Analyzed (2): 11/11/2015 11:01

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	2.50	2.44	2.58	291000	290000	15.4
		2	2.90	2.83	2.97	298000		
		3	3.42	3.35	3.49	277000		
		4	3.57	3.50	3.64	288000		
		5	4.05	3.98	4.12	282000		
	2	1	3.24	3.17	3.31	327000	340000	
		2	3.75	3.69	3.83	343000		
		3	4.32	4.25	4.39	330000		
		4	4.49	4.42	4.56	326000		
		5	5.61	5.54	5.68	350000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 Lab Sample ID: 460-104096-24

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 20:43 Date Analyzed (2): 11/10/2015 20:43

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 1242	1	1	2.51	2.44	2.58	620	500	4.6
		2	2.90	2.83	2.97	583		
		3	3.42	3.35	3.49	443		
		4	3.57	3.50	3.64	448		
		5	4.05	3.98	4.12	418		
	2	1	3.23	3.17	3.31	730	530	
		2	3.75	3.69	3.83	530		
		3	4.31	4.25	4.39	474		
		4	4.48	4.42	4.56	471		
		5	5.61	5.54	5.68	423		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-8-NW2-V Lab Sample ID: 460-104096-25

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 10:09 Date Analyzed (2): 11/11/2015 10:09

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	2	2.90	2.83	2.97	14100	13000	2.2
		3	3.42	3.35	3.49	13700		
		4	3.57	3.50	3.64	8200		
		5	4.05	3.98	4.12	14500		
	2	2	3.74	3.69	3.83	13100	12000	
		3	4.31	4.25	4.39	13400		
		4	4.48	4.42	4.56	8000		
		5	5.61	5.54	5.68	14800		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT Lab Sample ID: 460-104096-26

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 10:25 Date Analyzed (2): 11/11/2015 10:25

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.50	2.44	2.58	131000	130000	5.6
		2	2.90	2.83	2.97	126000		
		3	3.42	3.35	3.49	124000		
		4	3.57	3.50	3.64	126000		
		5	4.05	3.98	4.12	122000		
	2	1	3.23	3.17	3.31	129000	130000	
		2	3.74	3.69	3.83	132000		
		3	4.31	4.25	4.39	136000		
		4	4.48	4.42	4.56	137000		
		5	5.61	5.54	5.68	133000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-S Lab Sample ID: 460-104096-27

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/11/2015 10:40 Date Analyzed (2): 11/11/2015 10:40

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	2.51	2.44	2.58	72700	73000	0.6
		2	2.90	2.83	2.97	73700		
		3	3.42	3.35	3.49	72600		
		4	3.57	3.50	3.64	74200		
		5	4.05	3.98	4.12	71500		
	2	1	3.23	3.17	3.31	70600	73000	
		2	3.75	3.69	3.83	71900		
		3	4.31	4.25	4.39	75100		
		4	4.48	4.42	4.56	76100		
		5	5.61	5.54	5.68	73200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-12.75 Lab Sample ID: 460-104096-28

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 21:46 Date Analyzed (2): 11/10/2015 21:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.51	2.44	2.58	466	480	8.5
		2	2.90	2.83	2.97	539		
		3	3.42	3.35	3.49	459		
		4	3.57	3.50	3.64	452		
		5	4.05	3.98	4.12	460		
	2	1	3.23	3.17	3.31	606	520	
		2	3.75	3.69	3.83	512		
		3	4.31	4.25	4.39	507		
		4	4.48	4.42	4.56	477		
		5	5.61	5.54	5.68	484		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 Lab Sample ID: 460-104096-29

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 22:02 Date Analyzed (2): 11/10/2015 22:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.51	2.44	2.58	253	390	11.3
		2	2.90	2.83	2.97	330		
		3	3.42	3.35	3.49	355		
		4	3.58	3.50	3.64	333		
		5	4.05	3.98	4.12	672		
	2	1	3.23	3.17	3.31	353	430	
		2	3.75	3.69	3.83	254		
		3	4.31	4.25	4.39	375		
		4	4.48	4.42	4.56	333		
		5	5.61	5.54	5.68	858		
Aroclor 1260	1	2	6.79	6.72	6.86	48.6	42	1.2
		3	7.32	7.25	7.39	40.9		
		4	7.86	7.79	7.93	34.1		
		5	8.77	8.71	8.85	43.2		
	2	2	7.24	7.17	7.31	51.0	41	
		3	8.54	8.47	8.61	33.2		
		4	8.82	8.77	8.91	38.5		
		5	9.65	9.62	9.76	42.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 Lab Sample ID: 460-104096-30

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 13:32 Date Analyzed (2): 11/10/2015 13:32

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1248	1	2	3.43	3.35	3.49	1920	2700	2.7
		3	4.06	3.98	4.12	2110		
		4	4.58	4.48	4.62	3630		
		5	4.81	4.74	4.88	3070		
	2	2	4.32	4.25	4.39	1700	2800	
		3	4.74	4.68	4.82	3030		
		4	5.56	5.49	5.63	2700		
		5	5.61	5.54	5.68	3590		
Aroclor 1260	1	1	5.51	5.43	5.57	956	830	5.8
		2	6.79	6.72	6.86	786		
		3	7.33	7.25	7.39	910		
		4	7.87	7.79	7.93	736		
		5	8.77	8.71	8.85	773		
	2	1	6.87	6.80	6.94	1050	880	
		2	7.24	7.18	7.32	858		
		3	8.54	8.48	8.62	768		
		4	8.83	8.77	8.91	840		
		5	9.67	9.63	9.77	890		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 Lab Sample ID: 460-104096-34

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 13:48 Date Analyzed (2): 11/10/2015 13:48

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 1248	1	1	2.90	2.83	2.97	3150	3600	2.3
		2	3.42	3.35	3.49	2010		
		3	4.06	3.98	4.12	5550		
		4	4.58	4.48	4.62	3920		
		5	4.81	4.74	4.88	3570		
	2	1	3.75	3.69	3.83	3080	3600	
		2	4.31	4.25	4.39	2080		
		3	4.74	4.68	4.82	5090		
		4	5.55	5.49	5.63	3410		
		5	5.61	5.54	5.68	4120		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 Lab Sample ID: 460-104096-35

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 14:03 Date Analyzed (2): 11/10/2015 14:03

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.51	2.44	2.58	4040	4800	1.1
		2	2.90	2.83	2.97	5330		
		3	3.42	3.35	3.49	4820		
		4	3.58	3.50	3.64	4890		
		5	4.06	3.98	4.12	5010		
	2	1	3.23	3.17	3.31	3760	4900	
		2	3.75	3.69	3.83	5090		
		3	4.31	4.25	4.39	5120		
		4	4.48	4.42	4.56	5460		
		5	5.61	5.54	5.68	4950		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: DUP_2015_11_05 Lab Sample ID: 460-104096-36

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 14:19 Date Analyzed (2): 11/10/2015 14:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	2.51	2.44	2.58	73100	73000	11.5
		2	2.90	2.83	2.97	70800		
		3	3.42	3.35	3.49	71100		
		4	3.58	3.50	3.64	74600		
		5	4.06	3.98	4.12	73800		
	2	1	3.23	3.17	3.31	75000	82000	
		2	3.75	3.69	3.83	79900		
		3	4.31	4.25	4.39	86100		
		4	4.48	4.42	4.56	85200		
Aroclor 1260	1	1	5.51	5.43	5.57	13700	13000	1.7
		2	6.79	6.72	6.86	12100		
		3	7.33	7.25	7.39	12600		
		4	7.87	7.79	7.93	13300		
		5	8.77	8.71	8.85	15000		
	2	1	6.86	6.80	6.94	14200	13000	
		2	7.24	7.18	7.32	12700		
		3	8.54	8.48	8.62	12300		
		4	8.83	8.77	8.91	13100		
		5	9.67	9.63	9.77	13200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-333841/2-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/08/2015 17:00 Date Analyzed (2): 11/08/2015 17:00

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	2.56	2.49	2.63	3.84	3.52	2.0
		3	3.48	3.41	3.55	3.51		
		4	3.64	3.57	3.71	3.33		
		5	4.12	4.05	4.19	3.41		
	2	2	3.84	3.77	3.91	3.58	3.59	
		3	4.41	4.34	4.48	3.60		
		4	5.18	5.11	5.25	3.48		
		5	5.34	5.27	5.41	3.71		
Aroclor 1260	1	1	5.60	5.53	5.67	3.41	3.84	12.3
		2	7.12	7.05	7.19	3.75		
		3	7.79	7.72	7.86	4.06		
		4	8.46	8.39	8.53	3.34		
		5	9.84	9.77	9.91	4.63		
	2	1	7.26	7.19	7.33	3.10	3.40	
		2	7.73	7.67	7.81	3.22		
		3	9.57	9.50	9.64	4.09		
		4	9.98	9.91	10.05	3.51		
		5	11.02	10.94	11.08	3.06		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-333841/3-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/08/2015 17:17 Date Analyzed (2): 11/08/2015 17:17

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 1016	1	1	2.57	2.49	2.63	4.05	4.04	7.0
		3	3.49	3.41	3.55	4.18		
		4	3.64	3.57	3.71	4.00		
		5	4.12	4.05	4.19	3.94		
	2	2	3.84	3.77	3.91	3.80	3.77	
		3	4.41	4.34	4.48	3.77		
		4	5.18	5.11	5.25	3.65		
		5	5.34	5.27	5.41	3.86		
Aroclor 1260	1	1	5.60	5.53	5.67	3.72	4.24	10.6
		2	7.12	7.05	7.19	4.05		
		3	7.79	7.72	7.86	4.37		
		4	8.46	8.39	8.53	3.59		
		5	9.84	9.77	9.91	5.44		
	2	1	7.25	7.19	7.33	3.31	3.81	
		2	7.73	7.67	7.81	3.45		
		3	9.57	9.50	9.64	4.68		
		4	9.98	9.91	10.05	3.92		
		5	11.01	10.94	11.08	3.68		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334079/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/09/2015 22:46 Date Analyzed (2): 11/09/2015 22:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.51	2.44	2.58	354	356	14.8
		2	2.90	2.83	2.97	338		
		3	3.42	3.35	3.49	351		
		4	3.57	3.50	3.64	372		
		5	4.05	3.98	4.12	367		
	2	1	3.23	3.17	3.31	307	307	
		2	3.75	3.68	3.82	327		
		3	4.31	4.25	4.39	307		
		4	5.07	5.01	5.15	303		
		5	5.22	5.16	5.30	292		
Aroclor 1260	1	1	5.50	5.44	5.58	373	398	17.9
		2	6.79	6.72	6.86	401		
		3	7.32	7.26	7.40	410		
		4	7.86	7.80	7.94	384		
		5	8.77	8.70	8.84	424		
	2	1	6.86	6.80	6.94	335	333	
		2	7.24	7.18	7.32	324		
		3	8.54	8.48	8.62	314		
		4	8.83	8.77	8.91	326		
		5	9.67	9.61	9.75	366		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-103656-F-10-C MS

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 11:41 Date Analyzed (2): 11/10/2015 11:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.51	2.43	2.57	432	286	4.5
		2	2.90	2.83	2.97	250		
		3	3.42	3.35	3.49	239		
		4	3.57	3.50	3.64	253		
		5	4.05	3.98	4.12	255		
	2	1	3.23	3.17	3.31	251	273	
		2	3.75	3.68	3.82	280		
		3	4.31	4.25	4.39	262		
		4	5.07	5.01	5.15	286		
		5	5.22	5.16	5.30	287		
Aroclor 1260	1	1	5.50	5.43	5.57	256	281	3.6
		2	6.79	6.72	6.86	274		
		3	7.32	7.25	7.39	280		
		4	7.86	7.79	7.93	266		
		5	8.77	8.71	8.85	327		
	2	1	6.86	6.80	6.94	285	291	
		2	7.24	7.18	7.32	278		
		3	8.54	8.48	8.62	272		
		4	8.83	8.77	8.91	299		
		5	9.68	9.63	9.77	320		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-103656-F-10-D MSD

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 11:57 Date Analyzed (2): 11/10/2015 11:57

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	2.51	2.43	2.57	257	265	3.1
		2	2.90	2.83	2.97	256		
		3	3.42	3.35	3.49	263		
		4	3.58	3.50	3.64	279		
		5	4.05	3.98	4.12	272		
	2	1	3.24	3.17	3.31	230	257	
		2	3.75	3.68	3.82	259		
		3	4.31	4.25	4.39	236		
		4	5.07	5.01	5.15	288		
		5	5.22	5.16	5.30	273		
Aroclor 1260	1	1	5.51	5.43	5.57	253	272	4.4
		2	6.79	6.72	6.86	272		
		3	7.33	7.25	7.39	280		
		4	7.87	7.79	7.93	261		
		5	8.77	8.71	8.85	296		
	2	1	6.87	6.80	6.94	260	261	
		2	7.24	7.18	7.32	252		
		3	8.54	8.48	8.62	251		
		4	8.84	8.77	8.91	259		
		5	9.68	9.63	9.77	281		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334269/2-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 11/11/2015 01:33 Date Analyzed (2): 11/11/2015 01:33

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 1016	1	1	2.57	2.49	2.63	279	283	1.9
		2	2.96	2.89	3.03	317		
		3	3.49	3.41	3.55	298		
		4	3.64	3.57	3.71	300		
		5	4.12	4.05	4.19	221		
	2	1	3.31	3.24	3.38	379	278	
		2	3.83	3.76	3.90	262		
		3	4.40	4.34	4.48	257		
		4	5.17	5.10	5.24	240		
		5	5.33	5.26	5.40	251		
Aroclor 1260	1	1	5.60	5.53	5.67	238	260	1.1
		2	7.12	7.04	7.18	260		
		3	7.79	7.72	7.86	283		
		4	8.45	8.38	8.52	227		
		5	9.83	9.77	9.91	293		
	2	1	7.24	7.17	7.31	242	263	
		2	7.72	7.65	7.79	250		
		3	9.55	9.49	9.63	272		
		4	9.96	9.90	10.04	272		
		5	10.95	10.93	11.07	279		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-334271/2-A

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 17:49 Date Analyzed (2): 11/10/2015 17:49

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.51	2.43	2.57	287	306	10.7
		2	2.90	2.83	2.97	330		
		3	3.42	3.35	3.49	302		
		4	3.57	3.50	3.64	308		
		5	4.05	3.98	4.12	303		
	2	1	3.23	3.17	3.31	314	275	
		2	3.75	3.68	3.82	283		
		3	4.31	4.24	4.38	263		
		4	5.07	5.00	5.14	258		
		5	5.22	5.15	5.29	256		
Aroclor 1260	1	1	5.50	5.43	5.57	304	327	16.6
		2	6.79	6.72	6.86	318		
		3	7.32	7.25	7.39	328		
		4	7.86	7.79	7.93	308		
		5	8.77	8.71	8.85	377		
	2	1	6.86	6.79	6.93	276	277	
		2	7.24	7.17	7.31	265		
		3	8.54	8.47	8.61	264		
		4	8.84	8.77	8.91	281		
		5	9.68	9.62	9.76	299		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-103944-A-9-I MS

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 18:05 Date Analyzed (2): 11/10/2015 18:05

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.51	2.43	2.57	406	445	11.8
		2	2.90	2.83	2.97	476		
		3	3.42	3.35	3.49	463		
		4	3.57	3.50	3.64	462		
		5	4.05	3.98	4.12	417		
	2	1	3.23	3.17	3.31	428	395	
		2	3.75	3.68	3.82	404		
		3	4.31	4.24	4.38	380		
		4	5.07	5.00	5.14	379		
		5	5.22	5.15	5.29	386		
Aroclor 1260	1	1	5.50	5.43	5.57	309	329	8.9
		2	6.79	6.72	6.86	325		
		3	7.32	7.25	7.39	339		
		4	7.86	7.79	7.93	329		
		5	8.77	8.71	8.85	344		
	2	1	6.86	6.79	6.93	314	301	
		2	7.24	7.17	7.31	285		
		3	8.54	8.47	8.61	280		
		4	8.83	8.77	8.91	294		
		5	9.68	9.62	9.76	334		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-103944-A-9-J MSD

Instrument ID (1): CPESTGC9 Instrument ID (2): CPESTGC9

Date Analyzed (1): 11/10/2015 18:21 Date Analyzed (2): 11/10/2015 18:21

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 1016	1	1	2.51	2.43	2.57	407	415	14.4
		2	2.90	2.83	2.97	434		
		3	3.42	3.35	3.49	412		
		4	3.57	3.50	3.64	422		
		5	4.05	3.98	4.12	398		
	2	1	3.23	3.17	3.31	392	359	
		2	3.75	3.68	3.82	364		
		3	4.31	4.24	4.38	352		
		4	5.07	5.00	5.14	342		
		5	5.22	5.15	5.29	345		
Aroclor 1260	1	1	5.50	5.43	5.57	311	336	14.5
		2	6.79	6.72	6.86	327		
		3	7.32	7.25	7.39	349		
		4	7.86	7.79	7.93	333		
		5	8.77	8.71	8.85	362		
	2	1	6.86	6.79	6.93	299	291	
		2	7.24	7.17	7.31	270		
		3	8.54	8.47	8.61	277		
		4	8.83	8.77	8.91	288		
		5	9.68	9.62	9.76	321		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT | Lab Sample ID: 460-104096-1

Matrix: Solid | Lab File ID: 8F008335.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0015(g) | Date Analyzed: 11/11/2015 02:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	7300		700	93
11096-82-5	Aroclor 1260	1500	F1	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D
Lims ID: 460-104096-A-1-C Lab Sample ID: 460-104096-1
Client ID: PMP-10-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 02:20:46 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-040
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 03:39:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.701	1.689	0.012	2786345	20.0	M
2	1.484	1.472	0.012	2534118	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.316	3.312	0.004	751727	315.6	
1	3.834	3.832	0.002	6766780	1350.0	
1	4.405	4.404	0.001	11745770	1254.5	M
1	4.577	4.575	0.002	3688474	859.4	M
1	5.750	5.752	-0.002	5866082	1464.7	M
		Average of Peak Amounts =			1048.8	
2	2.570	2.562	0.008	596182	263.2	M
2	2.966	2.958	0.008	5118445	1163.1	M
2	3.487	3.481	0.006	9559620	1102.7	M
2	3.642	3.636	0.006	2676482	768.2	M
2	4.122	4.119	0.003	4465749	1145.0	M
		Average of Peak Amounts =			888.4	
					RPD = 16.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.307	7.241	0.066	1688403	175.7	M
1	7.714	7.717	-0.003	2541097	225.9	M
1	9.551	9.557	-0.006	1510411	228.8	M
1	9.954	9.969	-0.015	3894689	247.5	M
1	10.956	11.001	-0.045	890214	220.9	
		Average of Peak Amounts =			219.8	
2	5.599	5.599	0.000	1531714	162.1	M
2	7.116	7.113	0.003	1334777	166.4	
2	7.787	7.786	0.001	3031955	169.7	M
2	8.451	8.451	0.000	1174821	121.4	
2	9.823	9.836	-0.013	453975	118.5	
		Average of Peak Amounts =			147.6	
					RPD = 39.28	
$ 11 DCB Decachlorobiphenyl						M
1	11.442	11.444	-0.002	858179	6.81	M
2	10.384	10.385	-0.001	982643	7.41	
					RPD = 8.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

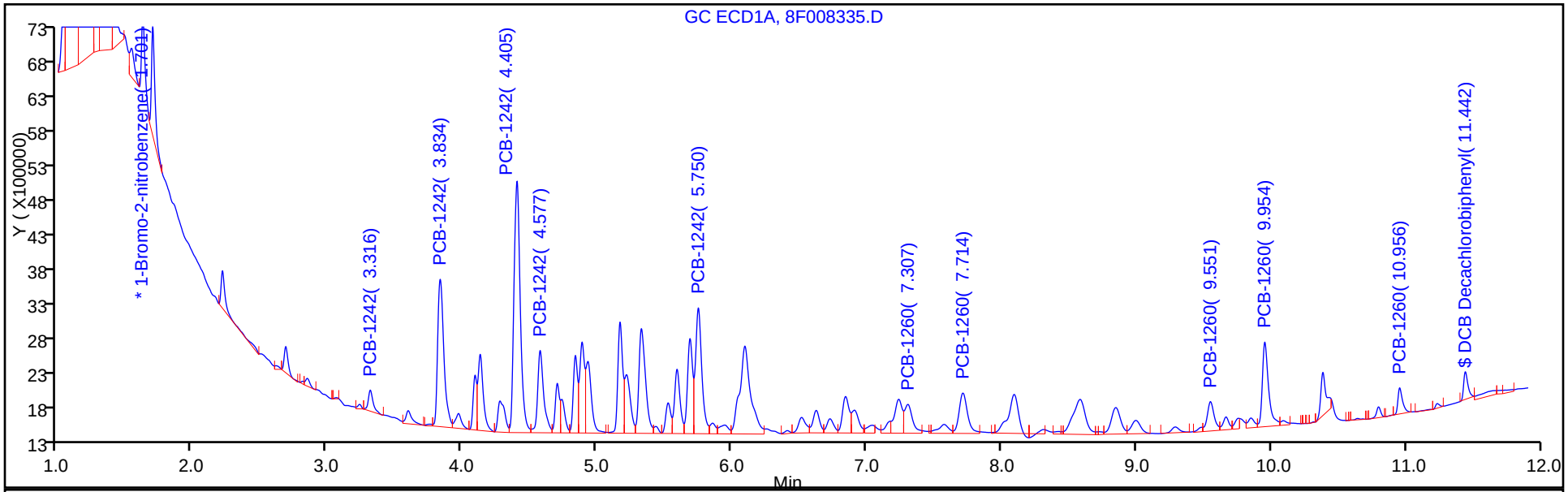
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

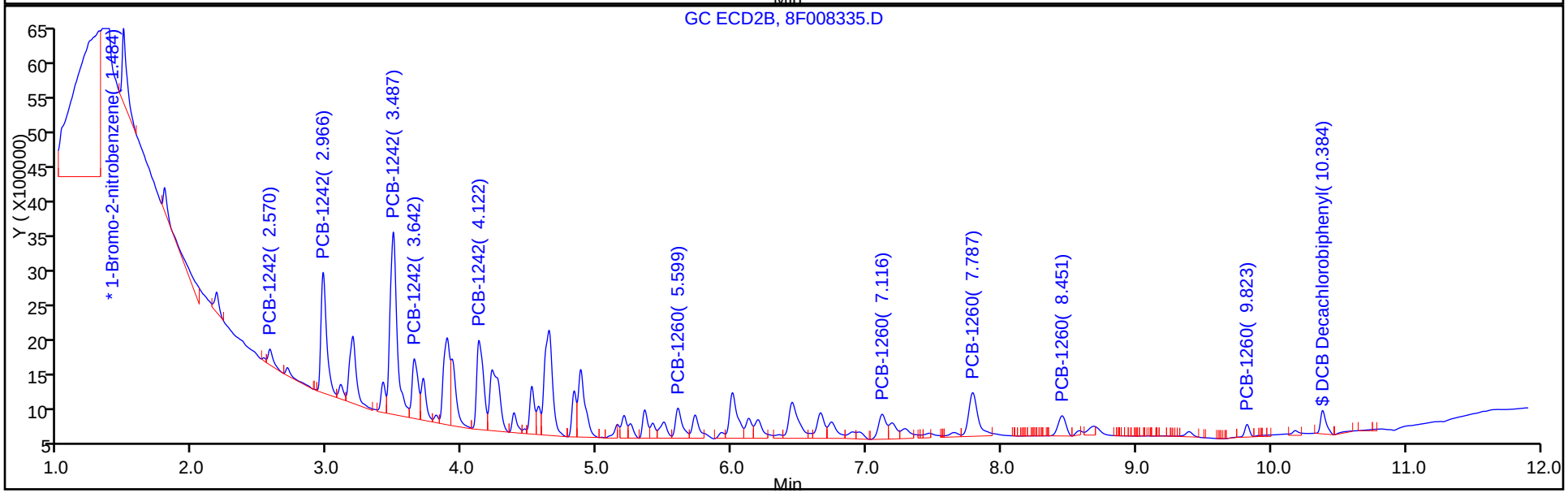
Report Date: 11-Nov-2015 13:12:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1	Worklist Smp#:	40
Client ID:	PMP-10-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	40
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

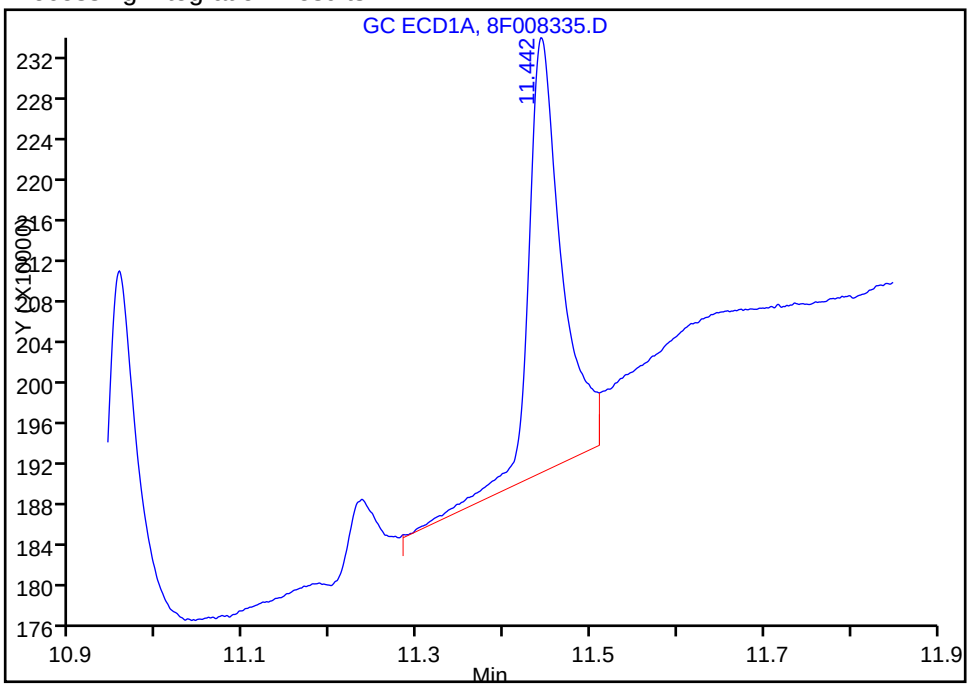
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D				
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

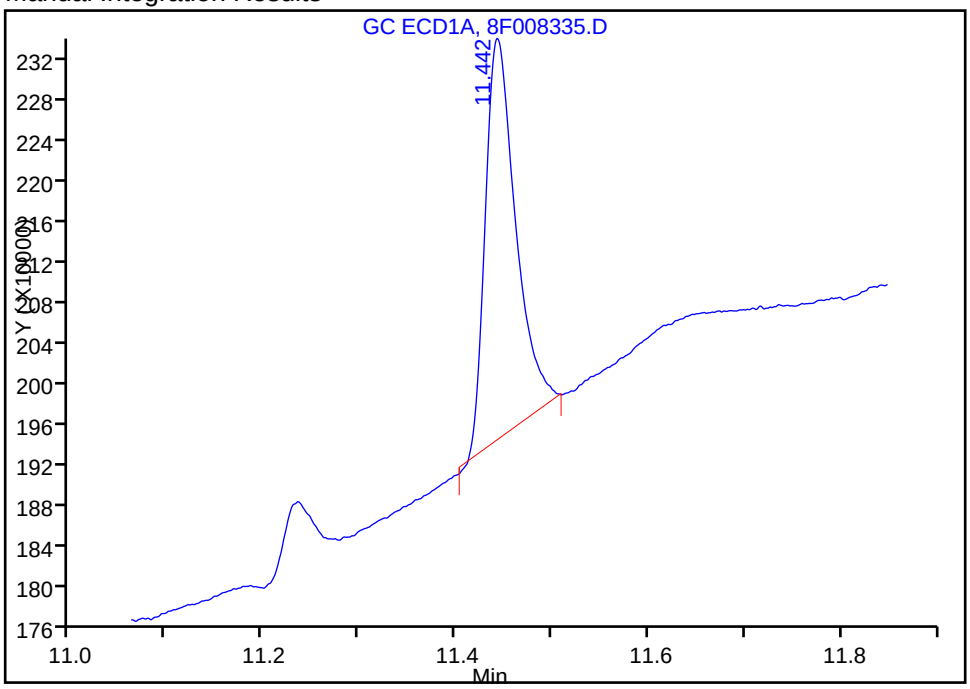
Processing Integration Results

RT: 11.44
Area: 1156405
Amount: 9.170821
Amount Units: ug/l



Manual Integration Results

RT: 11.44
Area: 858179
Amount: 6.805752
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 03:39:58
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

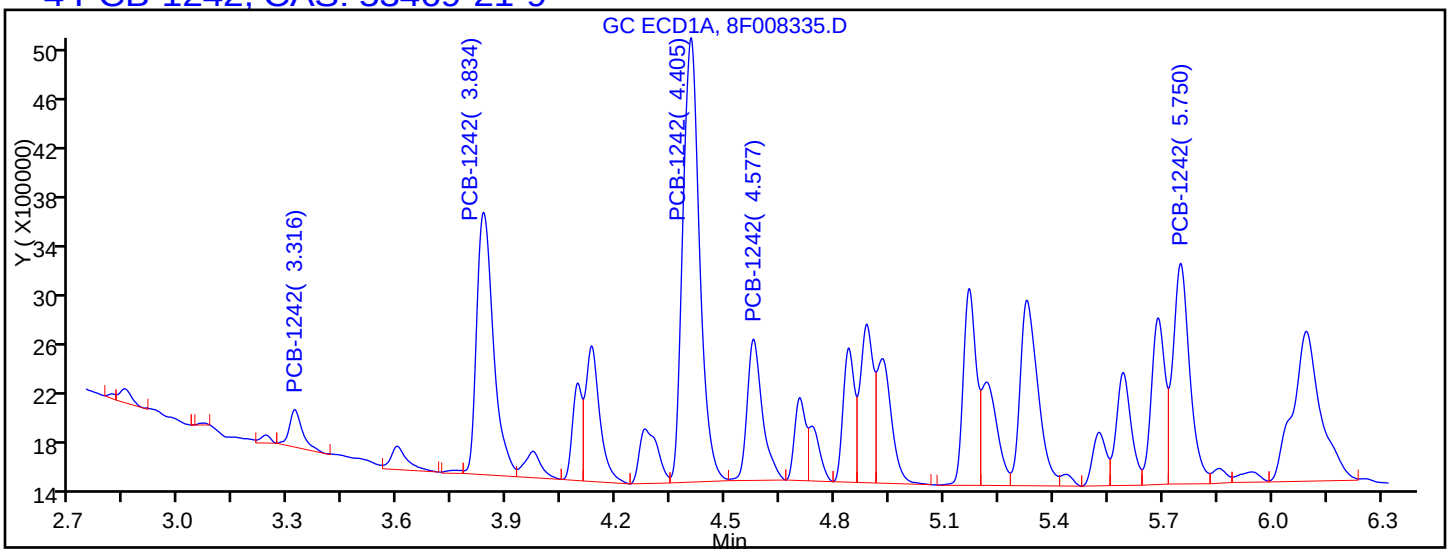
Report Date: 11-Nov-2015 13:12:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

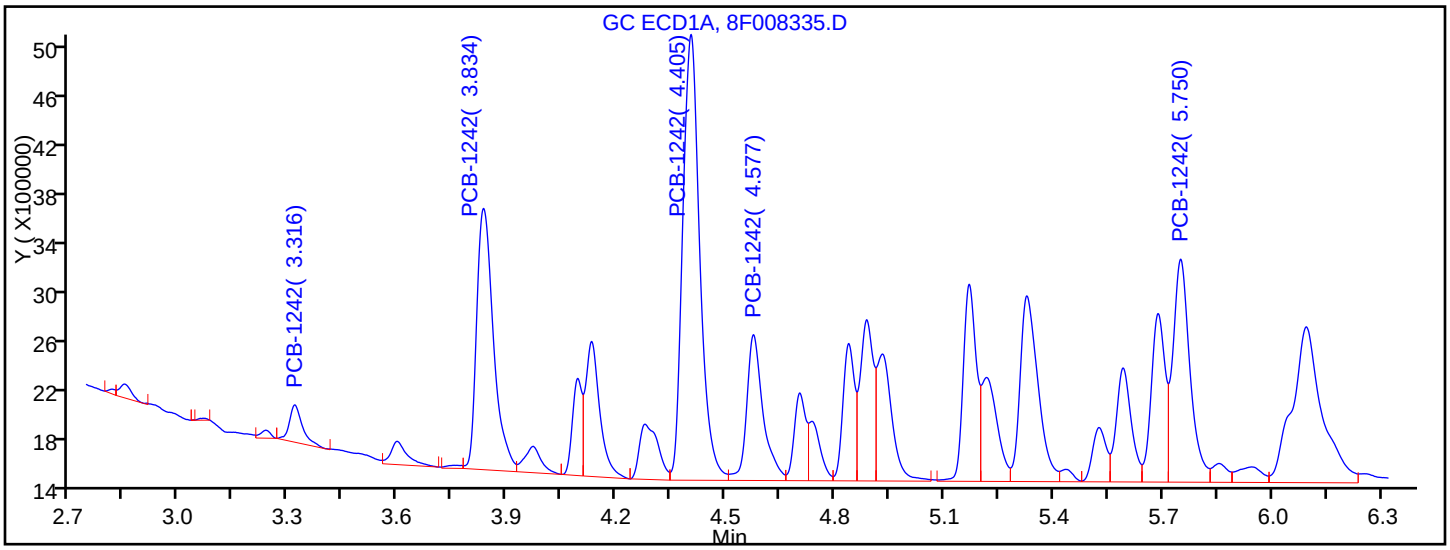
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.316	Response = 751727	
RT = 3.834	Response = 6766780	
RT = 4.405	Response = 11476660	M
RT = 4.577	Response = 3296082	M
RT = 5.750	Response = 5681634	M



Manual Integration Results

RT = 3.316	Response = 751727	
RT = 3.834	Response = 6766780	
RT = 4.405	Response = 11745770	M
RT = 4.577	Response = 3688474	M
RT = 5.750	Response = 5866082	M

Reviewer: patelji, 11-Nov-2015 11:24:10

Audit Action: Assigned New Baseline

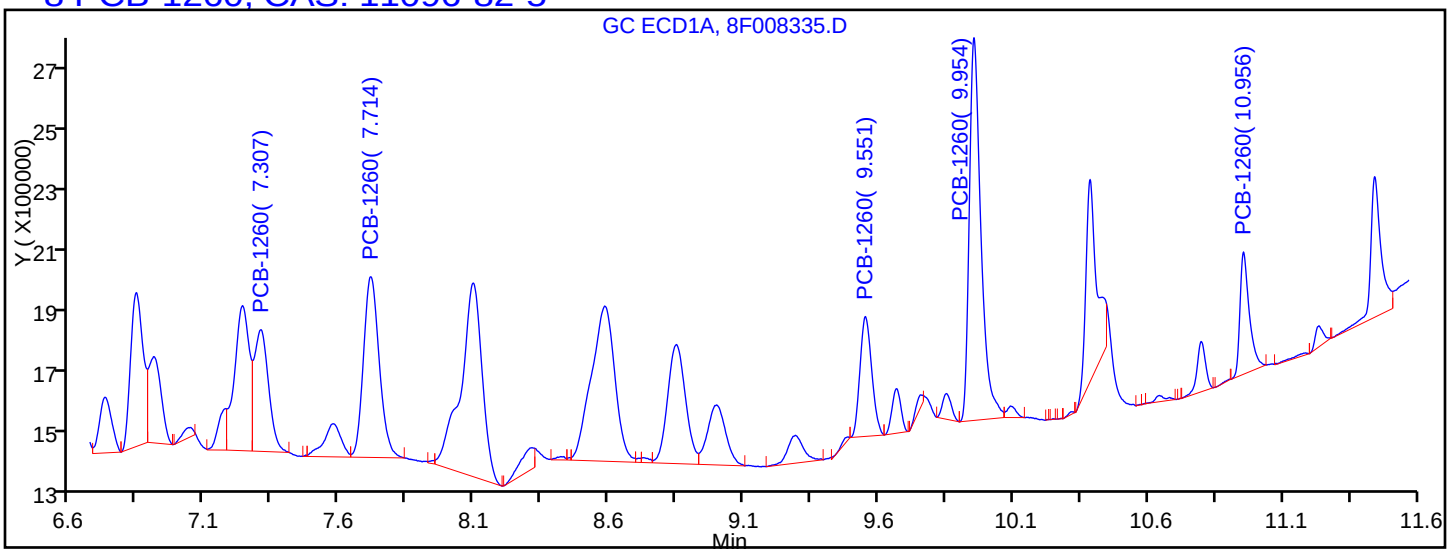
Audit Reason: Sample matrix interference

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

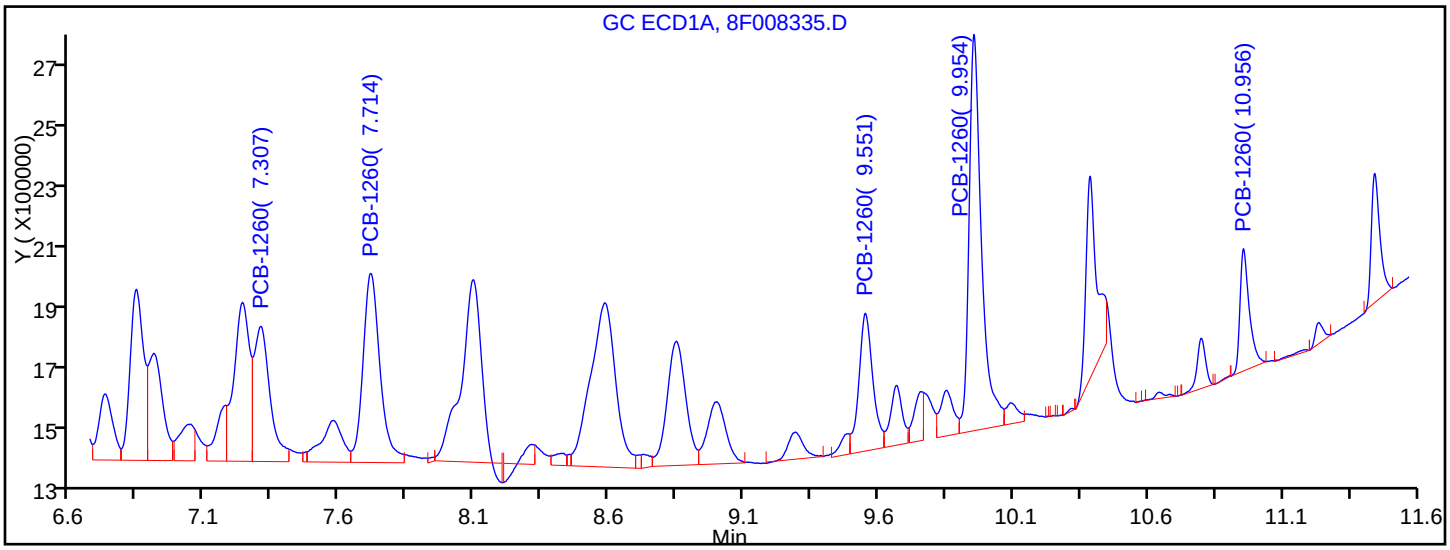
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.307	Response = 1364049	M
RT = 7.714	Response = 2239700	M
RT = 9.551	Response = 1103500	M
RT = 9.954	Response = 3503129	M
RT = 10.956	Response = 890214	



Manual Integration Results

RT = 7.307	Response = 1688403	M
RT = 7.714	Response = 2541097	M
RT = 9.551	Response = 1510411	M
RT = 9.954	Response = 3894689	M
RT = 10.956	Response = 890214	

Reviewer: patelji, 11-Nov-2015 11:24:10
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

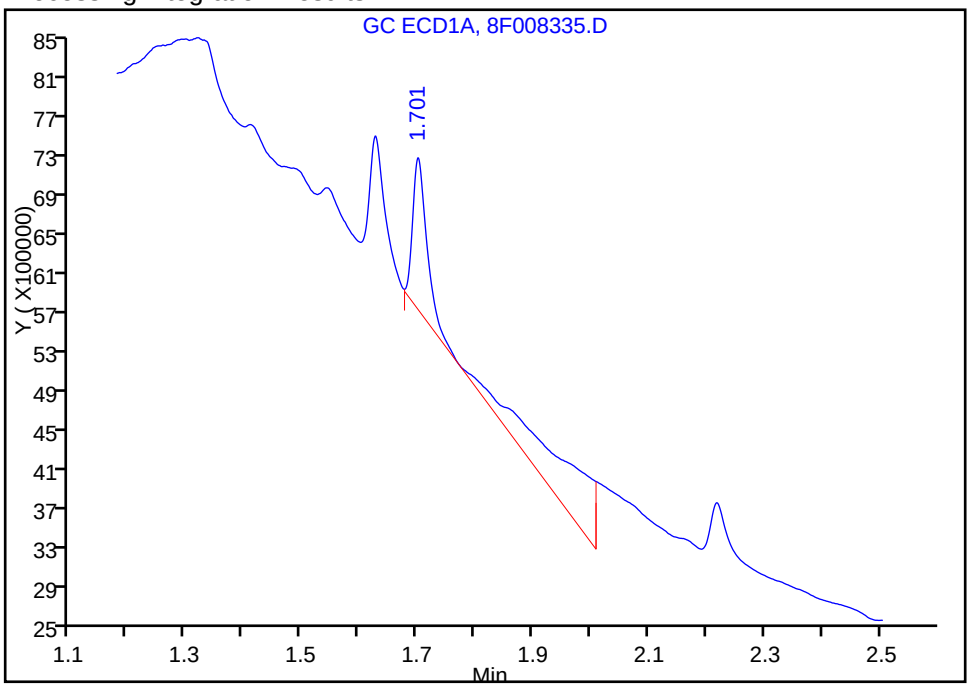
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D				
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

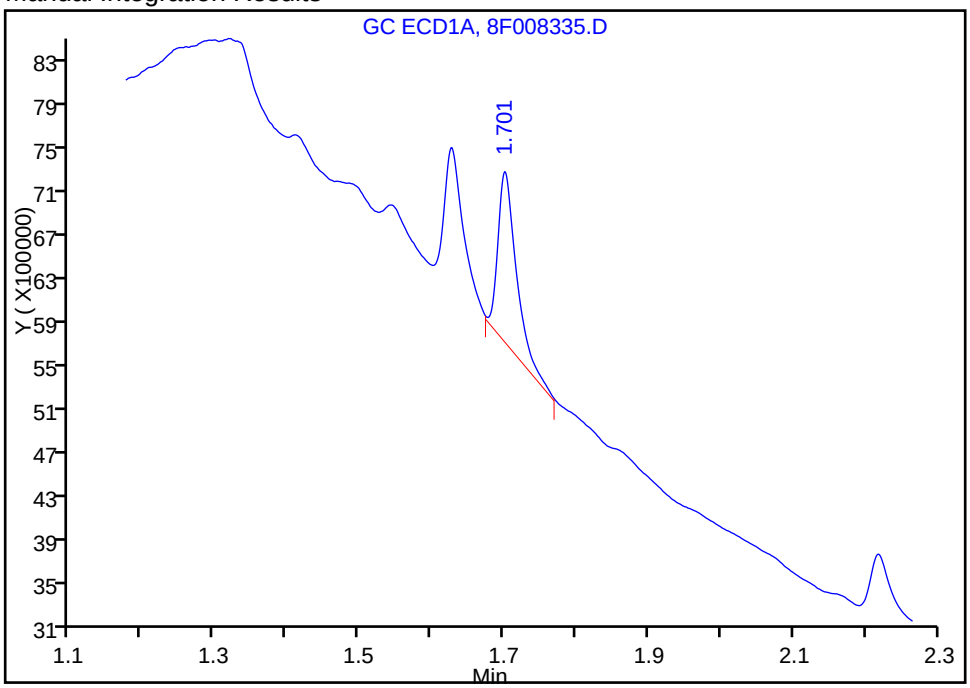
Processing Integration Results

RT: 1.70
Area: 6998686
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.70
Area: 2786345
Amount: 20.000000
Amount Units: ug/l



Reviewer: boykinc, 11-Nov-2015 03:39:58
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT | Lab Sample ID: 460-104096-1

Matrix: Solid | Lab File ID: 8F008335.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0015(g) | Date Analyzed: 11/11/2015 02:20

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	93	U F1 F2	700	93
11104-28-2	Aroclor 1221	93	U	700	93
11141-16-5	Aroclor 1232	93	U	700	93
12672-29-6	Aroclor 1248	93	U	700	93
11097-69-1	Aroclor 1254	96	U	700	96
37324-23-5	Aroclor 1262	96	U	700	96
11100-14-4	Aroclor 1268	96	U	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	148	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D
Lims ID: 460-104096-A-1-C Lab Sample ID: 460-104096-1
Client ID: PMP-10-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 02:20:46 ALS Bottle#: 40 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-040
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 03:39:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.701	1.689	0.012	2786345	20.0	M
2	1.484	1.472	0.012	2534118	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.316	3.312	0.004	751727	315.6	
1	3.834	3.832	0.002	6766780	1350.0	
1	4.405	4.404	0.001	11745770	1254.5	M
1	4.577	4.575	0.002	3688474	859.4	M
1	5.750	5.752	-0.002	5866082	1464.7	M
		Average of Peak Amounts =			1048.8	
2	2.570	2.562	0.008	596182	263.2	M
2	2.966	2.958	0.008	5118445	1163.1	M
2	3.487	3.481	0.006	9559620	1102.7	M
2	3.642	3.636	0.006	2676482	768.2	M
2	4.122	4.119	0.003	4465749	1145.0	M
		Average of Peak Amounts =			888.4	
					RPD = 16.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.307	7.241	0.066	1688403	175.7	M
1	7.714	7.717	-0.003	2541097	225.9	M
1	9.551	9.557	-0.006	1510411	228.8	M
1	9.954	9.969	-0.015	3894689	247.5	M
1	10.956	11.001	-0.045	890214	220.9	
		Average of Peak Amounts =			219.8	
2	5.599	5.599	0.000	1531714	162.1	M
2	7.116	7.113	0.003	1334777	166.4	
2	7.787	7.786	0.001	3031955	169.7	M
2	8.451	8.451	0.000	1174821	121.4	
2	9.823	9.836	-0.013	453975	118.5	
		Average of Peak Amounts =			147.6	
					RPD = 39.28	
$ 11 DCB Decachlorobiphenyl						M
1	11.442	11.444	-0.002	858179	6.81	M
2	10.384	10.385	-0.001	982643	7.41	
					RPD = 8.48	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

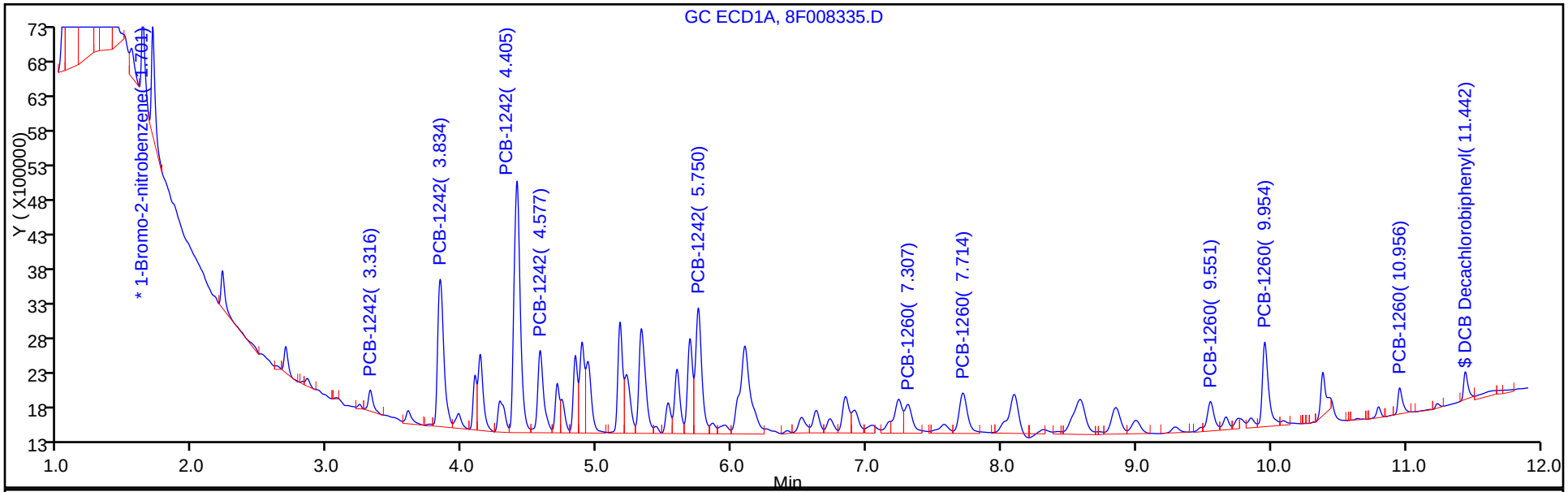
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

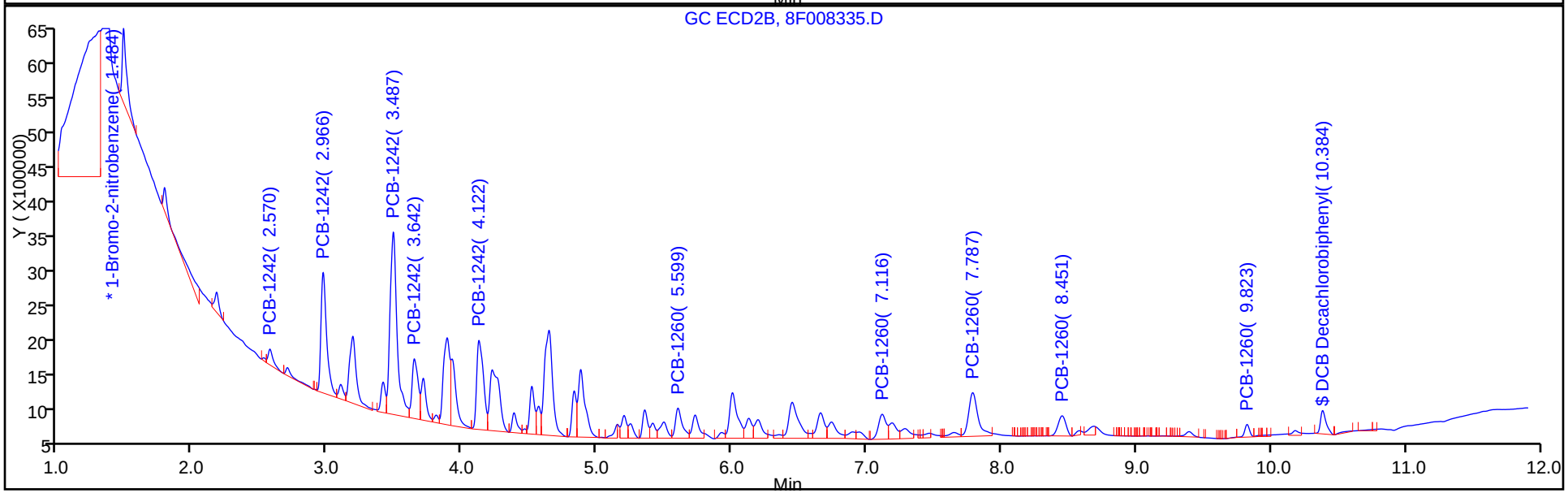
Report Date: 11-Nov-2015 13:12:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1	Worklist Smp#:	40
Client ID:	PMP-10-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	40
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





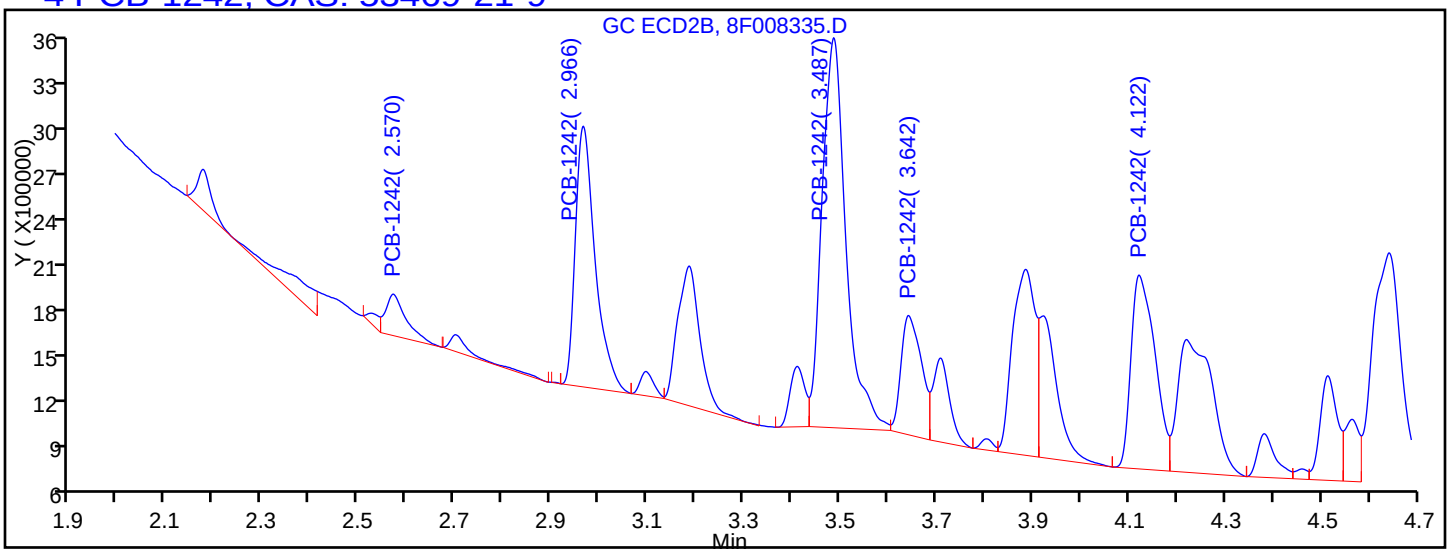
Report Date: 11-Nov-2015 13:12:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

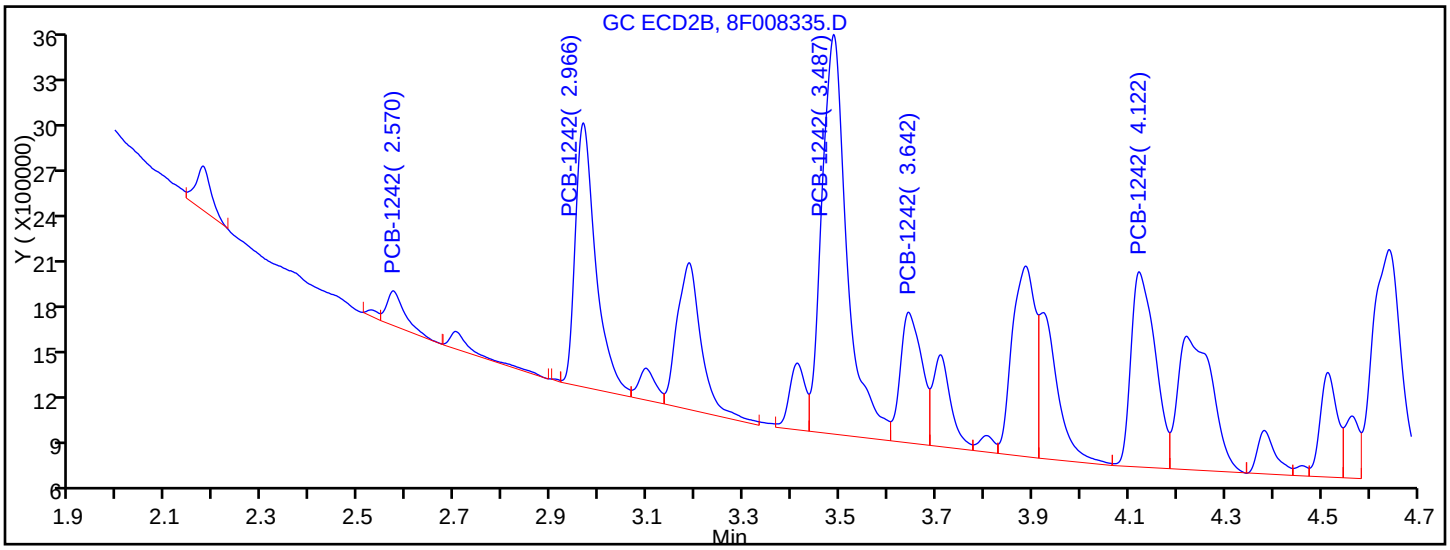
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.570	Response = 803694	M
RT = 2.966	Response = 4878752	M
RT = 3.487	Response = 8846365	M
RT = 3.642	Response = 2319390	M
RT = 4.122	Response = 4404192	M



Manual Integration Results

RT = 2.570	Response = 596182	M
RT = 2.966	Response = 5118445	M
RT = 3.487	Response = 9559620	M
RT = 3.642	Response = 2676482	M
RT = 4.122	Response = 4465749	M

Reviewer: patelji, 11-Nov-2015 11:24:10

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

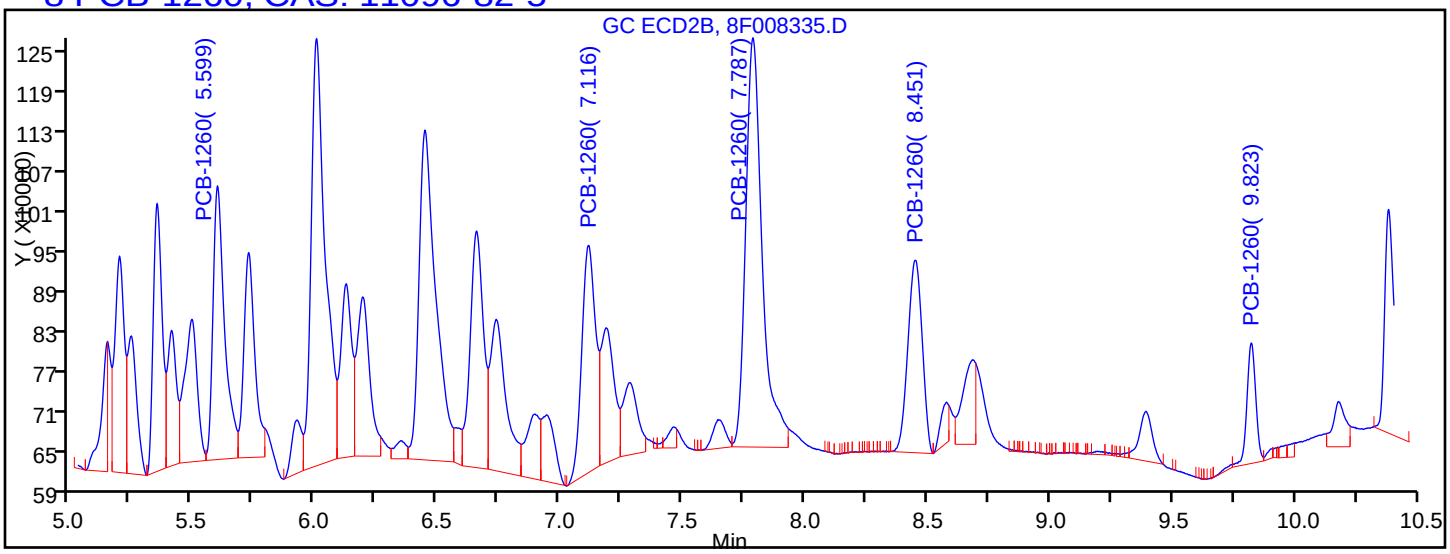
Report Date: 11-Nov-2015 13:12:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D

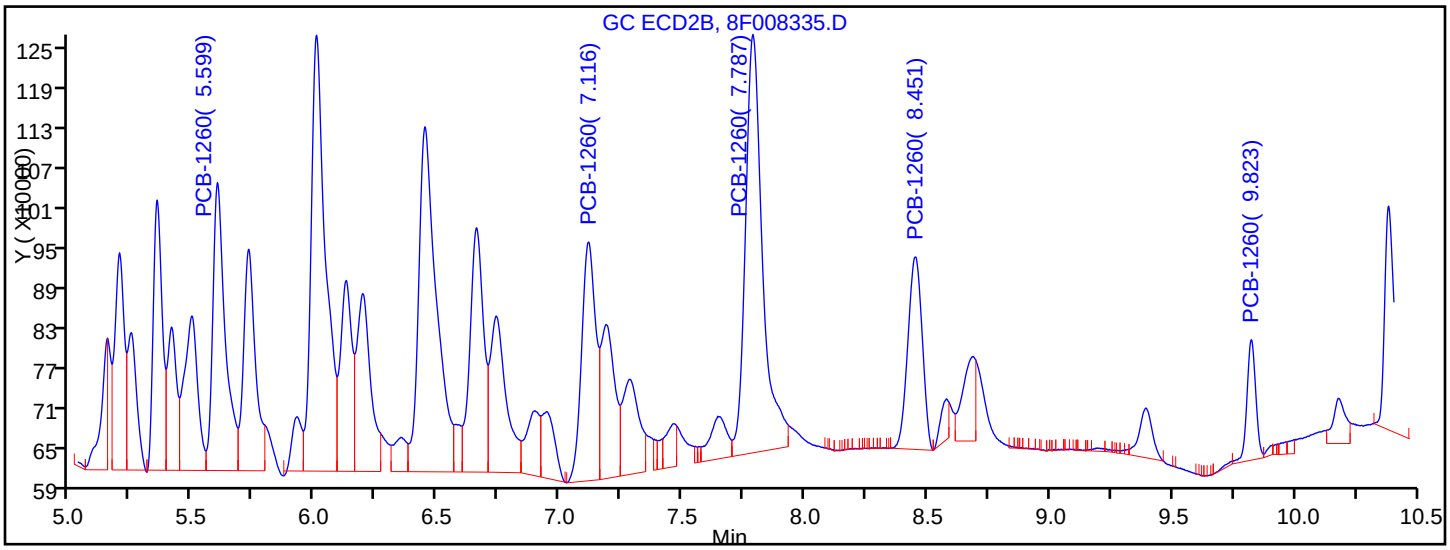
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.599	Response = 1359682	M
RT = 7.116	Response = 1334777	
RT = 7.787	Response = 2872282	M
RT = 8.451	Response = 1174821	
RT = 9.823	Response = 453975	



Manual Integration Results

RT = 5.599	Response = 1531714	M
RT = 7.116	Response = 1334777	
RT = 7.787	Response = 3031955	M
RT = 8.451	Response = 1174821	
RT = 9.823	Response = 453975	

Reviewer: patelji, 11-Nov-2015 11:24:10

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

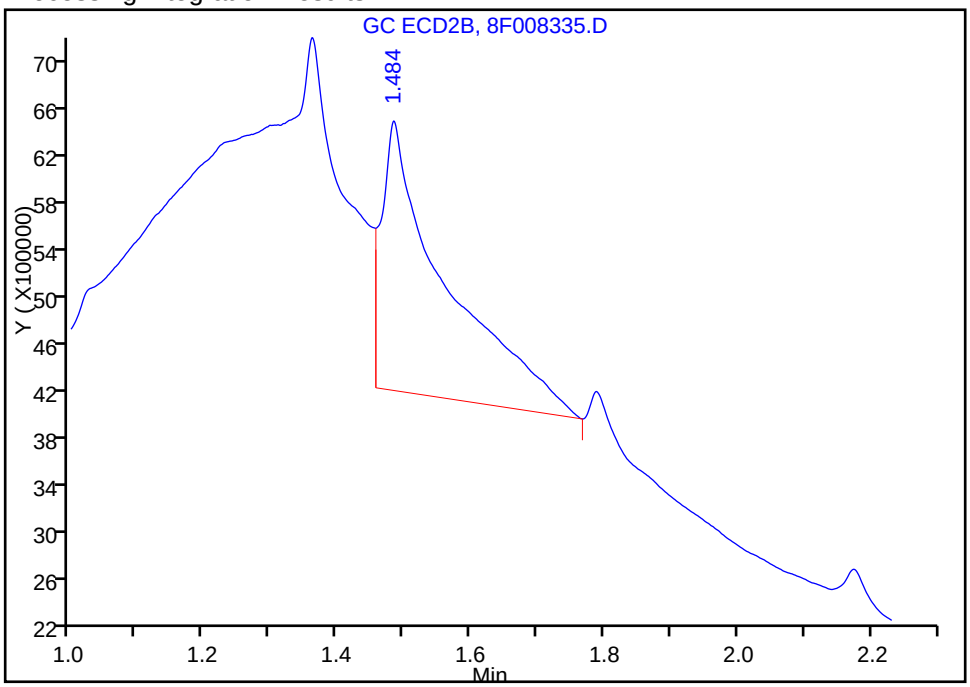
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008335.D				
Injection Date:	11-Nov-2015 02:20:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-1-C	Lab Sample ID:	460-104096-1		
Client ID:	PMP-10-NW2-WT				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

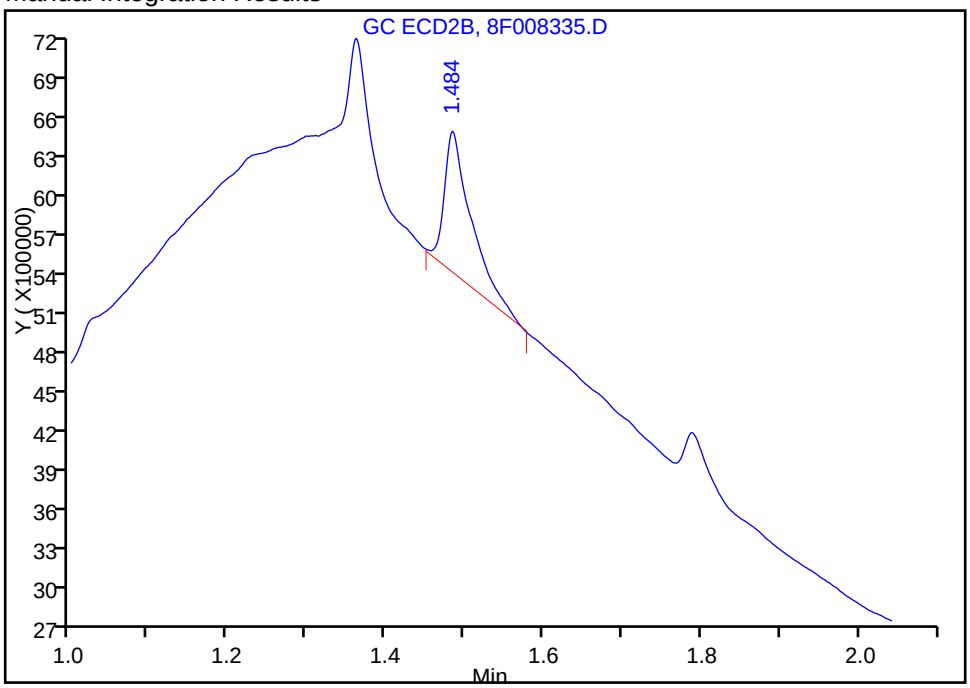
Processing Integration Results

RT: 1.48
Area: 15035504
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.48
Area: 2534118
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:14:16
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-WT | Lab Sample ID: 460-104096-2

Matrix: Solid | Lab File ID: 8F008366.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:04

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0064(g) | Date Analyzed: 11/11/2015 11:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	22000		14000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008366.D
Lims ID: 460-104096-A-2-A Lab Sample ID: 460-104096-2
Client ID: PMP-2-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 11:45:26 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info: 460-0034110-009
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 12:28:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.691	1.688	0.003	3206385	20.0	
2	1.466	1.468	-0.002	2587841	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.318	3.311	0.007	2983093	1088.5	
1	3.839	3.831	0.008	6144318	1065.2	
1	4.412	4.403	0.009	11689188	1084.9	
1	4.583	4.575	0.008	5305106	1074.1	
1	5.760	5.750	0.010	4817203	1045.2	
		Average of Peak Amounts =			1071.6	
2	2.558	2.560	-0.002	2657554	1148.7	
2	2.954	2.957	-0.003	5371331	1195.3	
2	3.478	3.480	-0.002	9773001	1103.9	
2	3.633	3.635	-0.002	3632852	1021.1	
2	4.116	4.117	-0.001	3814497	957.7	M
		Average of Peak Amounts =			1085.3	
					RPD = 1.28	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	7.251	7.242	0.009	1718402	155.4	M
1	7.729	7.718	0.011	2267972	175.2	
1	9.570	9.557	0.013	1153240	151.8	M
1	9.984	9.965	0.019	2438693	134.7	
1	0.000	10.991	-10.991	0	0	
		Average of Peak Amounts =			154.3	
2	5.597	5.597	0.000	1536497	159.2	M
2	7.111	7.112	-0.001	1124990	137.3	M
2	7.784	7.786	-0.002	2577960	141.3	
2	8.450	8.451	-0.001	1395597	141.2	M
2	0.000	9.834	-9.834	0	0	
		Average of Peak Amounts =			144.8	
				RPD =	6.36	

QC Flag Legend

Review Flags

M - Manually Integrated

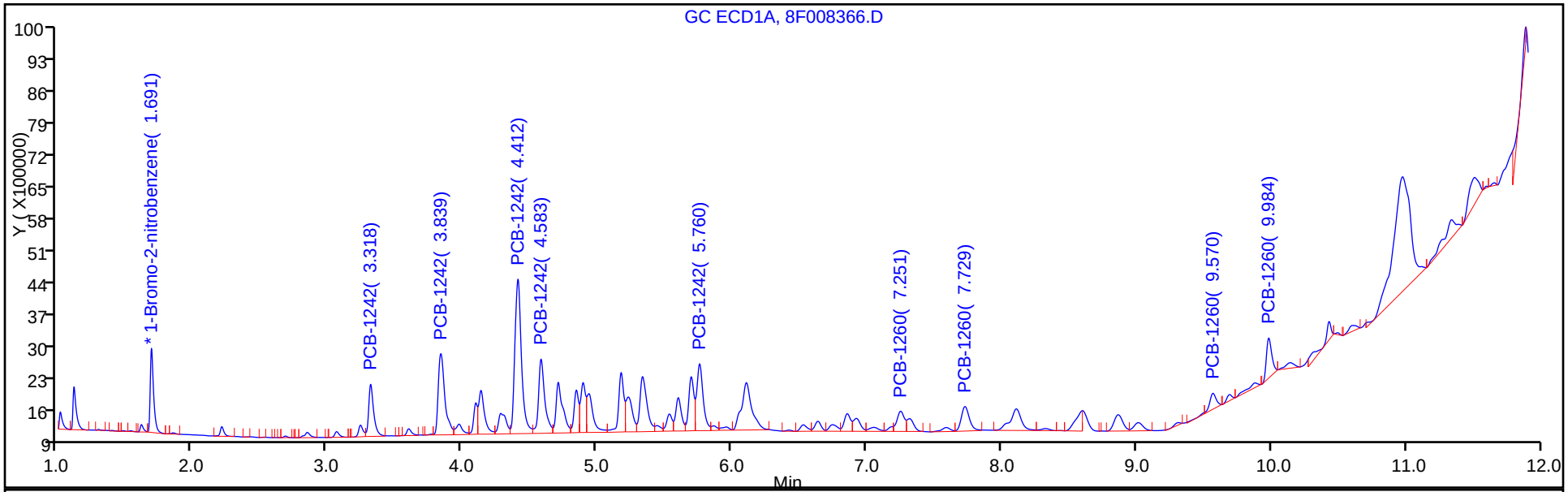
Reagents:

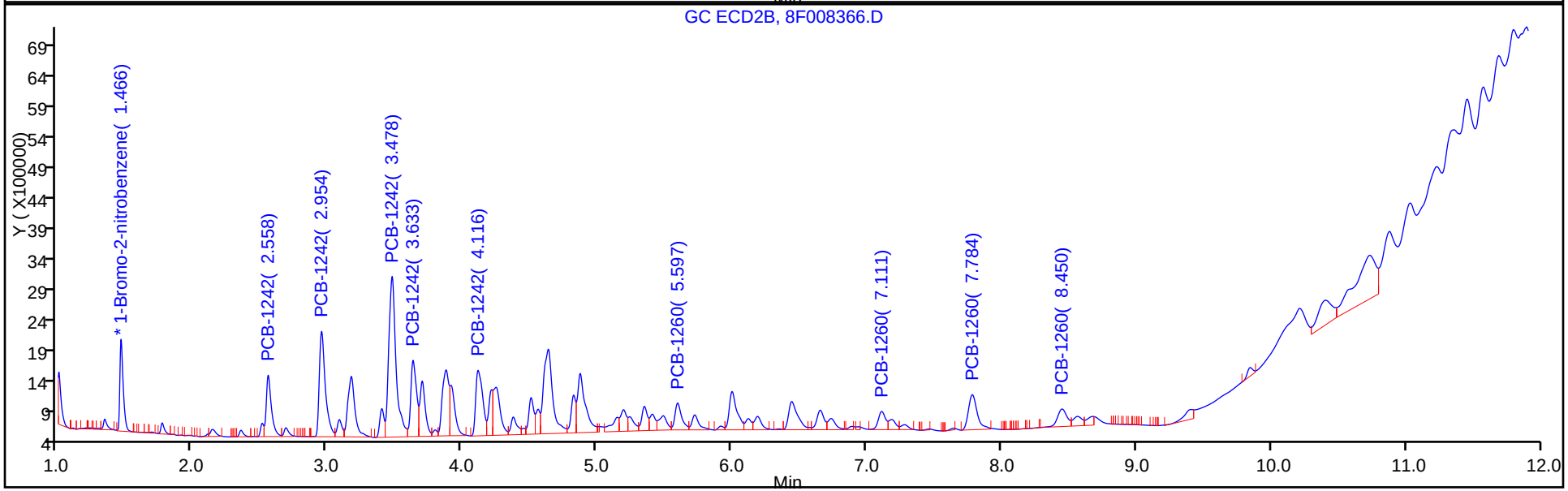
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:32:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008366.D				
Injection Date:	11-Nov-2015 11:45:26	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-2-A	Lab Sample ID:	460-104096-2	Worklist Smp#:	9
Client ID:	PMP-2-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	9
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-WT | Lab Sample ID: 460-104096-2

Matrix: Solid | Lab File ID: 8F008366.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:04

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0064(g) | Date Analyzed: 11/11/2015 11:45

Con. Extract Vol.: 10(mL) | Dilution Factor: 200

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	1900	U	14000	1900
11104-28-2	Aroclor 1221	1900	U	14000	1900
11141-16-5	Aroclor 1232	1900	U	14000	1900
53469-21-9	Aroclor 1242	150000		14000	1900
12672-29-6	Aroclor 1248	1900	U	14000	1900
11097-69-1	Aroclor 1254	1900	U	14000	1900
37324-23-5	Aroclor 1262	1900	U	14000	1900
11100-14-4	Aroclor 1268	1900	U	14000	1900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008366.D
Lims ID: 460-104096-A-2-A Lab Sample ID: 460-104096-2
Client ID: PMP-2-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 11:45:26 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 200.0000
Sample Info: 460-0034110-009
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 12:28:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.691	1.688	0.003	3206385	20.0	
2	1.466	1.468	-0.002	2587841	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.318	3.311	0.007	2983093	1088.5	
1	3.839	3.831	0.008	6144318	1065.2	
1	4.412	4.403	0.009	11689188	1084.9	
1	4.583	4.575	0.008	5305106	1074.1	
1	5.760	5.750	0.010	4817203	1045.2	
		Average of Peak Amounts =			1071.6	
2	2.558	2.560	-0.002	2657554	1148.7	
2	2.954	2.957	-0.003	5371331	1195.3	
2	3.478	3.480	-0.002	9773001	1103.9	
2	3.633	3.635	-0.002	3632852	1021.1	
2	4.116	4.117	-0.001	3814497	957.7	M
		Average of Peak Amounts =			1085.3	
					RPD = 1.28	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	7.251	7.242	0.009	1718402	155.4	M
1	7.729	7.718	0.011	2267972	175.2	
1	9.570	9.557	0.013	1153240	151.8	M
1	9.984	9.965	0.019	2438693	134.7	
1	0.000	10.991	-10.991	0	0	
		Average of Peak Amounts =			154.3	
2	5.597	5.597	0.000	1536497	159.2	M
2	7.111	7.112	-0.001	1124990	137.3	M
2	7.784	7.786	-0.002	2577960	141.3	
2	8.450	8.451	-0.001	1395597	141.2	M
2	0.000	9.834	-9.834	0	0	
		Average of Peak Amounts =			144.8	
				RPD =	6.36	

QC Flag Legend

Review Flags

M - Manually Integrated

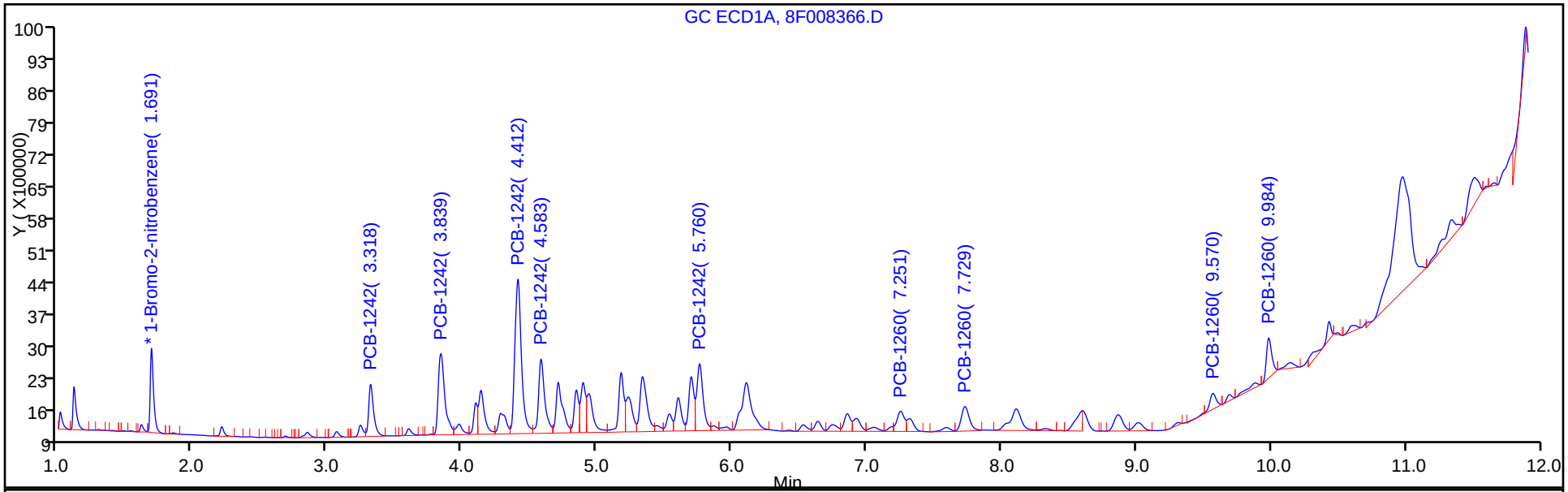
Reagents:

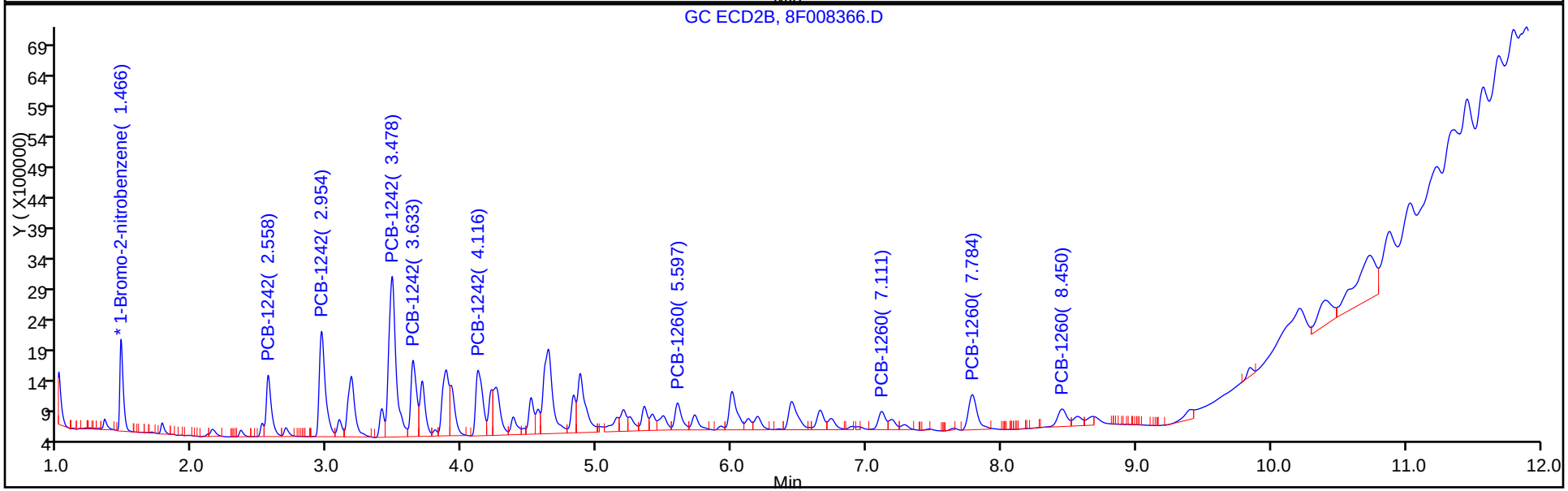
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:32:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008366.D				
Injection Date:	11-Nov-2015 11:45:26	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-2-A	Lab Sample ID:	460-104096-2	Worklist Smp#:	9
Client ID:	PMP-2-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	200.0000	ALS Bottle#:	9
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





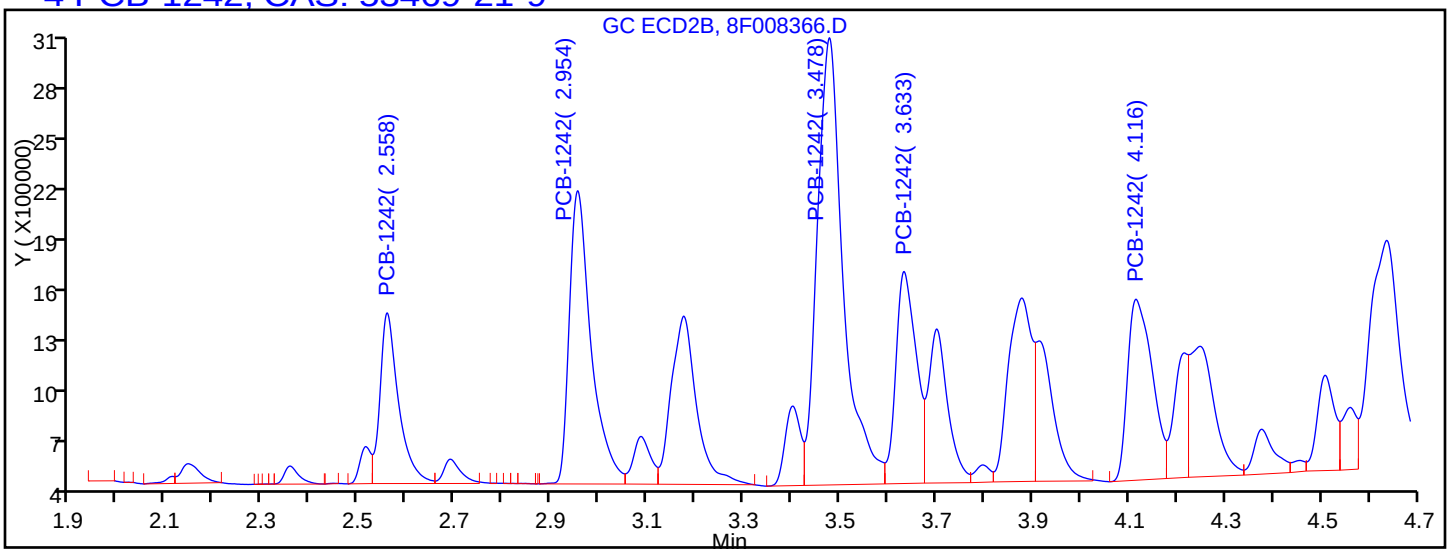
Report Date: 11-Nov-2015 15:32:57 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008366.D

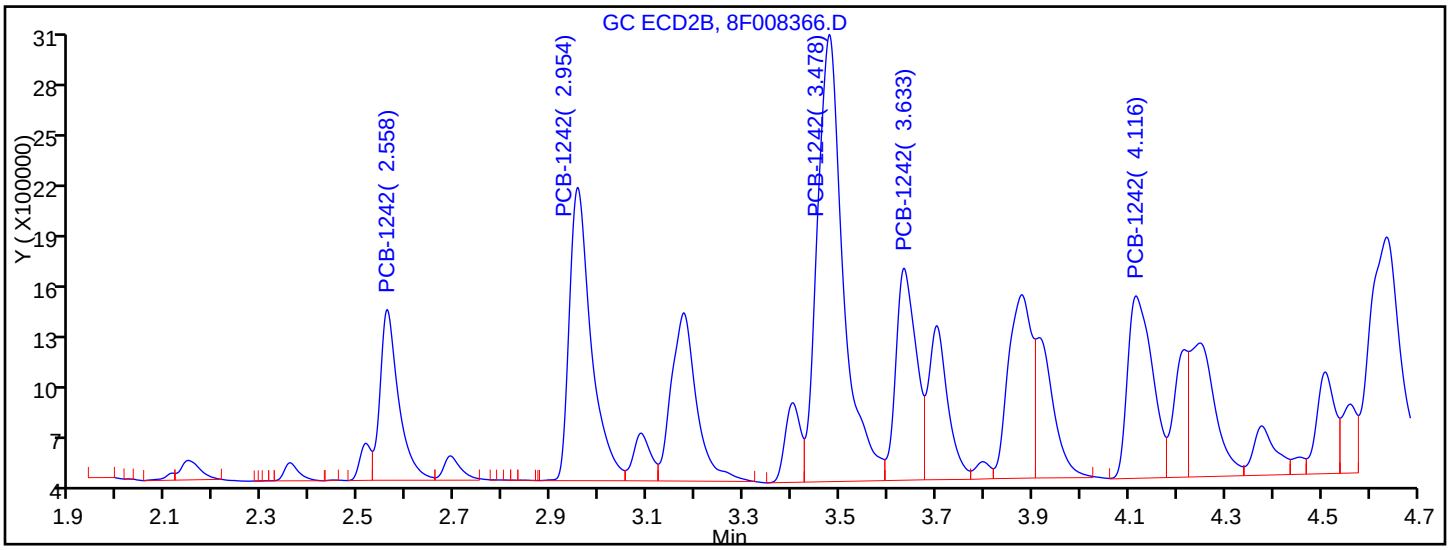
Injection Date:	11-Nov-2015 11:45:26	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-2-A	Lab Sample ID:	460-104096-2		
Client ID:	PMP-2-NW2-WT				
Operator ID:	615	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	200.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.558	Response = 2657554	
RT = 2.954	Response = 5371331	
RT = 3.478	Response = 9773001	
RT = 3.633	Response = 3632852	
RT = 4.116	Response = 3755560	M



Manual Integration Results

RT = 2.558	Response = 2657554	
RT = 2.954	Response = 5371331	
RT = 3.478	Response = 9773001	
RT = 3.633	Response = 3632852	
RT = 4.116	Response = 3814497	M

Reviewer: patelji, 11-Nov-2015 12:28:35

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-S | Lab Sample ID: 460-104096-3

Matrix: Solid | Lab File ID: 8F008337.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:06

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0091(g) | Date Analyzed: 11/11/2015 02:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89	p D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D
Lims ID: 460-104096-A-3-A Lab Sample ID: 460-104096-3
Client ID: PMP-2-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 02:52:07 ALS Bottle#: 42 Worklist Smp#: 42
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034065-042
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 03:42:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3253933	20.0	
2	1.471	1.472	-0.001	2150169	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.312	-0.001	5933481	2133.4	M
1	3.832	3.832	0.000	11700209	1998.8	
1	4.403	4.404	-0.001	21533074	1969.3	M
1	4.574	4.575	-0.001	9702908	1935.8	M
1	5.749	5.752	-0.003	10288331	2199.7	M
		Average of Peak Amounts =			2047.4	
2	2.565	2.562	0.003	4361666	2269.1	
2	2.961	2.958	0.003	9041565	2421.6	
2	0.000	3.481	-3.481	0	0	
2	3.638	3.636	0.002	7230789	2446.0	
2	4.120	4.119	0.001	7465859	2256.0	
		Average of Peak Amounts =			2348.1	
					RPD = 13.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	7.303	7.241	0.062	2568997	229.0	
1	7.713	7.717	-0.004	5023460	382.4	
1	9.551	9.557	-0.006	3026173	392.5	
1	9.953	9.969	-0.016	7688664	418.3	
1	10.949	11.001	-0.052	1923968	408.9	
		Average of Peak Amounts =			366.2	
2	5.600	5.599	0.001	3037116	378.8	
2	7.116	7.113	0.003	2549462	374.6	
2	7.790	7.786	0.004	6434327	424.4	
2	8.454	8.451	0.003	2837576	345.5	
2	9.827	9.836	-0.009	1597665	491.6	
		Average of Peak Amounts =			403.0	
					RPD = 9.56	
$ 11 DCB Decachlorobiphenyl						M
1	11.435	11.444	-0.009	131263	0.8914	M
2	10.381	10.385	-0.004	161938	1.44	M
					RPD = 46.99	

QC Flag Legend

Review Flags

M - Manually Integrated

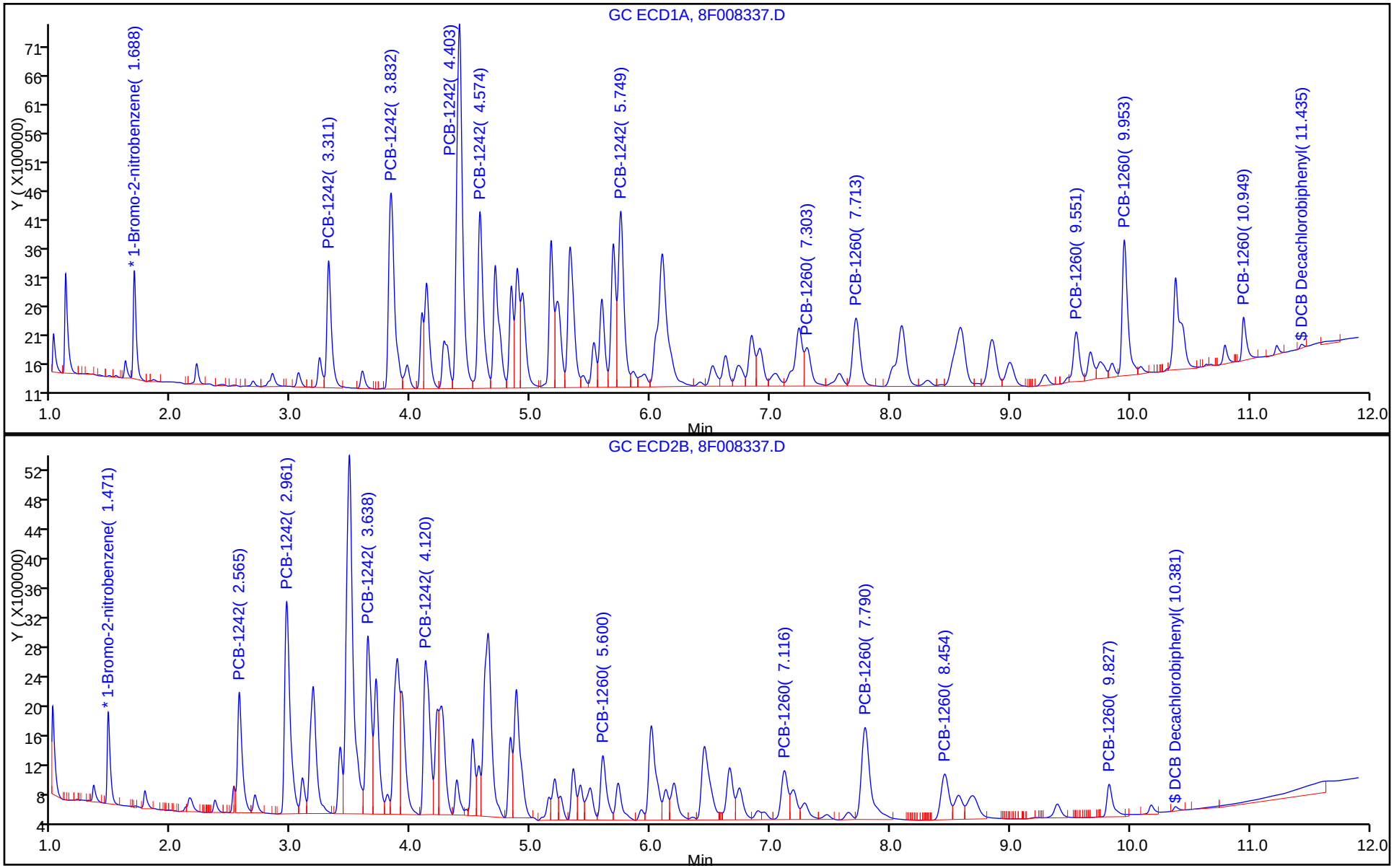
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D				
Injection Date:	11-Nov-2015 02:52:07	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-3-A	Lab Sample ID:	460-104096-3	Worklist Smp#:	42
Client ID:	PMP-2-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	42
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

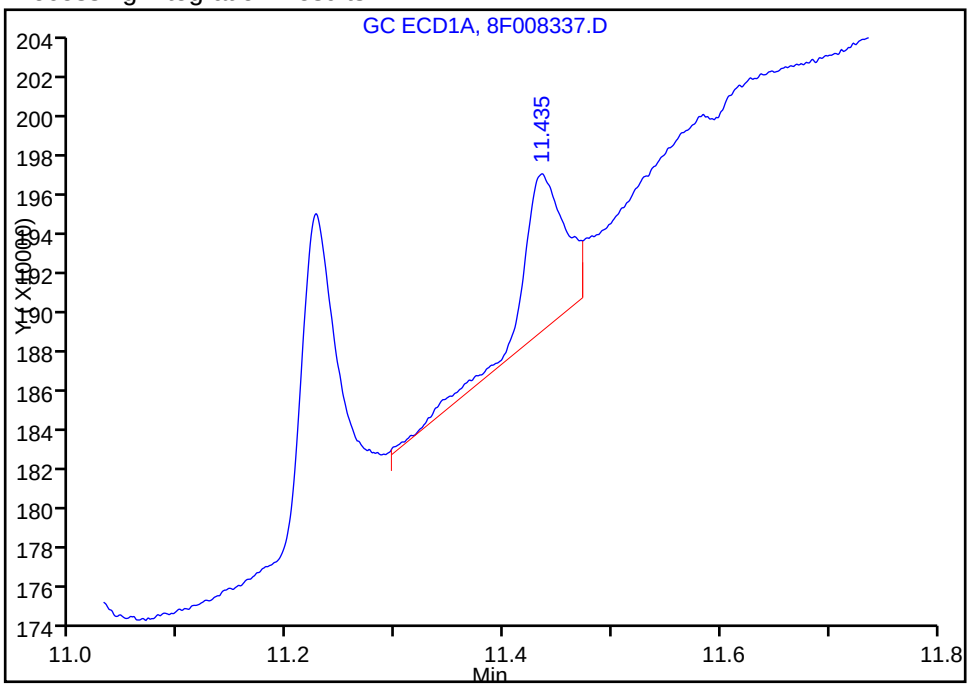
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D				
Injection Date:	11-Nov-2015 02:52:07	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-3-A	Lab Sample ID:	460-104096-3		
Client ID:	PMP-2-NW2-S				
Operator ID:	615	ALS Bottle#:	42	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

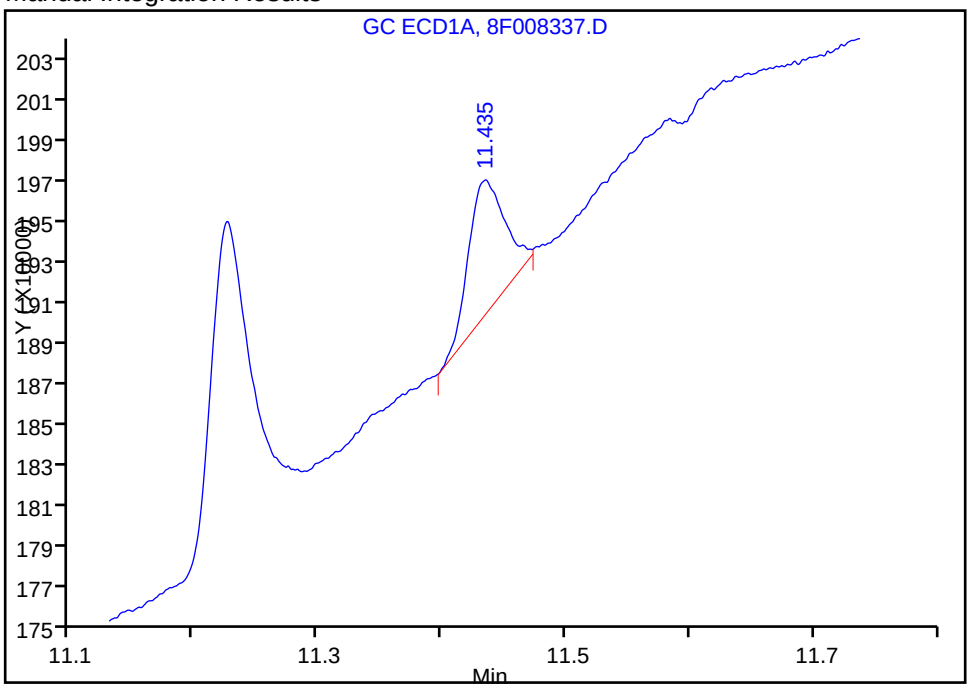
Processing Integration Results

RT: 11.44
Area: 214199
Amount: 1.454595
Amount Units: ug/l



Manual Integration Results

RT: 11.44
Area: 131263
Amount: 0.891388
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:26:45
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

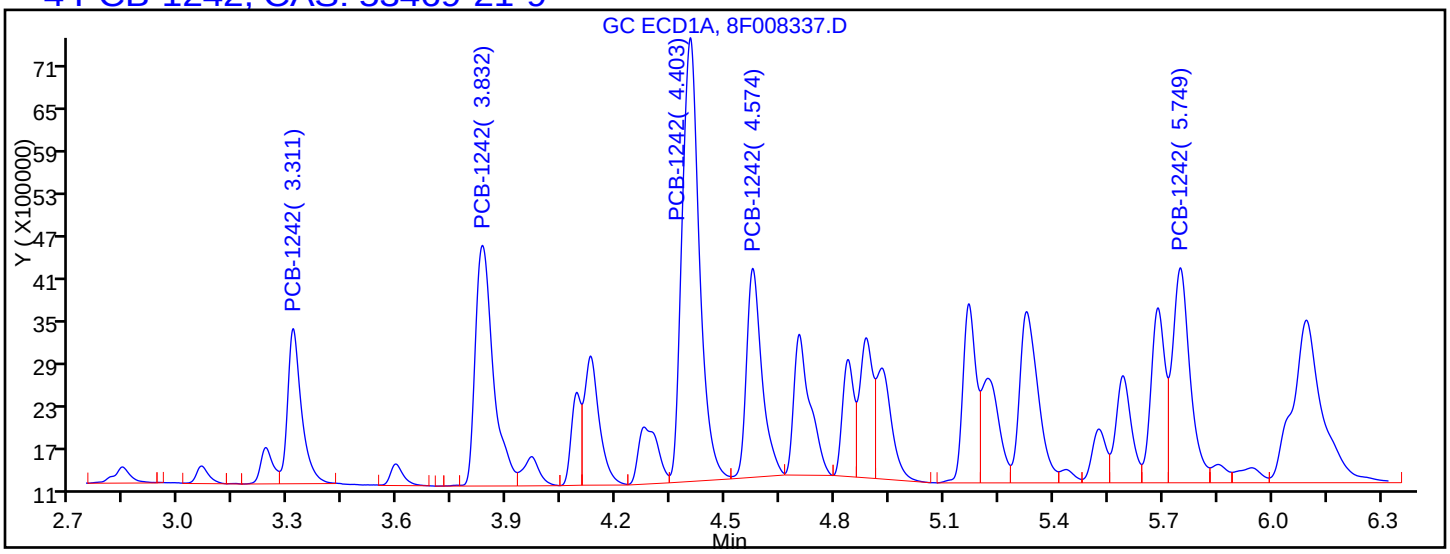
Report Date: 11-Nov-2015 13:12:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D

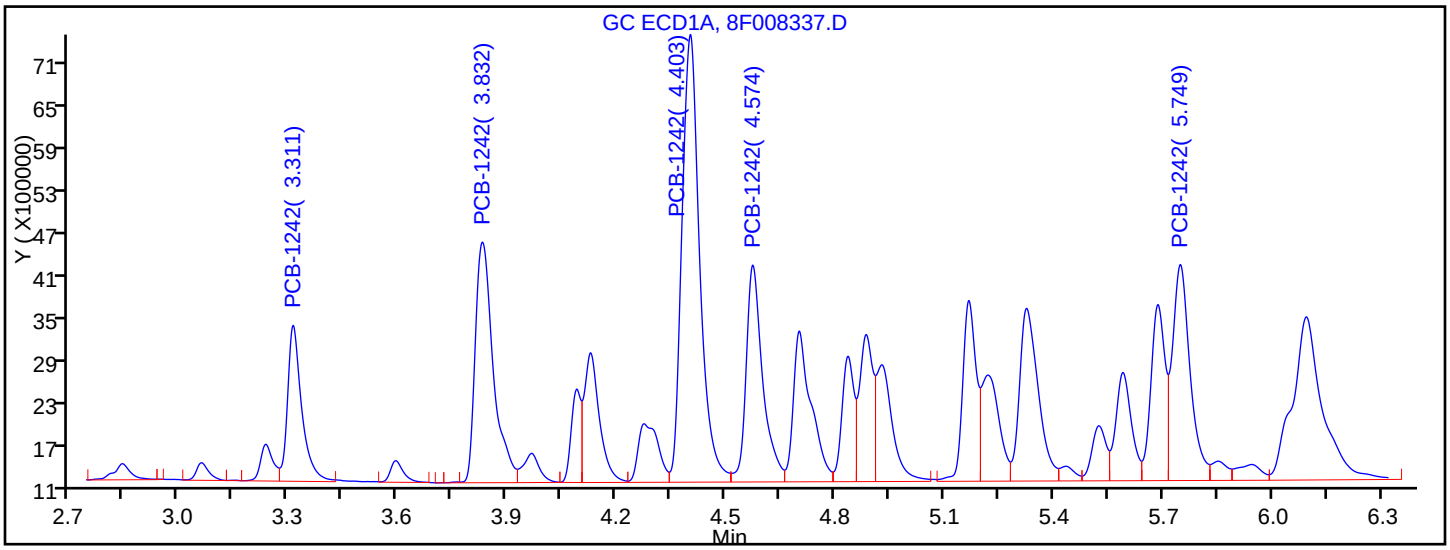
Injection Date:	11-Nov-2015 02:52:07	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-3-A	Lab Sample ID:	460-104096-3		
Client ID:	PMP-2-NW2-S				
Operator ID:	615	ALS Bottle#:	42	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.311	Response = 5799097	M
RT = 3.832	Response = 11700209	
RT = 4.403	Response = 20879992	M
RT = 4.574	Response = 8671967	M
RT = 5.749	Response = 10188941	M



Manual Integration Results

RT = 3.311	Response = 5933481	M
RT = 3.832	Response = 11700209	
RT = 4.403	Response = 21533074	M
RT = 4.574	Response = 9702908	M
RT = 5.749	Response = 10288331	M

Reviewer: patelji, 11-Nov-2015 11:26:45

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-S | Lab Sample ID: 460-104096-3

Matrix: Solid | Lab File ID: 8F008337.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:06

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0091(g) | Date Analyzed: 11/11/2015 02:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	470	U	3600	470
11104-28-2	Aroclor 1221	470	U	3600	470
11141-16-5	Aroclor 1232	470	U	3600	470
53469-21-9	Aroclor 1242	83000		3600	470
12672-29-6	Aroclor 1248	470	U	3600	470
11097-69-1	Aroclor 1254	490	U	3600	490
11096-82-5	Aroclor 1260	14000		3600	490
37324-23-5	Aroclor 1262	490	U	3600	490
11100-14-4	Aroclor 1268	490	U	3600	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	144	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D
Lims ID: 460-104096-A-3-A Lab Sample ID: 460-104096-3
Client ID: PMP-2-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 02:52:07 ALS Bottle#: 42 Worklist Smp#: 42
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034065-042
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 03:42:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3253933	20.0	
2	1.471	1.472	-0.001	2150169	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.312	-0.001	5933481	2133.4	M
1	3.832	3.832	0.000	11700209	1998.8	
1	4.403	4.404	-0.001	21533074	1969.3	M
1	4.574	4.575	-0.001	9702908	1935.8	M
1	5.749	5.752	-0.003	10288331	2199.7	M
		Average of Peak Amounts =			2047.4	
2	2.565	2.562	0.003	4361666	2269.1	
2	2.961	2.958	0.003	9041565	2421.6	
2	0.000	3.481	-3.481	0	0	
2	3.638	3.636	0.002	7230789	2446.0	
2	4.120	4.119	0.001	7465859	2256.0	
		Average of Peak Amounts =			2348.1	
					RPD = 13.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						
1	7.303	7.241	0.062	2568997	229.0	
1	7.713	7.717	-0.004	5023460	382.4	
1	9.551	9.557	-0.006	3026173	392.5	
1	9.953	9.969	-0.016	7688664	418.3	
1	10.949	11.001	-0.052	1923968	408.9	
		Average of Peak Amounts =			366.2	
2	5.600	5.599	0.001	3037116	378.8	
2	7.116	7.113	0.003	2549462	374.6	
2	7.790	7.786	0.004	6434327	424.4	
2	8.454	8.451	0.003	2837576	345.5	
2	9.827	9.836	-0.009	1597665	491.6	
		Average of Peak Amounts =			403.0	
					RPD = 9.56	
$ 11 DCB Decachlorobiphenyl						M
1	11.435	11.444	-0.009	131263	0.8914	M
2	10.381	10.385	-0.004	161938	1.44	M
					RPD = 46.99	

QC Flag Legend

Review Flags

M - Manually Integrated

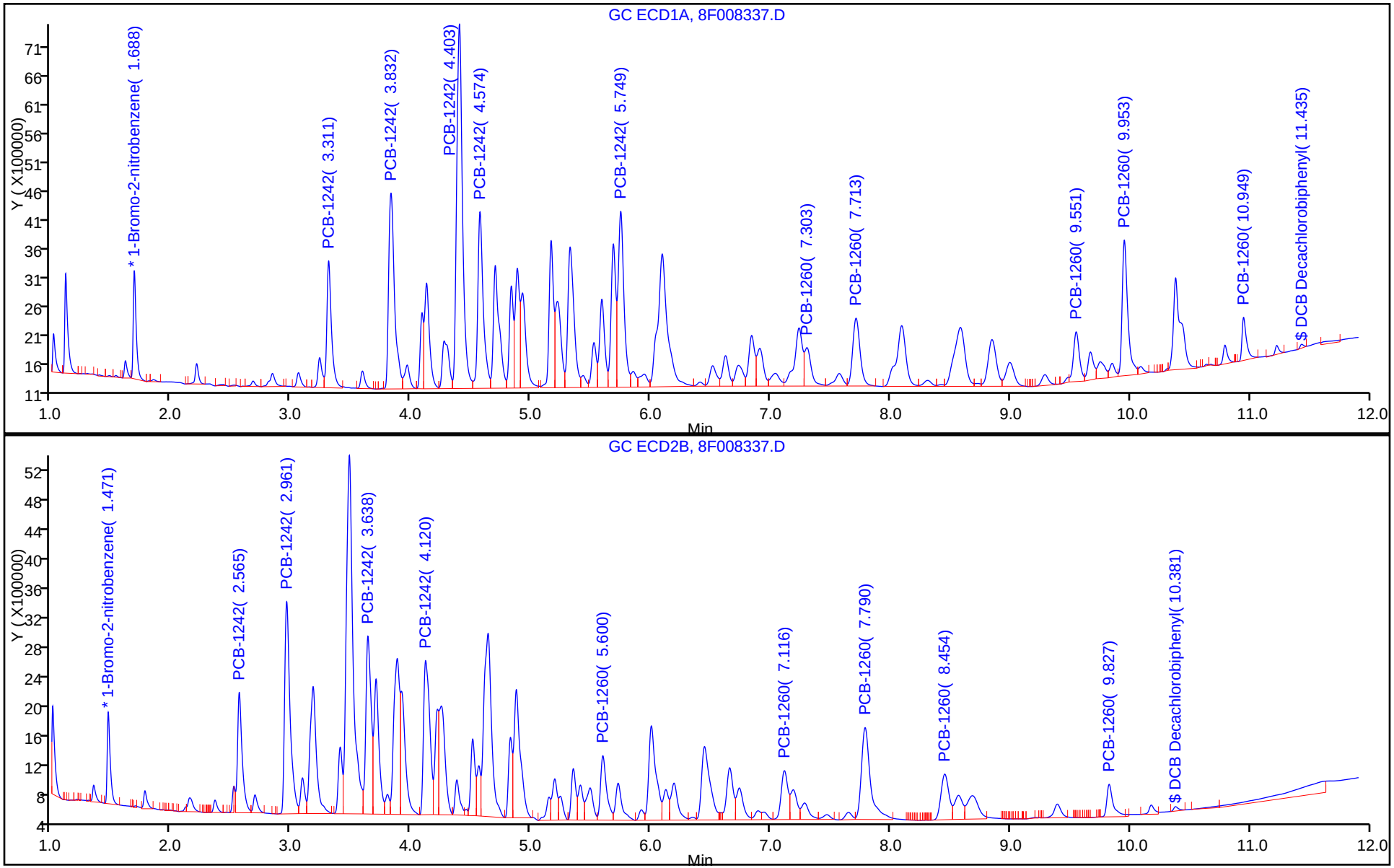
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D				
Injection Date:	11-Nov-2015 02:52:07	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-3-A	Lab Sample ID:	460-104096-3	Worklist Smp#:	42
Client ID:	PMP-2-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	42
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

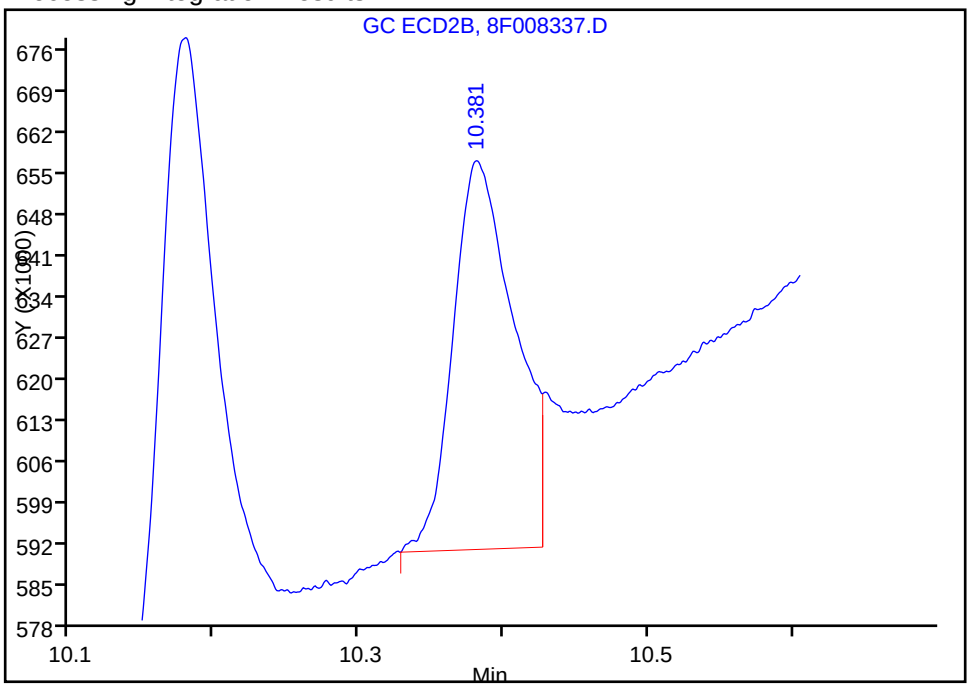
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008337.D				
Injection Date:	11-Nov-2015 02:52:07	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-3-A	Lab Sample ID:	460-104096-3		
Client ID:	PMP-2-NW2-S				
Operator ID:	615	ALS Bottle#:	42	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

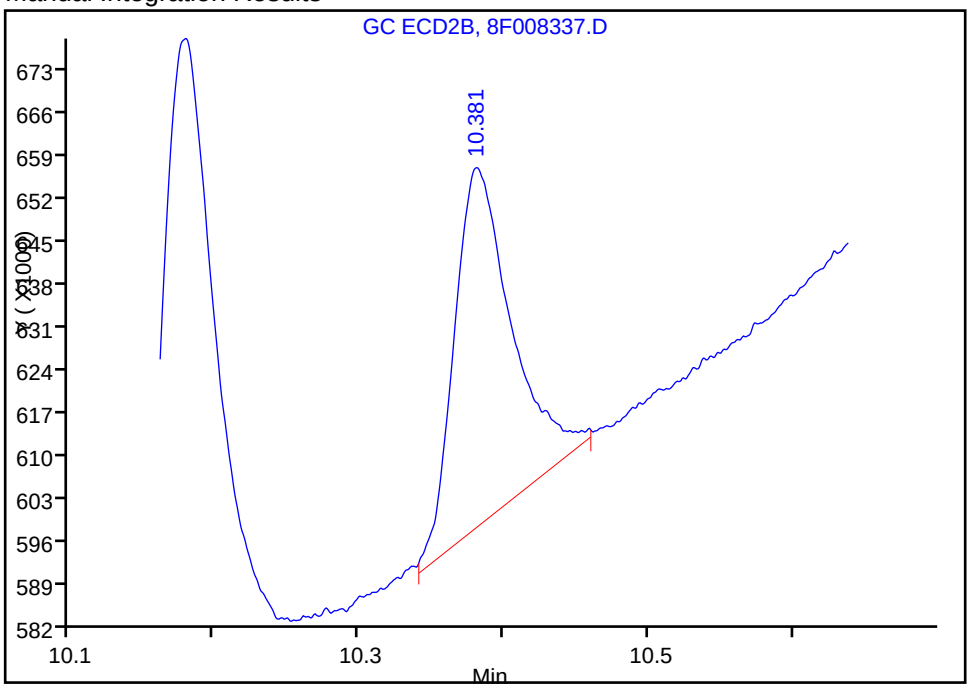
Processing Integration Results

RT: 10.38
Area: 196204
Amount: 1.743336
Amount Units: ug/l



Manual Integration Results

RT: 10.38
Area: 161938
Amount: 1.438871
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:26:45
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-12.75 | Lab Sample ID: 460-104096-4

Matrix: Solid | Lab File ID: 8F008305.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:08

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0077(g) | Date Analyzed: 11/10/2015 17:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D
Lims ID: 460-104096-A-4-A Lab Sample ID: 460-104096-4
Client ID: PMP-2-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 17:50:46 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-010
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:05:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.690	1.689	0.001	3153699	20.0	
2	1.469	1.468	0.001	2165023	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.312	-0.002	1084593	402.4	M
1	3.833	3.832	0.001	1501416	264.6	M
1	4.405	4.404	0.001	2587566	244.2	M
1	4.577	4.575	0.002	1107677	228.0	M
1	5.755	5.752	0.003	1197277	264.1	M
		Average of Peak Amounts =			280.7	
2	2.562	2.562	0.000	524159	270.8	
2	2.959	2.958	0.001	1566144	416.6	M
2	3.480	3.481	-0.001	1999788	270.0	M
2	3.635	3.636	-0.001	737531	247.8	M
2	4.117	4.119	-0.002	920157	276.1	M
		Average of Peak Amounts =			296.3	
					RPD = 5.41	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.517	11.506	0.011	7587964	53.2	
2	10.415	10.410	0.005	6866917	60.6	
					RPD = 13.06	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

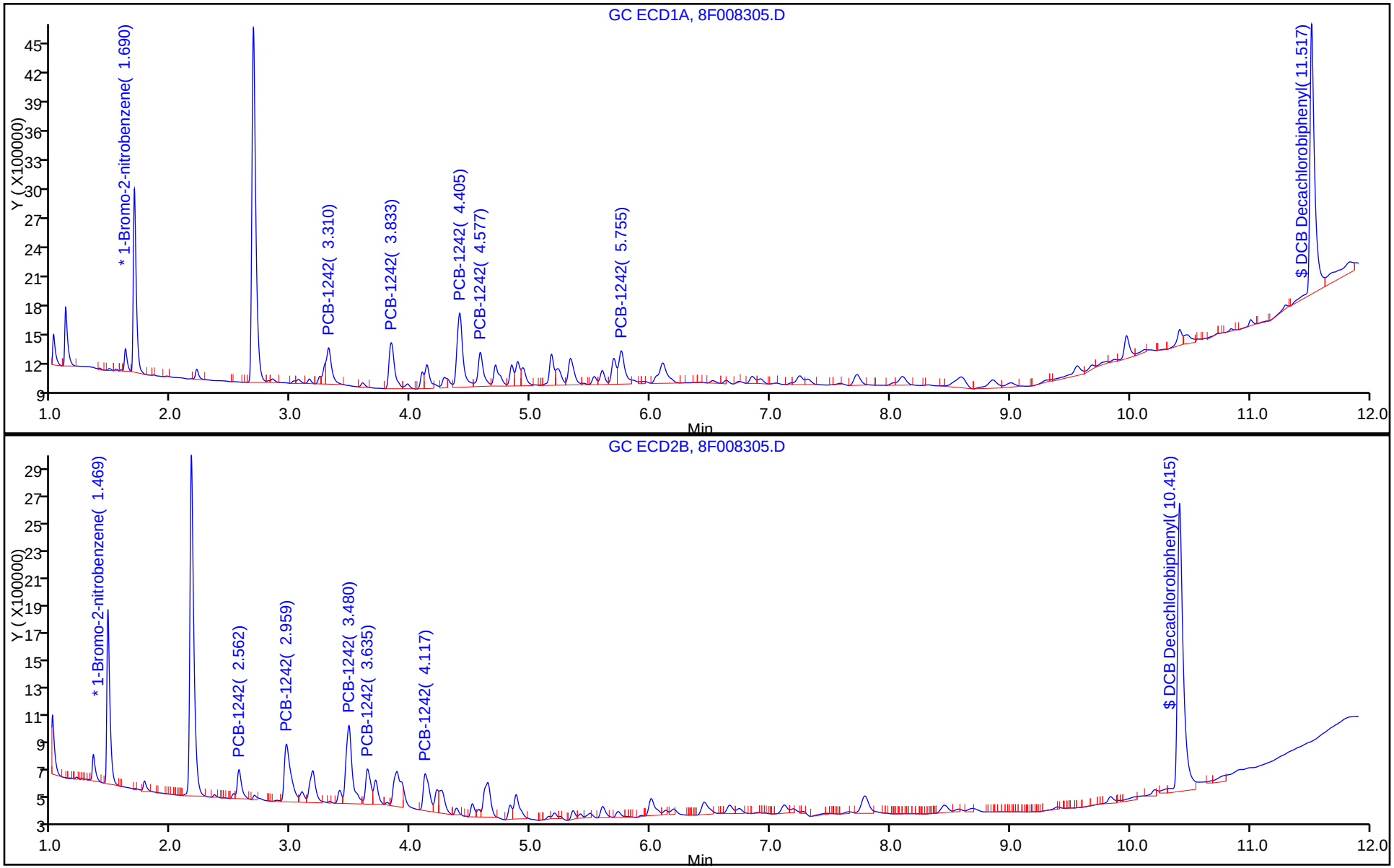
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:11:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D

Injection Date:	10-Nov-2015 17:50:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-4-A	Lab Sample ID:	460-104096-4	Worklist Smp#:	10
Client ID:	PMP-2-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



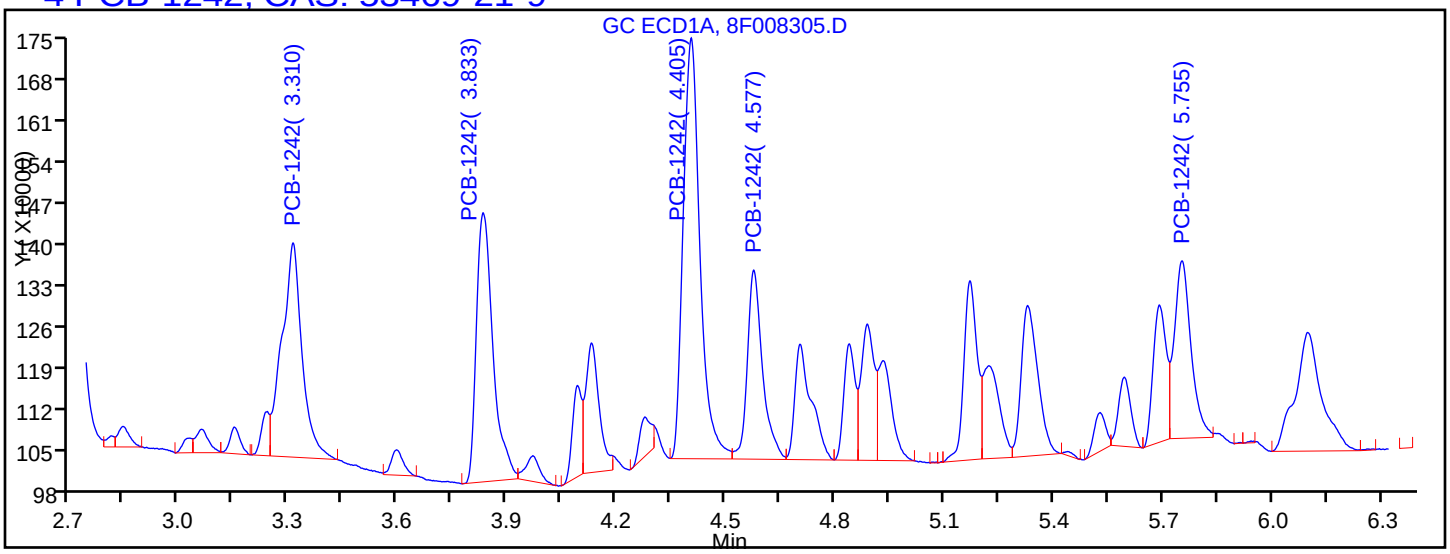
Report Date: 11-Nov-2015 13:11:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D

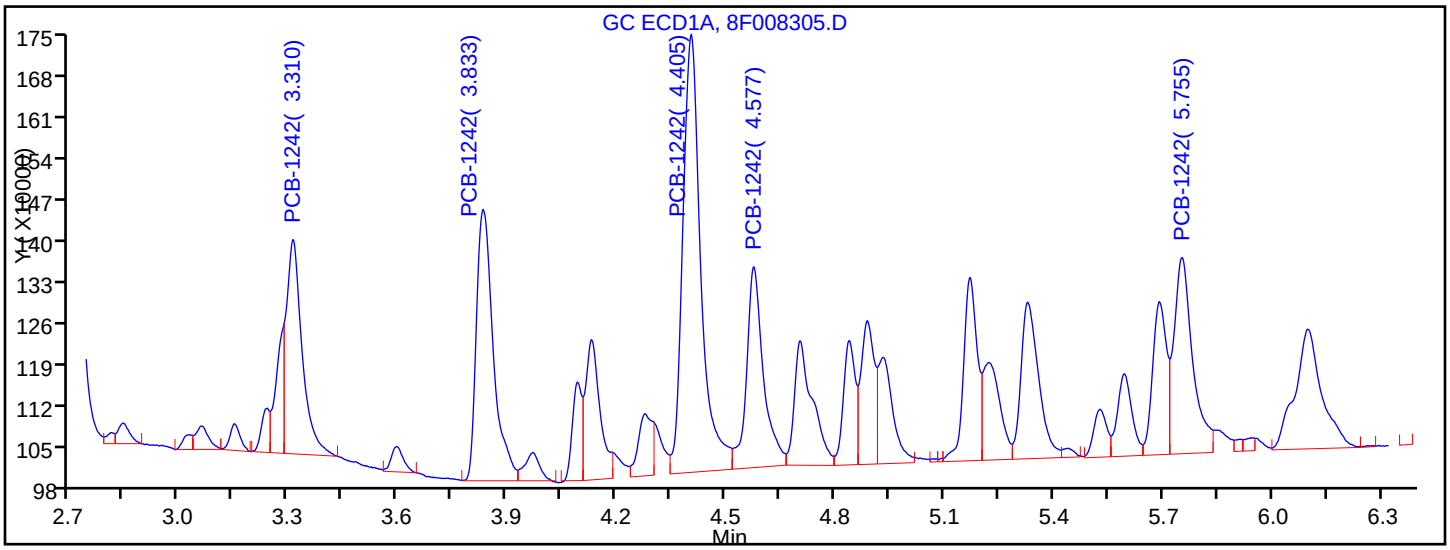
Injection Date:	10-Nov-2015 17:50:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-4-A	Lab Sample ID:	460-104096-4		
Client ID:	PMP-2-NW2-12.75				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.310	Response = 1410086	M
RT = 3.833	Response = 1457622	M
RT = 4.405	Response = 2306280	M
RT = 4.577	Response = 936966	M
RT = 5.755	Response = 970497	M



Manual Integration Results

RT = 3.310	Response = 1084593	M
RT = 3.833	Response = 1501416	M
RT = 4.405	Response = 2587566	M
RT = 4.577	Response = 1107677	M
RT = 5.755	Response = 1197277	M

Reviewer: patelji, 11-Nov-2015 11:33:18

Audit Action: Split an Integrated Peak

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-2-NW2-12.75 | Lab Sample ID: 460-104096-4

Matrix: Solid | Lab File ID: 8F008305.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:08

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0077(g) | Date Analyzed: 11/10/2015 17:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	11	U	79	11
11104-28-2	Aroclor 1221	11	U	79	11
11141-16-5	Aroclor 1232	11	U	79	11
53469-21-9	Aroclor 1242	230		79	11
12672-29-6	Aroclor 1248	11	U	79	11
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D
Lims ID: 460-104096-A-4-A Lab Sample ID: 460-104096-4
Client ID: PMP-2-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 17:50:46 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-010
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:05:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.690	1.689	0.001	3153699	20.0	
2	1.469	1.468	0.001	2165023	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.312	-0.002	1084593	402.4	M
1	3.833	3.832	0.001	1501416	264.6	M
1	4.405	4.404	0.001	2587566	244.2	M
1	4.577	4.575	0.002	1107677	228.0	M
1	5.755	5.752	0.003	1197277	264.1	M
		Average of Peak Amounts =			280.7	
2	2.562	2.562	0.000	524159	270.8	
2	2.959	2.958	0.001	1566144	416.6	M
2	3.480	3.481	-0.001	1999788	270.0	M
2	3.635	3.636	-0.001	737531	247.8	M
2	4.117	4.119	-0.002	920157	276.1	M
		Average of Peak Amounts =			296.3	
					RPD = 5.41	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.517	11.506	0.011	7587964	53.2	
2	10.415	10.410	0.005	6866917	60.6	
					RPD = 13.06	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

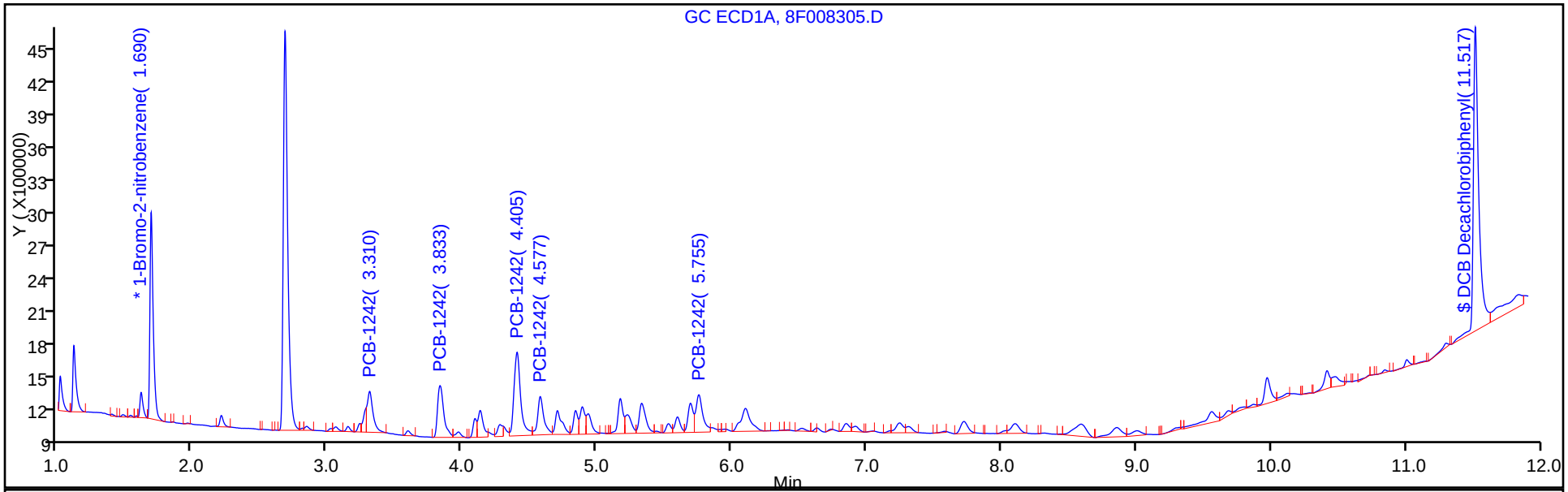
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

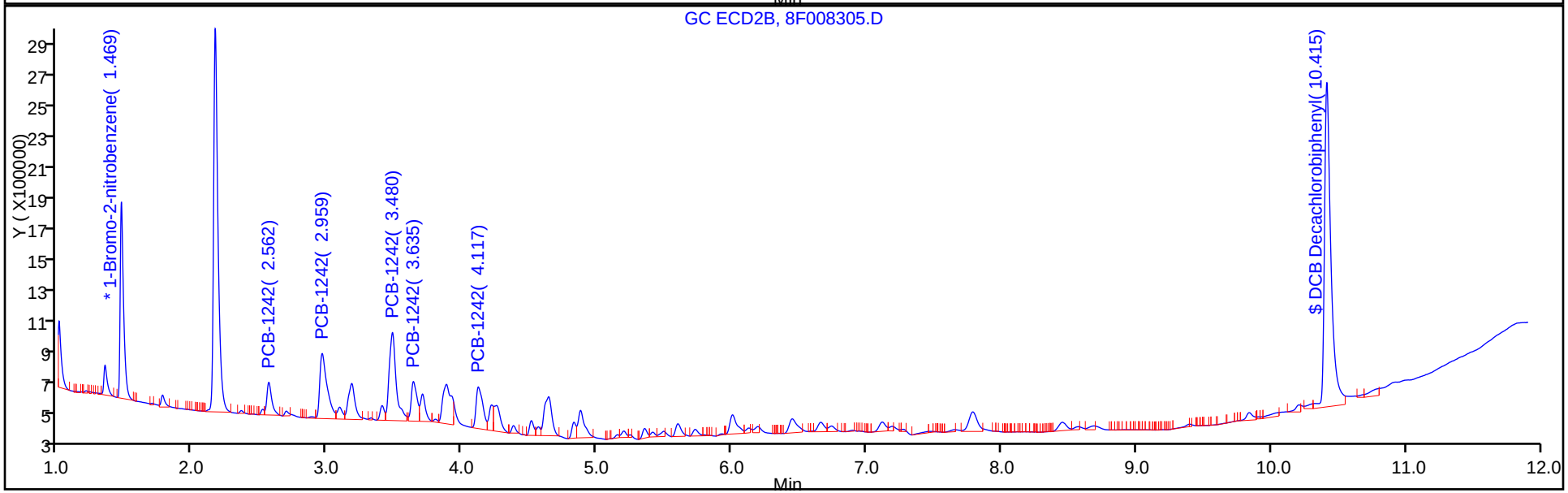
Report Date: 11-Nov-2015 13:11:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D

Injection Date:	10-Nov-2015 17:50:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-4-A	Lab Sample ID:	460-104096-4	Worklist Smp#:	10
Client ID:	PMP-2-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





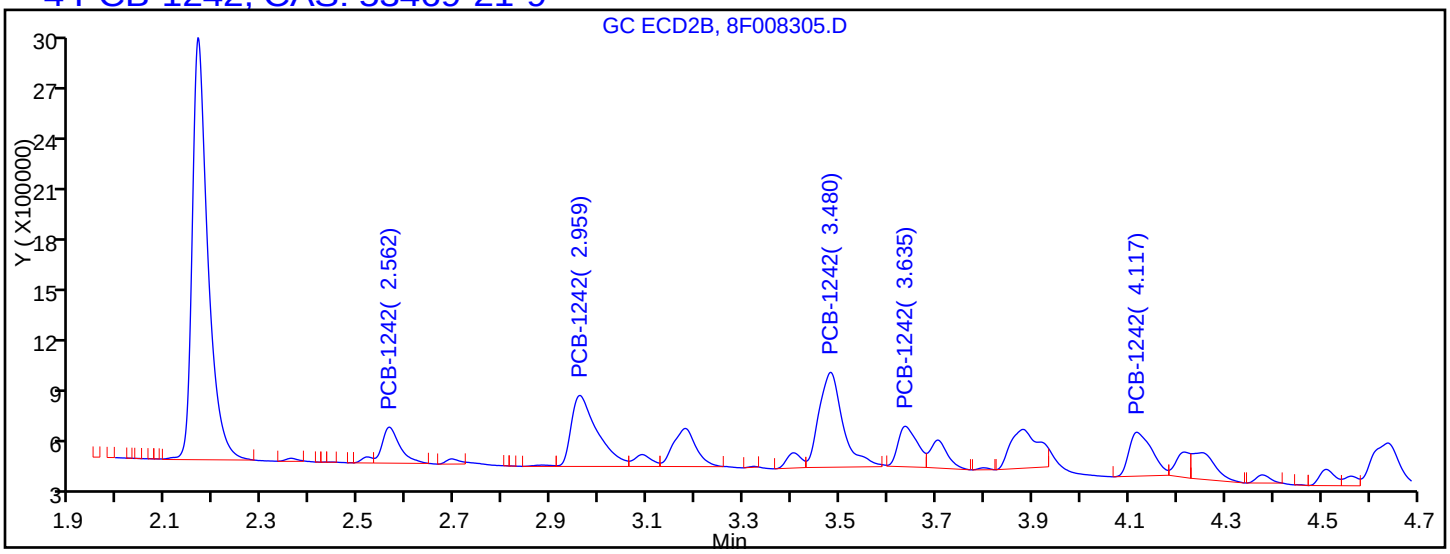
Report Date: 11-Nov-2015 13:11:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008305.D

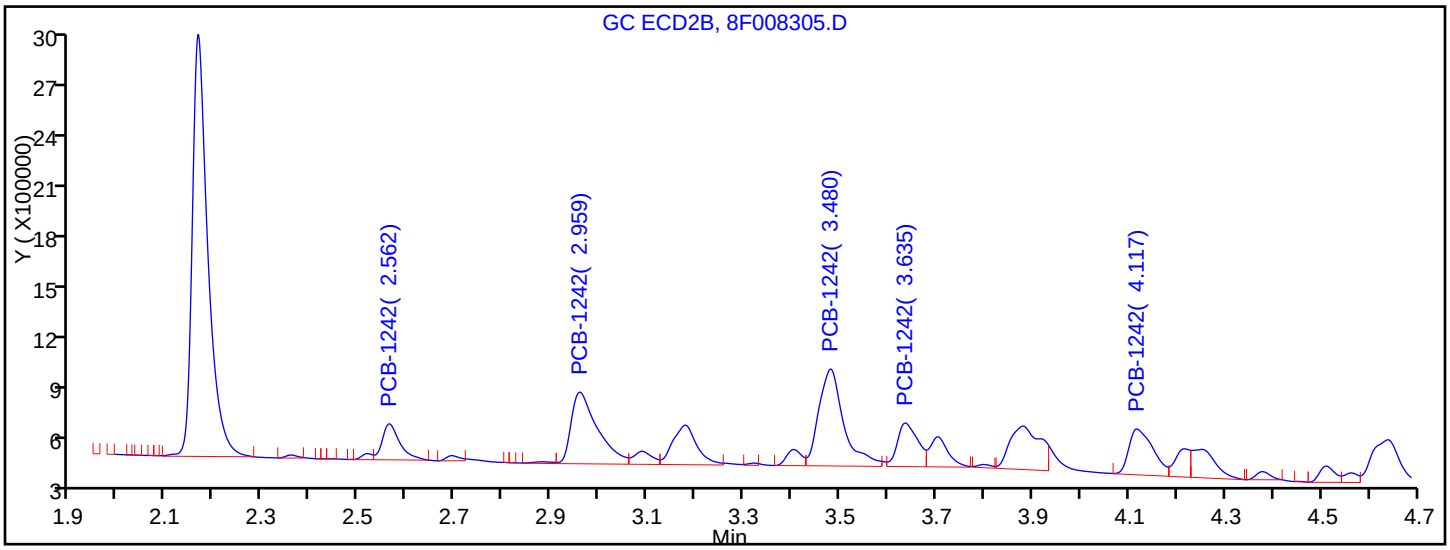
Injection Date:	10-Nov-2015 17:50:46	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-4-A	Lab Sample ID:	460-104096-4		
Client ID:	PMP-2-NW2-12.75				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.562	Response = 524159	
RT = 2.959	Response = 1527442	M
RT = 3.480	Response = 1876350	M
RT = 3.635	Response = 649626	M
RT = 4.117	Response = 830231	M



Manual Integration Results

RT = 2.562	Response = 524159	
RT = 2.959	Response = 1566144	M
RT = 3.480	Response = 1999788	M
RT = 3.635	Response = 737531	M
RT = 4.117	Response = 920157	M

Reviewer: patelji, 11-Nov-2015 11:33:18

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-23-NW2-V | Lab Sample ID: 460-104096-5

Matrix: Solid | Lab File ID: 8F008306.D

Analysis Method: 8082A | Date Collected: 11/05/2015 08:48

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/10/2015 18:07

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.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D
Lims ID: 460-104096-A-5-A Lab Sample ID: 460-104096-5
Client ID: PMP-23-NW2-V
Sample Type: Client
Inject. Date: 10-Nov-2015 18:07:55 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-011
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:50:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3165848	20.0	
2	1.468	1.468	0.000	2263206	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.521	11.506	0.015	7202342	50.3	M
2	10.416	10.410	0.006	6691475	56.5	M
					RPD = 11.64	

QC Flag Legend

Review Flags
M - Manually Integrated

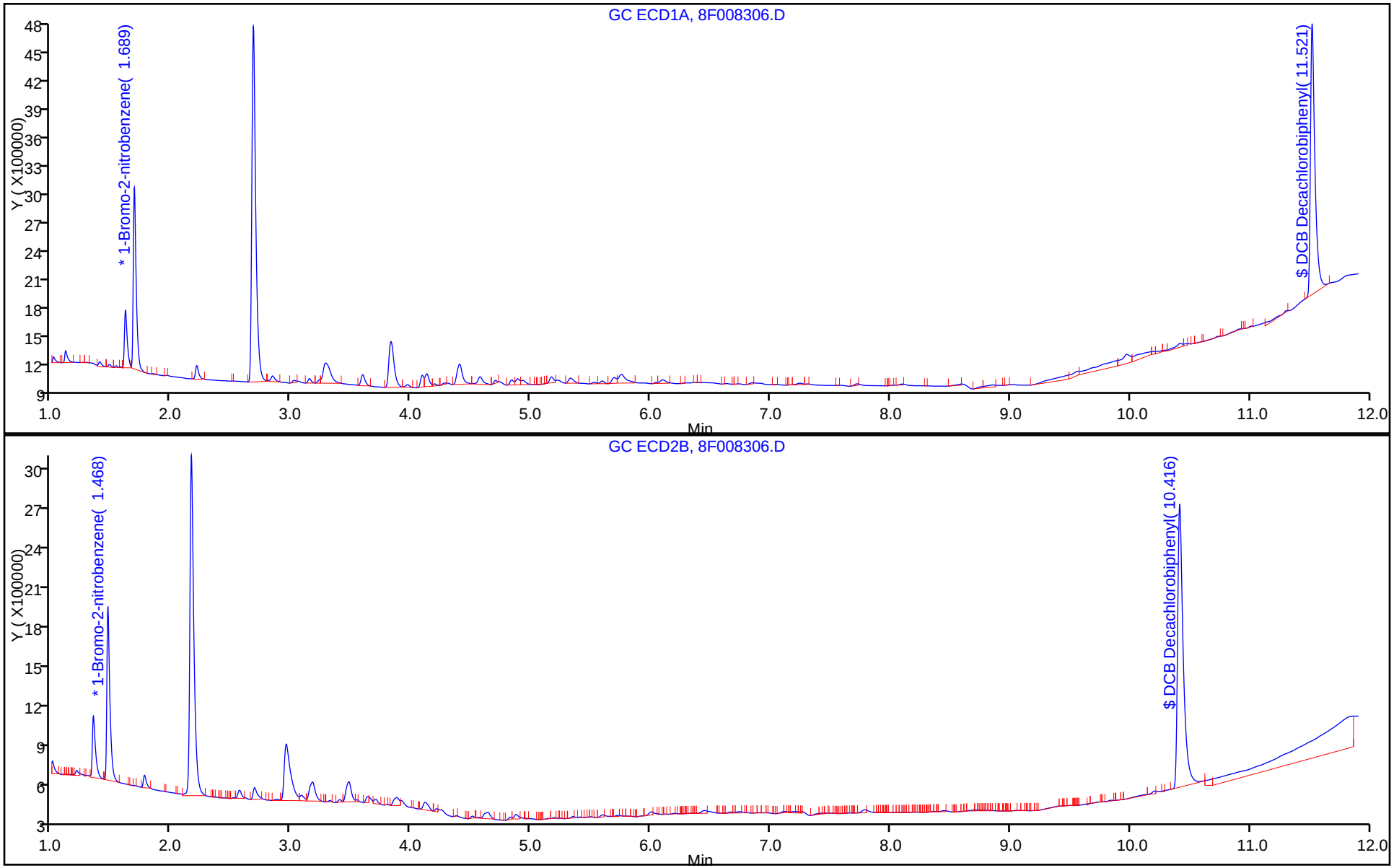
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:11:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D				
Injection Date:	10-Nov-2015 18:07:55	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-5-A	Lab Sample ID:	460-104096-5	Worklist Smp#:	11
Client ID:	PMP-23-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



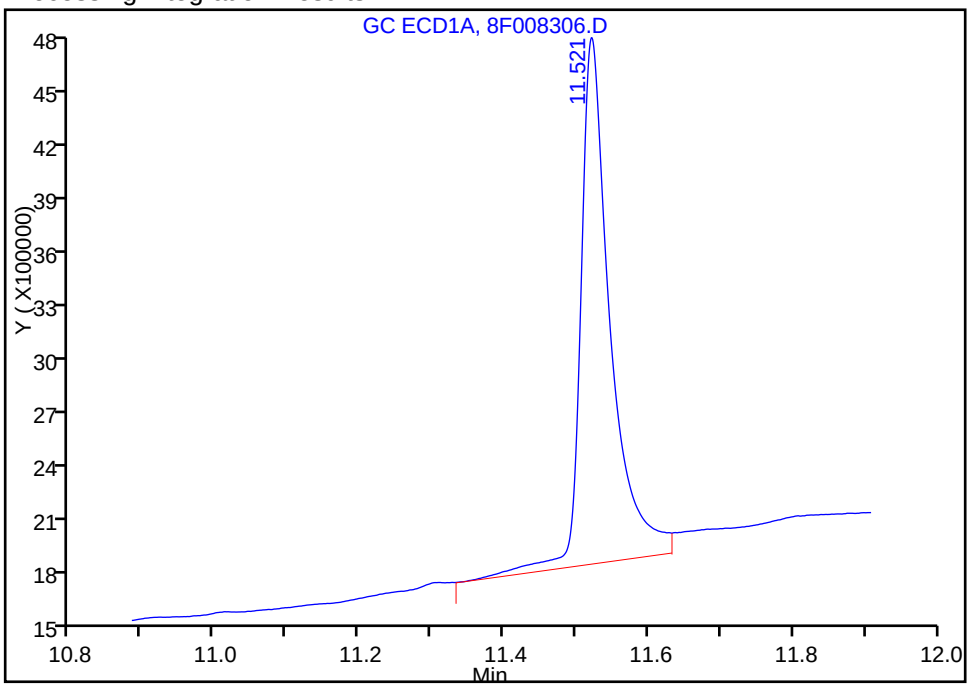
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D		
Injection Date:	10-Nov-2015 18:07:55	Instrument ID:	CPESTGC8
Lims ID:	460-104096-A-5-A	Lab Sample ID:	460-104096-5
Client ID:	PMP-23-NW2-V		
Operator ID:	615	ALS Bottle#:	11 Worklist Smp#: 11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD1A

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

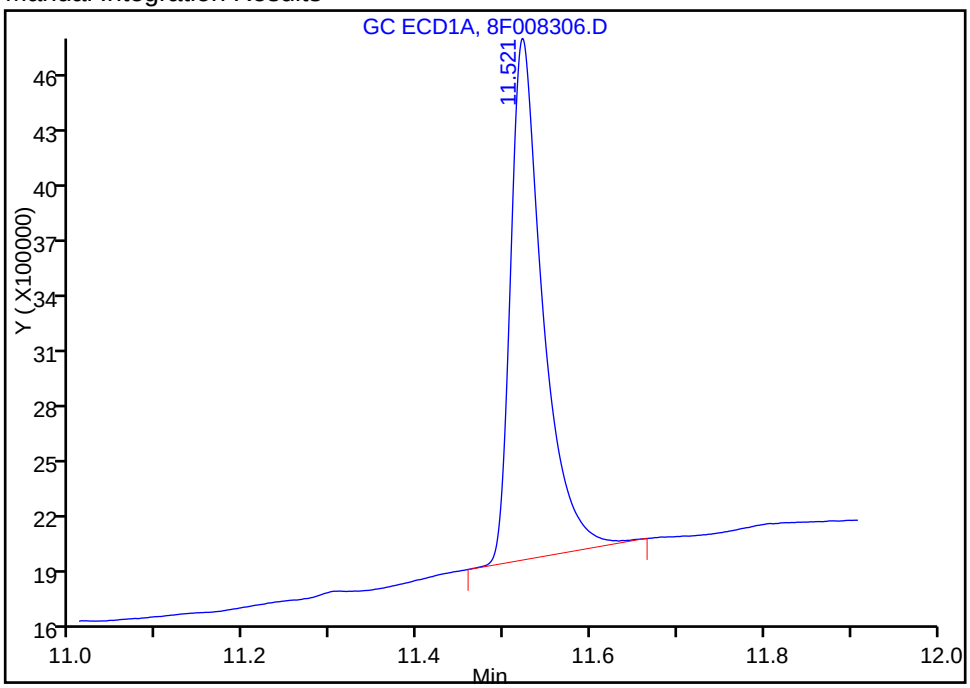
Processing Integration Results

RT: 11.52
Area: 8127900
Amount: 56.731129
Amount Units: ug/l



Manual Integration Results

RT: 11.52
Area: 7202342
Amount: 50.270918
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:33:55
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-23-NW2-V | Lab Sample ID: 460-104096-5

Matrix: Solid | Lab File ID: 8F008306.D

Analysis Method: 8082A | Date Collected: 11/05/2015 08:48

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/10/2015 18:07

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.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	72	9.6
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	9.6	U	72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	9.9	U	72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D
Lims ID: 460-104096-A-5-A Lab Sample ID: 460-104096-5
Client ID: PMP-23-NW2-V
Sample Type: Client
Inject. Date: 10-Nov-2015 18:07:55 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-011
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:50:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3165848	20.0	
2	1.468	1.468	0.000	2263206	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.521	11.506	0.015	7202342	50.3	M
2	10.416	10.410	0.006	6691475	56.5	M
					RPD = 11.64	

QC Flag Legend

Review Flags
M - Manually Integrated

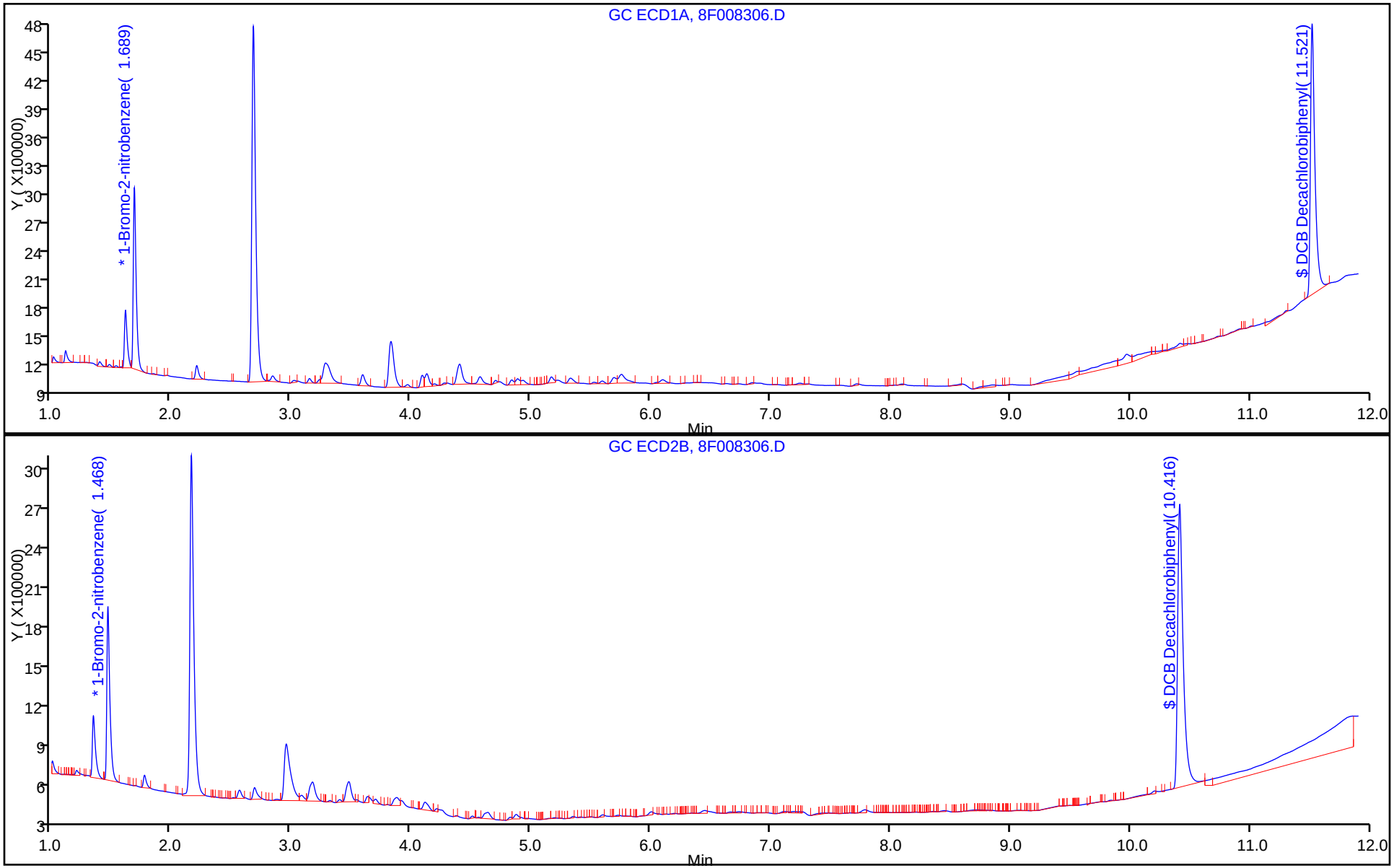
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:11:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D				
Injection Date:	10-Nov-2015 18:07:55	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-5-A	Lab Sample ID:	460-104096-5	Worklist Smp#:	11
Client ID:	PMP-23-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

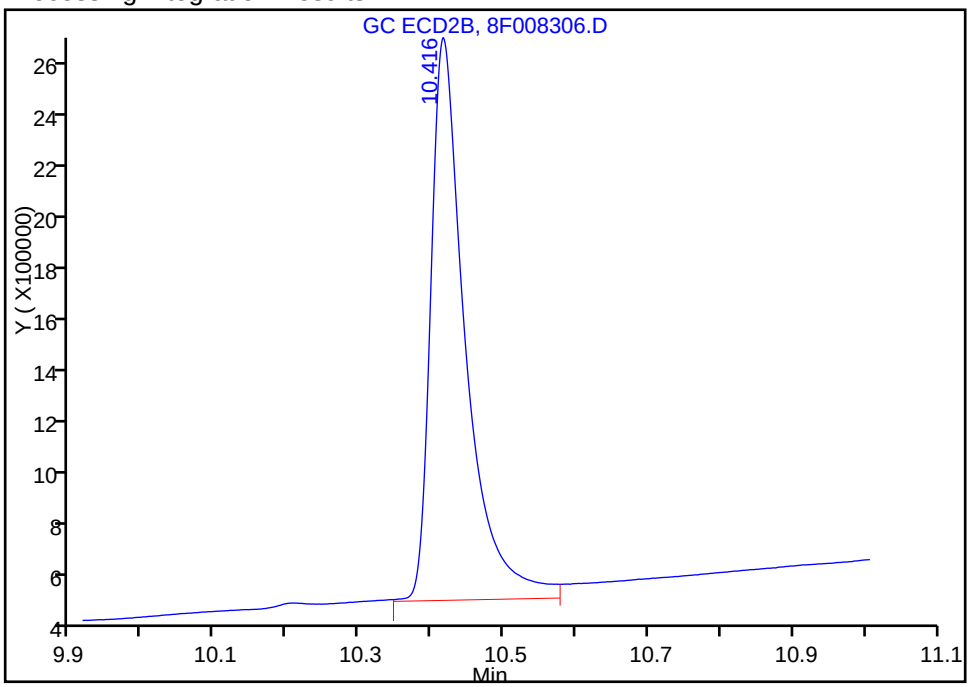
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008306.D				
Injection Date:	10-Nov-2015 18:07:55	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-5-A	Lab Sample ID:	460-104096-5		
Client ID:	PMP-23-NW2-V				
Operator ID:	615	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

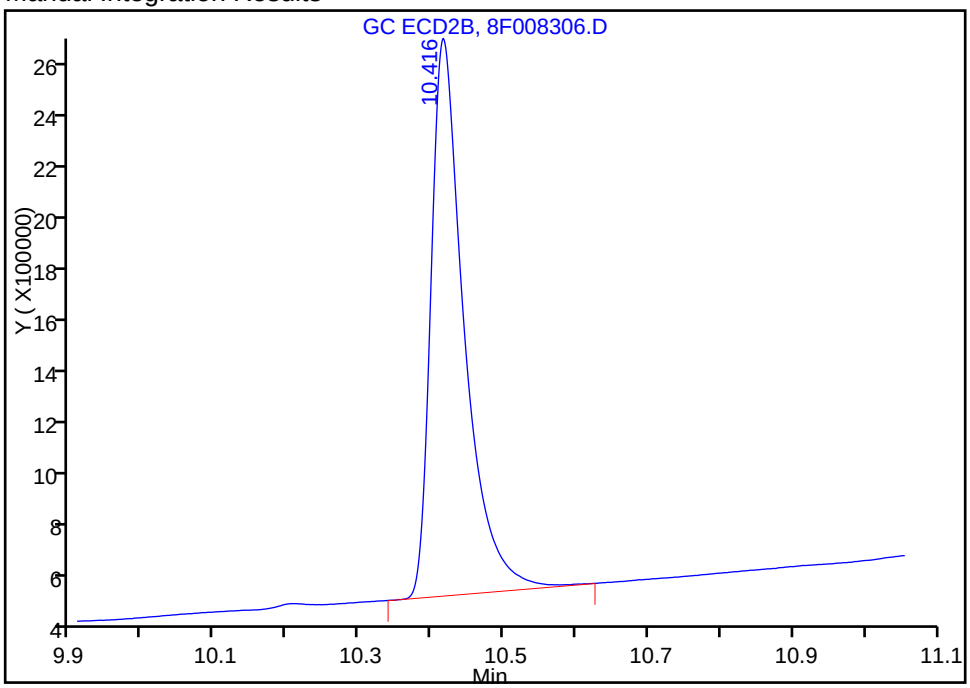
Processing Integration Results

RT: 10.42
Area: 7042666
Amount: 59.450946
Amount Units: ug/l



Manual Integration Results

RT: 10.42
Area: 6691475
Amount: 56.486353
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:33:55
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-V | Lab Sample ID: 460-104096-6

Matrix: Solid | Lab File ID: 8F008367.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:46

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0020(g) | Date Analyzed: 11/11/2015 12:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D
Lims ID: 460-104096-A-6-A Lab Sample ID: 460-104096-6
Client ID: PMP-24-NW2-V
Sample Type: Client
Inject. Date: 11-Nov-2015 12:02:31 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info: 460-0034110-010
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:43:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3283485	20.0	
2	1.467	1.468	-0.001	2204921	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.311	0.001	1165437	415.3	M
1	3.832	3.831	0.001	6587309	1115.2	
1	4.406	4.403	0.003	10408658	943.4	M
1	4.577	4.575	0.002	3776078	746.6	M
1	5.752	5.750	0.002	3992456	845.9	M
		Average of Peak Amounts =			813.3	
2	2.558	2.560	-0.002	1006193	510.5	M
2	2.956	2.957	-0.001	5518447	1441.3	M
2	3.480	3.480	0.000	8629966	1144.1	M
2	3.635	3.635	0.000	2532324	835.3	M
2	4.117	4.117	0.000	3492325	1029.1	
		Average of Peak Amounts =			992.0	
					RPD = 19.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

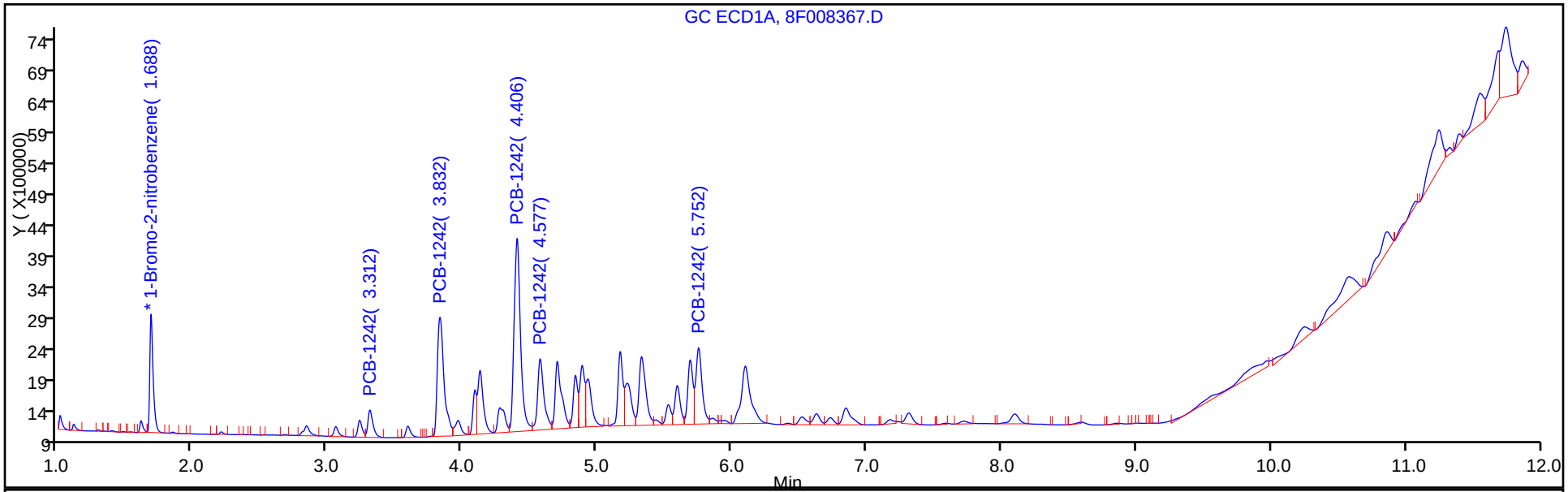
Reagents:

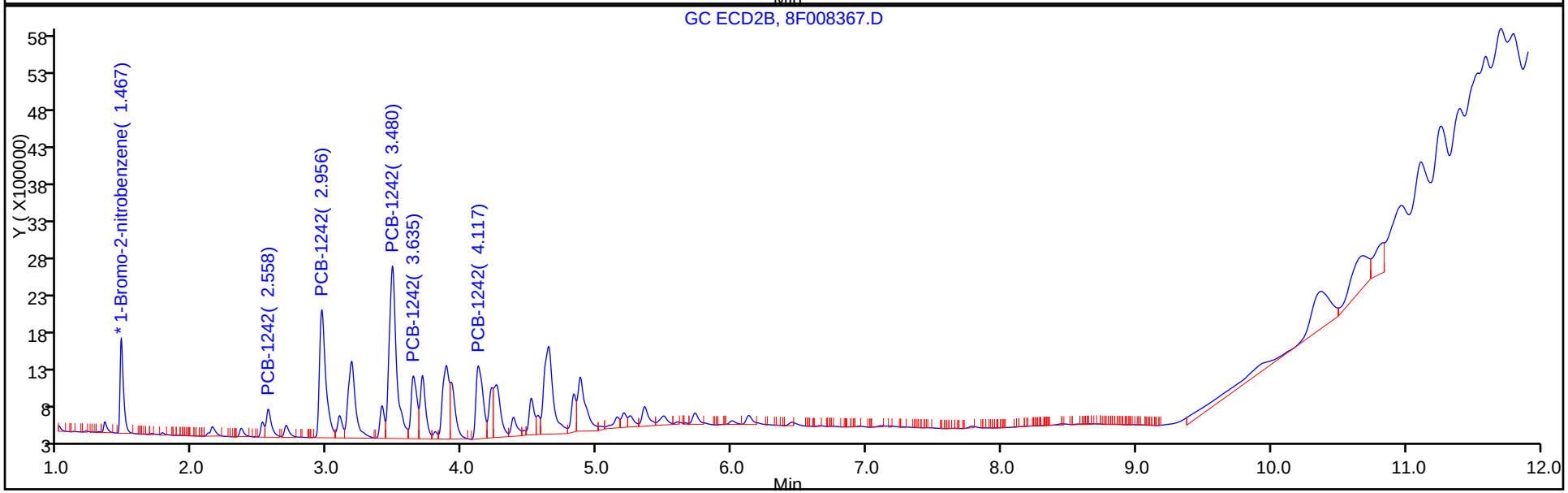
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D				
Injection Date:	11-Nov-2015 12:02:31	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-6-A	Lab Sample ID:	460-104096-6	Worklist Smp#:	10
Client ID:	PMP-24-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





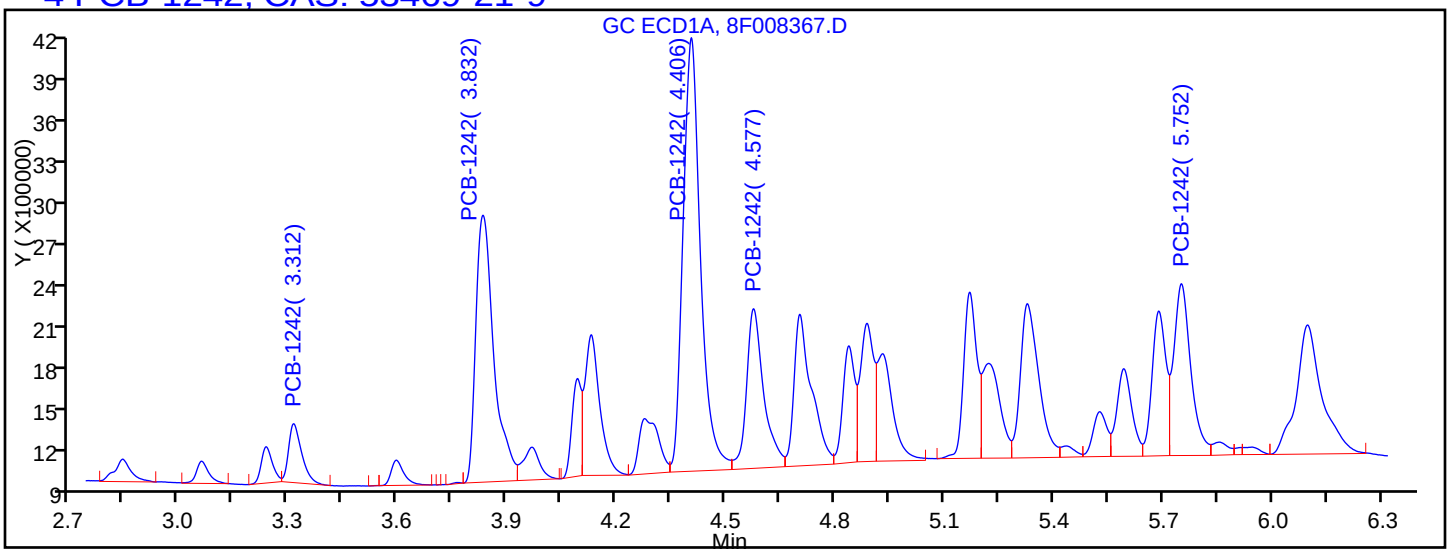
Report Date: 11-Nov-2015 15:33:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D

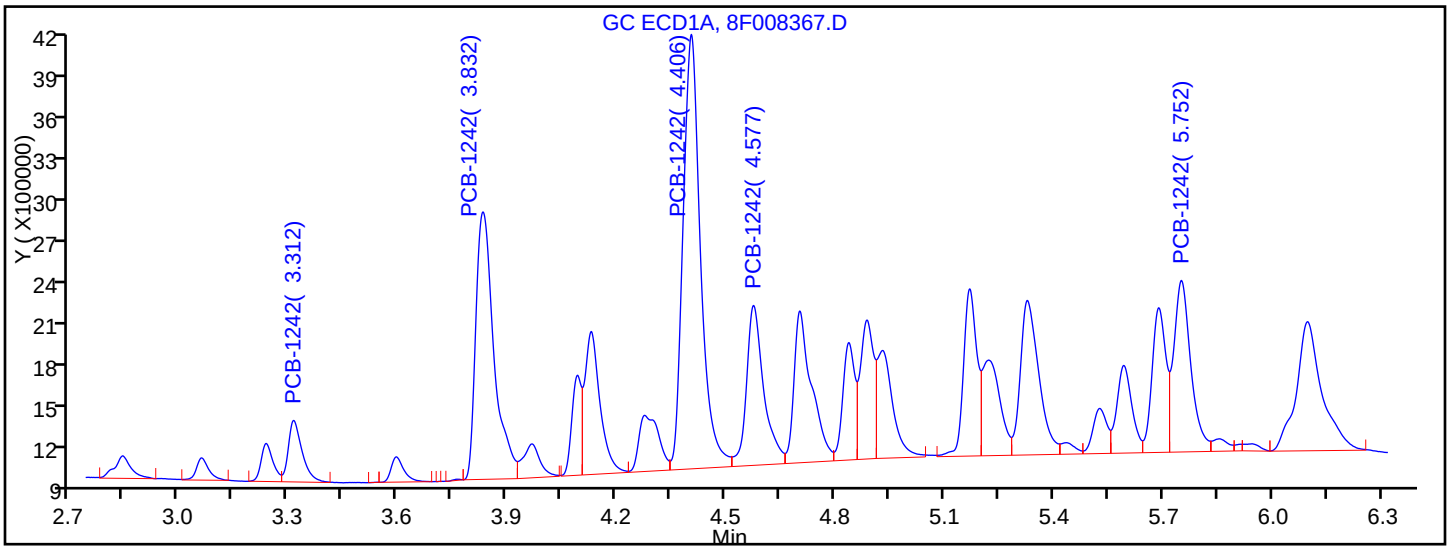
Injection Date:	11-Nov-2015 12:02:31	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-6-A	Lab Sample ID:	460-104096-6		
Client ID:	PMP-24-NW2-V				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	500.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.312	Response = 1060053	M
RT = 3.832	Response = 6587309	
RT = 4.406	Response = 10351192	M
RT = 4.577	Response = 3758288	M
RT = 5.752	Response = 4010411	M



Manual Integration Results

RT = 3.312	Response = 1165437	M
RT = 3.832	Response = 6587309	
RT = 4.406	Response = 10408658	M
RT = 4.577	Response = 3776078	M
RT = 5.752	Response = 3992456	M

Reviewer: patelji, 11-Nov-2015 14:43:15

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-V | Lab Sample ID: 460-104096-6

Matrix: Solid | Lab File ID: 8F008367.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:46

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0020(g) | Date Analyzed: 11/11/2015 12:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4900	U	37000	4900
11104-28-2	Aroclor 1221	4900	U	37000	4900
11141-16-5	Aroclor 1232	4900	U	37000	4900
53469-21-9	Aroclor 1242	360000		37000	4900
12672-29-6	Aroclor 1248	4900	U	37000	4900
11097-69-1	Aroclor 1254	5000	U	37000	5000
11096-82-5	Aroclor 1260	5000	U	37000	5000
37324-23-5	Aroclor 1262	5000	U	37000	5000
11100-14-4	Aroclor 1268	5000	U	37000	5000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D
Lims ID: 460-104096-A-6-A Lab Sample ID: 460-104096-6
Client ID: PMP-24-NW2-V
Sample Type: Client
Inject. Date: 11-Nov-2015 12:02:31 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info: 460-0034110-010
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:43:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3283485	20.0	
2	1.467	1.468	-0.001	2204921	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.311	0.001	1165437	415.3	M
1	3.832	3.831	0.001	6587309	1115.2	
1	4.406	4.403	0.003	10408658	943.4	M
1	4.577	4.575	0.002	3776078	746.6	M
1	5.752	5.750	0.002	3992456	845.9	M
		Average of Peak Amounts =			813.3	
2	2.558	2.560	-0.002	1006193	510.5	M
2	2.956	2.957	-0.001	5518447	1441.3	M
2	3.480	3.480	0.000	8629966	1144.1	M
2	3.635	3.635	0.000	2532324	835.3	M
2	4.117	4.117	0.000	3492325	1029.1	
		Average of Peak Amounts =			992.0	
					RPD = 19.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

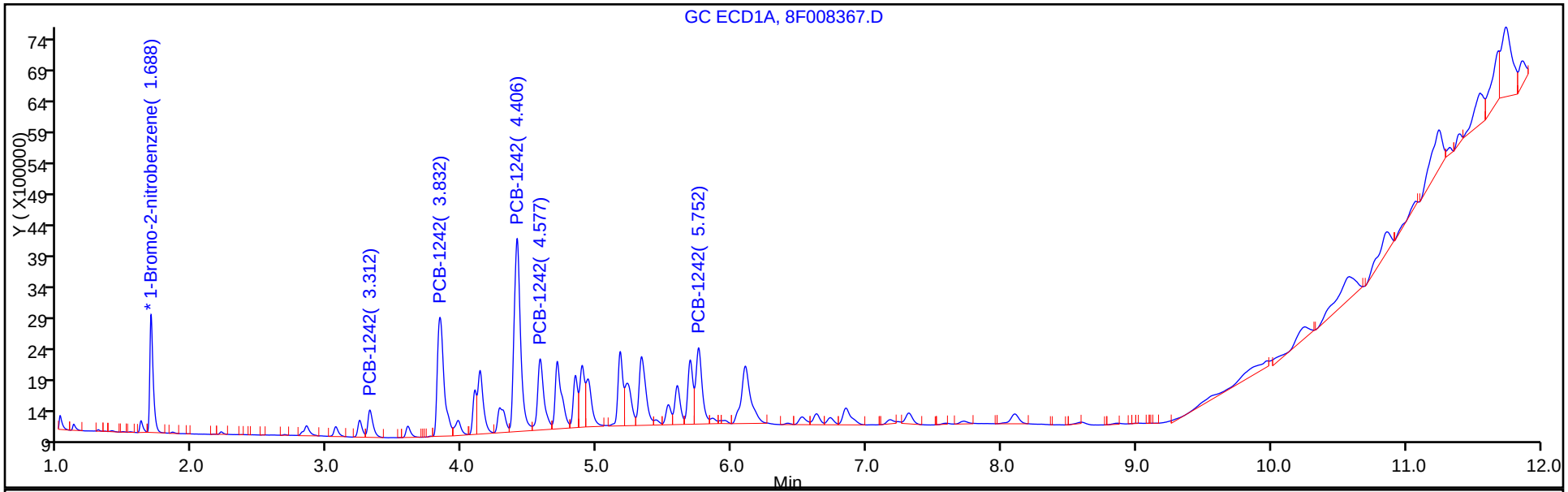
Reagents:

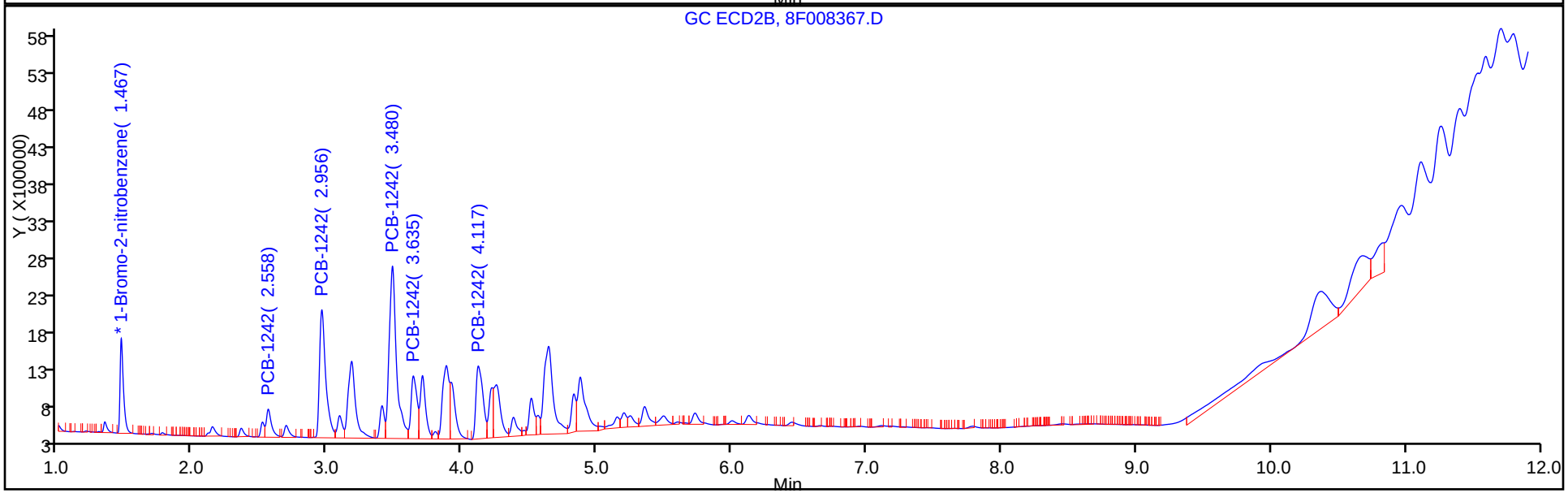
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D				
Injection Date:	11-Nov-2015 12:02:31	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-6-A	Lab Sample ID:	460-104096-6	Worklist Smp#:	10
Client ID:	PMP-24-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





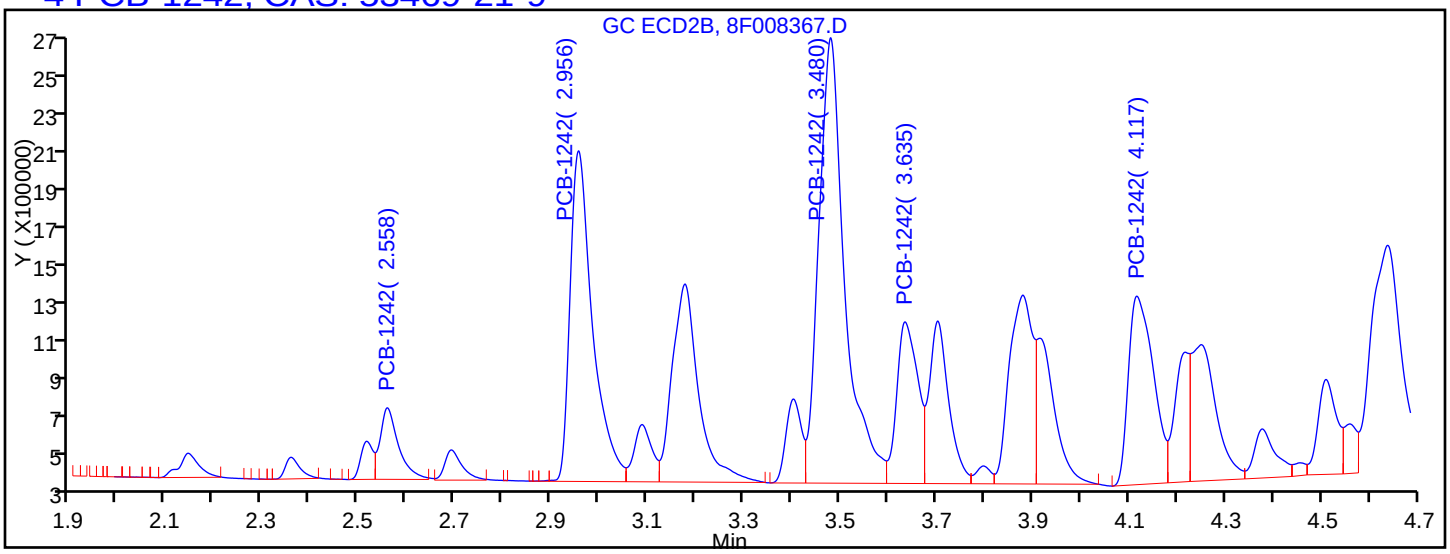
Report Date: 11-Nov-2015 15:33:09 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008367.D

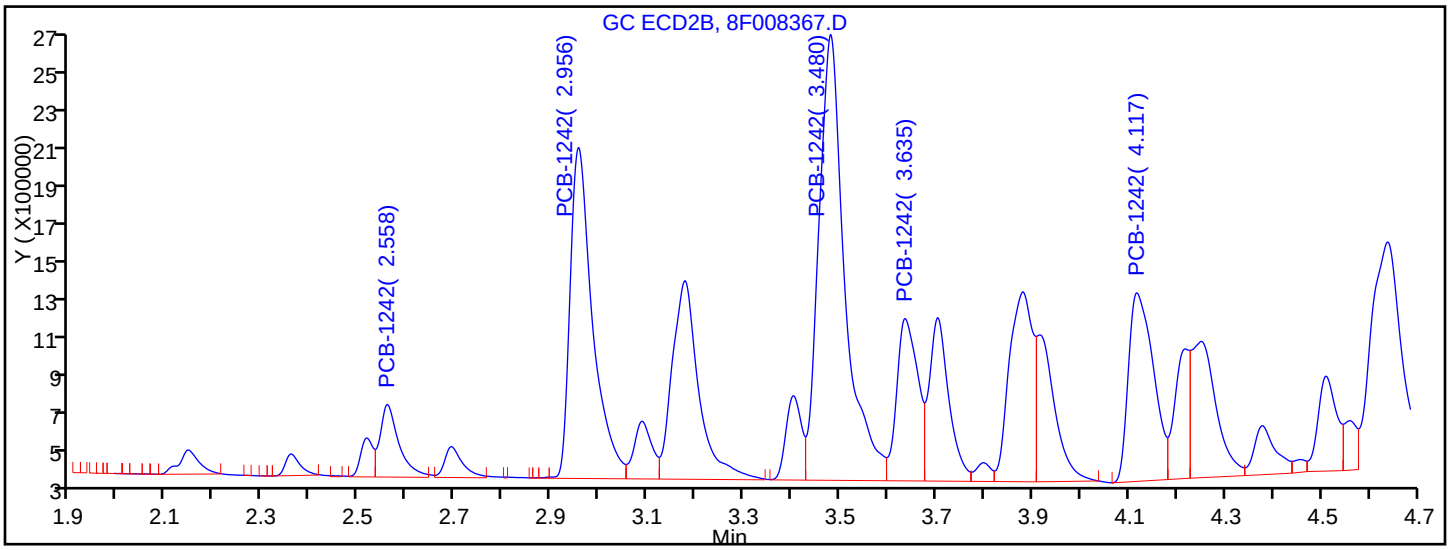
Injection Date:	11-Nov-2015 12:02:31	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-6-A	Lab Sample ID:	460-104096-6		
Client ID:	PMP-24-NW2-V				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	500.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.558	Response = 969918	M
RT = 2.956	Response = 5502760	M
RT = 3.480	Response = 8603772	M
RT = 3.635	Response = 2515341	M
RT = 4.117	Response = 3492325	



Manual Integration Results

RT = 2.558	Response = 1006193	M
RT = 2.956	Response = 5518447	M
RT = 3.480	Response = 8629966	M
RT = 3.635	Response = 2532324	M
RT = 4.117	Response = 3492325	

Reviewer: patelji, 11-Nov-2015 14:43:15

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: 8F008368.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:48

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/11/2015 12:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008368.D
Lims ID: 460-104096-F-7-B Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 12:18:15 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 2000.0000
Sample Info: 460-0034110-011
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 12:42:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3390292	20.0	
2	1.469	1.468	0.001	2226438	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.311	-0.001	3393155	1170.9	M
1	3.830	3.831	-0.001	6188795	1014.7	
1	4.402	4.403	-0.001	10861307	953.4	M
1	4.573	4.575	-0.002	5086730	974.0	M
1	5.749	5.750	-0.001	4424559	908.0	M
		Average of Peak Amounts =			1004.2	
2	2.562	2.560	0.002	2473911	1242.9	
2	2.958	2.957	0.001	4852959	1255.2	
2	3.482	3.480	0.002	9406014	1234.9	
2	3.636	3.635	0.001	3746711	1224.0	
2	4.118	4.117	0.001	3418385	997.6	
		Average of Peak Amounts =			1190.9	
					RPD = 17.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

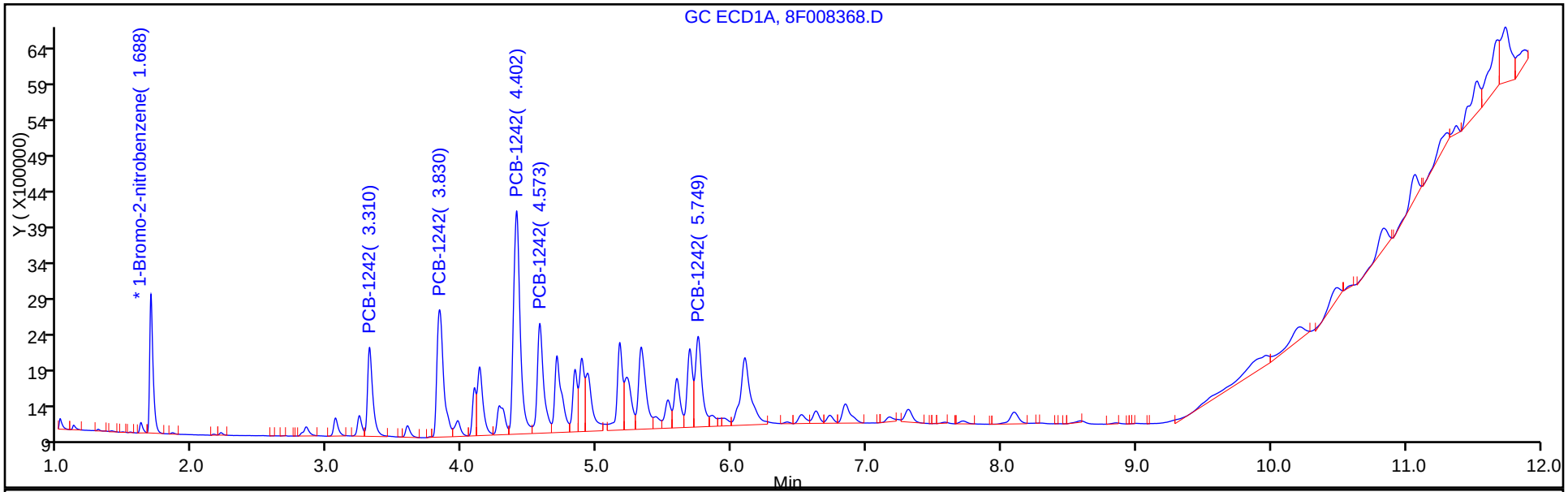
Reagents:

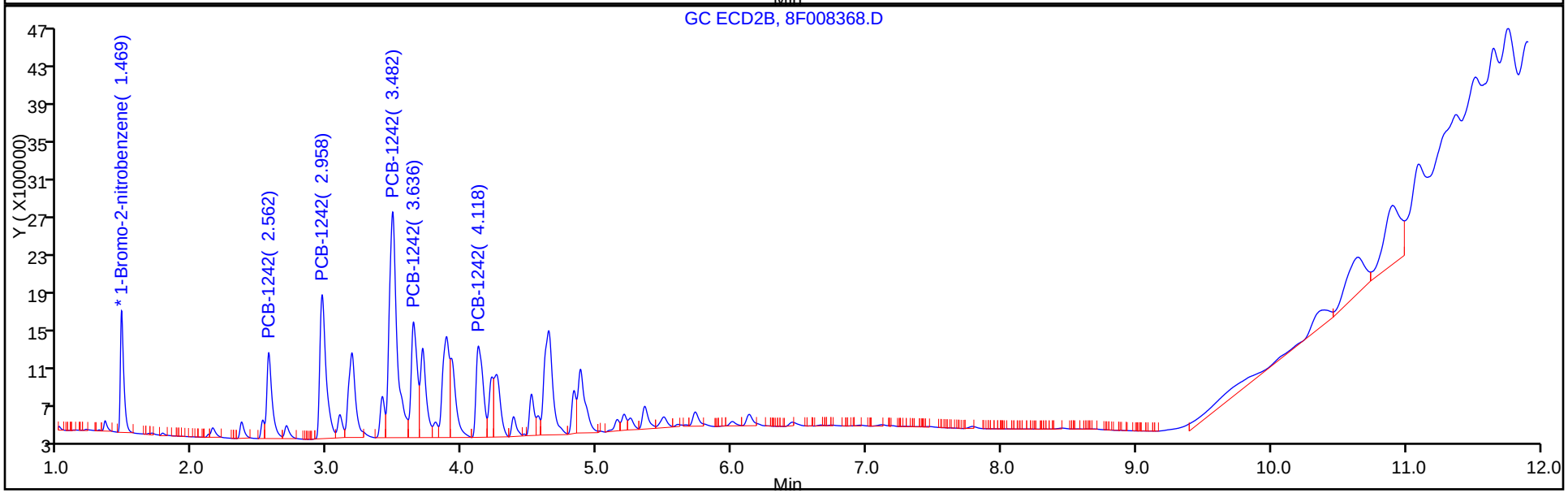
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008368.D				
Injection Date:	11-Nov-2015 12:18:15	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-7-B	Lab Sample ID:	460-104096-7	Worklist Smp#:	11
Client ID:	PMP-24-NW2-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





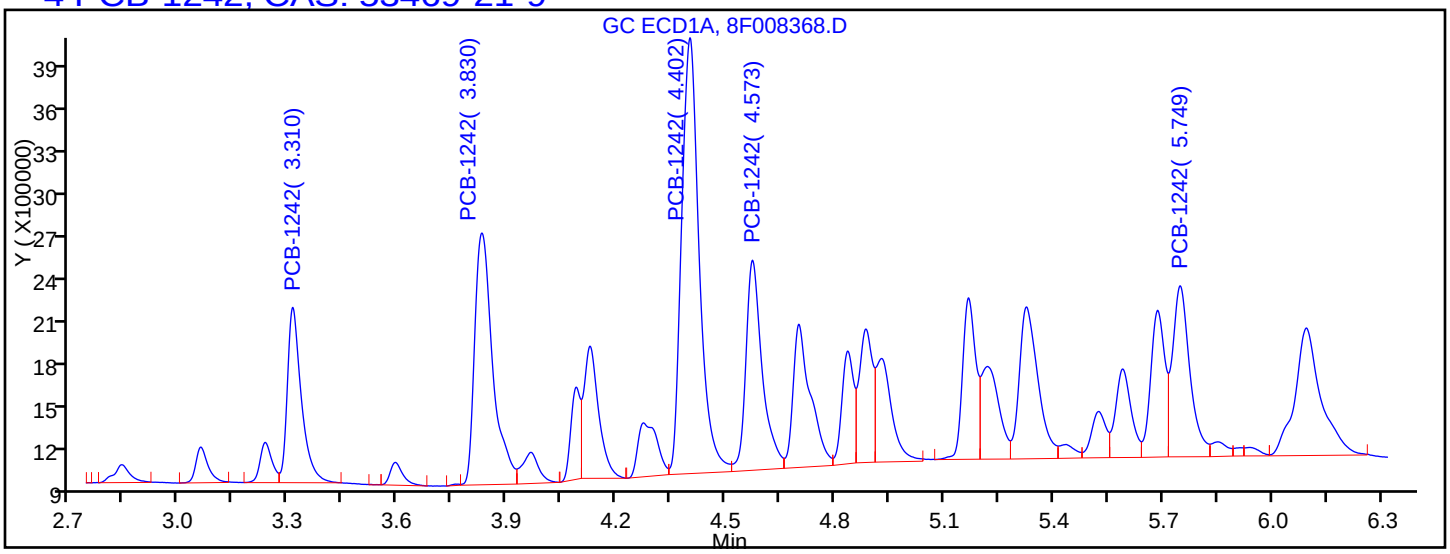
Report Date: 11-Nov-2015 15:33:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008368.D

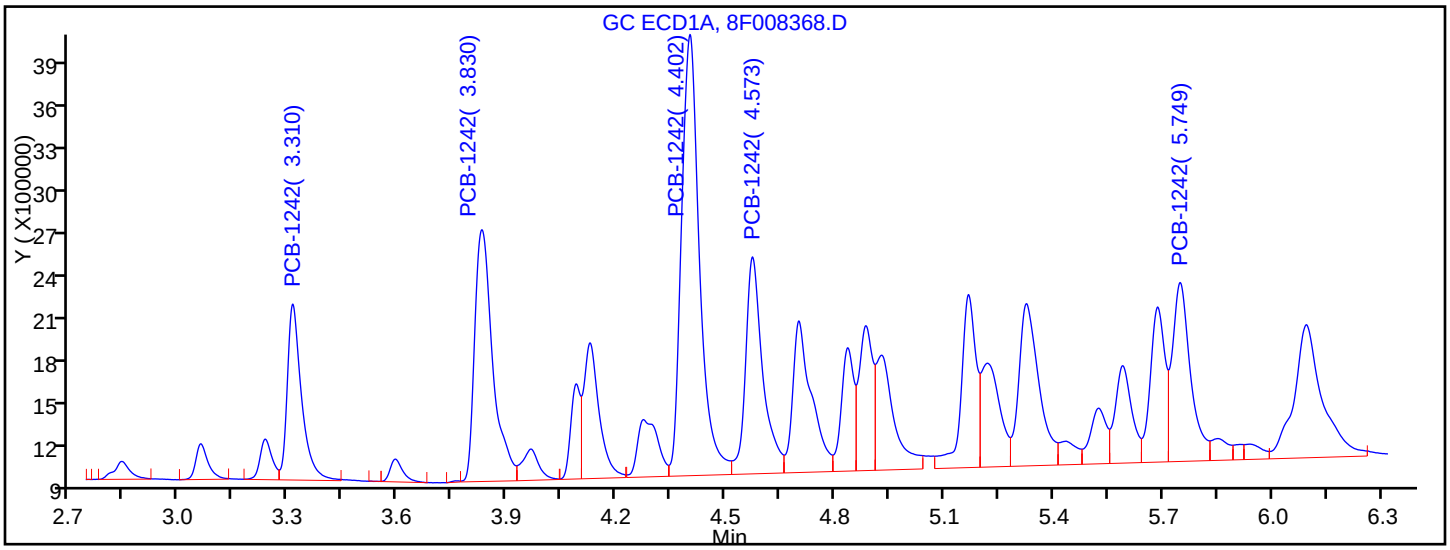
Injection Date:	11-Nov-2015 12:18:15	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-7-B	Lab Sample ID:	460-104096-7		
Client ID:	PMP-24-NW2-3.75				
Operator ID:	615	ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.310	Response = 3333031	M
RT = 3.830	Response = 6188795	
RT = 4.402	Response = 10452586	M
RT = 4.573	Response = 4654865	M
RT = 5.749	Response = 4050220	M



Manual Integration Results

RT = 3.310	Response = 3393155	M
RT = 3.830	Response = 6188795	
RT = 4.402	Response = 10861307	M
RT = 4.573	Response = 5086730	M
RT = 5.749	Response = 4424559	M

Reviewer: patelji, 11-Nov-2015 14:42:51

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-3.75 | Lab Sample ID: 460-104096-7

Matrix: Solid | Lab File ID: 8F008368.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:48

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/11/2015 12:18

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	20000	U	150000	20000
11104-28-2	Aroclor 1221	20000	U	150000	20000
11141-16-5	Aroclor 1232	20000	U	150000	20000
53469-21-9	Aroclor 1242	1800000		150000	20000
12672-29-6	Aroclor 1248	20000	U	150000	20000
11097-69-1	Aroclor 1254	20000	U	150000	20000
11096-82-5	Aroclor 1260	20000	U	150000	20000
37324-23-5	Aroclor 1262	20000	U	150000	20000
11100-14-4	Aroclor 1268	20000	U	150000	20000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008368.D
Lims ID: 460-104096-F-7-B Lab Sample ID: 460-104096-7
Client ID: PMP-24-NW2-3.75
Sample Type: Client
Inject. Date: 11-Nov-2015 12:18:15 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 2000.0000
Sample Info: 460-0034110-011
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 12:42:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3390292	20.0	
2	1.469	1.468	0.001	2226438	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.311	-0.001	3393155	1170.9	M
1	3.830	3.831	-0.001	6188795	1014.7	
1	4.402	4.403	-0.001	10861307	953.4	M
1	4.573	4.575	-0.002	5086730	974.0	M
1	5.749	5.750	-0.001	4424559	908.0	M
		Average of Peak Amounts =			1004.2	
2	2.562	2.560	0.002	2473911	1242.9	
2	2.958	2.957	0.001	4852959	1255.2	
2	3.482	3.480	0.002	9406014	1234.9	
2	3.636	3.635	0.001	3746711	1224.0	
2	4.118	4.117	0.001	3418385	997.6	
		Average of Peak Amounts =			1190.9	
					RPD = 17.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

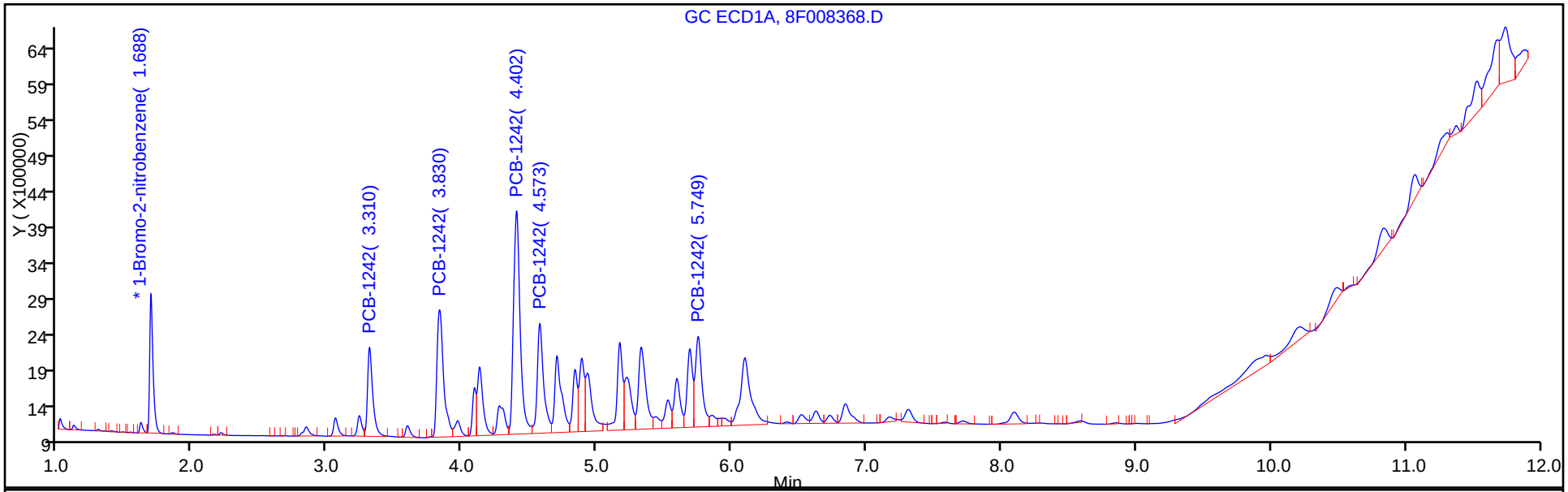
Reagents:

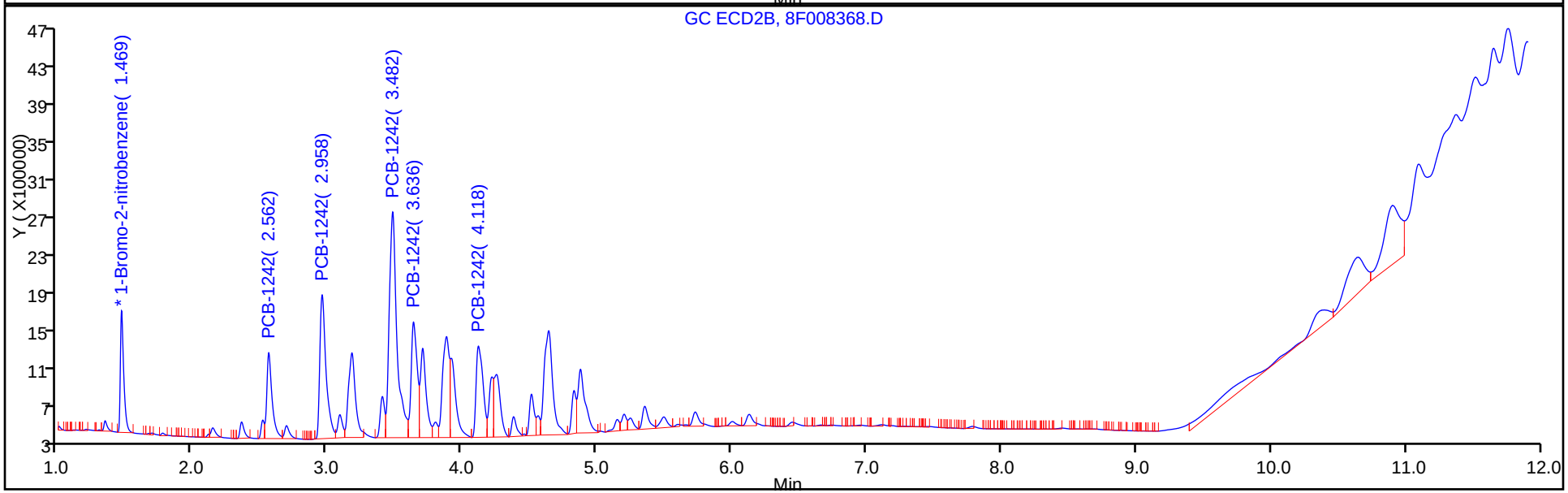
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008368.D				
Injection Date:	11-Nov-2015 12:18:15	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-7-B	Lab Sample ID:	460-104096-7	Worklist Smp#:	11
Client ID:	PMP-24-NW2-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: 8F008369.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:50

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0087(g) | Date Analyzed: 11/11/2015 13:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	1700000		150000	20000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D
Lims ID: 460-104096-F-8-B Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 11-Nov-2015 13:25:57 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 2000.0000
Sample Info: 460-0034110-012
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:42:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.688	0.001	3371376	20.0	
2	1.466	1.468	-0.002	2714080	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.314	3.311	0.003	3356799	1164.9	M
1	3.835	3.831	0.004	6525489	1075.9	M
1	4.408	4.403	0.005	12179198	1075.0	M
1	4.579	4.575	0.004	5693304	1096.3	M
1	5.755	5.750	0.005	5288997	1091.4	M
		Average of Peak Amounts =			1100.7	
2	2.558	2.560	-0.002	2837148	1169.3	M
2	2.955	2.957	-0.002	5429995	1152.1	M
2	3.479	3.480	-0.001	9977466	1074.6	M
2	3.634	3.635	-0.001	3686205	987.9	M
2	4.117	4.117	0.000	3618001	866.1	M
		Average of Peak Amounts =			1050.0	
					RPD = 4.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

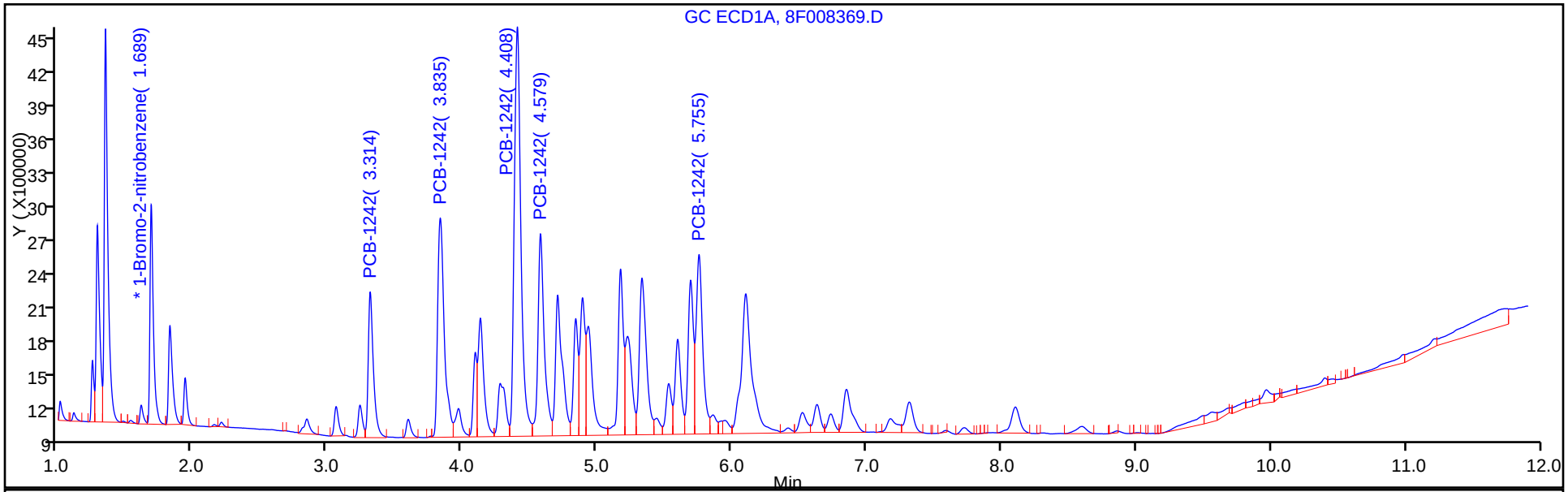
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

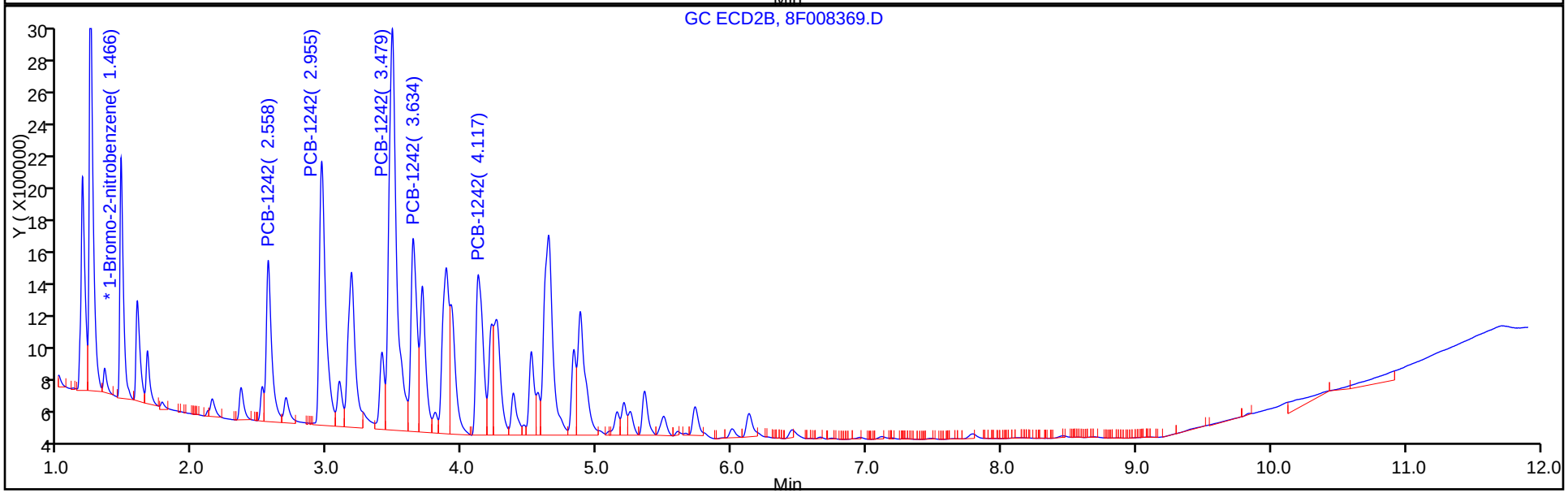
Report Date: 11-Nov-2015 15:33:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D

Injection Date:	11-Nov-2015 13:25:57	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-8-B	Lab Sample ID:	460-104096-8	Worklist Smp#:	12
Client ID:	PMP-24-NW2-DV				
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000	ALS Bottle#:	12
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





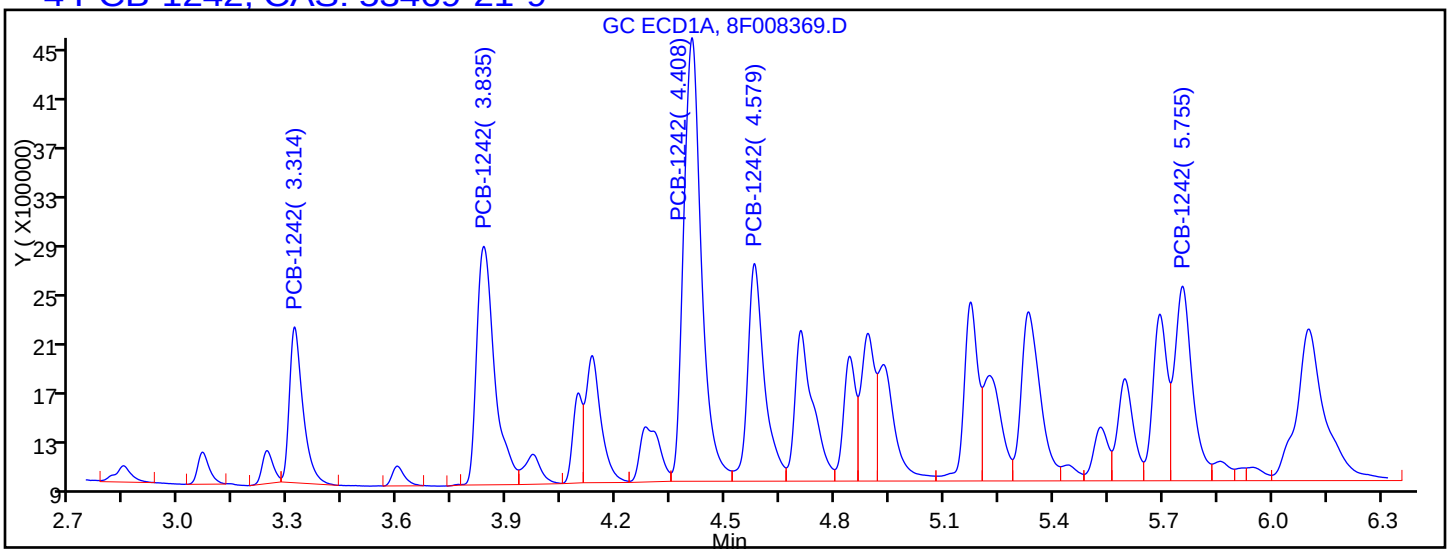
Report Date: 11-Nov-2015 15:33:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D

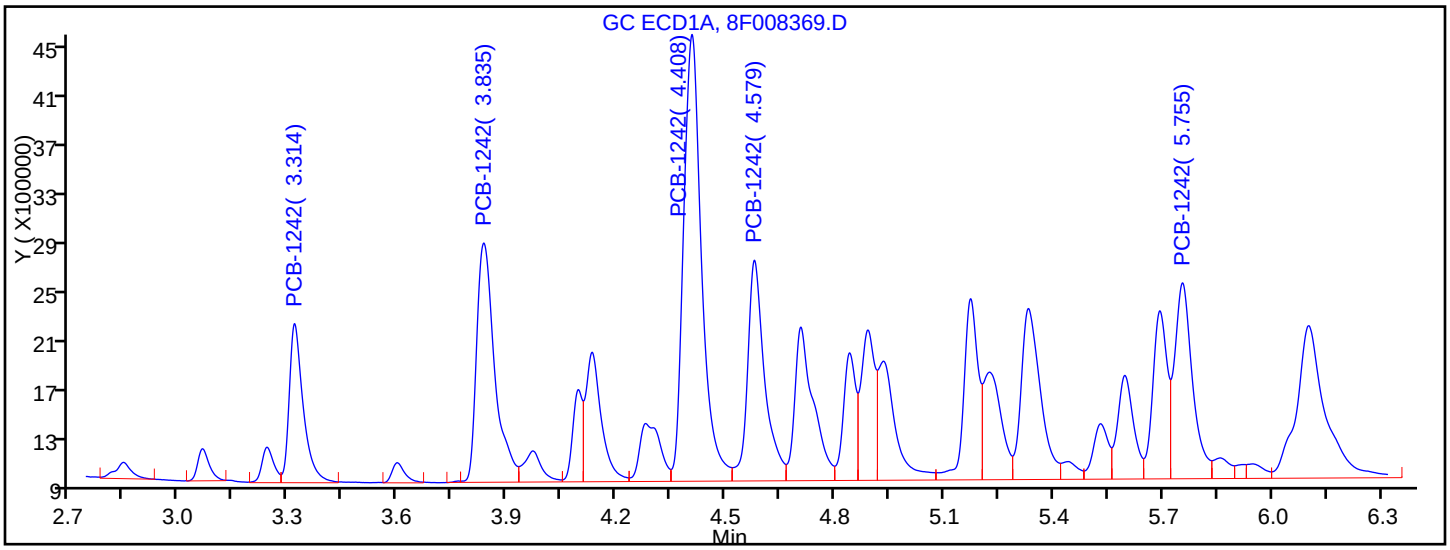
Injection Date:	11-Nov-2015 13:25:57	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-8-B	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.314	Response = 3173318	M
RT = 3.835	Response = 6461893	M
RT = 4.408	Response = 11913557	M
RT = 4.579	Response = 5475592	M
RT = 5.755	Response = 5214673	M



Manual Integration Results

RT = 3.314	Response = 3356799	M
RT = 3.835	Response = 6525489	M
RT = 4.408	Response = 12179198	M
RT = 4.579	Response = 5693304	M
RT = 5.755	Response = 5288997	M

Reviewer: patelji, 11-Nov-2015 14:42:30

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-DV | Lab Sample ID: 460-104096-8

Matrix: Solid | Lab File ID: 8F008369.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:50

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0087(g) | Date Analyzed: 11/11/2015 13:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 2000

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	20000	U	150000	20000
11104-28-2	Aroclor 1221	20000	U	150000	20000
11141-16-5	Aroclor 1232	20000	U	150000	20000
12672-29-6	Aroclor 1248	20000	U	150000	20000
11097-69-1	Aroclor 1254	21000	U	150000	21000
11096-82-5	Aroclor 1260	21000	U	150000	21000
37324-23-5	Aroclor 1262	21000	U	150000	21000
11100-14-4	Aroclor 1268	21000	U	150000	21000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D
Lims ID: 460-104096-F-8-B Lab Sample ID: 460-104096-8
Client ID: PMP-24-NW2-DV
Sample Type: Client
Inject. Date: 11-Nov-2015 13:25:57 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 2000.0000
Sample Info: 460-0034110-012
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:42:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.688	0.001	3371376	20.0	
2	1.466	1.468	-0.002	2714080	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.314	3.311	0.003	3356799	1164.9	M
1	3.835	3.831	0.004	6525489	1075.9	M
1	4.408	4.403	0.005	12179198	1075.0	M
1	4.579	4.575	0.004	5693304	1096.3	M
1	5.755	5.750	0.005	5288997	1091.4	M
		Average of Peak Amounts =			1100.7	
2	2.558	2.560	-0.002	2837148	1169.3	M
2	2.955	2.957	-0.002	5429995	1152.1	M
2	3.479	3.480	-0.001	9977466	1074.6	M
2	3.634	3.635	-0.001	3686205	987.9	M
2	4.117	4.117	0.000	3618001	866.1	M
		Average of Peak Amounts =			1050.0	
					RPD = 4.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

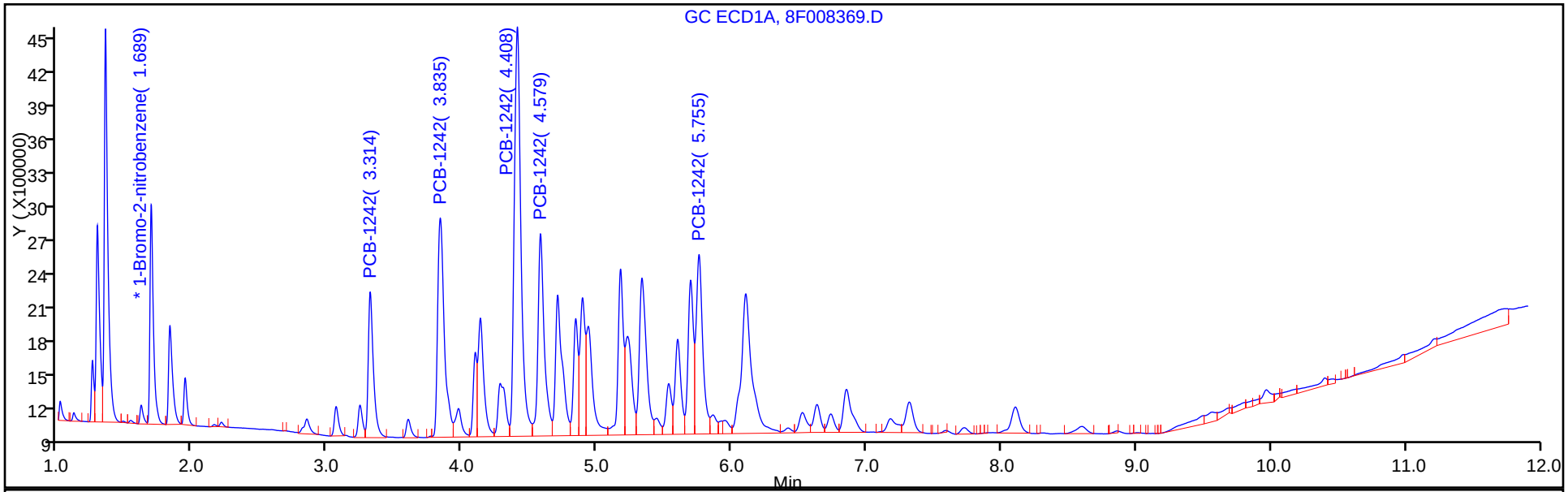
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

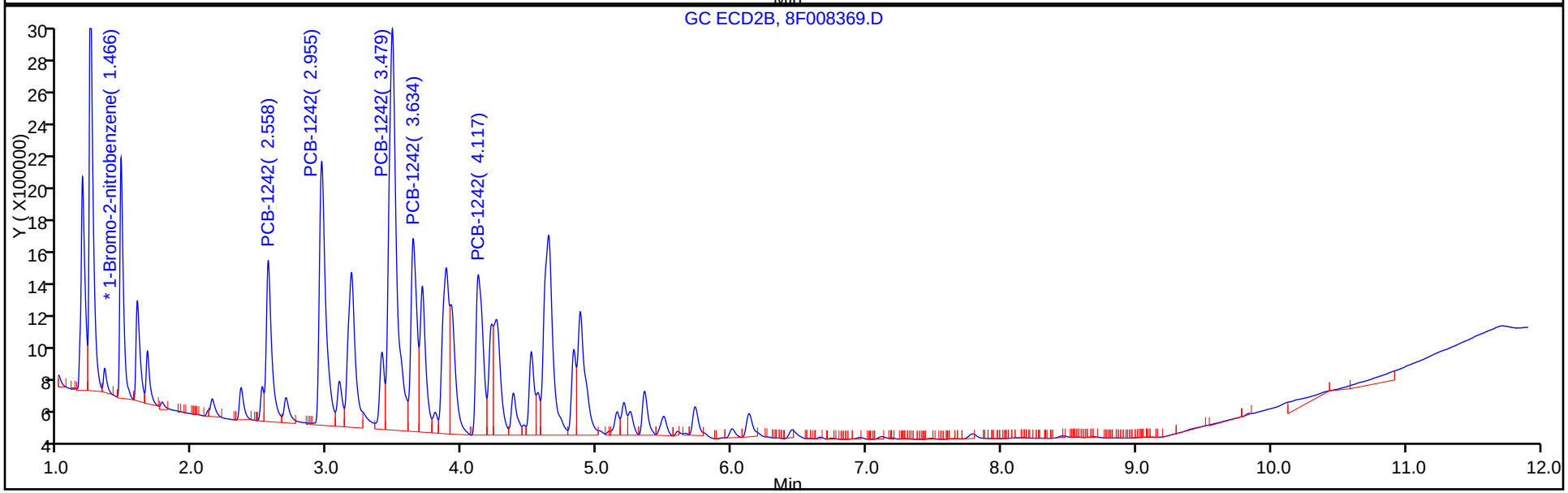
Report Date: 11-Nov-2015 15:33:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D

Injection Date:	11-Nov-2015 13:25:57	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-8-B	Lab Sample ID:	460-104096-8	Worklist Smp#:	12
Client ID:	PMP-24-NW2-DV				
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000	ALS Bottle#:	12
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





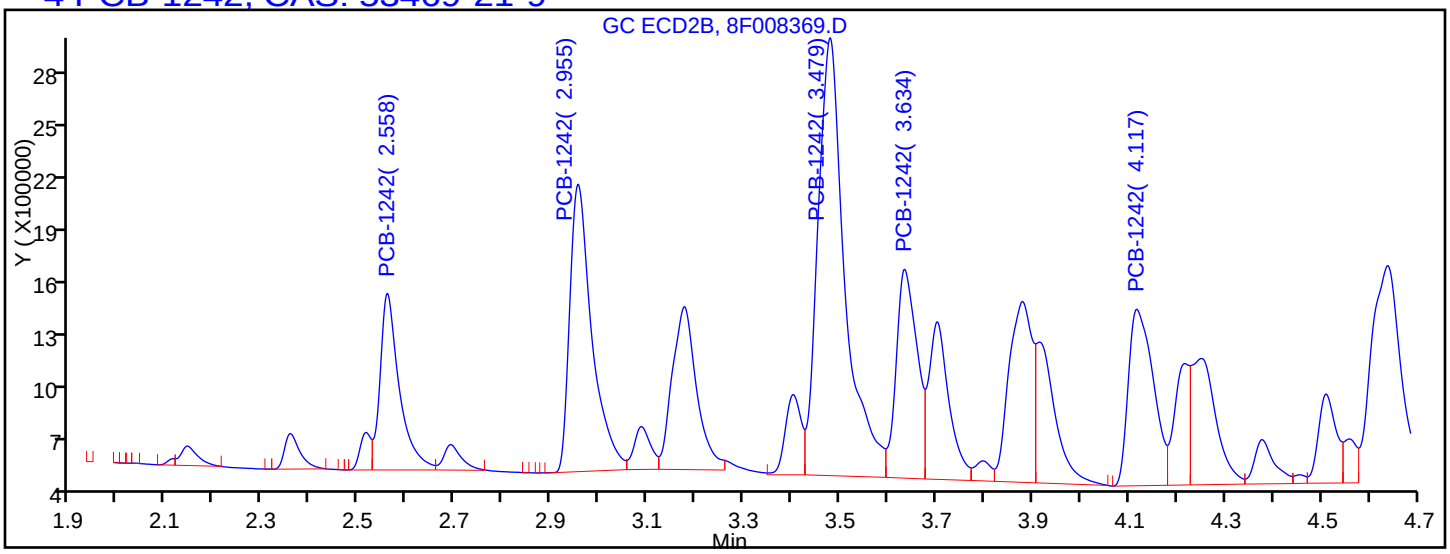
Report Date: 11-Nov-2015 15:33:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008369.D

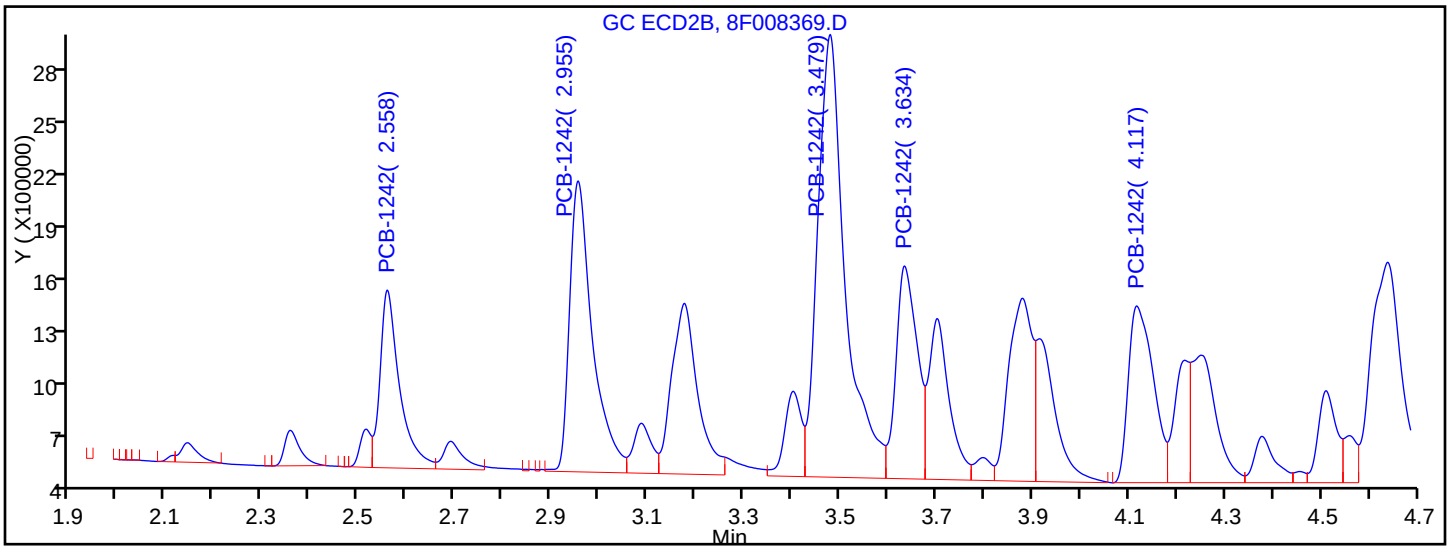
Injection Date:	11-Nov-2015 13:25:57	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-8-B	Lab Sample ID:	460-104096-8		
Client ID:	PMP-24-NW2-DV				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	2000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.558	Response = 2769243	M
RT = 2.955	Response = 5200515	M
RT = 3.479	Response = 9710377	M
RT = 3.634	Response = 3579001	M
RT = 4.117	Response = 3608722	M



Manual Integration Results

RT = 2.558	Response = 2837148	M
RT = 2.955	Response = 5429995	M
RT = 3.479	Response = 9977466	M
RT = 3.634	Response = 3686205	M
RT = 4.117	Response = 3618001	M

Reviewer: patelji, 11-Nov-2015 14:42:30

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT | Lab Sample ID: 460-104096-9

Matrix: Solid | Lab File ID: 8F008370.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:40

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/11/2015 13:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 400

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008370.D
Lims ID: 460-104096-F-9-B Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 13:41:41 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 400.0000
Sample Info: 460-0034110-013
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:42:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3439822	20.0	
2	1.471	1.468	0.003	2352516	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.311	-0.001	4126966	1403.6	
1	3.830	3.831	-0.001	7920234	1279.9	
1	4.401	4.403	-0.002	12953926	1120.7	
1	4.573	4.575	-0.002	5782367	1091.3	
1	5.749	5.750	-0.001	4870276	985.0	
		Average of Peak Amounts =			1176.1	
2	2.563	2.560	0.003	2851109	1355.6	
2	2.960	2.957	0.003	5752186	1408.1	M
2	3.483	3.480	0.003	10755575	1336.4	M
2	3.638	3.635	0.003	4240373	1311.0	M
2	4.120	4.117	0.003	3725502	1028.9	M
		Average of Peak Amounts =			1288.0	
					RPD = 9.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

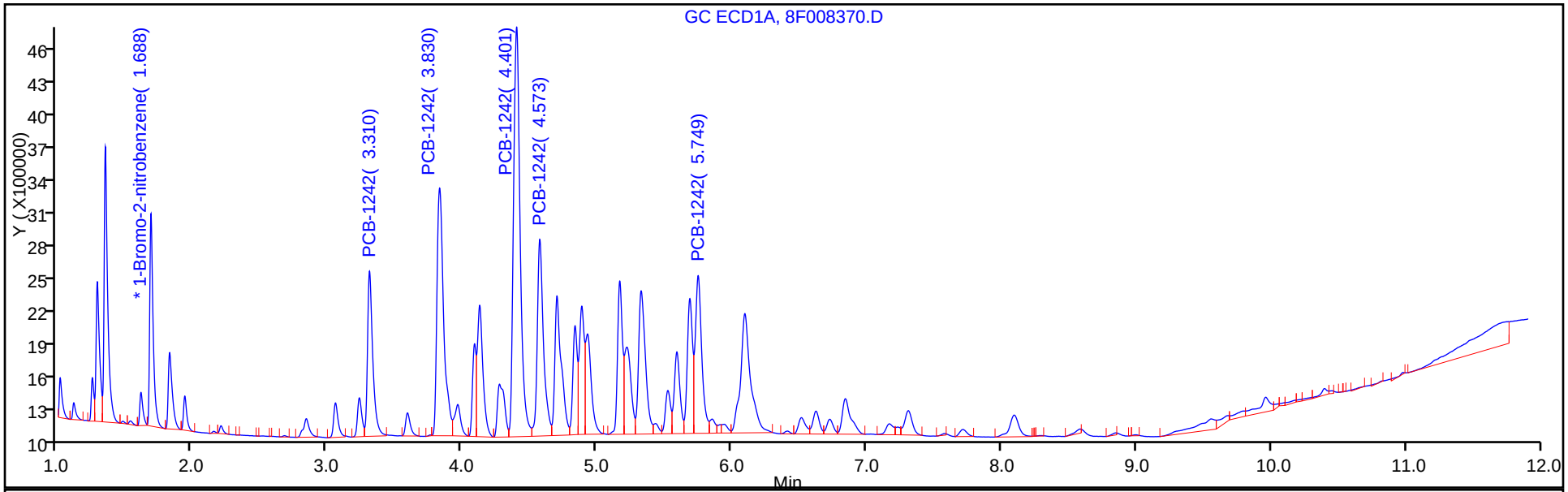
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

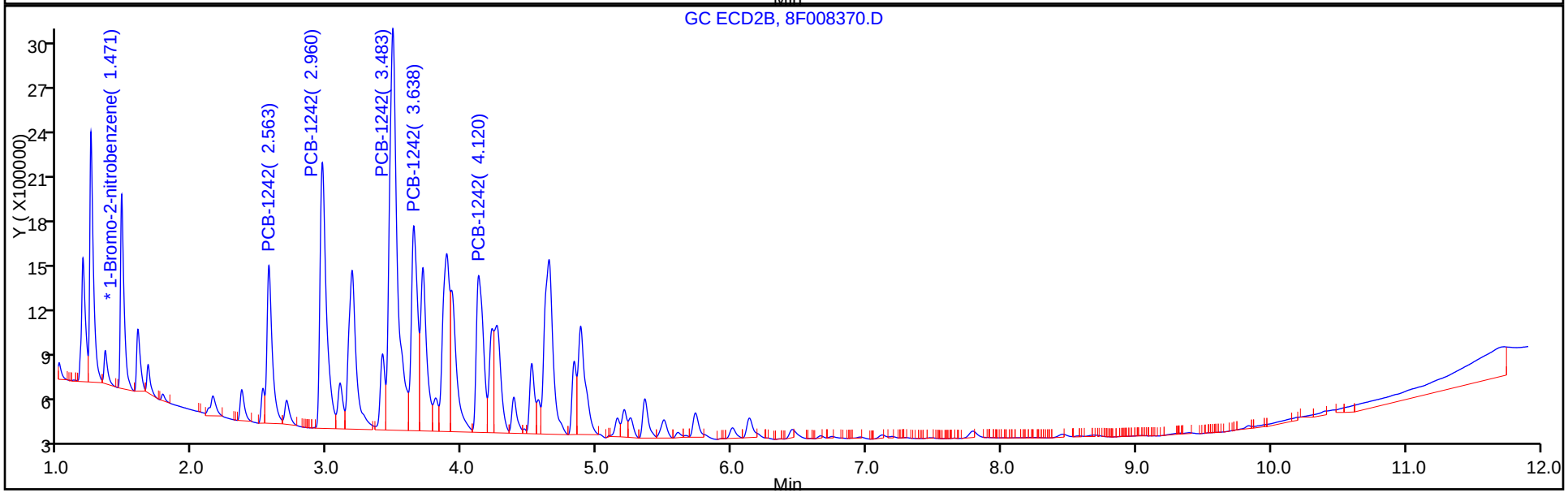
Report Date: 11-Nov-2015 15:33:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008370.D

Injection Date:	11-Nov-2015 13:41:41	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-9-B	Lab Sample ID:	460-104096-9	Worklist Smp#:	13
Client ID:	PMP-24-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	400.0000	ALS Bottle#:	13
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT | Lab Sample ID: 460-104096-9

Matrix: Solid | Lab File ID: 8F008370.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:40

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0049(g) | Date Analyzed: 11/11/2015 13:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 400

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4000	U	30000	4000
11104-28-2	Aroclor 1221	4000	U	30000	4000
11141-16-5	Aroclor 1232	4000	U	30000	4000
53469-21-9	Aroclor 1242	380000		30000	4000
12672-29-6	Aroclor 1248	4000	U	30000	4000
11097-69-1	Aroclor 1254	4100	U	30000	4100
11096-82-5	Aroclor 1260	4100	U	30000	4100
37324-23-5	Aroclor 1262	4100	U	30000	4100
11100-14-4	Aroclor 1268	4100	U	30000	4100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008370.D
Lims ID: 460-104096-F-9-B Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 13:41:41 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 400.0000
Sample Info: 460-0034110-013
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:42:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3439822	20.0	
2	1.471	1.468	0.003	2352516	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.311	-0.001	4126966	1403.6	
1	3.830	3.831	-0.001	7920234	1279.9	
1	4.401	4.403	-0.002	12953926	1120.7	
1	4.573	4.575	-0.002	5782367	1091.3	
1	5.749	5.750	-0.001	4870276	985.0	
		Average of Peak Amounts =			1176.1	
2	2.563	2.560	0.003	2851109	1355.6	
2	2.960	2.957	0.003	5752186	1408.1	M
2	3.483	3.480	0.003	10755575	1336.4	M
2	3.638	3.635	0.003	4240373	1311.0	M
2	4.120	4.117	0.003	3725502	1028.9	M
		Average of Peak Amounts =			1288.0	
					RPD = 9.08	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

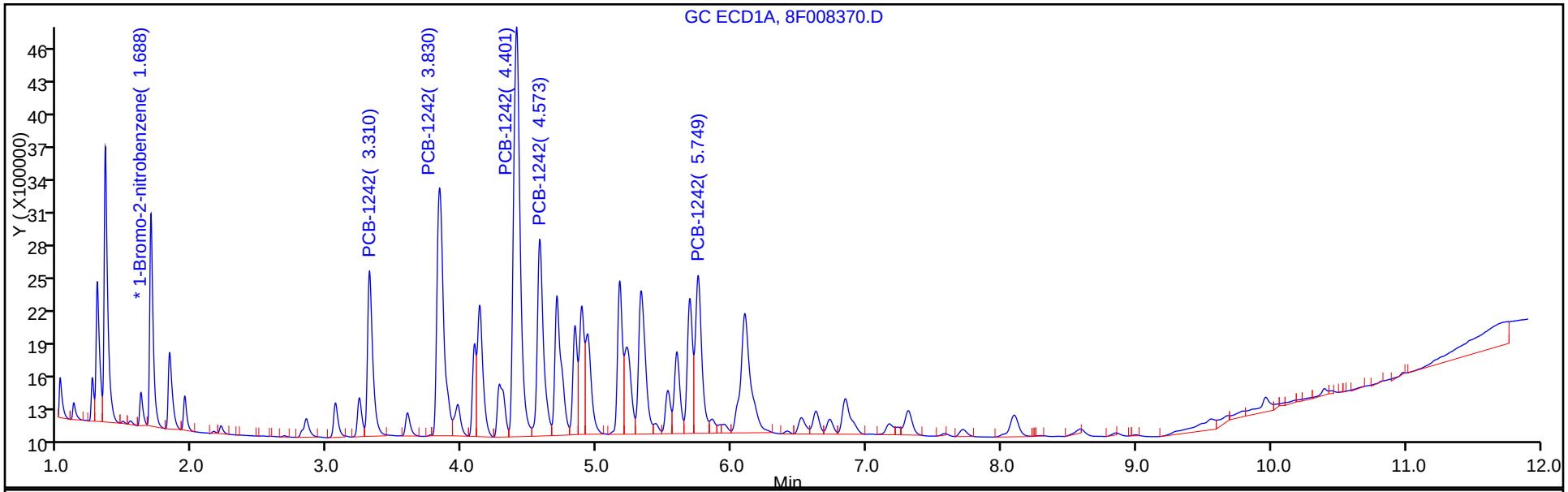
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

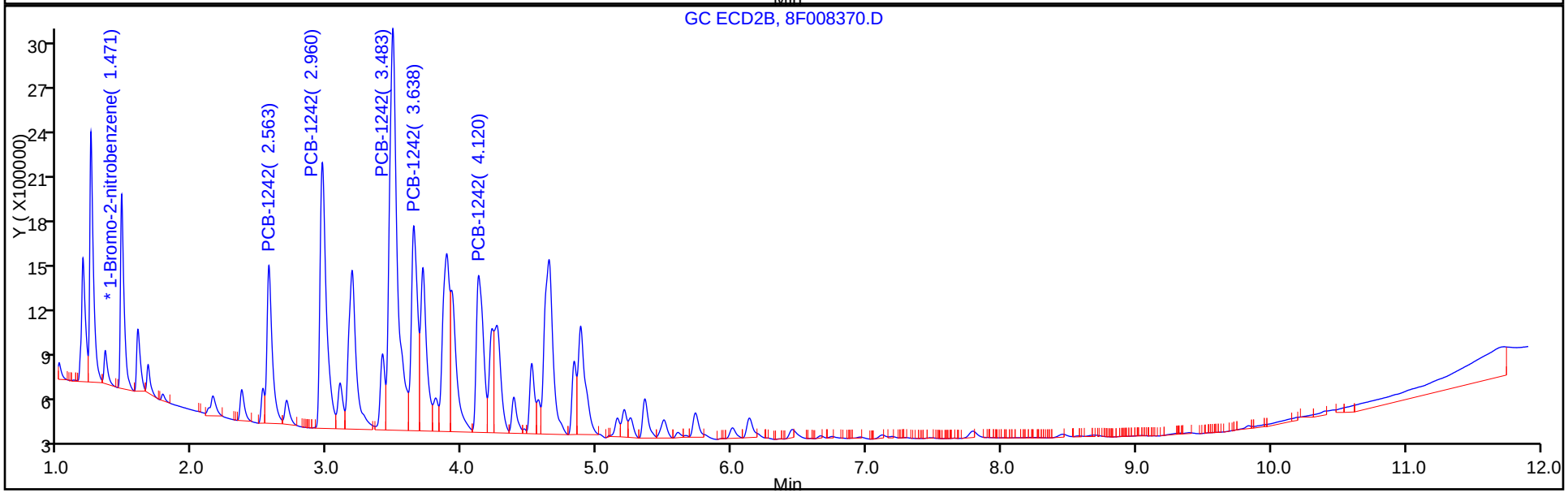
Report Date: 11-Nov-2015 15:33:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008370.D

Injection Date:	11-Nov-2015 13:41:41	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-9-B	Lab Sample ID:	460-104096-9	Worklist Smp#:	13
Client ID:	PMP-24-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	400.0000	ALS Bottle#:	13
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





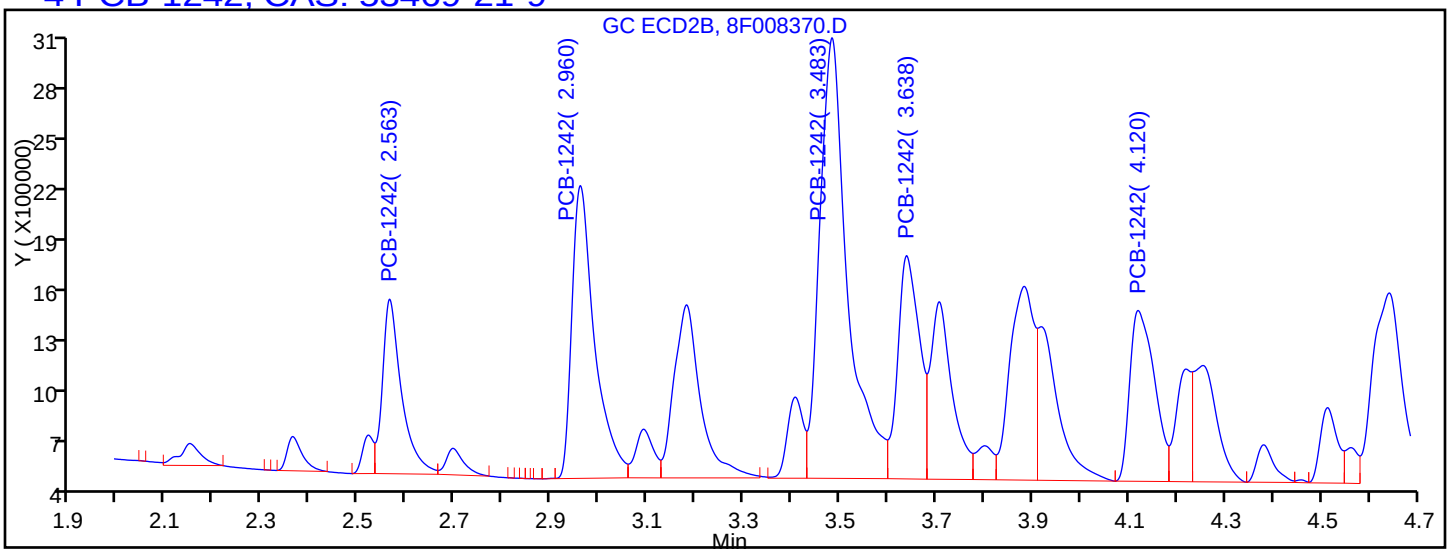
Report Date: 11-Nov-2015 15:33:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008370.D

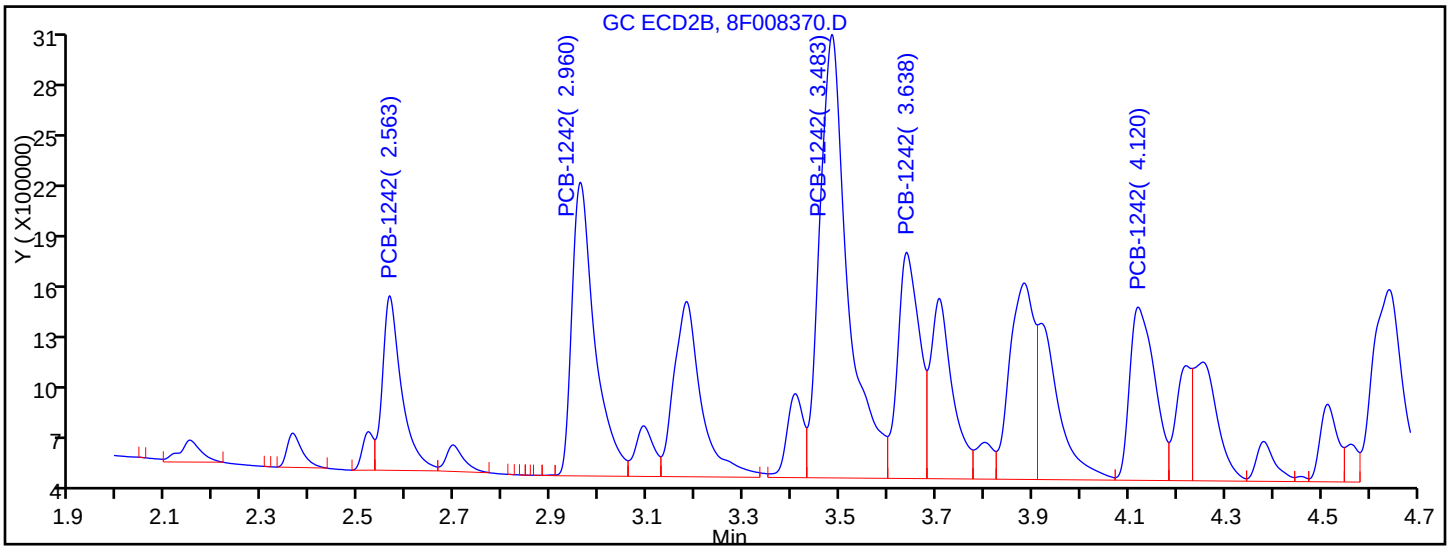
Injection Date:	11-Nov-2015 13:41:41	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-9-B	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	400.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.563	Response = 2851109	
RT = 2.960	Response = 5689296	M
RT = 3.483	Response = 10577017	M
RT = 3.638	Response = 4154072	M
RT = 4.120	Response = 3629089	M



Manual Integration Results

RT = 2.563	Response = 2851109	
RT = 2.960	Response = 5752186	M
RT = 3.483	Response = 10755575	M
RT = 3.638	Response = 4240373	M
RT = 4.120	Response = 3725502	M

Reviewer: patelji, 11-Nov-2015 14:42:07

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S | Lab Sample ID: 460-104096-10

Matrix: Solid | Lab File ID: 8F008371.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:52

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0222(g) | Date Analyzed: 11/11/2015 13:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D
Lims ID: 460-104096-E-10-B Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 13:58:38 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0034110-014
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:41:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3742980	20.0	
2	1.468	1.468	0.000	2574093	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.311	0.000	1970940	616.1	M
1	3.831	3.831	0.000	3960665	588.2	M
1	4.403	4.403	0.000	7042769	559.9	M
1	4.574	4.575	-0.001	3269418	567.0	M
1	5.750	5.750	0.000	3135336	582.8	M
		Average of Peak Amounts =			582.8	
2	2.560	2.560	0.000	1351918	587.5	
2	2.957	2.957	0.000	3077865	688.6	M
2	3.481	3.480	0.001	5865396	666.1	M
2	3.635	3.635	0.000	2345381	662.7	M
2	4.118	4.117	0.001	2479464	625.8	M
		Average of Peak Amounts =			646.1	
					RPD = 10.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

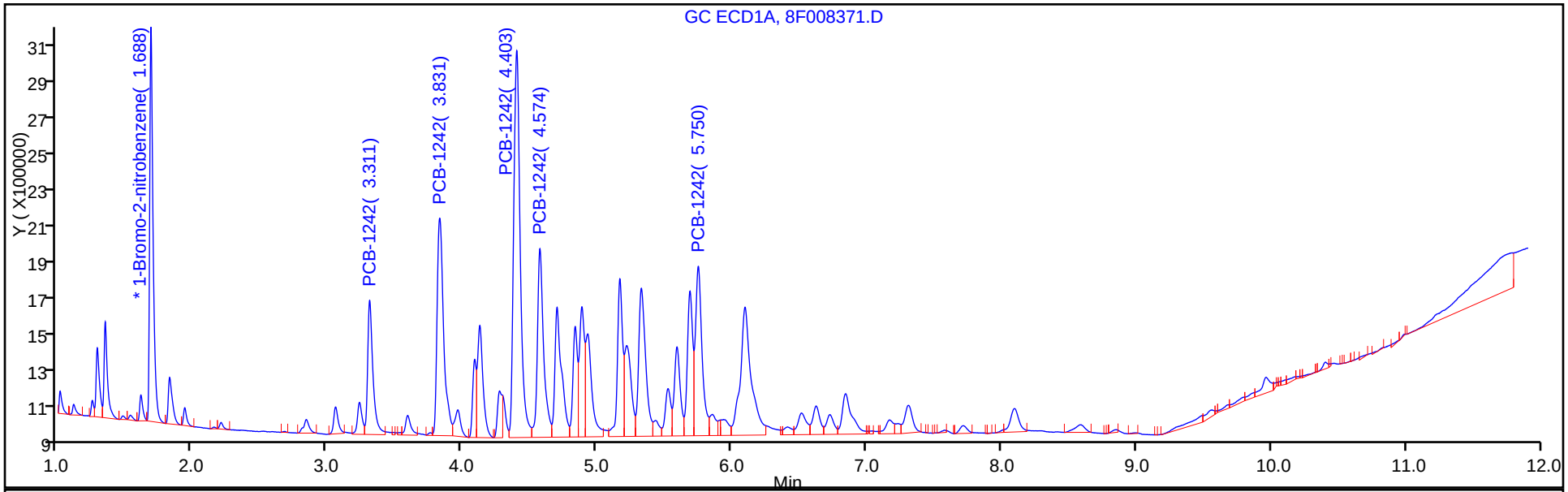
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

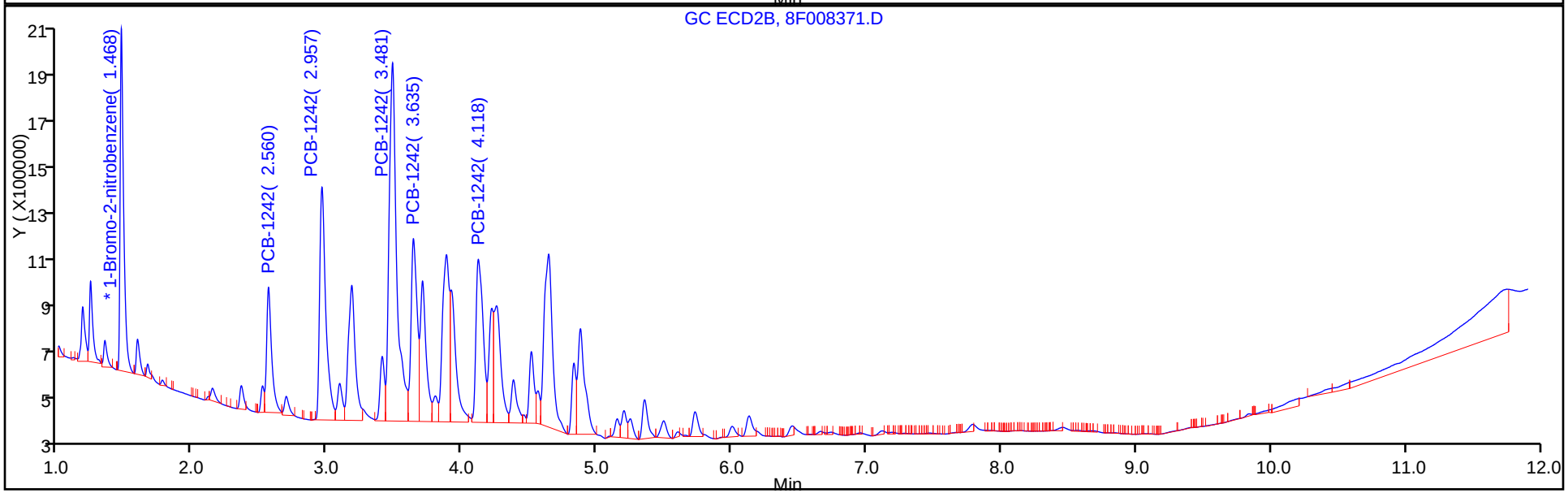
Report Date: 11-Nov-2015 15:33:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D

Injection Date:	11-Nov-2015 13:58:38	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-10-B	Lab Sample ID:	460-104096-10	Worklist Smp#:	14
Client ID:	PMP-24-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	14
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





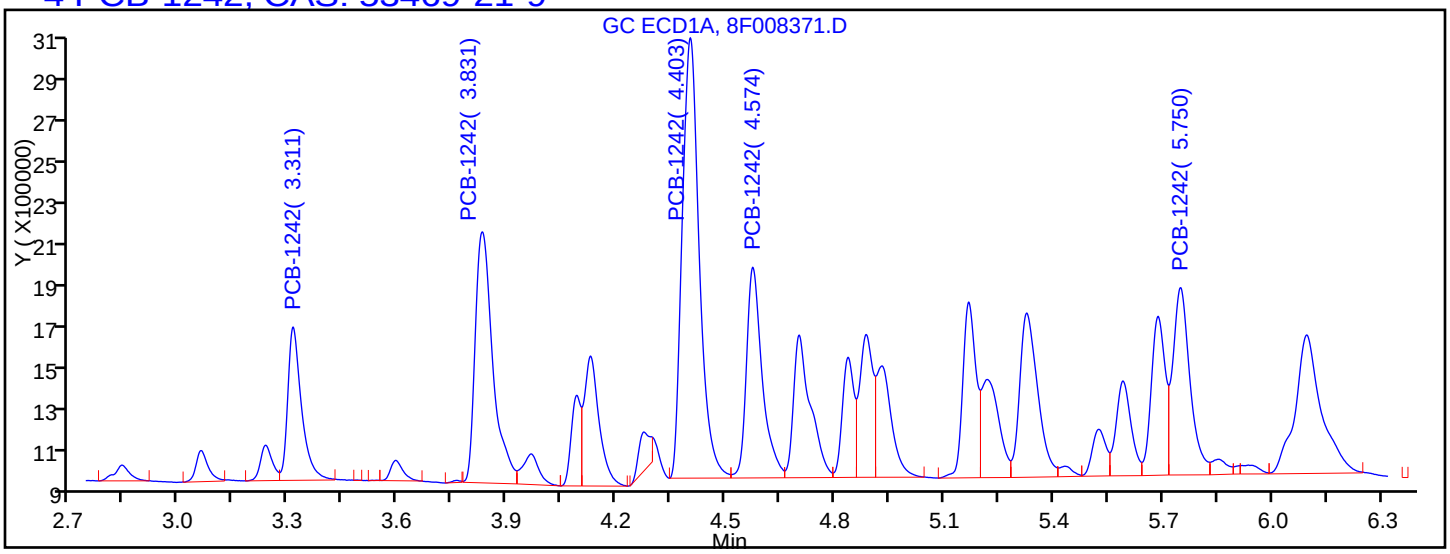
Report Date: 11-Nov-2015 15:33:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D

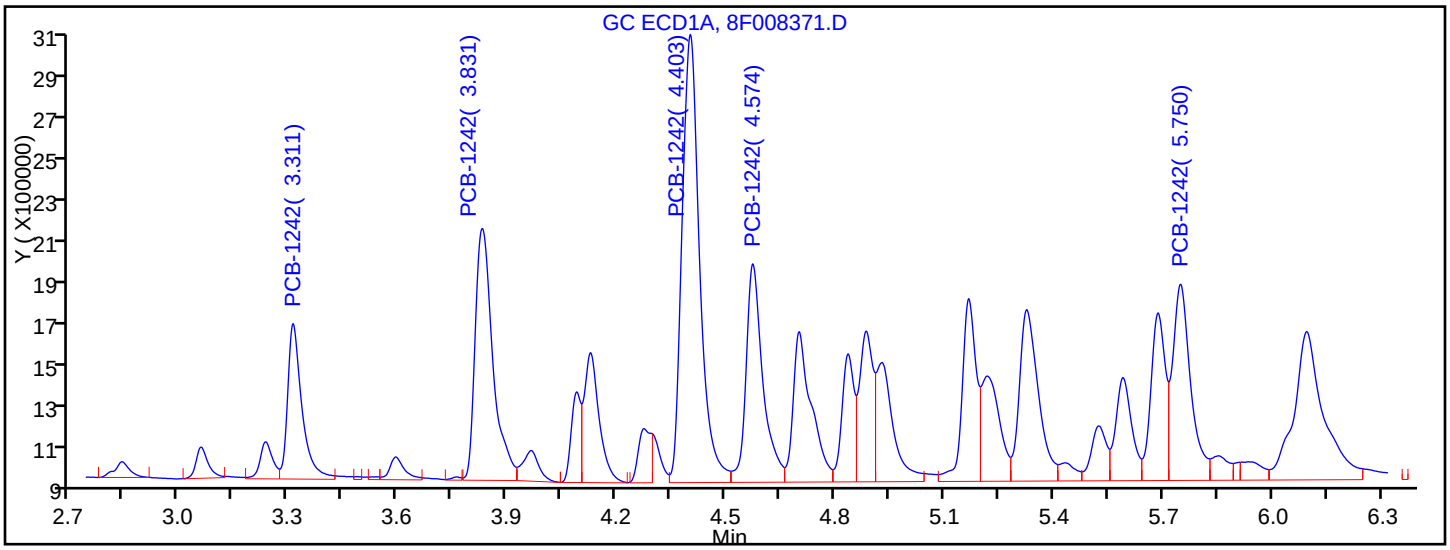
Injection Date:	11-Nov-2015 13:58:38	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-10-B	Lab Sample ID:	460-104096-10		
Client ID:	PMP-24-NW2-S				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.311	Response = 1871438	M
RT = 3.831	Response = 3932078	M
RT = 4.403	Response = 6673726	M
RT = 4.574	Response = 2949499	M
RT = 5.750	Response = 2854602	M



Manual Integration Results

RT = 3.311	Response = 1970940	M
RT = 3.831	Response = 3960665	M
RT = 4.403	Response = 7042769	M
RT = 4.574	Response = 3269418	M
RT = 5.750	Response = 3135336	M

Reviewer: patelji, 11-Nov-2015 14:41:52

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S | Lab Sample ID: 460-104096-10

Matrix: Solid | Lab File ID: 8F008371.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:52

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0222(g) | Date Analyzed: 11/11/2015 13:58

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10000	U	75000	10000
11104-28-2	Aroclor 1221	10000	U	75000	10000
11141-16-5	Aroclor 1232	10000	U	75000	10000
53469-21-9	Aroclor 1242	480000		75000	10000
12672-29-6	Aroclor 1248	10000	U	75000	10000
11097-69-1	Aroclor 1254	10000	U	75000	10000
11096-82-5	Aroclor 1260	10000	U	75000	10000
37324-23-5	Aroclor 1262	10000	U	75000	10000
11100-14-4	Aroclor 1268	10000	U	75000	10000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D
Lims ID: 460-104096-E-10-B Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 13:58:38 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0034110-014
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:41:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3742980	20.0	
2	1.468	1.468	0.000	2574093	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.311	0.000	1970940	616.1	M
1	3.831	3.831	0.000	3960665	588.2	M
1	4.403	4.403	0.000	7042769	559.9	M
1	4.574	4.575	-0.001	3269418	567.0	M
1	5.750	5.750	0.000	3135336	582.8	M
		Average of Peak Amounts =			582.8	
2	2.560	2.560	0.000	1351918	587.5	
2	2.957	2.957	0.000	3077865	688.6	M
2	3.481	3.480	0.001	5865396	666.1	M
2	3.635	3.635	0.000	2345381	662.7	M
2	4.118	4.117	0.001	2479464	625.8	M
		Average of Peak Amounts =			646.1	
					RPD = 10.31	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

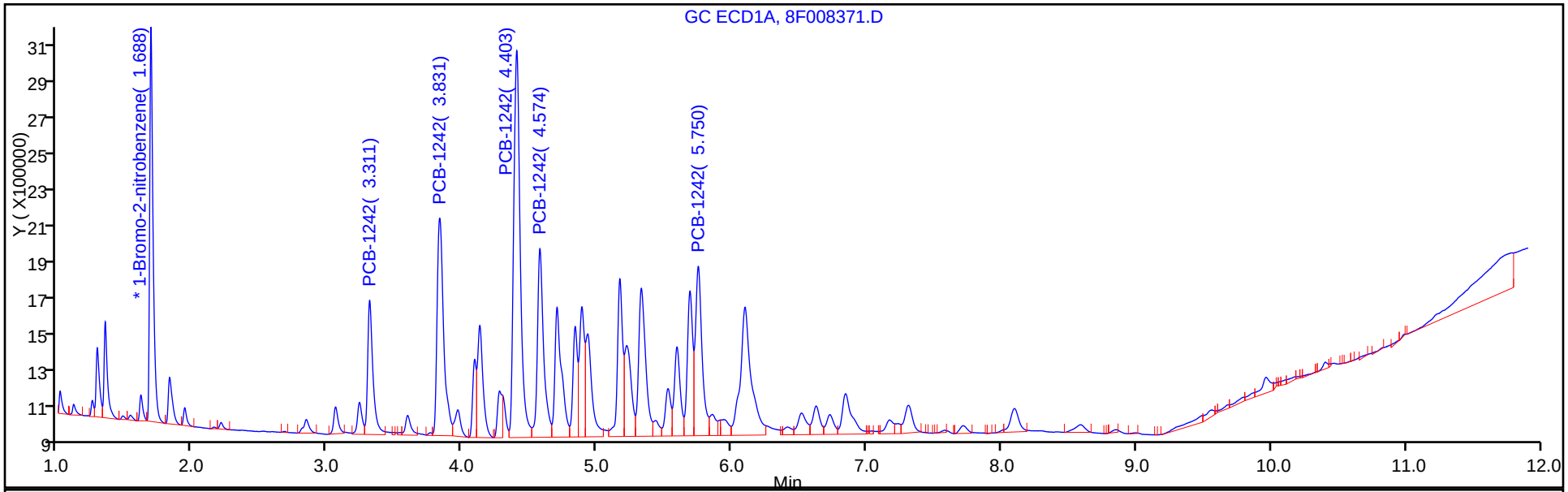
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

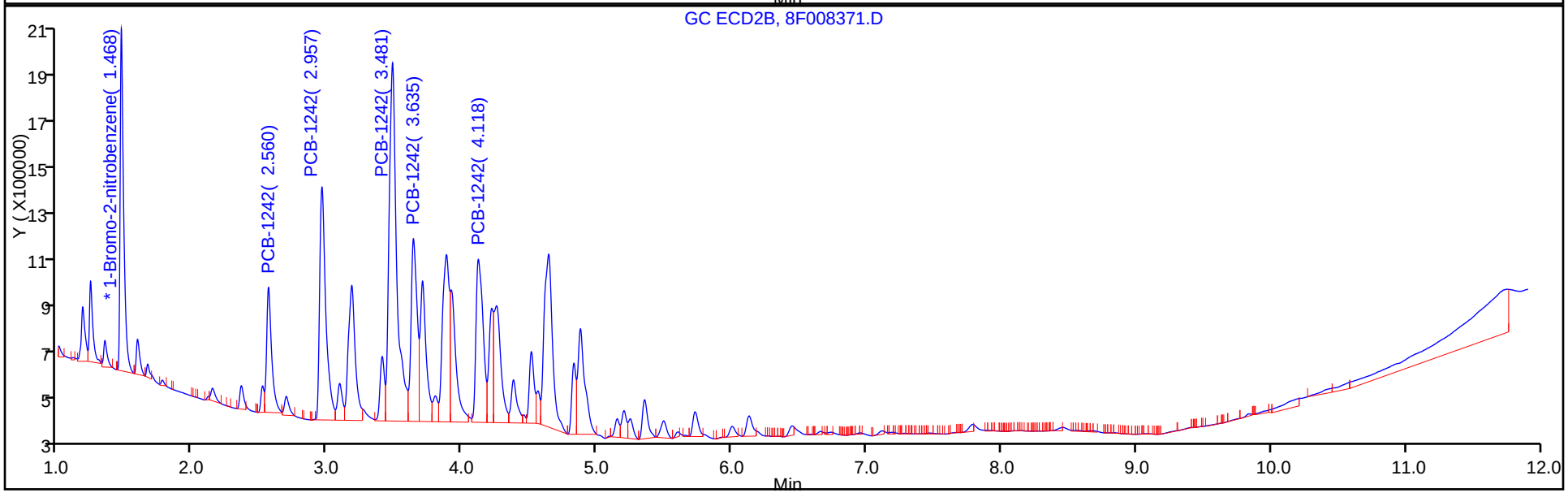
Report Date: 11-Nov-2015 15:33:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D

Injection Date:	11-Nov-2015 13:58:38	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-10-B	Lab Sample ID:	460-104096-10	Worklist Smp#:	14
Client ID:	PMP-24-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	14
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





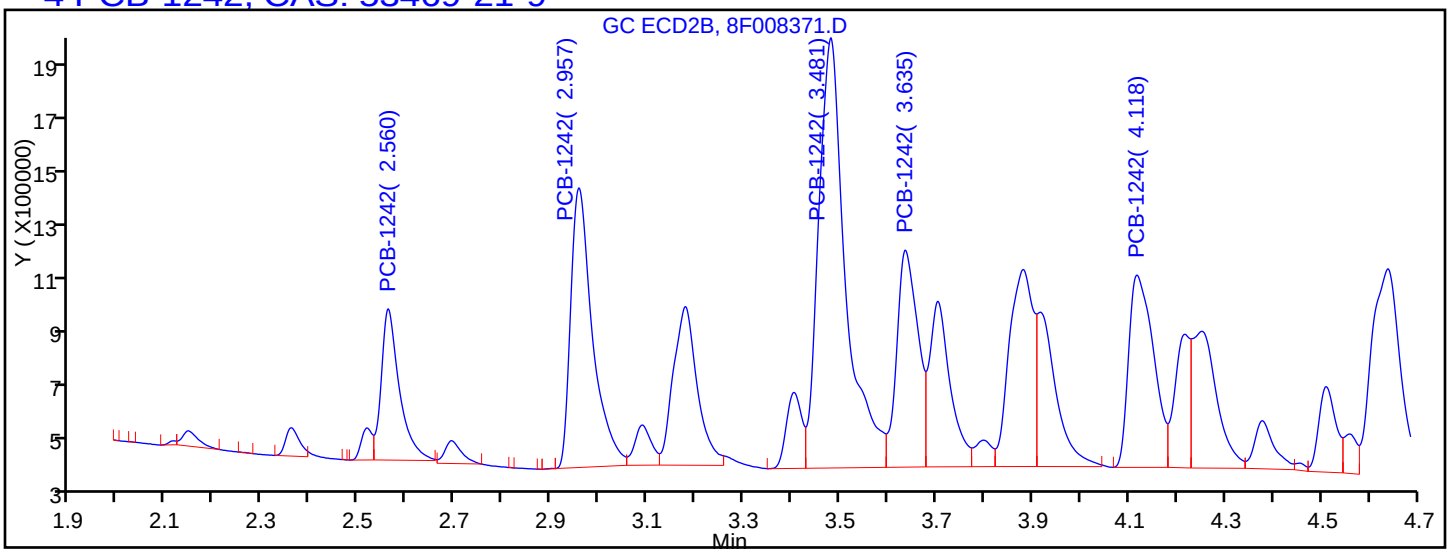
Report Date: 11-Nov-2015 15:33:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008371.D

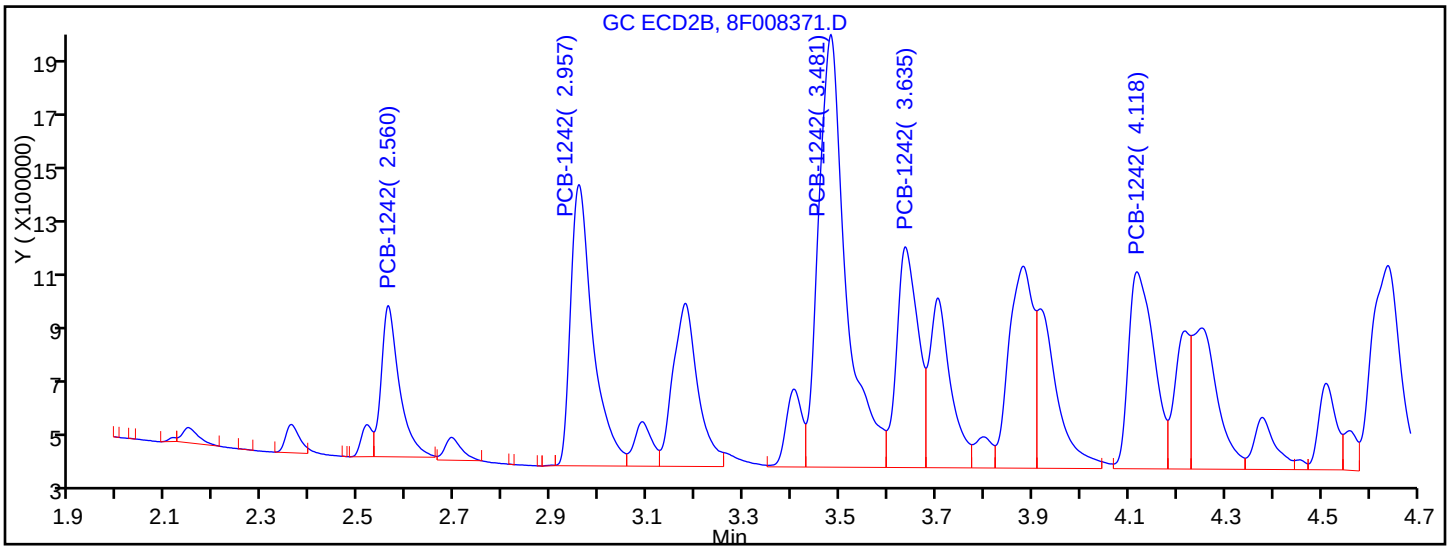
Injection Date:	11-Nov-2015 13:58:38	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-10-B	Lab Sample ID:	460-104096-10		
Client ID:	PMP-24-NW2-S				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.560	Response = 1351918	
RT = 2.957	Response = 3009829	M
RT = 3.481	Response = 5772343	M
RT = 3.635	Response = 2282521	M
RT = 4.118	Response = 2370192	M



Manual Integration Results

RT = 2.560	Response = 1351918	
RT = 2.957	Response = 3077865	M
RT = 3.481	Response = 5865396	M
RT = 3.635	Response = 2345381	M
RT = 4.118	Response = 2479464	M

Reviewer: patelji, 11-Nov-2015 14:41:52

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 | Lab Sample ID: 460-104096-11

Matrix: Solid | Lab File ID: 8F008372.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:54

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0082(g) | Date Analyzed: 11/11/2015 14:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D
Lims ID: 460-104096-F-11-D Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 14:15:38 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0034110-015
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:41:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3718665	20.0	
2	1.468	1.468	0.000	2499975	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.311	0.000	3822675	1202.7	M
1	3.831	3.831	0.000	7377319	1102.8	
1	4.403	4.403	0.000	13680569	1094.8	M
1	4.575	4.575	0.000	6374003	1112.7	M
1	5.750	5.750	0.000	6370788	1191.9	M
		Average of Peak Amounts =			1141.0	
2	2.560	2.560	0.000	2784054	1245.7	
2	2.957	2.957	0.000	5896602	1358.3	M
2	3.480	3.480	0.000	11943677	1396.5	M
2	3.635	3.635	0.000	4740228	1379.1	M
2	4.117	4.117	0.000	5236303	1360.9	M
		Average of Peak Amounts =			1348.1	
					RPD = 16.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

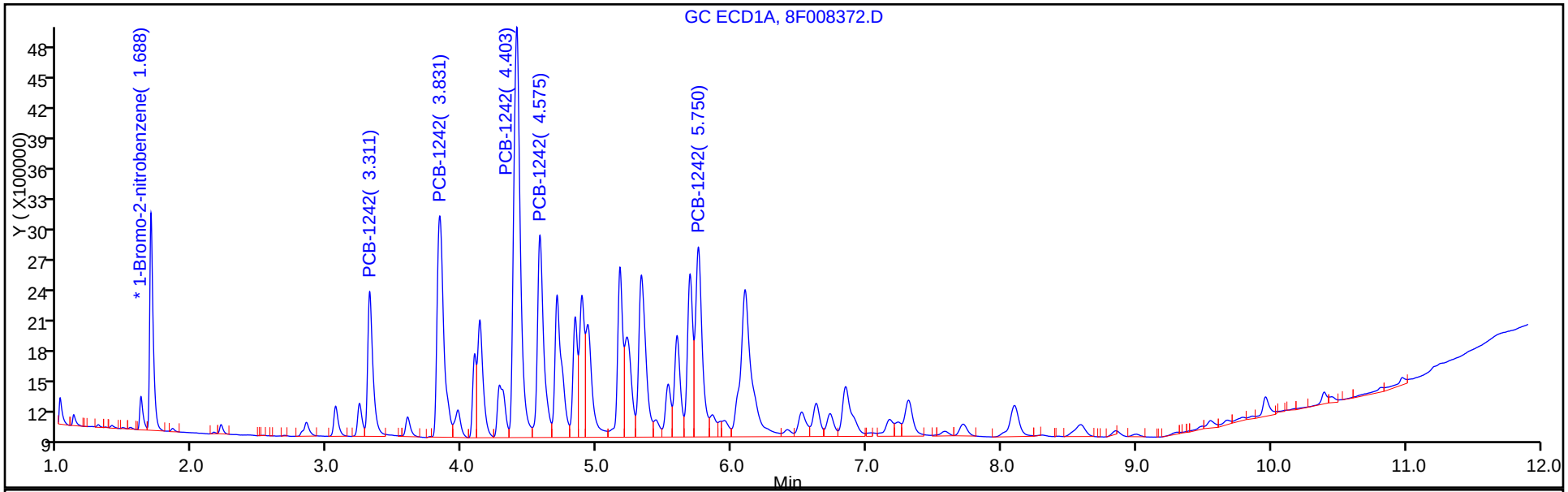
Reagents:

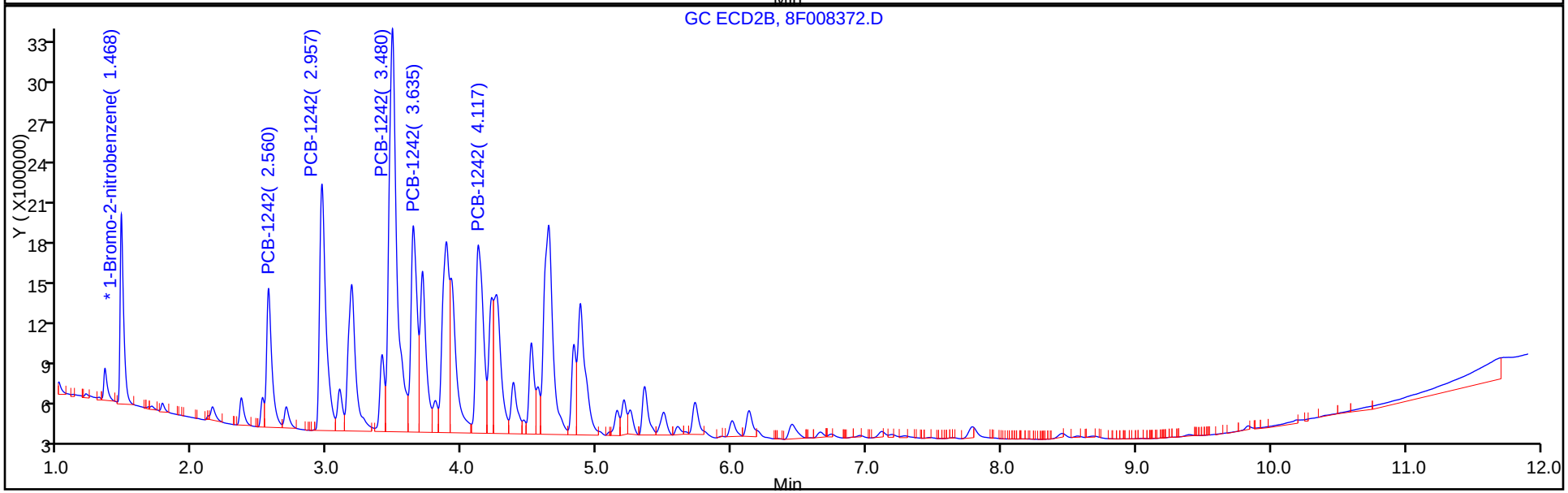
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D				
Injection Date:	11-Nov-2015 14:15:38	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-11-D	Lab Sample ID:	460-104096-11	Worklist Smp#:	15
Client ID:	PMP-24-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	15
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





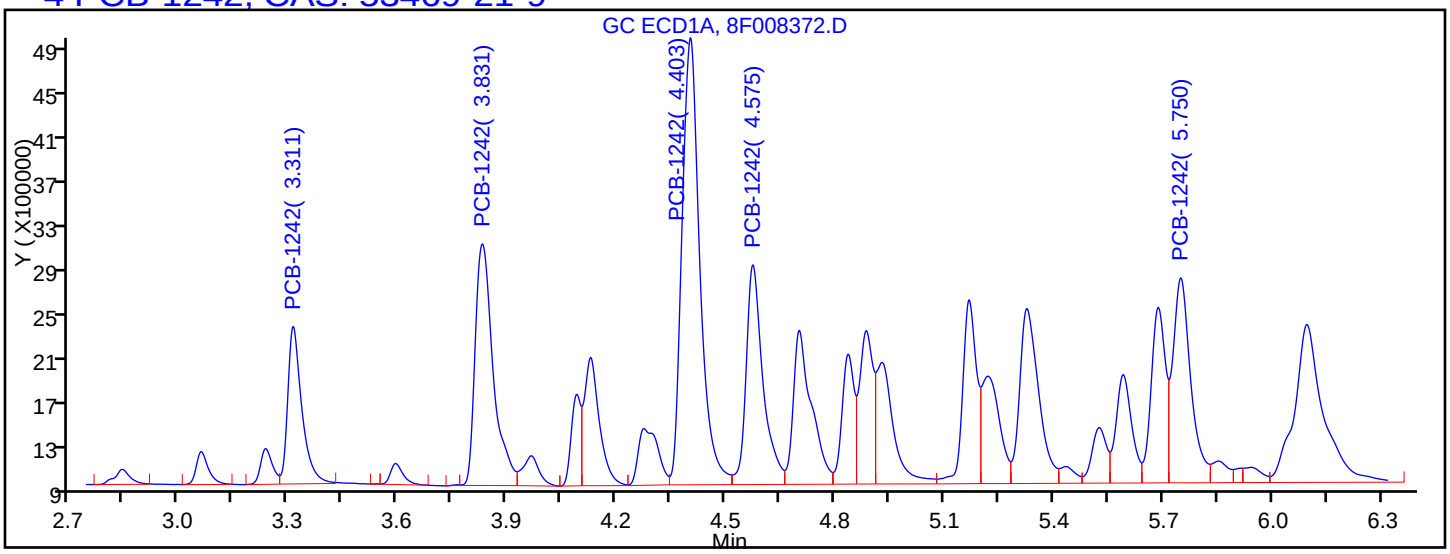
Report Date: 11-Nov-2015 15:33:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D

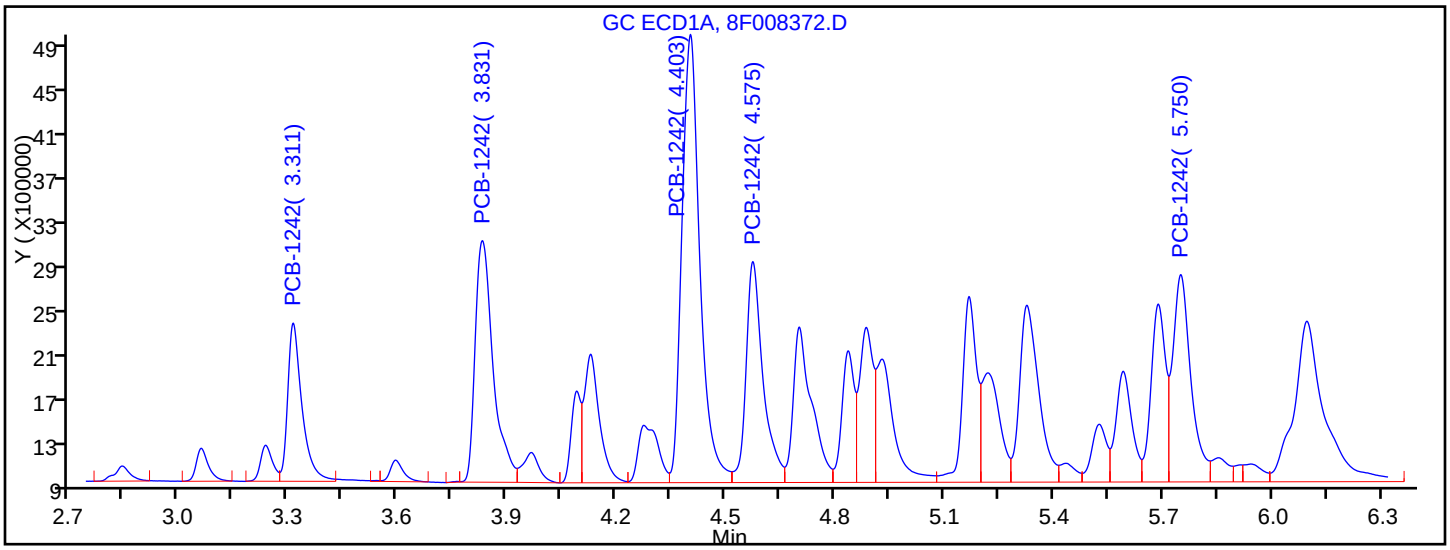
Injection Date:	11-Nov-2015 14:15:38	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-11-D	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.311	Response = 3754771	M
RT = 3.831	Response = 7377319	
RT = 4.403	Response = 13572497	M
RT = 4.575	Response = 6272743	M
RT = 5.750	Response = 6225215	M



Manual Integration Results

RT = 3.311	Response = 3822675	M
RT = 3.831	Response = 7377319	
RT = 4.403	Response = 13680569	M
RT = 4.575	Response = 6374003	M
RT = 5.750	Response = 6370788	M

Reviewer: patelji, 11-Nov-2015 14:41:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 | Lab Sample ID: 460-104096-11

Matrix: Solid | Lab File ID: 8F008372.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:54

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0082(g) | Date Analyzed: 11/11/2015 14:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1000

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10000	U	78000	10000
11104-28-2	Aroclor 1221	10000	U	78000	10000
11141-16-5	Aroclor 1232	10000	U	78000	10000
53469-21-9	Aroclor 1242	1100000		78000	10000
12672-29-6	Aroclor 1248	10000	U	78000	10000
11097-69-1	Aroclor 1254	11000	U	78000	11000
11096-82-5	Aroclor 1260	11000	U	78000	11000
37324-23-5	Aroclor 1262	11000	U	78000	11000
11100-14-4	Aroclor 1268	11000	U	78000	11000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D
Lims ID: 460-104096-F-11-D Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 14:15:38 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1000.0000
Sample Info: 460-0034110-015
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:41:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3718665	20.0	
2	1.468	1.468	0.000	2499975	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.311	0.000	3822675	1202.7	M
1	3.831	3.831	0.000	7377319	1102.8	
1	4.403	4.403	0.000	13680569	1094.8	M
1	4.575	4.575	0.000	6374003	1112.7	M
1	5.750	5.750	0.000	6370788	1191.9	M
		Average of Peak Amounts =			1141.0	
2	2.560	2.560	0.000	2784054	1245.7	
2	2.957	2.957	0.000	5896602	1358.3	M
2	3.480	3.480	0.000	11943677	1396.5	M
2	3.635	3.635	0.000	4740228	1379.1	M
2	4.117	4.117	0.000	5236303	1360.9	M
		Average of Peak Amounts =			1348.1	
					RPD = 16.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

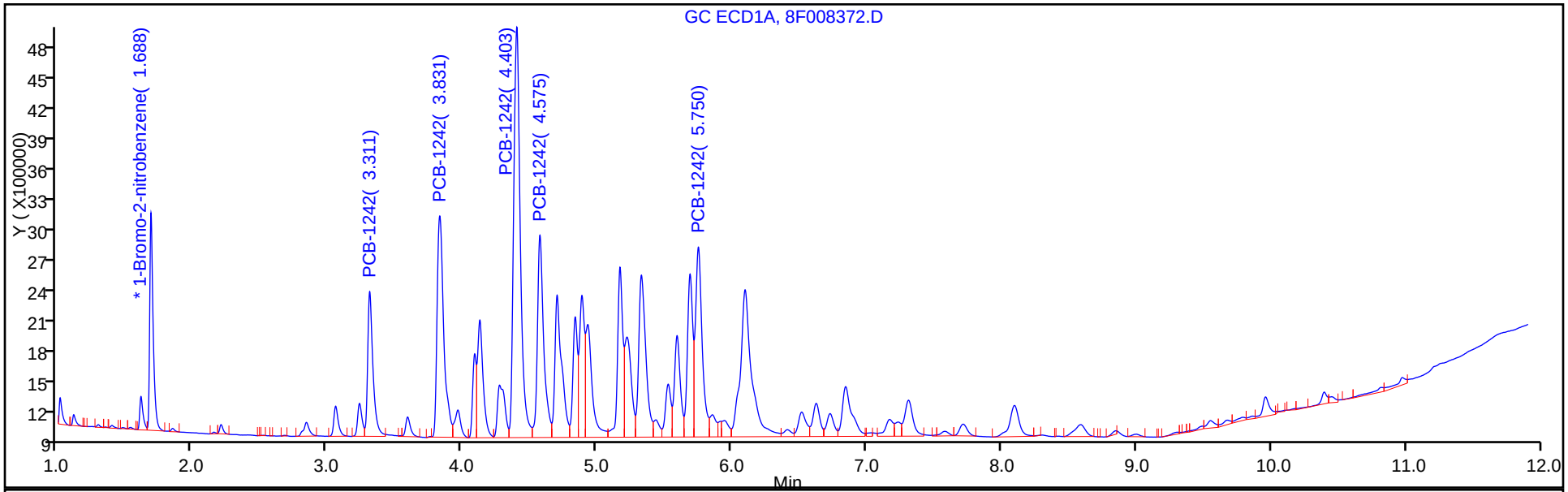
Reagents:

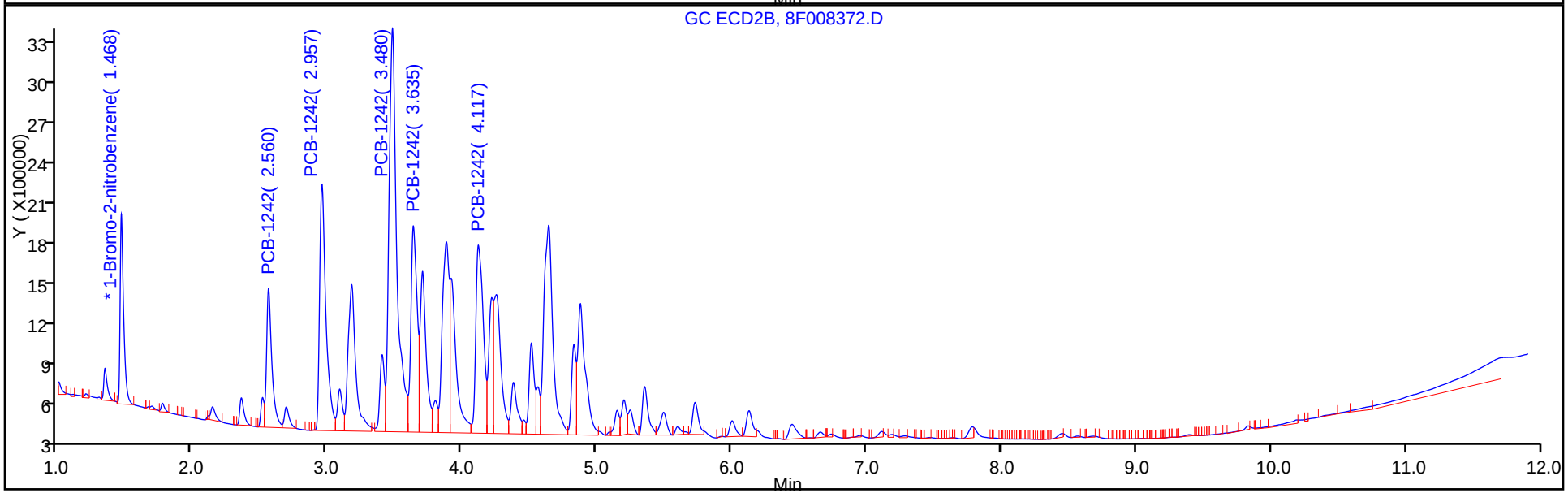
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:33:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D				
Injection Date:	11-Nov-2015 14:15:38	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-11-D	Lab Sample ID:	460-104096-11	Worklist Smp#:	15
Client ID:	PMP-24-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000	ALS Bottle#:	15
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





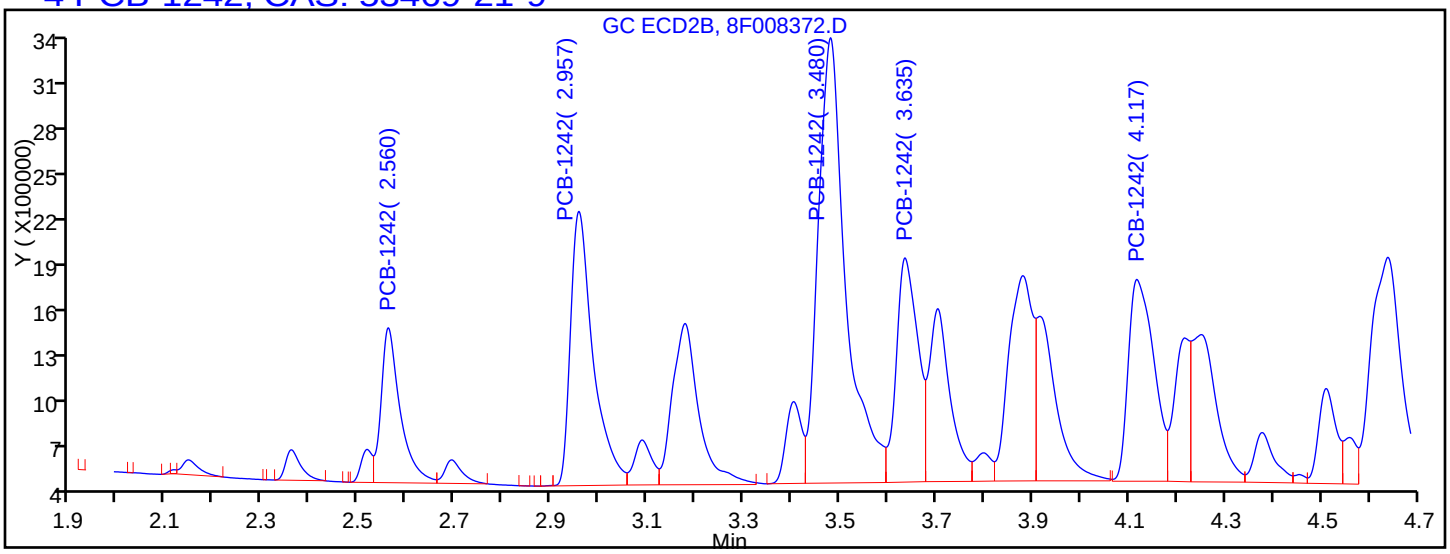
Report Date: 11-Nov-2015 15:33:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008372.D

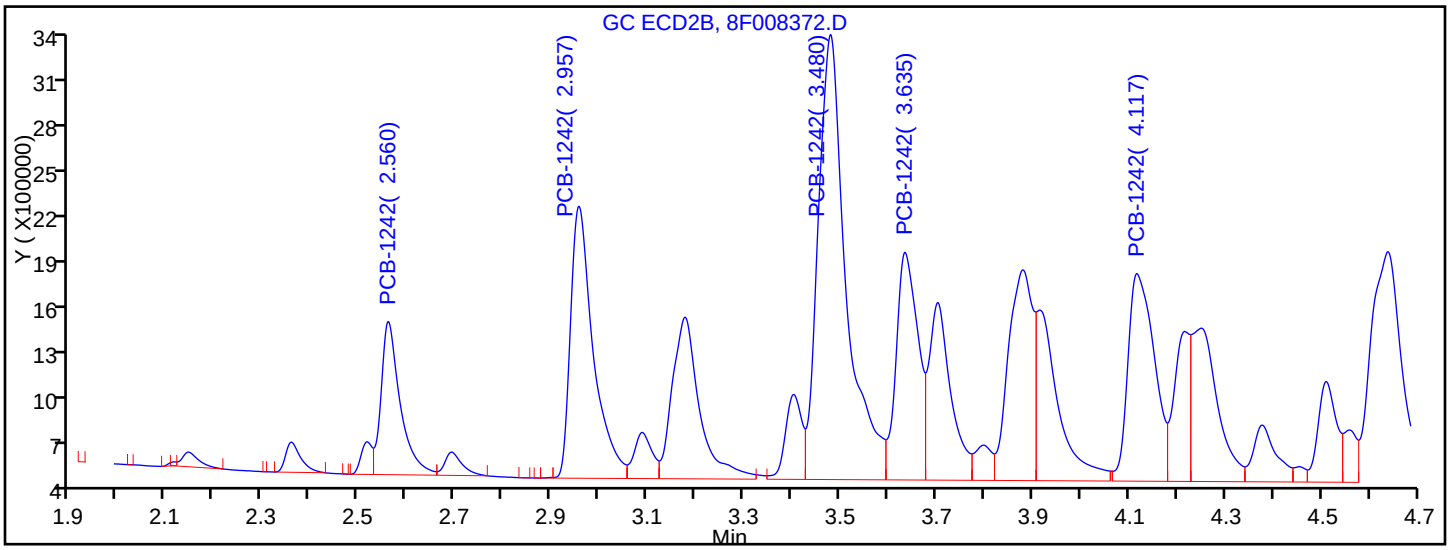
Injection Date:	11-Nov-2015 14:15:38	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-11-D	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	1000.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.560	Response = 2784054	
RT = 2.957	Response = 5844788	M
RT = 3.480	Response = 11629298	M
RT = 3.635	Response = 4548863	M
RT = 4.117	Response = 4875102	M



Manual Integration Results

RT = 2.560	Response = 2784054	
RT = 2.957	Response = 5896602	M
RT = 3.480	Response = 11943677	M
RT = 3.635	Response = 4740228	M
RT = 4.117	Response = 5236303	M

Reviewer: patelji, 11-Nov-2015 14:41:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-4-NW2-V | Lab Sample ID: 460-104096-12

Matrix: Solid | Lab File ID: 8F008313.D

Analysis Method: 8082A | Date Collected: 11/05/2015 08:32

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/10/2015 20:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	90		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008313.D
Lims ID: 460-104096-A-12-A Lab Sample ID: 460-104096-12
Client ID: PMP-4-NW2-V
Sample Type: Client
Inject. Date: 10-Nov-2015 20:00:42 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-018
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:58:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3383789	20.0	
2	1.471	1.468	0.003	2334436	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.311	3.312	-0.001	4588895	1586.6	
1	3.832	3.832	0.000	7770105	1276.4	
1	4.404	4.404	0.000	13817377	1215.2	
1	4.575	4.575	0.000	6177256	1185.1	
1	5.751	5.752	-0.001	5893163	1211.7	
		Average of Peak Amounts =			1295.0	
2	2.564	2.562	0.002	2841481	1361.5	
2	2.961	2.958	0.003	6162124	1520.1	
2	3.484	3.481	0.003	11966020	1498.4	
2	3.639	3.636	0.003	4658820	1451.5	
2	4.121	4.119	0.002	4769293	1327.4	
		Average of Peak Amounts =			1431.8	
					RPD = 10.03	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	11.465	11.506	-0.041	6918953	45.2	M
2	10.394	10.410	-0.016	6629788	54.3	
					RPD = 18.25	

QC Flag Legend

Review Flags

M - Manually Integrated

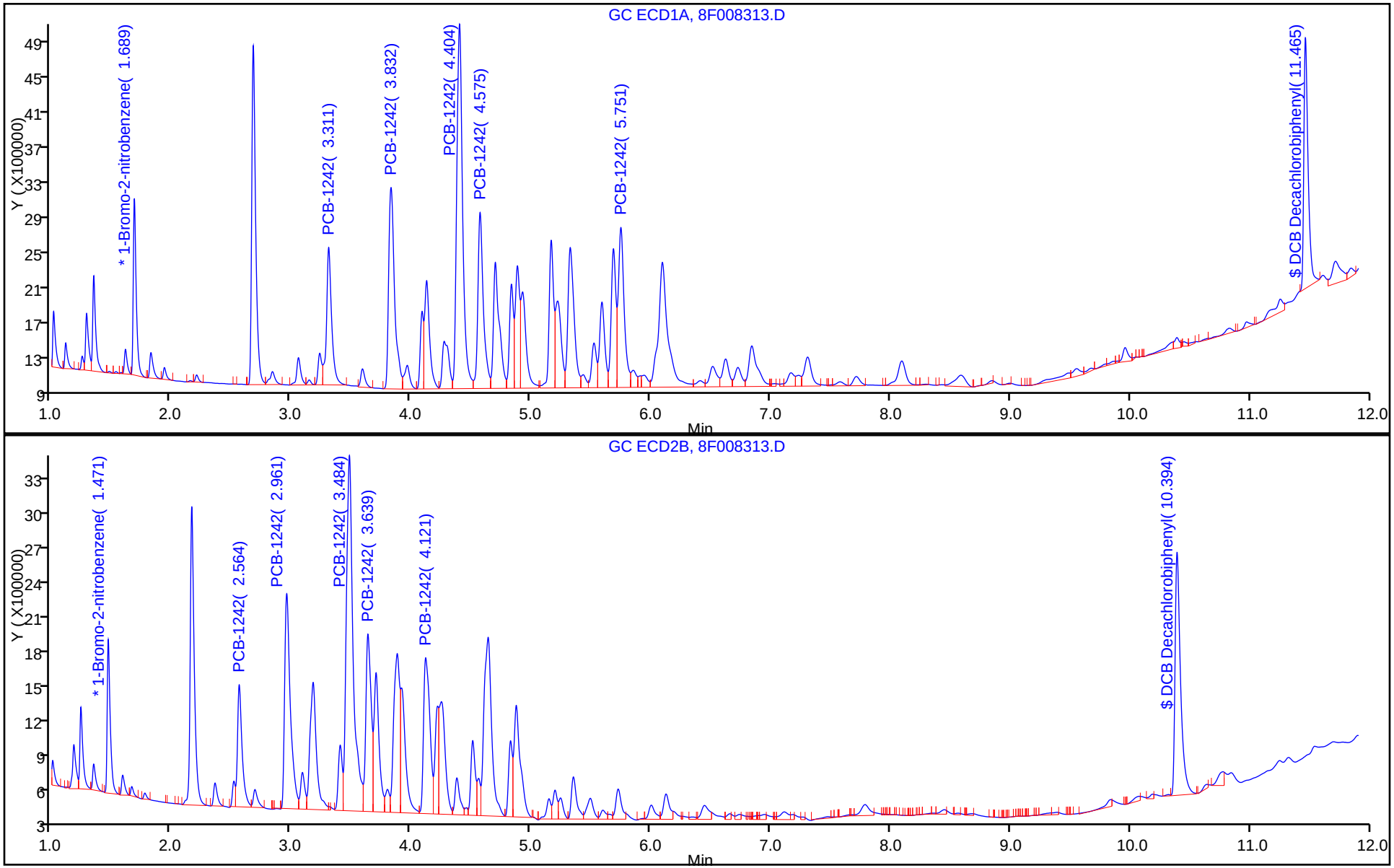
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:11:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008313.D				
Injection Date:	10-Nov-2015 20:00:42	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-12-A	Lab Sample ID:	460-104096-12	Worklist Smp#:	18
Client ID:	PMP-4-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

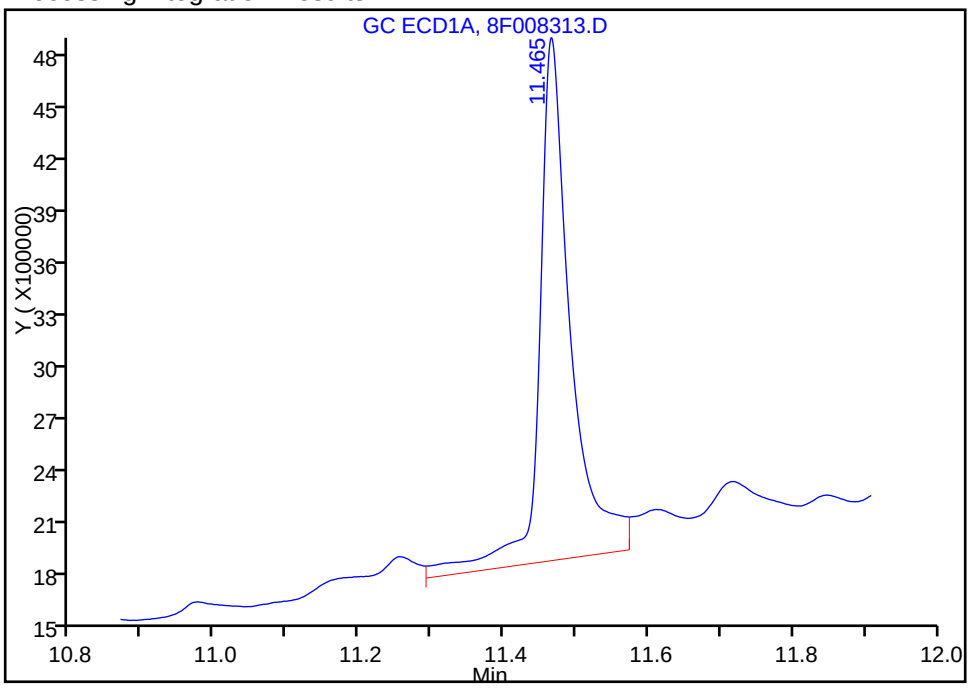
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008313.D				
Injection Date:	10-Nov-2015 20:00:42	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-12-A	Lab Sample ID:	460-104096-12		
Client ID:	PMP-4-NW2-V				
Operator ID:	615	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

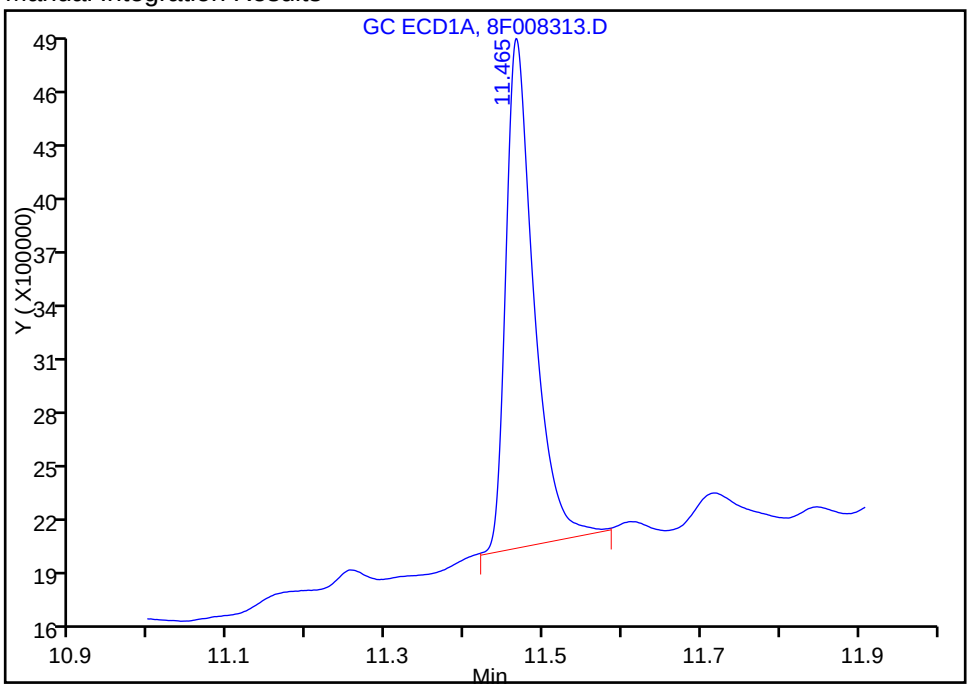
Processing Integration Results

RT: 11.47
Area: 8919138
Amount: 58.244208
Amount Units: ug/l



Manual Integration Results

RT: 11.47
Area: 6918953
Amount: 45.182498
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:32:09
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-4-NW2-V | Lab Sample ID: 460-104096-12

Matrix: Solid | Lab File ID: 8F008313.D

Analysis Method: 8082A | Date Collected: 11/05/2015 08:32

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0044(g) | Date Analyzed: 11/10/2015 20:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.5	U	72	9.5
11104-28-2	Aroclor 1221	9.5	U	72	9.5
11141-16-5	Aroclor 1232	9.5	U	72	9.5
53469-21-9	Aroclor 1242	1000		72	9.5
12672-29-6	Aroclor 1248	9.5	U	72	9.5
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	9.9	U	72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008313.D
Lims ID: 460-104096-A-12-A Lab Sample ID: 460-104096-12
Client ID: PMP-4-NW2-V
Sample Type: Client
Inject. Date: 10-Nov-2015 20:00:42 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-018
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:58:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3383789	20.0	
2	1.471	1.468	0.003	2334436	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.311	3.312	-0.001	4588895	1586.6	
1	3.832	3.832	0.000	7770105	1276.4	
1	4.404	4.404	0.000	13817377	1215.2	
1	4.575	4.575	0.000	6177256	1185.1	
1	5.751	5.752	-0.001	5893163	1211.7	
		Average of Peak Amounts =			1295.0	
2	2.564	2.562	0.002	2841481	1361.5	
2	2.961	2.958	0.003	6162124	1520.1	
2	3.484	3.481	0.003	11966020	1498.4	
2	3.639	3.636	0.003	4658820	1451.5	
2	4.121	4.119	0.002	4769293	1327.4	
		Average of Peak Amounts =			1431.8	
					RPD = 10.03	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	11.465	11.506	-0.041	6918953	45.2	M
2	10.394	10.410	-0.016	6629788	54.3	
					RPD = 18.25	

QC Flag Legend

Review Flags

M - Manually Integrated

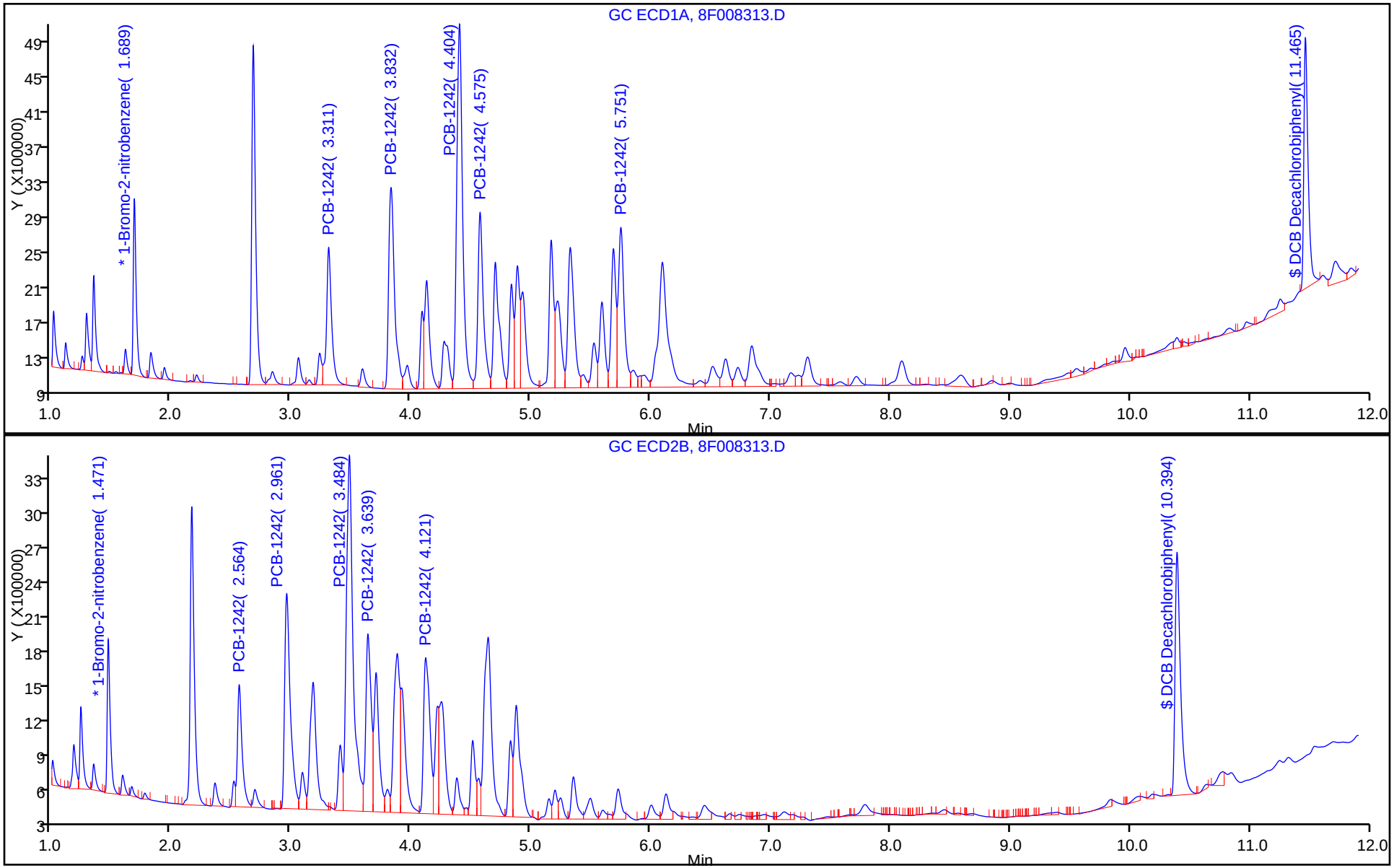
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:11:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008313.D				
Injection Date:	10-Nov-2015 20:00:42	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-12-A	Lab Sample ID:	460-104096-12	Worklist Smp#:	18
Client ID:	PMP-4-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT | Lab Sample ID: 460-104096-13

Matrix: Solid | Lab File ID: 8F008347.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:08

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0090(g) | Date Analyzed: 11/11/2015 05:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D
Lims ID: 460-104096-E-13-A Lab Sample ID: 460-104096-13
Client ID: PMP-5-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 05:29:03 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034065-052
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:57:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3420881	20.0	
2	1.471	1.472	-0.001	2274323	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.312	-0.001	3839078	1313.0	
1	3.831	3.832	-0.001	7665401	1245.6	
1	4.403	4.404	-0.001	14025963	1220.1	M
1	4.574	4.575	-0.001	6476731	1229.1	M
1	5.749	5.752	-0.003	6584912	1339.2	M
		Average of Peak Amounts =			1269.4	
2	2.564	2.562	0.002	2795824	1375.1	
2	2.960	2.958	0.002	5780393	1463.6	
2	3.483	3.481	0.002	11994566	1541.6	M
2	3.638	3.636	0.002	4791278	1532.3	M
2	4.120	4.119	0.001	4890867	1397.2	M
		Average of Peak Amounts =			1462.0	
					RPD = 14.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.303	7.241	0.062	1592808	135.0	M
1	7.714	7.717	-0.003	2823217	204.4	M
1	9.552	9.557	-0.005	1725250	212.8	M
1	9.955	9.969	-0.014	4295949	222.3	M
1	10.955	11.001	-0.046	970825	196.2	
		Average of Peak Amounts =			194.2	
2	5.600	5.599	0.001	1713965	202.1	M
2	7.115	7.113	0.002	1484708	206.2	M
2	7.788	7.786	0.002	3502594	218.4	M
2	8.455	8.451	0.004	1506061	173.3	
2	9.829	9.836	-0.007	701537	204.1	
		Average of Peak Amounts =			200.8	
					RPD = 3.37	
$ 11 DCB Decachlorobiphenyl						M
1	11.441	11.444	-0.003	182223	1.18	M
2	10.384	10.385	-0.001	161687	1.36	M
					RPD = 14.29	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

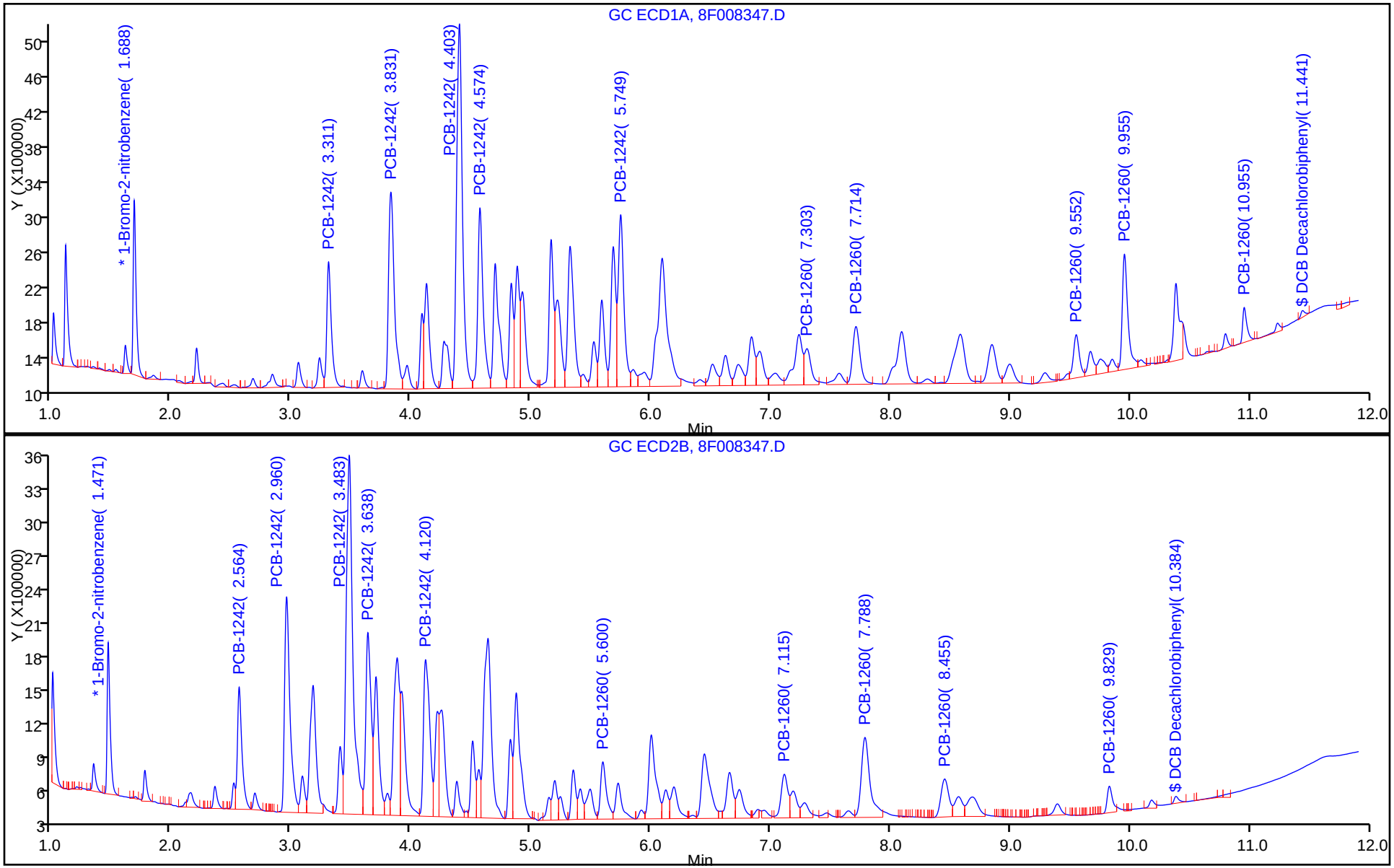
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D

Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13	Worklist Smp#:	52
Client ID:	PMP-5-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	52
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

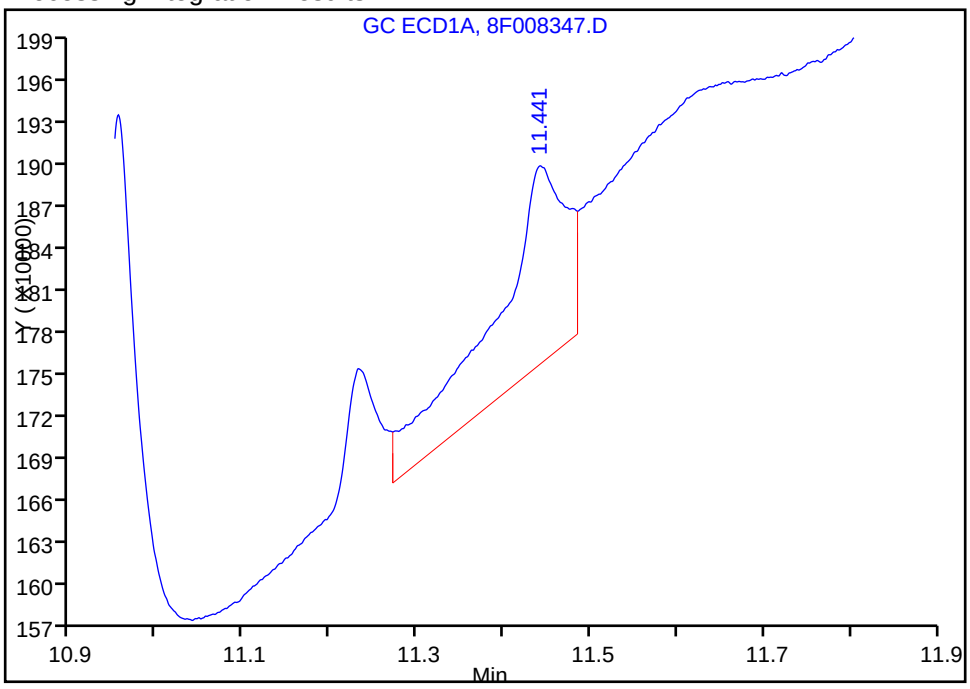
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D				
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

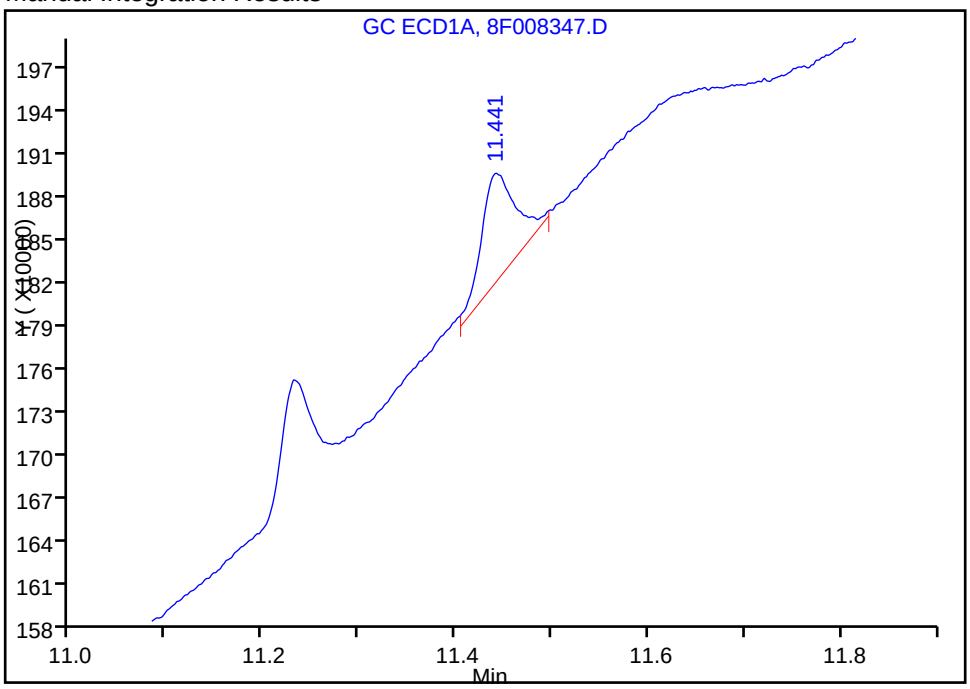
Processing Integration Results

RT: 11.44
Area: 830278
Amount: 5.363135
Amount Units: ug/l



Manual Integration Results

RT: 11.44
Area: 182223
Amount: 1.177059
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:57:24
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

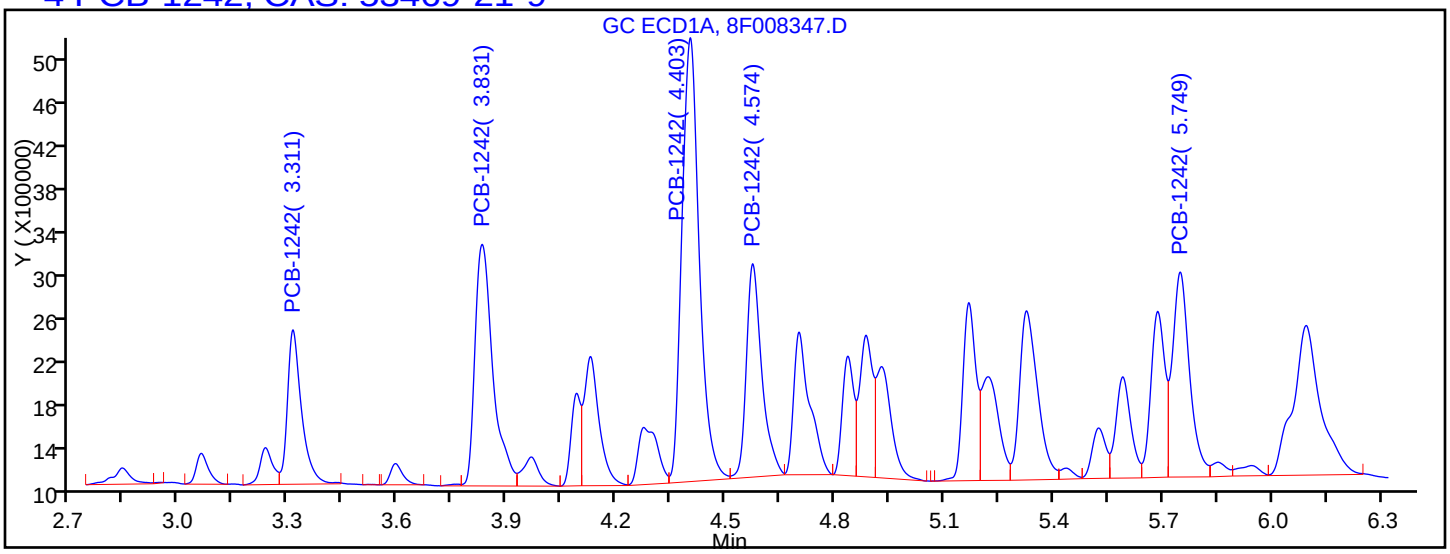
Report Date: 11-Nov-2015 13:13:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D

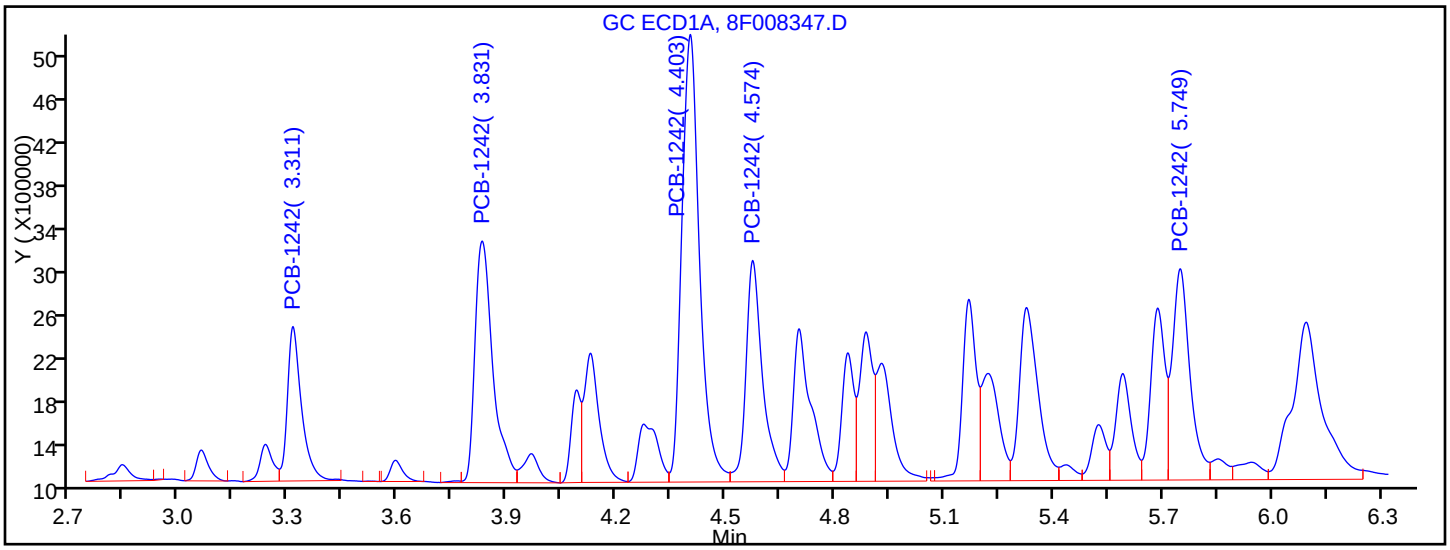
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.311	Response = 3839078	
RT = 3.831	Response = 7665401	
RT = 4.403	Response = 13620513	M
RT = 4.574	Response = 5794925	M
RT = 5.749	Response = 6186575	M



Manual Integration Results

RT = 3.311	Response = 3839078	
RT = 3.831	Response = 7665401	
RT = 4.403	Response = 14025963	M
RT = 4.574	Response = 6476731	M
RT = 5.749	Response = 6584912	M

Reviewer: patelji, 11-Nov-2015 12:57:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

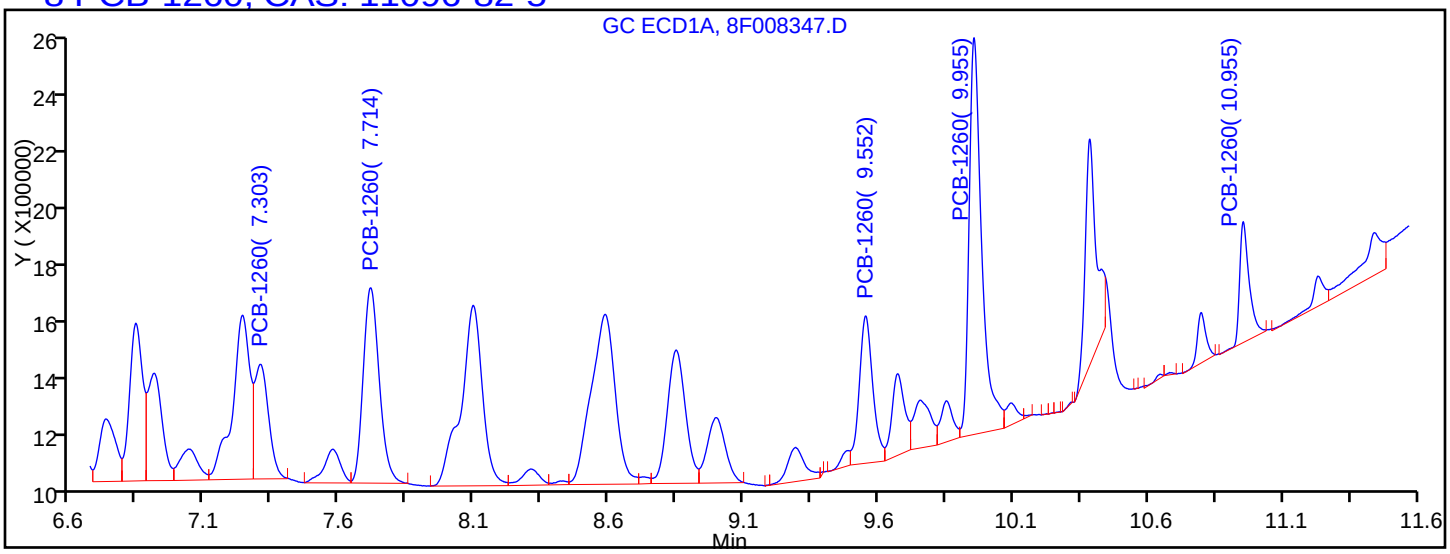
Report Date: 11-Nov-2015 13:13:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D

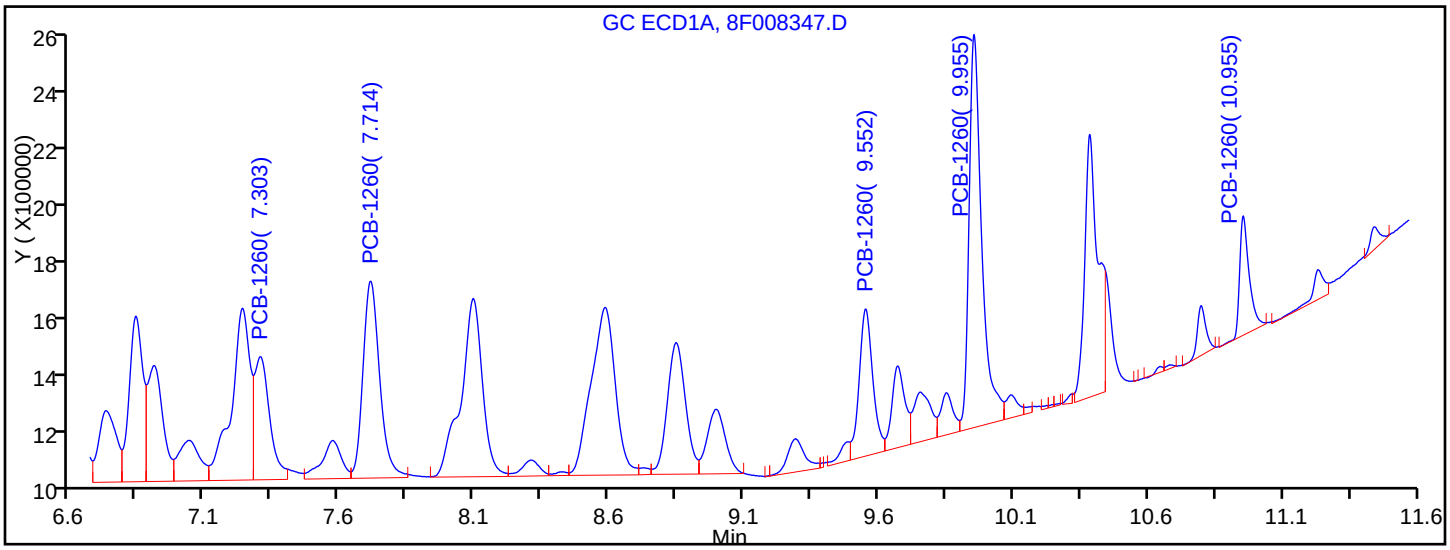
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.303	Response = 1343661	M
RT = 7.714	Response = 2658717	M
RT = 9.552	Response = 1688897	M
RT = 9.955	Response = 4257626	M
RT = 10.955	Response = 970825	



Manual Integration Results

RT = 7.303	Response = 1592808	M
RT = 7.714	Response = 2823217	M
RT = 9.552	Response = 1725250	M
RT = 9.955	Response = 4295949	M
RT = 10.955	Response = 970825	

Reviewer: patelji, 11-Nov-2015 12:57:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-WT | Lab Sample ID: 460-104096-13

Matrix: Solid | Lab File ID: 8F008347.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:08

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0090(g) | Date Analyzed: 11/11/2015 05:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	460	U	3500	460
11104-28-2	Aroclor 1221	460	U	3500	460
11141-16-5	Aroclor 1232	460	U	3500	460
53469-21-9	Aroclor 1242	50000		3500	460
12672-29-6	Aroclor 1248	460	U	3500	460
11097-69-1	Aroclor 1254	480	U	3500	480
11096-82-5	Aroclor 1260	6900		3500	480
37324-23-5	Aroclor 1262	480	U	3500	480
11100-14-4	Aroclor 1268	480	U	3500	480

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D
Lims ID: 460-104096-E-13-A Lab Sample ID: 460-104096-13
Client ID: PMP-5-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 05:29:03 ALS Bottle#: 52 Worklist Smp#: 52
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034065-052
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:57:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3420881	20.0	
2	1.471	1.472	-0.001	2274323	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.311	3.312	-0.001	3839078	1313.0	
1	3.831	3.832	-0.001	7665401	1245.6	
1	4.403	4.404	-0.001	14025963	1220.1	M
1	4.574	4.575	-0.001	6476731	1229.1	M
1	5.749	5.752	-0.003	6584912	1339.2	M
		Average of Peak Amounts =			1269.4	
2	2.564	2.562	0.002	2795824	1375.1	
2	2.960	2.958	0.002	5780393	1463.6	
2	3.483	3.481	0.002	11994566	1541.6	M
2	3.638	3.636	0.002	4791278	1532.3	M
2	4.120	4.119	0.001	4890867	1397.2	M
		Average of Peak Amounts =			1462.0	
					RPD = 14.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.303	7.241	0.062	1592808	135.0	M
1	7.714	7.717	-0.003	2823217	204.4	M
1	9.552	9.557	-0.005	1725250	212.8	M
1	9.955	9.969	-0.014	4295949	222.3	M
1	10.955	11.001	-0.046	970825	196.2	
		Average of Peak Amounts =			194.2	
2	5.600	5.599	0.001	1713965	202.1	M
2	7.115	7.113	0.002	1484708	206.2	M
2	7.788	7.786	0.002	3502594	218.4	M
2	8.455	8.451	0.004	1506061	173.3	
2	9.829	9.836	-0.007	701537	204.1	
		Average of Peak Amounts =			200.8	
					RPD = 3.37	
$ 11 DCB Decachlorobiphenyl						M
1	11.441	11.444	-0.003	182223	1.18	M
2	10.384	10.385	-0.001	161687	1.36	M
					RPD = 14.29	

QC Flag Legend

Review Flags

M - Manually Integrated

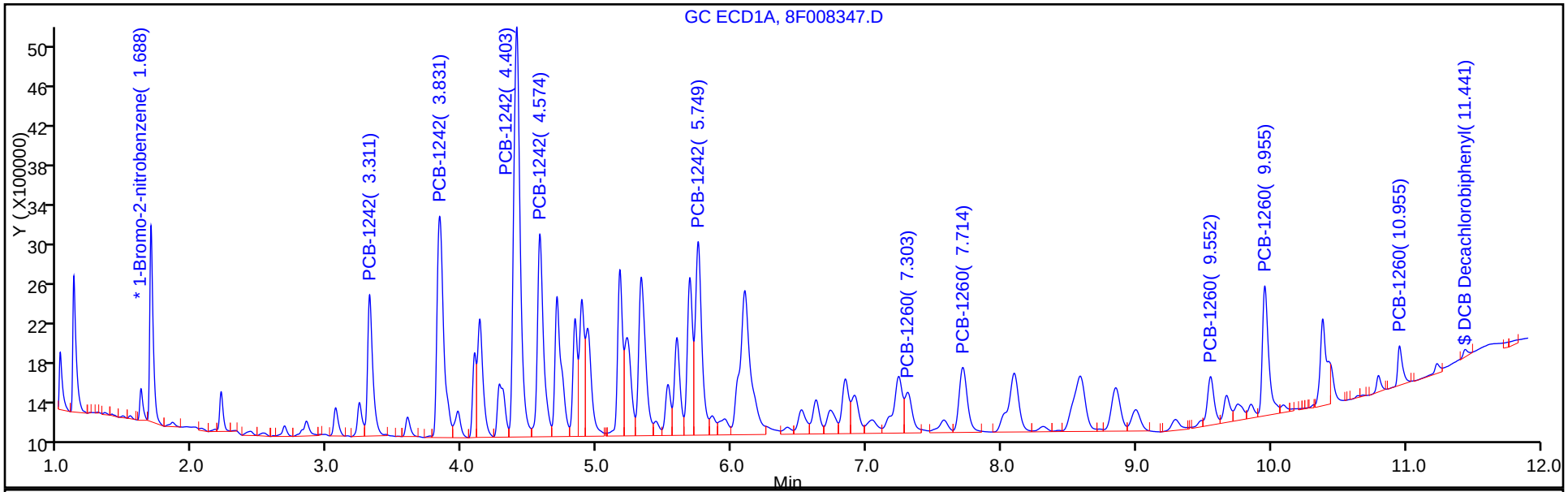
Reagents:

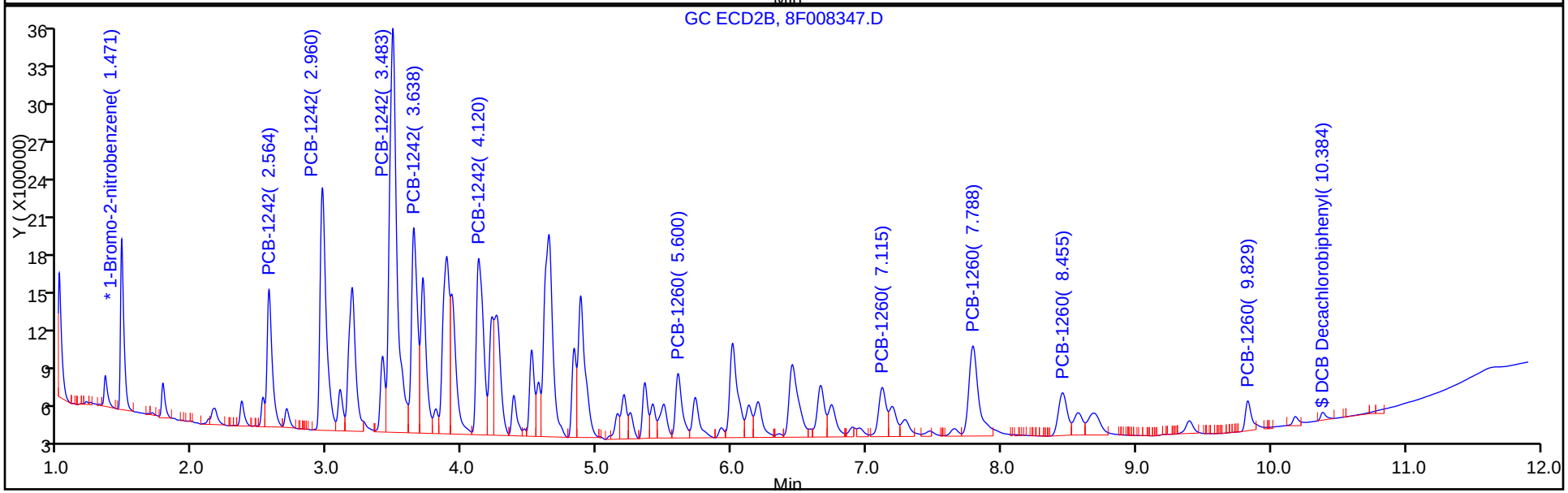
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D				
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13	Worklist Smp#:	52
Client ID:	PMP-5-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	52
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

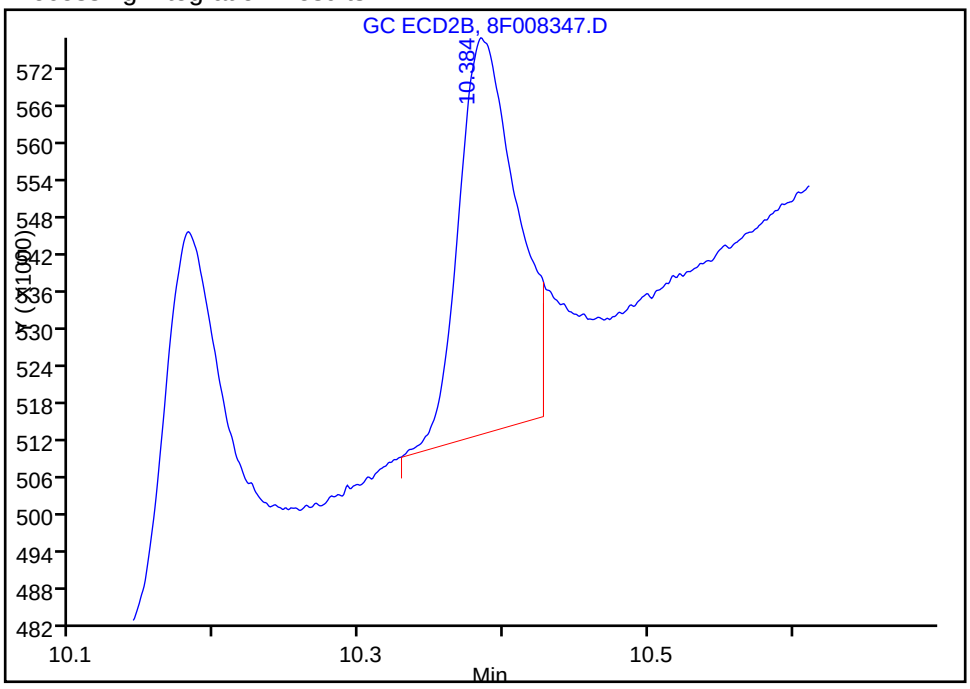
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D				
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

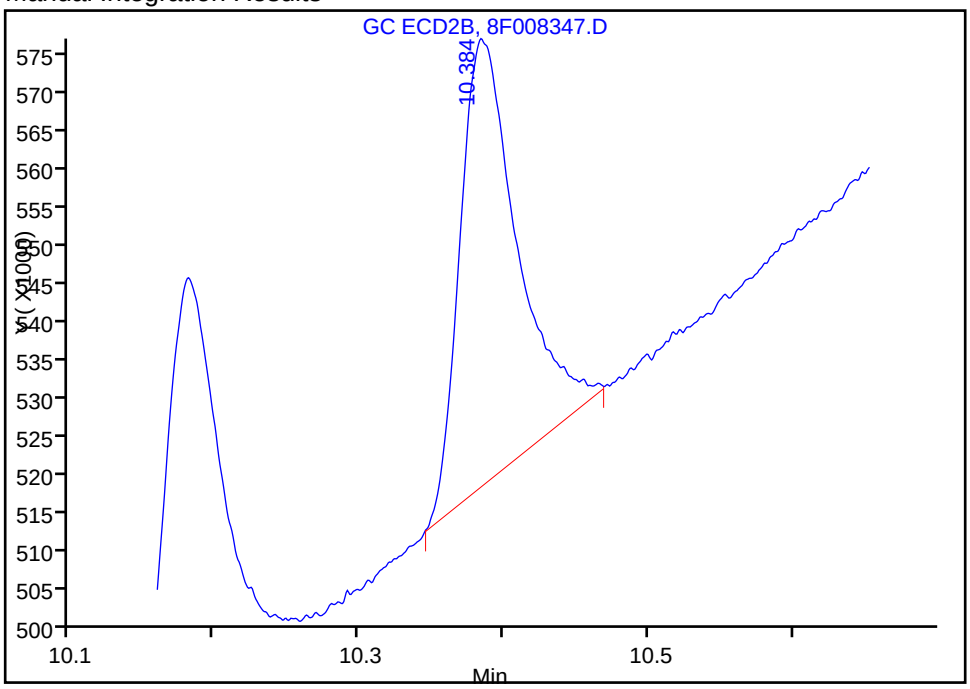
Processing Integration Results

RT: 10.38
Area: 176712
Amount: 1.484430
Amount Units: ug/l



Manual Integration Results

RT: 10.38
Area: 161687
Amount: 1.358216
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:57:24
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

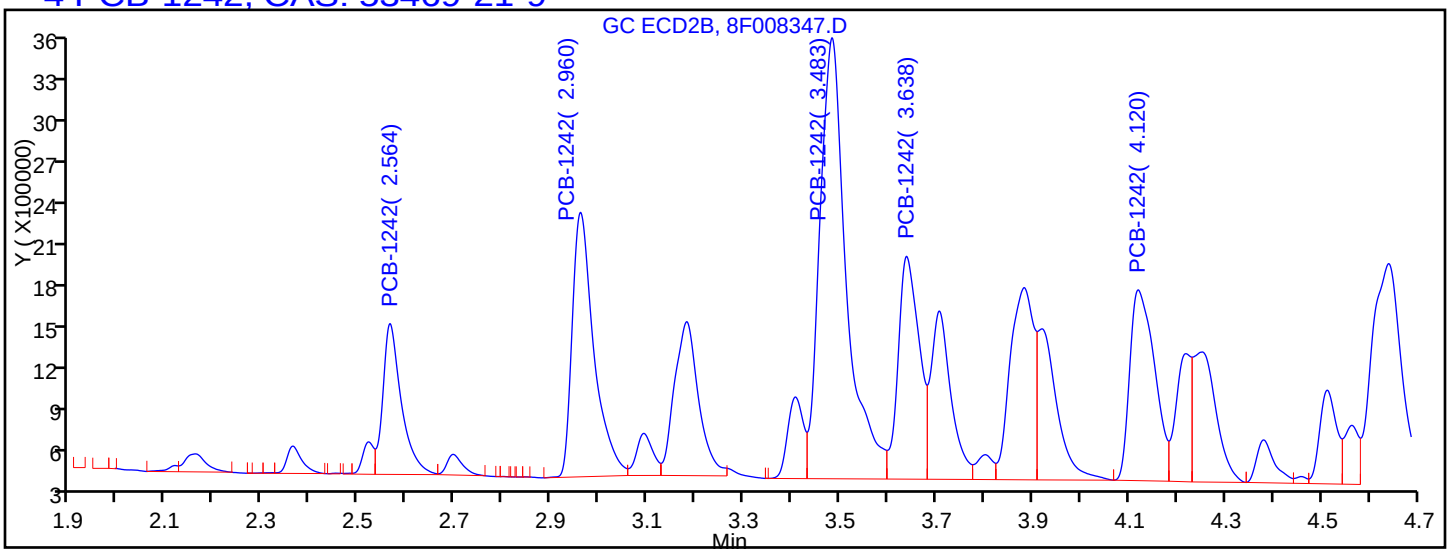
Report Date: 11-Nov-2015 13:13:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D

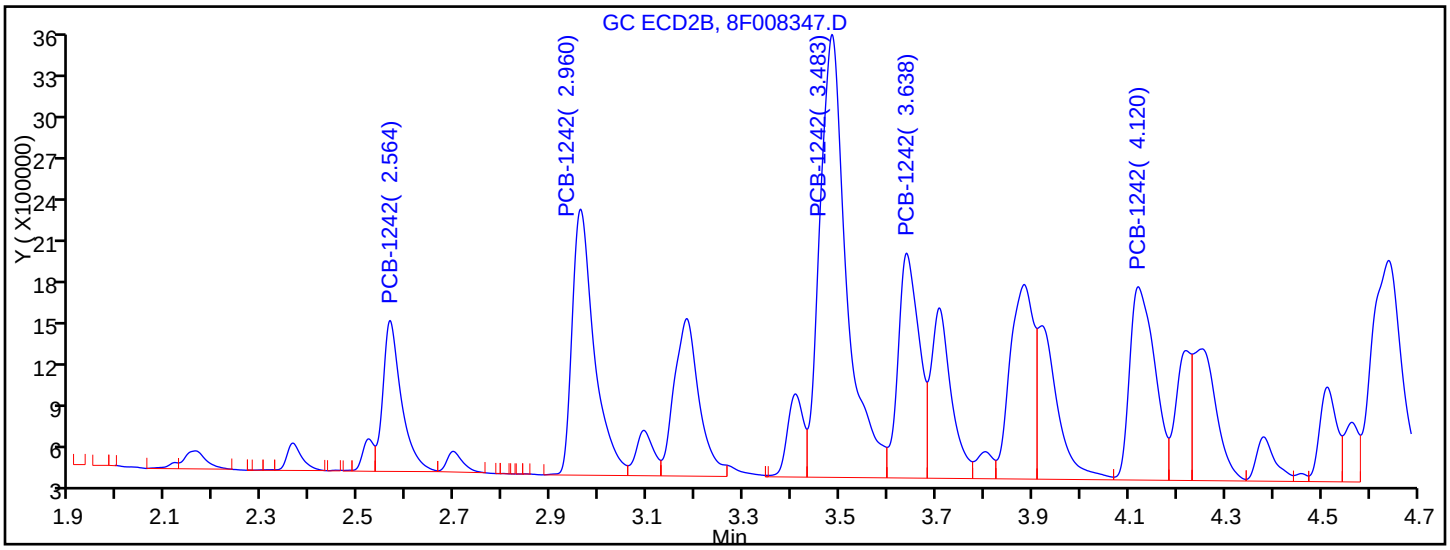
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.564	Response = 2795824	
RT = 2.960	Response = 5780393	
RT = 3.483	Response = 11880405	M
RT = 3.638	Response = 4725416	M
RT = 4.120	Response = 4776789	M



Manual Integration Results

RT = 2.564	Response = 2795824	
RT = 2.960	Response = 5780393	
RT = 3.483	Response = 11994566	M
RT = 3.638	Response = 4791278	M
RT = 4.120	Response = 4890867	M

Reviewer: patelji, 11-Nov-2015 12:57:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

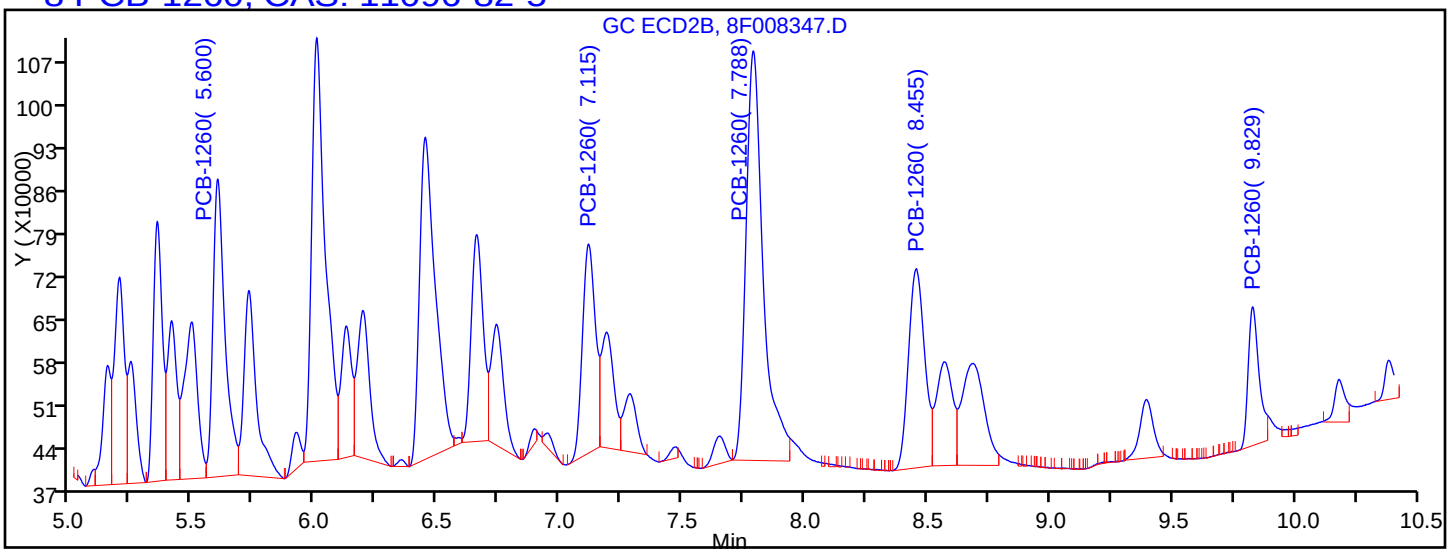
Report Date: 11-Nov-2015 13:13:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008347.D

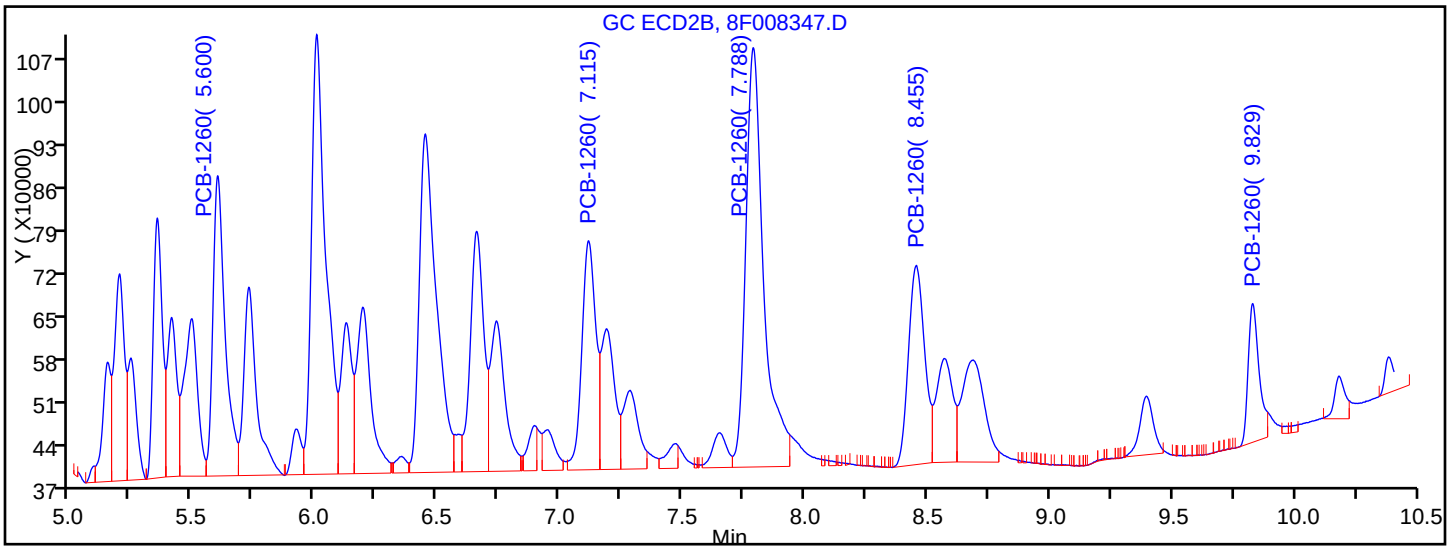
Injection Date:	11-Nov-2015 05:29:03	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-13-A	Lab Sample ID:	460-104096-13		
Client ID:	PMP-5-NW2-WT				
Operator ID:	615	ALS Bottle#:	52	Worklist Smp#:	52
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.600	Response = 1676768	M
RT = 7.115	Response = 1260243	M
RT = 7.788	Response = 3282311	M
RT = 8.455	Response = 1506061	
RT = 9.829	Response = 701537	



Manual Integration Results

RT = 5.600	Response = 1713965	M
RT = 7.115	Response = 1484708	M
RT = 7.788	Response = 3502594	M
RT = 8.455	Response = 1506061	
RT = 9.829	Response = 701537	

Reviewer: patelji, 11-Nov-2015 12:57:24

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S | Lab Sample ID: 460-104096-14

Matrix: Solid | Lab File ID: 8F008373.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:10

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0037(g) | Date Analyzed: 11/11/2015 14:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	3600		3500	480

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D
Lims ID: 460-104096-E-14-B Lab Sample ID: 460-104096-14
Client ID: PMP-5-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 14:31:24 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034110-016
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:58:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3323763	20.0	
2	1.470	1.468	0.002	2191205	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.308	3.311	-0.003	1818184	640.0	
1	3.829	3.831	-0.002	3830084	640.6	
1	4.401	4.403	-0.002	7017571	628.3	
1	4.573	4.575	-0.002	3191242	623.3	
1	5.748	5.750	-0.002	3412136	714.2	M
		Average of Peak Amounts =			649.3	
2	2.563	2.560	0.003	1236002	631.0	
2	2.959	2.957	0.002	2935089	771.4	
2	3.482	3.480	0.002	6113632	815.6	M
2	3.637	3.635	0.002	2440930	810.2	M
2	4.118	4.117	0.001	2532862	751.0	M
		Average of Peak Amounts =			755.8	
					RPD = 15.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.235	7.242	-0.007	1241732	108.3	
1	7.711	7.718	-0.007	1347251	100.4	
1	9.551	9.557	-0.006	817433	103.8	
1	9.958	9.965	-0.007	2102380	112.0	M
1	10.975	10.991	-0.016	416975	86.8	
		Average of Peak Amounts =			102.3	
2	5.599	5.597	0.002	779367	95.4	
2	7.113	7.112	0.001	683369	98.5	M
2	7.787	7.786	0.001	1547749	100.2	M
2	8.453	8.451	0.002	738061	88.2	M
2	9.833	9.834	-0.001	344618	104.1	
		Average of Peak Amounts =			97.3	
					RPD = 5.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.472	11.492	-0.020	126179	0.8389	M
2	10.396	10.402	-0.006	139263	1.21	M
					RPD = 36.57	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

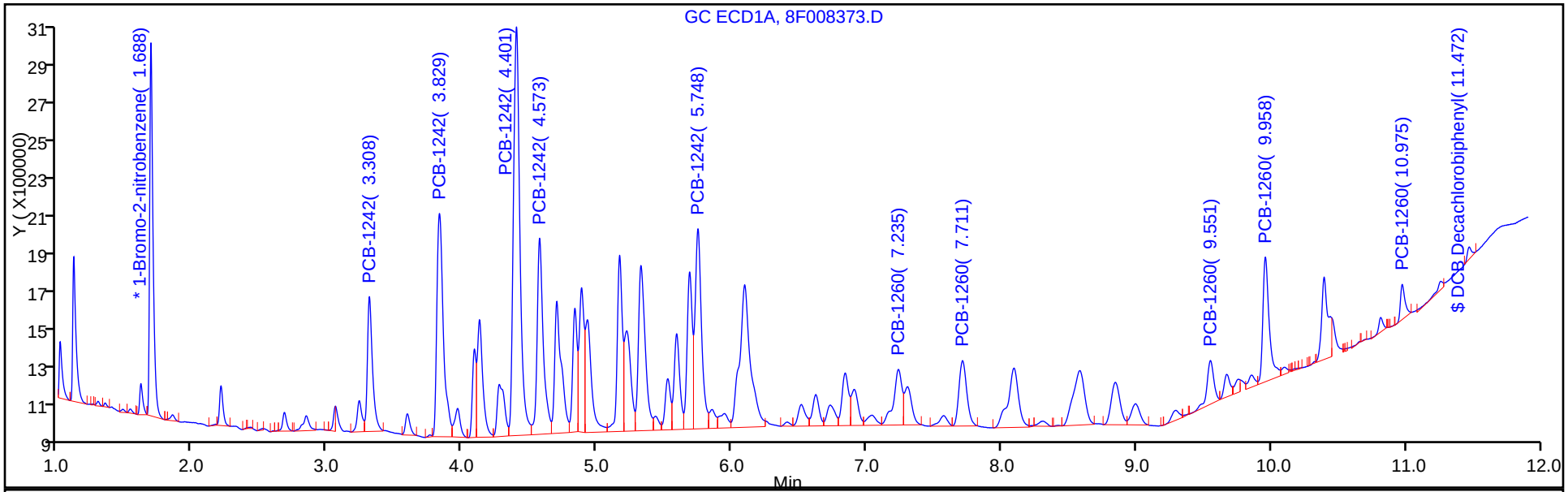
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

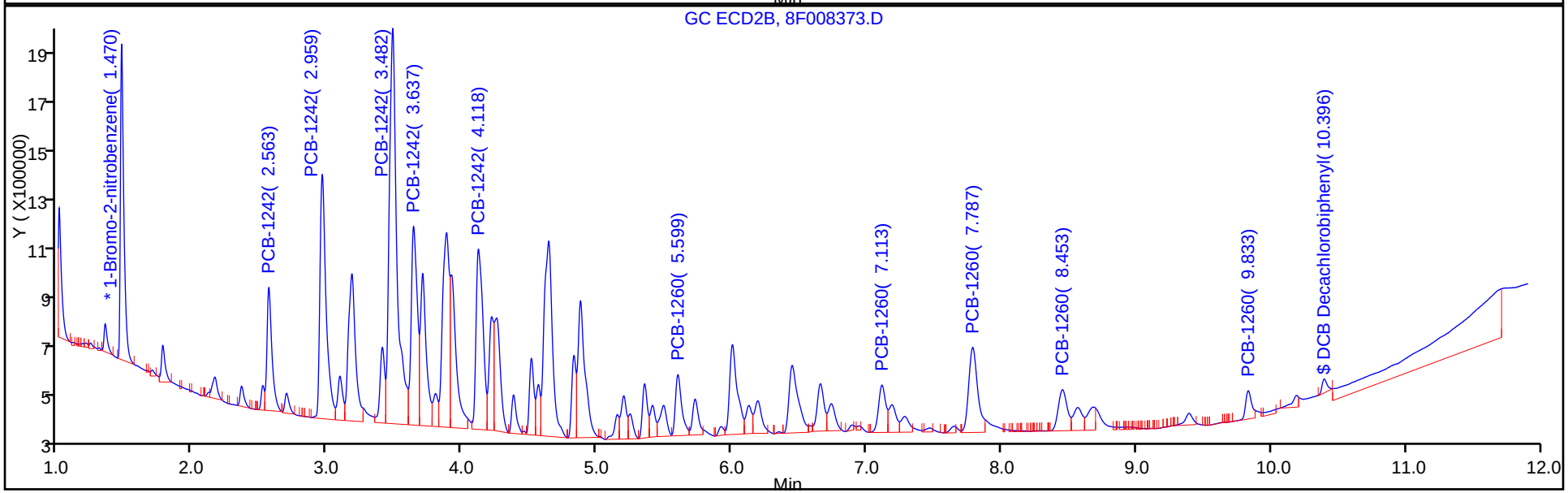
Report Date: 11-Nov-2015 15:33:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14	Worklist Smp#:	16
Client ID:	PMP-5-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	16
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

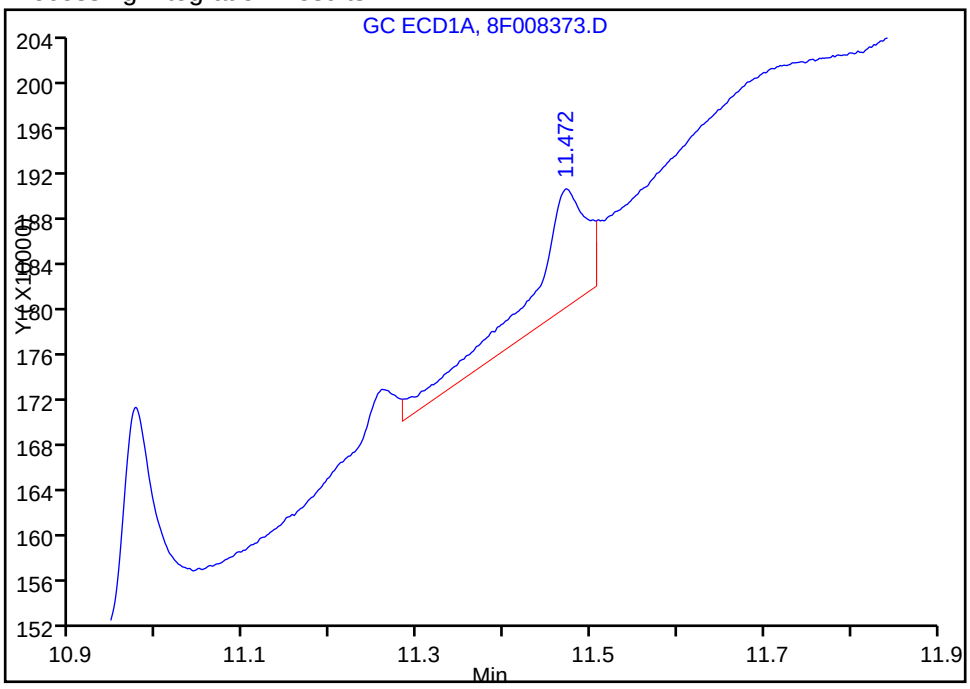
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D				
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

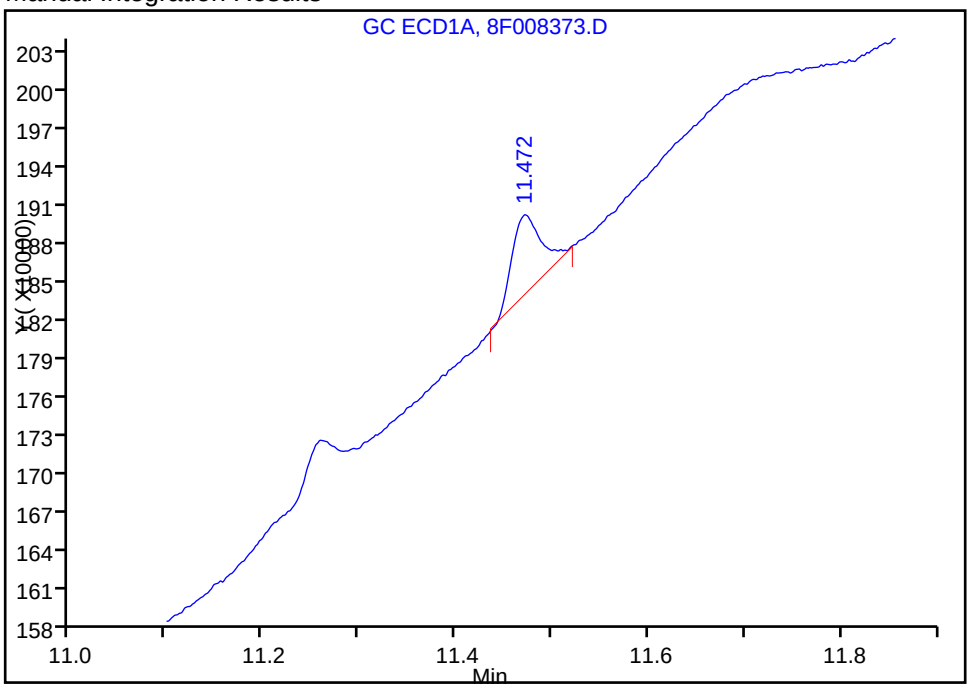
Processing Integration Results

RT: 11.47
Area: 480316
Amount: 3.193230
Amount Units: ug/l



Manual Integration Results

RT: 11.47
Area: 126179
Amount: 0.838861
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 15:01:04
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

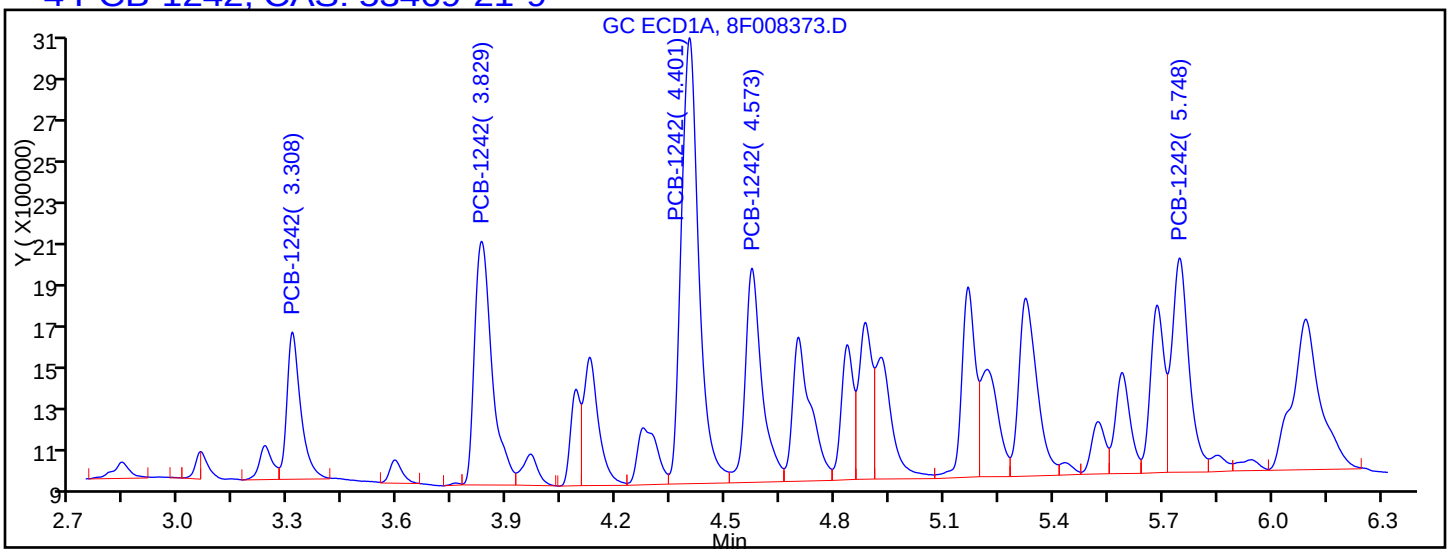
Report Date: 11-Nov-2015 15:33:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

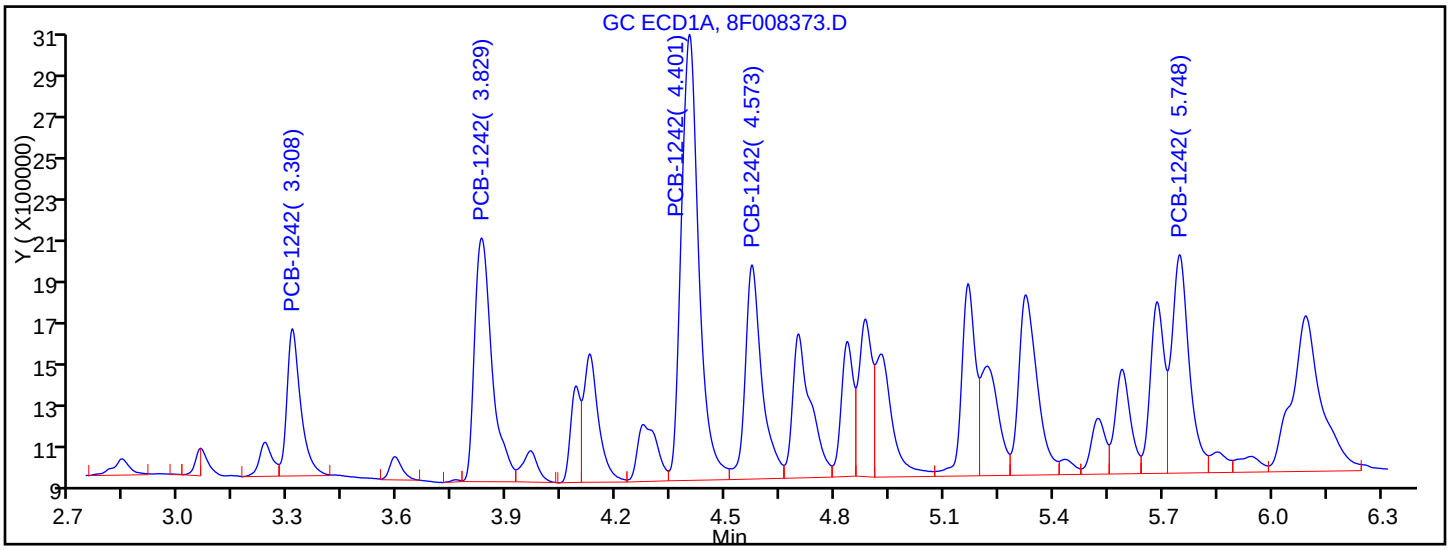
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.308	Response = 1818184	
RT = 3.829	Response = 3830084	
RT = 4.401	Response = 7017571	
RT = 4.573	Response = 3191242	
RT = 5.748	Response = 3282279	M



Manual Integration Results

RT = 3.308	Response = 1818184	
RT = 3.829	Response = 3830084	
RT = 4.401	Response = 7017571	
RT = 4.573	Response = 3191242	
RT = 5.748	Response = 3412136	M

Reviewer: patelji, 11-Nov-2015 15:01:04

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

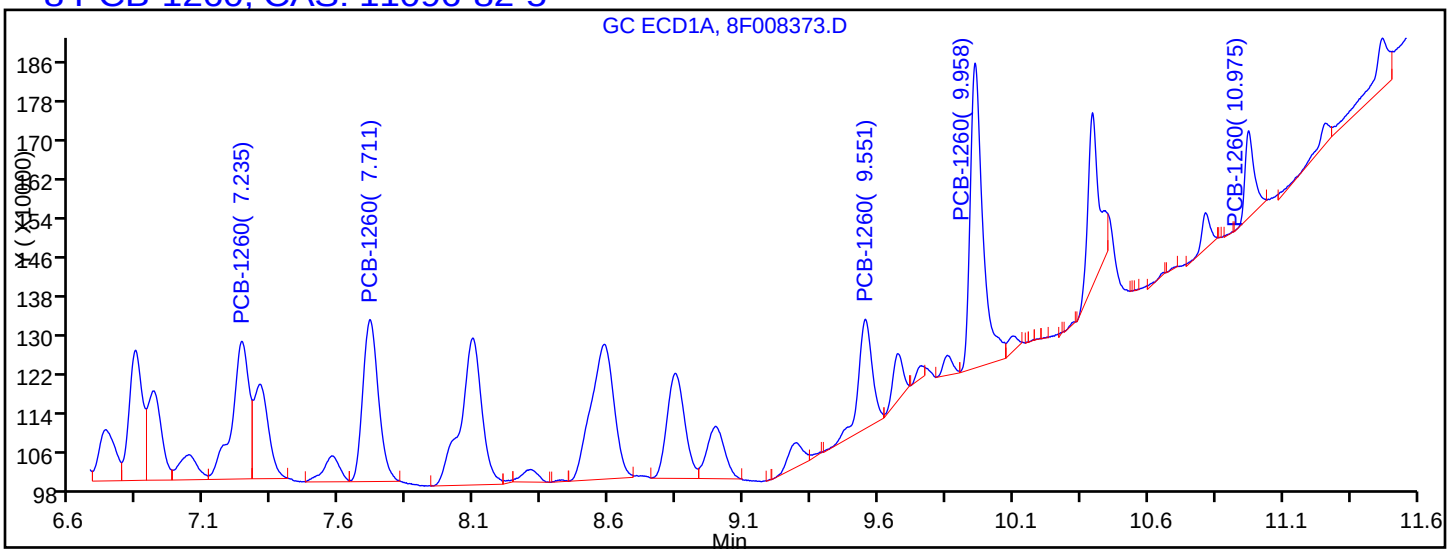
Report Date: 11-Nov-2015 15:33:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

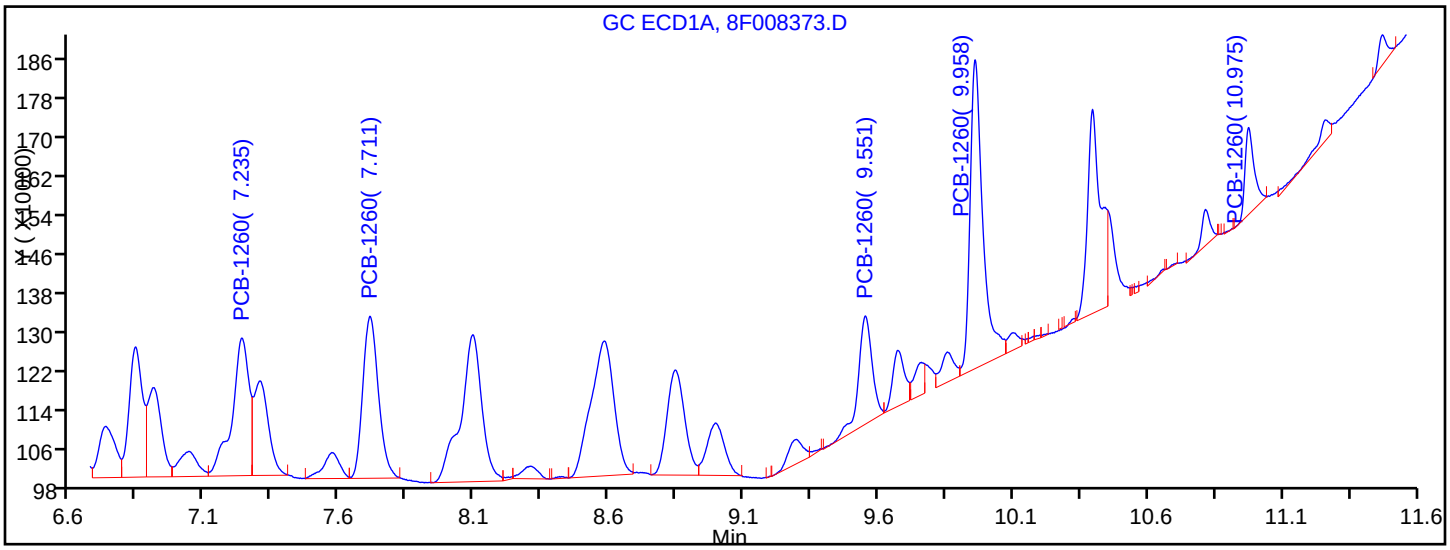
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.235	Response = 1241732	
RT = 7.711	Response = 1347251	
RT = 9.551	Response = 817433	
RT = 9.958	Response = 2047814	M
RT = 10.975	Response = 416975	



Manual Integration Results

RT = 7.235	Response = 1241732	
RT = 7.711	Response = 1347251	
RT = 9.551	Response = 817433	
RT = 9.958	Response = 2102380	M
RT = 10.975	Response = 416975	

Reviewer: patelji, 11-Nov-2015 15:01:04

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S | Lab Sample ID: 460-104096-14

Matrix: Solid | Lab File ID: 8F008373.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:10

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0037(g) | Date Analyzed: 11/11/2015 14:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	470	U	3500	470
11104-28-2	Aroclor 1221	470	U	3500	470
11141-16-5	Aroclor 1232	470	U	3500	470
53469-21-9	Aroclor 1242	26000		3500	470
12672-29-6	Aroclor 1248	470	U	3500	470
11097-69-1	Aroclor 1254	480	U	3500	480
37324-23-5	Aroclor 1262	480	U	3500	480
11100-14-4	Aroclor 1268	480	U	3500	480

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D
Lims ID: 460-104096-E-14-B Lab Sample ID: 460-104096-14
Client ID: PMP-5-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 14:31:24 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034110-016
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 14:58:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.688	0.000	3323763	20.0	
2	1.470	1.468	0.002	2191205	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.308	3.311	-0.003	1818184	640.0	
1	3.829	3.831	-0.002	3830084	640.6	
1	4.401	4.403	-0.002	7017571	628.3	
1	4.573	4.575	-0.002	3191242	623.3	
1	5.748	5.750	-0.002	3412136	714.2	M
		Average of Peak Amounts =			649.3	
2	2.563	2.560	0.003	1236002	631.0	
2	2.959	2.957	0.002	2935089	771.4	
2	3.482	3.480	0.002	6113632	815.6	M
2	3.637	3.635	0.002	2440930	810.2	M
2	4.118	4.117	0.001	2532862	751.0	M
		Average of Peak Amounts =			755.8	
					RPD = 15.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.235	7.242	-0.007	1241732	108.3	
1	7.711	7.718	-0.007	1347251	100.4	
1	9.551	9.557	-0.006	817433	103.8	
1	9.958	9.965	-0.007	2102380	112.0	M
1	10.975	10.991	-0.016	416975	86.8	
		Average of Peak Amounts =			102.3	
2	5.599	5.597	0.002	779367	95.4	
2	7.113	7.112	0.001	683369	98.5	M
2	7.787	7.786	0.001	1547749	100.2	M
2	8.453	8.451	0.002	738061	88.2	M
2	9.833	9.834	-0.001	344618	104.1	
		Average of Peak Amounts =			97.3	
					RPD = 5.00	
$ 11 DCB Decachlorobiphenyl						M
1	11.472	11.492	-0.020	126179	0.8389	M
2	10.396	10.402	-0.006	139263	1.21	M
					RPD = 36.57	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

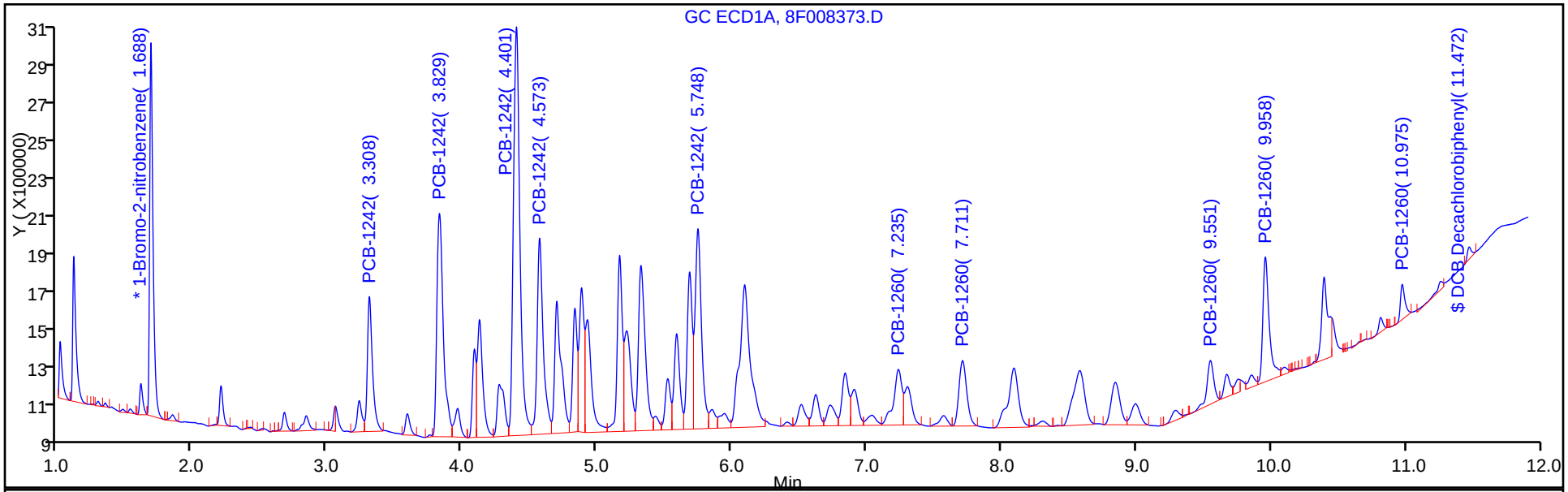
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

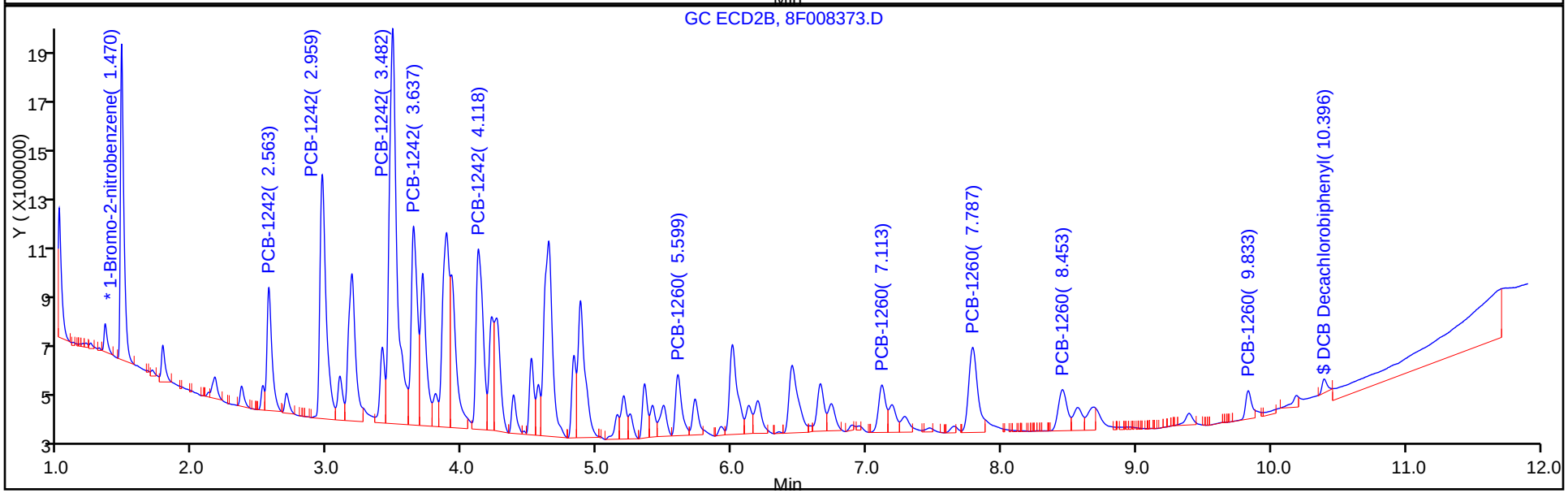
Report Date: 11-Nov-2015 15:33:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14	Worklist Smp#:	16
Client ID:	PMP-5-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	16
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

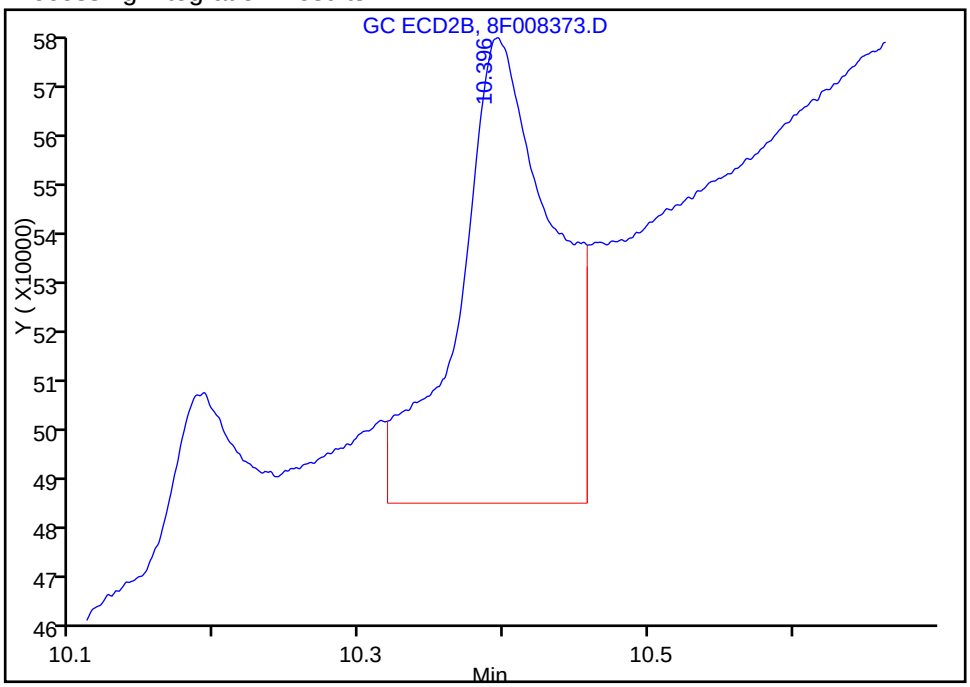
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D				
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

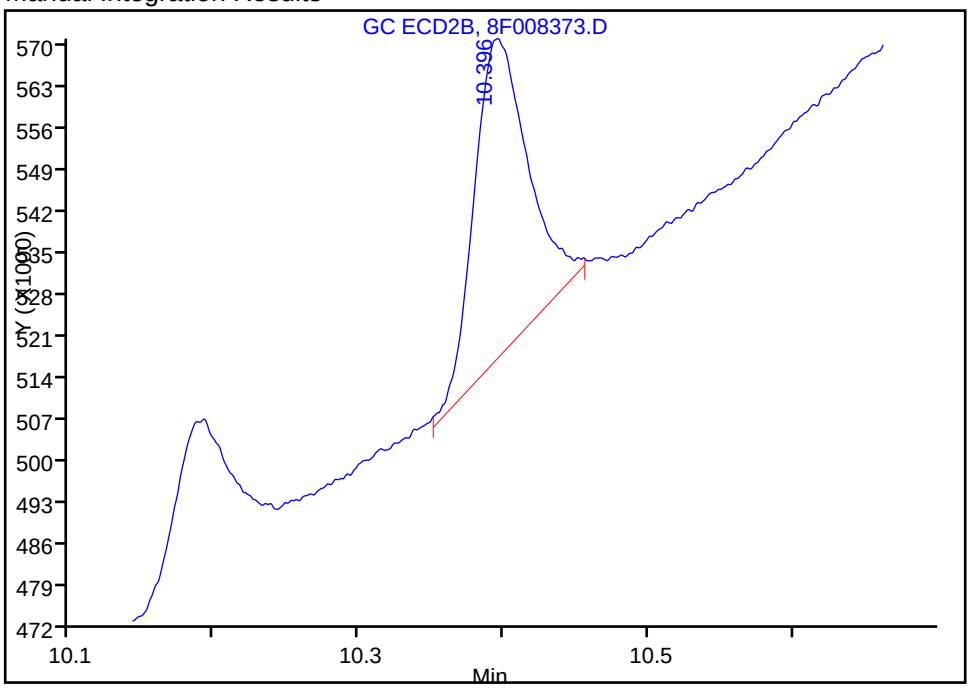
Processing Integration Results

RT: 10.40
Area: 379208
Amount: 3.306285
Amount Units: ug/l



Manual Integration Results

RT: 10.40
Area: 139263
Amount: 1.214223
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 15:01:04
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

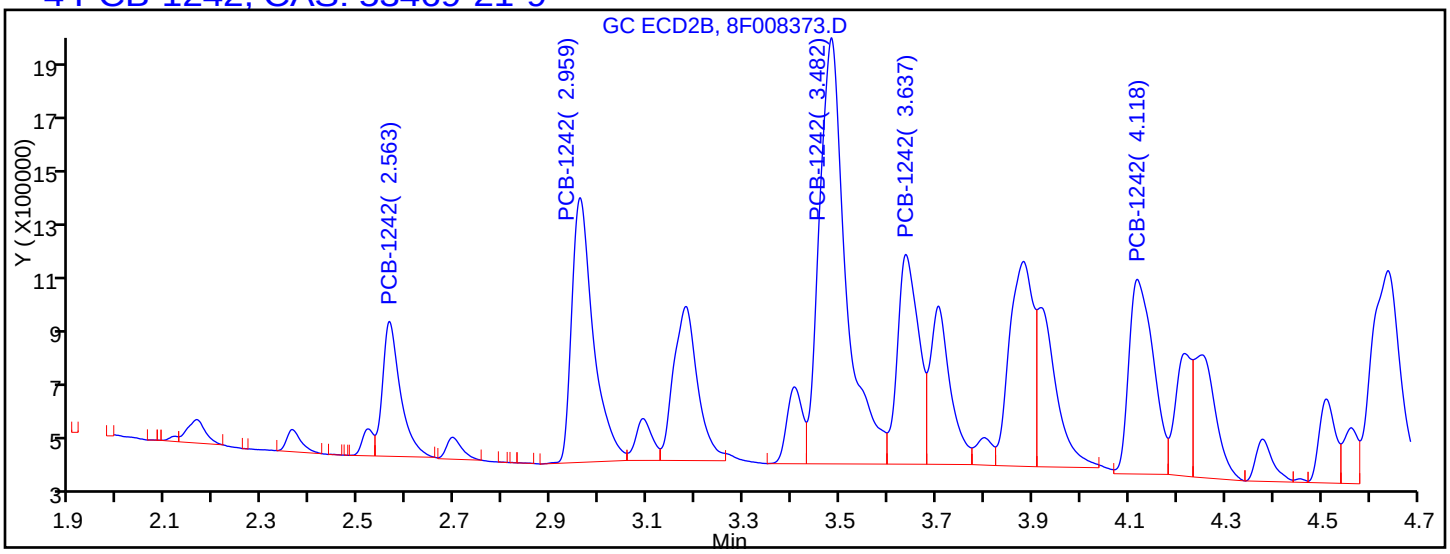
Report Date: 11-Nov-2015 15:33:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

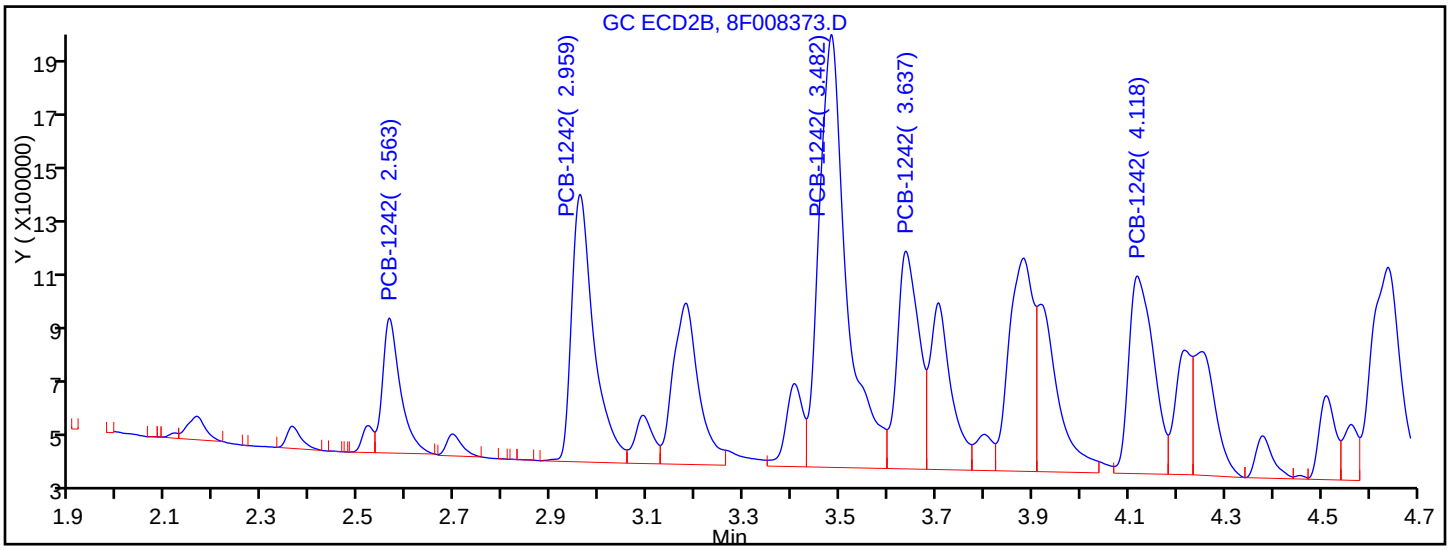
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.563	Response = 1236002	
RT = 2.959	Response = 2935089	
RT = 3.482	Response = 5862618	M
RT = 3.637	Response = 2299714	M
RT = 4.118	Response = 2461727	M



Manual Integration Results

RT = 2.563	Response = 1236002	
RT = 2.959	Response = 2935089	
RT = 3.482	Response = 6113632	M
RT = 3.637	Response = 2440930	M
RT = 4.118	Response = 2532862	M

Reviewer: patelji, 11-Nov-2015 15:01:04

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

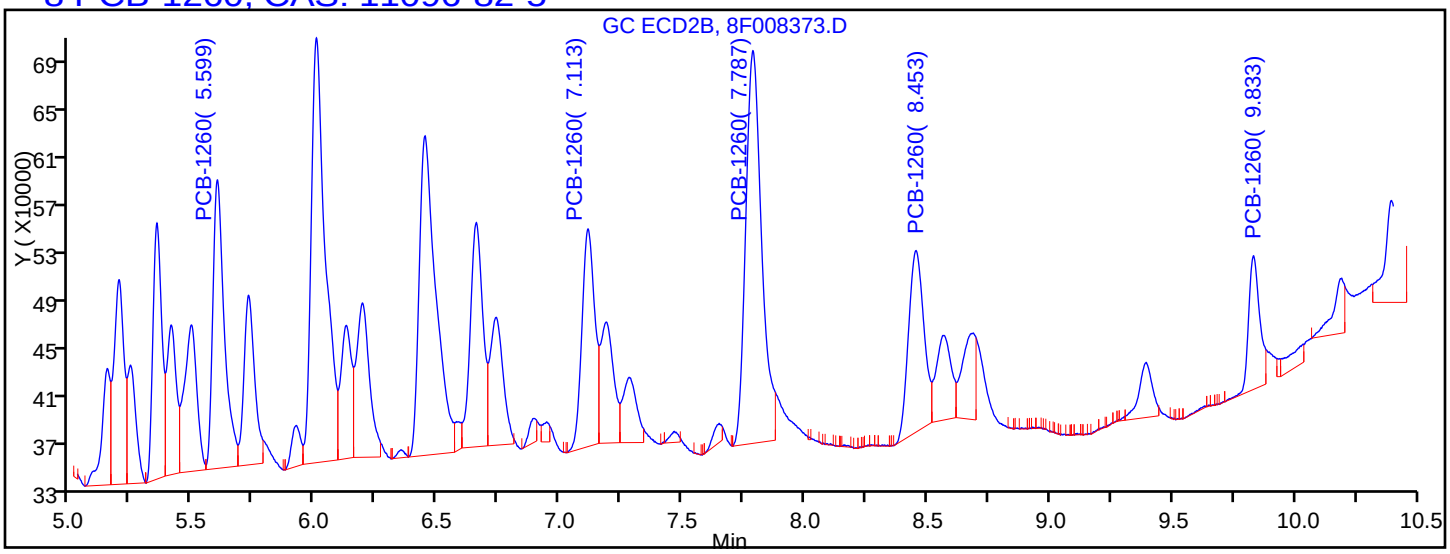
Report Date: 11-Nov-2015 15:33:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008373.D

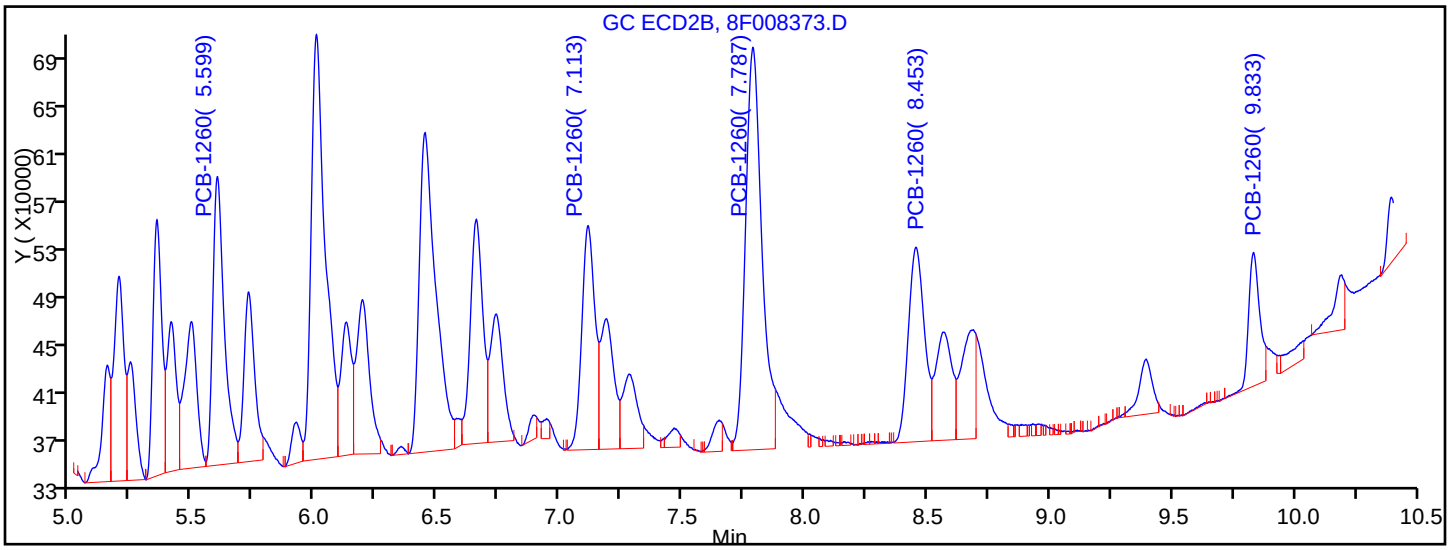
Injection Date:	11-Nov-2015 14:31:24	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-14-B	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.599	Response = 779367	
RT = 7.113	Response = 651214	M
RT = 7.787	Response = 1463366	M
RT = 8.453	Response = 654169	M
RT = 9.833	Response = 344618	



Manual Integration Results

RT = 5.599	Response = 779367	
RT = 7.113	Response = 683369	M
RT = 7.787	Response = 1547749	M
RT = 8.453	Response = 738061	M
RT = 9.833	Response = 344618	

Reviewer: patelji, 11-Nov-2015 15:01:04

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 | Lab Sample ID: 460-104096-15

Matrix: Solid | Lab File ID: 8F008349.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:12

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0441(g) | Date Analyzed: 11/11/2015 06:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D
Lims ID: 460-104096-E-15-B Lab Sample ID: 460-104096-15
Client ID: PMP-5-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 06:00:27 ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-054
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:56:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3181889	20.0	
2	1.470	1.472	-0.002	2155625	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.312	-0.002	4261558	1566.9	
1	3.829	3.832	-0.003	8678528	1516.1	
1	4.402	4.404	-0.002	15306610	1431.6	M
1	4.574	4.575	-0.001	6850394	1397.6	M
1	5.749	5.752	-0.003	6647212	1453.4	M
		Average of Peak Amounts =			1473.1	
2	2.564	2.562	0.002	3012576	1563.3	
2	2.960	2.958	0.002	6450664	1723.3	
2	3.483	3.481	0.002	12850659	1742.6	M
2	3.638	3.636	0.002	5006236	1689.2	M
2	4.119	4.119	0.000	5220113	1573.4	M
		Average of Peak Amounts =			1658.3	
					RPD = 11.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.304	7.241	0.063	1528651	139.3	M
1	7.712	7.717	-0.005	2585968	201.3	M
1	9.552	9.557	-0.005	1622978	215.3	M
1	9.958	9.969	-0.011	3989408	222.0	M
1	10.969	11.001	-0.032	911396	198.1	
		Average of Peak Amounts =			195.2	
2	5.599	5.599	0.000	1629303	202.7	M
2	7.114	7.113	0.001	1377192	201.8	M
2	7.789	7.786	0.003	3442742	226.5	M
2	8.454	8.451	0.003	1458383	177.1	M
2	9.831	9.836	-0.005	712801	218.8	M
		Average of Peak Amounts =			205.4	
					RPD = 5.09	
$ 11 DCB Decachlorobiphenyl						M
1	11.461	11.444	0.017	775759	5.39	M
2	10.392	10.385	0.007	803685	7.12	M
					RPD = 27.75	

QC Flag Legend

Review Flags

M - Manually Integrated

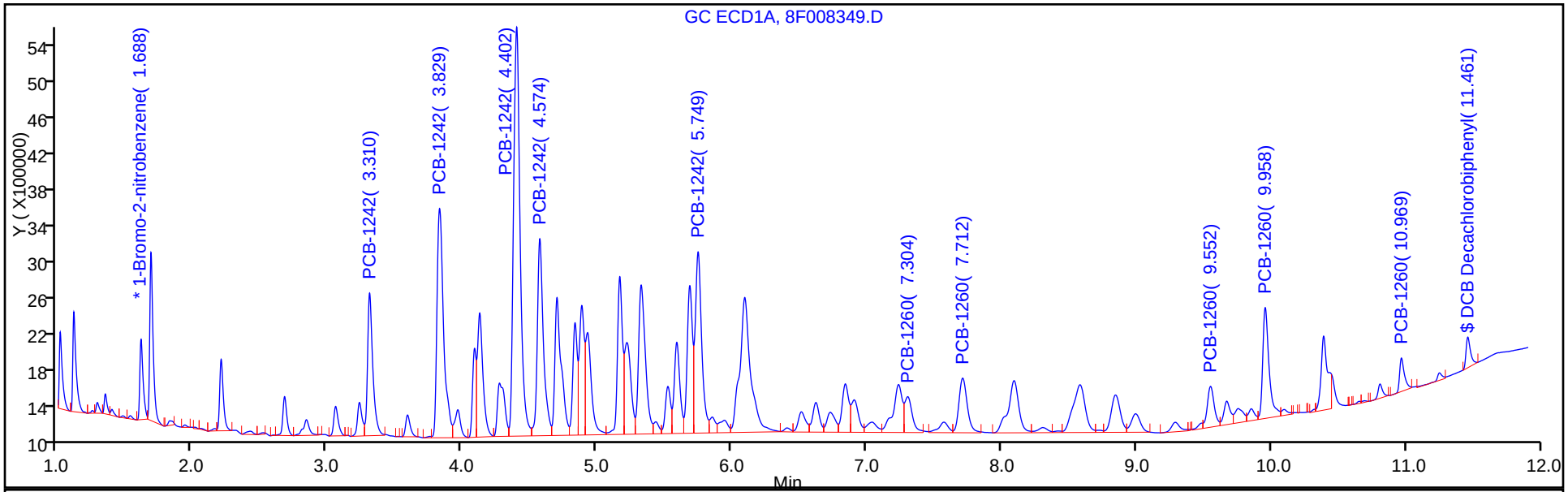
Reagents:

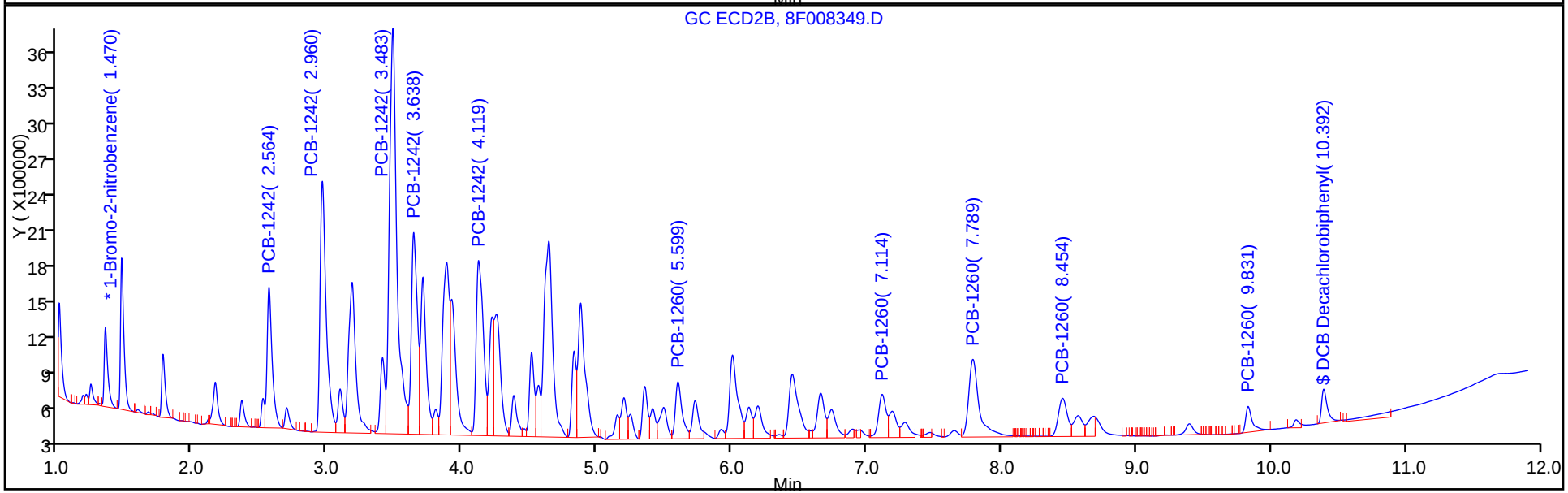
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D				
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15	Worklist Smp#:	54
Client ID:	PMP-5-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	54
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

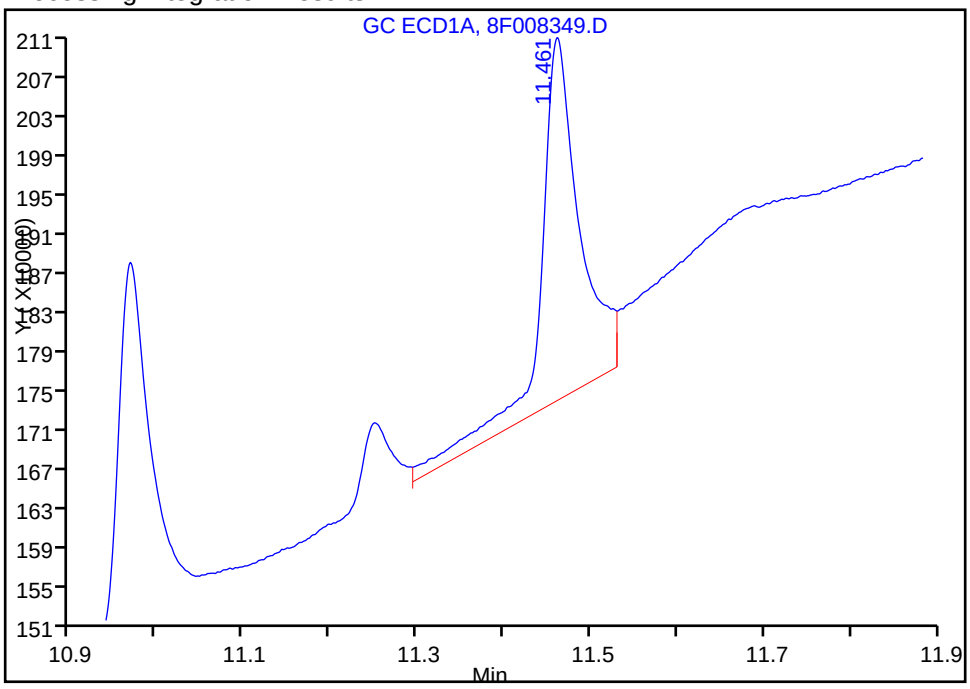
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D				
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

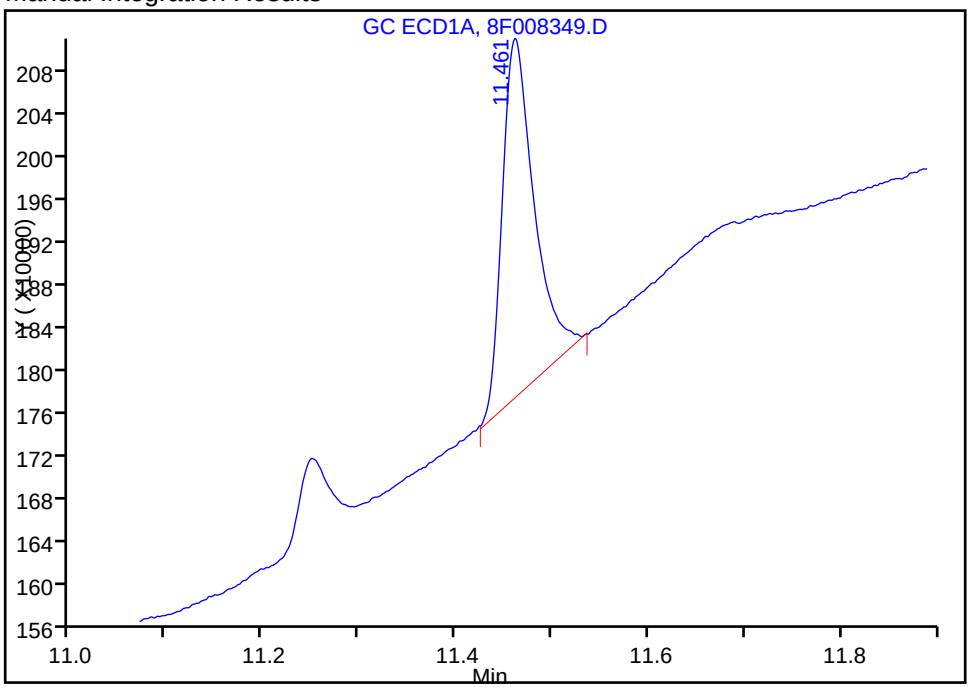
Processing Integration Results

RT: 11.46
Area: 1154216
Amount: 8.015585
Amount Units: ug/l



Manual Integration Results

RT: 11.46
Area: 775759
Amount: 5.387347
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:56:26
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

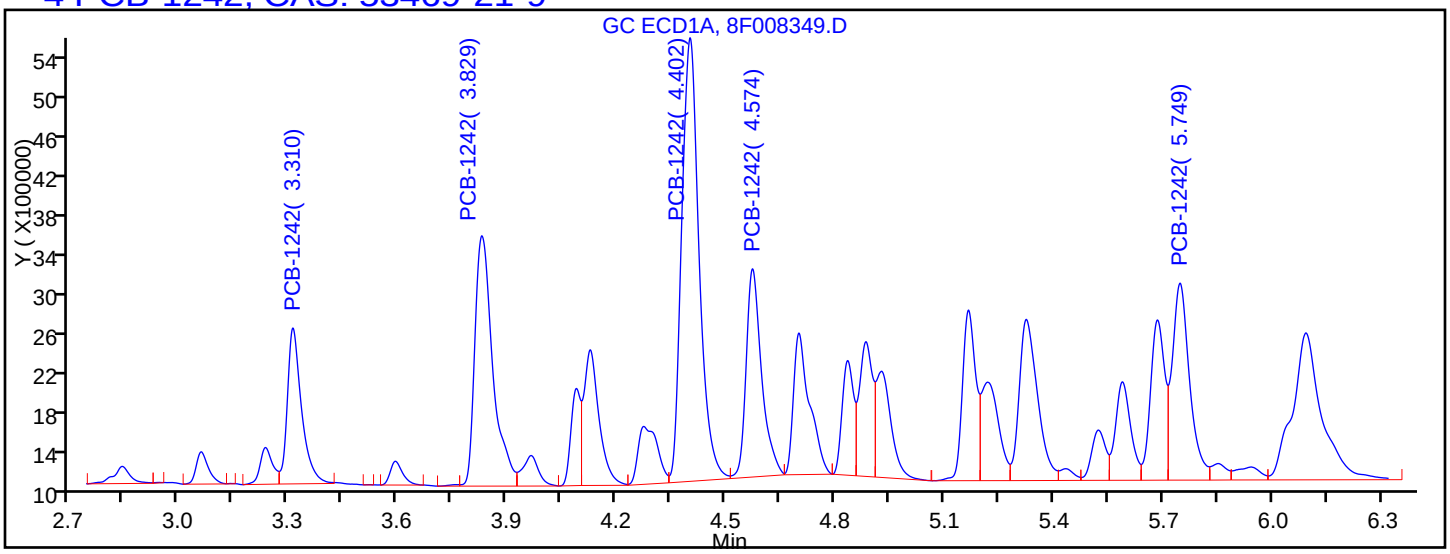
Report Date: 11-Nov-2015 13:13:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D

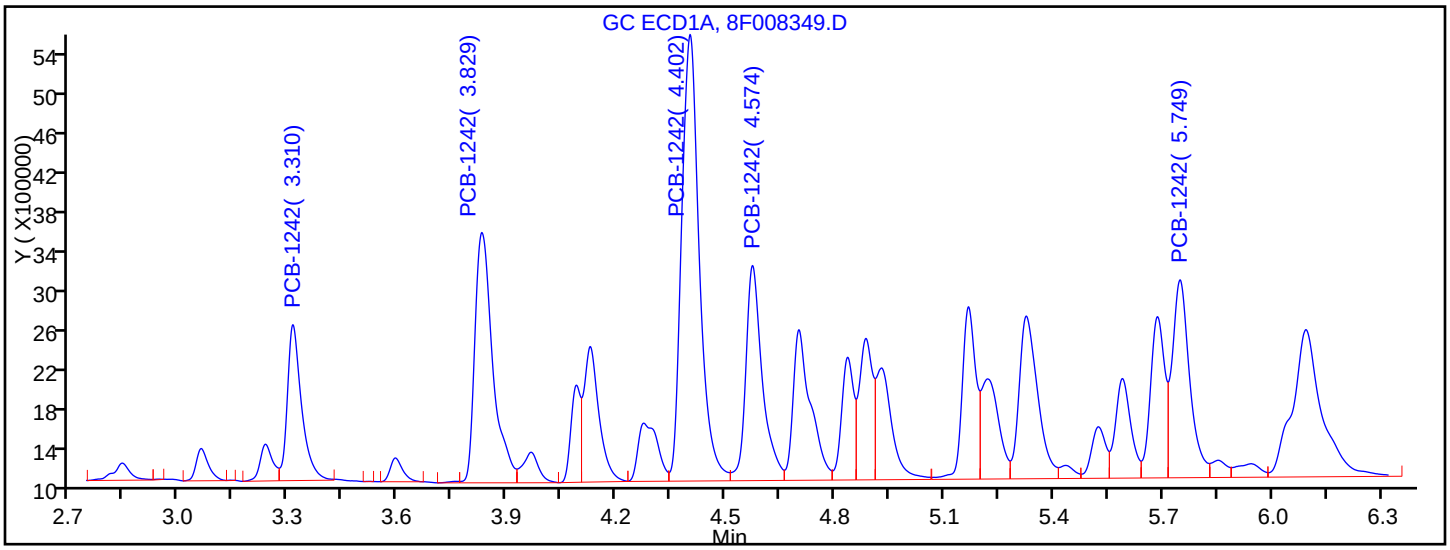
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.310	Response = 4261558	
RT = 3.829	Response = 8678528	
RT = 4.402	Response = 14941388	M
RT = 4.574	Response = 6206346	M
RT = 5.749	Response = 6588289	M



Manual Integration Results

RT = 3.310	Response = 4261558	
RT = 3.829	Response = 8678528	
RT = 4.402	Response = 15306610	M
RT = 4.574	Response = 6850394	M
RT = 5.749	Response = 6647212	M

Reviewer: patelji, 11-Nov-2015 12:56:26

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

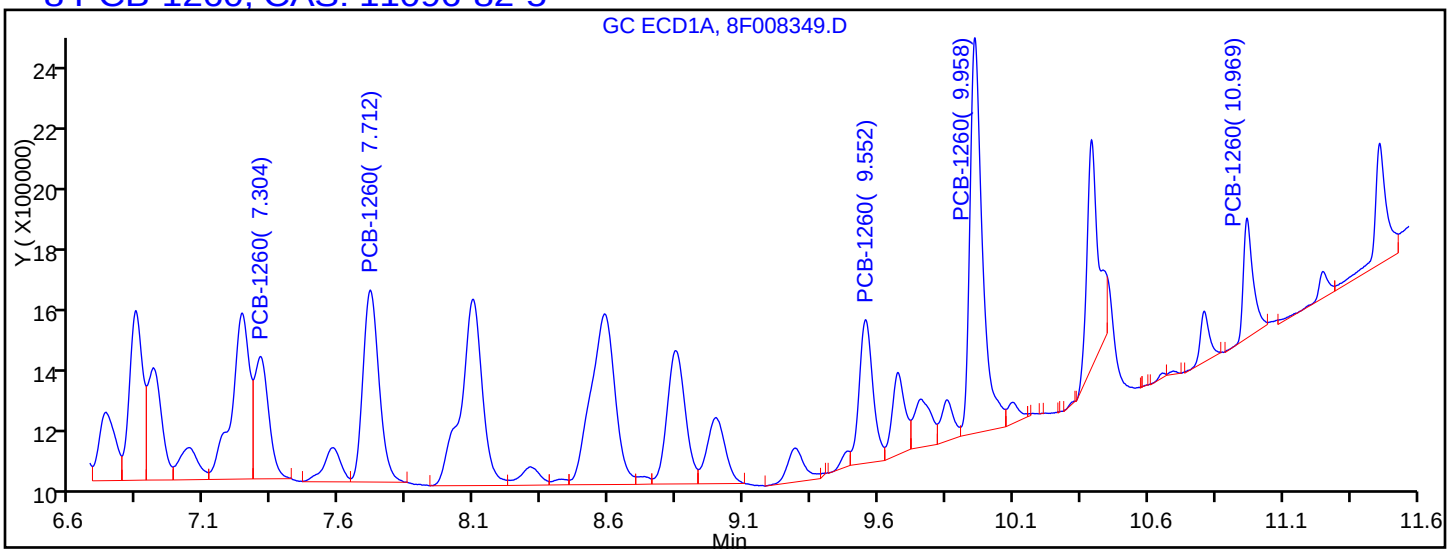
Report Date: 11-Nov-2015 13:13:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D

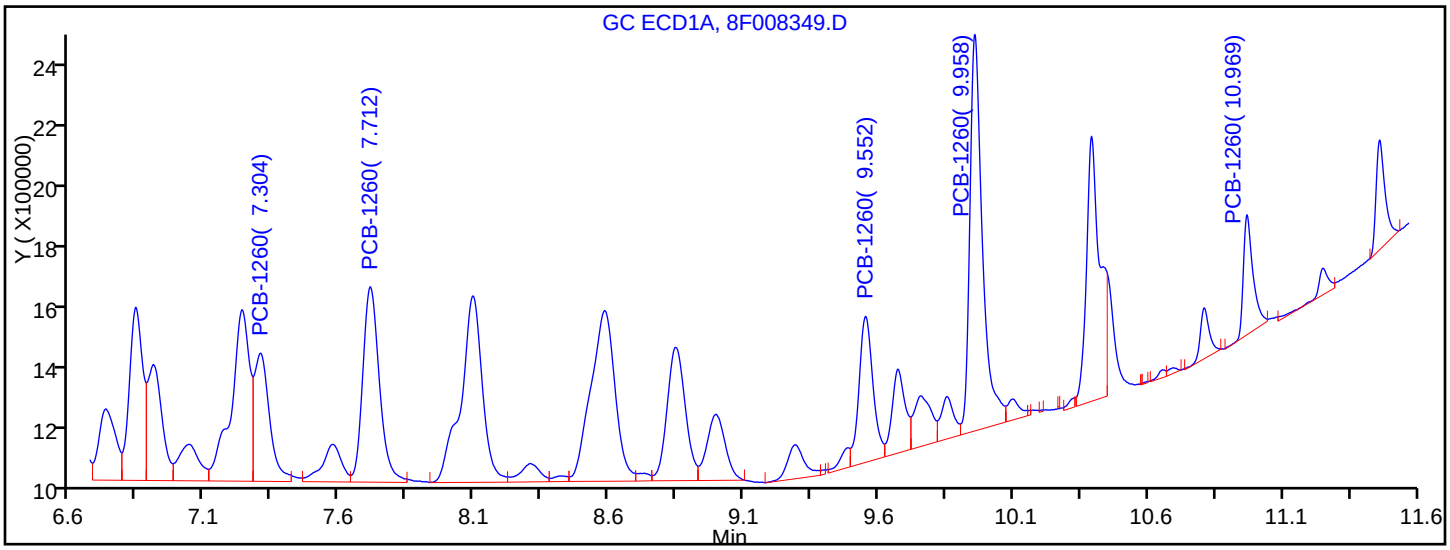
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.304	Response = 1374062	M
RT = 7.712	Response = 2453290	M
RT = 9.552	Response = 1571600	M
RT = 9.958	Response = 3979945	M
RT = 10.969	Response = 911396	



Manual Integration Results

RT = 7.304	Response = 1528651	M
RT = 7.712	Response = 2585968	M
RT = 9.552	Response = 1622978	M
RT = 9.958	Response = 3989408	M
RT = 10.969	Response = 911396	

Reviewer: patelji, 11-Nov-2015 12:56:26

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 | Lab Sample ID: 460-104096-15

Matrix: Solid | Lab File ID: 8F008349.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:12

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0441(g) | Date Analyzed: 11/11/2015 06:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	100	U	770	100
11104-28-2	Aroclor 1221	100	U	770	100
11141-16-5	Aroclor 1232	100	U	770	100
53469-21-9	Aroclor 1242	13000		770	100
12672-29-6	Aroclor 1248	100	U	770	100
11097-69-1	Aroclor 1254	110	U	770	110
11096-82-5	Aroclor 1260	1600		770	110
37324-23-5	Aroclor 1262	110	U	770	110
11100-14-4	Aroclor 1268	110	U	770	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D
Lims ID: 460-104096-E-15-B Lab Sample ID: 460-104096-15
Client ID: PMP-5-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 06:00:27 ALS Bottle#: 54 Worklist Smp#: 54
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-054
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:56:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3181889	20.0	
2	1.470	1.472	-0.002	2155625	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.310	3.312	-0.002	4261558	1566.9	
1	3.829	3.832	-0.003	8678528	1516.1	
1	4.402	4.404	-0.002	15306610	1431.6	M
1	4.574	4.575	-0.001	6850394	1397.6	M
1	5.749	5.752	-0.003	6647212	1453.4	M
		Average of Peak Amounts =			1473.1	
2	2.564	2.562	0.002	3012576	1563.3	
2	2.960	2.958	0.002	6450664	1723.3	
2	3.483	3.481	0.002	12850659	1742.6	M
2	3.638	3.636	0.002	5006236	1689.2	M
2	4.119	4.119	0.000	5220113	1573.4	M
		Average of Peak Amounts =			1658.3	
					RPD = 11.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.304	7.241	0.063	1528651	139.3	M
1	7.712	7.717	-0.005	2585968	201.3	M
1	9.552	9.557	-0.005	1622978	215.3	M
1	9.958	9.969	-0.011	3989408	222.0	M
1	10.969	11.001	-0.032	911396	198.1	
		Average of Peak Amounts =			195.2	
2	5.599	5.599	0.000	1629303	202.7	M
2	7.114	7.113	0.001	1377192	201.8	M
2	7.789	7.786	0.003	3442742	226.5	M
2	8.454	8.451	0.003	1458383	177.1	M
2	9.831	9.836	-0.005	712801	218.8	M
		Average of Peak Amounts =			205.4	
					RPD = 5.09	
$ 11 DCB Decachlorobiphenyl						M
1	11.461	11.444	0.017	775759	5.39	M
2	10.392	10.385	0.007	803685	7.12	M
					RPD = 27.75	

QC Flag Legend

Review Flags

M - Manually Integrated

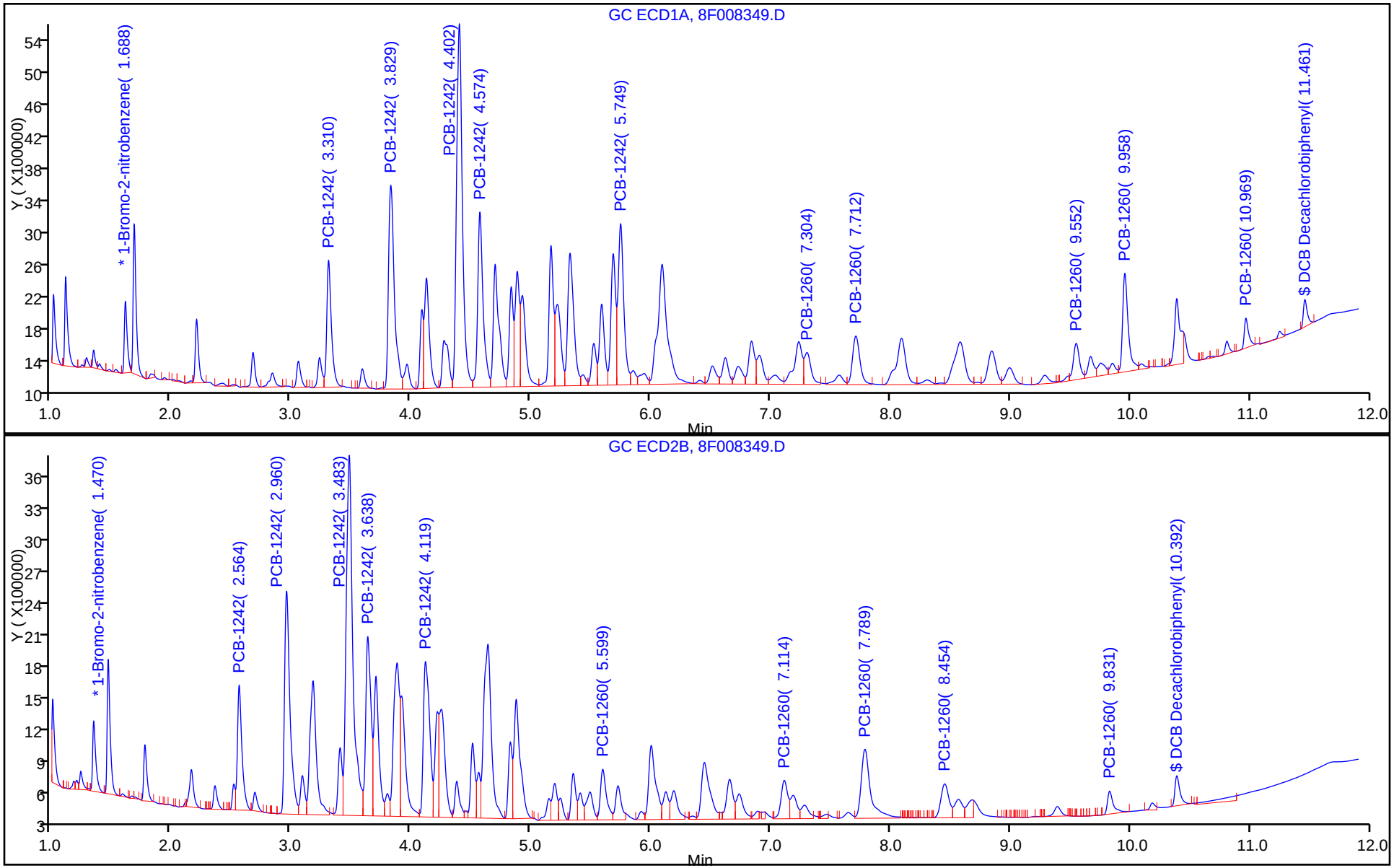
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D				
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15	Worklist Smp#:	54
Client ID:	PMP-5-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	54
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

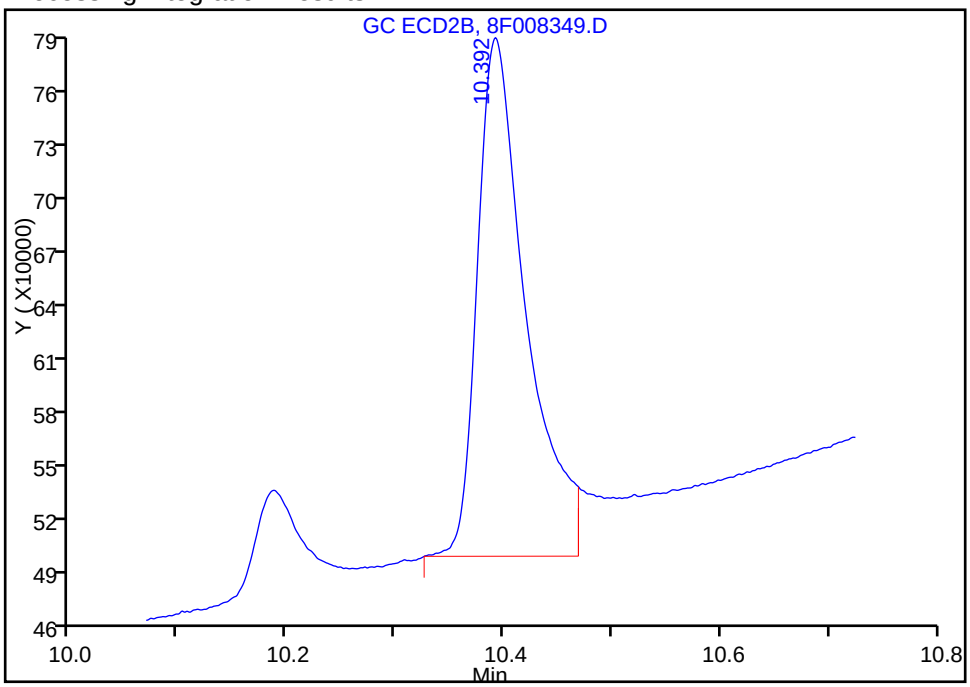
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D				
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

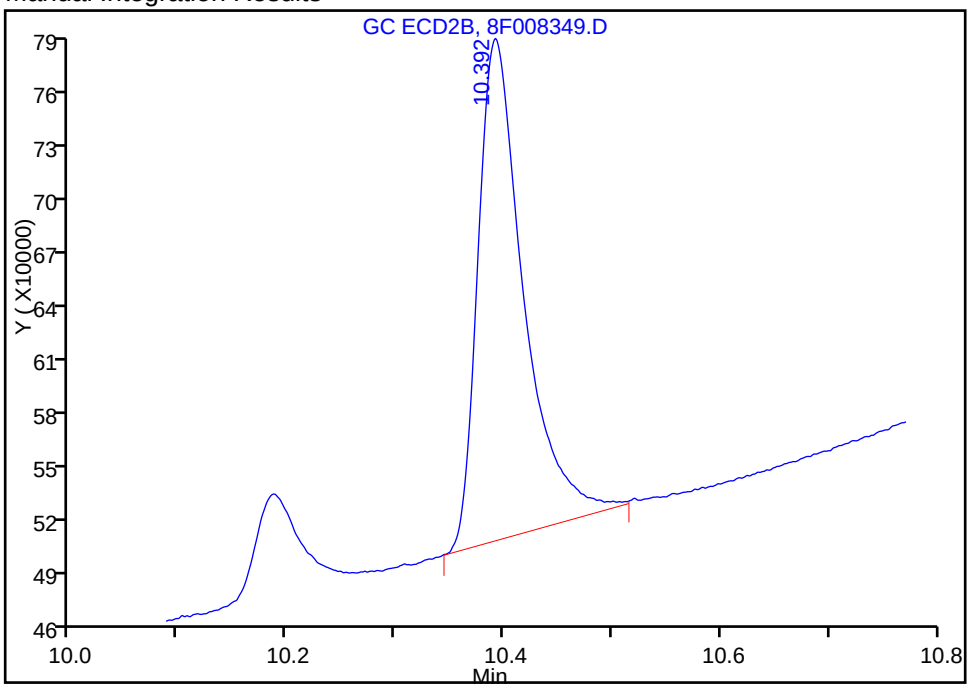
Processing Integration Results

RT: 10.39
Area: 885616
Amount: 7.849066
Amount Units: ug/l



Manual Integration Results

RT: 10.39
Area: 803685
Amount: 7.122926
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:56:26
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

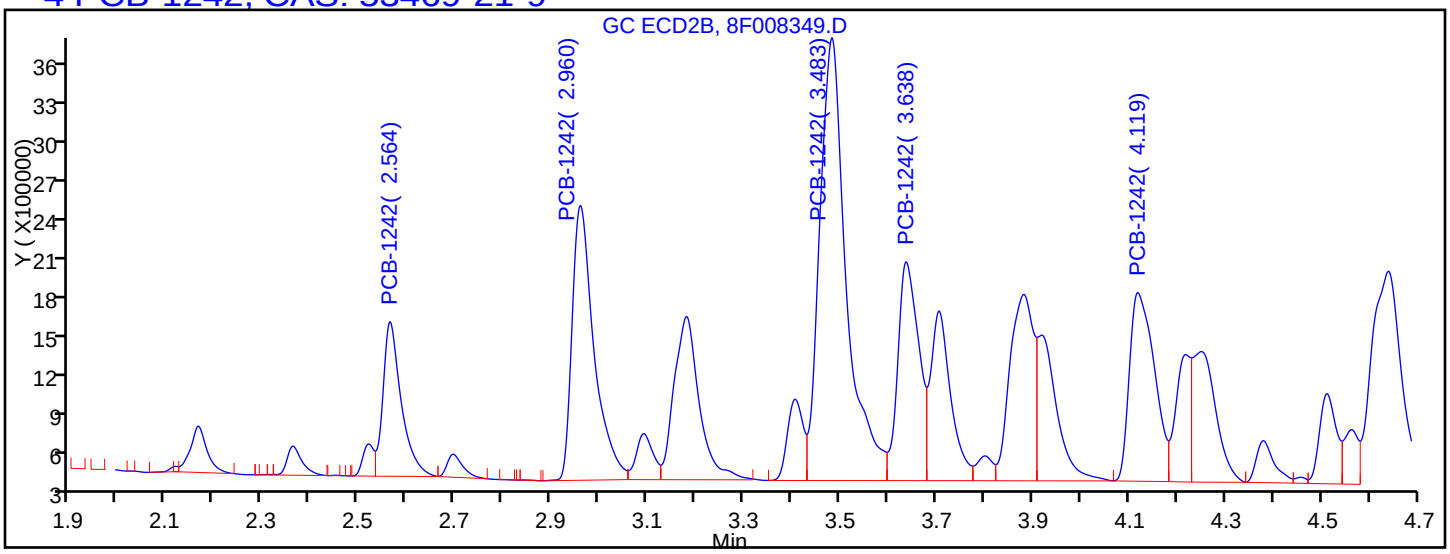
Report Date: 11-Nov-2015 13:13:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D

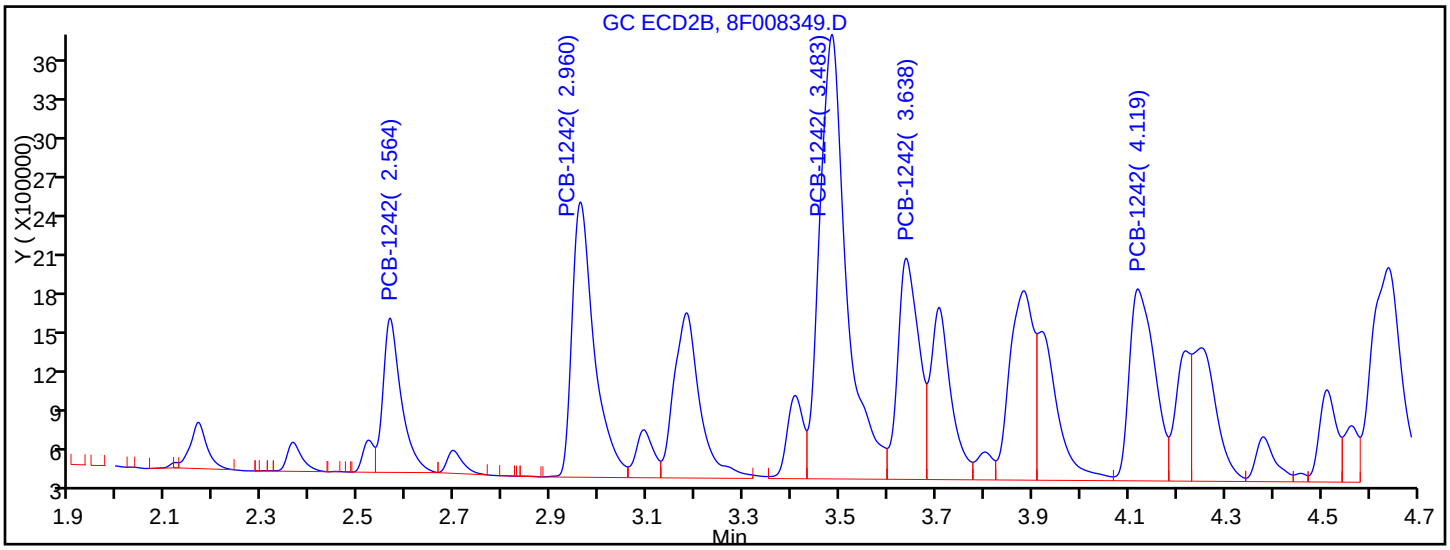
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.564	Response = 3012576	
RT = 2.960	Response = 6450664	
RT = 3.483	Response = 12677059	M
RT = 3.638	Response = 4908345	M
RT = 4.119	Response = 5041462	M



Manual Integration Results

RT = 2.564	Response = 3012576	
RT = 2.960	Response = 6450664	
RT = 3.483	Response = 12850659	M
RT = 3.638	Response = 5006236	M
RT = 4.119	Response = 5220113	M

Reviewer: patelji, 11-Nov-2015 12:56:26

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

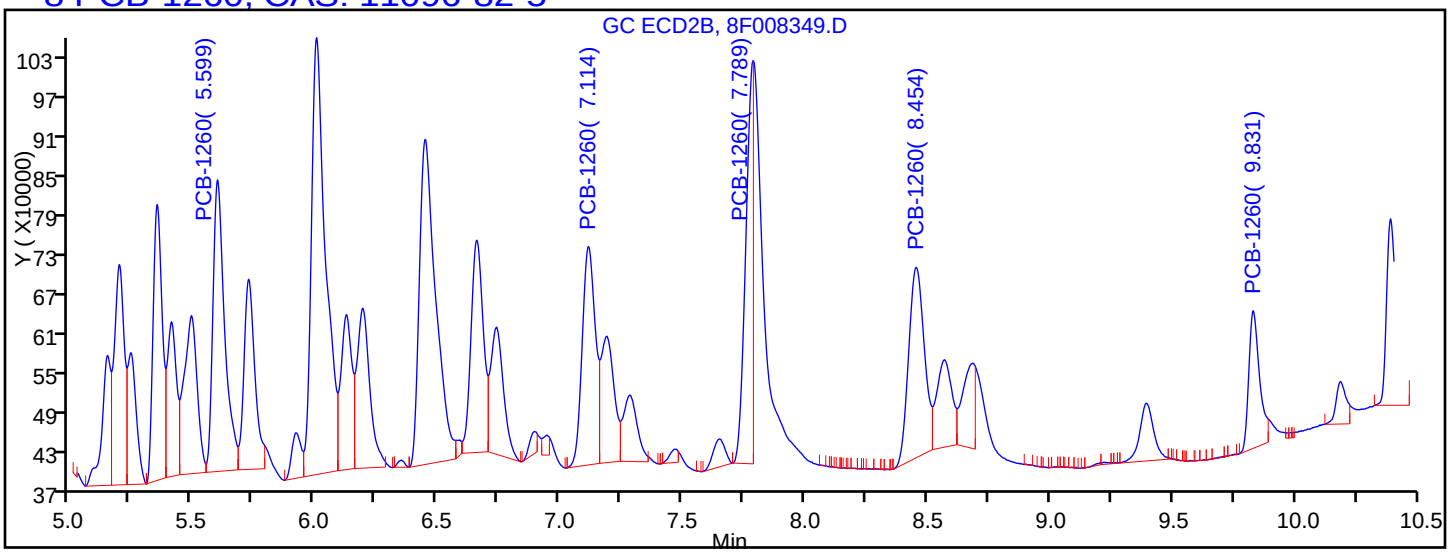
Report Date: 11-Nov-2015 13:13:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008349.D

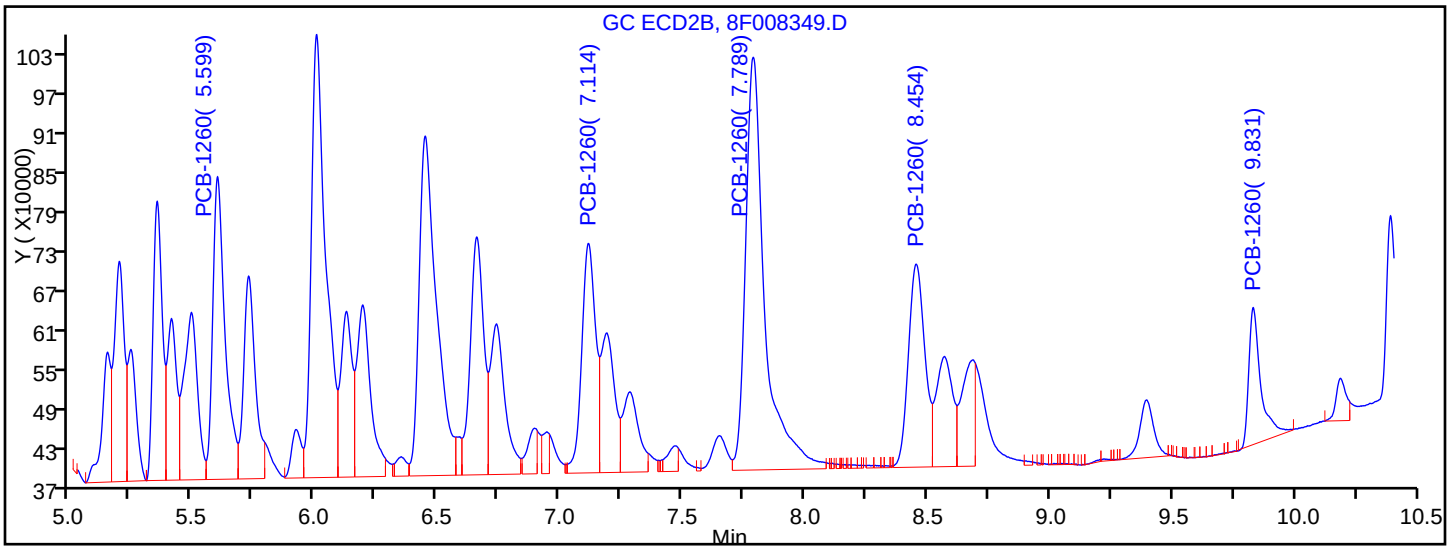
Injection Date:	11-Nov-2015 06:00:27	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-E-15-B	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	54	Worklist Smp#:	54
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.599	Response = 1491951	M
RT = 7.114	Response = 1248609	M
RT = 7.789	Response = 1267937	M
RT = 8.454	Response = 1296805	M
RT = 9.831	Response = 639996	M



Manual Integration Results

RT = 5.599	Response = 1629303	M
RT = 7.114	Response = 1377192	M
RT = 7.789	Response = 3442742	M
RT = 8.454	Response = 1458383	M
RT = 9.831	Response = 712801	M

Reviewer: patelji, 11-Nov-2015 12:56:26

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-WT | Lab Sample ID: 460-104096-16

Matrix: Solid | Lab File ID: 8F008374.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:40

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0069(g) | Date Analyzed: 11/11/2015 14:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008374.D
Lims ID: 460-104096-A-16-A Lab Sample ID: 460-104096-16
Client ID: PMP-6-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 14:47:08 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034110-017
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.687	1.688	-0.001	3278724	20.0	
2	1.470	1.468	0.002	2263258	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.309	3.311	-0.002	1358738	484.8	
1	3.829	3.831	-0.002	7652622	1297.4	
1	4.401	4.403	-0.002	13271285	1204.6	
1	4.572	4.575	-0.003	5405672	1070.3	
1	5.748	5.750	-0.002	5890258	1249.9	
		Average of Peak Amounts =			1061.4	
2	2.563	2.560	0.003	871856	430.9	
2	2.959	2.957	0.002	5670210	1442.7	
2	3.482	3.480	0.002	10804365	1395.5	
2	3.637	3.635	0.002	3782314	1215.5	
2	4.119	4.117	0.002	4682276	1344.2	
		Average of Peak Amounts =			1165.8	
					RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

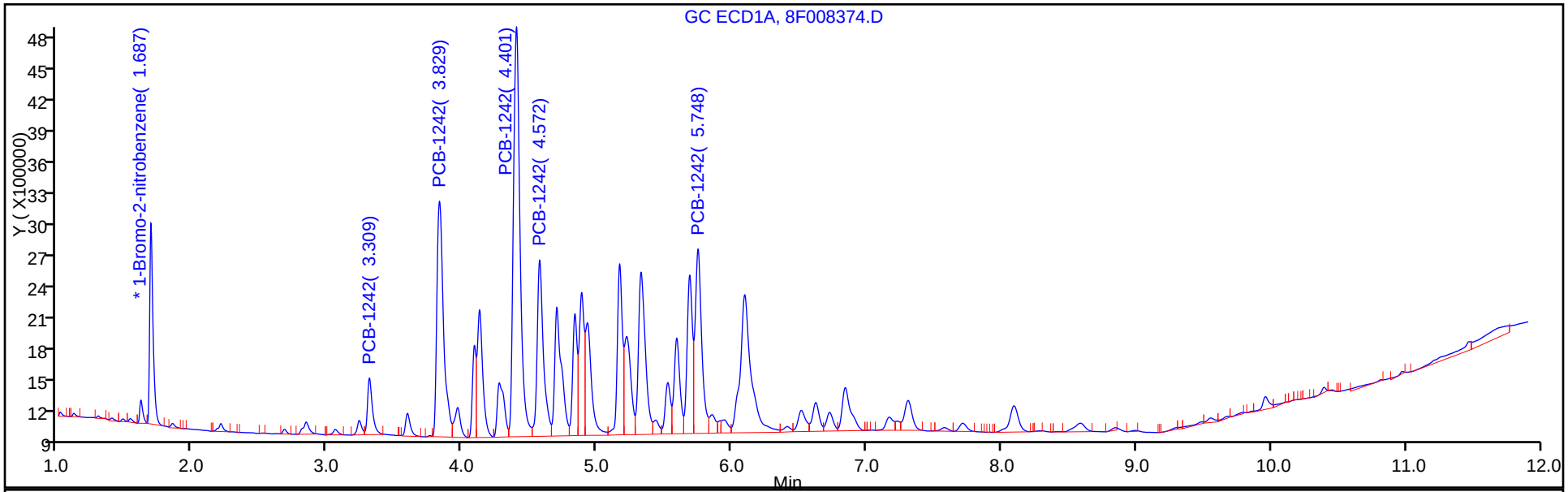
Reagents:

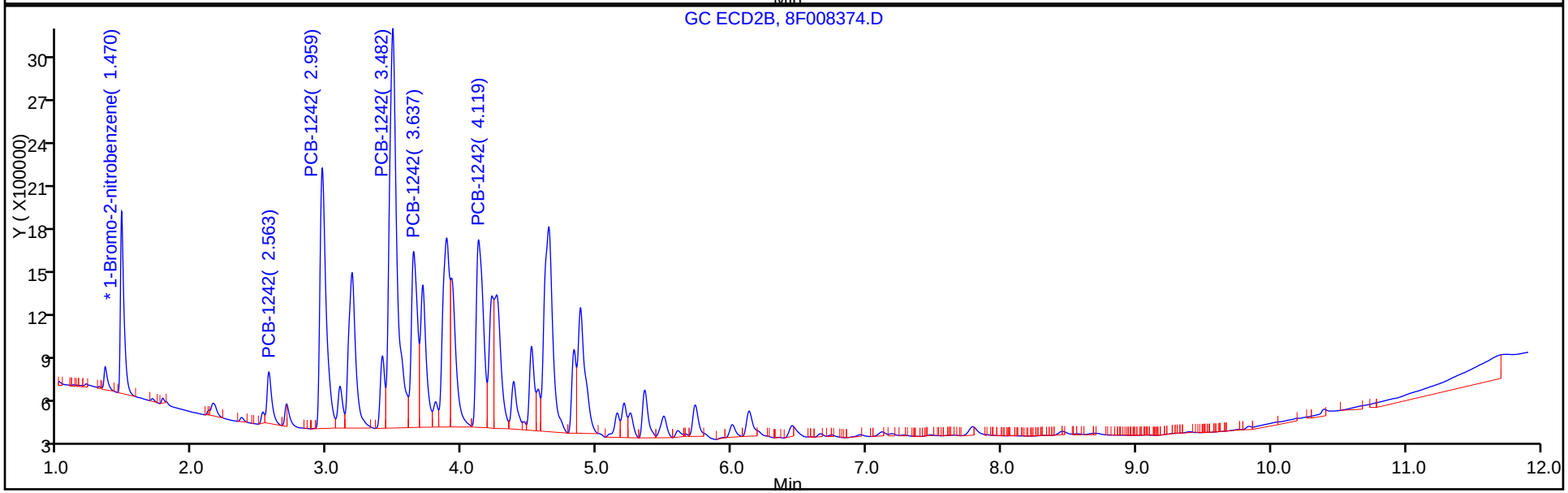
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:34:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008374.D				
Injection Date:	11-Nov-2015 14:47:08	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-16-A	Lab Sample ID:	460-104096-16	Worklist Smp#:	17
Client ID:	PMP-6-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	17
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-WT | Lab Sample ID: 460-104096-16

Matrix: Solid | Lab File ID: 8F008374.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:40

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0069(g) | Date Analyzed: 11/11/2015 14:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334643 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	950	U	7100	950
11104-28-2	Aroclor 1221	950	U	7100	950
11141-16-5	Aroclor 1232	950	U	7100	950
53469-21-9	Aroclor 1242	83000		7100	950
12672-29-6	Aroclor 1248	950	U	7100	950
11097-69-1	Aroclor 1254	980	U	7100	980
11096-82-5	Aroclor 1260	980	U	7100	980
37324-23-5	Aroclor 1262	980	U	7100	980
11100-14-4	Aroclor 1268	980	U	7100	980

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008374.D
Lims ID: 460-104096-A-16-A Lab Sample ID: 460-104096-16
Client ID: PMP-6-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 14:47:08 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034110-017
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:28:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.687	1.688	-0.001	3278724	20.0	
2	1.470	1.468	0.002	2263258	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.309	3.311	-0.002	1358738	484.8	
1	3.829	3.831	-0.002	7652622	1297.4	
1	4.401	4.403	-0.002	13271285	1204.6	
1	4.572	4.575	-0.003	5405672	1070.3	
1	5.748	5.750	-0.002	5890258	1249.9	
		Average of Peak Amounts =			1061.4	
2	2.563	2.560	0.003	871856	430.9	
2	2.959	2.957	0.002	5670210	1442.7	
2	3.482	3.480	0.002	10804365	1395.5	
2	3.637	3.635	0.002	3782314	1215.5	
2	4.119	4.117	0.002	4682276	1344.2	
		Average of Peak Amounts =			1165.8	
					RPD = 9.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

Reagents:

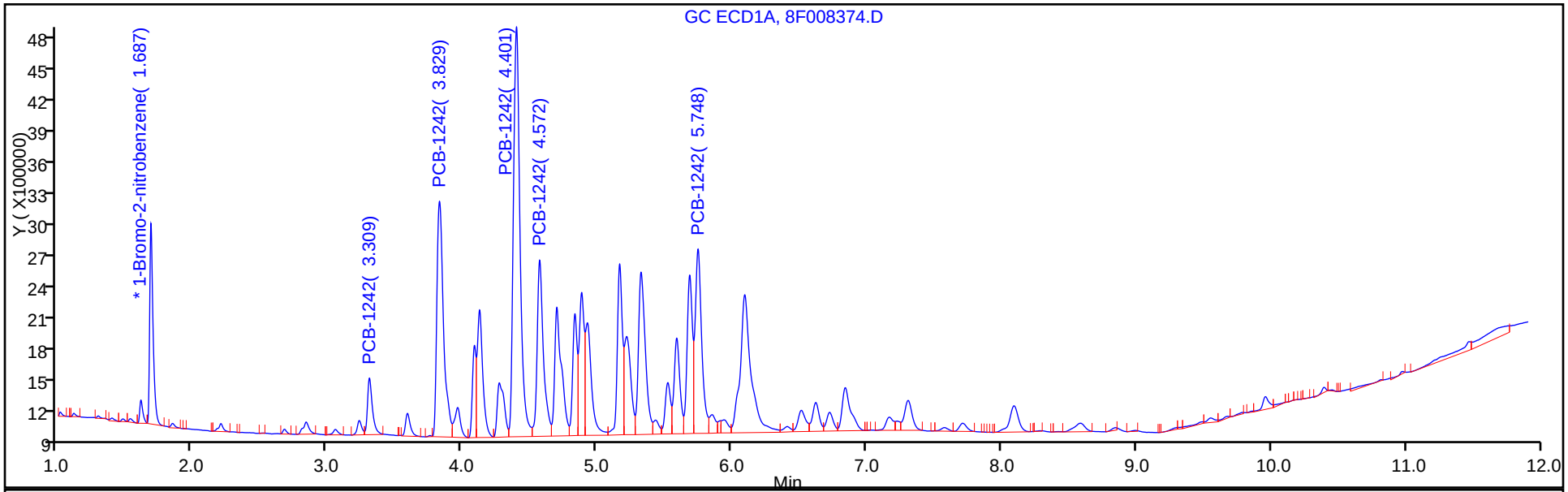
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

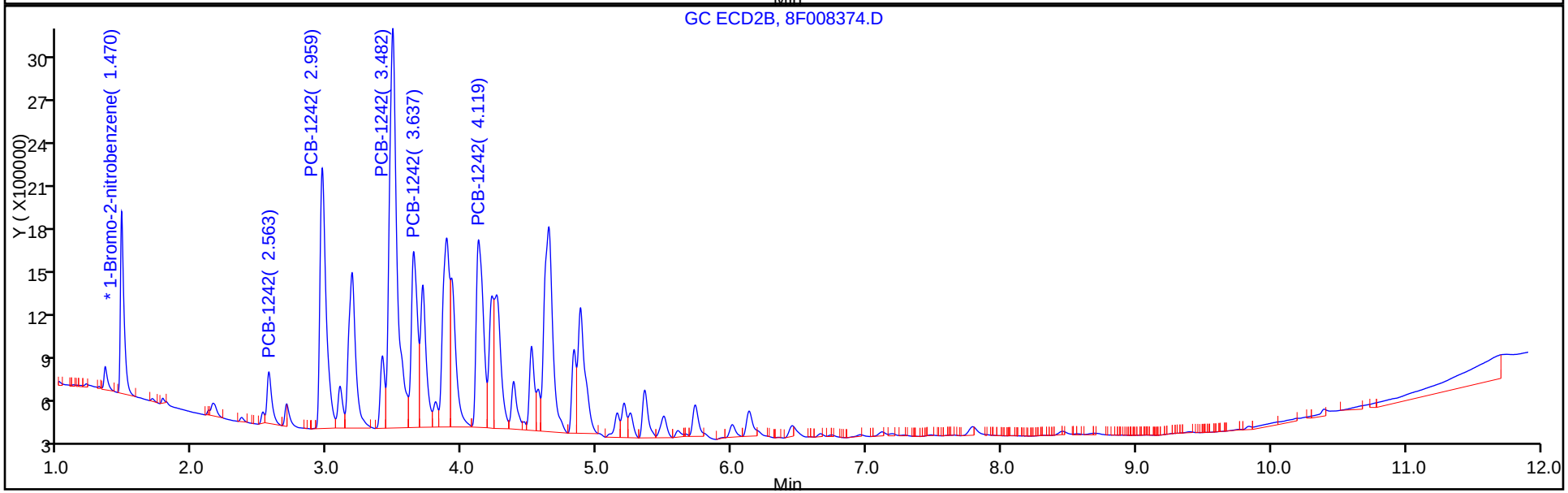
Report Date: 11-Nov-2015 15:34:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008374.D

Injection Date:	11-Nov-2015 14:47:08	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-16-A	Lab Sample ID:	460-104096-16	Worklist Smp#:	17
Client ID:	PMP-6-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	17
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-S | Lab Sample ID: 460-104096-17

Matrix: Solid | Lab File ID: 8F008351.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:42

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0336(g) | Date Analyzed: 11/11/2015 06:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D
Lims ID: 460-104096-A-17-A Lab Sample ID: 460-104096-17
Client ID: PMP-6-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 06:34:14 ALS Bottle#: 56 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034065-056
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:55:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3204388	20.0	
2	1.468	1.472	-0.004	2274597	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3001571	1095.9	
1	3.833	3.832	0.001	11231136	1948.3	
1	4.405	4.404	0.001	21057916	1955.6	M
1	4.576	4.575	0.001	8407189	1703.2	M
1	5.753	5.752	0.001	10077608	2188.0	M
		Average of Peak Amounts =			1778.2	
2	2.561	2.562	-0.001	2143569	1054.1	
2	2.958	2.958	0.000	8806276	2229.5	
2	3.482	3.481	0.001	18269326	2347.8	M
2	3.637	3.636	0.001	6250475	1998.7	M
2	4.118	4.119	-0.001	8472252	2420.0	M
		Average of Peak Amounts =			2010.0	
					RPD = 12.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	11.481	11.444	0.037	409530	2.82	M
2	10.399	10.385	0.014	422249	3.55	M
					RPD = 22.68	

QC Flag Legend

Review Flags

M - Manually Integrated

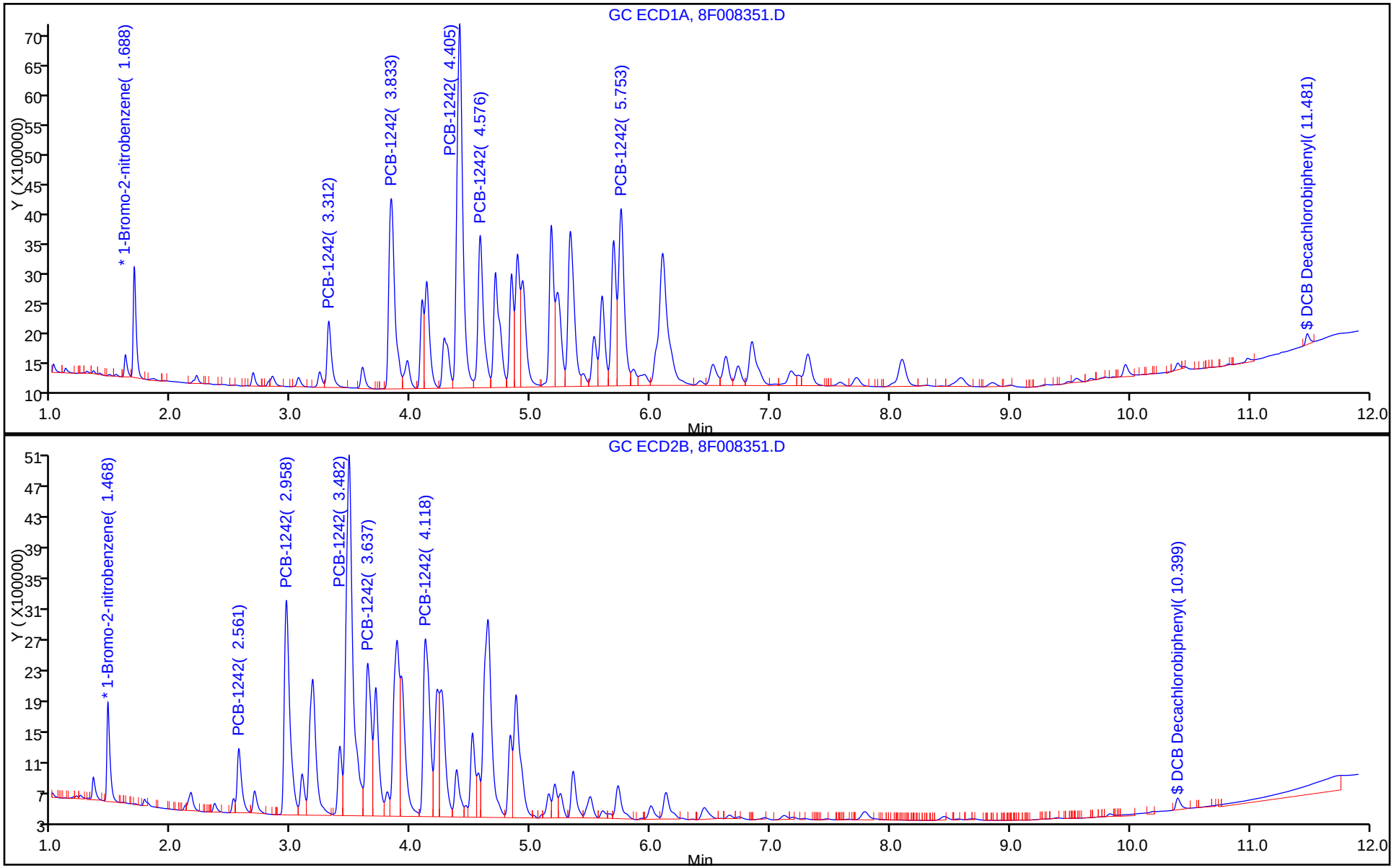
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D				
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17	Worklist Smp#:	56
Client ID:	PMP-6-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	56
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

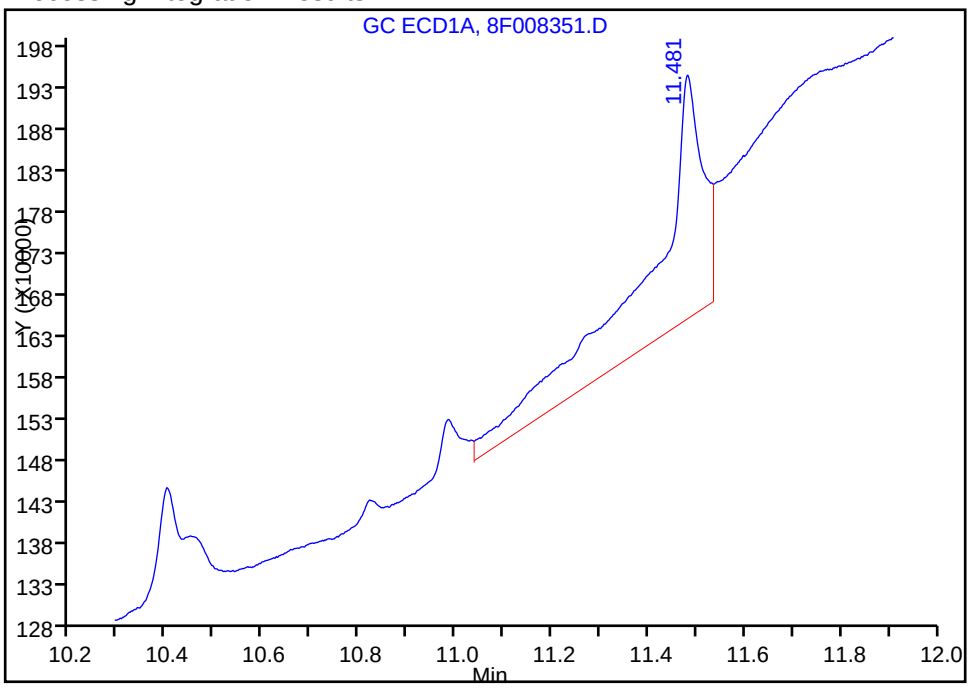
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D				
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17		
Client ID:	PMP-6-NW2-S				
Operator ID:	615	ALS Bottle#:	56	Worklist Smp#:	56
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

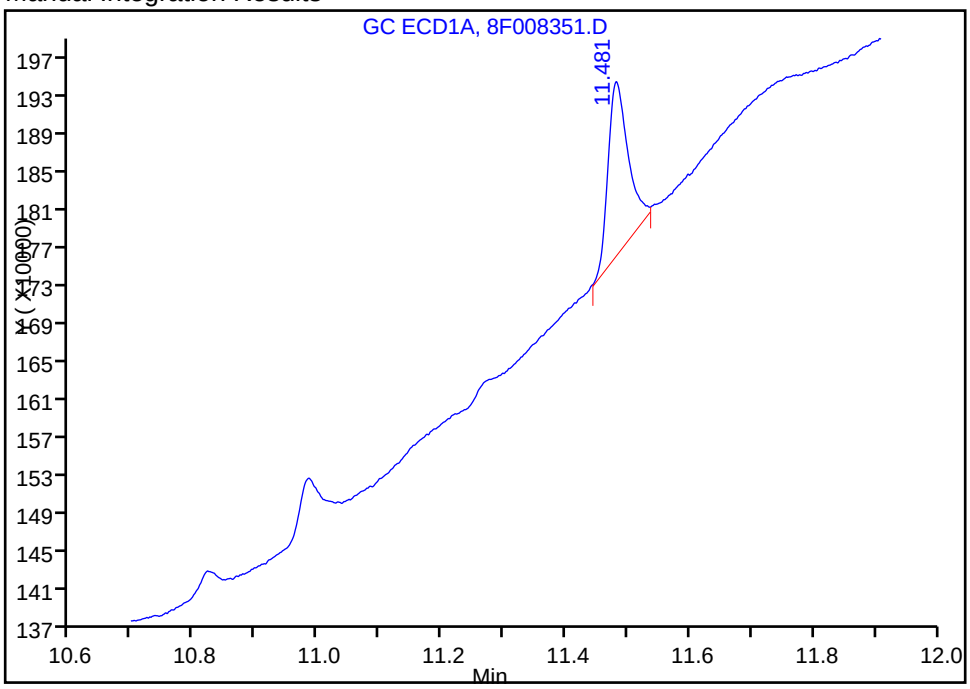
Processing Integration Results

RT: 11.48
Area: 2308255
Amount: 15.917389
Amount Units: ug/l



Manual Integration Results

RT: 11.48
Area: 409530
Amount: 2.824059
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:55:19
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

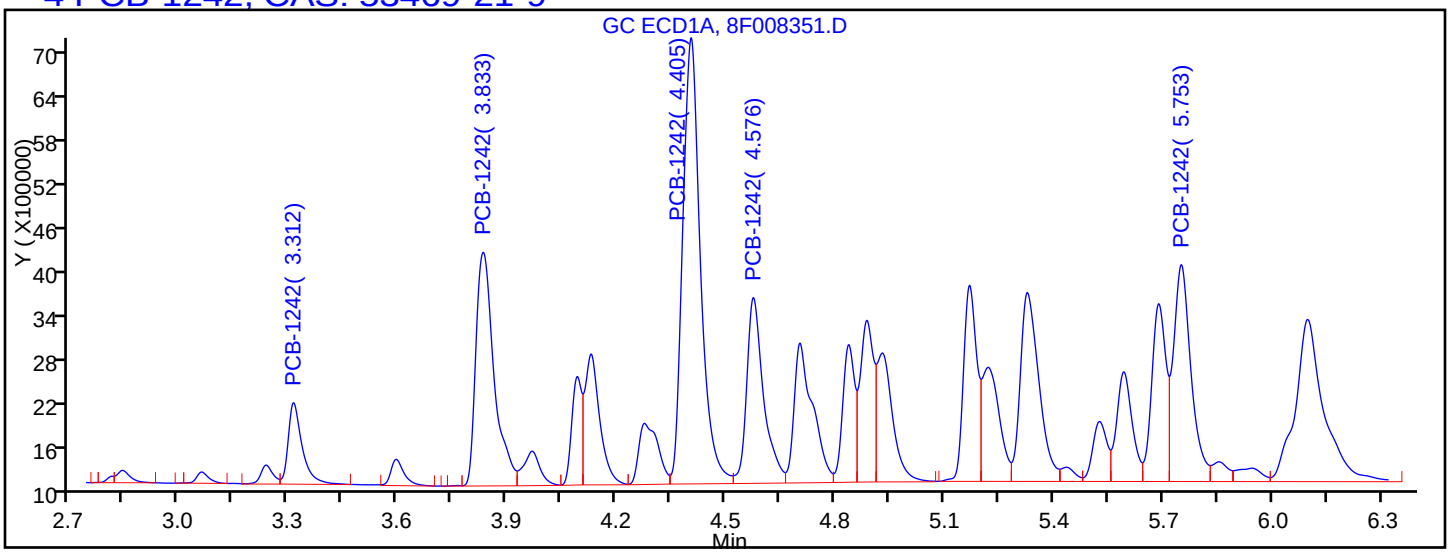
Report Date: 11-Nov-2015 13:13:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D

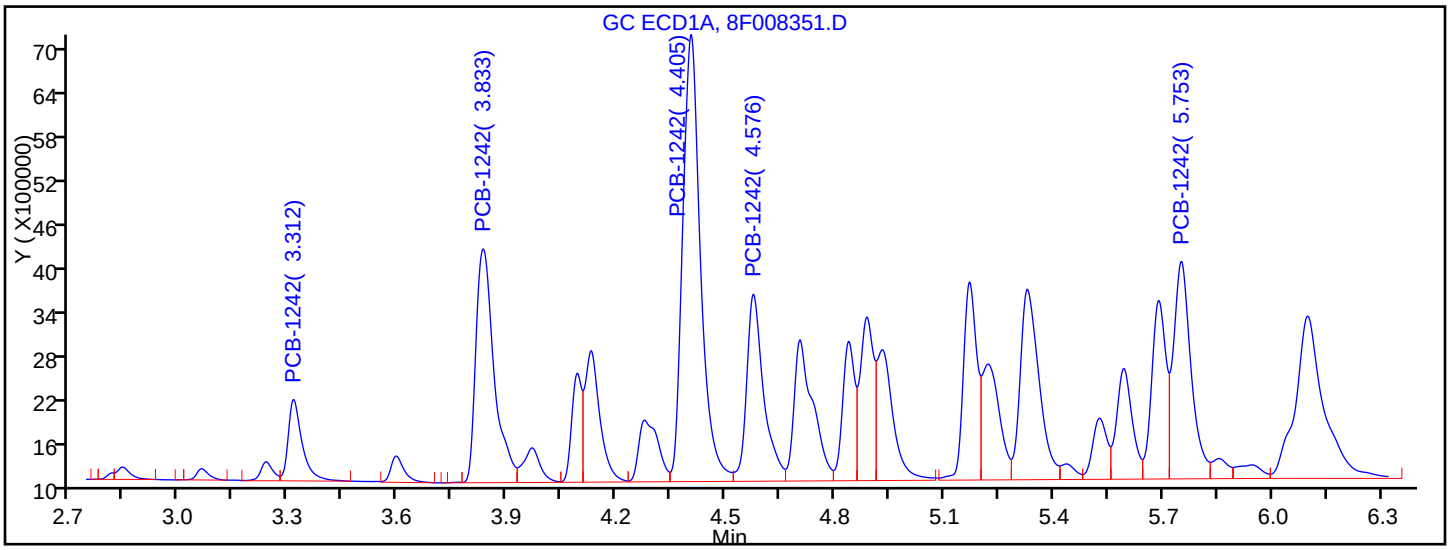
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17		
Client ID:	PMP-6-NW2-S				
Operator ID:	615	ALS Bottle#:	56	Worklist Smp#:	56
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.312	Response = 3001571	
RT = 3.833	Response = 11231136	
RT = 4.405	Response = 20913450	M
RT = 4.576	Response = 8263199	M
RT = 5.753	Response = 10024594	M



Manual Integration Results

RT = 3.312	Response = 3001571	
RT = 3.833	Response = 11231136	
RT = 4.405	Response = 21057916	M
RT = 4.576	Response = 8407189	M
RT = 5.753	Response = 10077608	M

Reviewer: patelji, 11-Nov-2015 12:55:19

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-S | Lab Sample ID: 460-104096-17

Matrix: Solid | Lab File ID: 8F008351.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:42

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0336(g) | Date Analyzed: 11/11/2015 06:34

Con. Extract Vol.: 10(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	190	U	1400	190
11104-28-2	Aroclor 1221	190	U	1400	190
11141-16-5	Aroclor 1232	190	U	1400	190
53469-21-9	Aroclor 1242	29000		1400	190
12672-29-6	Aroclor 1248	190	U	1400	190
11097-69-1	Aroclor 1254	200	U	1400	200
11096-82-5	Aroclor 1260	200	U	1400	200
37324-23-5	Aroclor 1262	200	U	1400	200
11100-14-4	Aroclor 1268	200	U	1400	200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D
Lims ID: 460-104096-A-17-A Lab Sample ID: 460-104096-17
Client ID: PMP-6-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 06:34:14 ALS Bottle#: 56 Worklist Smp#: 56
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034065-056
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:55:19

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3204388	20.0	
2	1.468	1.472	-0.004	2274597	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3001571	1095.9	
1	3.833	3.832	0.001	11231136	1948.3	
1	4.405	4.404	0.001	21057916	1955.6	M
1	4.576	4.575	0.001	8407189	1703.2	M
1	5.753	5.752	0.001	10077608	2188.0	M
		Average of Peak Amounts =			1778.2	
2	2.561	2.562	-0.001	2143569	1054.1	
2	2.958	2.958	0.000	8806276	2229.5	
2	3.482	3.481	0.001	18269326	2347.8	M
2	3.637	3.636	0.001	6250475	1998.7	M
2	4.118	4.119	-0.001	8472252	2420.0	M
		Average of Peak Amounts =			2010.0	
					RPD = 12.24	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	11.481	11.444	0.037	409530	2.82	M
2	10.399	10.385	0.014	422249	3.55	M
					RPD = 22.68	

QC Flag Legend

Review Flags

M - Manually Integrated

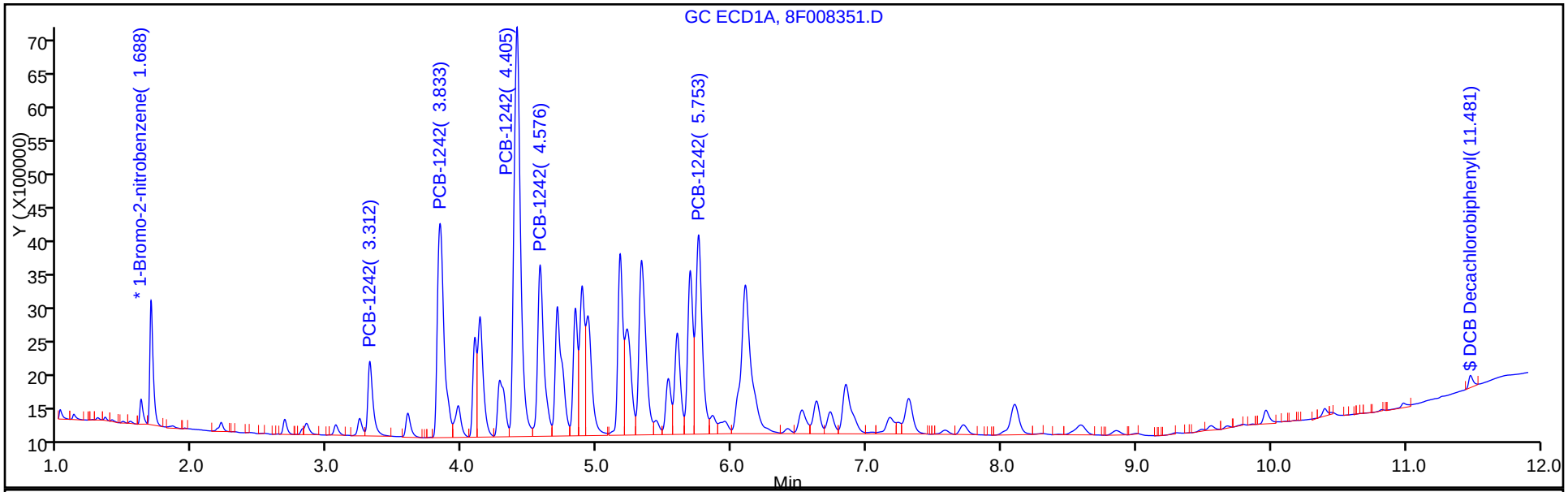
Reagents:

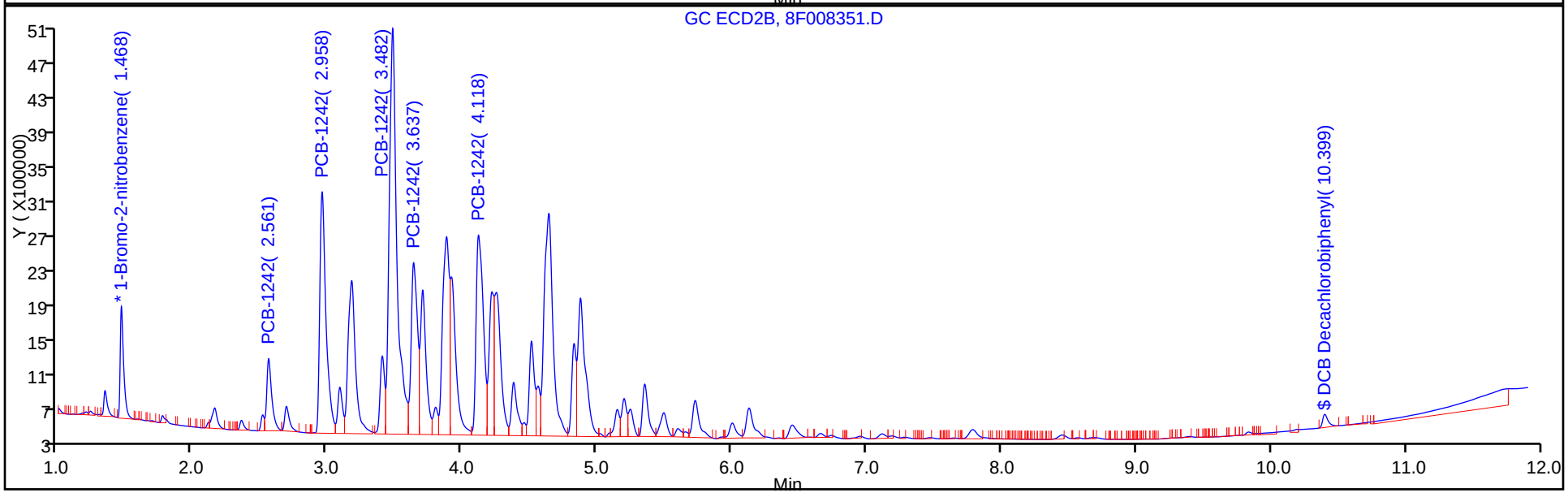
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D				
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17	Worklist Smp#:	56
Client ID:	PMP-6-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	20.0000	ALS Bottle#:	56
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

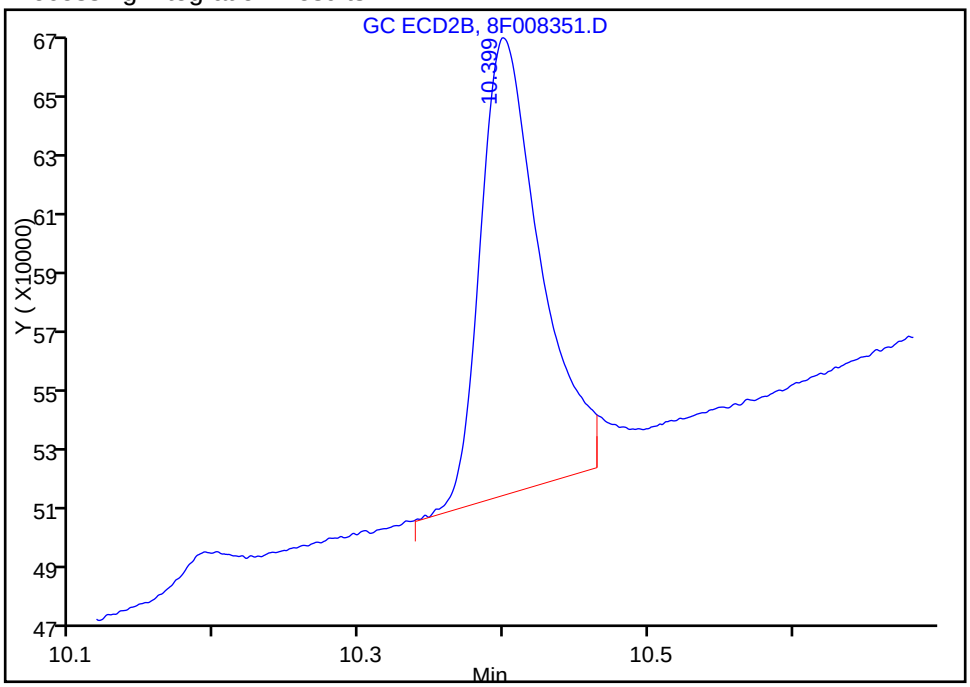
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D				
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17		
Client ID:	PMP-6-NW2-S				
Operator ID:	615	ALS Bottle#:	56	Worklist Smp#:	56
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

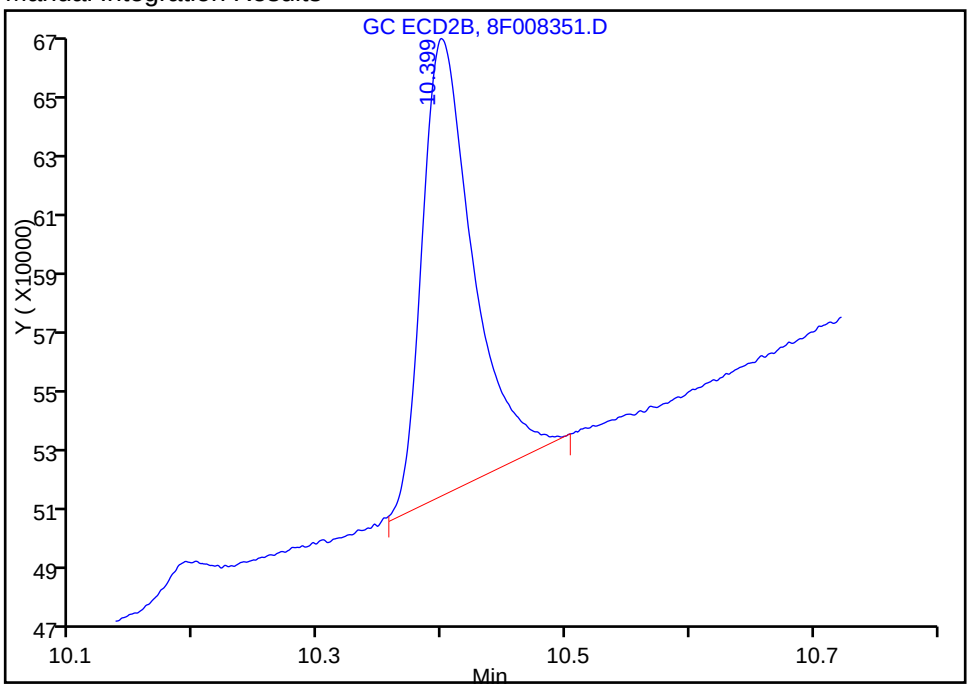
Processing Integration Results

RT: 10.40
Area: 434431
Amount: 3.648901
Amount Units: ug/l



Manual Integration Results

RT: 10.40
Area: 422249
Amount: 3.546581
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:55:19
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

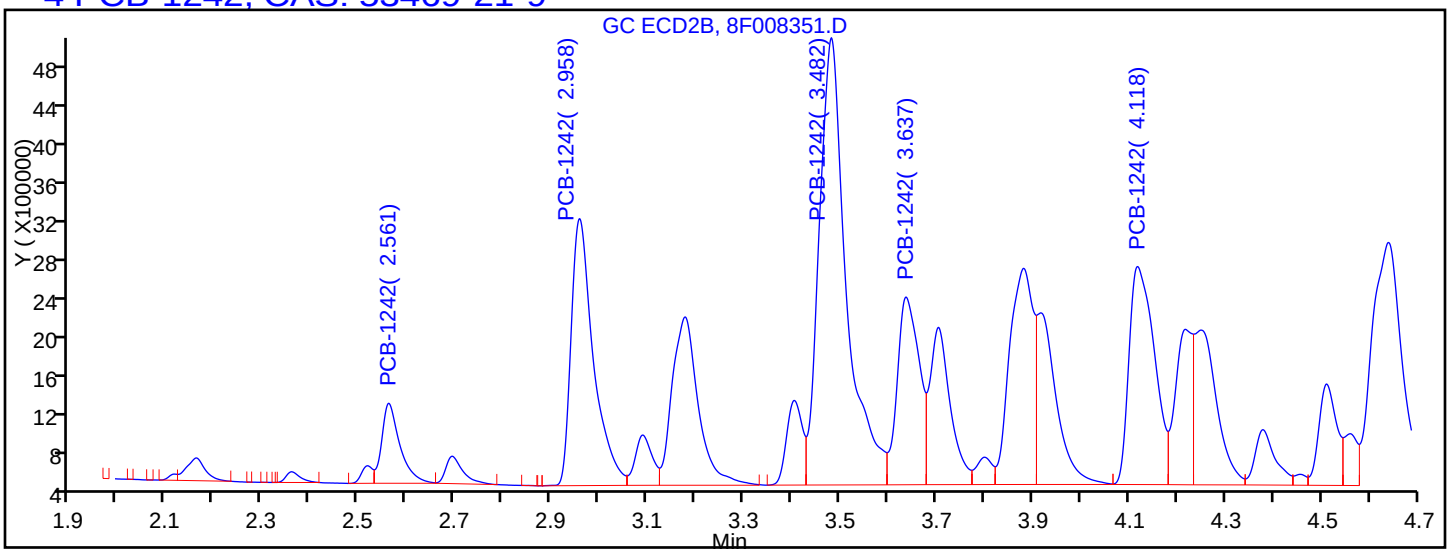
Report Date: 11-Nov-2015 13:13:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008351.D

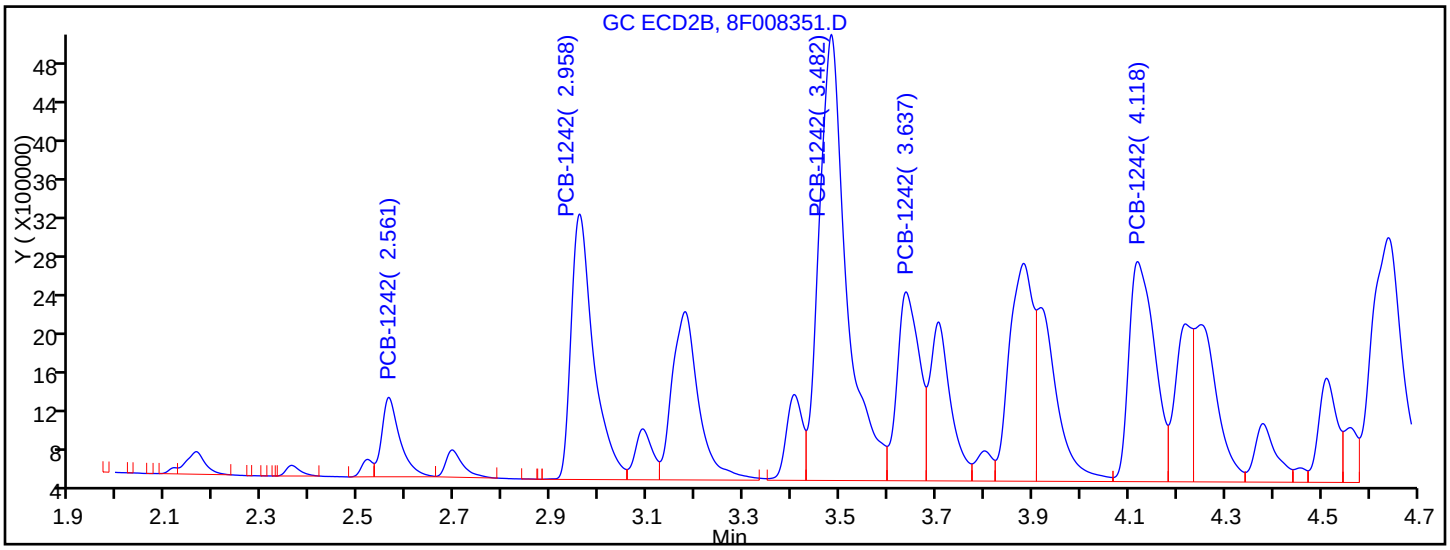
Injection Date:	11-Nov-2015 06:34:14	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-17-A	Lab Sample ID:	460-104096-17		
Client ID:	PMP-6-NW2-S				
Operator ID:	615	ALS Bottle#:	56	Worklist Smp#:	56
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.561	Response = 2143569	
RT = 2.958	Response = 8806276	
RT = 3.482	Response = 18051525	M
RT = 3.637	Response = 6123829	M
RT = 4.118	Response = 8217173	M



Manual Integration Results

RT = 2.561	Response = 2143569	
RT = 2.958	Response = 8806276	
RT = 3.482	Response = 18269326	M
RT = 3.637	Response = 6250475	M
RT = 4.118	Response = 8472252	M

Reviewer: patelji, 11-Nov-2015 12:55:19

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-12.75 | Lab Sample ID: 460-104096-18

Matrix: Solid | Lab File ID: 8F008352.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:57

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0121(g) | Date Analyzed: 11/11/2015 06:51

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.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D
Lims ID: 460-104096-A-18-A Lab Sample ID: 460-104096-18
Client ID: PMP-6-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 06:51:09 ALS Bottle#: 57 Worklist Smp#: 57
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-057
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:54:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3658364	20.0	
2	1.468	1.472	-0.004	2617196	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3341183	1068.5	
1	3.832	3.832	0.000	5183826	787.7	
1	4.405	4.404	0.001	9276180	754.6	M
1	4.576	4.575	0.001	4094837	726.6	M
1	5.752	5.752	0.000	3803067	723.2	M
		Average of Peak Amounts =			812.1	
2	2.561	2.562	-0.001	2151777	919.7	M
2	2.957	2.958	-0.001	4373591	962.3	M
2	3.481	3.481	0.000	8166427	912.1	M
2	3.636	3.636	0.000	3137223	871.9	M
2	4.117	4.119	-0.002	2970857	737.5	M
		Average of Peak Amounts =			880.7	
					RPD = 8.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.488	11.444	0.044	8414150	50.8	
2	10.404	10.385	0.019	7828420	57.1	
					RPD = 11.71	

QC Flag Legend

Review Flags

M - Manually Integrated

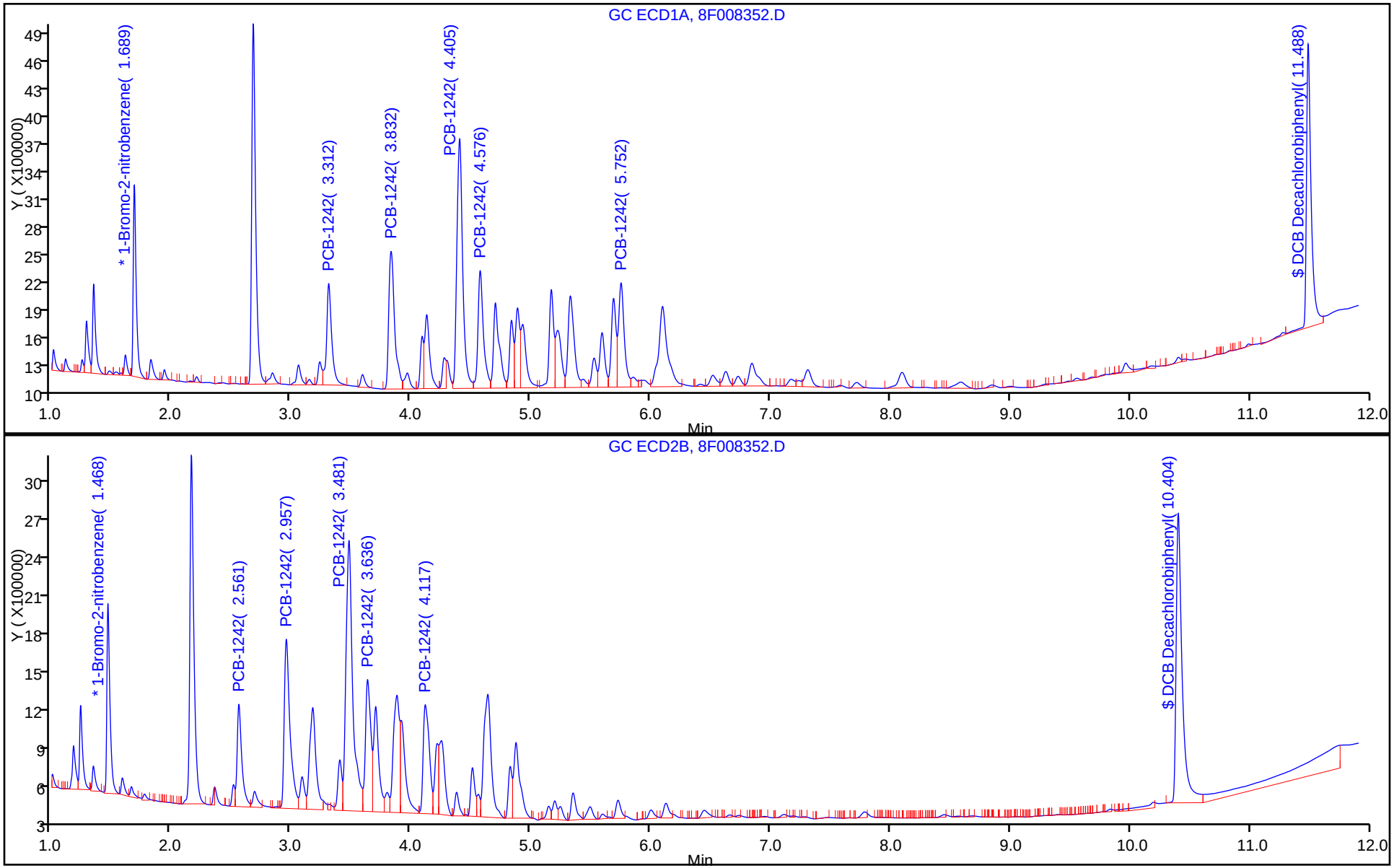
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D				
Injection Date:	11-Nov-2015 06:51:09	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-18-A	Lab Sample ID:	460-104096-18	Worklist Smp#:	57
Client ID:	PMP-6-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



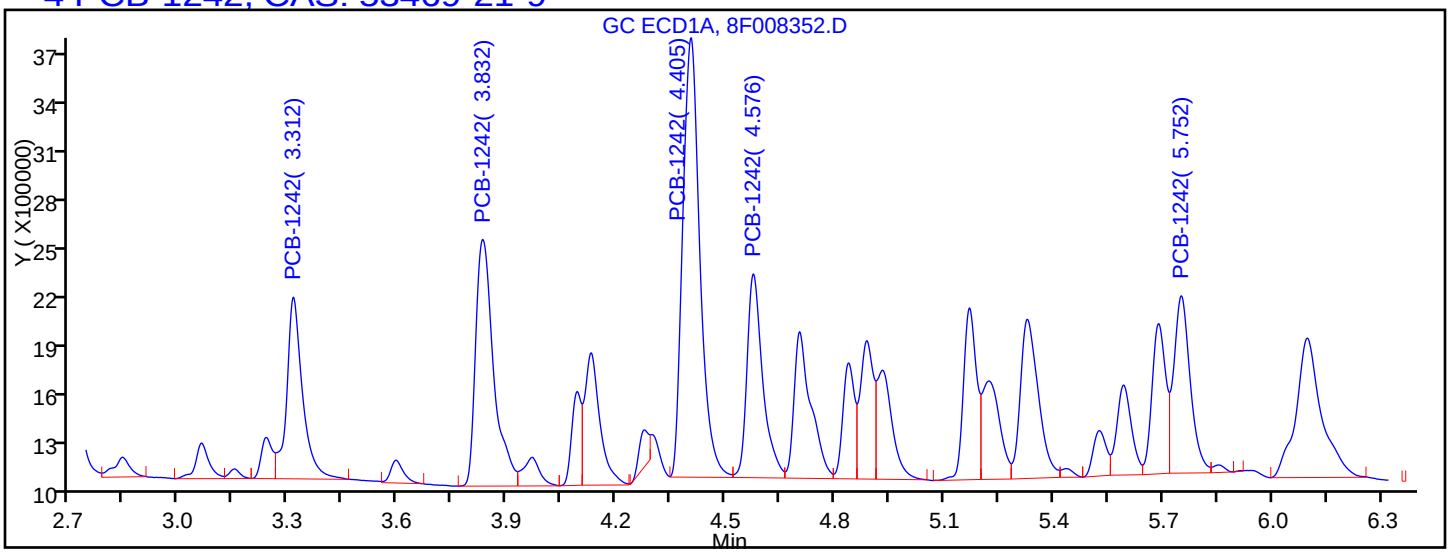
Report Date: 11-Nov-2015 13:13:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D

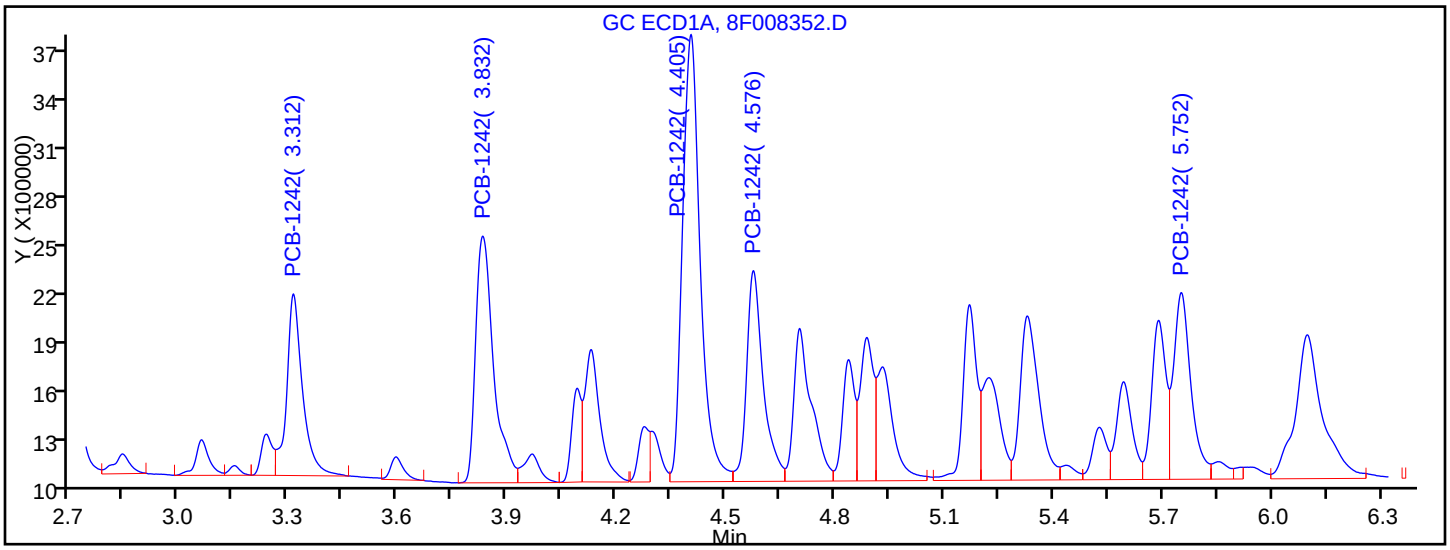
Injection Date:	11-Nov-2015 06:51:09	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-18-A	Lab Sample ID:	460-104096-18		
Client ID:	PMP-6-NW2-12.75				
Operator ID:	615	ALS Bottle#:	57	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.312	Response = 3341183	
RT = 3.832	Response = 5183826	
RT = 4.405	Response = 8787661	M
RT = 4.576	Response = 3734327	M
RT = 5.752	Response = 3406195	M



Manual Integration Results

RT = 3.312	Response = 3341183	
RT = 3.832	Response = 5183826	
RT = 4.405	Response = 9276180	M
RT = 4.576	Response = 4094837	M
RT = 5.752	Response = 3803067	M

Reviewer: patelji, 11-Nov-2015 12:54:47

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-6-NW2-12.75 | Lab Sample ID: 460-104096-18

Matrix: Solid | Lab File ID: 8F008352.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:57

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0121(g) | Date Analyzed: 11/11/2015 06:51

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.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	79	10
11104-28-2	Aroclor 1221	10	U	79	10
11141-16-5	Aroclor 1232	10	U	79	10
53469-21-9	Aroclor 1242	690		79	10
12672-29-6	Aroclor 1248	10	U	79	10
11097-69-1	Aroclor 1254	11	U	79	11
11096-82-5	Aroclor 1260	11	U	79	11
37324-23-5	Aroclor 1262	11	U	79	11
11100-14-4	Aroclor 1268	11	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D
Lims ID: 460-104096-A-18-A Lab Sample ID: 460-104096-18
Client ID: PMP-6-NW2-12.75
Sample Type: Client
Inject. Date: 11-Nov-2015 06:51:09 ALS Bottle#: 57 Worklist Smp#: 57
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-057
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:54:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3658364	20.0	
2	1.468	1.472	-0.004	2617196	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3341183	1068.5	
1	3.832	3.832	0.000	5183826	787.7	
1	4.405	4.404	0.001	9276180	754.6	M
1	4.576	4.575	0.001	4094837	726.6	M
1	5.752	5.752	0.000	3803067	723.2	M
		Average of Peak Amounts =			812.1	
2	2.561	2.562	-0.001	2151777	919.7	M
2	2.957	2.958	-0.001	4373591	962.3	M
2	3.481	3.481	0.000	8166427	912.1	M
2	3.636	3.636	0.000	3137223	871.9	M
2	4.117	4.119	-0.002	2970857	737.5	M
		Average of Peak Amounts =			880.7	
					RPD = 8.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.488	11.444	0.044	8414150	50.8	
2	10.404	10.385	0.019	7828420	57.1	
					RPD = 11.71	

QC Flag Legend

Review Flags

M - Manually Integrated

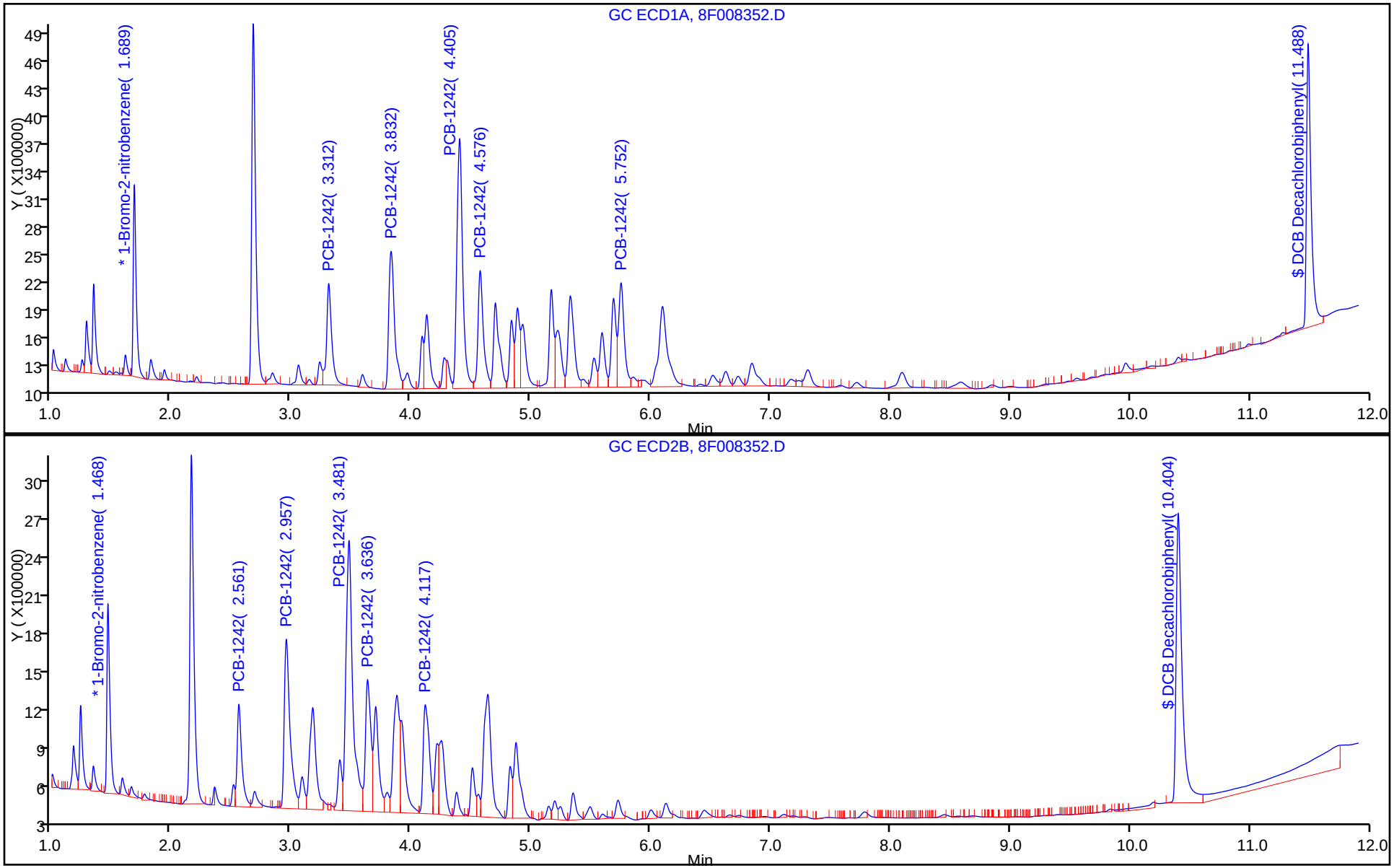
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D				
Injection Date:	11-Nov-2015 06:51:09	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-18-A	Lab Sample ID:	460-104096-18	Worklist Smp#:	57
Client ID:	PMP-6-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



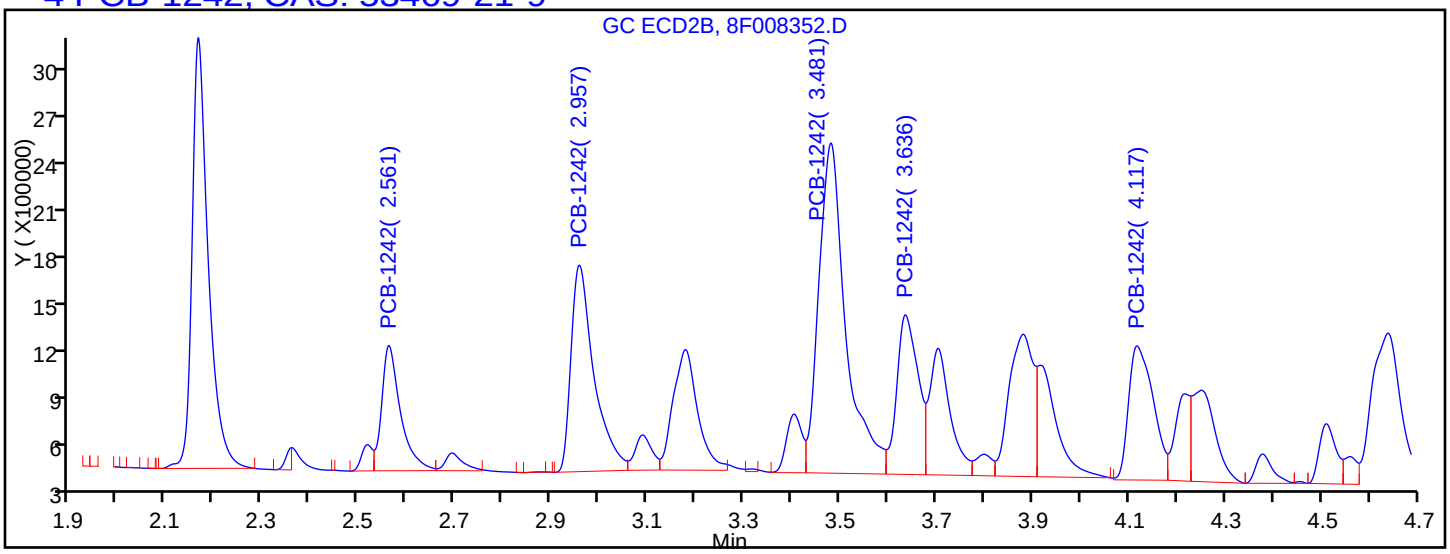
Report Date: 11-Nov-2015 13:13:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008352.D

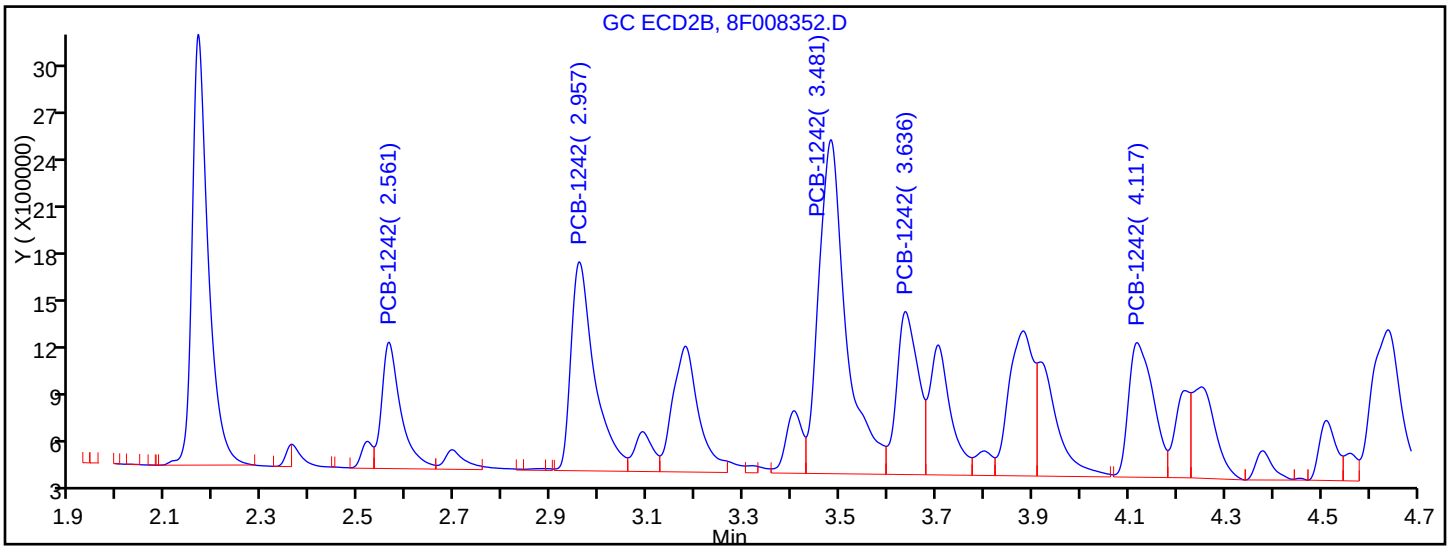
Injection Date:	11-Nov-2015 06:51:09	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-18-A	Lab Sample ID:	460-104096-18		
Client ID:	PMP-6-NW2-12.75				
Operator ID:	615	ALS Bottle#:	57	Worklist Smp#:	57
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.561	Response = 2089503	M
RT = 2.957	Response = 4211769	M
RT = 3.481	Response = 7937622	M
RT = 3.636	Response = 3032862	M
RT = 4.117	Response = 2949145	M



Manual Integration Results

RT = 2.561	Response = 2151777	M
RT = 2.957	Response = 4373591	M
RT = 3.481	Response = 8166427	M
RT = 3.636	Response = 3137223	M
RT = 4.117	Response = 2970857	M

Reviewer: patelji, 11-Nov-2015 12:54:47

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-0.75 | Lab Sample ID: 460-104096-19

Matrix: Solid | Lab File ID: 8F008320.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:55

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0224(g) | Date Analyzed: 11/10/2015 21:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D
Lims ID: 460-104096-A-19-A Lab Sample ID: 460-104096-19
Client ID: PMP-7-NW2-0.75
Sample Type: Client
Inject. Date: 10-Nov-2015 21:50:54 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-025
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:07:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3525725	20.0	
2	1.471	1.468	0.003	2426849	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3457834	1147.4	M
1	3.832	3.832	0.000	5410450	853.0	
1	4.406	4.404	0.002	12782802	1078.9	M
1	4.575	4.575	0.000	4872854	897.2	M
1	5.752	5.752	0.000	8901865	1756.6	M
		Average of Peak Amounts =			1146.6	
2	2.564	2.562	0.002	1916405	883.3	
2	2.961	2.958	0.003	4340713	1030.0	M
2	3.486	3.481	0.005	11056949	1331.8	M
2	3.639	3.636	0.003	3389950	1016.0	M
2	4.121	4.119	0.002	5541933	1483.7	M
		Average of Peak Amounts =			1149.0	
					RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.450	11.506	-0.056	7793659	48.8	
2	10.388	10.410	-0.022	7209628	56.8	
					RPD = 14.98	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

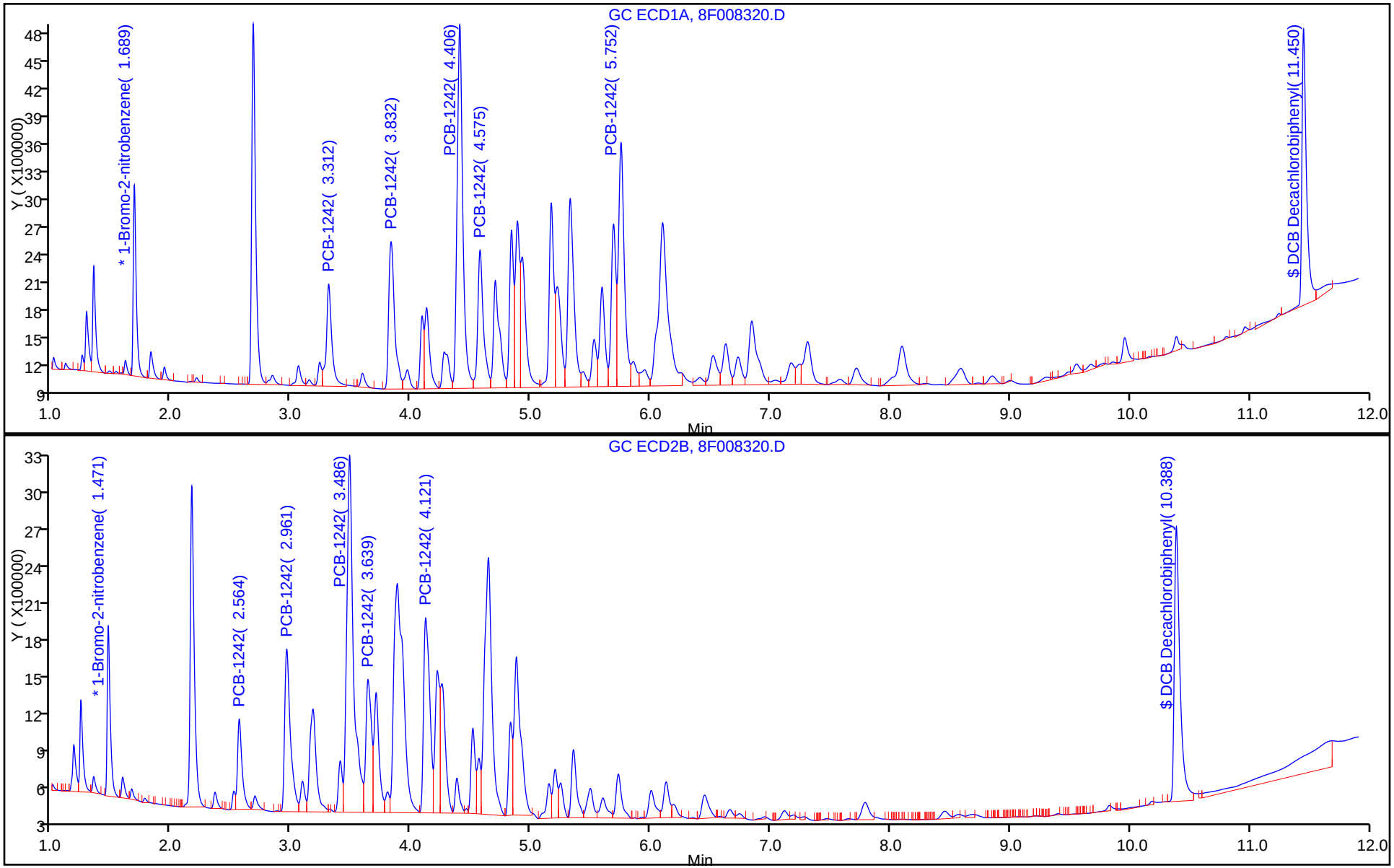
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D

Injection Date:	10-Nov-2015 21:50:54	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-19-A	Lab Sample ID:	460-104096-19	Worklist Smp#:	25
Client ID:	PMP-7-NW2-0.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



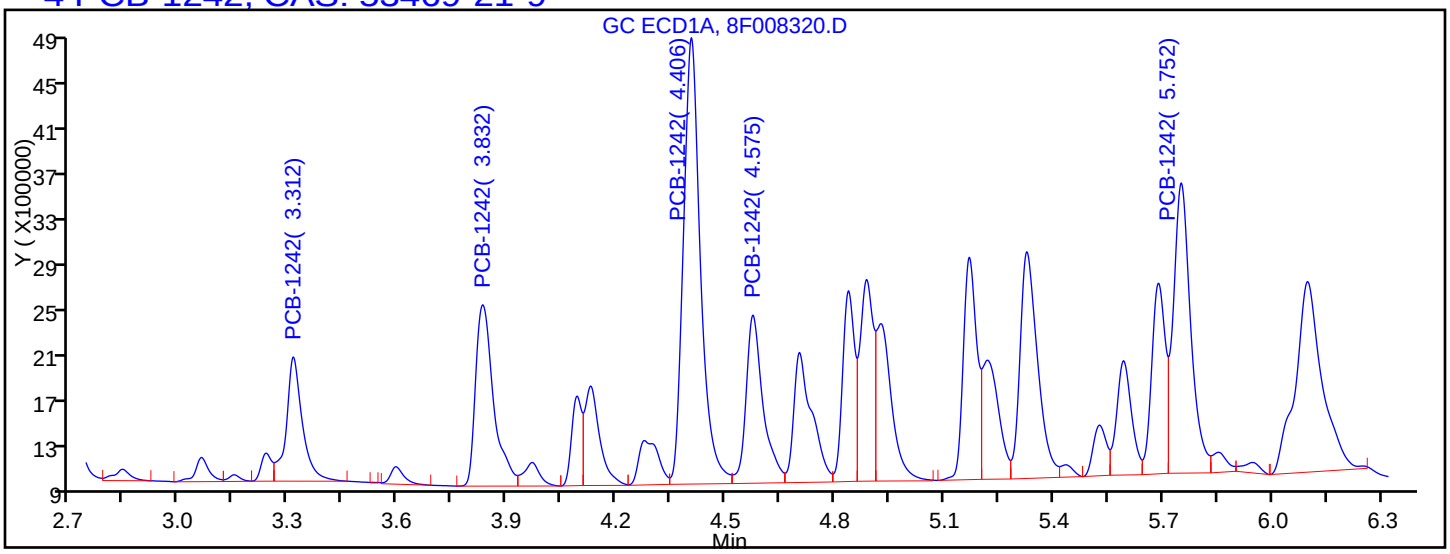
Report Date: 11-Nov-2015 13:12:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D

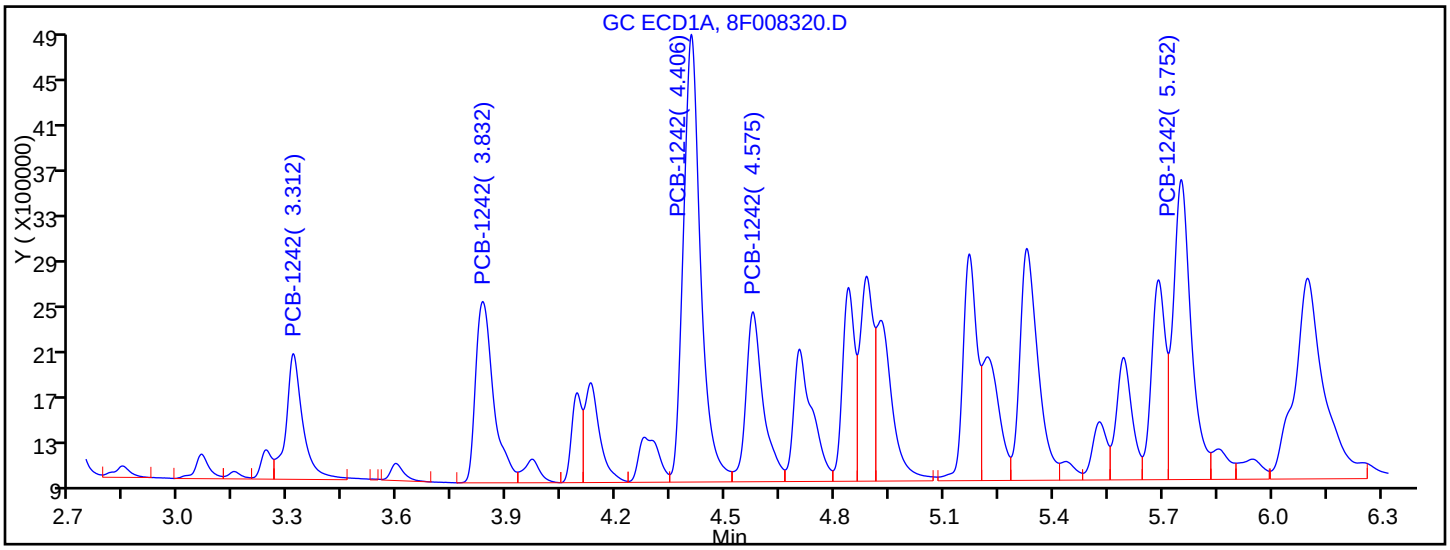
Injection Date:	10-Nov-2015 21:50:54	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-19-A	Lab Sample ID:	460-104096-19		
Client ID:	PMP-7-NW2-0.75				
Operator ID:	615	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.312	Response = 3294912	M
RT = 3.832	Response = 5410450	
RT = 4.406	Response = 12663966	M
RT = 4.575	Response = 4733149	M
RT = 5.752	Response = 8313771	M



Manual Integration Results

RT = 3.312	Response = 3457834	M
RT = 3.832	Response = 5410450	
RT = 4.406	Response = 12782802	M
RT = 4.575	Response = 4872854	M
RT = 5.752	Response = 8901865	M

Reviewer: patelji, 11-Nov-2015 11:37:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-0.75 | Lab Sample ID: 460-104096-19

Matrix: Solid | Lab File ID: 8F008320.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:55

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0224(g) | Date Analyzed: 11/10/2015 21:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	72	9.6
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
53469-21-9	Aroclor 1242	820		72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	9.9	U	72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D
Lims ID: 460-104096-A-19-A Lab Sample ID: 460-104096-19
Client ID: PMP-7-NW2-0.75
Sample Type: Client
Inject. Date: 10-Nov-2015 21:50:54 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-025
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:07:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.689	1.689	0.000	3525725	20.0	
2	1.471	1.468	0.003	2426849	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.312	3.312	0.000	3457834	1147.4	M
1	3.832	3.832	0.000	5410450	853.0	
1	4.406	4.404	0.002	12782802	1078.9	M
1	4.575	4.575	0.000	4872854	897.2	M
1	5.752	5.752	0.000	8901865	1756.6	M
		Average of Peak Amounts =			1146.6	
2	2.564	2.562	0.002	1916405	883.3	
2	2.961	2.958	0.003	4340713	1030.0	M
2	3.486	3.481	0.005	11056949	1331.8	M
2	3.639	3.636	0.003	3389950	1016.0	M
2	4.121	4.119	0.002	5541933	1483.7	M
		Average of Peak Amounts =			1149.0	
					RPD = 0.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	11.450	11.506	-0.056	7793659	48.8	
2	10.388	10.410	-0.022	7209628	56.8	
					RPD = 14.98	

QC Flag Legend

Review Flags

M - Manually Integrated

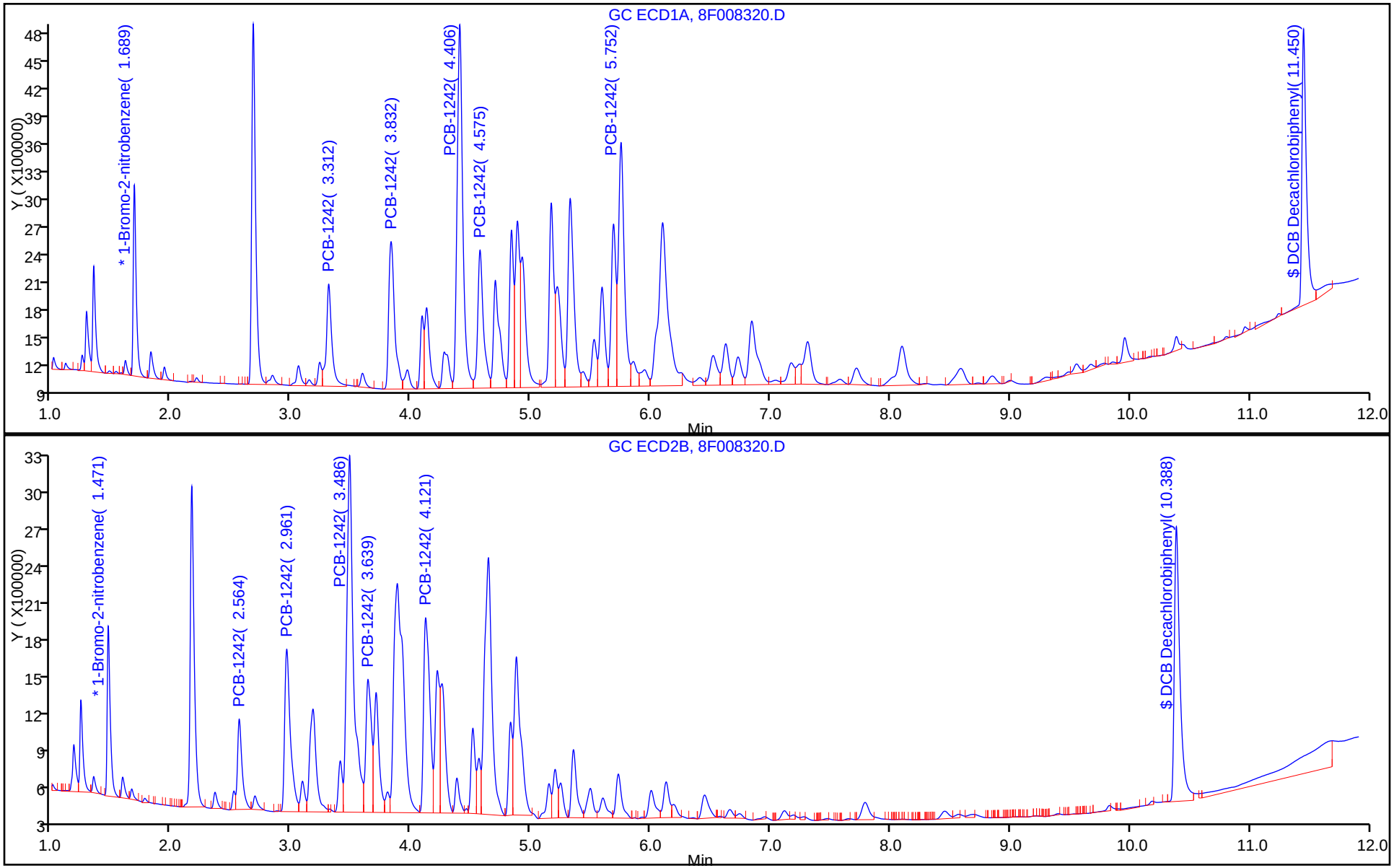
Reagents:

SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D				
Injection Date:	10-Nov-2015 21:50:54	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-A-19-A	Lab Sample ID:	460-104096-19	Worklist Smp#:	25
Client ID:	PMP-7-NW2-0.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



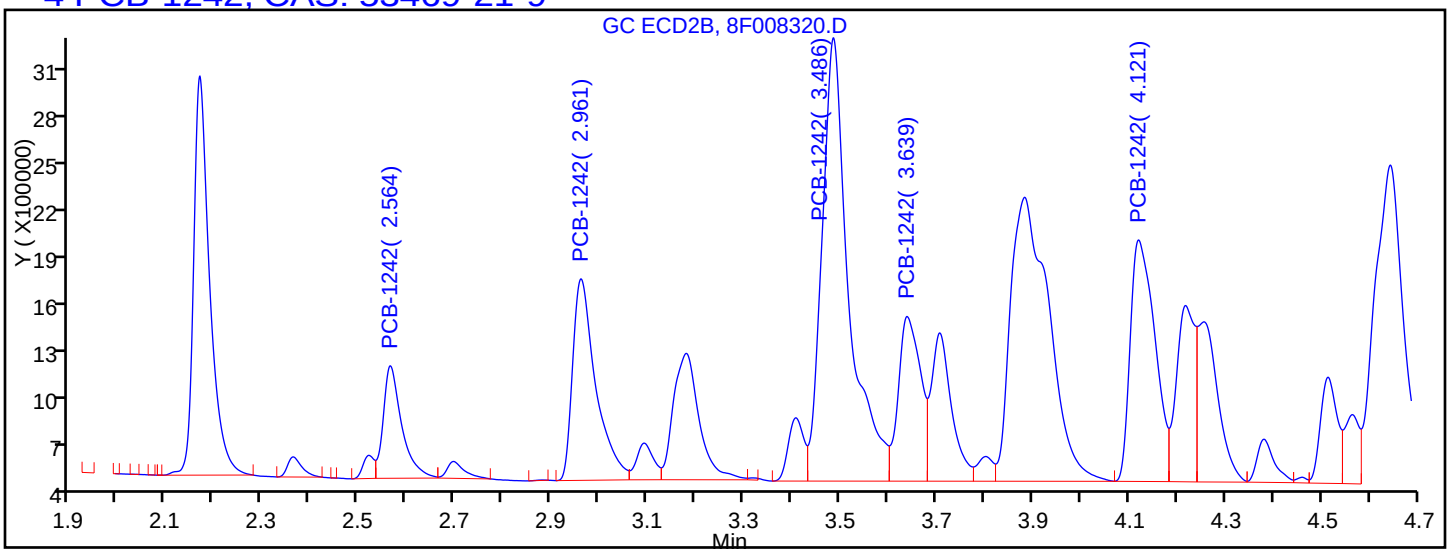
Report Date: 11-Nov-2015 13:12:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008320.D

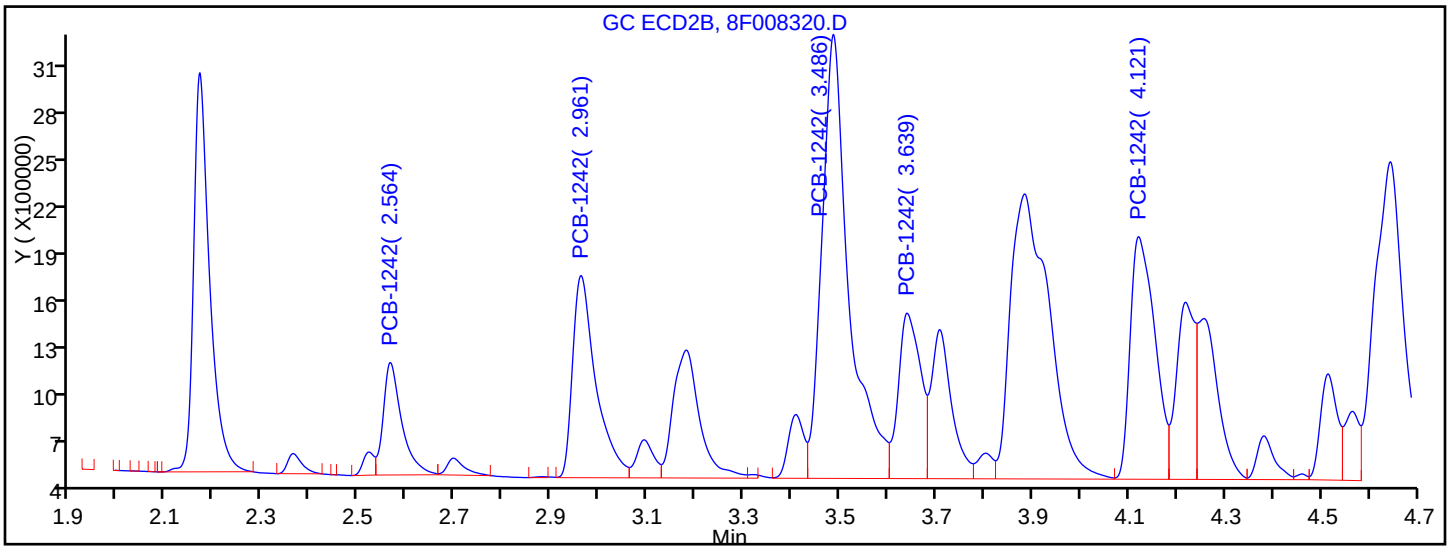
Injection Date:	10-Nov-2015 21:50:54	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-A-19-A	Lab Sample ID:	460-104096-19		
Client ID:	PMP-7-NW2-0.75				
Operator ID:	615	ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.564	Response = 1916405	
RT = 2.961	Response = 4293856	M
RT = 3.486	Response = 11016613	M
RT = 3.639	Response = 3367613	M
RT = 4.121	Response = 5495390	M



Manual Integration Results

RT = 2.564	Response = 1916405	
RT = 2.961	Response = 4340713	M
RT = 3.486	Response = 11056949	M
RT = 3.639	Response = 3389950	M
RT = 4.121	Response = 5541933	M

Reviewer: patelji, 11-Nov-2015 11:37:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV | Lab Sample ID: 460-104096-20

Matrix: Solid | Lab File ID: 8F008354.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:32

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0001(g) | Date Analyzed: 11/11/2015 07:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	1100		700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D
Lims ID: 460-104096-F-20-B Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Sample Type: Client
Inject. Date: 11-Nov-2015 07:25:00 ALS Bottle#: 59 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-059
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 08:47:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3339681	20.0	
2	1.468	1.472	-0.004	2316389	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.312	3.312	0.000	2657350	930.9	
1	3.832	3.832	0.000	12037045	2003.5	
1	4.404	4.404	0.000	22037267	1963.7	
1	4.575	4.575	0.000	8114545	1577.3	
1	5.751	5.752	-0.001	9823059	2046.3	
		Average of Peak Amounts =			1704.3	
2	2.561	2.562	-0.001	1944764	939.1	
2	2.958	2.958	0.000	9244253	2298.2	
2	3.481	3.481	0.000	18460399	2329.6	
2	3.636	3.636	0.000	5850017	1836.9	
2	4.118	4.119	-0.001	7269650	2039.0	
		Average of Peak Amounts =			1888.6	
					RPD = 10.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.309	7.241	0.068	2576577	223.7	
1	7.714	7.717	-0.003	1857688	137.8	
1	9.553	9.557	-0.004	1061543	134.1	M
1	9.965	9.969	-0.004	2717550	144.1	M
1	10.990	11.001	-0.011	611845	126.7	
		Average of Peak Amounts =			153.3	
2	5.597	5.599	-0.002	1092128	126.4	
2	7.110	7.113	-0.003	930401	126.9	M
2	7.783	7.786	-0.003	2092679	128.1	M
2	8.447	8.451	-0.004	958069	108.3	
2	9.833	9.836	-0.003	472713	135.0	
		Average of Peak Amounts =			125.0	
					RPD = 20.37	
$ 11 DCB Decachlorobiphenyl						M
1	11.491	11.444	0.047	803525	5.32	M
2	10.403	10.385	0.018	746730	6.16	M
					RPD = 14.68	

QC Flag Legend

Review Flags

M - Manually Integrated

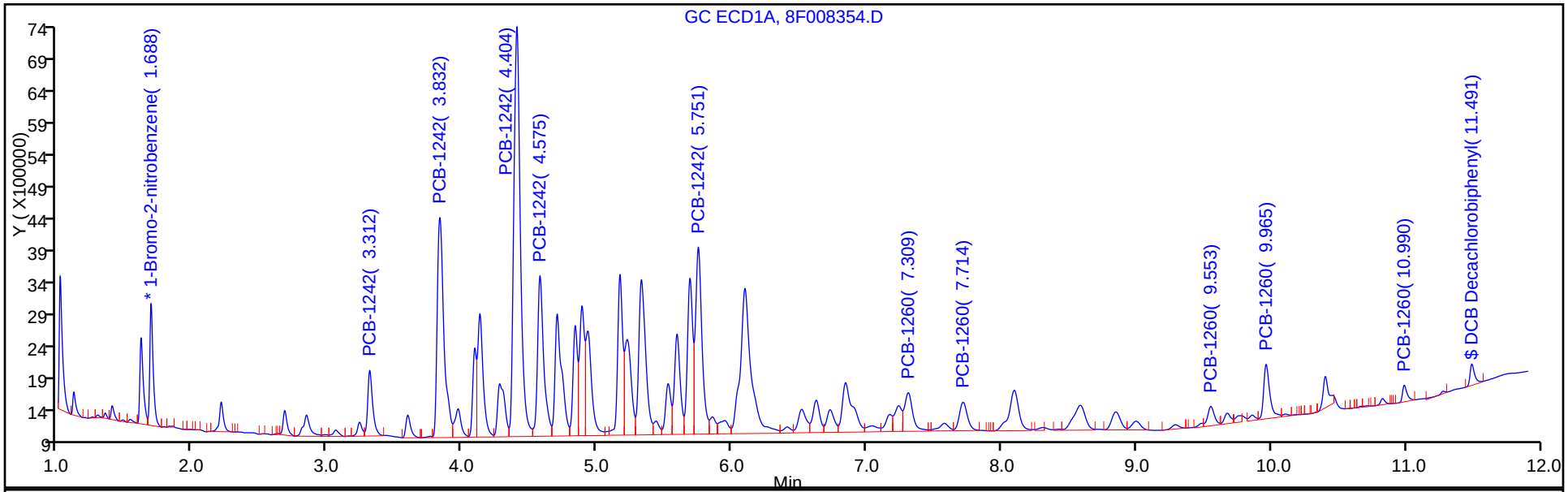
Reagents:

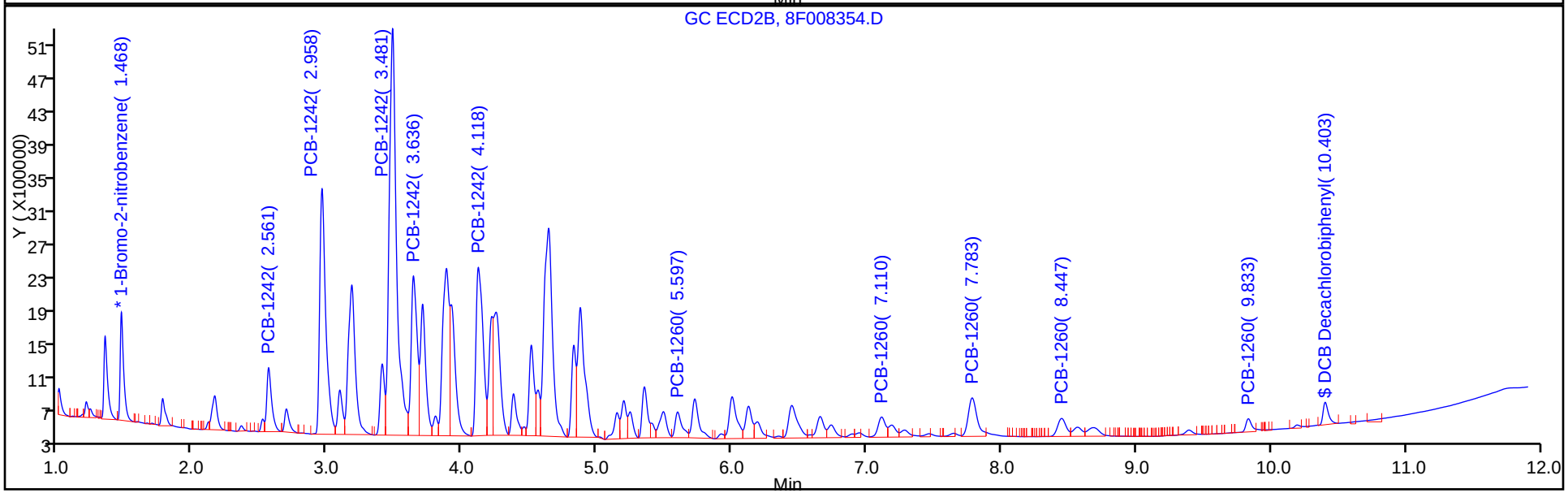
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D				
Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20	Worklist Smp#:	59
Client ID:	PMP-7-NW2-DV				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	59
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

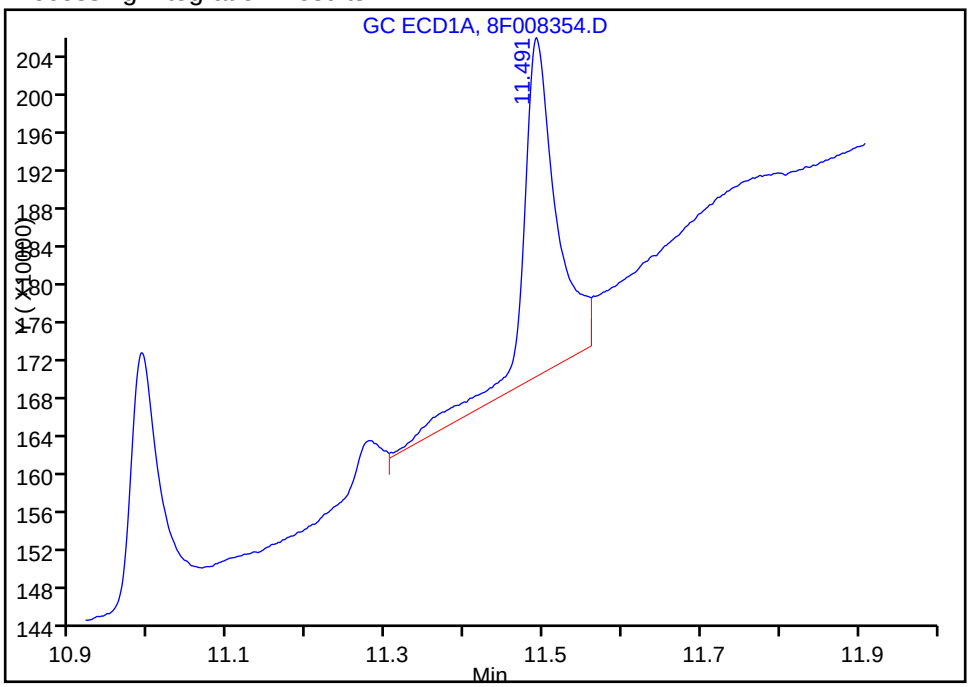
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D				
Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:	615	ALS Bottle#:	59	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

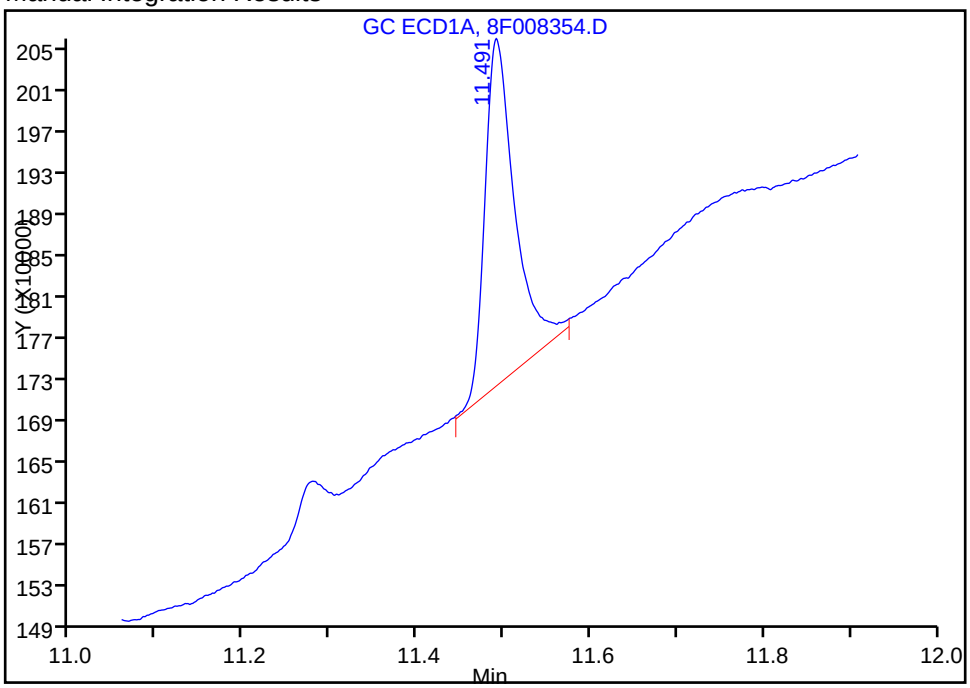
Processing Integration Results

RT: 11.49
Area: 1085992
Amount: 7.185463
Amount Units: ug/l



Manual Integration Results

RT: 11.49
Area: 803525
Amount: 5.316521
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:54:17
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

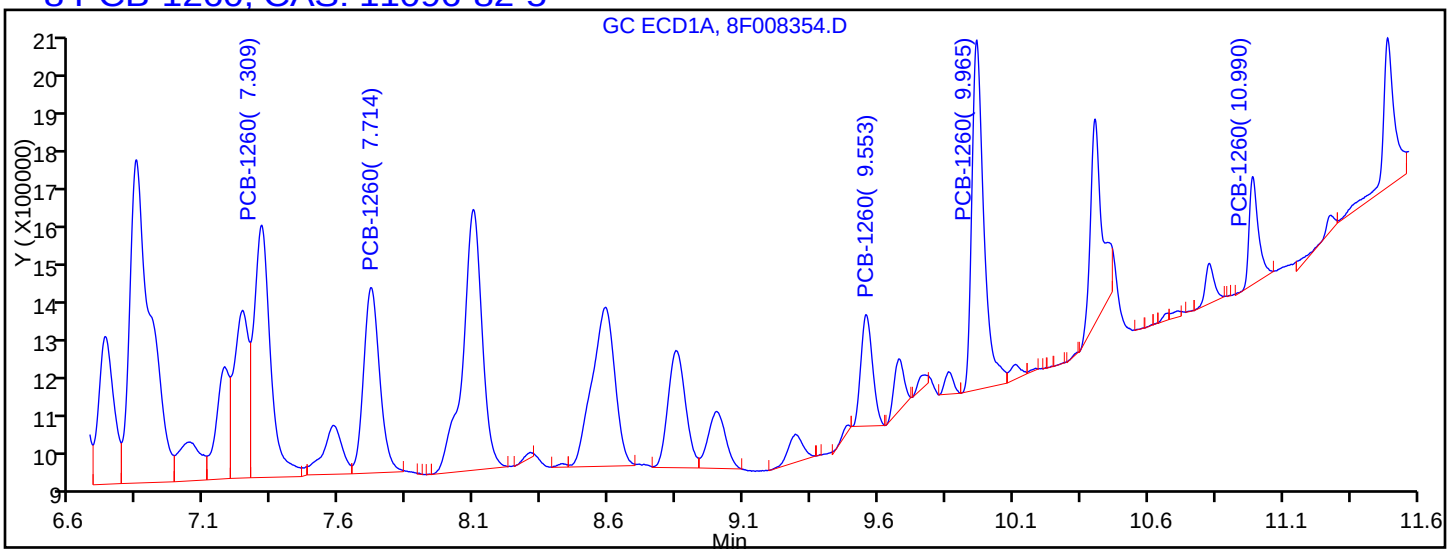
Report Date: 11-Nov-2015 13:13:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D

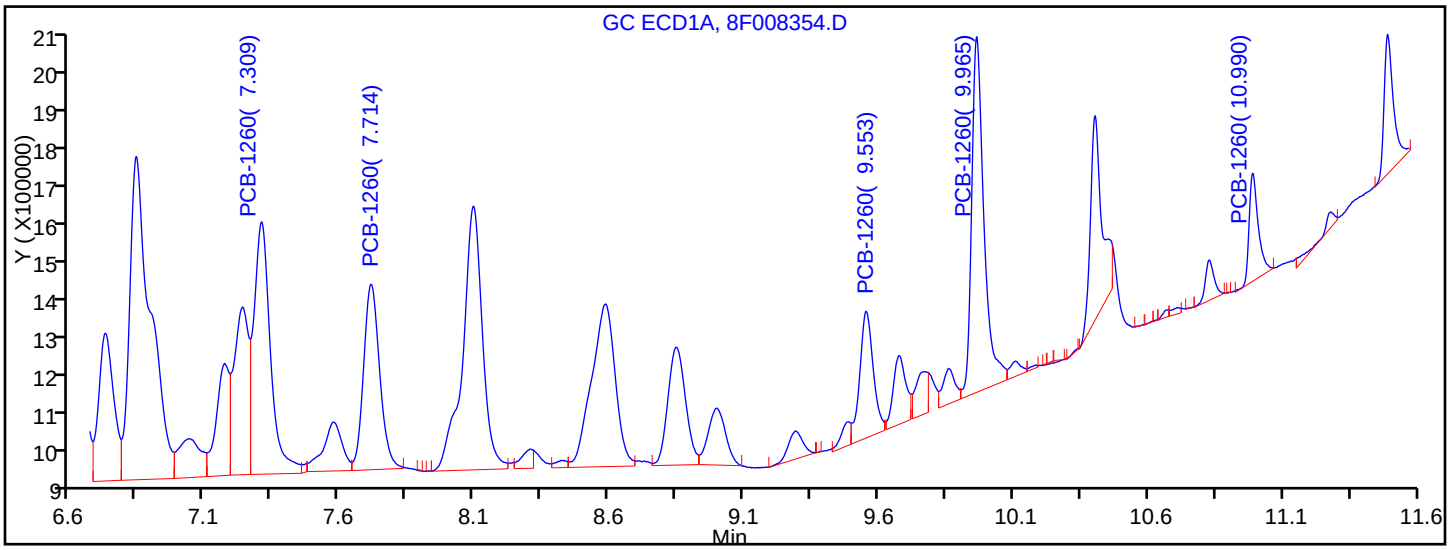
Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:	615	ALS Bottle#:	59	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.309	Response = 2576577	M
RT = 7.714	Response = 1857688	
RT = 9.553	Response = 802096	M
RT = 9.965	Response = 2606588	M
RT = 10.990	Response = 611845	



Manual Integration Results

RT = 7.309	Response = 2576577	M
RT = 7.714	Response = 1857688	
RT = 9.553	Response = 1061543	M
RT = 9.965	Response = 2717550	M
RT = 10.990	Response = 611845	

Reviewer: patelji, 11-Nov-2015 12:54:17

Audit Action: Marked Compound Undetected

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV | Lab Sample ID: 460-104096-20

Matrix: Solid | Lab File ID: 8F008354.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:32

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0001(g) | Date Analyzed: 11/11/2015 07:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	93	U	700	93
11104-28-2	Aroclor 1221	93	U	700	93
11141-16-5	Aroclor 1232	93	U	700	93
53469-21-9	Aroclor 1242	13000		700	93
12672-29-6	Aroclor 1248	93	U	700	93
11097-69-1	Aroclor 1254	96	U	700	96
37324-23-5	Aroclor 1262	96	U	700	96
11100-14-4	Aroclor 1268	96	U	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D
Lims ID: 460-104096-F-20-B Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Sample Type: Client
Inject. Date: 11-Nov-2015 07:25:00 ALS Bottle#: 59 Worklist Smp#: 59
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034065-059
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 08:47:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.688	1.689	-0.001	3339681	20.0	
2	1.468	1.472	-0.004	2316389	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.312	3.312	0.000	2657350	930.9	
1	3.832	3.832	0.000	12037045	2003.5	
1	4.404	4.404	0.000	22037267	1963.7	
1	4.575	4.575	0.000	8114545	1577.3	
1	5.751	5.752	-0.001	9823059	2046.3	
		Average of Peak Amounts =			1704.3	
2	2.561	2.562	-0.001	1944764	939.1	
2	2.958	2.958	0.000	9244253	2298.2	
2	3.481	3.481	0.000	18460399	2329.6	
2	3.636	3.636	0.000	5850017	1836.9	
2	4.118	4.119	-0.001	7269650	2039.0	
		Average of Peak Amounts =			1888.6	
					RPD = 10.25	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	7.309	7.241	0.068	2576577	223.7	
1	7.714	7.717	-0.003	1857688	137.8	
1	9.553	9.557	-0.004	1061543	134.1	M
1	9.965	9.969	-0.004	2717550	144.1	M
1	10.990	11.001	-0.011	611845	126.7	
		Average of Peak Amounts =			153.3	
2	5.597	5.599	-0.002	1092128	126.4	
2	7.110	7.113	-0.003	930401	126.9	M
2	7.783	7.786	-0.003	2092679	128.1	M
2	8.447	8.451	-0.004	958069	108.3	
2	9.833	9.836	-0.003	472713	135.0	
		Average of Peak Amounts =			125.0	
					RPD = 20.37	
$ 11 DCB Decachlorobiphenyl						M
1	11.491	11.444	0.047	803525	5.32	M
2	10.403	10.385	0.018	746730	6.16	M
					RPD = 14.68	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

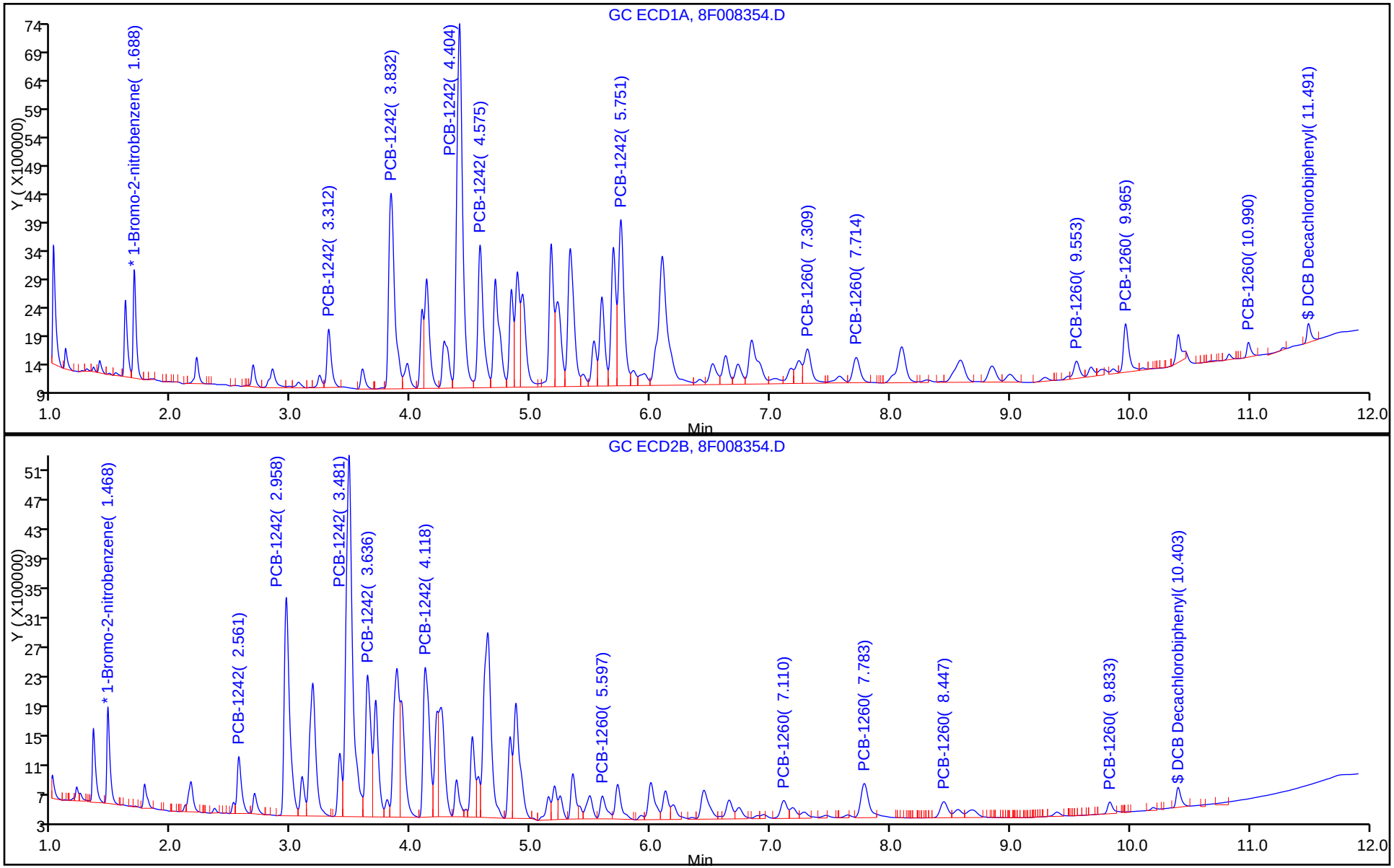
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:13:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D

Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20	Worklist Smp#:	59
Client ID:	PMP-7-NW2-DV				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	59
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

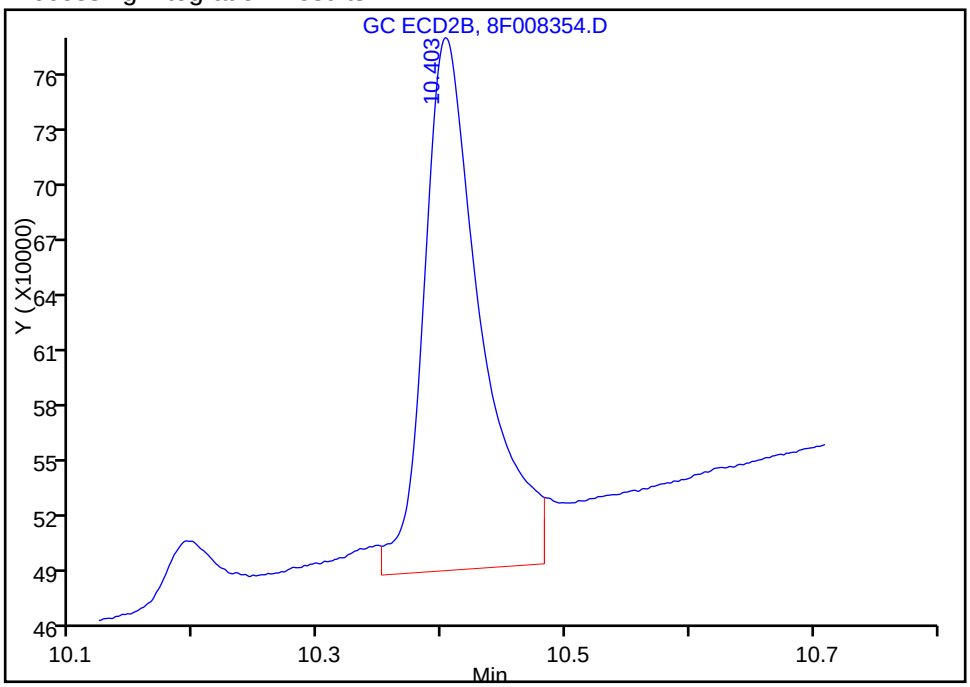
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D				
Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:	615	ALS Bottle#:	59	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

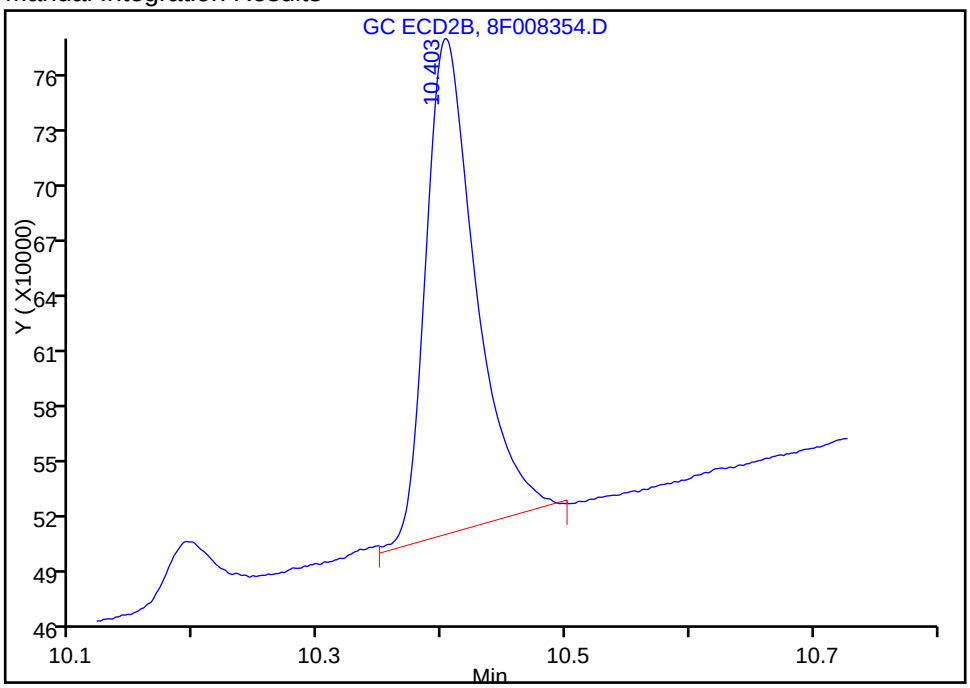
Processing Integration Results

RT: 10.40
Area: 917696
Amount: 7.568906
Amount Units: ug/l



Manual Integration Results

RT: 10.40
Area: 746730
Amount: 6.158825
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 12:54:17
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

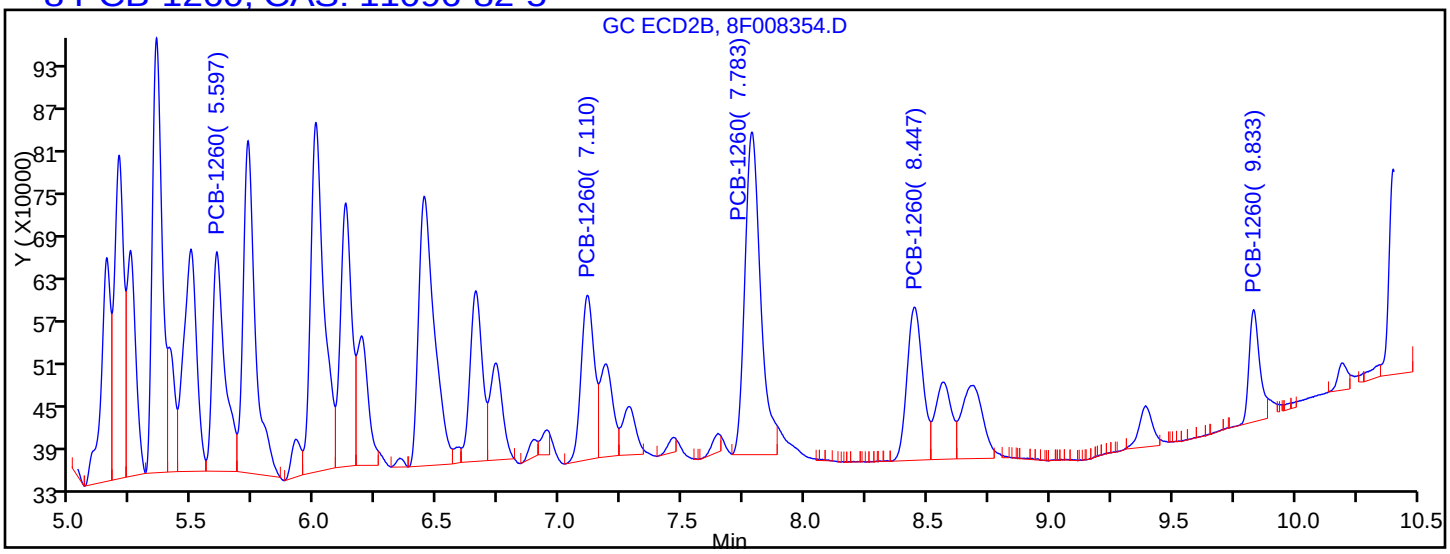
Report Date: 11-Nov-2015 13:13:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008354.D

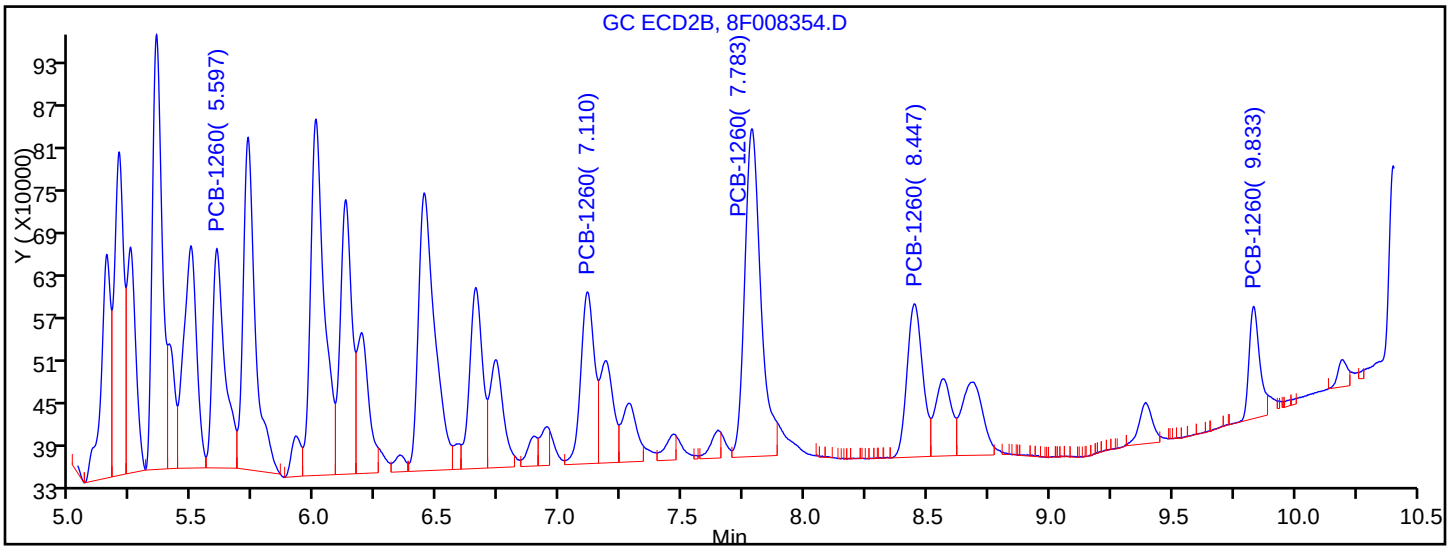
Injection Date:	11-Nov-2015 07:25:00	Instrument ID:	CPESTGC8		
Lims ID:	460-104096-F-20-B	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:	615	ALS Bottle#:	59	Worklist Smp#:	59
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.597	Response = 1092128	
RT = 7.110	Response = 856631	M
RT = 7.783	Response = 2013802	M
RT = 8.447	Response = 958069	
RT = 9.833	Response = 472713	



Manual Integration Results

RT = 5.597	Response = 1092128	
RT = 7.110	Response = 930401	M
RT = 7.783	Response = 2092679	M
RT = 8.447	Response = 958069	
RT = 9.833	Response = 472713	

Reviewer: patelji, 11-Nov-2015 12:54:17

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 | Lab Sample ID: 460-104096-21

Matrix: Solid | Lab File ID: VR504455.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:34

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0058(g) | Date Analyzed: 11/11/2015 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	6800		730	97

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D
Lims ID: 460-104096-E-21-B Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Sample Type: Client
Inject. Date: 11-Nov-2015 09:22:05 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:00:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.644	1.640	0.004	1190133	20.0	
2	1.423	1.420	0.003	2248560	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.234	3.242	-0.008	391076	441.4	
1	3.750	3.756	-0.006	1868522	989.2	
1	4.316	4.321	-0.005	3503753	1123.2	
1	4.482	4.491	-0.009	1185273	840.1	
1	5.609	5.613	-0.004	1572524	1260.3	
		Average of Peak Amounts =			930.8	
2	2.496	2.506	-0.010	725356	406.6	
2	2.889	2.897	-0.008	3143440	877.1	
2	3.411	3.418	-0.007	6908095	959.2	M
2	3.564	3.572	-0.008	1995377	732.7	M
2	4.043	4.052	-0.009	3469539	1177.0	M
		Average of Peak Amounts =			830.5	
					RPD = 11.39	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.152	10.147	0.005	366517	6.92	M
2	9.241	9.235	0.006	785348	6.82	M
					RPD = 1.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

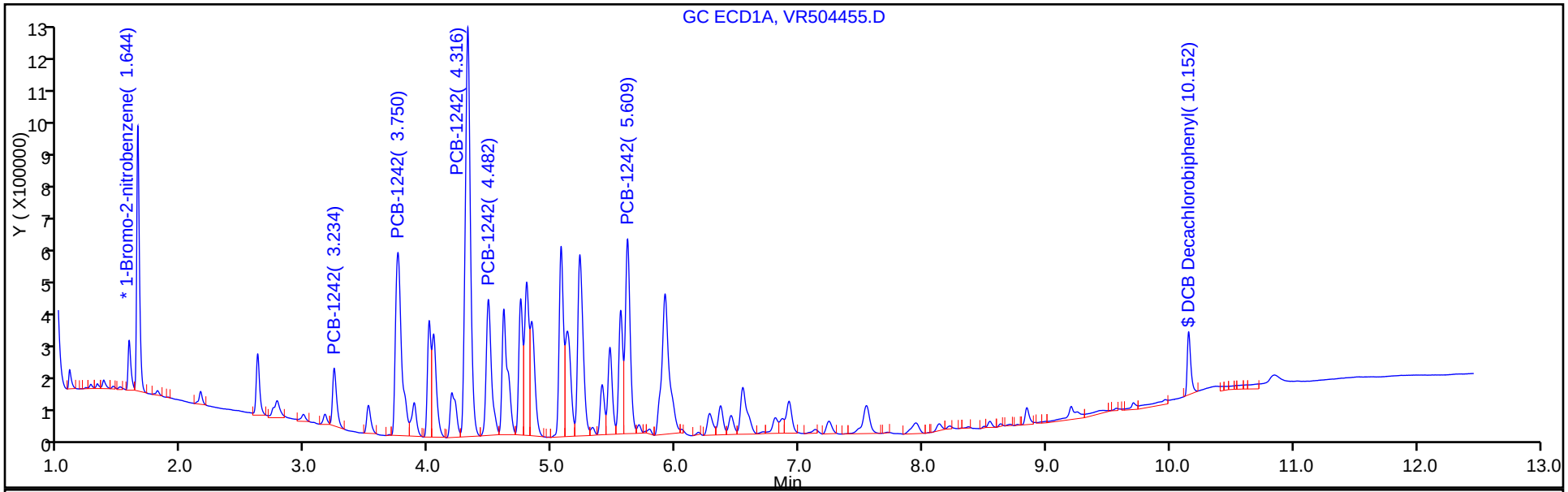
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

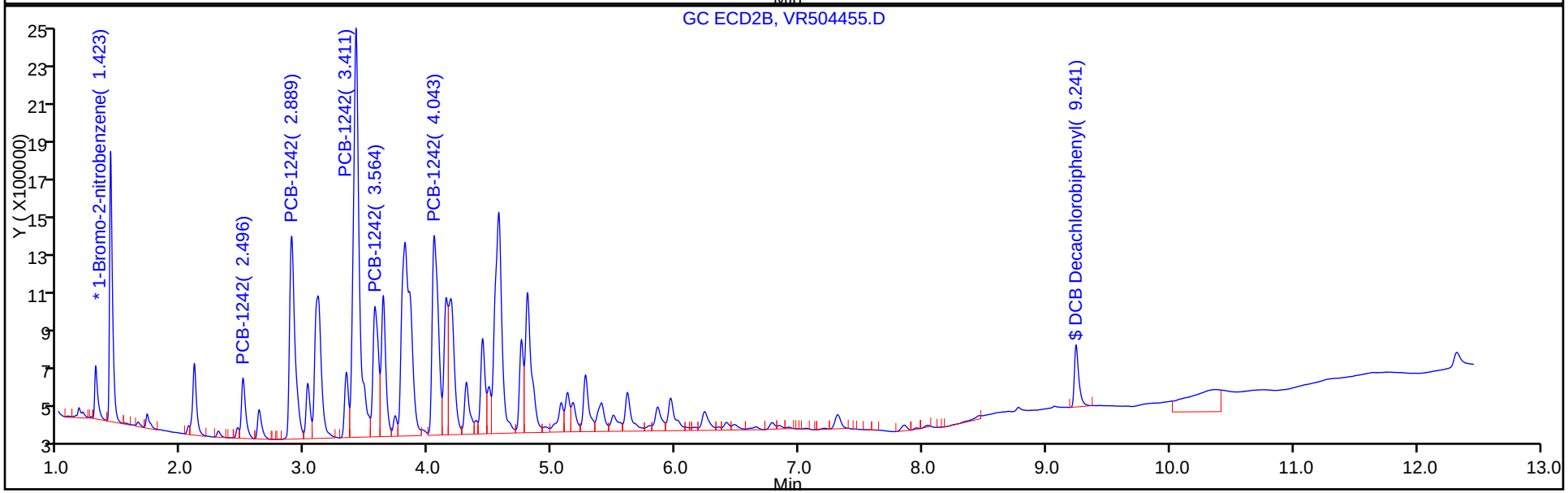
Report Date: 11-Nov-2015 15:56:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D

Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21	Worklist Smp#:	3
Client ID:	PMP-7-NW2-5.25				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

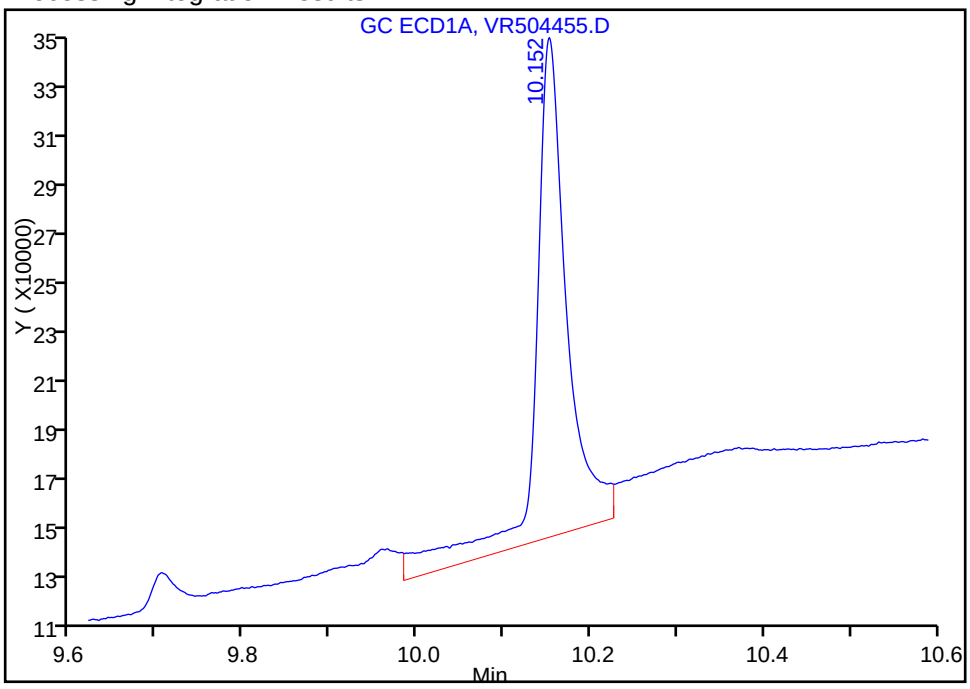
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D				
Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

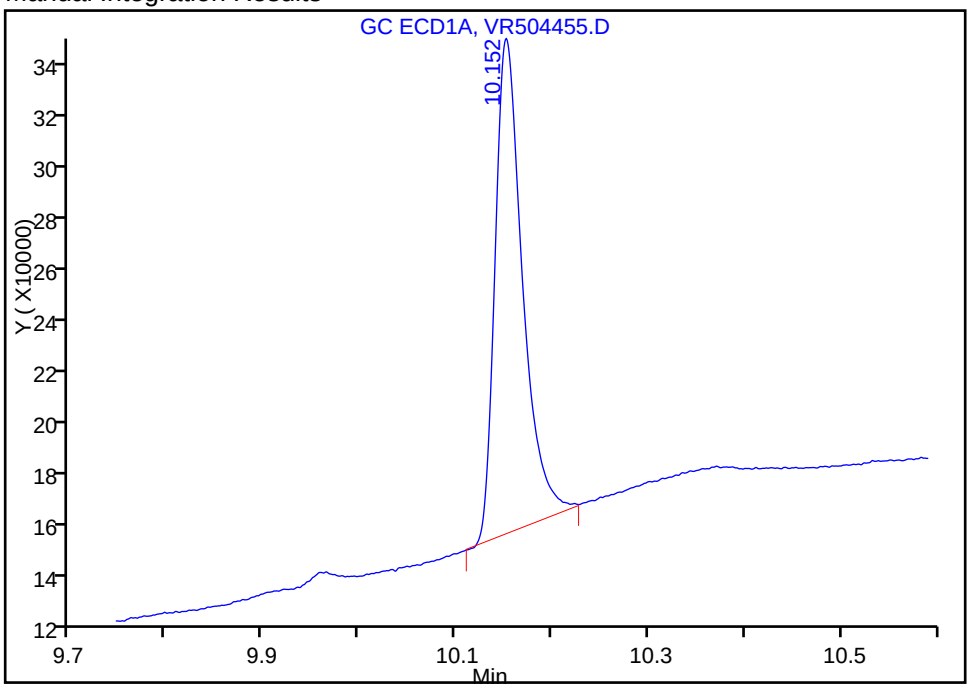
Processing Integration Results

RT: 10.15
Area: 499995
Amount: 9.443756
Amount Units: ug/l



Manual Integration Results

RT: 10.15
Area: 366517
Amount: 6.922664
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:30:07
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 | Lab Sample ID: 460-104096-21

Matrix: Solid | Lab File ID: VR504455.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:34

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0058(g) | Date Analyzed: 11/11/2015 09:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	97	U	730	97
11104-28-2	Aroclor 1221	97	U	730	97
11141-16-5	Aroclor 1232	97	U	730	97
12672-29-6	Aroclor 1248	97	U	730	97
11097-69-1	Aroclor 1254	100	U	730	100
11096-82-5	Aroclor 1260	100	U	730	100
37324-23-5	Aroclor 1262	100	U	730	100
11100-14-4	Aroclor 1268	100	U	730	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D
Lims ID: 460-104096-E-21-B Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Sample Type: Client
Inject. Date: 11-Nov-2015 09:22:05 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:00:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.644	1.640	0.004	1190133	20.0	
2	1.423	1.420	0.003	2248560	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.234	3.242	-0.008	391076	441.4	
1	3.750	3.756	-0.006	1868522	989.2	
1	4.316	4.321	-0.005	3503753	1123.2	
1	4.482	4.491	-0.009	1185273	840.1	
1	5.609	5.613	-0.004	1572524	1260.3	
		Average of Peak Amounts =			930.8	
2	2.496	2.506	-0.010	725356	406.6	
2	2.889	2.897	-0.008	3143440	877.1	
2	3.411	3.418	-0.007	6908095	959.2	M
2	3.564	3.572	-0.008	1995377	732.7	M
2	4.043	4.052	-0.009	3469539	1177.0	M
		Average of Peak Amounts =			830.5	
					RPD = 11.39	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.152	10.147	0.005	366517	6.92	M
2	9.241	9.235	0.006	785348	6.82	M
					RPD = 1.51	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

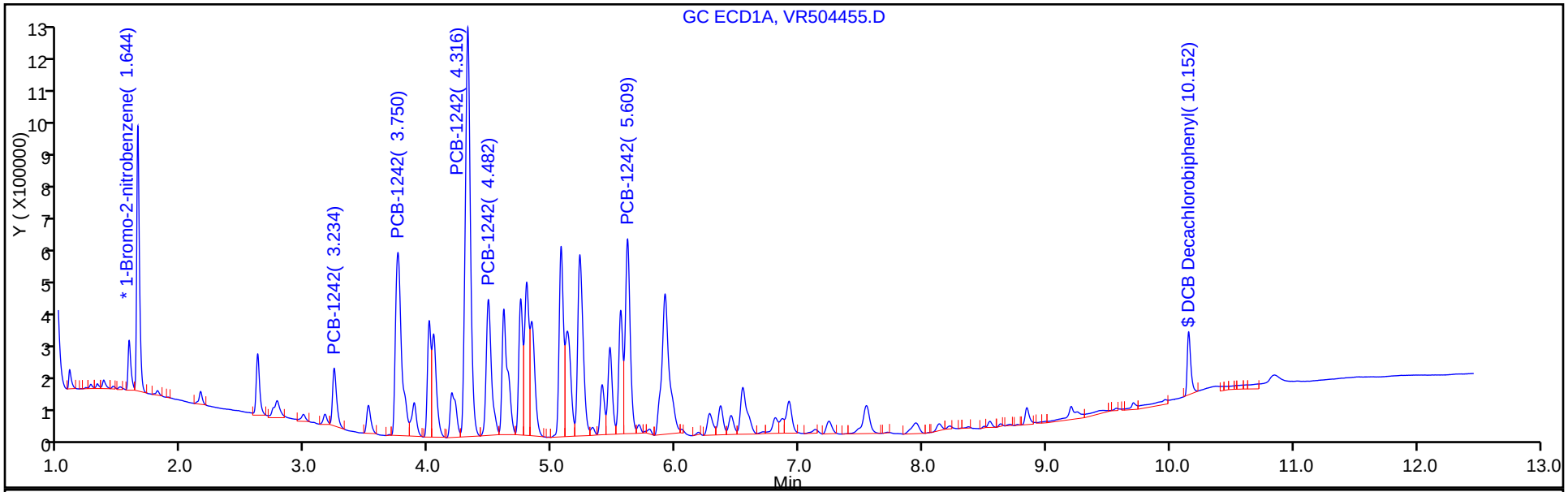
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

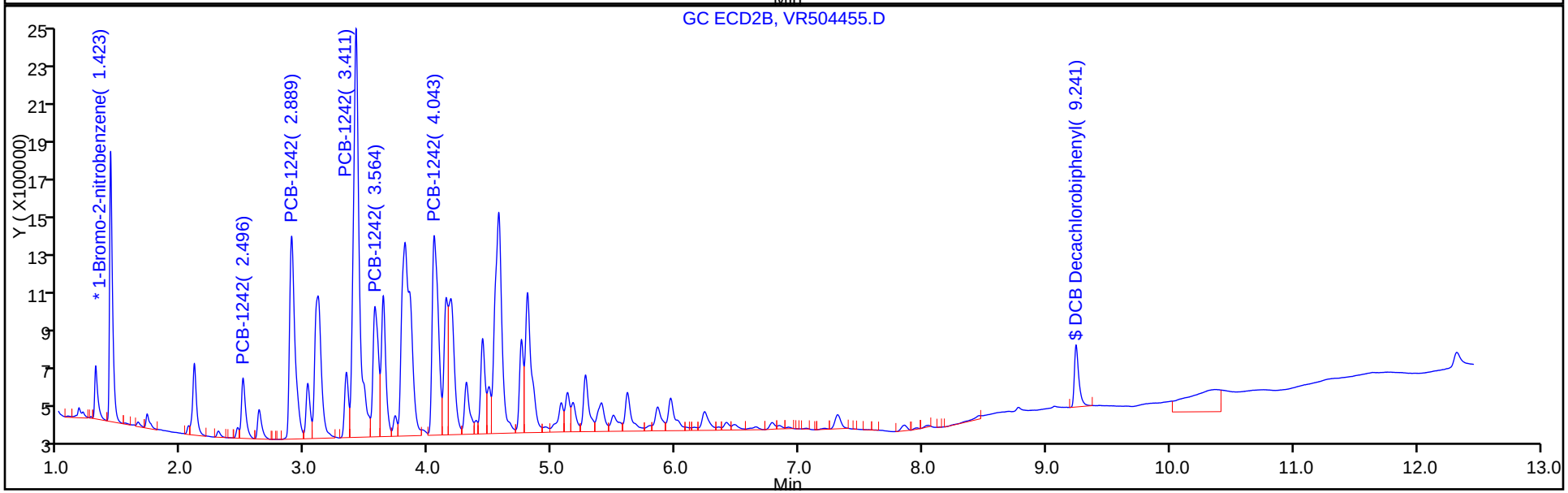
Report Date: 11-Nov-2015 15:56:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D

Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21	Worklist Smp#:	3
Client ID:	PMP-7-NW2-5.25				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

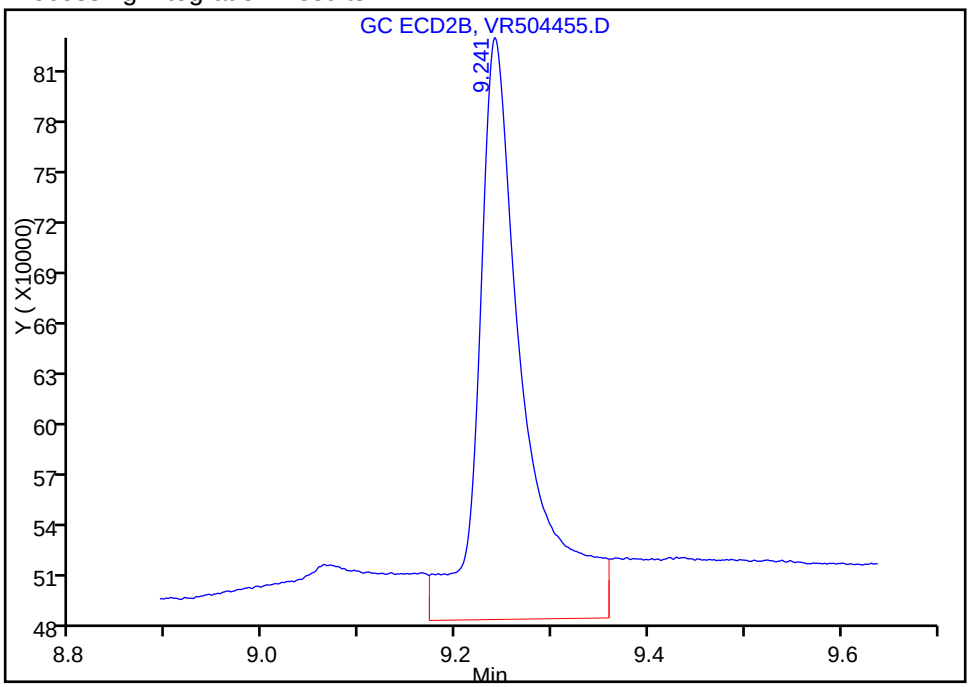
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D				
Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

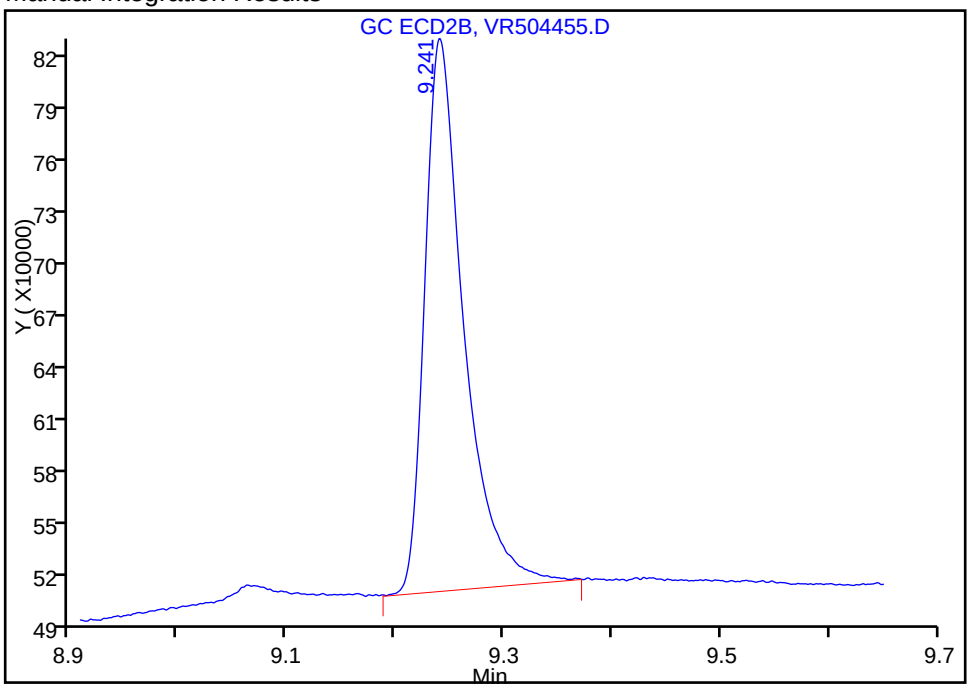
Processing Integration Results

RT: 9.24
Area: 1117126
Amount: 9.699556
Amount Units: ug/l



Manual Integration Results

RT: 9.24
Area: 785348
Amount: 6.818861
Amount Units: ug/l



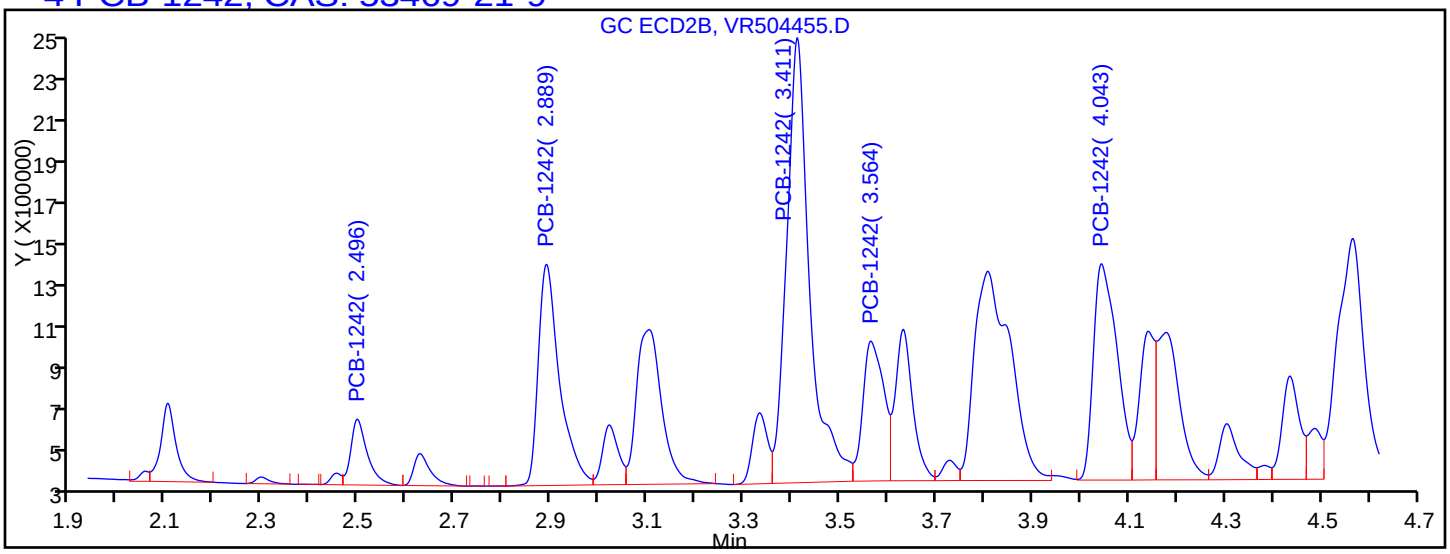
Reviewer: patelji, 11-Nov-2015 10:30:07
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D

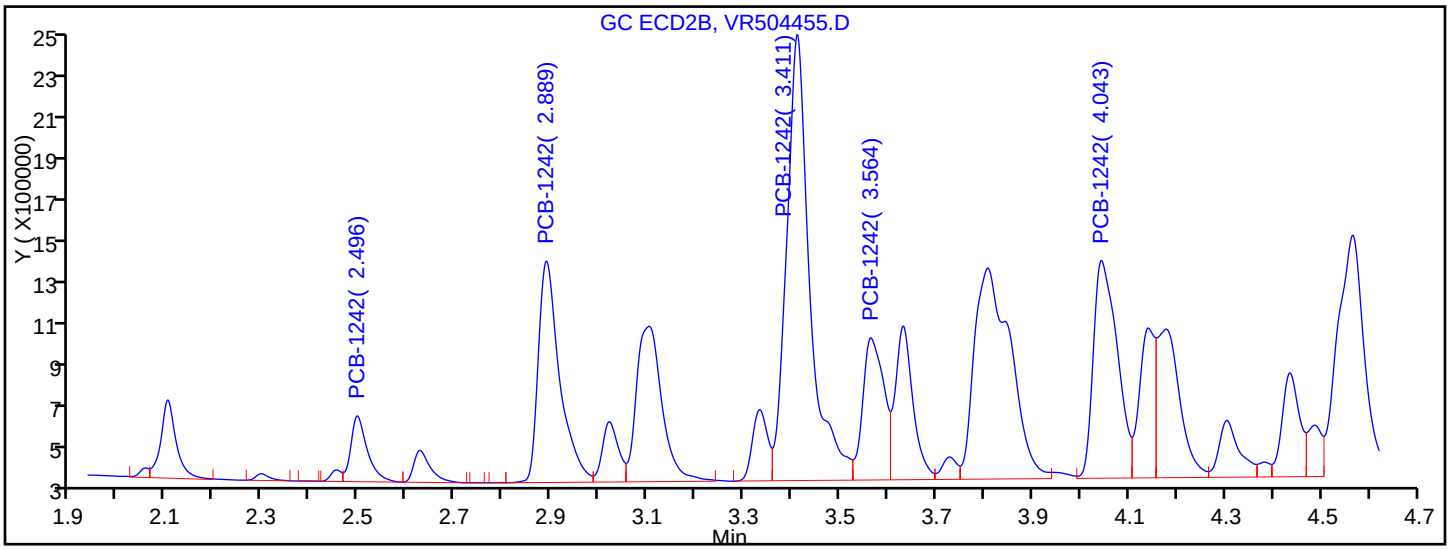
Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21
Client ID:	PMP-7-NW2-5.25		
Operator ID:	615	ALS Bottle#:	3 Worklist Smp#: 3
Injection Vol:	1.0 ul	Dil. Factor:	10.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.496	Response = 725356	
RT = 2.889	Response = 3143440	
RT = 3.411	Response = 6842871	M
RT = 3.564	Response = 1945844	M
RT = 4.043	Response = 3424523	M



Manual Integration Results

RT = 2.496	Response = 725356	
RT = 2.889	Response = 3143440	
RT = 3.411	Response = 6908095	M
RT = 3.564	Response = 1995377	M
RT = 4.043	Response = 3469539	M

Reviewer: patelji, 11-Nov-2015 10:30:07
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

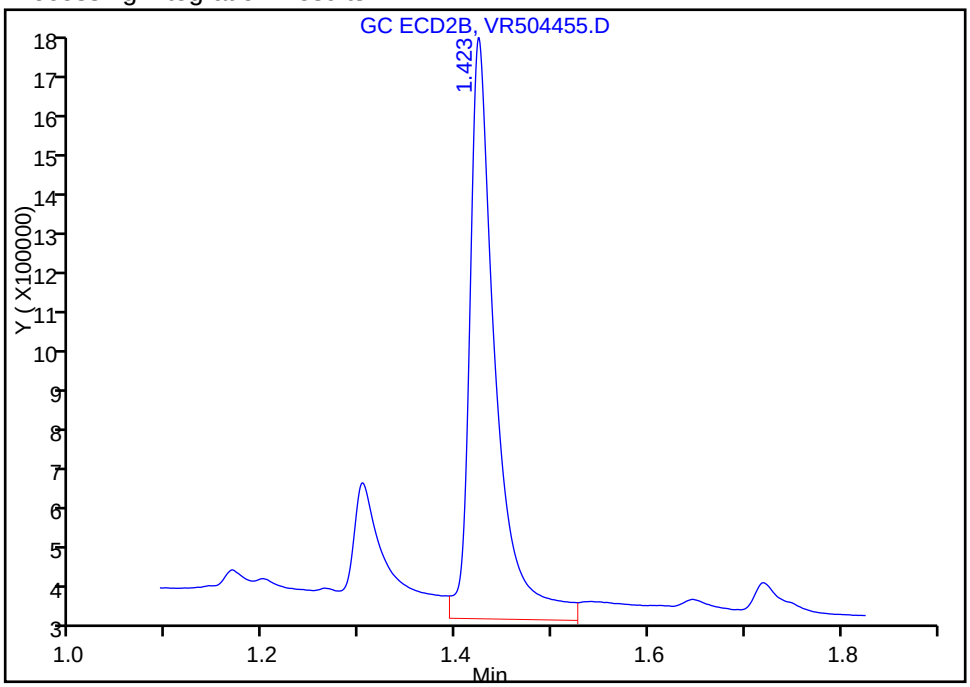
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504455.D				
Injection Date:	11-Nov-2015 09:22:05	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-21-B	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

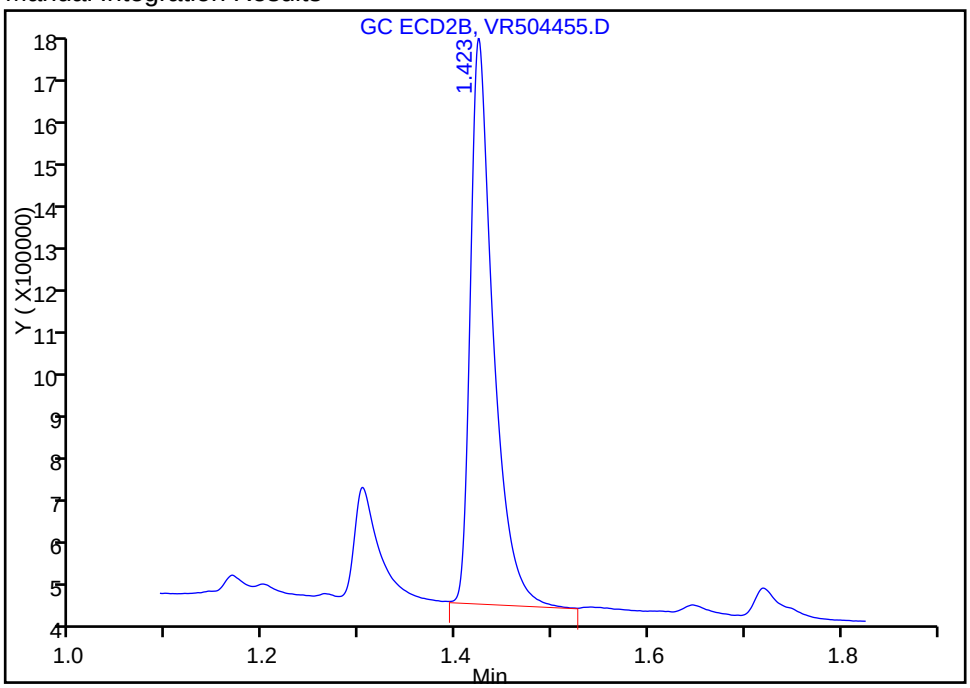
Processing Integration Results

RT: 1.42
Area: 2618496
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 2248560
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:30:07
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT | Lab Sample ID: 460-104096-22

Matrix: Solid | Lab File ID: VR504456.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:21

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0046(g) | Date Analyzed: 11/11/2015 09:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D
Lims ID: 460-104096-E-22-B Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 09:37:50 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034109-004
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:30:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.639	1.640	-0.001	1800285	20.0	M
2	1.427	1.420	0.007	2611858	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.227	3.242	-0.015	2304916	1719.9	
1	3.741	3.756	-0.015	5010343	1753.5	M
1	4.306	4.321	-0.015	8478829	1796.8	M
1	4.475	4.491	-0.016	3768735	1765.8	M
1	5.602	5.613	-0.011	3449597	1827.7	M
		Average of Peak Amounts =			1772.7	
2	2.499	2.506	-0.007	4002946	1931.9	
2	2.892	2.897	-0.005	7413741	1780.9	
2	3.413	3.418	-0.005	14987434	1791.7	M
2	3.566	3.572	-0.006	5798960	1833.3	M
2	4.046	4.052	-0.006	6022894	1758.9	M
		Average of Peak Amounts =			1819.3	
					RPD = 2.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

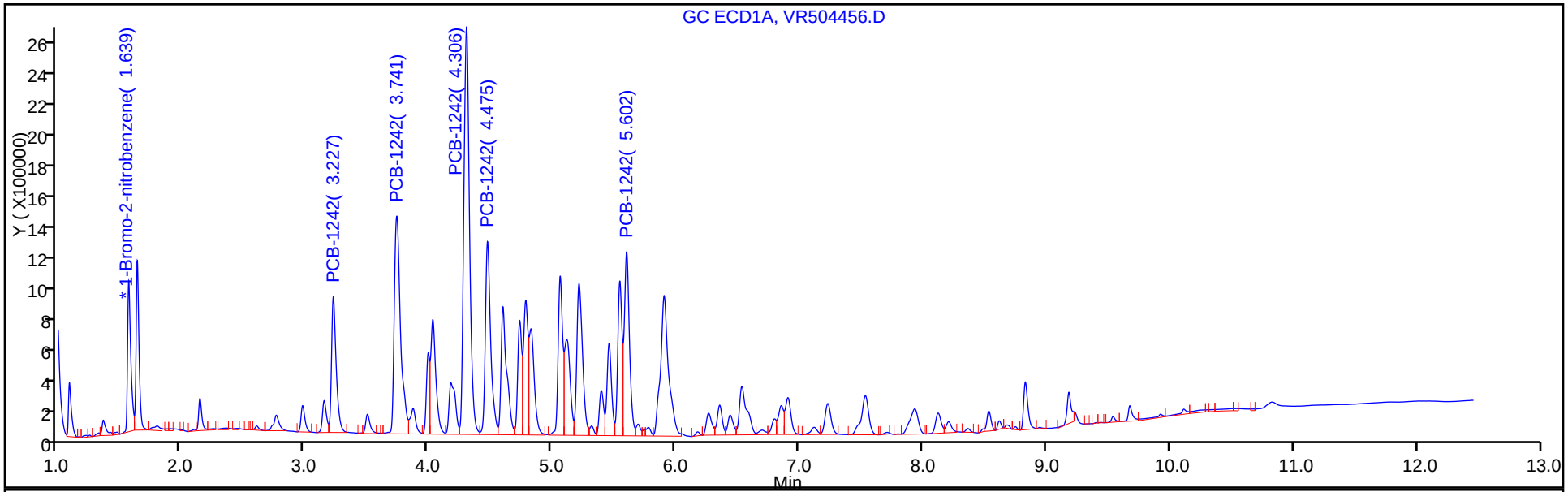
Reagents:

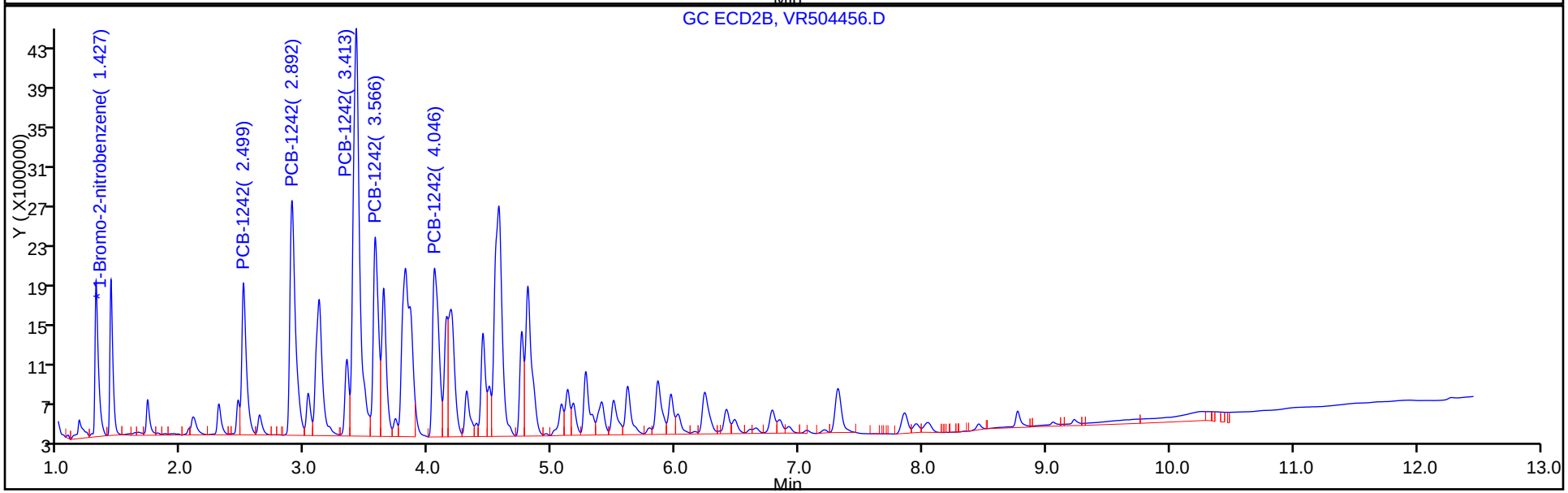
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:56:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D				
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22	Worklist Smp#:	4
Client ID:	PMP-7-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





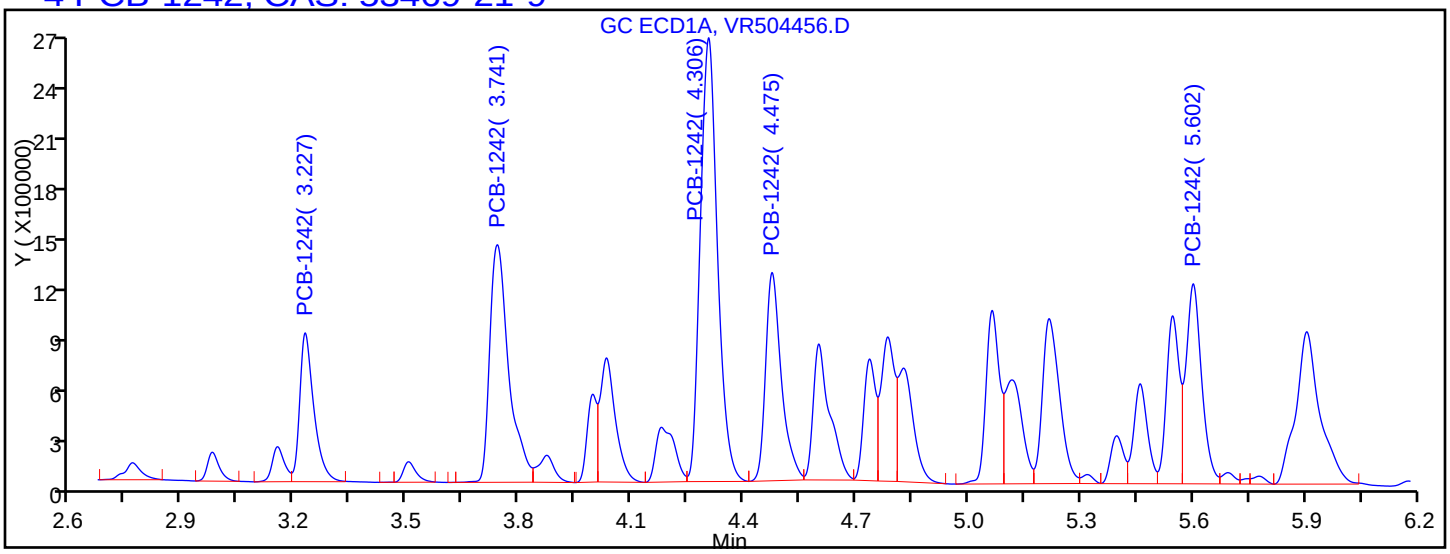
Report Date: 11-Nov-2015 15:56:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D

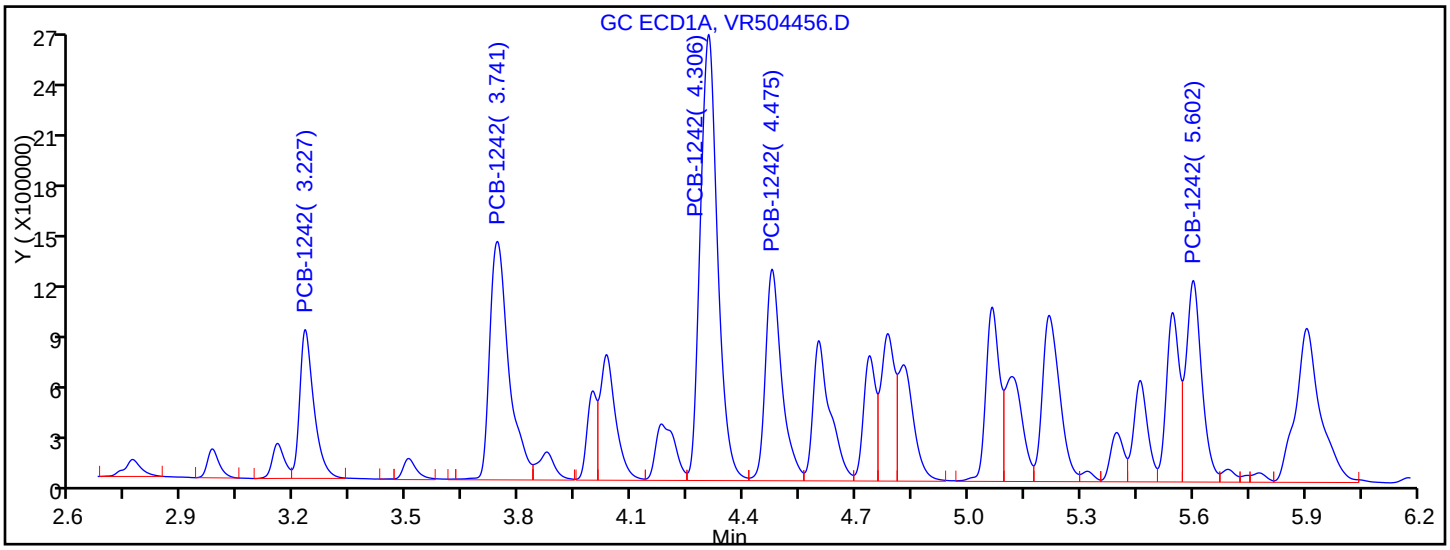
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.227	Response = 2304916	
RT = 3.741	Response = 4947853	M
RT = 4.306	Response = 8342803	M
RT = 4.475	Response = 3593896	M
RT = 5.602	Response = 3396569	M



Manual Integration Results

RT = 3.227	Response = 2304916	
RT = 3.741	Response = 5010343	M
RT = 4.306	Response = 8478829	M
RT = 4.475	Response = 3768735	M
RT = 5.602	Response = 3449597	M

Reviewer: patelji, 11-Nov-2015 10:30:43

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

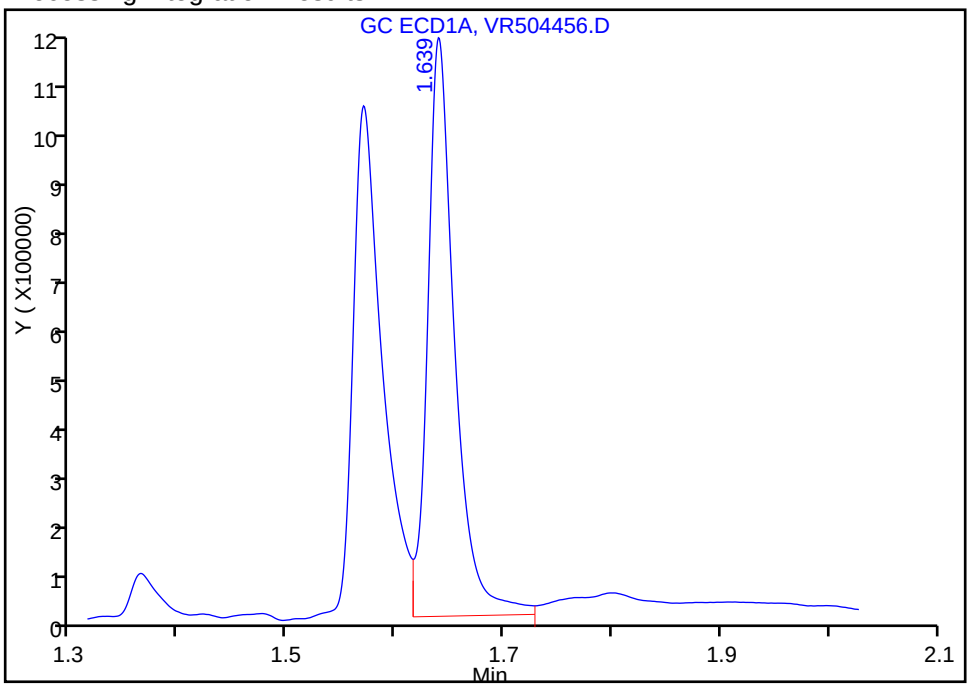
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D				
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

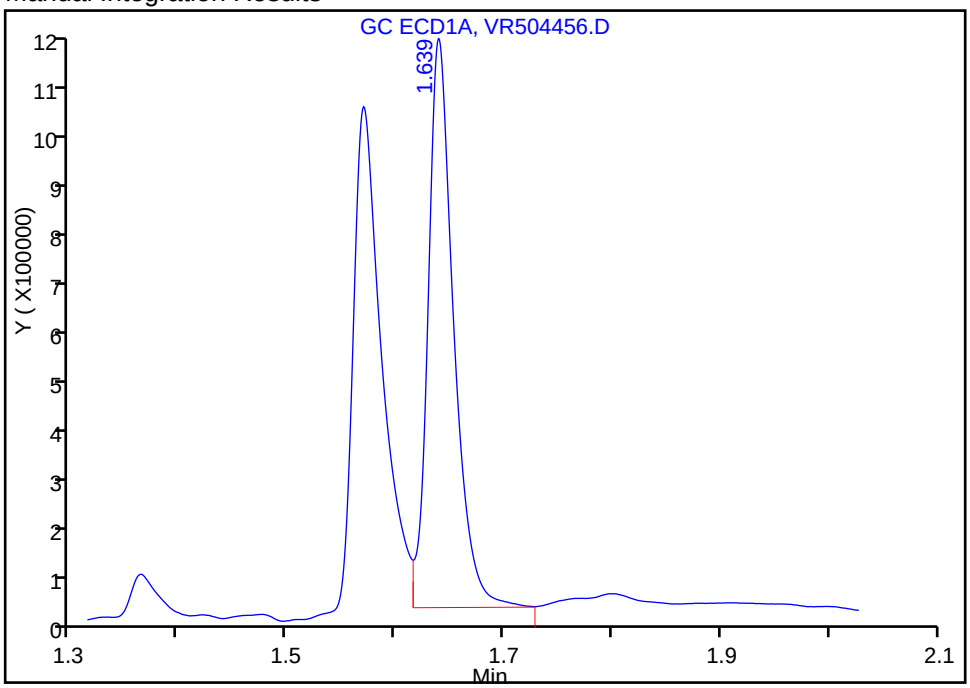
Processing Integration Results

RT: 1.64
Area: 1916864
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1800285
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:30:43
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT | Lab Sample ID: 460-104096-22

Matrix: Solid | Lab File ID: VR504456.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:21

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0046(g) | Date Analyzed: 11/11/2015 09:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	980	U	7400	980
11104-28-2	Aroclor 1221	980	U	7400	980
11141-16-5	Aroclor 1232	980	U	7400	980
53469-21-9	Aroclor 1242	130000		7400	980
12672-29-6	Aroclor 1248	980	U	7400	980
11097-69-1	Aroclor 1254	1000	U	7400	1000
11096-82-5	Aroclor 1260	1000	U	7400	1000
37324-23-5	Aroclor 1262	1000	U	7400	1000
11100-14-4	Aroclor 1268	1000	U	7400	1000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D
Lims ID: 460-104096-E-22-B Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 09:37:50 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034109-004
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:30:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.639	1.640	-0.001	1800285	20.0	M
2	1.427	1.420	0.007	2611858	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.227	3.242	-0.015	2304916	1719.9	
1	3.741	3.756	-0.015	5010343	1753.5	M
1	4.306	4.321	-0.015	8478829	1796.8	M
1	4.475	4.491	-0.016	3768735	1765.8	M
1	5.602	5.613	-0.011	3449597	1827.7	M
		Average of Peak Amounts =			1772.7	
2	2.499	2.506	-0.007	4002946	1931.9	
2	2.892	2.897	-0.005	7413741	1780.9	
2	3.413	3.418	-0.005	14987434	1791.7	M
2	3.566	3.572	-0.006	5798960	1833.3	M
2	4.046	4.052	-0.006	6022894	1758.9	M
		Average of Peak Amounts =			1819.3	
					RPD = 2.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

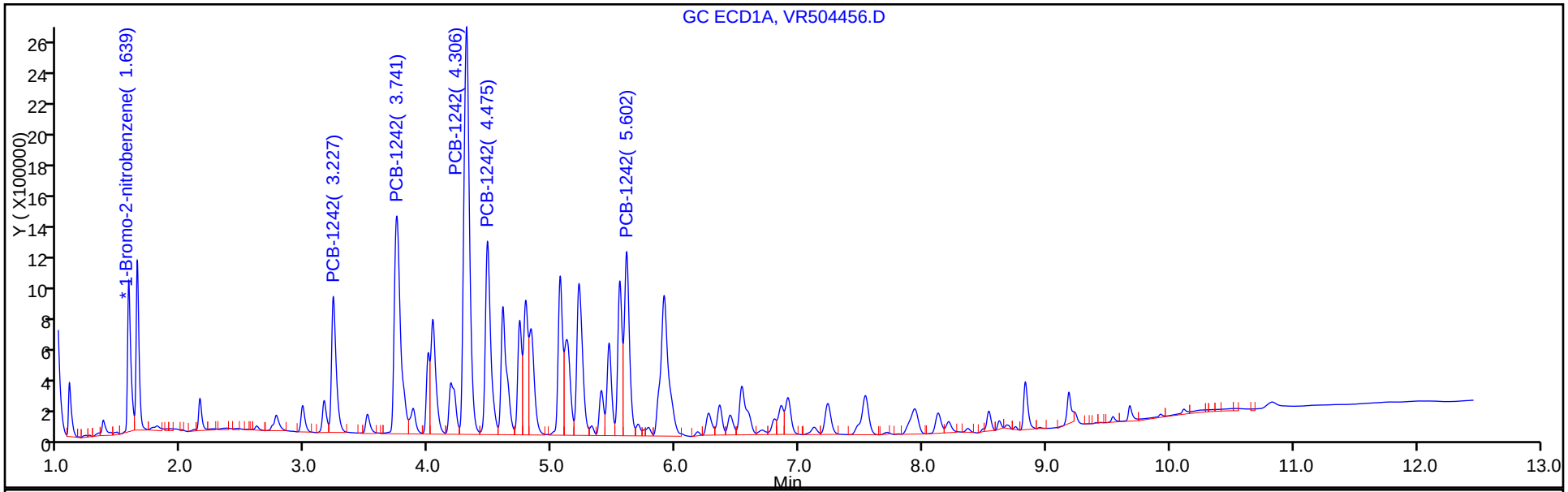
Reagents:

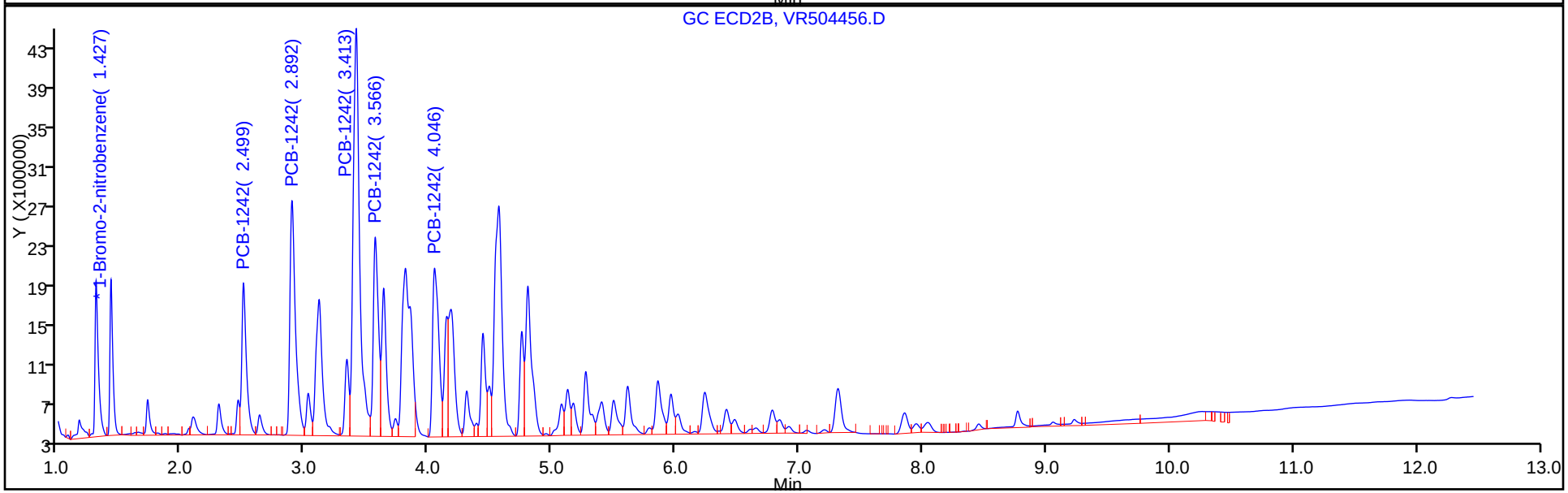
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:56:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D				
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22	Worklist Smp#:	4
Client ID:	PMP-7-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





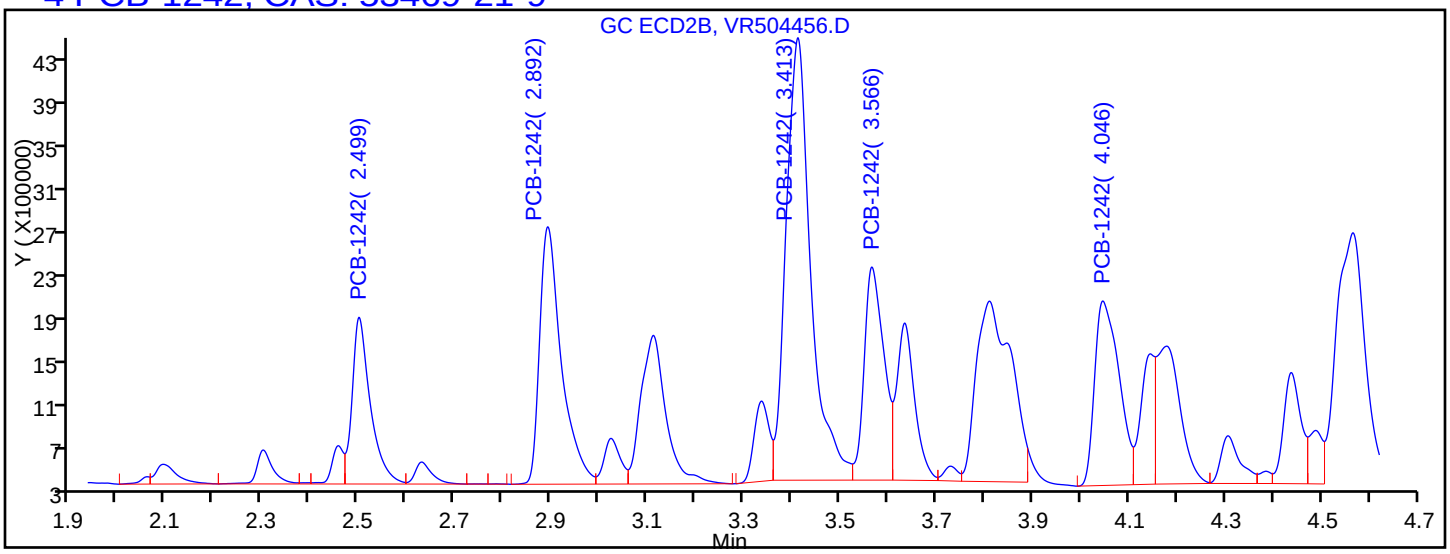
Report Date: 11-Nov-2015 15:56:17 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D

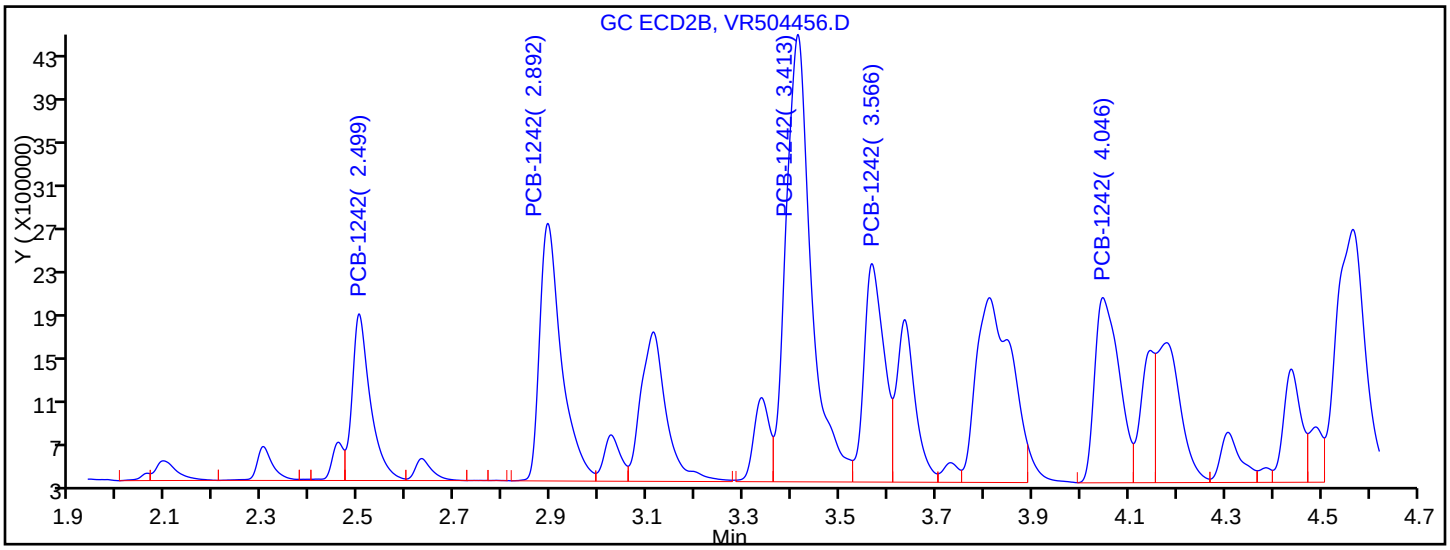
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.499	Response = 4002946	
RT = 2.892	Response = 7413741	
RT = 3.413	Response = 14517075	M
RT = 3.566	Response = 5549755	M
RT = 4.046	Response = 5967233	M



Manual Integration Results

RT = 2.499	Response = 4002946	
RT = 2.892	Response = 7413741	
RT = 3.413	Response = 14987434	M
RT = 3.566	Response = 5798960	M
RT = 4.046	Response = 6022894	M

Reviewer: patelji, 11-Nov-2015 10:30:43

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

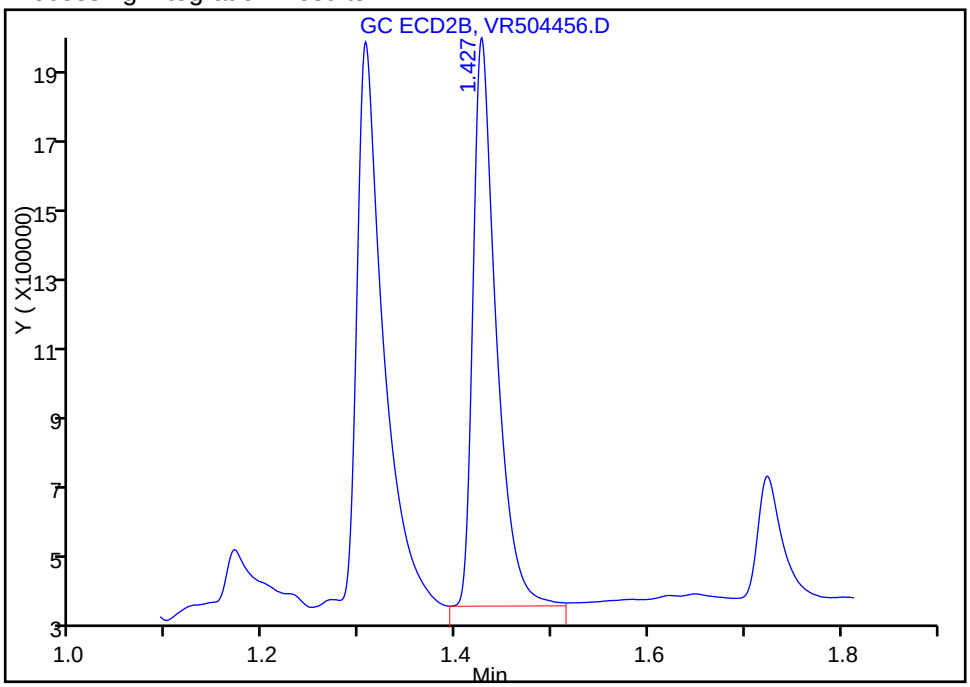
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504456.D				
Injection Date:	11-Nov-2015 09:37:50	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-22-B	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

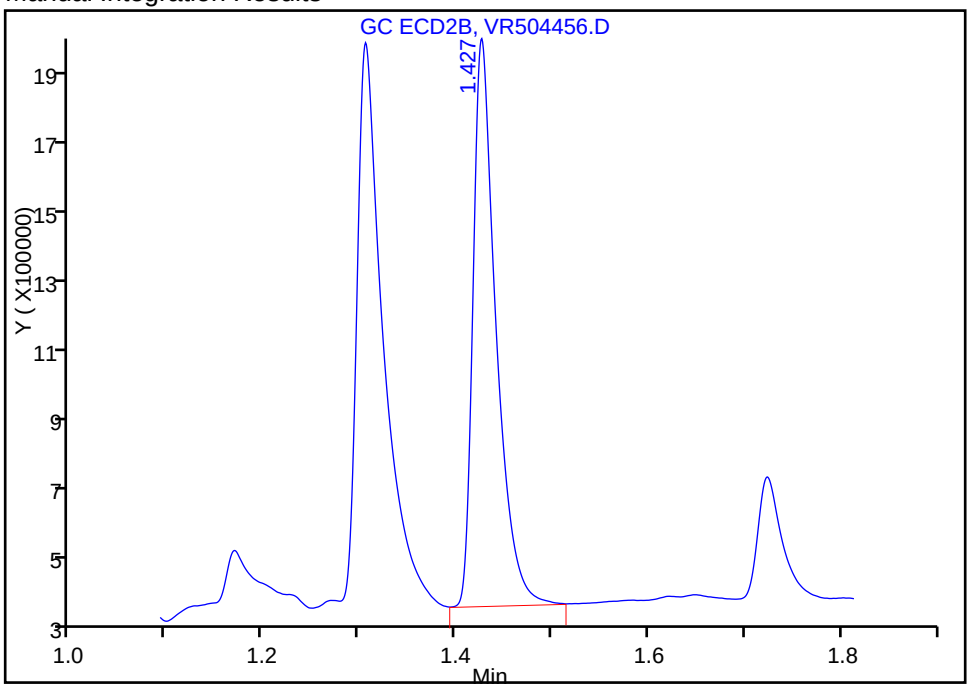
Processing Integration Results

RT: 1.43
Area: 2630990
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2611858
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:30:43
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S | Lab Sample ID: 460-104096-23

Matrix: Solid | Lab File ID: VR504461.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:37

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0079(g) | Date Analyzed: 11/11/2015 11:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	340000		35000	4600

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D
Lims ID: 460-104096-F-23-B Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 11:01:57 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info: 460-0034109-009
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:40:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.647	1.640	0.007	1280972	20.0	
2	1.429	1.420	0.009	2272897	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.238	3.242	-0.004	901956	945.9	M
1	3.751	3.756	-0.005	2013198	990.2	M
1	4.316	4.321	-0.005	3206006	954.9	M
1	4.485	4.491	-0.006	1430027	941.7	M
1	5.612	5.613	-0.001	1357283	1010.7	M
		Average of Peak Amounts =			968.6	
2	2.503	2.506	-0.003	1517387	841.5	M
2	2.896	2.897	-0.001	3117237	860.5	M
2	3.417	3.418	-0.001	5825563	800.3	M
2	3.571	3.572	-0.001	2289954	831.9	M
2	4.051	4.052	-0.001	2428786	815.1	M
		Average of Peak Amounts =			829.9	
					RPD = 15.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

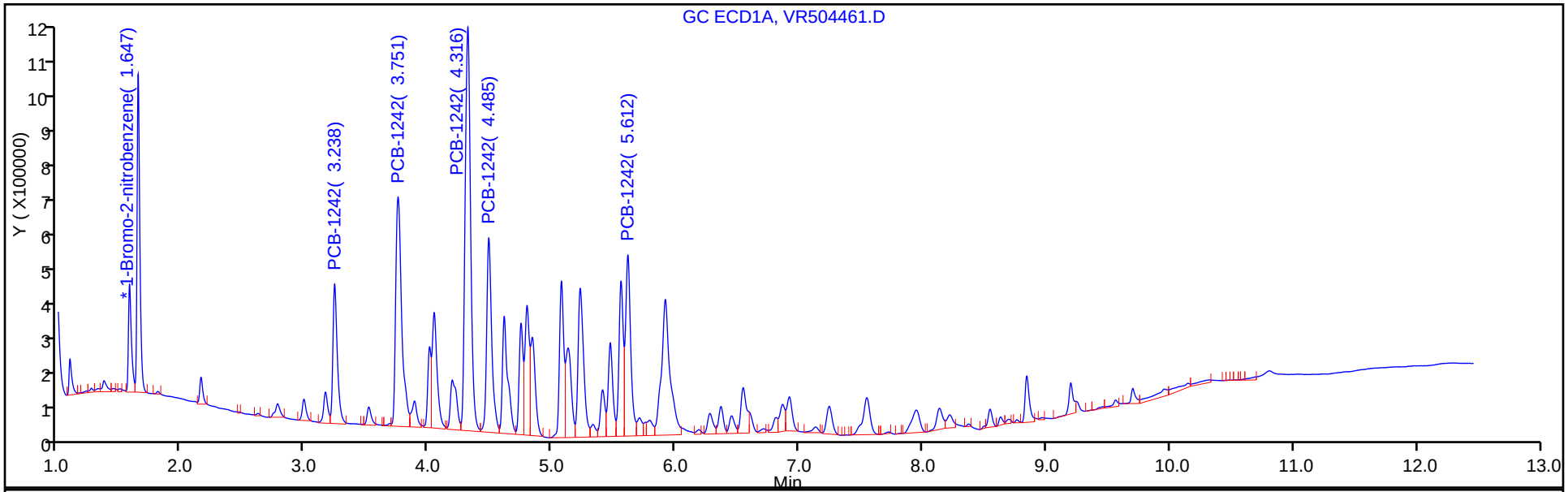
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

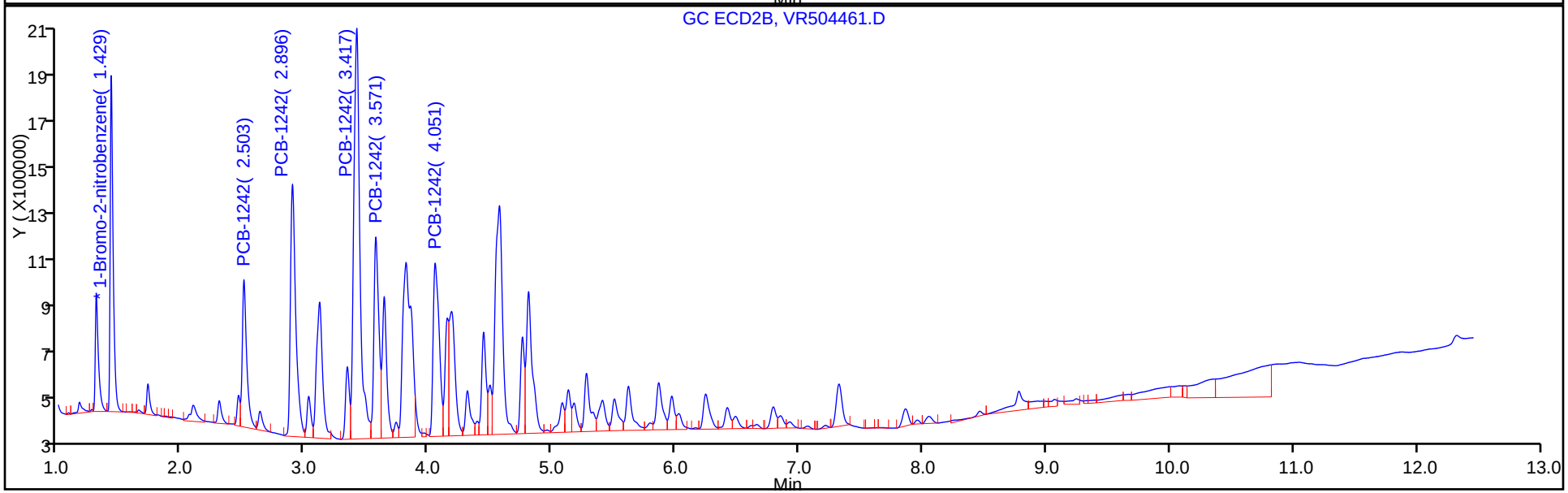
Report Date: 11-Nov-2015 15:56:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D

Injection Date:	11-Nov-2015 11:01:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-23-B	Lab Sample ID:	460-104096-23	Worklist Smp#:	9
Client ID:	PMP-7-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	9
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





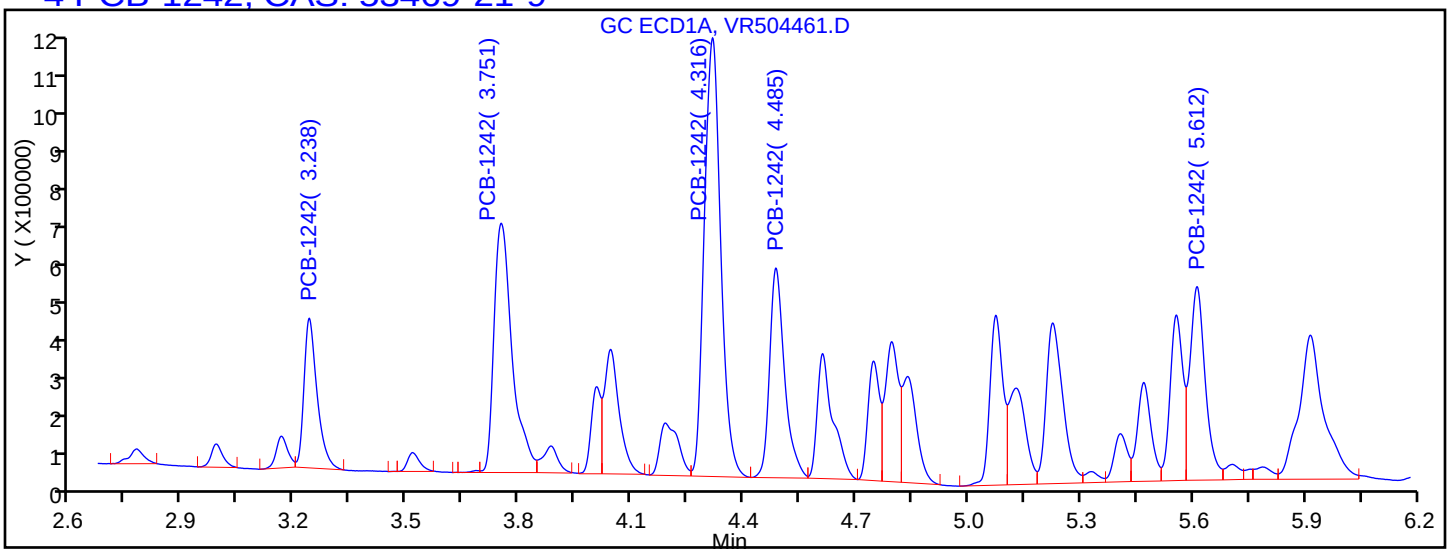
Report Date: 11-Nov-2015 15:56:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D

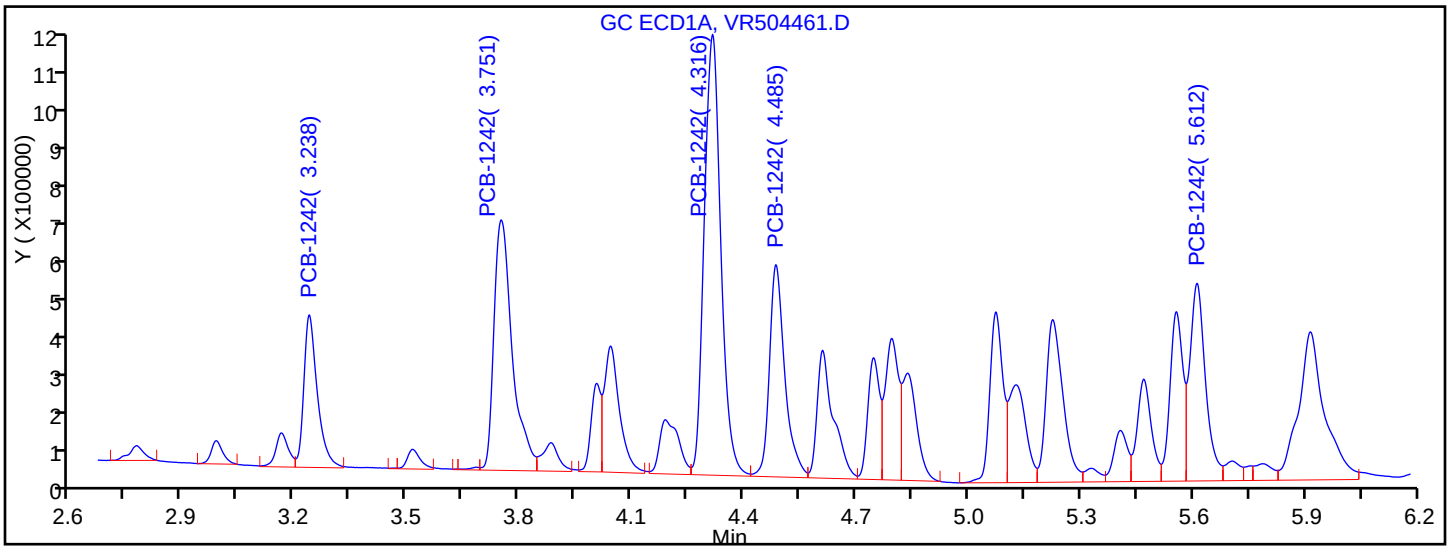
Injection Date:	11-Nov-2015 11:01:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-23-B	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:	615	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	500.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.238	Response = 859350	M
RT = 3.751	Response = 1986723	M
RT = 4.316	Response = 3161613	M
RT = 4.485	Response = 1376704	M
RT = 5.612	Response = 1300628	M



Manual Integration Results

RT = 3.238	Response = 901956	M
RT = 3.751	Response = 2013198	M
RT = 4.316	Response = 3206006	M
RT = 4.485	Response = 1430027	M
RT = 5.612	Response = 1357283	M

Reviewer: patelji, 11-Nov-2015 11:40:29

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S | Lab Sample ID: 460-104096-23

Matrix: Solid | Lab File ID: VR504461.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:37

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0079(g) | Date Analyzed: 11/11/2015 11:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 500

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4600	U	35000	4600
11104-28-2	Aroclor 1221	4600	U	35000	4600
11141-16-5	Aroclor 1232	4600	U	35000	4600
12672-29-6	Aroclor 1248	4600	U	35000	4600
11097-69-1	Aroclor 1254	4800	U	35000	4800
11096-82-5	Aroclor 1260	4800	U	35000	4800
37324-23-5	Aroclor 1262	4800	U	35000	4800
11100-14-4	Aroclor 1268	4800	U	35000	4800

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D
Lims ID: 460-104096-F-23-B Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 11:01:57 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 500.0000
Sample Info: 460-0034109-009
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:40:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.647	1.640	0.007	1280972	20.0	
2	1.429	1.420	0.009	2272897	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.238	3.242	-0.004	901956	945.9	M
1	3.751	3.756	-0.005	2013198	990.2	M
1	4.316	4.321	-0.005	3206006	954.9	M
1	4.485	4.491	-0.006	1430027	941.7	M
1	5.612	5.613	-0.001	1357283	1010.7	M
		Average of Peak Amounts =			968.6	
2	2.503	2.506	-0.003	1517387	841.5	M
2	2.896	2.897	-0.001	3117237	860.5	M
2	3.417	3.418	-0.001	5825563	800.3	M
2	3.571	3.572	-0.001	2289954	831.9	M
2	4.051	4.052	-0.001	2428786	815.1	M
		Average of Peak Amounts =			829.9	
					RPD = 15.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

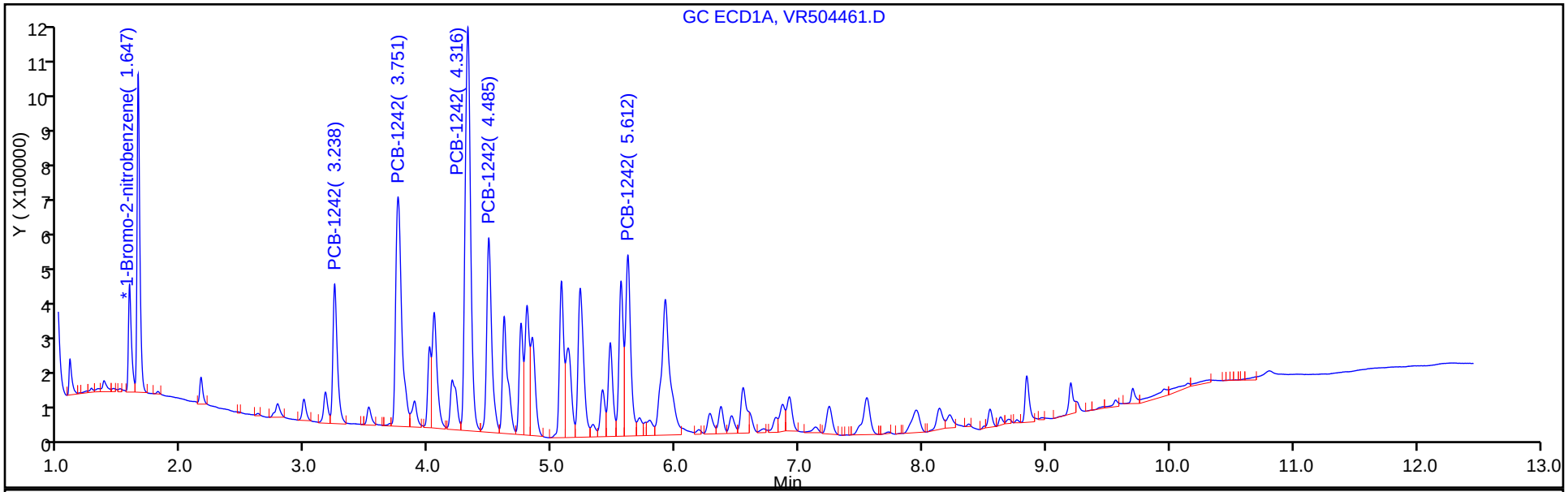
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

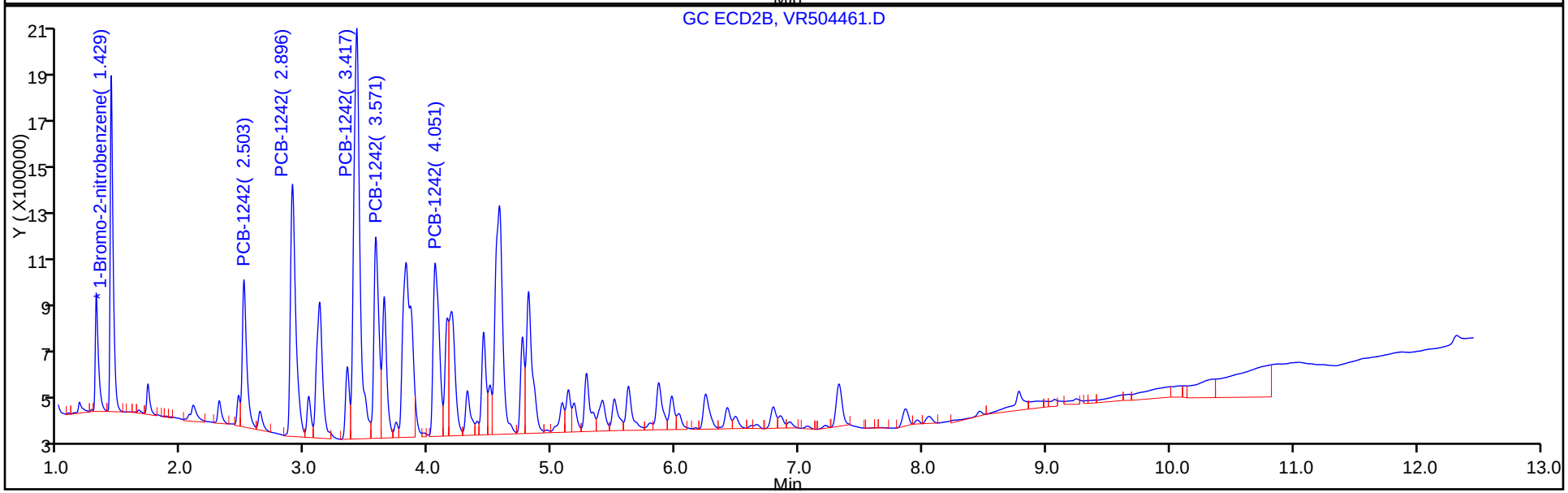
Report Date: 11-Nov-2015 15:56:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D

Injection Date:	11-Nov-2015 11:01:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-23-B	Lab Sample ID:	460-104096-23	Worklist Smp#:	9
Client ID:	PMP-7-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	500.0000	ALS Bottle#:	9
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





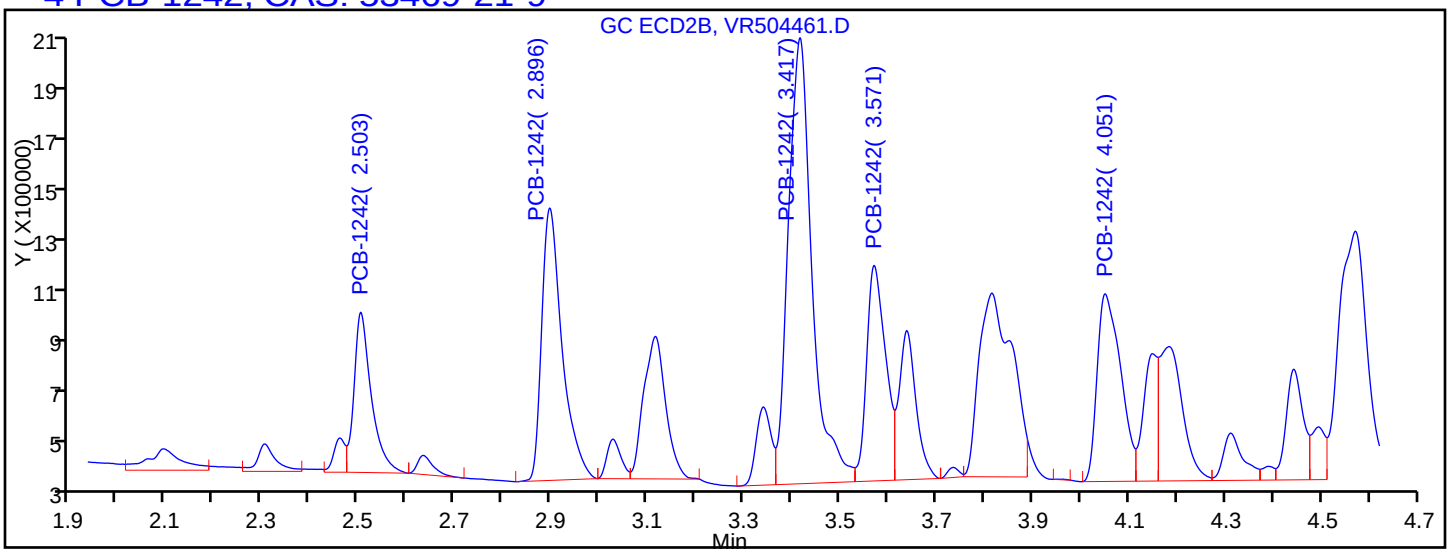
Report Date: 11-Nov-2015 15:56:32 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D

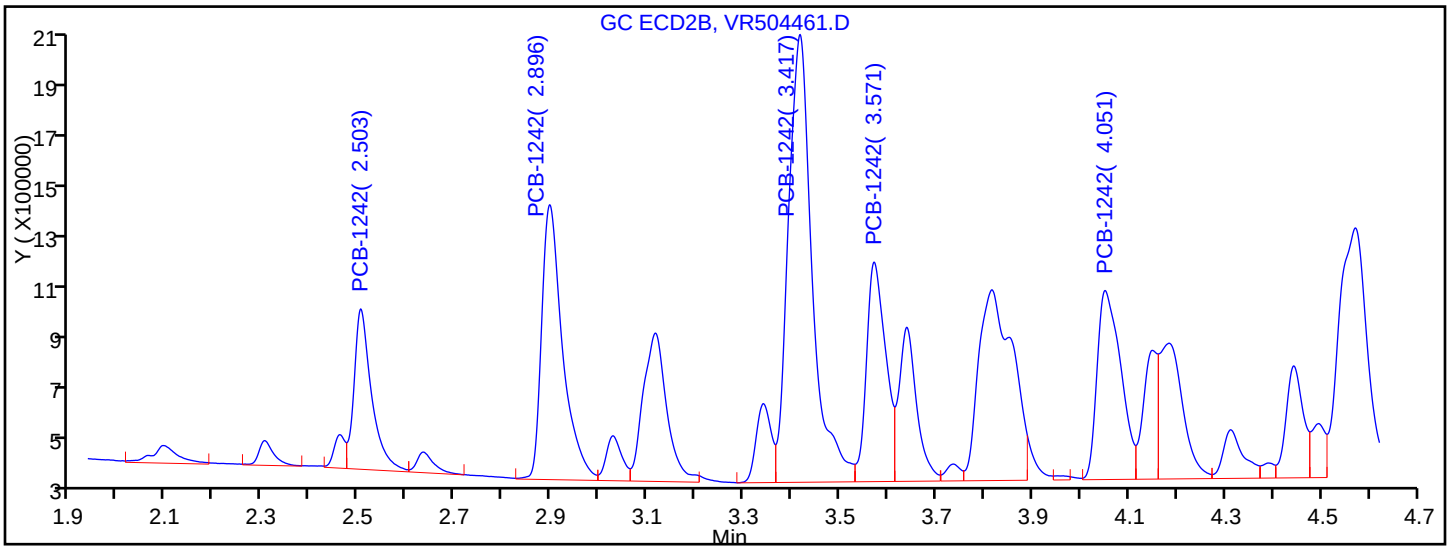
Injection Date:	11-Nov-2015 11:01:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-23-B	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:	615	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	500.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.503	Response = 1492796	M
RT = 2.896	Response = 3005307	M
RT = 3.417	Response = 5739205	M
RT = 3.571	Response = 2214946	M
RT = 4.051	Response = 2393508	M



Manual Integration Results

RT = 2.503	Response = 1517387	M
RT = 2.896	Response = 3117237	M
RT = 3.417	Response = 5825563	M
RT = 3.571	Response = 2289954	M
RT = 4.051	Response = 2428786	M

Reviewer: patelji, 11-Nov-2015 11:40:29

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

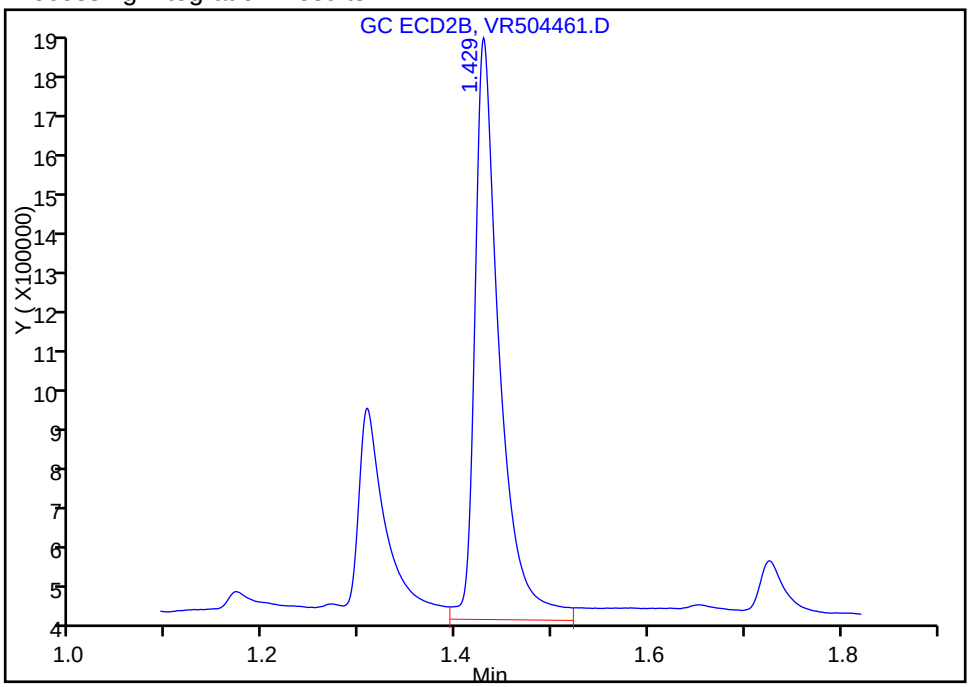
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504461.D				
Injection Date:	11-Nov-2015 11:01:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-23-B	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:	615	ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	500.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

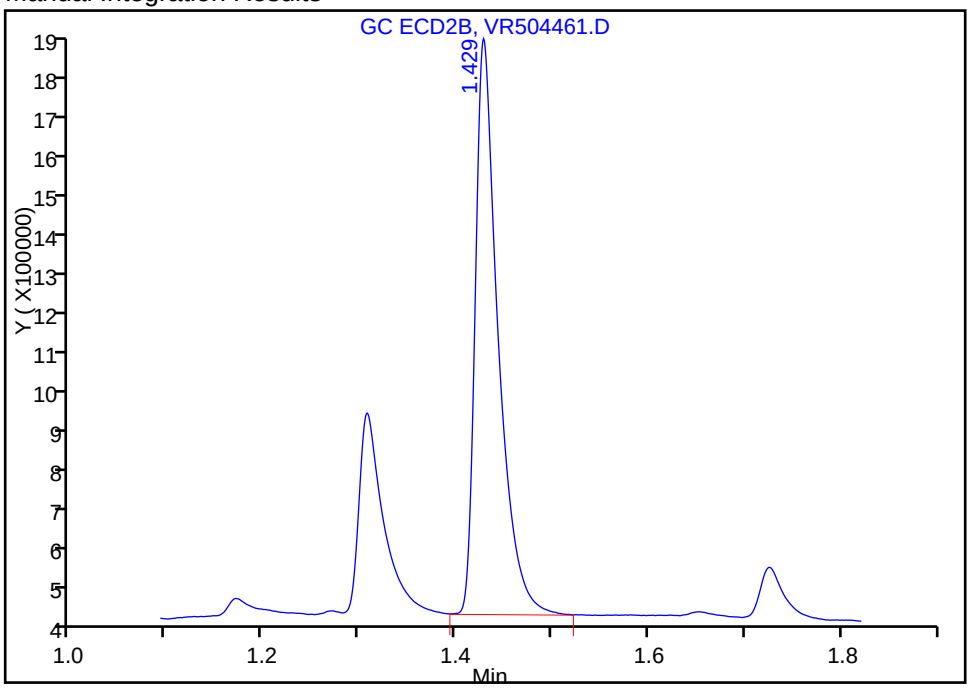
Processing Integration Results

RT: 1.43
Area: 2494834
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2272897
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:40:29
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: VR504424.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:41

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0028(g) | Date Analyzed: 11/10/2015 20:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	530		75	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	94		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504424.D
Lims ID: 460-104096-F-24-B Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 20:43:26 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-014
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:46:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.646	-0.002	1828755	20.0	
2	1.431	1.429	0.002	2866656	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.232	3.242	-0.010	1322545	971.5	
1	3.746	3.756	-0.010	2046665	705.1	
1	4.311	4.321	-0.010	3026818	631.5	
1	4.481	4.491	-0.010	1359989	627.3	
1	5.607	5.613	-0.006	1081046	563.9	
		Average of Peak Amounts =			699.8	
2	2.507	2.506	0.001	1877568	825.6	
2	2.899	2.897	0.002	3544992	775.9	
2	3.419	3.418	0.001	5414632	589.8	
2	3.574	3.572	0.002	2068876	595.9	
2	4.054	4.052	0.002	2089823	556.1	
		Average of Peak Amounts =			668.6	
					RPD = 4.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.080	10.133	-0.053	3807927	46.8	
2	9.216	9.236	-0.020	7102470	48.4	
					RPD = 3.29	

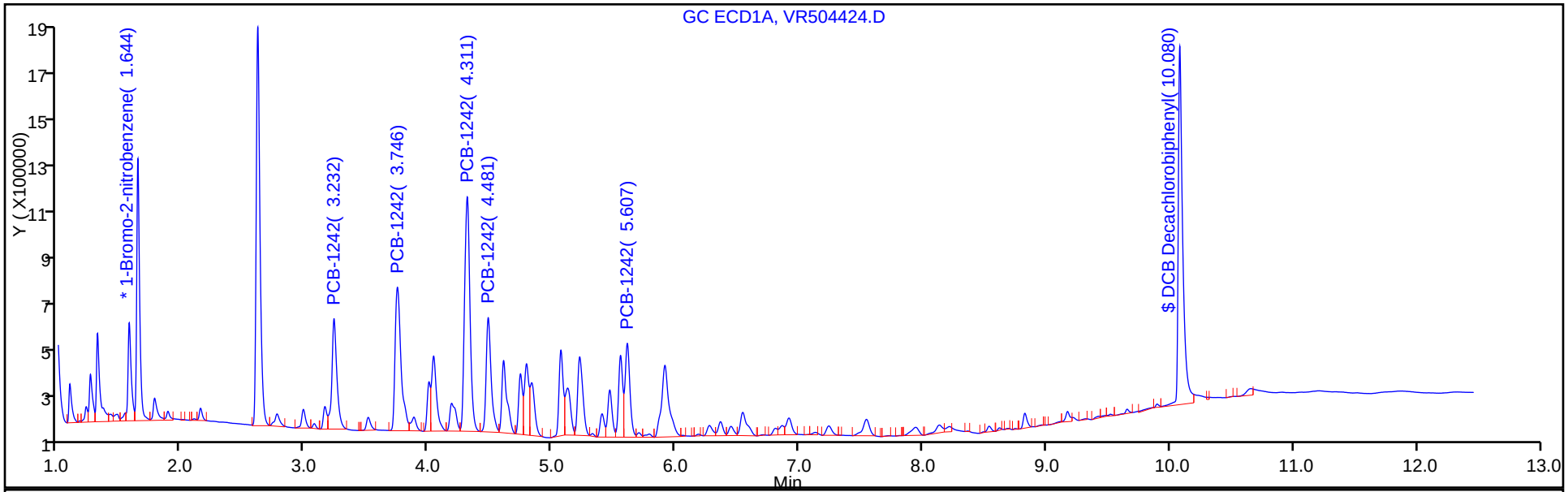
Reagents:

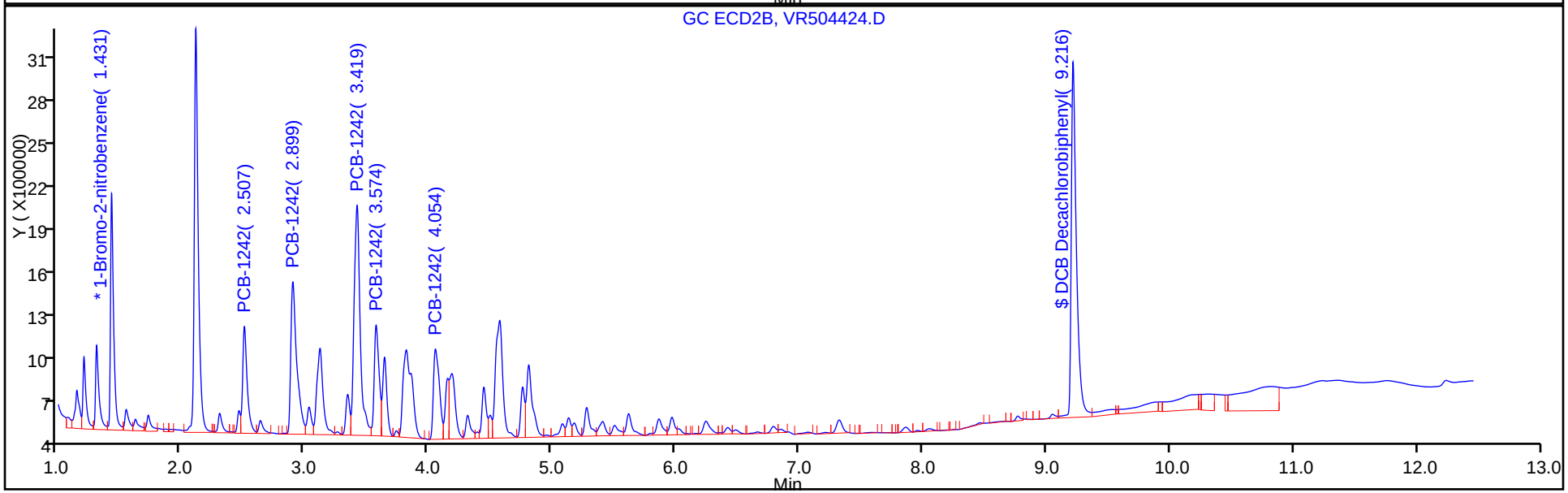
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:14:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504424.D				
Injection Date:	10-Nov-2015 20:43:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-24-B	Lab Sample ID:	460-104096-24	Worklist Smp#:	14
Client ID:	PMP-7-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: VR504424.D

Analysis Method: 8082A | Date Collected: 11/05/2015 11:41

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0028(g) | Date Analyzed: 11/10/2015 20:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	75	10
11104-28-2	Aroclor 1221	10	U	75	10
11141-16-5	Aroclor 1232	10	U	75	10
12672-29-6	Aroclor 1248	10	U	75	10
11097-69-1	Aroclor 1254	10	U	75	10
11096-82-5	Aroclor 1260	10	U	75	10
37324-23-5	Aroclor 1262	10	U	75	10
11100-14-4	Aroclor 1268	10	U	75	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504424.D
Lims ID: 460-104096-F-24-B Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 20:43:26 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-014
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:46:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.646	-0.002	1828755	20.0	
2	1.431	1.429	0.002	2866656	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.232	3.242	-0.010	1322545	971.5	
1	3.746	3.756	-0.010	2046665	705.1	
1	4.311	4.321	-0.010	3026818	631.5	
1	4.481	4.491	-0.010	1359989	627.3	
1	5.607	5.613	-0.006	1081046	563.9	
		Average of Peak Amounts =			699.8	
2	2.507	2.506	0.001	1877568	825.6	
2	2.899	2.897	0.002	3544992	775.9	
2	3.419	3.418	0.001	5414632	589.8	
2	3.574	3.572	0.002	2068876	595.9	
2	4.054	4.052	0.002	2089823	556.1	
		Average of Peak Amounts =			668.6	
					RPD = 4.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.080	10.133	-0.053	3807927	46.8	
2	9.216	9.236	-0.020	7102470	48.4	
					RPD = 3.29	

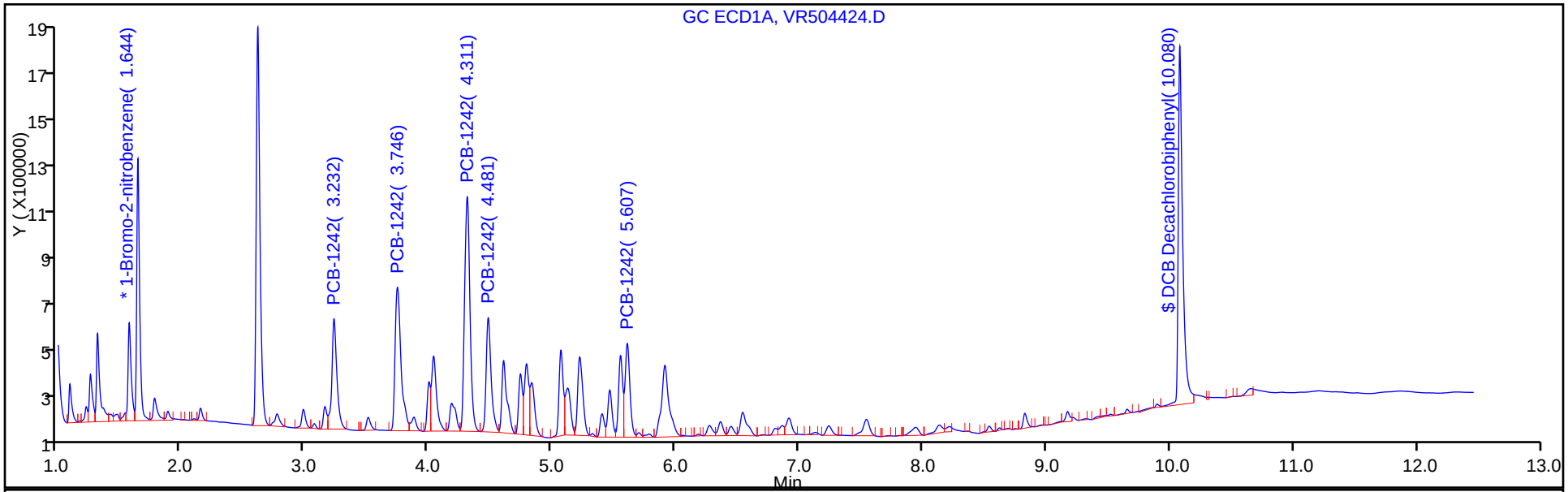
Reagents:

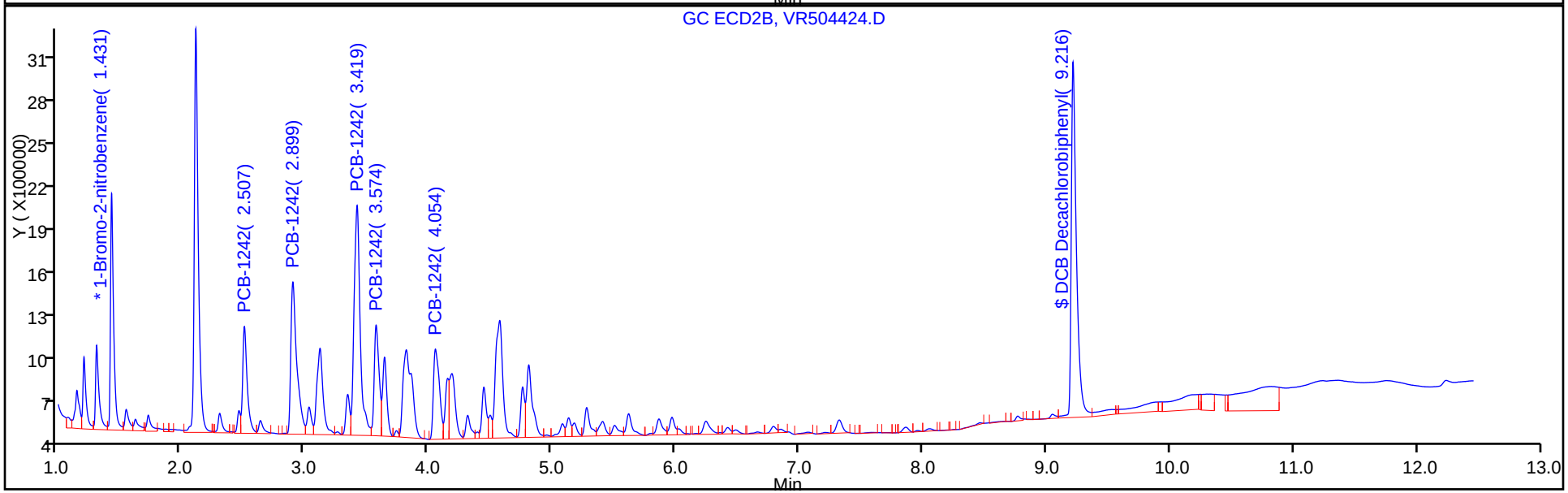
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:14:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504424.D				
Injection Date:	10-Nov-2015 20:43:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-24-B	Lab Sample ID:	460-104096-24	Worklist Smp#:	14
Client ID:	PMP-7-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-8-NW2-V | Lab Sample ID: 460-104096-25

Matrix: Solid | Lab File ID: VR504458.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:12

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0001(g) | Date Analyzed: 11/11/2015 10:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D
Lims ID: 460-104096-A-25-A Lab Sample ID: 460-104096-25
Client ID: PMP-8-NW2-V
Sample Type: Client
Inject. Date: 11-Nov-2015 10:09:23 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034109-006
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:32:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.642	1.640	0.002	1864142	20.0	M
2	1.430	1.420	0.010	2682992	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	0.000	3.242	-3.242	0	0	
1	3.743	3.756	-0.013	5483955	1853.5	
1	4.310	4.321	-0.011	9275629	1898.4	M
1	4.479	4.491	-0.012	2502308	1132.3	M
1	5.605	5.613	-0.008	4107437	2101.7	M
		Average of Peak Amounts =			1746.5	
2	0.000	2.506	-2.506	0	0	
2	2.897	2.897	0.000	8520860	1992.6	
2	3.419	3.418	0.001	16667267	1939.6	M
2	3.573	3.572	0.001	3770468	1160.4	M
2	4.051	4.052	-0.001	7211388	2050.2	M
		Average of Peak Amounts =			1785.7	
					RPD = 2.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.147	-0.038	365862	4.41	M
2	9.225	9.235	-0.010	773634	5.63	M
					RPD = 24.25	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

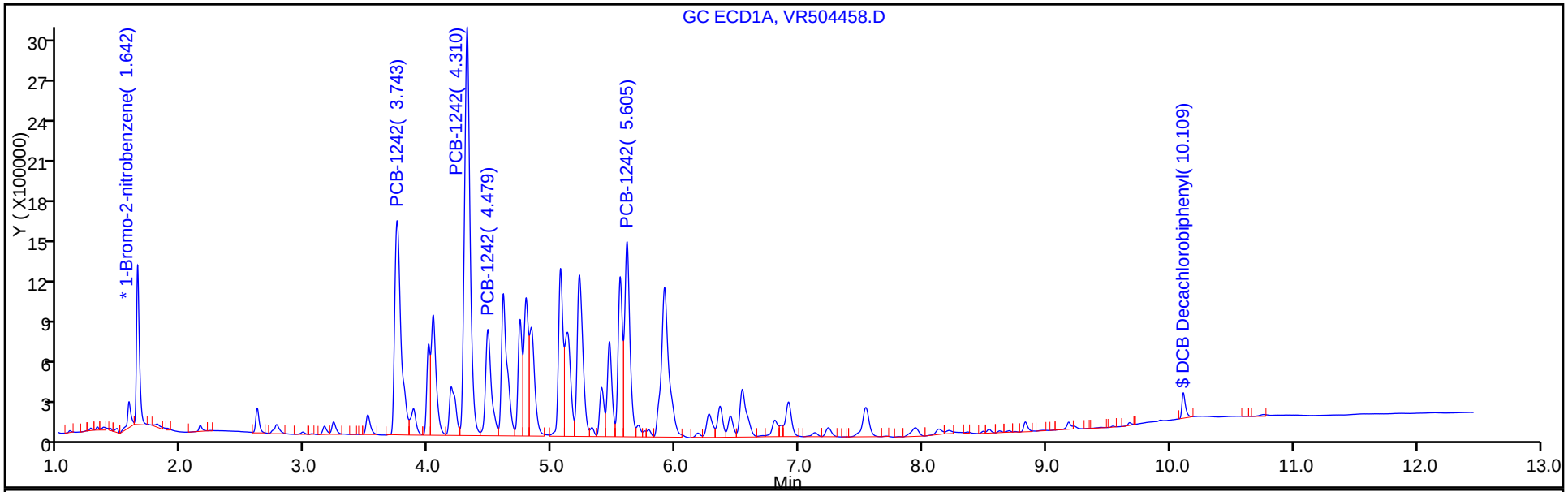
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

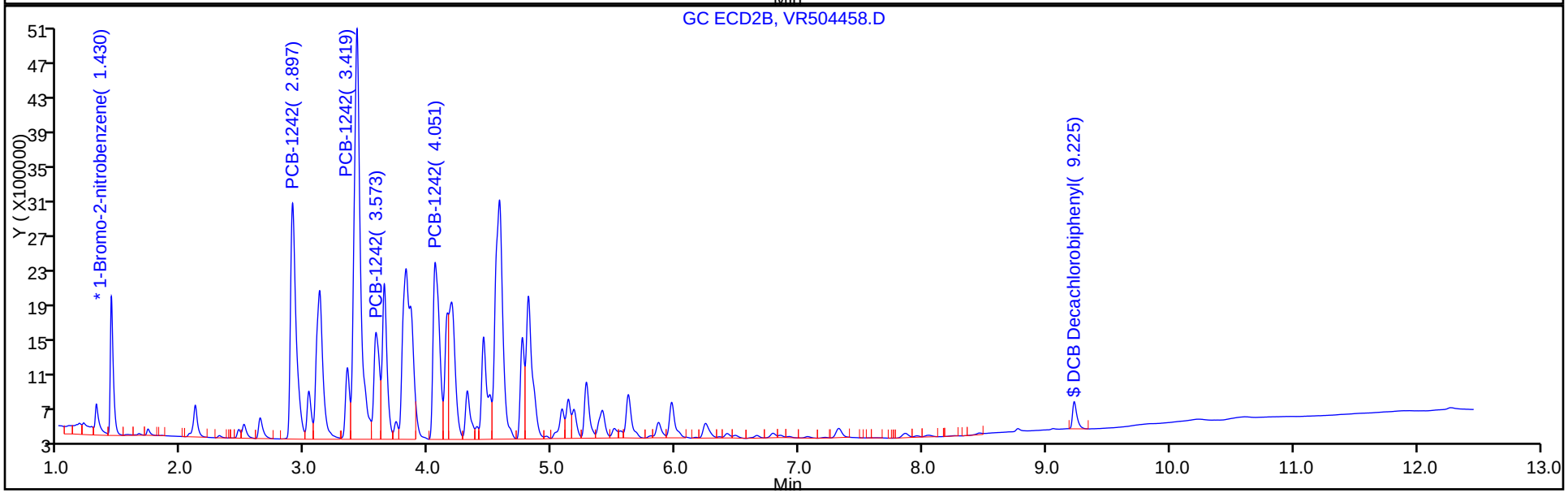
Report Date: 11-Nov-2015 15:56:21 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D

Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25	Worklist Smp#:	6
Client ID:	PMP-8-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

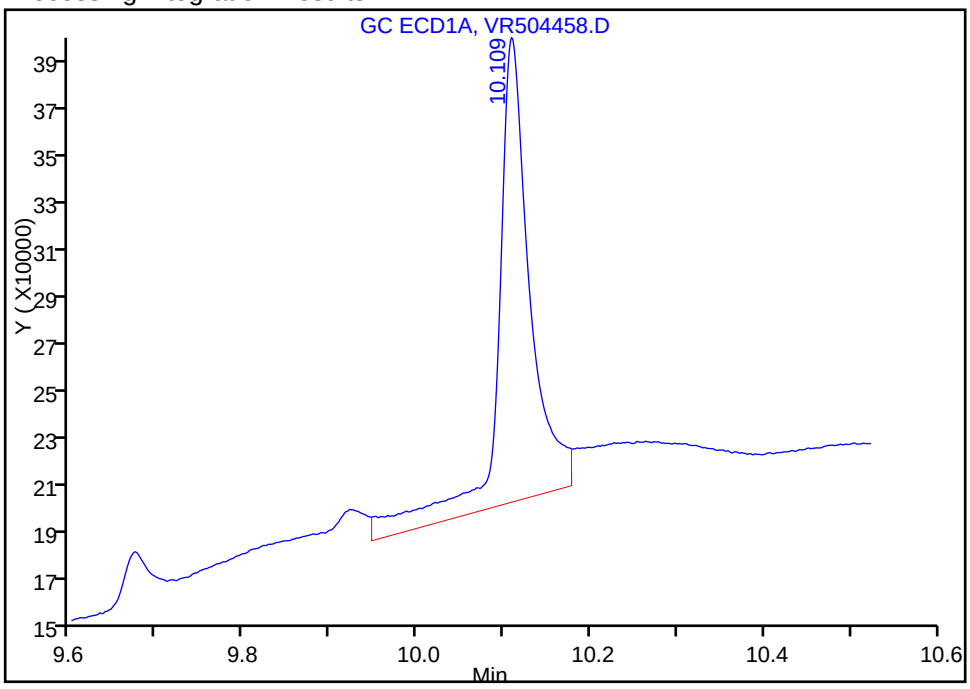
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D				
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25		
Client ID:	PMP-8-NW2-V				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

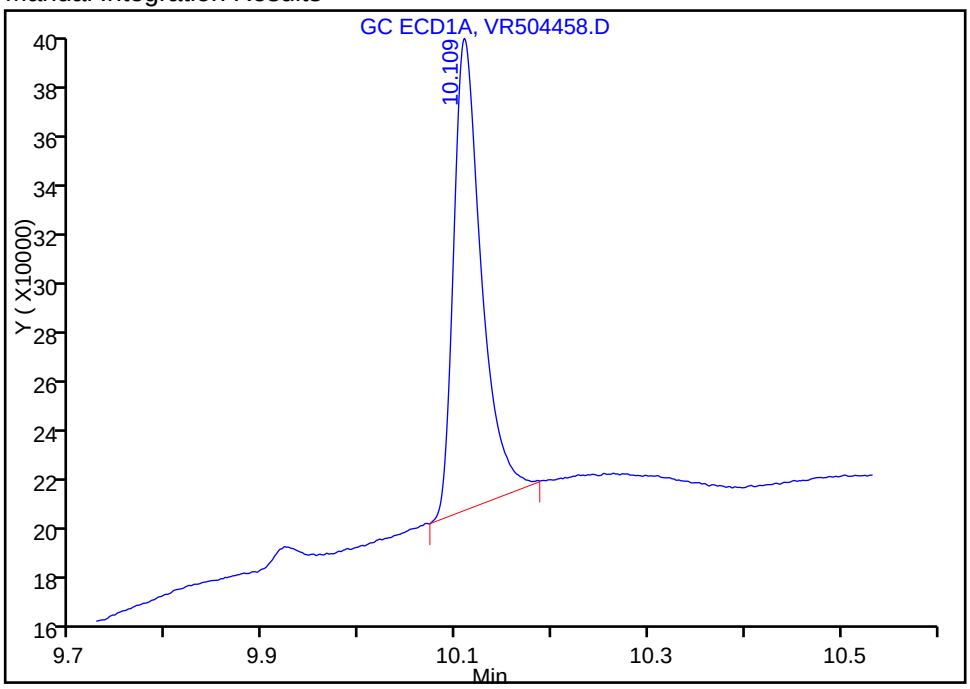
Processing Integration Results

RT: 10.11
Area: 503173
Amount: 5.435983
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 365862
Amount: 4.411771
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:32:21
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

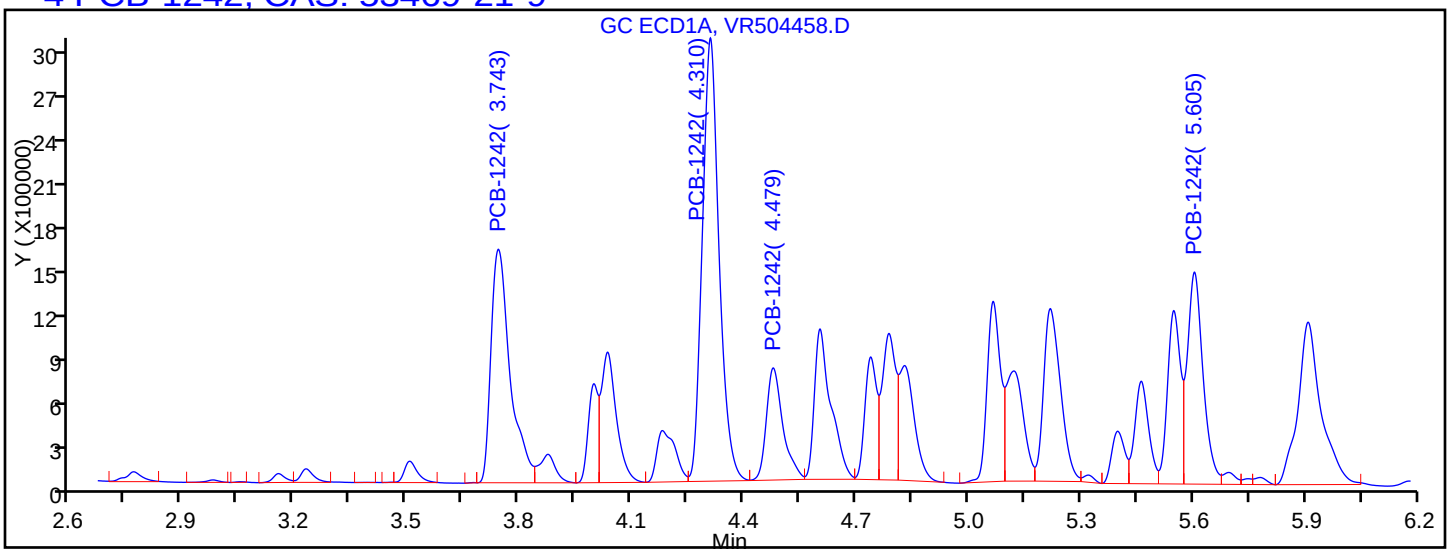
Report Date: 11-Nov-2015 15:56:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D

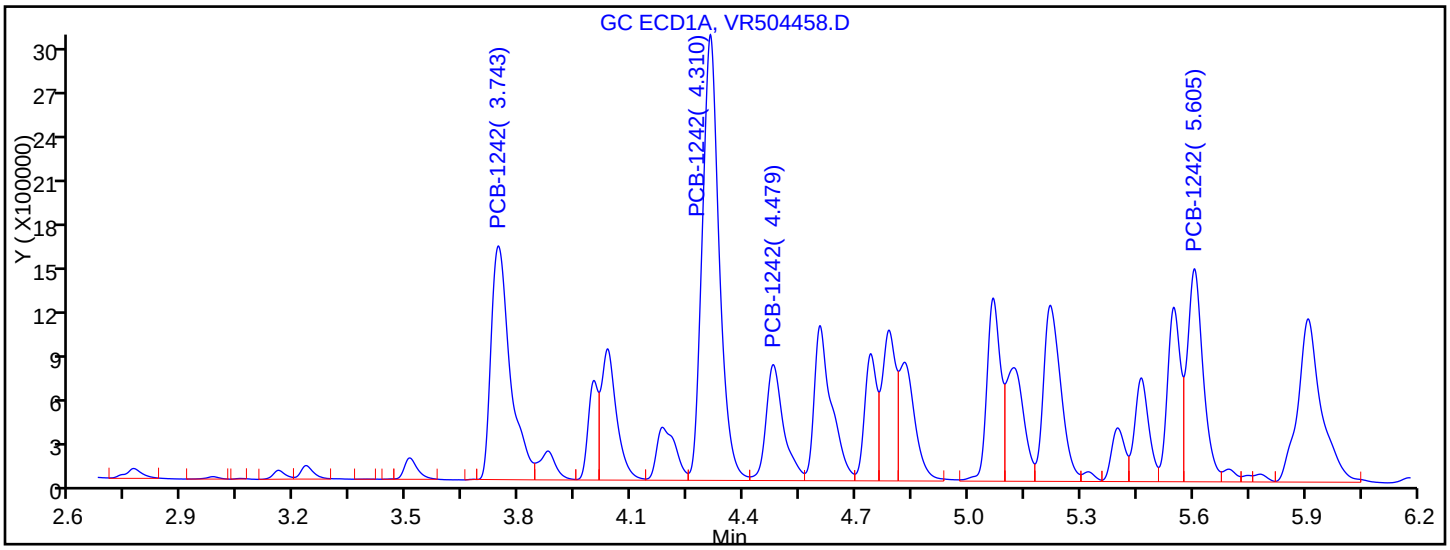
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25		
Client ID:	PMP-8-NW2-V				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.229	Response = 214270	
RT = 3.743	Response = 5483955	
RT = 4.310	Response = 9104200	M
RT = 4.479	Response = 2276825	M
RT = 5.605	Response = 4069924	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.743	Response = 5483955	
RT = 4.310	Response = 9275629	M
RT = 4.479	Response = 2502308	M
RT = 5.605	Response = 4107437	M

Reviewer: patelji, 11-Nov-2015 10:32:21

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

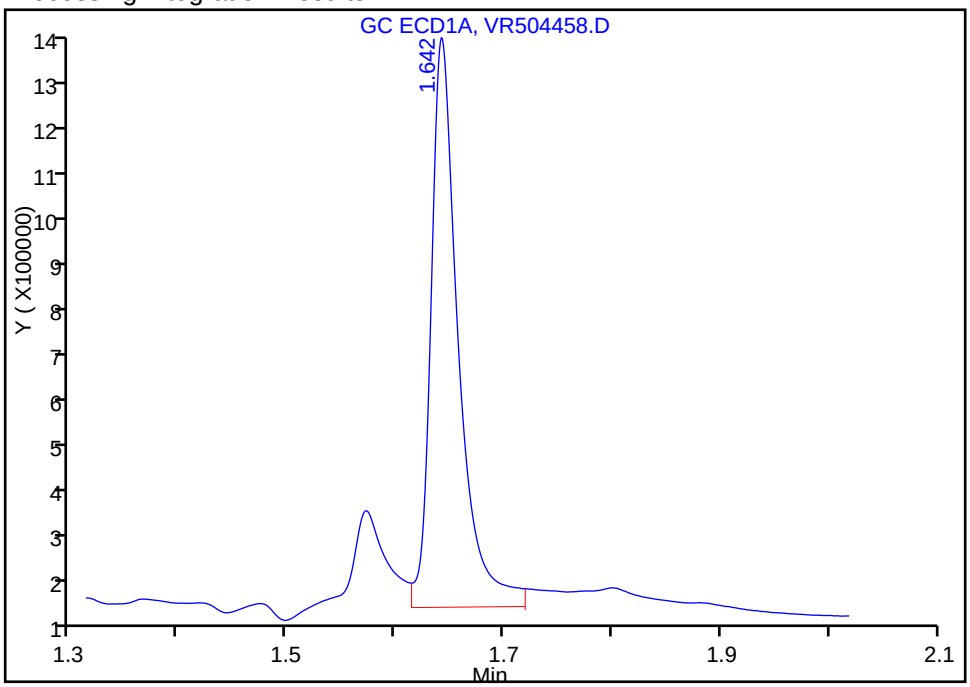
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D				
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25		
Client ID:	PMP-8-NW2-V				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

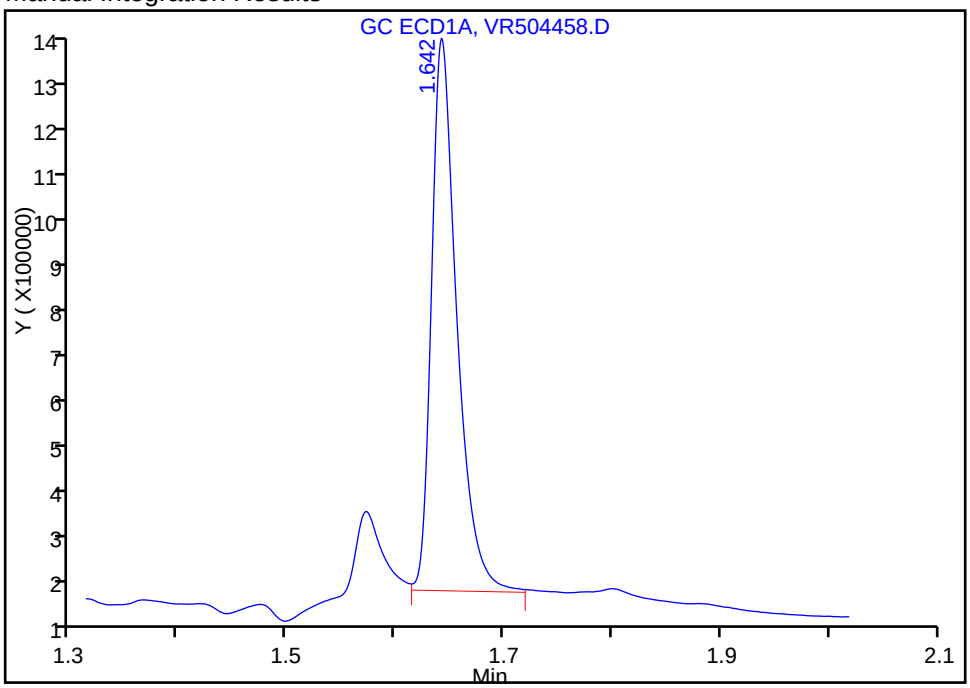
Processing Integration Results

RT: 1.64
Area: 2080721
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1864142
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:32:21
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-8-NW2-V | Lab Sample ID: 460-104096-25

Matrix: Solid | Lab File ID: VR504458.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:12

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0001(g) | Date Analyzed: 11/11/2015 10:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	94	U	710	94
11104-28-2	Aroclor 1221	94	U	710	94
11141-16-5	Aroclor 1232	94	U	710	94
53469-21-9	Aroclor 1242	13000		710	94
12672-29-6	Aroclor 1248	94	U	710	94
11097-69-1	Aroclor 1254	97	U	710	97
11096-82-5	Aroclor 1260	97	U	710	97
37324-23-5	Aroclor 1262	97	U	710	97
11100-14-4	Aroclor 1268	97	U	710	97

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D
Lims ID: 460-104096-A-25-A Lab Sample ID: 460-104096-25
Client ID: PMP-8-NW2-V
Sample Type: Client
Inject. Date: 11-Nov-2015 10:09:23 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034109-006
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 10:32:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.642	1.640	0.002	1864142	20.0	M
2	1.430	1.420	0.010	2682992	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	0.000	3.242	-3.242	0	0	
1	3.743	3.756	-0.013	5483955	1853.5	
1	4.310	4.321	-0.011	9275629	1898.4	M
1	4.479	4.491	-0.012	2502308	1132.3	M
1	5.605	5.613	-0.008	4107437	2101.7	M
		Average of Peak Amounts =			1746.5	
2	0.000	2.506	-2.506	0	0	
2	2.897	2.897	0.000	8520860	1992.6	
2	3.419	3.418	0.001	16667267	1939.6	M
2	3.573	3.572	0.001	3770468	1160.4	M
2	4.051	4.052	-0.001	7211388	2050.2	M
		Average of Peak Amounts =			1785.7	
					RPD = 2.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.147	-0.038	365862	4.41	M
2	9.225	9.235	-0.010	773634	5.63	M
					RPD = 24.25	

QC Flag Legend

Review Flags

M - Manually Integrated

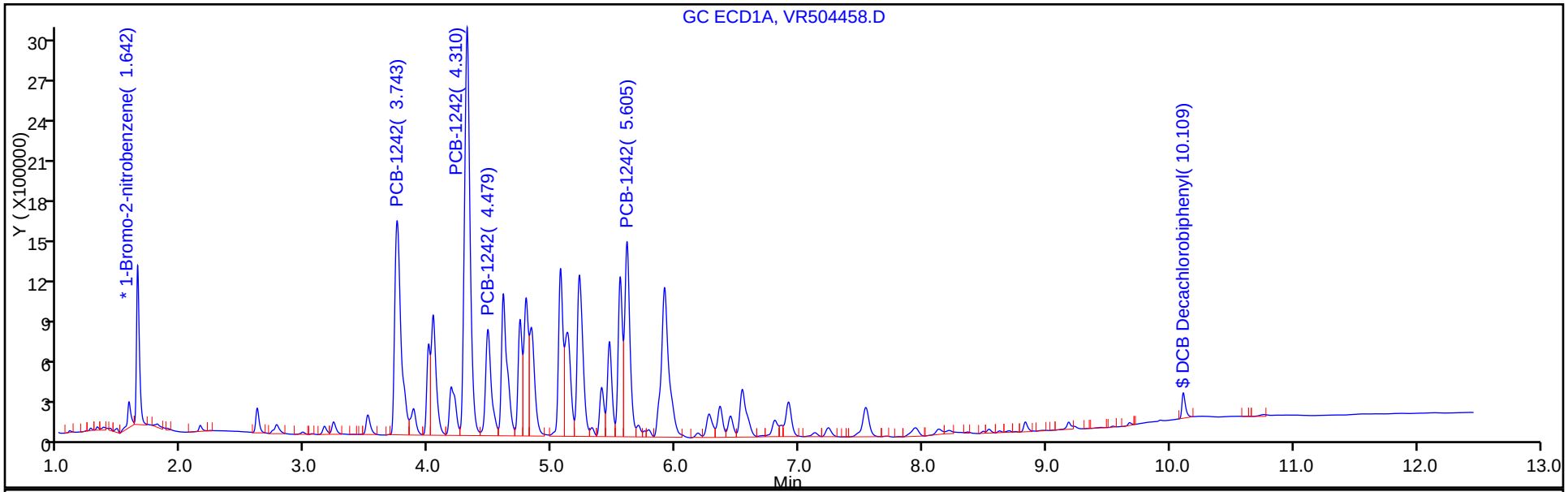
Reagents:

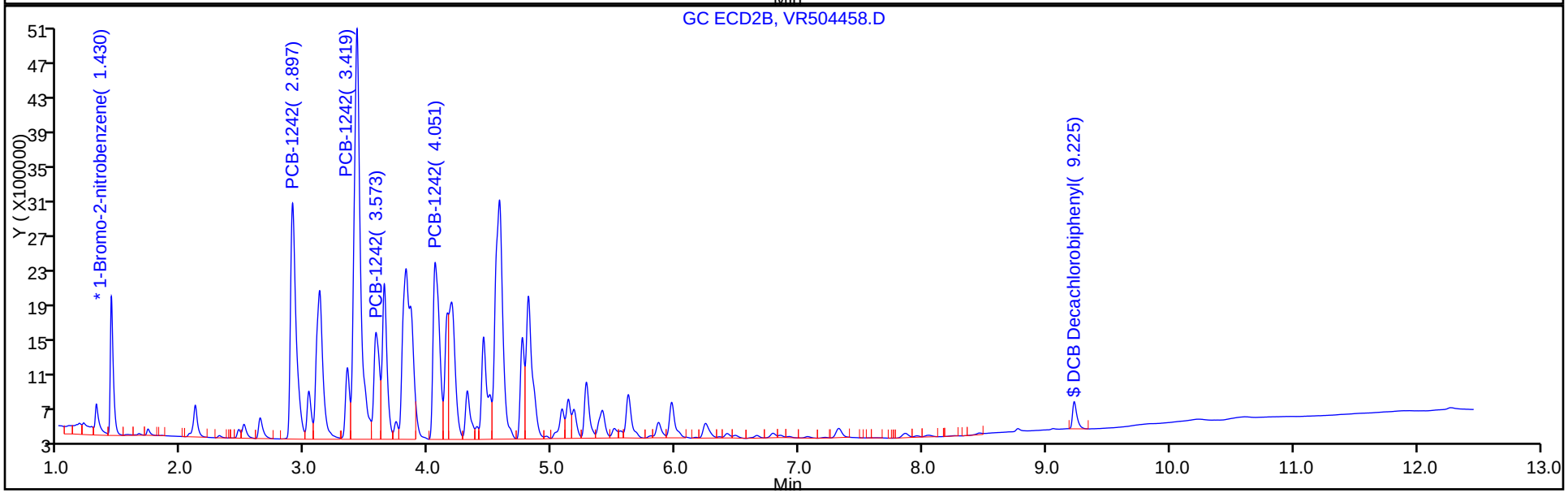
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:56:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D				
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25	Worklist Smp#:	6
Client ID:	PMP-8-NW2-V				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





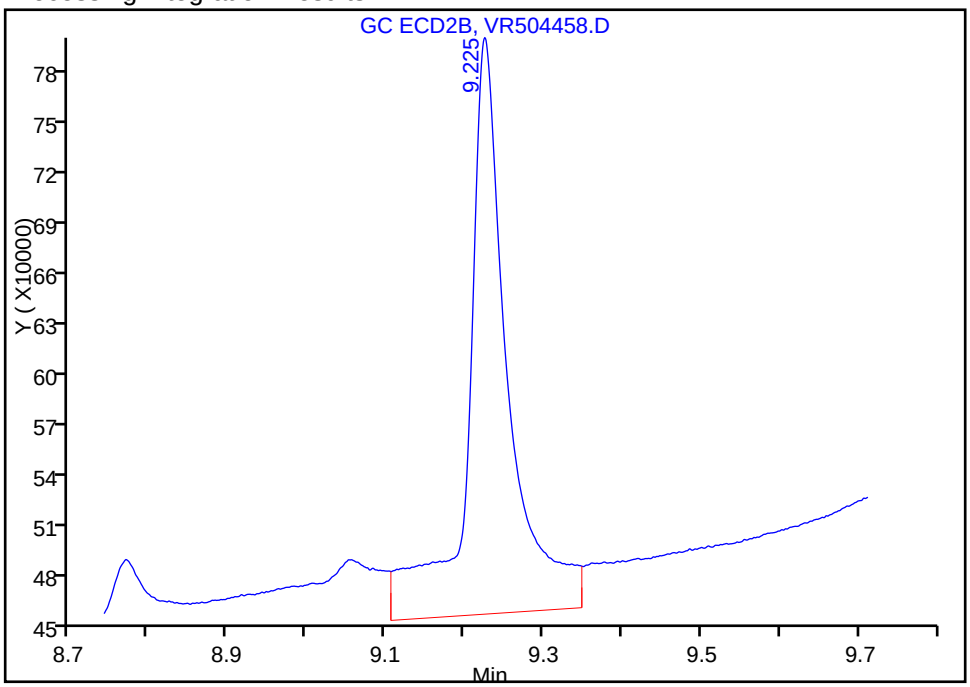
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D				
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25		
Client ID:	PMP-8-NW2-V				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

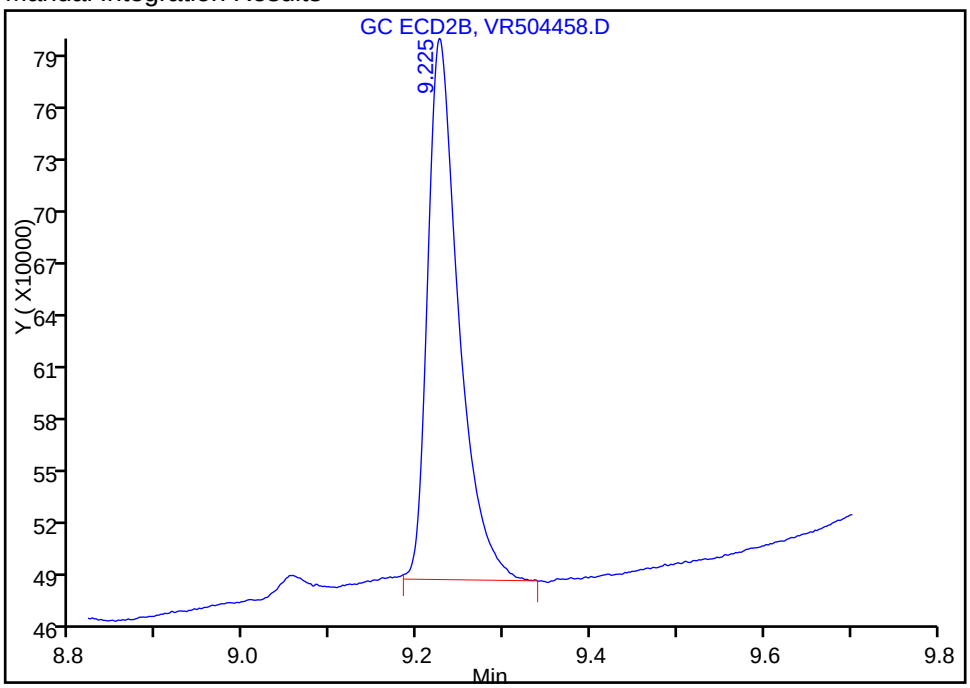
Processing Integration Results

RT: 9.23
Area: 1197325
Amount: 8.712582
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 773634
Amount: 5.629507
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:32:21
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

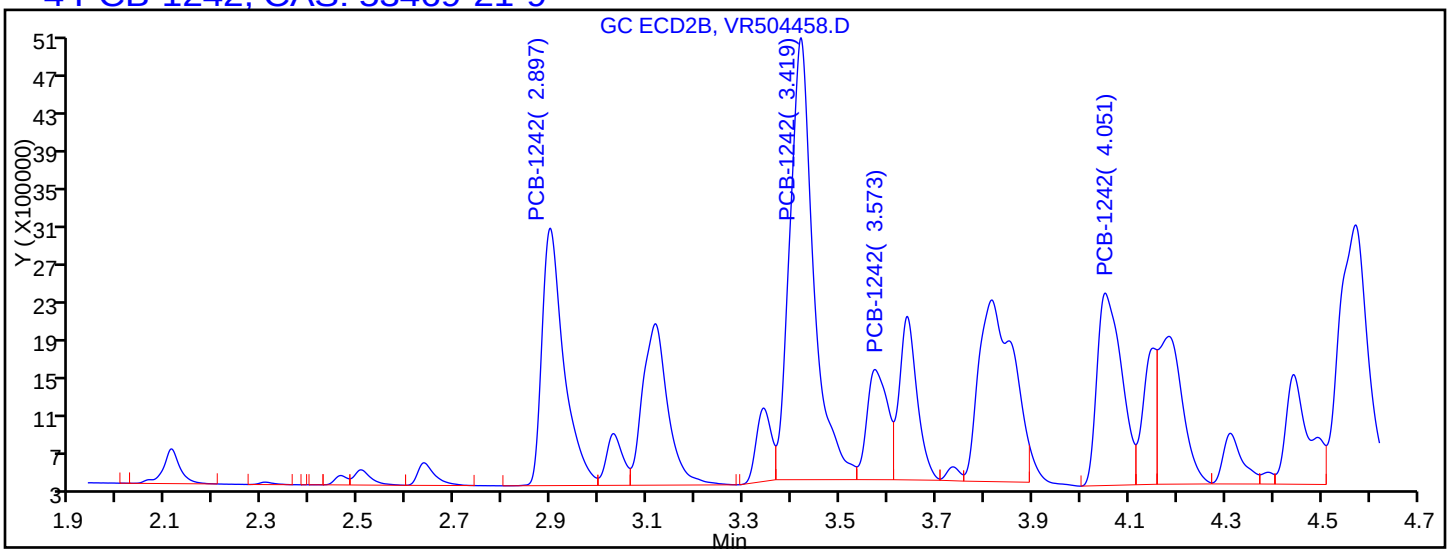
Report Date: 11-Nov-2015 15:56:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504458.D

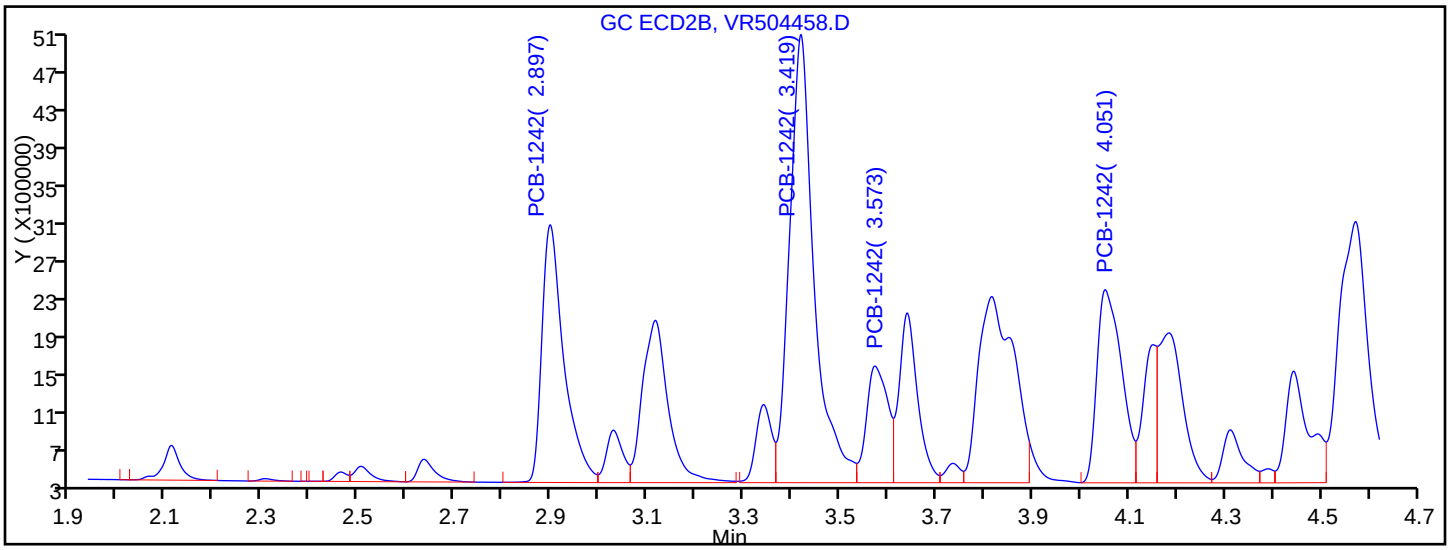
Injection Date:	11-Nov-2015 10:09:23	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-25-A	Lab Sample ID:	460-104096-25		
Client ID:	PMP-8-NW2-V				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.503	Response = 387482	
RT = 2.897	Response = 8520860	
RT = 3.419	Response = 15983583	M
RT = 3.573	Response = 3458579	M
RT = 4.051	Response = 7150426	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 2.897	Response = 8520860	
RT = 3.419	Response = 16667267	M
RT = 3.573	Response = 3770468	M
RT = 4.051	Response = 7211388	M

Reviewer: patelji, 11-Nov-2015 10:32:21

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT | Lab Sample ID: 460-104096-26

Matrix: Solid | Lab File ID: VR504459.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:06

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0342(g) | Date Analyzed: 11/11/2015 10:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	130000		7000	920

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D
Lims ID: 460-104096-E-26-B Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 10:25:09 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034109-007
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:12:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.643	1.640	0.003	1800128	20.0	M
2	1.430	1.420	0.010	2769132	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.230	3.242	-0.012	2492446	1860.0	
1	3.744	3.756	-0.012	5454934	1909.3	M
1	4.309	4.321	-0.012	9273750	1965.5	M
1	4.479	4.491	-0.012	4219232	1977.0	M
1	5.605	5.613	-0.008	3626449	1921.6	M
		Average of Peak Amounts =			1926.7	
2	2.504	2.506	-0.002	4166261	1896.5	M
2	2.897	2.897	0.000	8051888	1824.3	M
2	3.418	3.418	0.000	15947246	1798.1	M
2	3.571	3.572	-0.001	6128768	1827.5	M
2	4.052	4.052	0.000	6385847	1759.0	M
		Average of Peak Amounts =			1821.1	
					RPD = 5.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

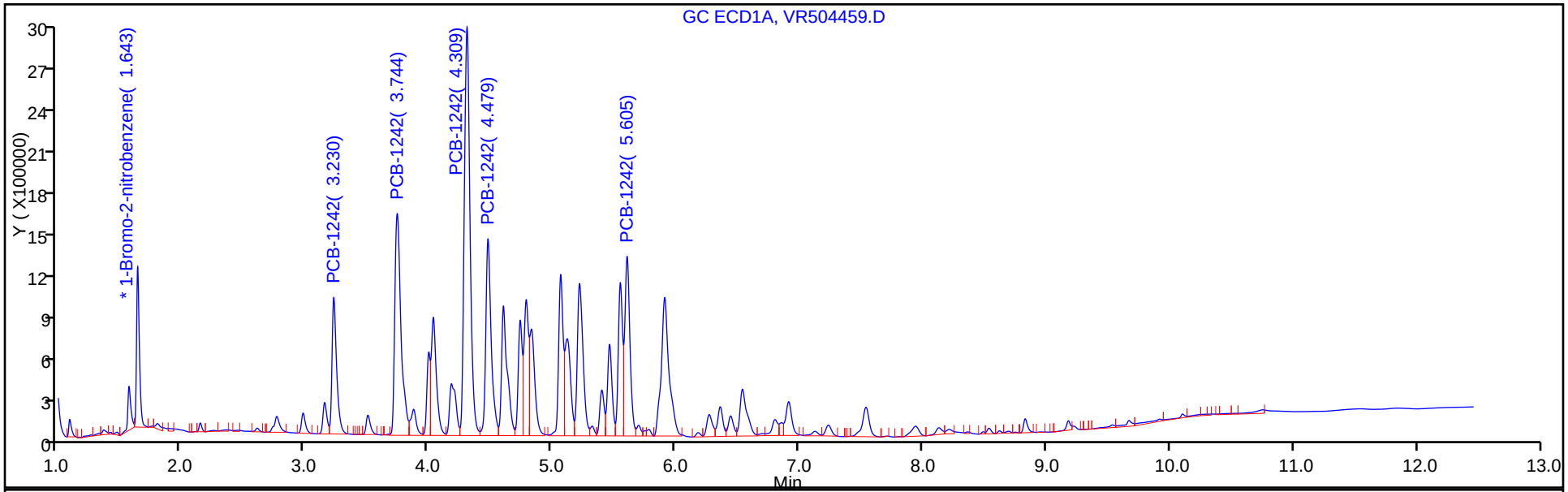
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

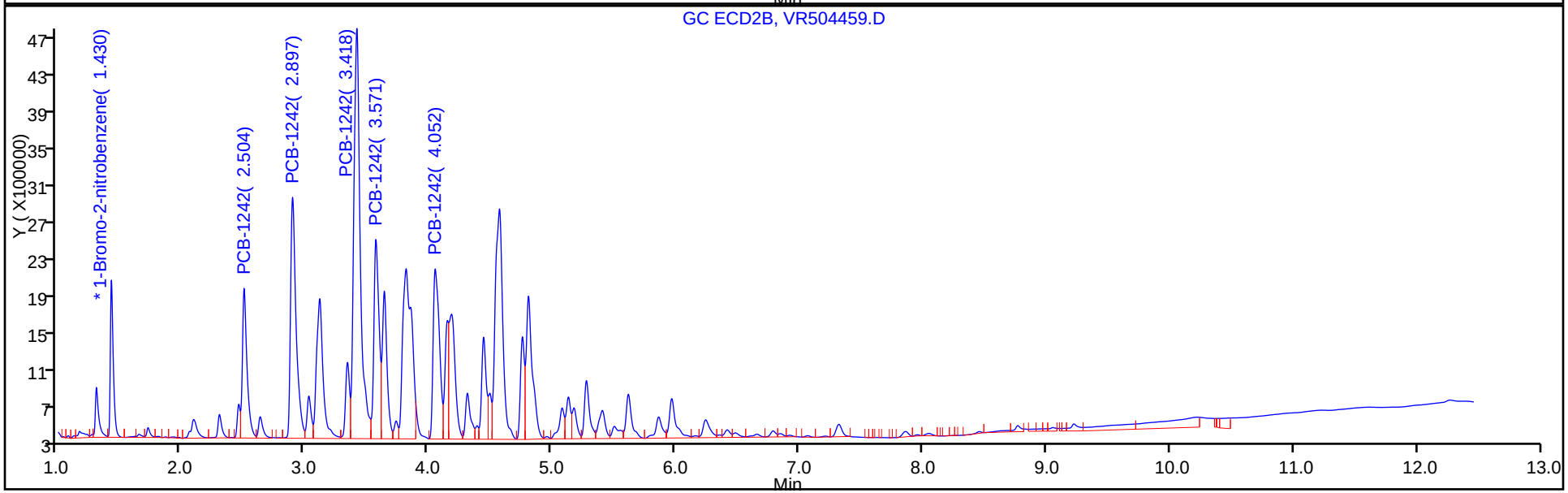
Report Date: 11-Nov-2015 15:56:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D

Injection Date:	11-Nov-2015 10:25:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-26-B	Lab Sample ID:	460-104096-26	Worklist Smp#:	7
Client ID:	PMP-9-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	7
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





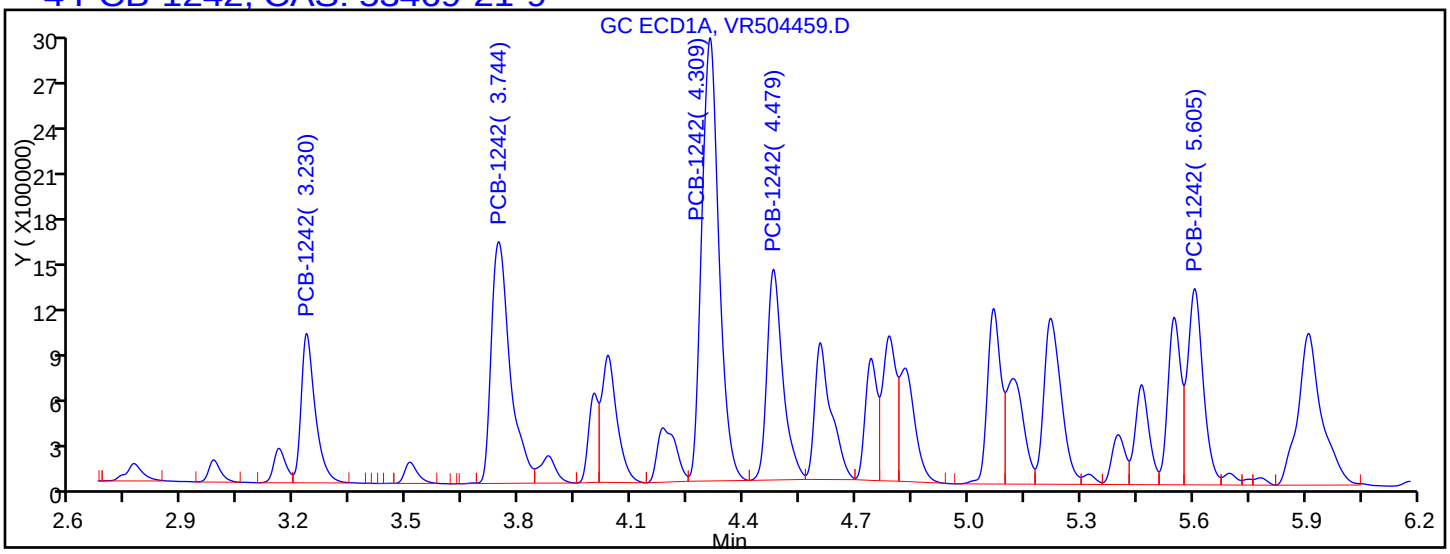
Report Date: 11-Nov-2015 15:56:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D

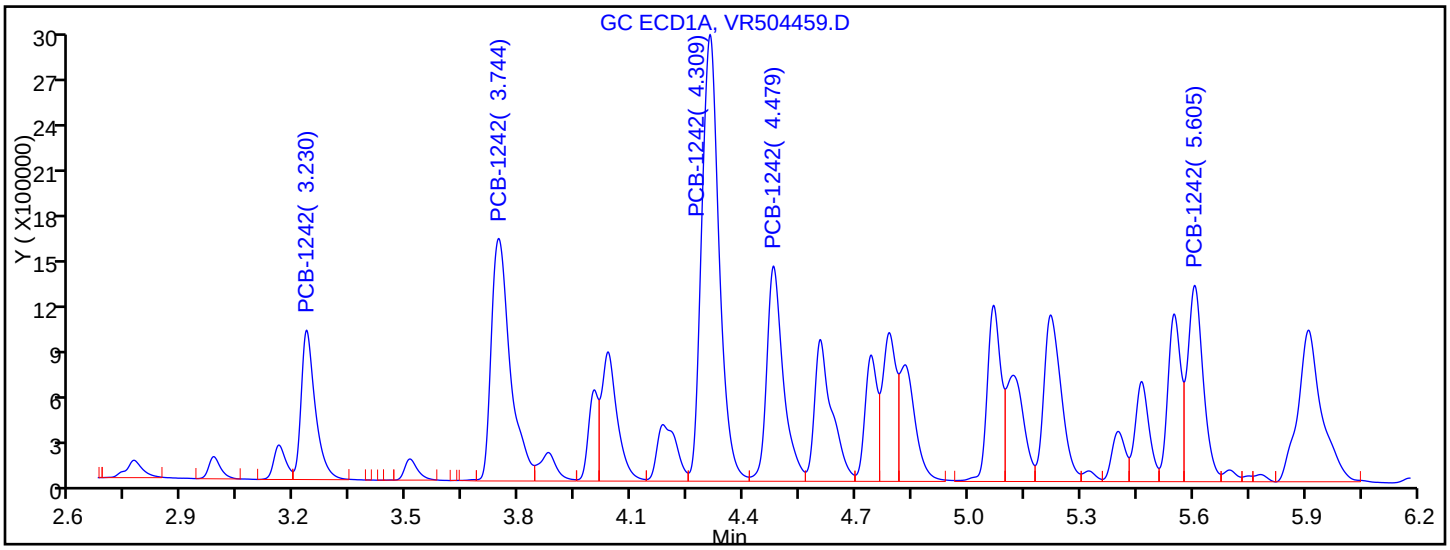
Injection Date:	11-Nov-2015 10:25:09	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-26-B	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:	615	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.230	Response = 2492446	
RT = 3.744	Response = 5399184	M
RT = 4.309	Response = 9046669	M
RT = 4.479	Response = 3954605	M
RT = 5.605	Response = 3622948	M



Manual Integration Results

RT = 3.230	Response = 2492446	
RT = 3.744	Response = 5454934	M
RT = 4.309	Response = 9273750	M
RT = 4.479	Response = 4219232	M
RT = 5.605	Response = 3626449	M

Reviewer: patelji, 11-Nov-2015 11:12:15

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

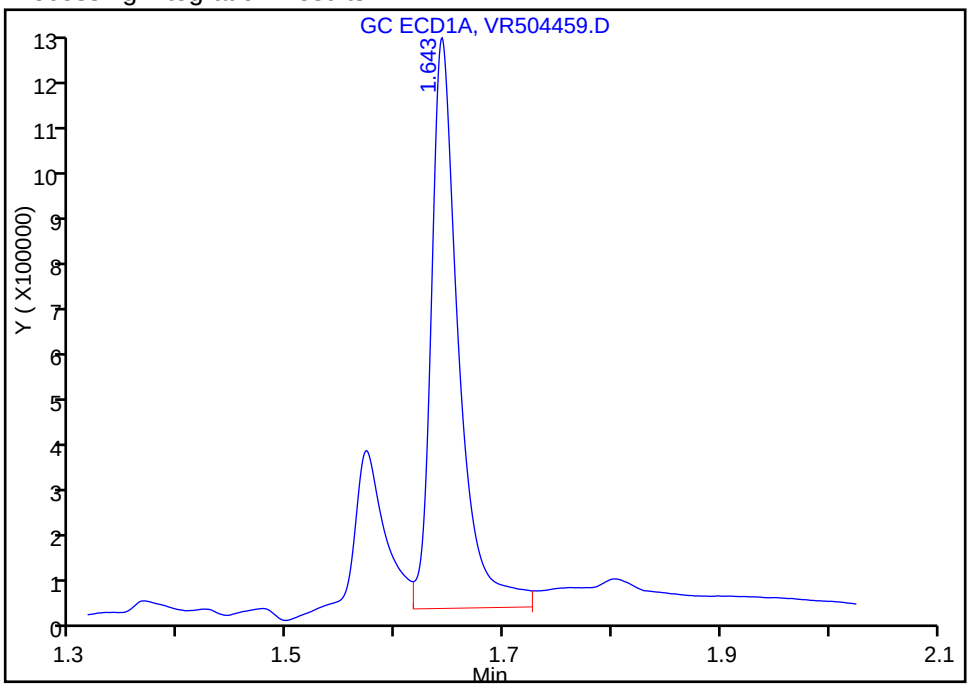
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D				
Injection Date:	11-Nov-2015 10:25:09	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-26-B	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:	615	ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	100.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

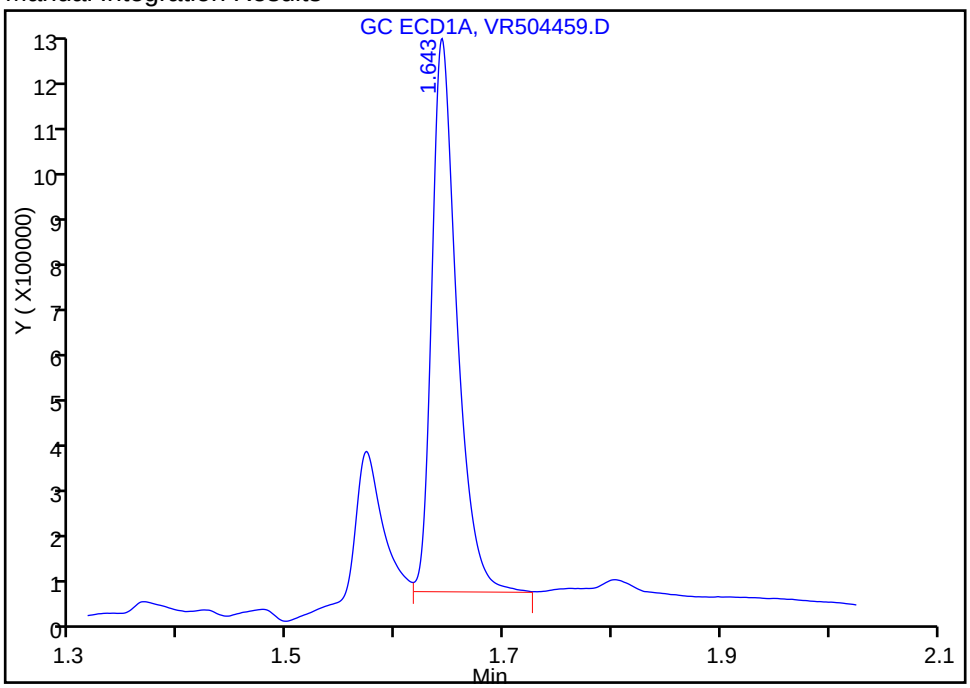
Processing Integration Results

RT: 1.64
Area: 2022839
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1800128
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:12:15
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT | Lab Sample ID: 460-104096-26

Matrix: Solid | Lab File ID: VR504459.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:06

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0342(g) | Date Analyzed: 11/11/2015 10:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 100

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	920	U	7000	920
11104-28-2	Aroclor 1221	920	U	7000	920
11141-16-5	Aroclor 1232	920	U	7000	920
12672-29-6	Aroclor 1248	920	U	7000	920
11097-69-1	Aroclor 1254	950	U	7000	950
11096-82-5	Aroclor 1260	950	U	7000	950
37324-23-5	Aroclor 1262	950	U	7000	950
11100-14-4	Aroclor 1268	950	U	7000	950

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D
Lims ID: 460-104096-E-26-B Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 10:25:09 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 100.0000
Sample Info: 460-0034109-007
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:12:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.643	1.640	0.003	1800128	20.0	M
2	1.430	1.420	0.010	2769132	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.230	3.242	-0.012	2492446	1860.0	
1	3.744	3.756	-0.012	5454934	1909.3	M
1	4.309	4.321	-0.012	9273750	1965.5	M
1	4.479	4.491	-0.012	4219232	1977.0	M
1	5.605	5.613	-0.008	3626449	1921.6	M
		Average of Peak Amounts =			1926.7	
2	2.504	2.506	-0.002	4166261	1896.5	M
2	2.897	2.897	0.000	8051888	1824.3	M
2	3.418	3.418	0.000	15947246	1798.1	M
2	3.571	3.572	-0.001	6128768	1827.5	M
2	4.052	4.052	0.000	6385847	1759.0	M
		Average of Peak Amounts =			1821.1	
					RPD = 5.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

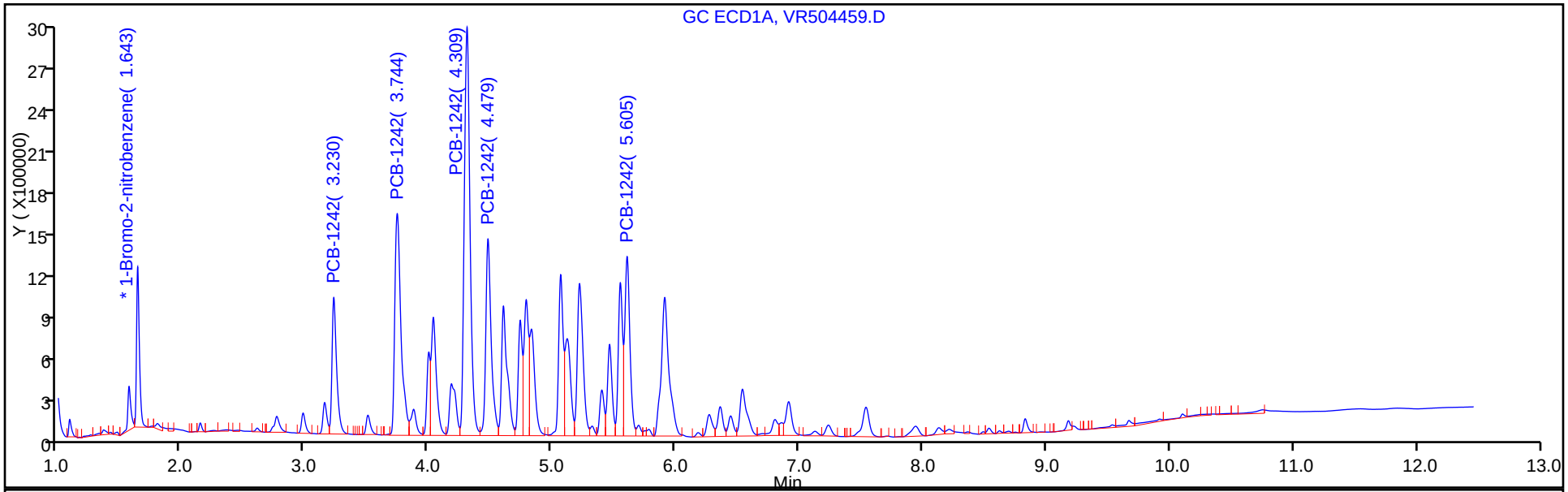
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

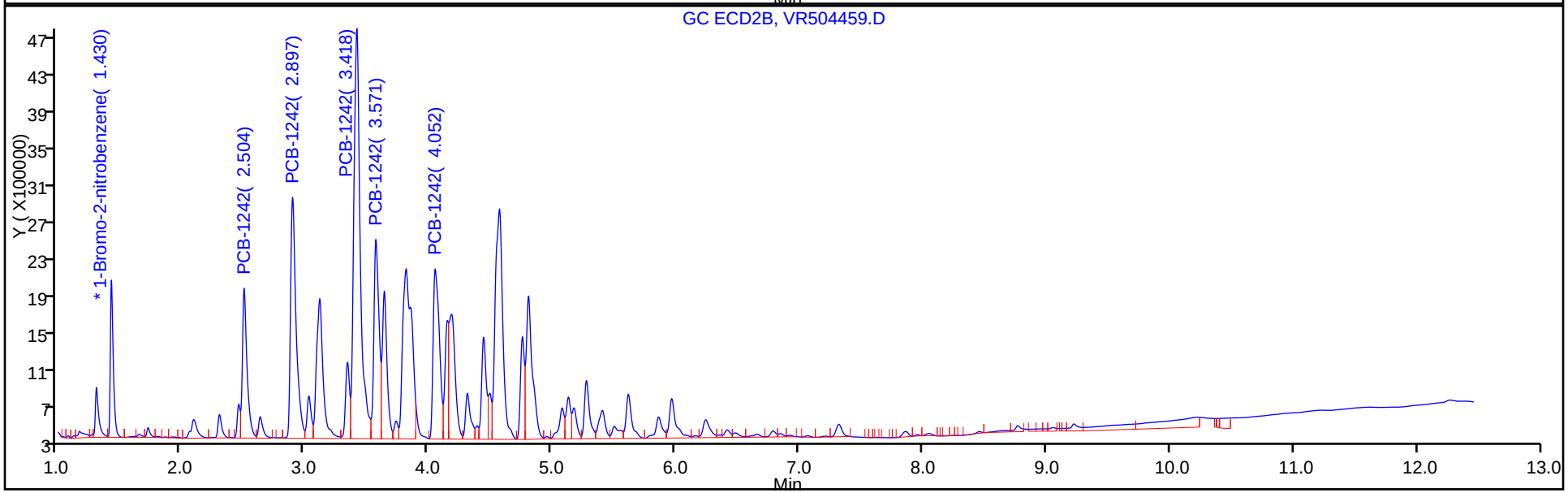
Report Date: 11-Nov-2015 15:56:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D

Injection Date:	11-Nov-2015 10:25:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-26-B	Lab Sample ID:	460-104096-26	Worklist Smp#:	7
Client ID:	PMP-9-NW2-WT				
Injection Vol:	1.0 ul	Dil. Factor:	100.0000	ALS Bottle#:	7
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		

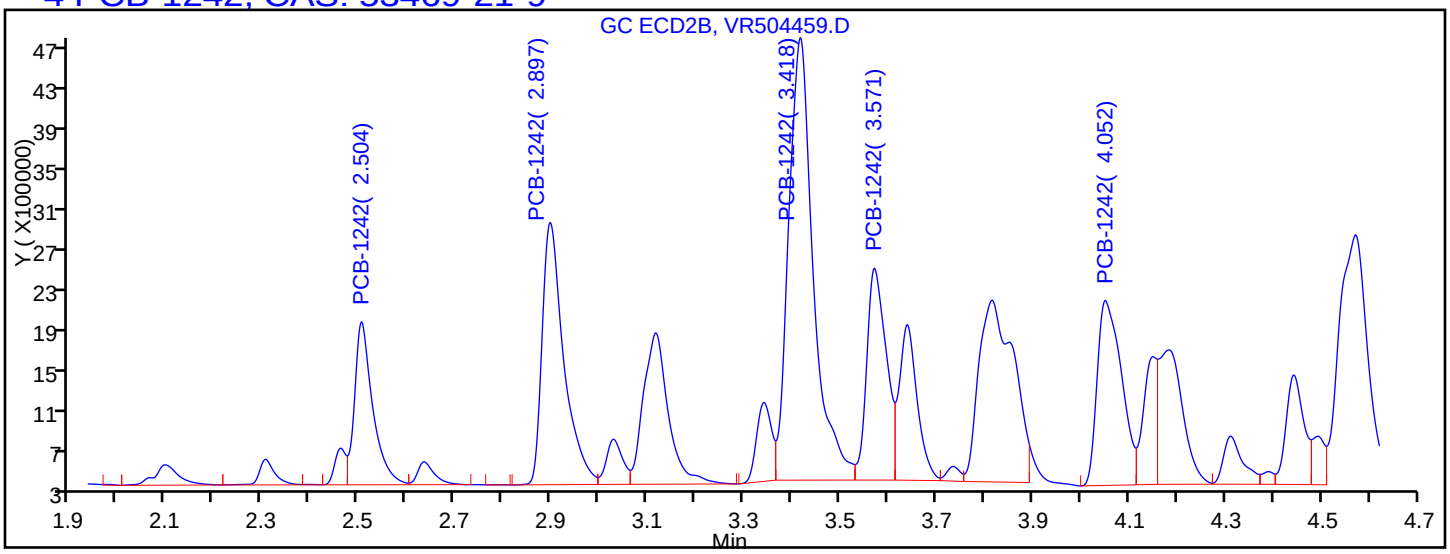




Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504459.D

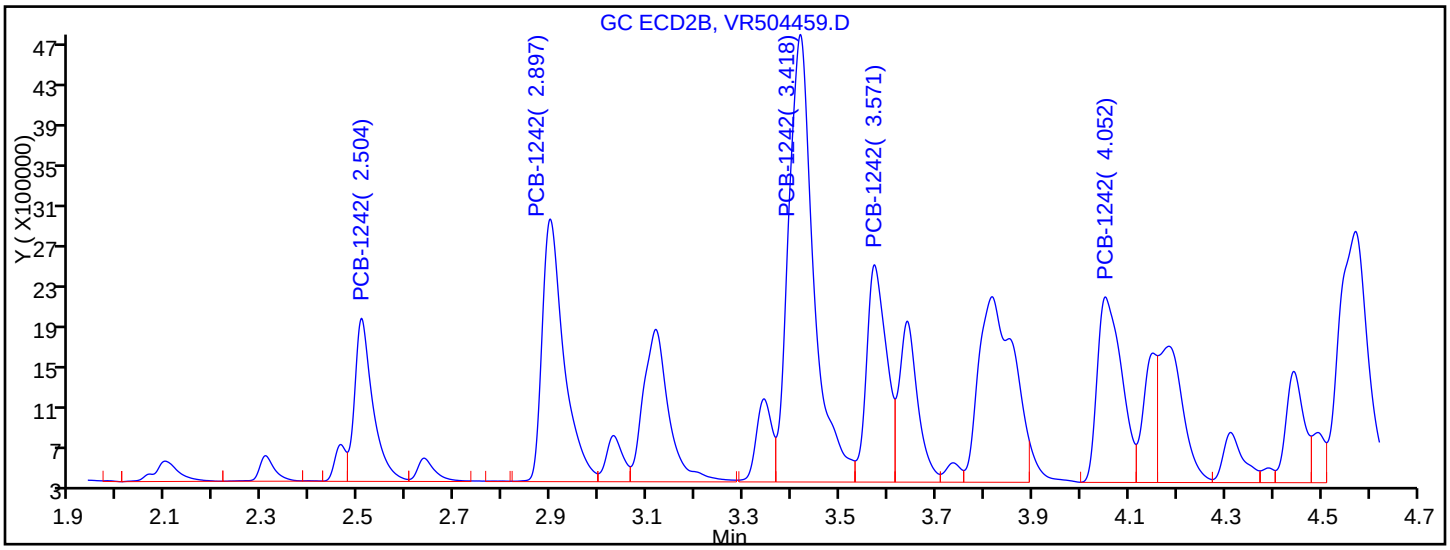
Injection Date:	11-Nov-2015 10:25:09	Instrument ID:	CPESTGC9
Lims ID:	460-104096-E-26-B	Lab Sample ID:	460-104096-26
Client ID:	PMP-9-NW2-WT		
Operator ID:	615	ALS Bottle#:	7 Worklist Smp#: 7
Injection Vol:	1.0 ul	Dil. Factor:	100.0000
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD
Column:		Detector	GC ECD2B

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.504	Response = 4142213	M
RT = 2.897	Response = 7985126	M
RT = 3.418	Response = 15411542	M
RT = 3.571	Response = 5851985	M
RT = 4.052	Response = 6336102	M



Manual Integration Results

RT = 2.504	Response = 4166261	M
RT = 2.897	Response = 8051888	M
RT = 3.418	Response = 15947246	M
RT = 3.571	Response = 6128768	M
RT = 4.052	Response = 6385847	M

Reviewer: patelji, 11-Nov-2015 11:12:15
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-S | Lab Sample ID: 460-104096-27

Matrix: Solid | Lab File ID: VR504460.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:01

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/11/2015 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	73000		3900	510

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D
Lims ID: 460-104096-A-27-A Lab Sample ID: 460-104096-27
Client ID: PMP-9-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 10:40:57 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034109-008
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:07:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.645	1.640	0.005	1775540	20.0	M
2	1.432	1.420	0.012	2636918	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.232	3.242	-0.010	2432441	1840.3	
1	3.745	3.756	-0.011	5282372	1874.5	
1	4.310	4.321	-0.011	9113790	1958.3	M
1	4.479	4.491	-0.012	4176182	1984.0	M
1	5.606	5.613	-0.007	3553627	1909.1	
		Average of Peak Amounts =			1913.2	
2	2.506	2.506	0.000	3965477	1895.6	M
2	2.898	2.897	0.001	8074732	1921.2	M
2	3.418	3.418	0.000	15995711	1894.0	M
2	3.572	3.572	0.000	6178724	1934.8	M
2	4.052	4.052	0.000	6447877	1865.1	M
		Average of Peak Amounts =			1902.2	
					RPD = 0.58	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.111	10.147	-0.036	85266	1.08	M
2	9.227	9.235	-0.008	180229	1.33	M
					RPD = 21.12	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

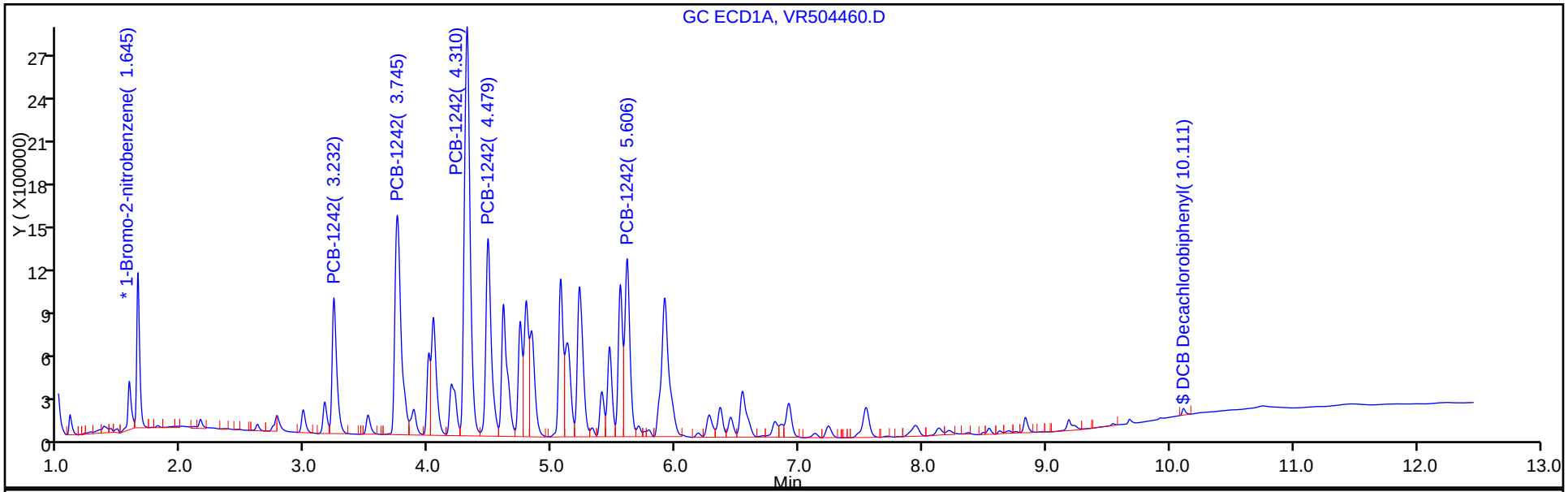
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

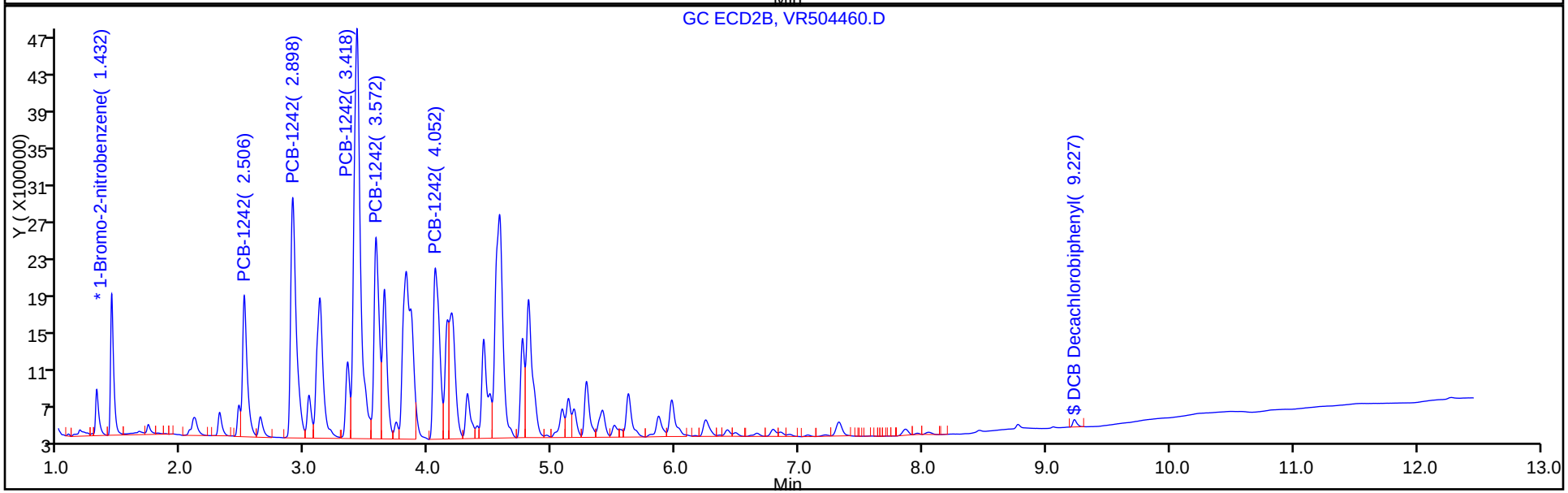
Report Date: 11-Nov-2015 15:56:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D

Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27	Worklist Smp#:	8
Client ID:	PMP-9-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

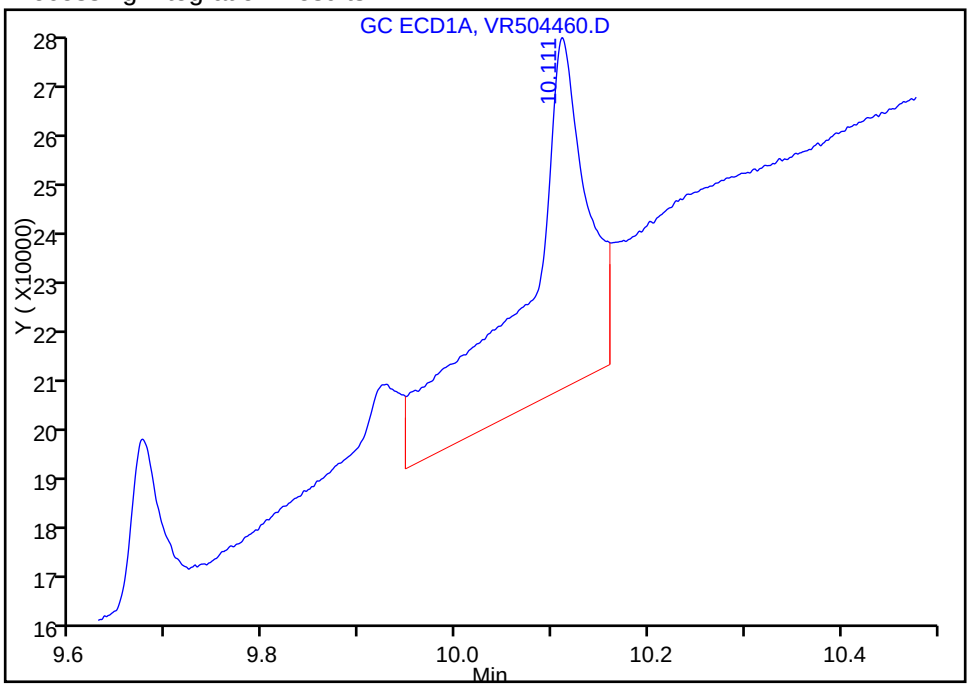
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D				
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27		
Client ID:	PMP-9-NW2-S				
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

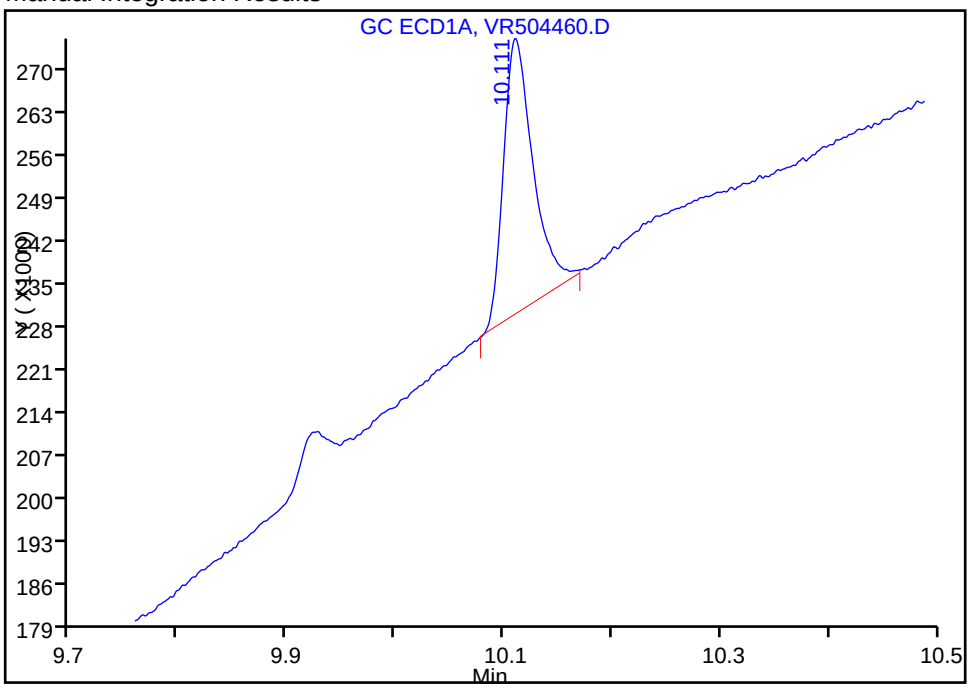
Processing Integration Results

RT: 10.11
Area: 309160
Amount: 3.627186
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 85266
Amount: 1.079494
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:11:16
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

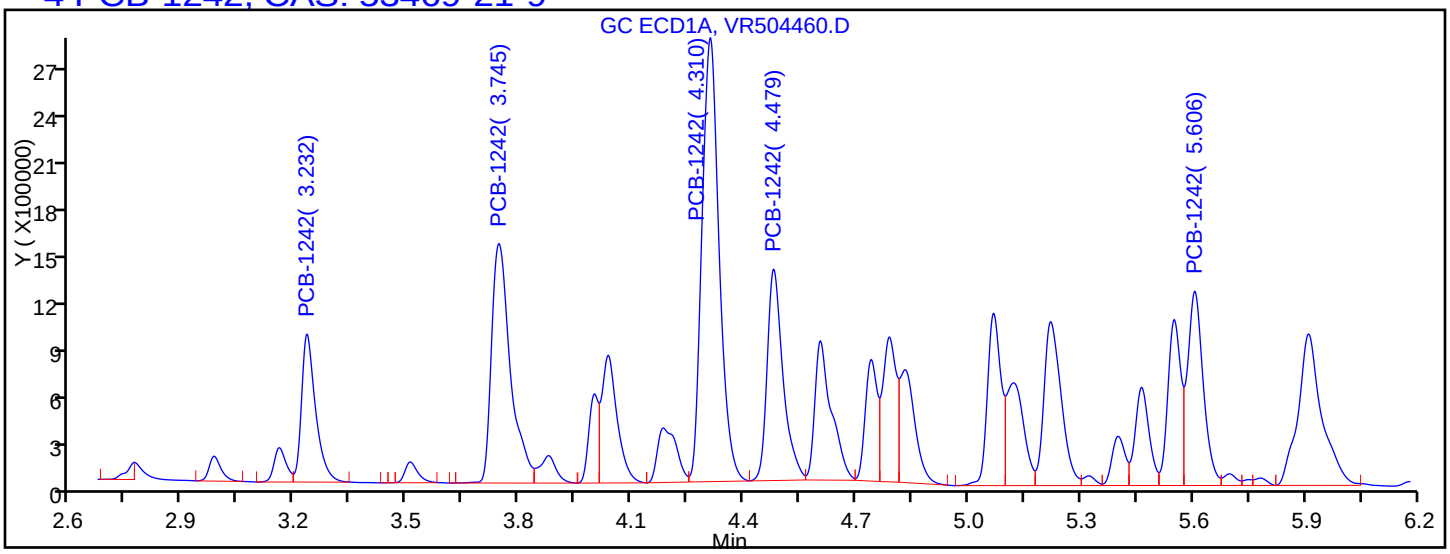
Report Date: 11-Nov-2015 15:56:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D

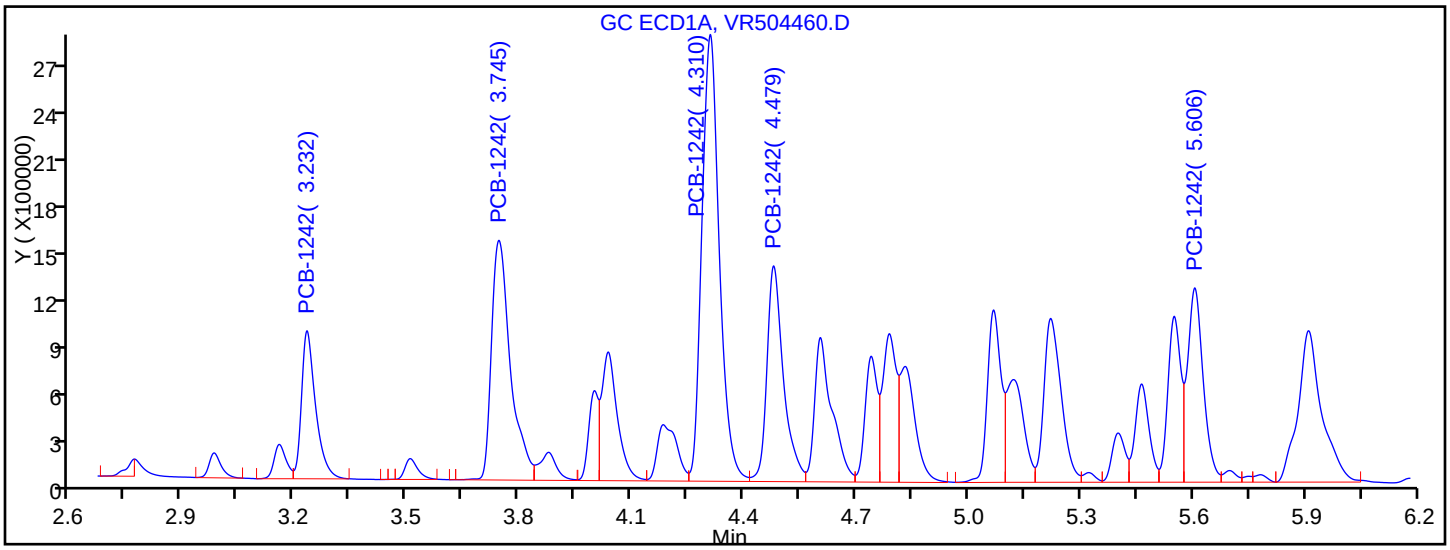
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27		
Client ID:	PMP-9-NW2-S				
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.232	Response = 2432441	
RT = 3.745	Response = 5282372	
RT = 4.310	Response = 8924860	M
RT = 4.479	Response = 3926000	M
RT = 5.606	Response = 3553627	



Manual Integration Results

RT = 3.232	Response = 2432441	
RT = 3.745	Response = 5282372	
RT = 4.310	Response = 9113790	M
RT = 4.479	Response = 4176182	M
RT = 5.606	Response = 3553627	

Reviewer: patelji, 11-Nov-2015 11:11:16

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

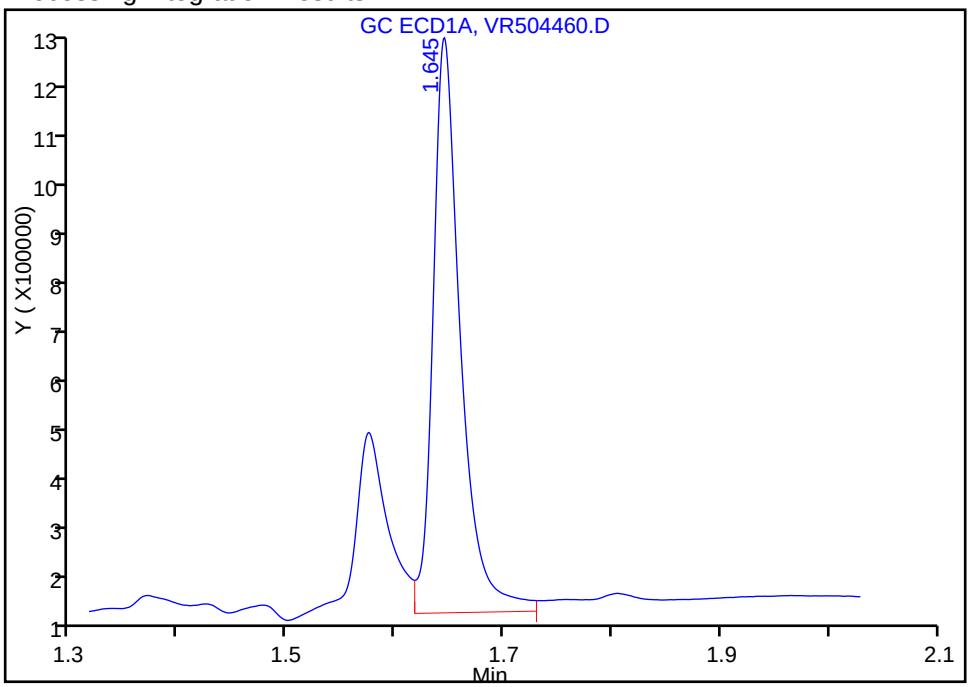
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D				
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27		
Client ID:	PMP-9-NW2-S				
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

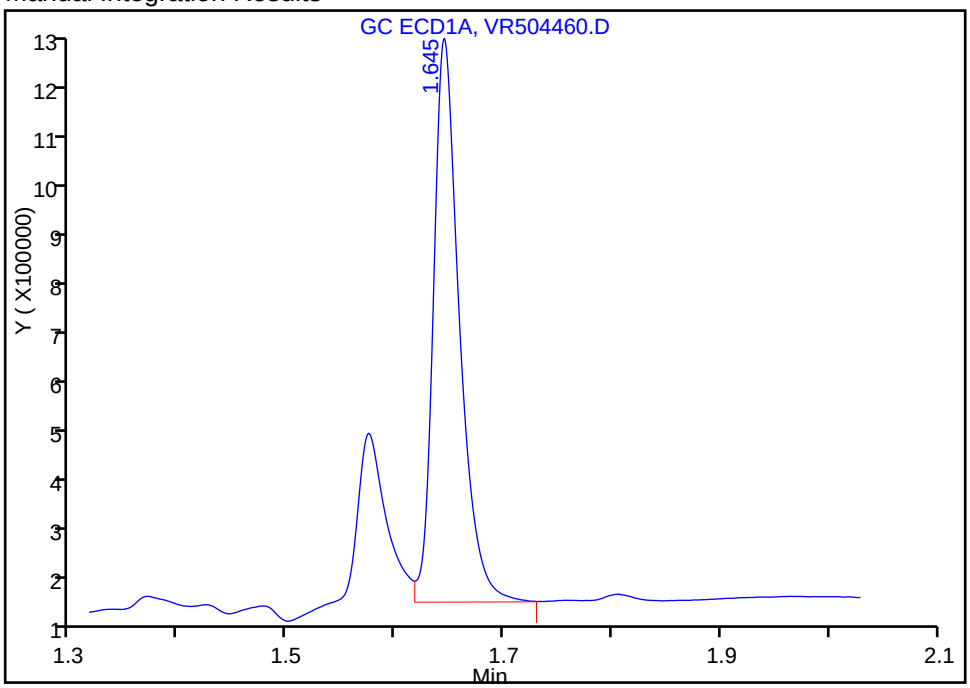
Processing Integration Results

RT: 1.64
Area: 1915967
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1775540
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 11:11:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-S | Lab Sample ID: 460-104096-27

Matrix: Solid | Lab File ID: VR504460.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:01

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0038(g) | Date Analyzed: 11/11/2015 10:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334642 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	510	U	3900	510
11104-28-2	Aroclor 1221	510	U	3900	510
11141-16-5	Aroclor 1232	510	U	3900	510
12672-29-6	Aroclor 1248	510	U	3900	510
11097-69-1	Aroclor 1254	530	U	3900	530
11096-82-5	Aroclor 1260	530	U	3900	530
37324-23-5	Aroclor 1262	530	U	3900	530
11100-14-4	Aroclor 1268	530	U	3900	530

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D
Lims ID: 460-104096-A-27-A Lab Sample ID: 460-104096-27
Client ID: PMP-9-NW2-S
Sample Type: Client
Inject. Date: 11-Nov-2015 10:40:57 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034109-008
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 11:07:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.645	1.640	0.005	1775540	20.0	M
2	1.432	1.420	0.012	2636918	20.0	
					RPD = 0.00	
4 PCB-1242						M
1	3.232	3.242	-0.010	2432441	1840.3	
1	3.745	3.756	-0.011	5282372	1874.5	
1	4.310	4.321	-0.011	9113790	1958.3	M
1	4.479	4.491	-0.012	4176182	1984.0	M
1	5.606	5.613	-0.007	3553627	1909.1	
		Average of Peak Amounts =			1913.2	
2	2.506	2.506	0.000	3965477	1895.6	M
2	2.898	2.897	0.001	8074732	1921.2	M
2	3.418	3.418	0.000	15995711	1894.0	M
2	3.572	3.572	0.000	6178724	1934.8	M
2	4.052	4.052	0.000	6447877	1865.1	M
		Average of Peak Amounts =			1902.2	
					RPD = 0.58	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.111	10.147	-0.036	85266	1.08	M
2	9.227	9.235	-0.008	180229	1.33	M
					RPD = 21.12	

QC Flag Legend

Review Flags

M - Manually Integrated

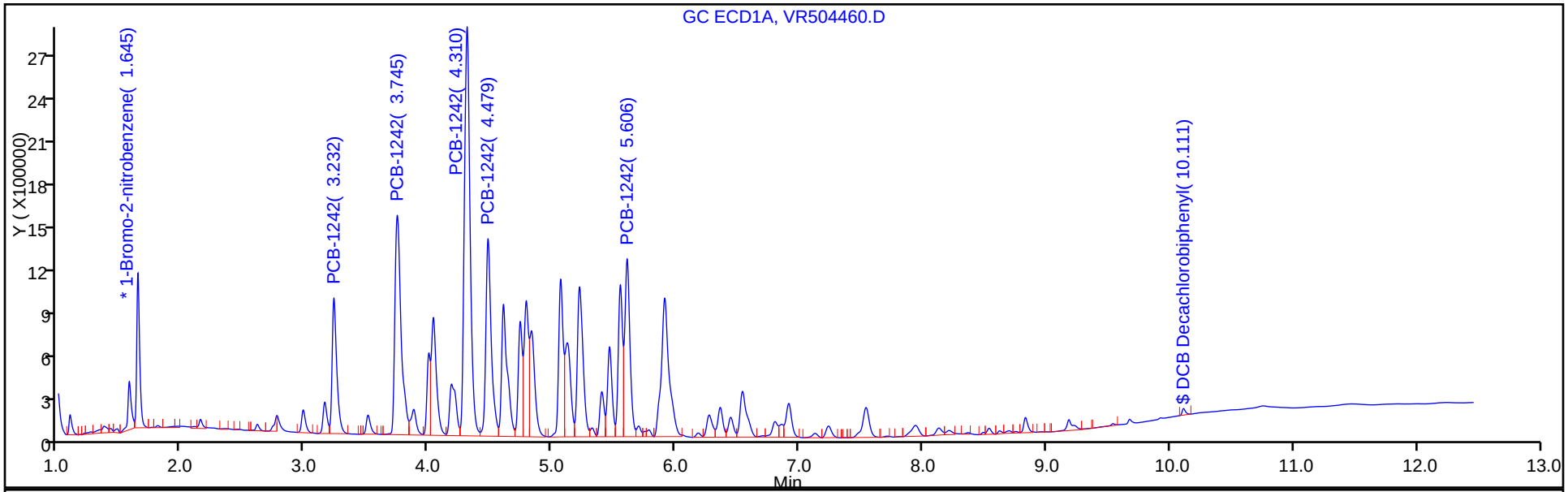
Reagents:

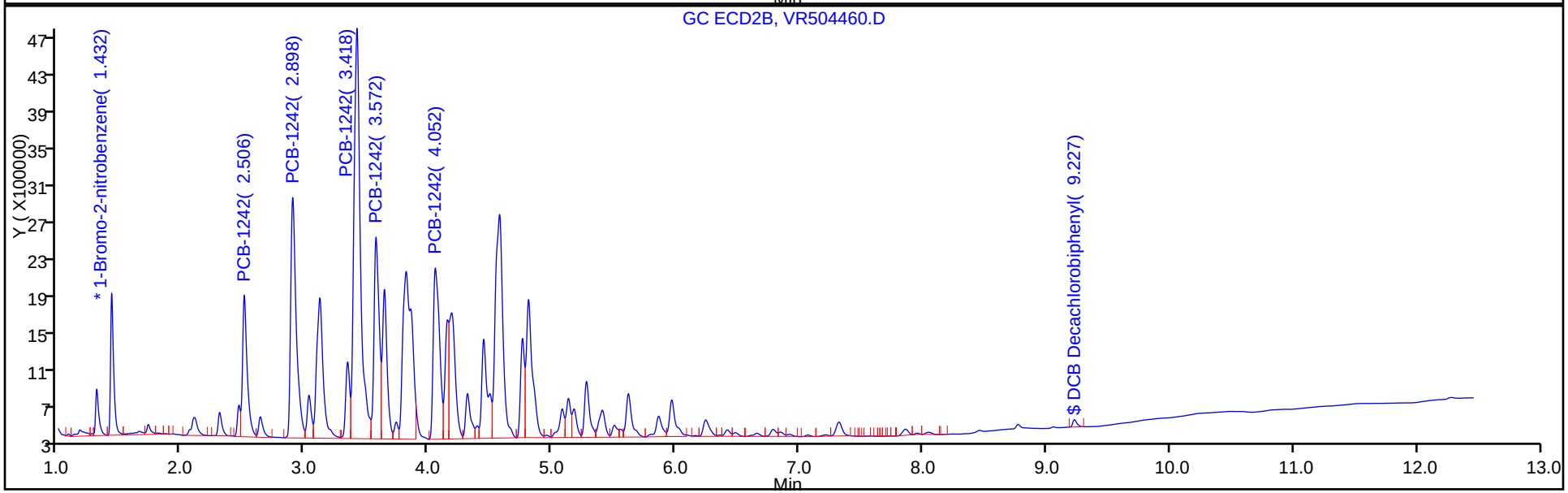
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 15:56:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D				
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27	Worklist Smp#:	8
Client ID:	PMP-9-NW2-S				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

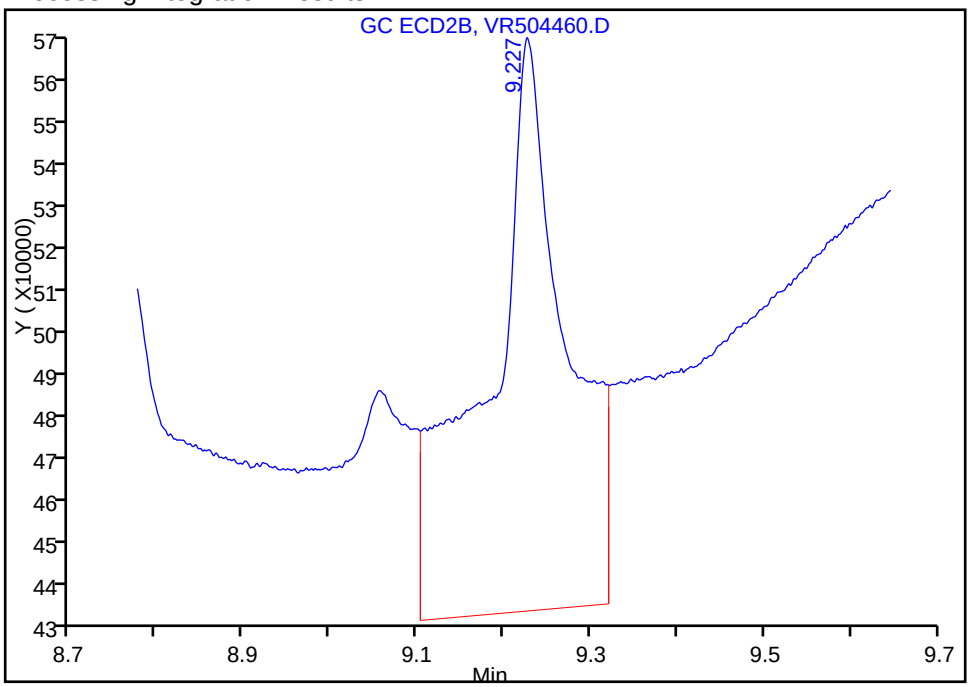
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D				
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27		
Client ID:	PMP-9-NW2-S				
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

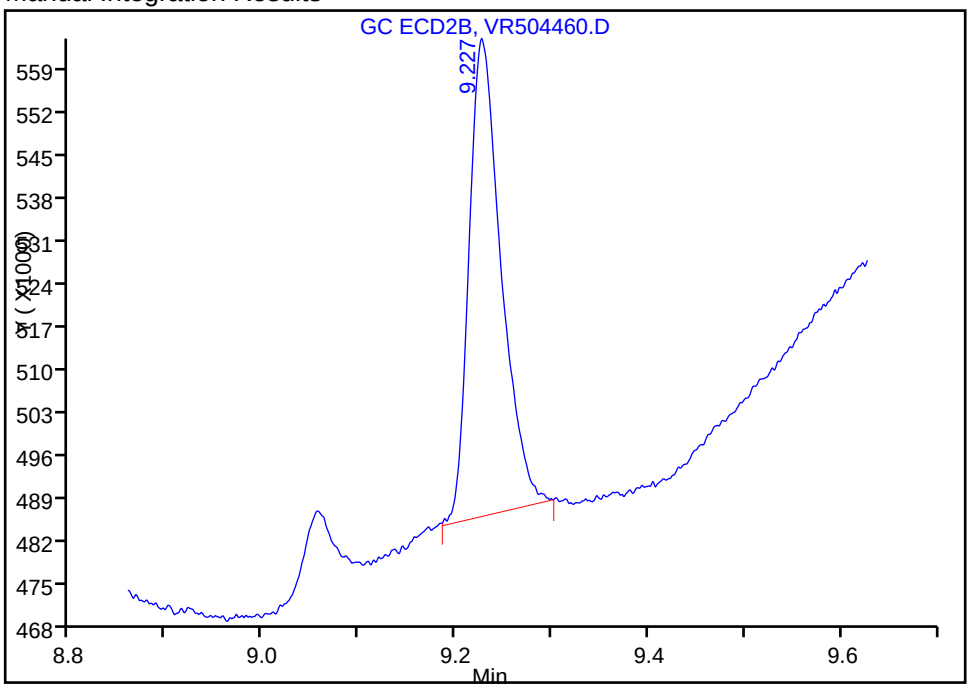
Processing Integration Results

RT: 9.23
Area: 781054
Amount: 5.782806
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 180229
Amount: 1.334388
Amount Units: ug/l



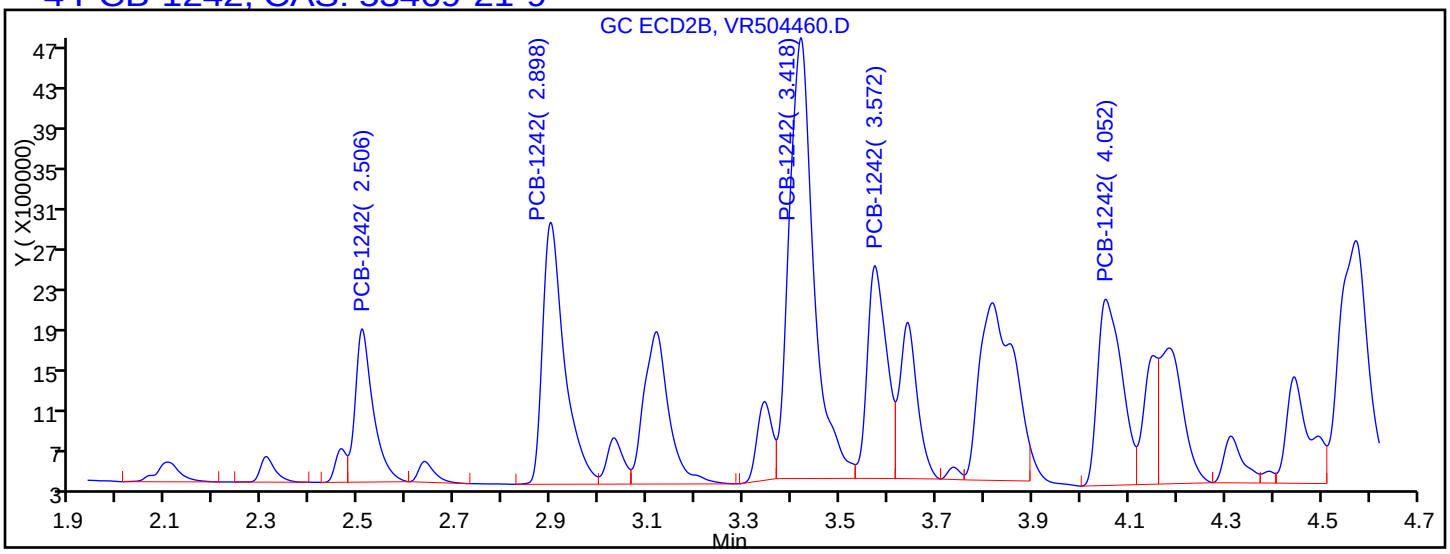
Reviewer: patelji, 11-Nov-2015 11:11:16
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504460.D

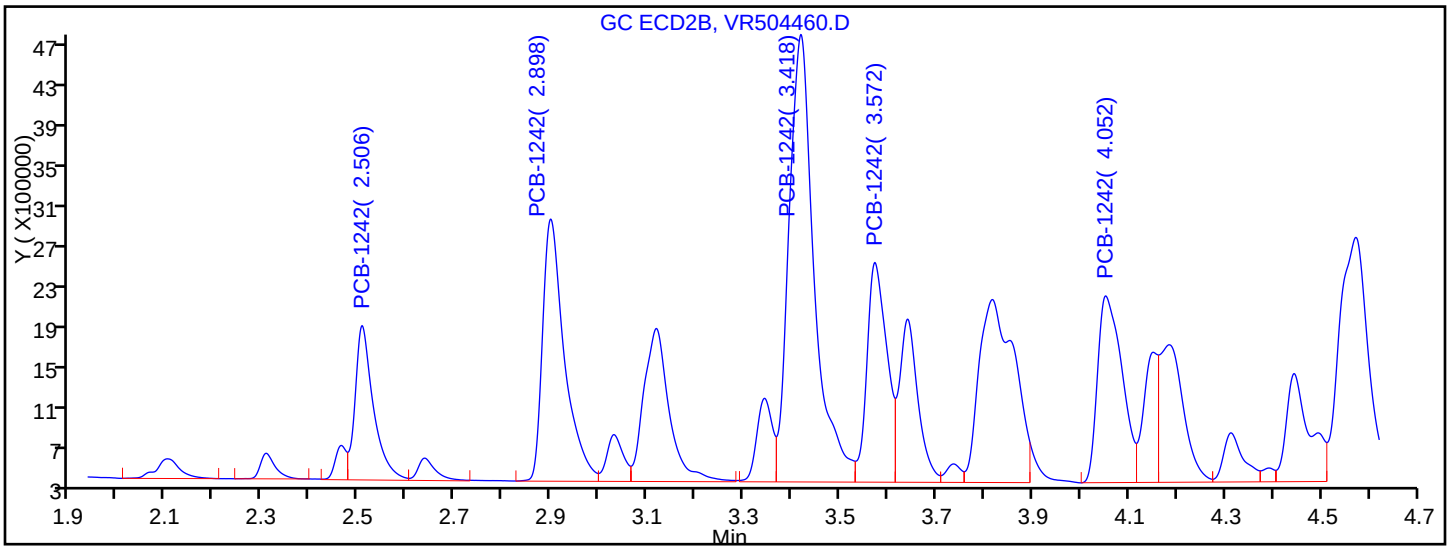
Injection Date:	11-Nov-2015 10:40:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-27-A	Lab Sample ID:	460-104096-27		
Client ID:	PMP-9-NW2-S				
Operator ID:	615	ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.506	Response = 3860775	M
RT = 2.898	Response = 8046906	M
RT = 3.418	Response = 15343833	M
RT = 3.572	Response = 5836537	M
RT = 4.052	Response = 6414571	M



Manual Integration Results

RT = 2.506	Response = 3965477	M
RT = 2.898	Response = 8074732	M
RT = 3.418	Response = 15995711	M
RT = 3.572	Response = 6178724	M
RT = 4.052	Response = 6447877	M

Reviewer: patelji, 11-Nov-2015 11:11:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-12.75 | Lab Sample ID: 460-104096-28

Matrix: Solid | Lab File ID: VR504428.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:03

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0117(g) | Date Analyzed: 11/10/2015 21:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	520		77	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504428.D
Lims ID: 460-104096-A-28-A Lab Sample ID: 460-104096-28
Client ID: PMP-9-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 21:46:35 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-018
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:55:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.646	-0.002	1708048	20.0	
2	1.432	1.429	0.003	2726156	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.232	3.242	-0.010	1012790	796.5	
1	3.746	3.756	-0.010	1824802	673.1	
1	4.312	4.321	-0.009	2979266	665.5	
1	4.481	4.491	-0.010	1269379	626.9	
1	5.607	5.613	-0.006	1139061	636.1	
		Average of Peak Amounts =			679.6	
2	2.507	2.506	0.001	1323153	611.8	
2	2.899	2.897	0.002	3075337	707.8	
2	3.419	3.418	0.001	5266544	603.2	
2	3.573	3.572	0.001	1961221	594.0	
2	4.054	4.052	0.002	2158111	603.8	
		Average of Peak Amounts =			624.1	
					RPD = 8.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.072	10.133	-0.061	3609599	47.5	M
2	9.212	9.236	-0.024	6731022	48.2	
					RPD = 1.46	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

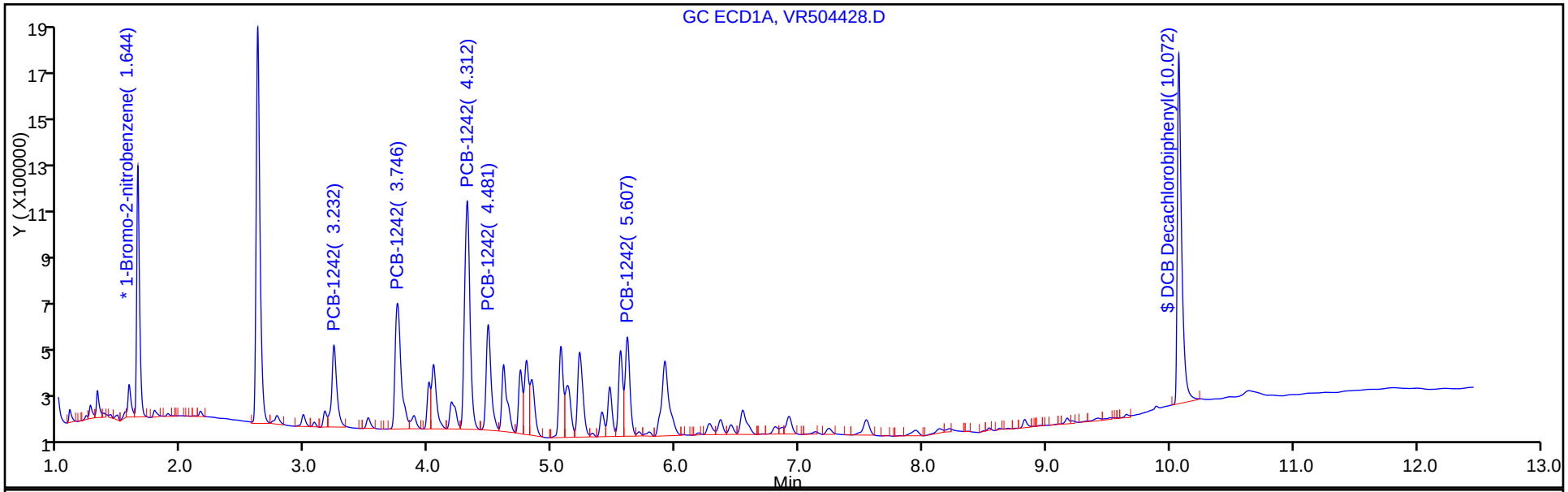
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

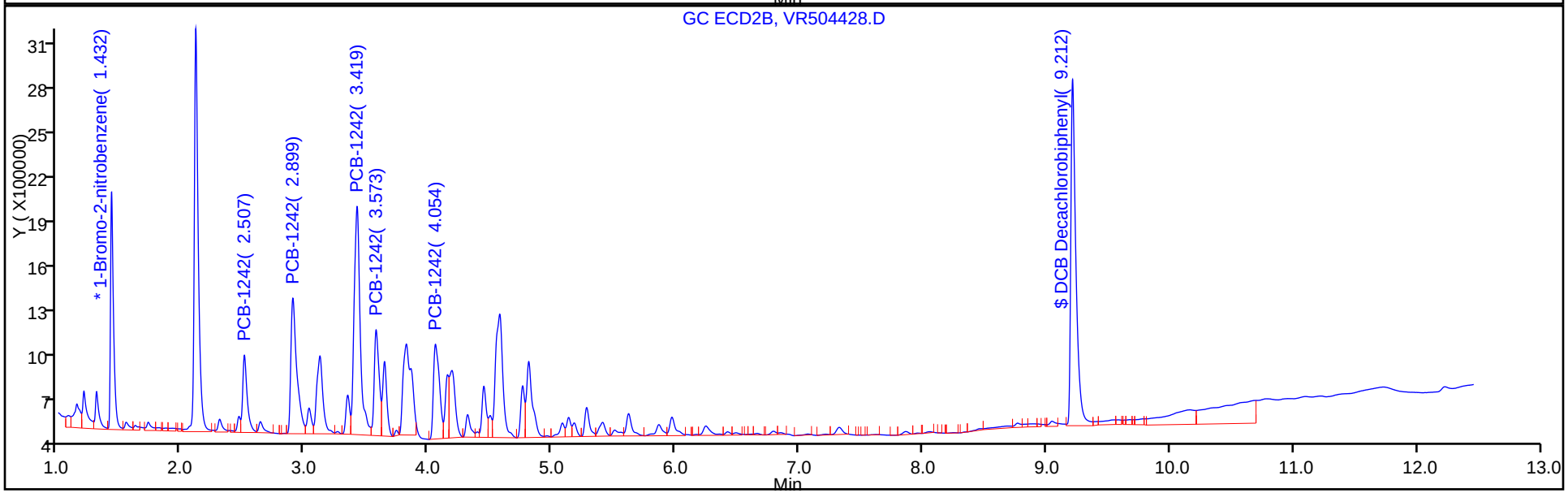
Report Date: 11-Nov-2015 13:15:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504428.D

Injection Date:	10-Nov-2015 21:46:35	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-28-A	Lab Sample ID:	460-104096-28	Worklist Smp#:	18
Client ID:	PMP-9-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

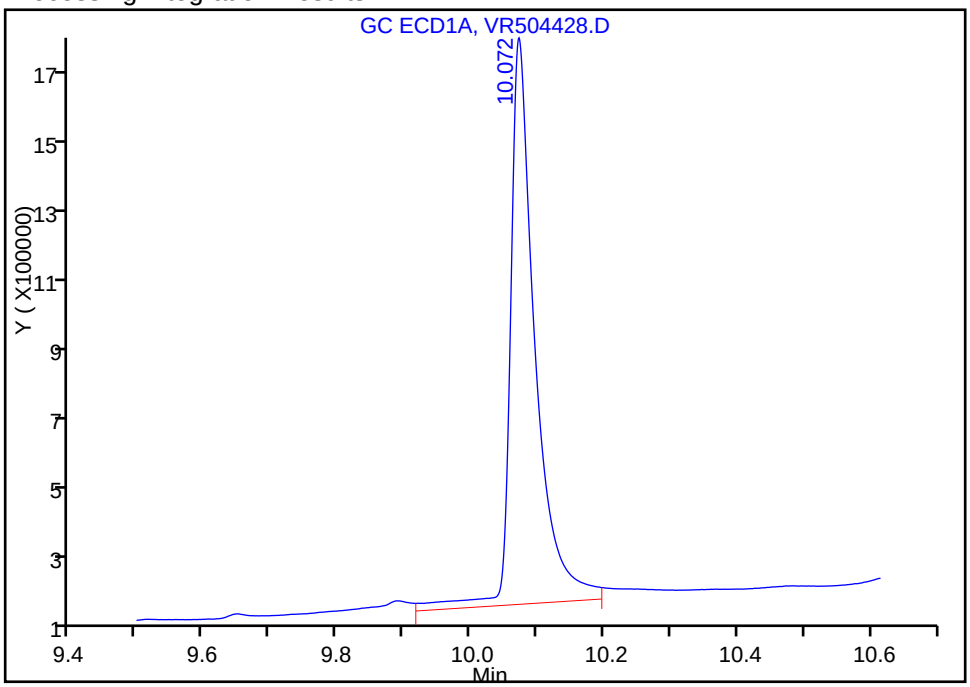
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504428.D				
Injection Date:	10-Nov-2015 21:46:35	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-28-A	Lab Sample ID:	460-104096-28		
Client ID:	PMP-9-NW2-12.75				
Operator ID:	615	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

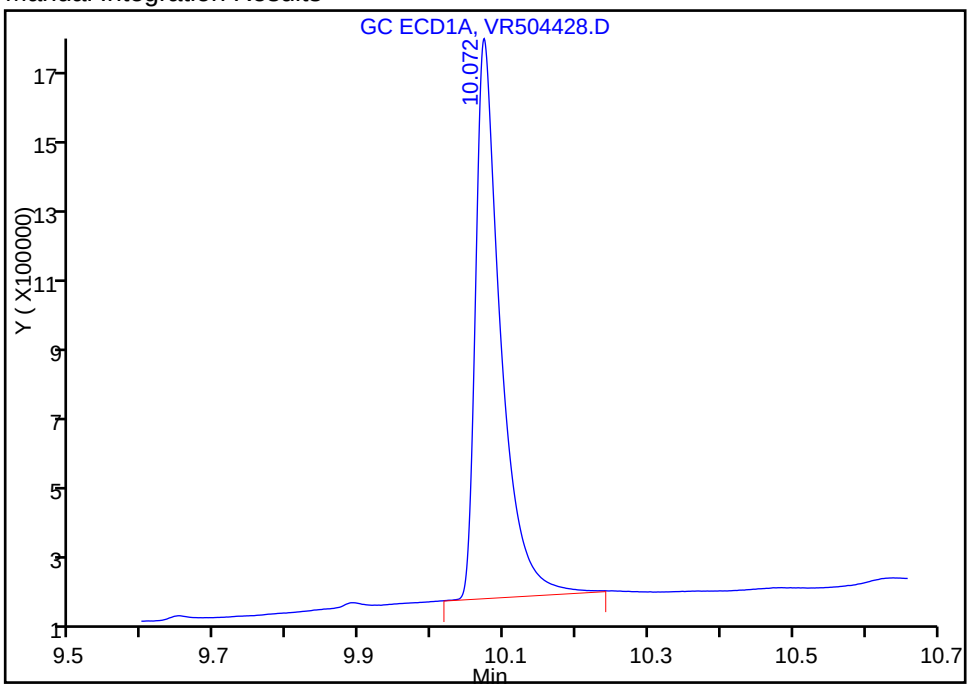
Processing Integration Results

RT: 10.07
Area: 3928531
Amount: 51.701688
Amount Units: ug/l



Manual Integration Results

RT: 10.07
Area: 3609599
Amount: 47.504363
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:18:15
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-12.75 | Lab Sample ID: 460-104096-28

Matrix: Solid | Lab File ID: VR504428.D

Analysis Method: 8082A | Date Collected: 11/05/2015 12:03

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0117(g) | Date Analyzed: 11/10/2015 21:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	10	U	77	10
11104-28-2	Aroclor 1221	10	U	77	10
11141-16-5	Aroclor 1232	10	U	77	10
12672-29-6	Aroclor 1248	10	U	77	10
11097-69-1	Aroclor 1254	11	U	77	11
11096-82-5	Aroclor 1260	11	U	77	11
37324-23-5	Aroclor 1262	11	U	77	11
11100-14-4	Aroclor 1268	11	U	77	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504428.D
Lims ID: 460-104096-A-28-A Lab Sample ID: 460-104096-28
Client ID: PMP-9-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 21:46:35 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-018
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 23:55:07

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.644	1.646	-0.002	1708048	20.0	
2	1.432	1.429	0.003	2726156	20.0	
					RPD = 0.00	
4 PCB-1242						
1	3.232	3.242	-0.010	1012790	796.5	
1	3.746	3.756	-0.010	1824802	673.1	
1	4.312	4.321	-0.009	2979266	665.5	
1	4.481	4.491	-0.010	1269379	626.9	
1	5.607	5.613	-0.006	1139061	636.1	
		Average of Peak Amounts =			679.6	
2	2.507	2.506	0.001	1323153	611.8	
2	2.899	2.897	0.002	3075337	707.8	
2	3.419	3.418	0.001	5266544	603.2	
2	3.573	3.572	0.001	1961221	594.0	
2	4.054	4.052	0.002	2158111	603.8	
		Average of Peak Amounts =			624.1	
					RPD = 8.51	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.072	10.133	-0.061	3609599	47.5	M
2	9.212	9.236	-0.024	6731022	48.2	
					RPD = 1.46	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

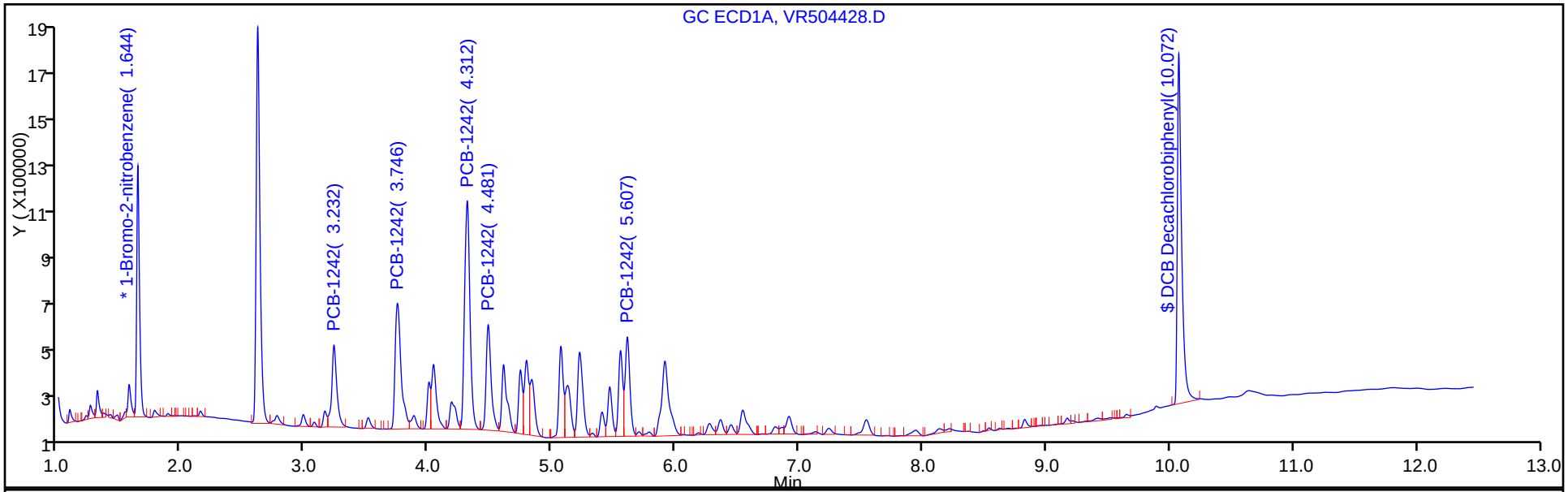
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

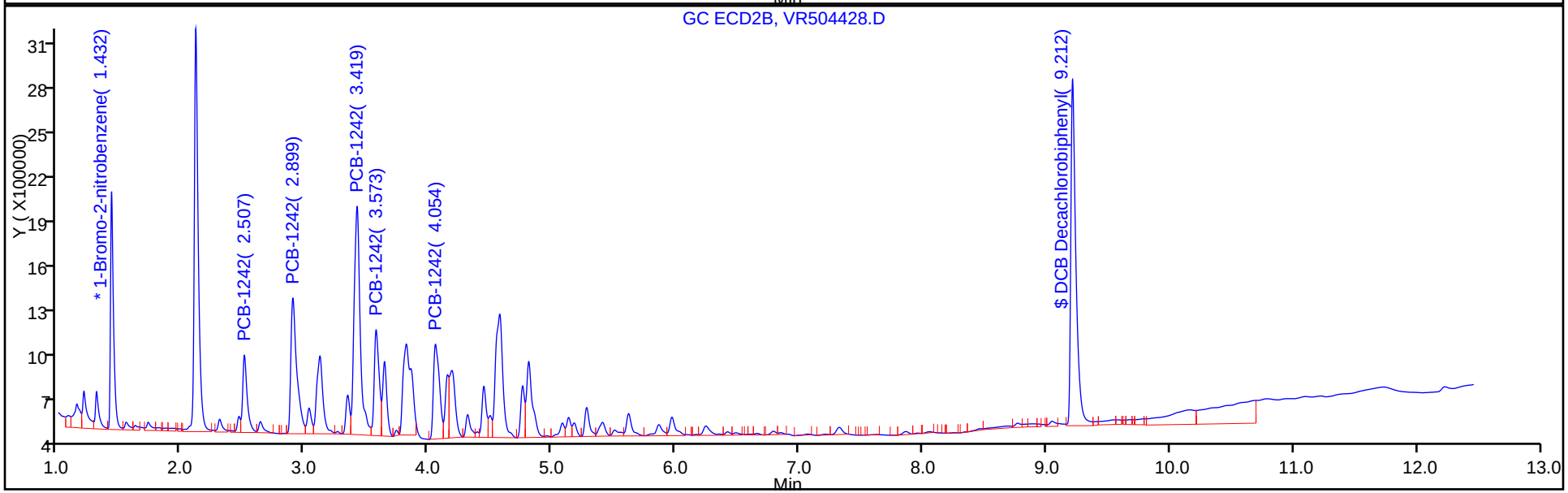
Report Date: 11-Nov-2015 13:15:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504428.D

Injection Date:	10-Nov-2015 21:46:35	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-28-A	Lab Sample ID:	460-104096-28	Worklist Smp#:	18
Client ID:	PMP-9-NW2-12.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: VR504429.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0104(g) | Date Analyzed: 11/10/2015 22:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	430		72	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D
Lims ID: 460-104096-F-29-B Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 22:02:22 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-019
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 10:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.644	1.646	-0.002	1745532	20.0	
2	1.431	1.429	0.002	2604477	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.231	3.242	-0.011	638362	491.3	
1	3.746	3.756	-0.010	980086	353.8	M
1	4.314	4.321	-0.007	2383071	520.9	M
1	4.478	4.491	-0.013	958148	463.0	M
1	5.607	5.613	-0.006	2182554	1192.7	
		Average of Peak Amounts =			604.3	
2	2.508	2.506	0.002	726916	351.8	M
2	2.900	2.897	0.003	1901621	458.1	M
2	3.421	3.418	0.003	4114070	493.2	M
2	3.577	3.572	0.005	1459825	462.8	M
2	4.054	4.052	0.002	3187754	933.6	
		Average of Peak Amounts =			539.9	
					RPD = 11.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	0.000	6.864	-6.864	0	0	
1	7.238	7.241	-0.003	445008	70.9	
1	8.535	8.543	-0.008	178470	46.2	
1	8.824	8.840	-0.016	424320	53.5	
1	9.646	9.692	-0.046	122808	58.5	M
		Average of Peak Amounts =			57.3	
2	0.000	5.501	-5.501	0	0	
2	6.790	6.787	0.003	442480	67.6	
2	7.323	7.321	0.002	864589	56.8	
2	7.863	7.861	0.002	351667	47.5	
2	8.765	8.776	-0.011	230611	60.1	M
		Average of Peak Amounts =			58.0	
					RPD = 1.22	
$ 11 DCB Decachlorobiphenyl						M
1	10.069	10.133	-0.064	3694676	47.6	M
2	9.211	9.236	-0.025	6735202	50.5	M
					RPD = 5.93	

QC Flag Legend

Review Flags

M - Manually Integrated

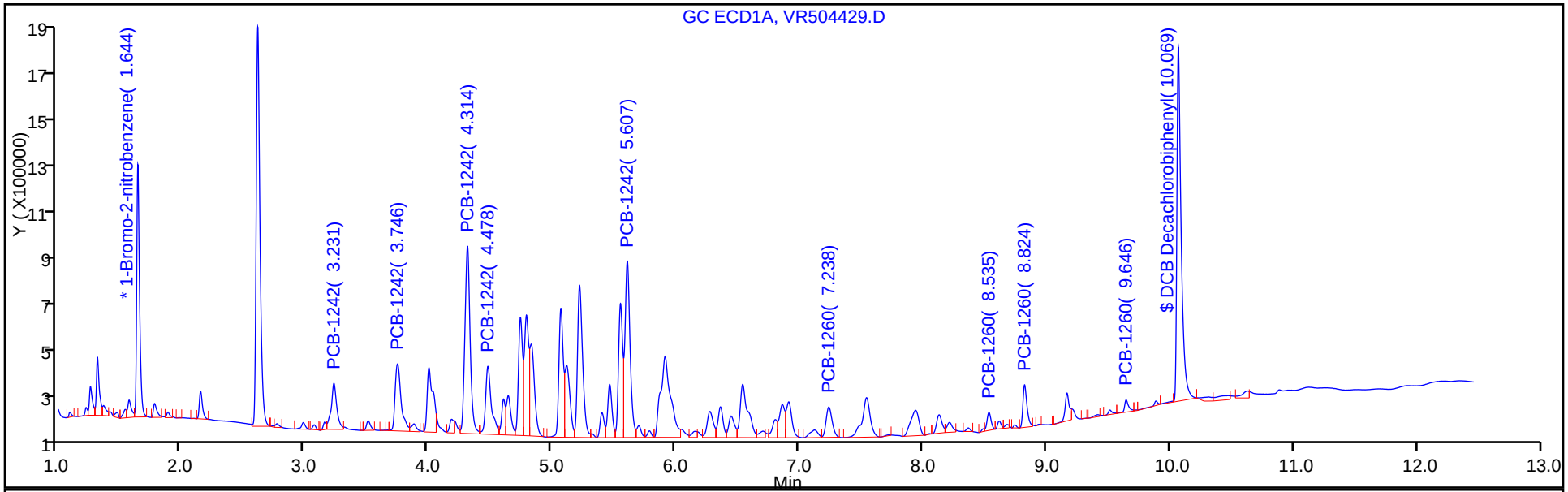
Reagents:

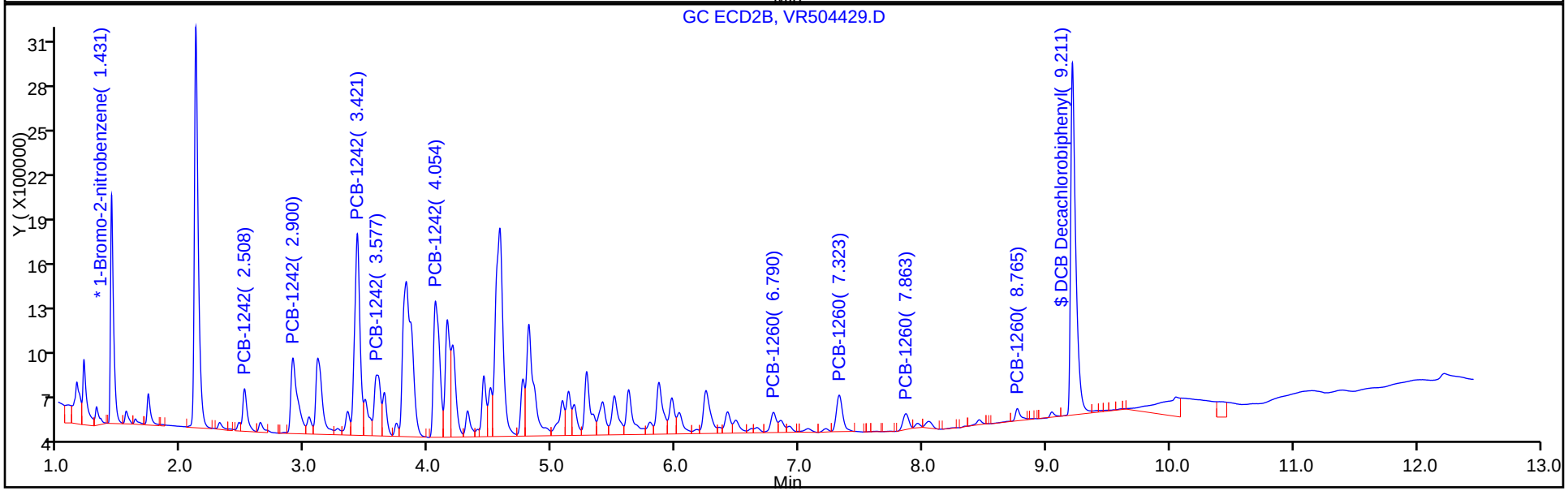
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:15:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D				
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29	Worklist Smp#:	19
Client ID:	PRA-25 E-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

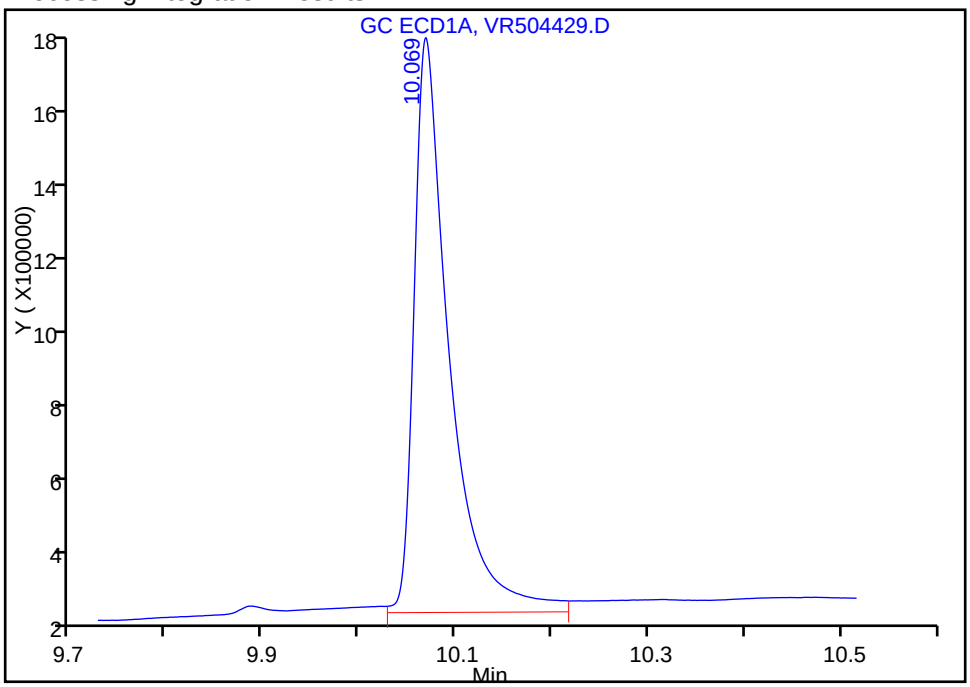
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D				
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

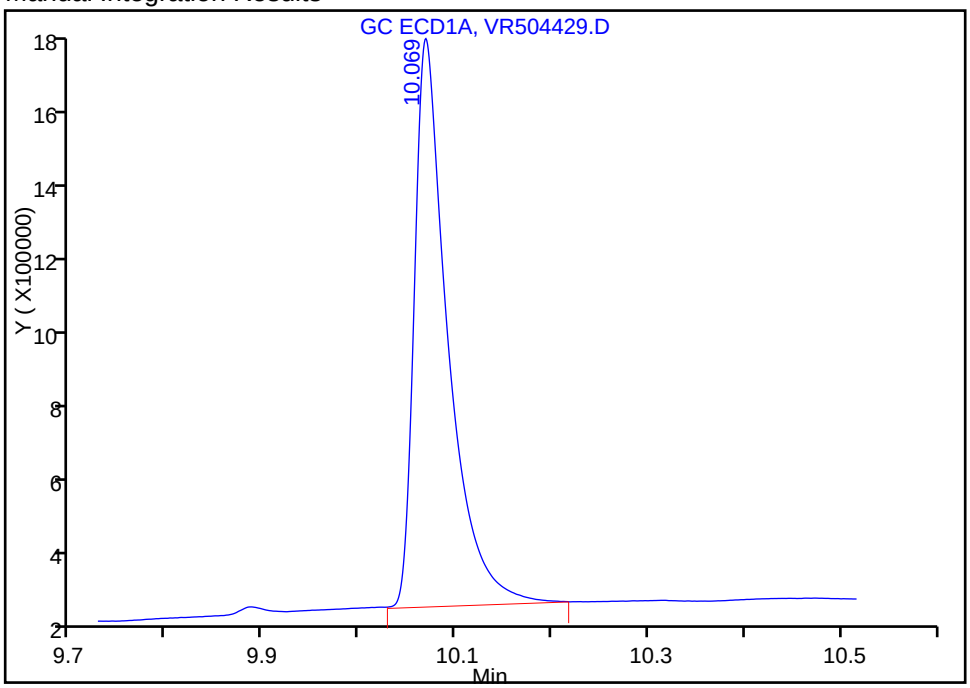
Processing Integration Results

RT: 10.07
Area: 3933259
Amount: 50.652320
Amount Units: ug/l



Manual Integration Results

RT: 10.07
Area: 3694676
Amount: 47.579859
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:19:53
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

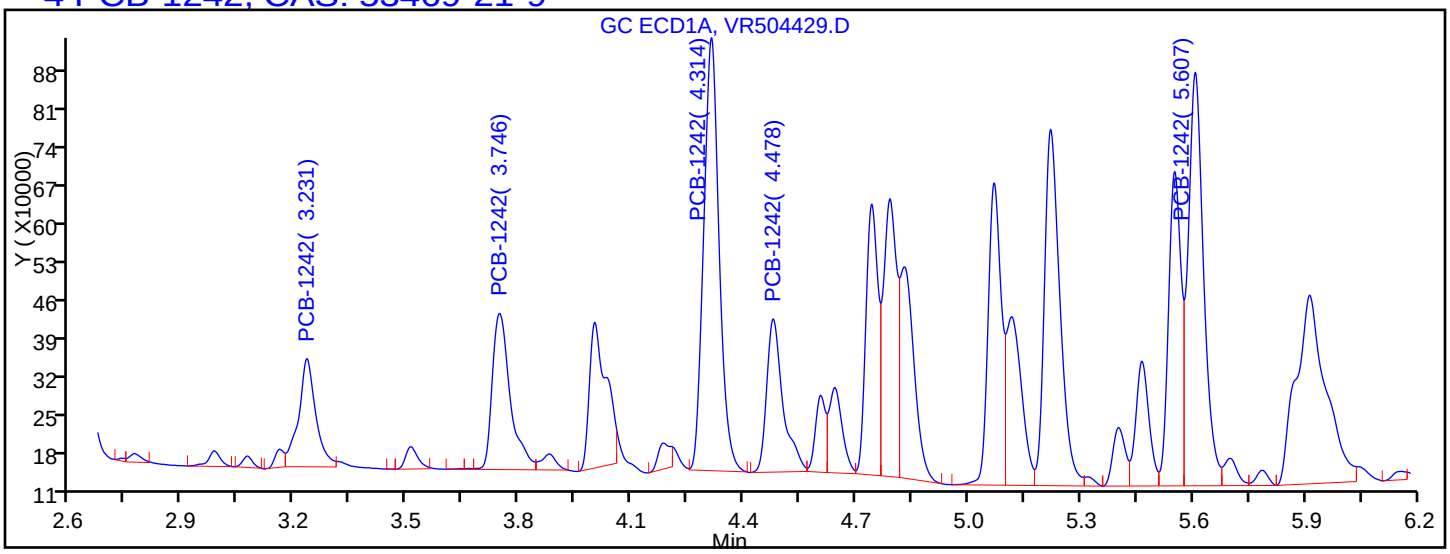
Report Date: 11-Nov-2015 13:15:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D

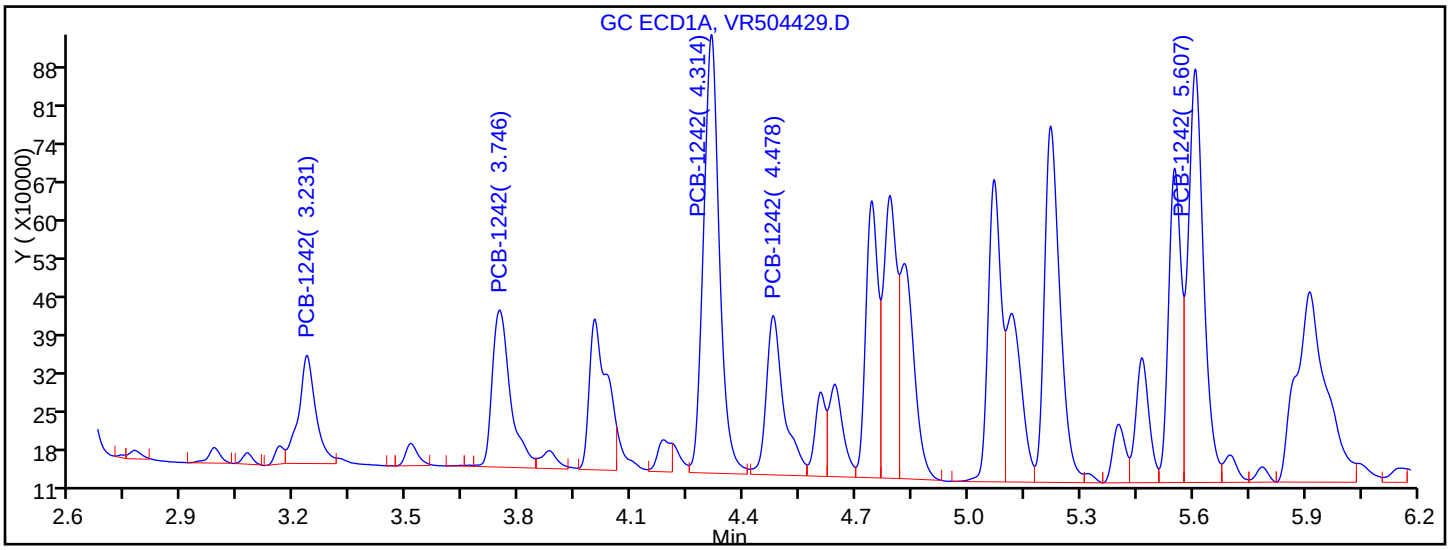
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.231	Response = 638362	
RT = 3.746	Response = 962821	M
RT = 4.314	Response = 2285649	M
RT = 4.478	Response = 852634	M
RT = 5.607	Response = 2182554	



Manual Integration Results

RT = 3.231	Response = 638362	
RT = 3.746	Response = 980086	M
RT = 4.314	Response = 2383071	M
RT = 4.478	Response = 958148	M
RT = 5.607	Response = 2182554	

Reviewer: patelji, 11-Nov-2015 10:19:53

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

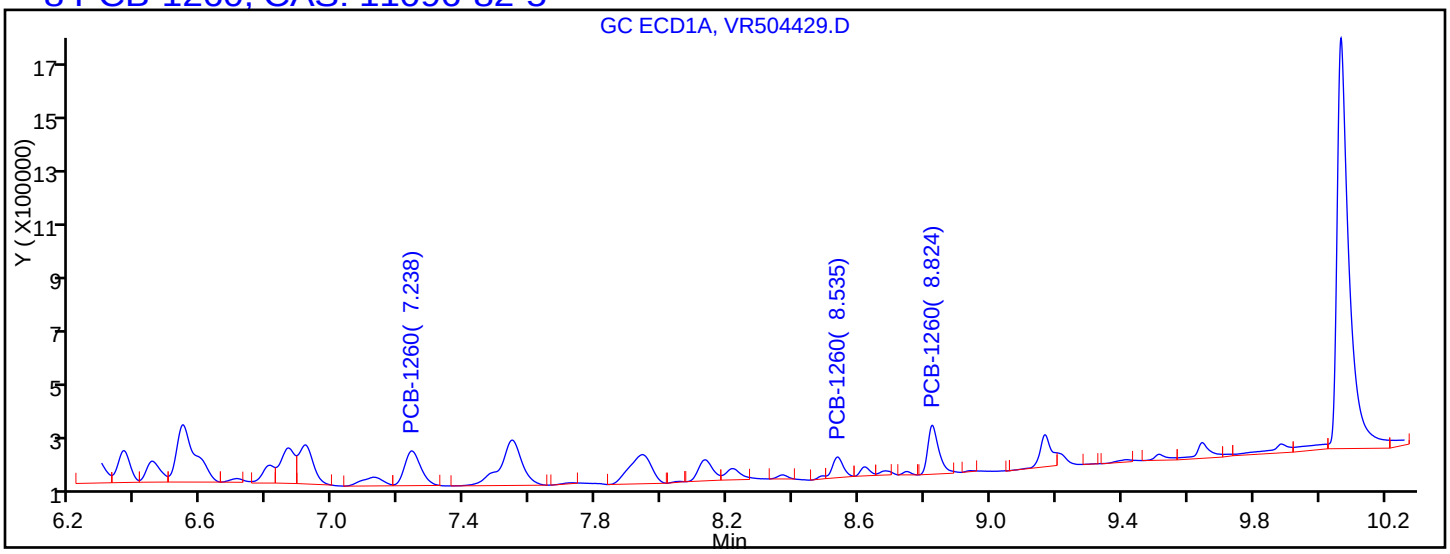
Report Date: 11-Nov-2015 13:15:04 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D

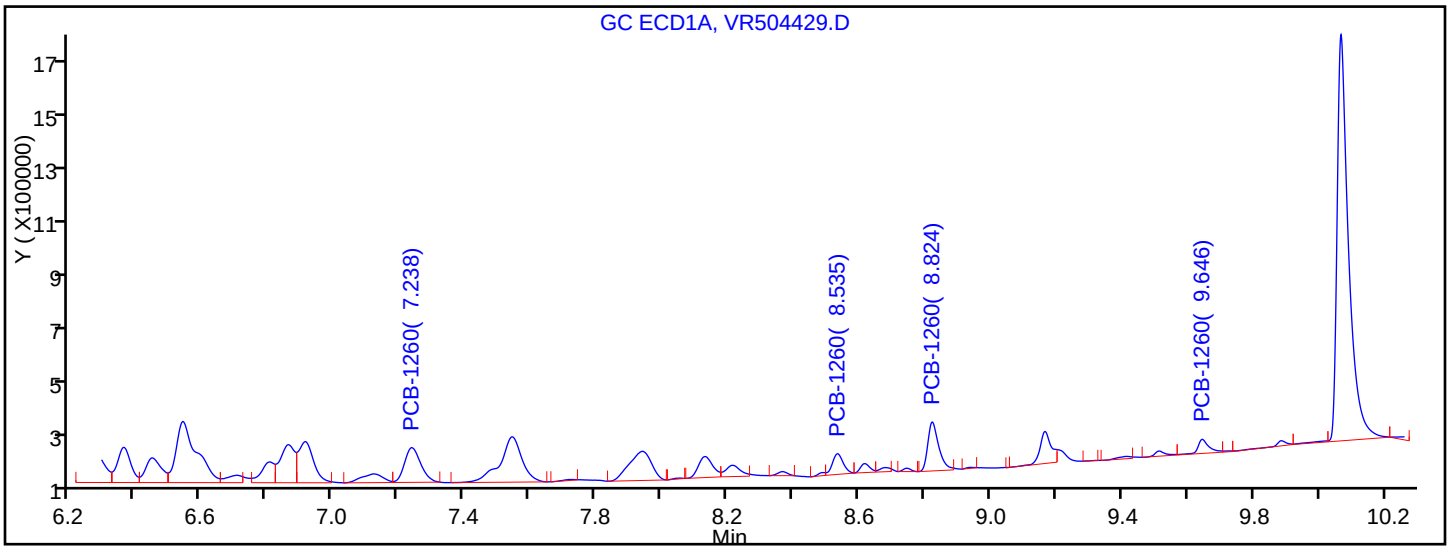
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.863 Response = 400596
RT = 7.238 Response = 445008
RT = 8.535 Response = 178470
RT = 8.824 Response = 424320
RT = 9.730 Response = 14609 M



Manual Integration Results

RT = 0.000 Response = 0
RT = 7.238 Response = 445008
RT = 8.535 Response = 178470
RT = 8.824 Response = 424320
RT = 9.646 Response = 122808 M

Reviewer: patelji, 11-Nov-2015 10:19:53
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: VR504429.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0104(g) | Date Analyzed: 11/10/2015 22:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.6	U	72	9.6
11104-28-2	Aroclor 1221	9.6	U	72	9.6
11141-16-5	Aroclor 1232	9.6	U	72	9.6
12672-29-6	Aroclor 1248	9.6	U	72	9.6
11097-69-1	Aroclor 1254	9.9	U	72	9.9
11096-82-5	Aroclor 1260	42	J	72	9.9
37324-23-5	Aroclor 1262	9.9	U	72	9.9
11100-14-4	Aroclor 1268	9.9	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D
Lims ID: 460-104096-F-29-B Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 22:02:22 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-019
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 10:19:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.644	1.646	-0.002	1745532	20.0	
2	1.431	1.429	0.002	2604477	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.231	3.242	-0.011	638362	491.3	
1	3.746	3.756	-0.010	980086	353.8	M
1	4.314	4.321	-0.007	2383071	520.9	M
1	4.478	4.491	-0.013	958148	463.0	M
1	5.607	5.613	-0.006	2182554	1192.7	
		Average of Peak Amounts =			604.3	
2	2.508	2.506	0.002	726916	351.8	M
2	2.900	2.897	0.003	1901621	458.1	M
2	3.421	3.418	0.003	4114070	493.2	M
2	3.577	3.572	0.005	1459825	462.8	M
2	4.054	4.052	0.002	3187754	933.6	
		Average of Peak Amounts =			539.9	
					RPD = 11.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	0.000	6.864	-6.864	0	0	
1	7.238	7.241	-0.003	445008	70.9	
1	8.535	8.543	-0.008	178470	46.2	
1	8.824	8.840	-0.016	424320	53.5	
1	9.646	9.692	-0.046	122808	58.5	M
		Average of Peak Amounts =			57.3	
2	0.000	5.501	-5.501	0	0	
2	6.790	6.787	0.003	442480	67.6	
2	7.323	7.321	0.002	864589	56.8	
2	7.863	7.861	0.002	351667	47.5	
2	8.765	8.776	-0.011	230611	60.1	M
		Average of Peak Amounts =			58.0	
					RPD = 1.22	
$ 11 DCB Decachlorobiphenyl						M
1	10.069	10.133	-0.064	3694676	47.6	M
2	9.211	9.236	-0.025	6735202	50.5	M
					RPD = 5.93	

QC Flag Legend

Review Flags

M - Manually Integrated

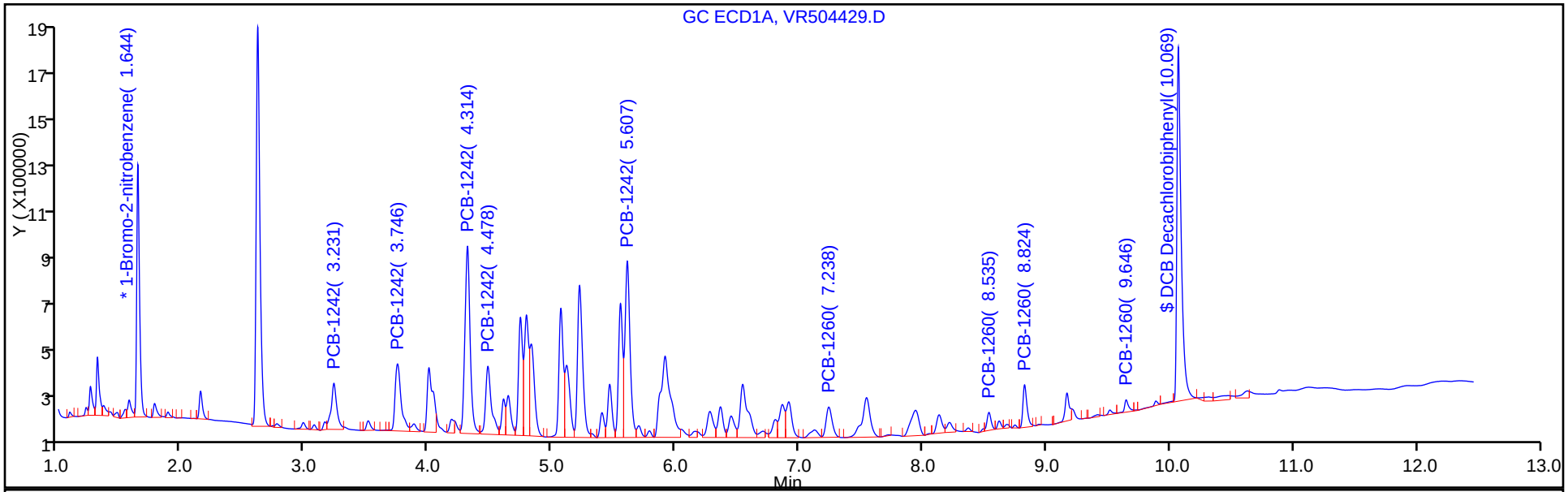
Reagents:

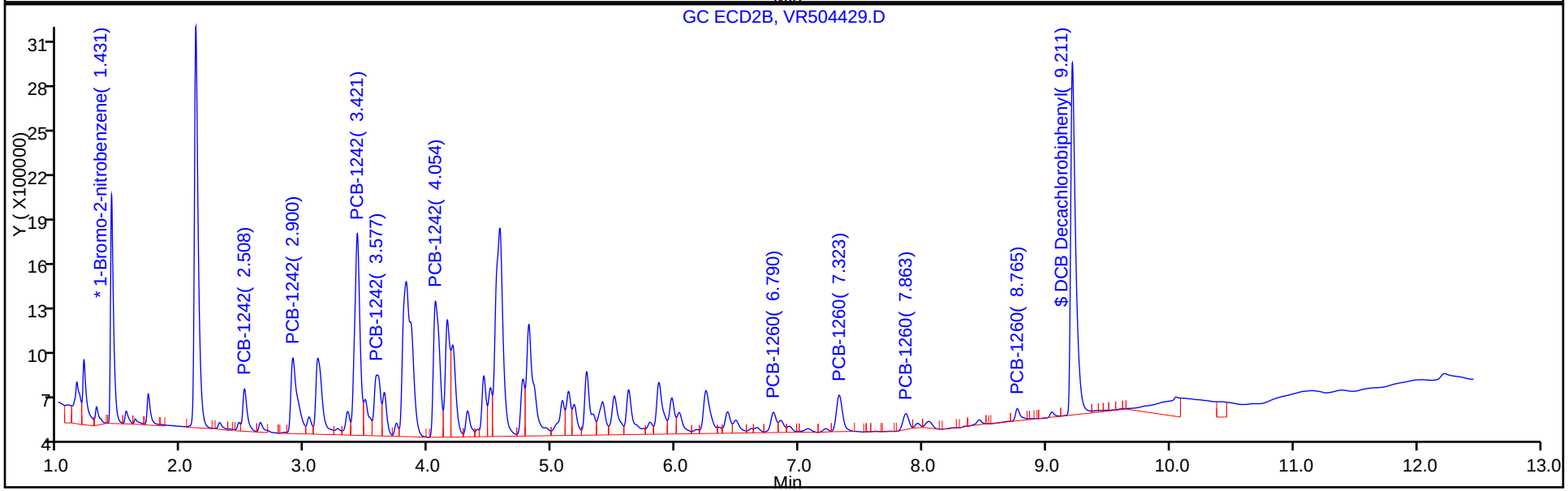
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:15:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D				
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29	Worklist Smp#:	19
Client ID:	PRA-25 E-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

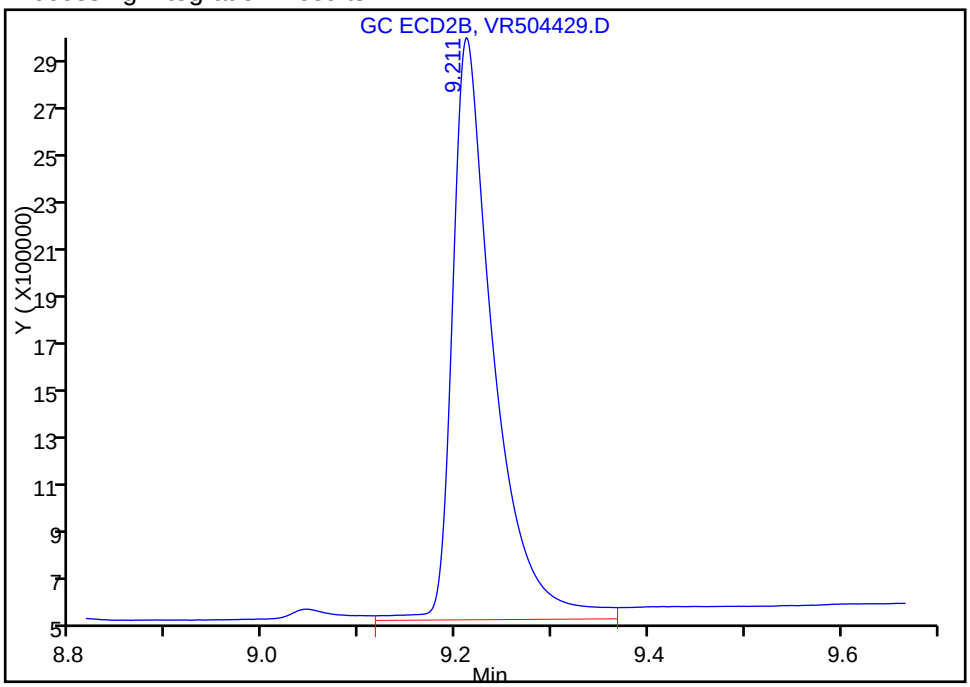
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D				
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

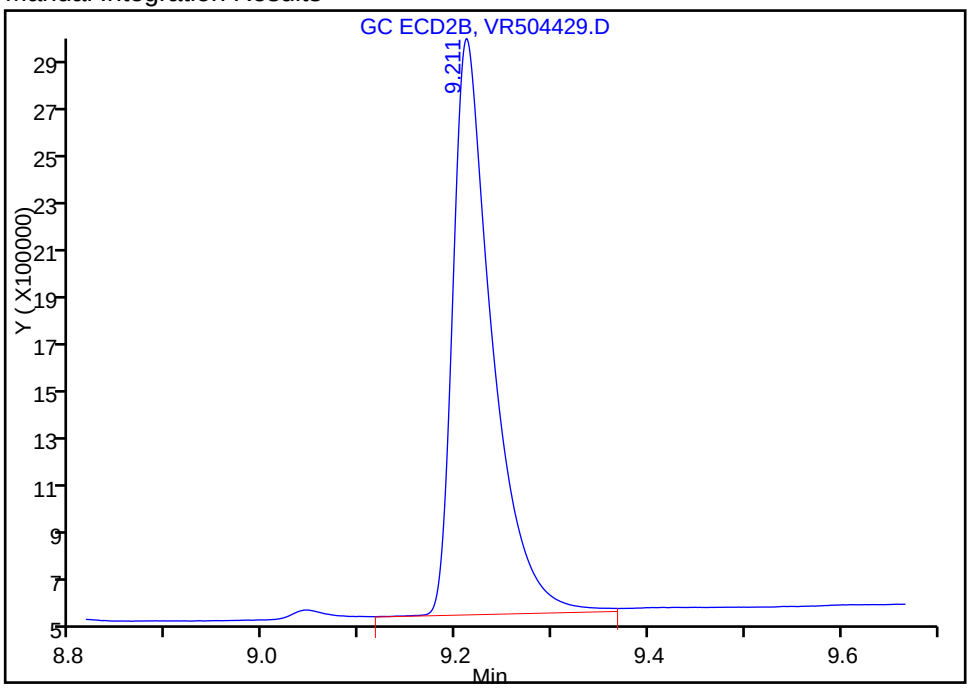
Processing Integration Results

RT: 9.21
Area: 7122140
Amount: 53.388064
Amount Units: ug/l



Manual Integration Results

RT: 9.21
Area: 6735202
Amount: 50.487550
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:19:53
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

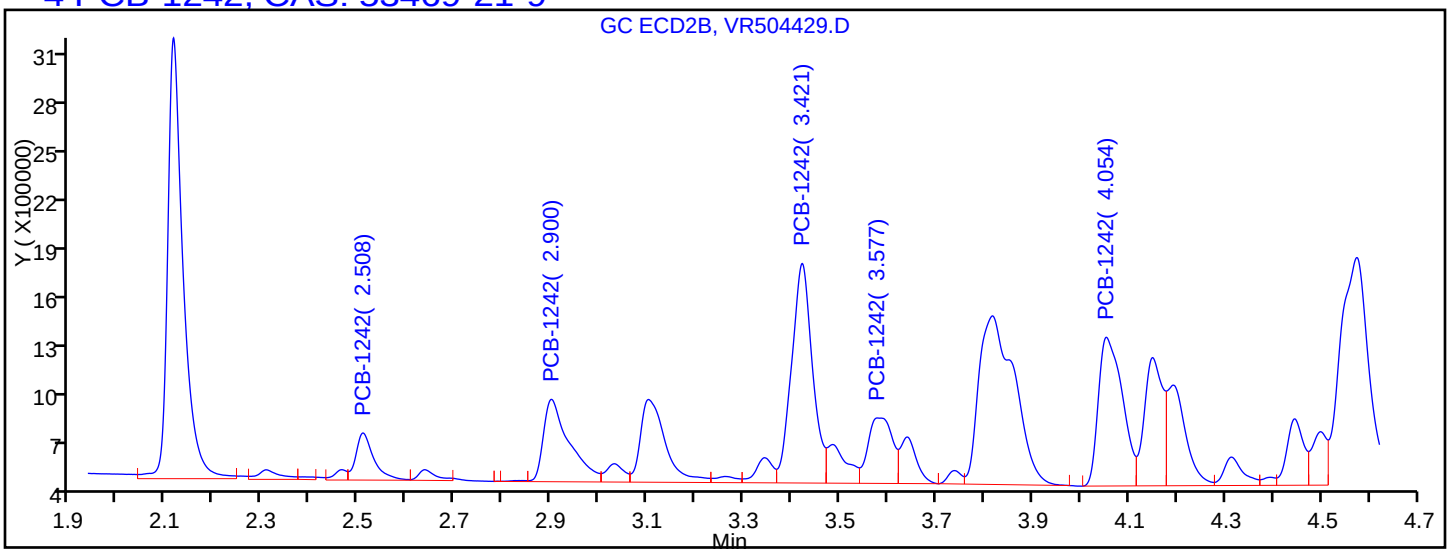
Report Date: 11-Nov-2015 13:15:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D

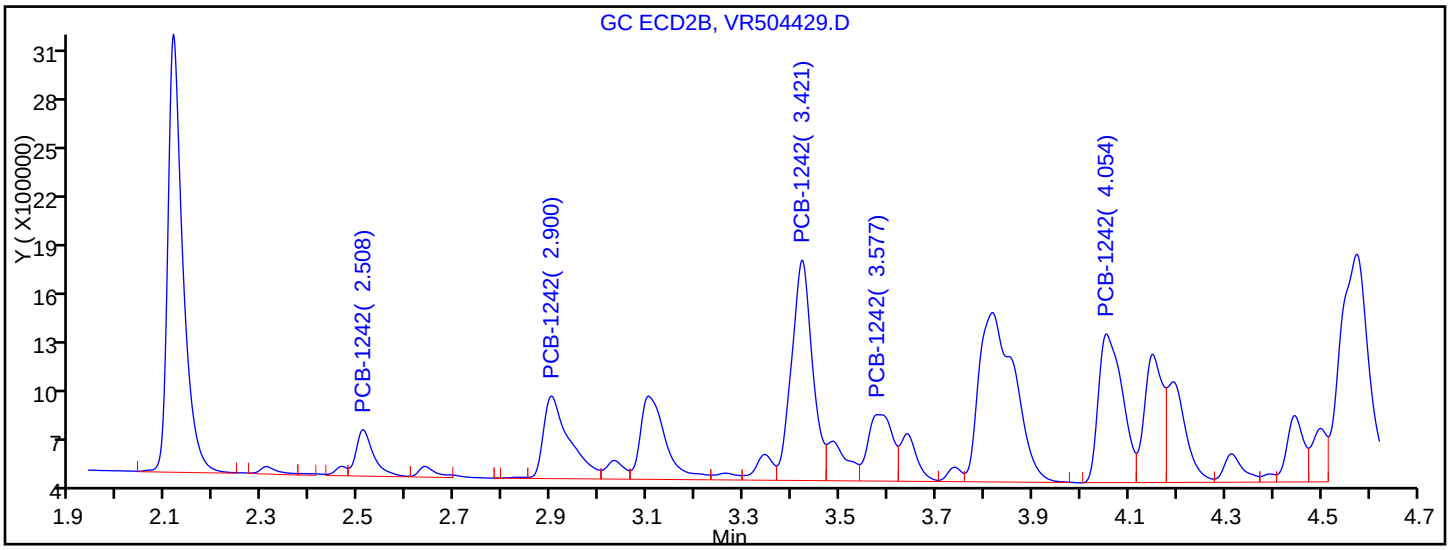
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.508	Response = 749509	M
RT = 2.900	Response = 1888724	M
RT = 3.421	Response = 4084038	M
RT = 3.577	Response = 1430882	M
RT = 4.054	Response = 3187754	



Manual Integration Results

RT = 2.508	Response = 726916	M
RT = 2.900	Response = 1901621	M
RT = 3.421	Response = 4114070	M
RT = 3.577	Response = 1459825	M
RT = 4.054	Response = 3187754	

Reviewer: patelji, 11-Nov-2015 10:19:53

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

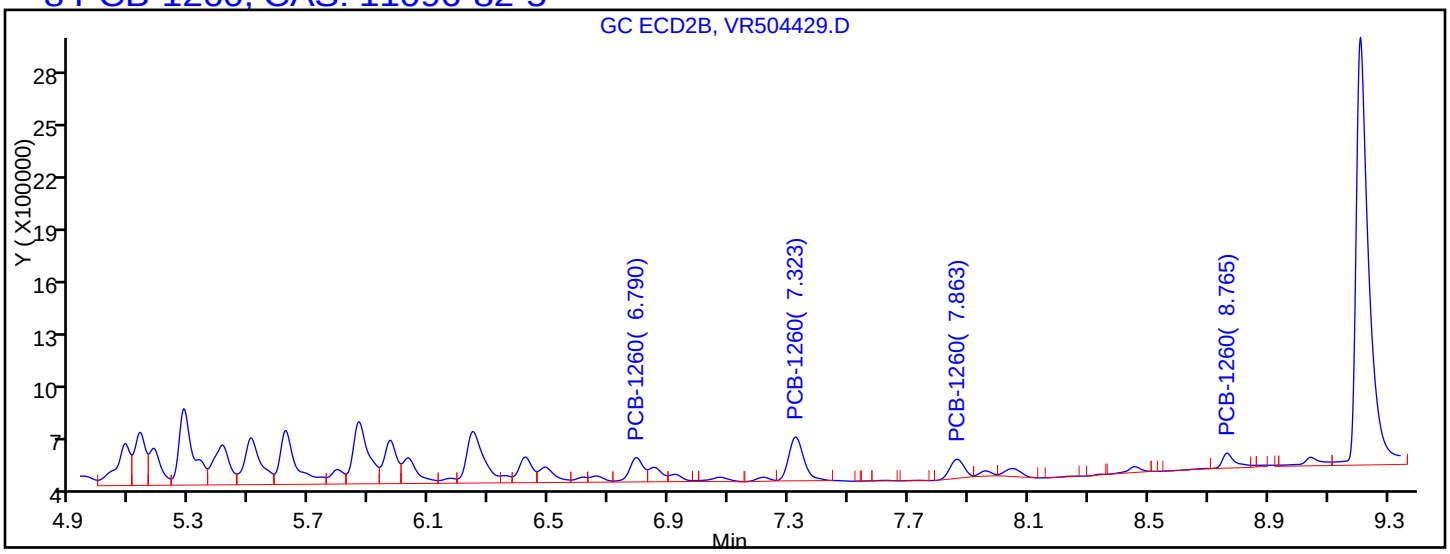
Report Date: 11-Nov-2015 13:15:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D

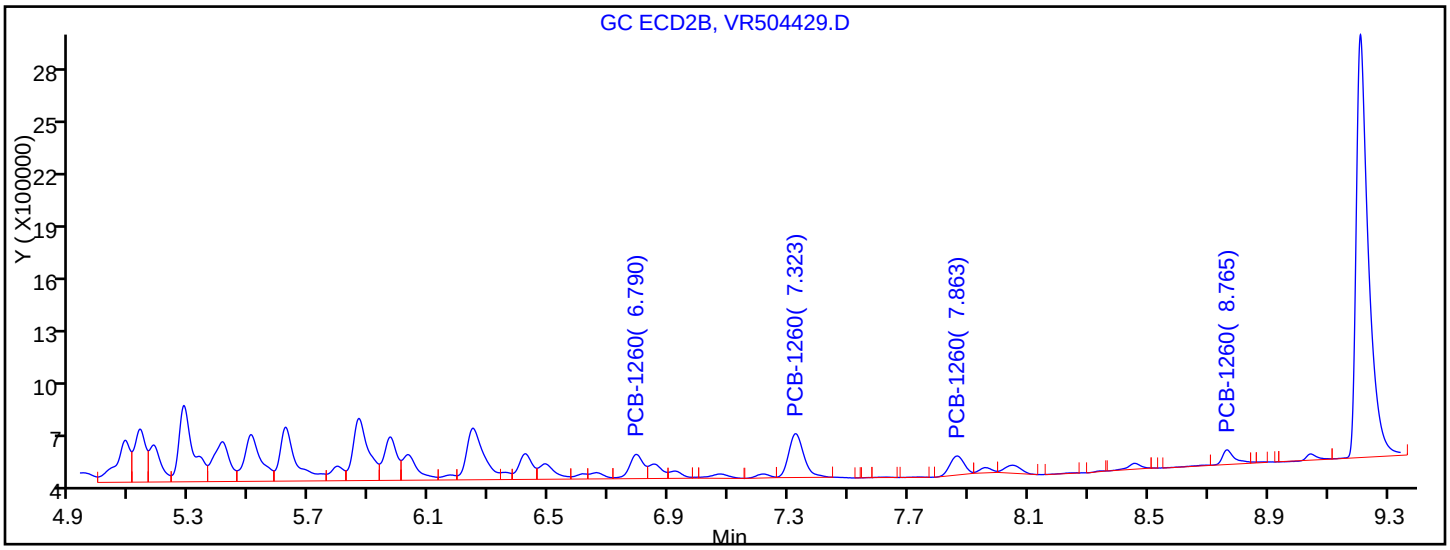
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.502	Response = 1001101	
RT = 6.790	Response = 442480	
RT = 7.323	Response = 864589	
RT = 7.863	Response = 351667	
RT = 8.765	Response = 248888	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.790	Response = 442480	
RT = 7.323	Response = 864589	
RT = 7.863	Response = 351667	
RT = 8.765	Response = 230611	M

Reviewer: patelji, 11-Nov-2015 10:19:53

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

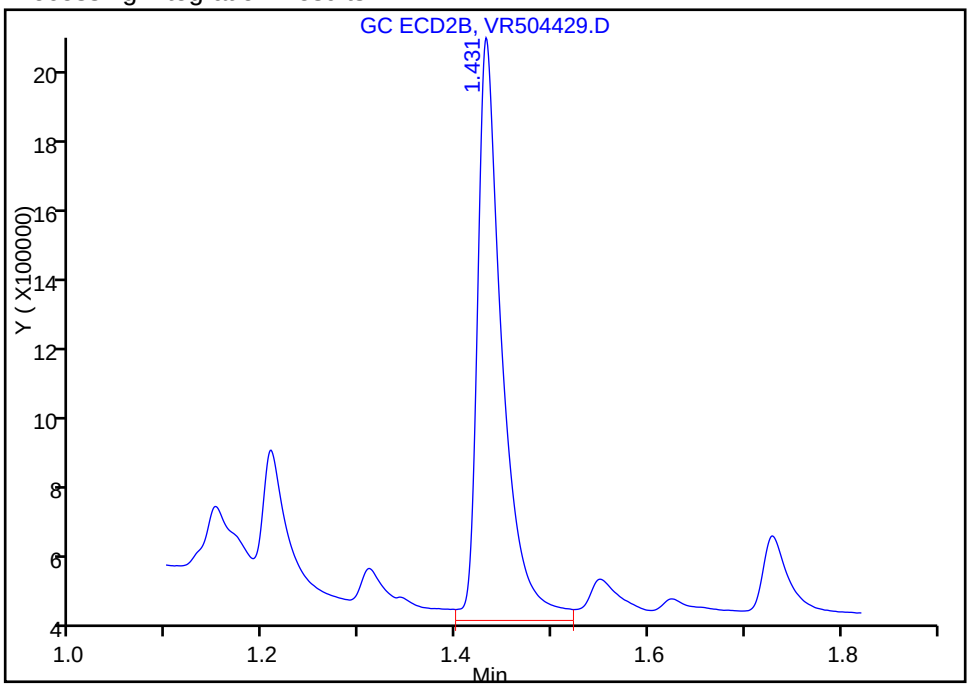
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504429.D				
Injection Date:	10-Nov-2015 22:02:22	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-29-B	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

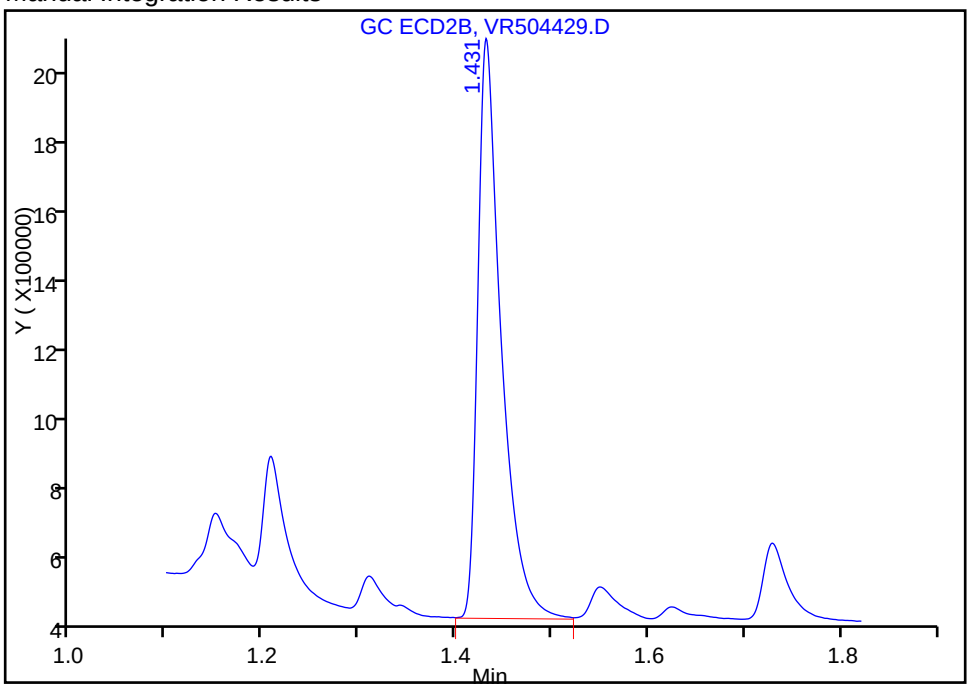
Processing Integration Results

RT: 1.43
Area: 2800692
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2604477
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:19:53
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: VR504400.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:50

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0493(g) | Date Analyzed: 11/10/2015 13:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12672-29-6	Aroclor 1248	2800		370	49
11096-82-5	Aroclor 1260	880		370	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D
Lims ID: 460-104096-E-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 13:32:18 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034058-012
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 13:47:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.645	1.648	-0.003	1645717	20.0	M
2	1.433	1.428	0.005	2863496	20.0	M
					RPD = 0.00	
6 PCB-1248						M
1	0.000	3.756	-3.756	0	0	
1	4.316	4.321	-0.005	1594589	462.1	M
1	4.744	4.752	-0.008	1649889	825.3	M
1	5.555	5.562	-0.007	1980231	734.6	M
1	5.610	5.613	-0.003	3652512	979.1	M
		Average of Peak Amounts =			750.3	
2	0.000	2.897	-2.897	0	0	
2	3.425	3.418	0.007	2502535	523.6	
2	4.055	4.052	0.003	2720678	573.3	M
2	4.577	4.547	0.030	8843713	989.4	M
2	4.812	4.813	-0.001	4524702	835.0	M
		Average of Peak Amounts =			730.3	
					RPD = 2.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.865	6.868	-0.003	1475453	286.5	M
1	7.241	7.246	-0.005	1381855	233.6	M
1	8.541	8.547	-0.006	761673	209.2	M
1	8.834	8.843	-0.009	1712153	228.8	M
1	9.674	9.697	-0.023	479558	242.4	M
		Average of Peak Amounts =			240.1	
2	5.505	5.503	0.002	2310884	260.5	M
2	6.793	6.789	0.004	1541072	214.0	
2	7.327	7.323	0.004	4144256	247.7	M
2	7.865	7.863	0.002	1633167	200.4	M
2	8.774	8.778	-0.004	888225	210.6	M
		Average of Peak Amounts =			226.6	
					RPD = 5.76	
$ 11 DCB Decachlorobiphenyl						M
1	10.108	10.139	-0.031	669554	9.15	
2	9.229	9.238	-0.009	1194629	8.14	M
					RPD = 11.57	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

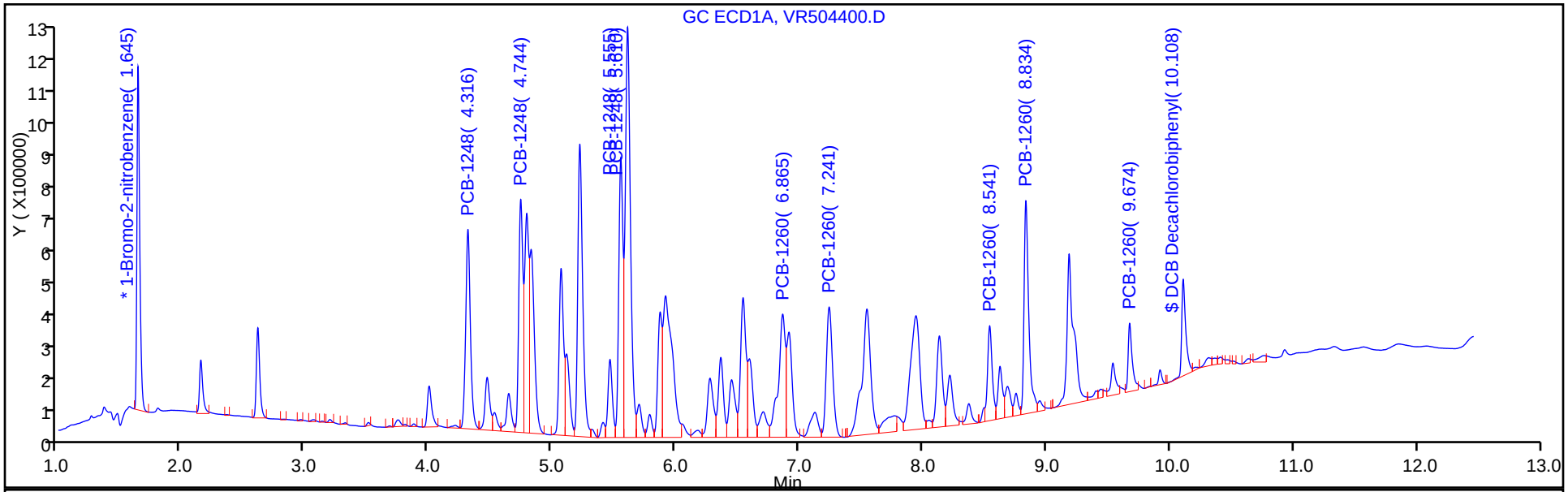
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

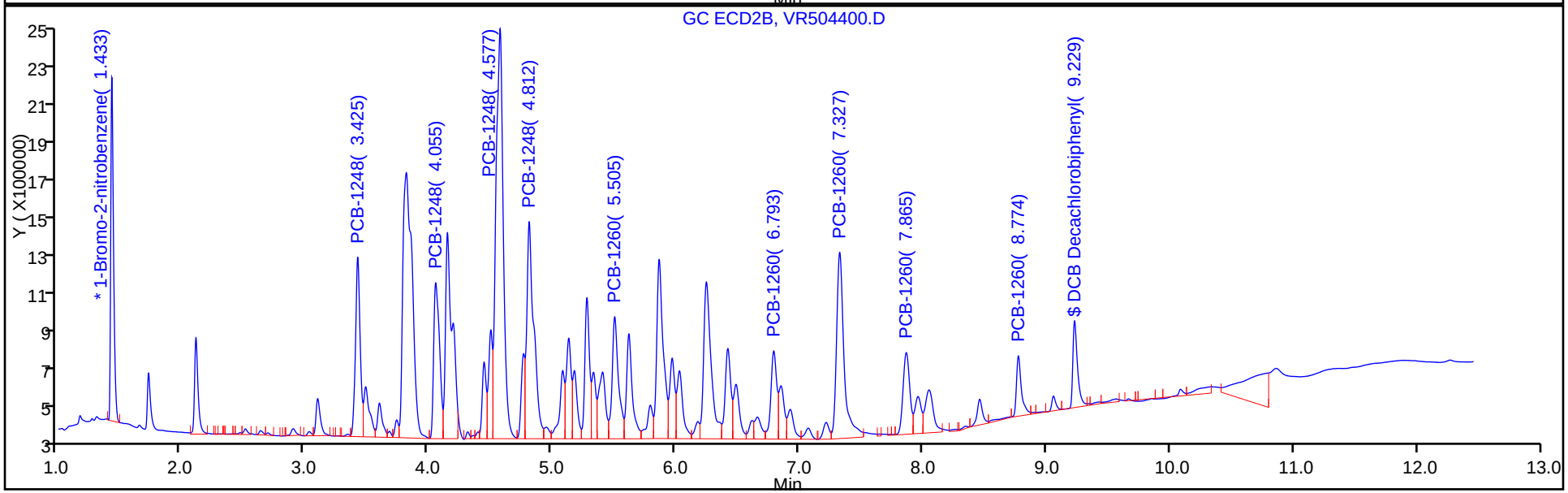
Report Date: 10-Nov-2015 16:10:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30	Worklist Smp#:	12
Client ID:	PRA-25 E-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		

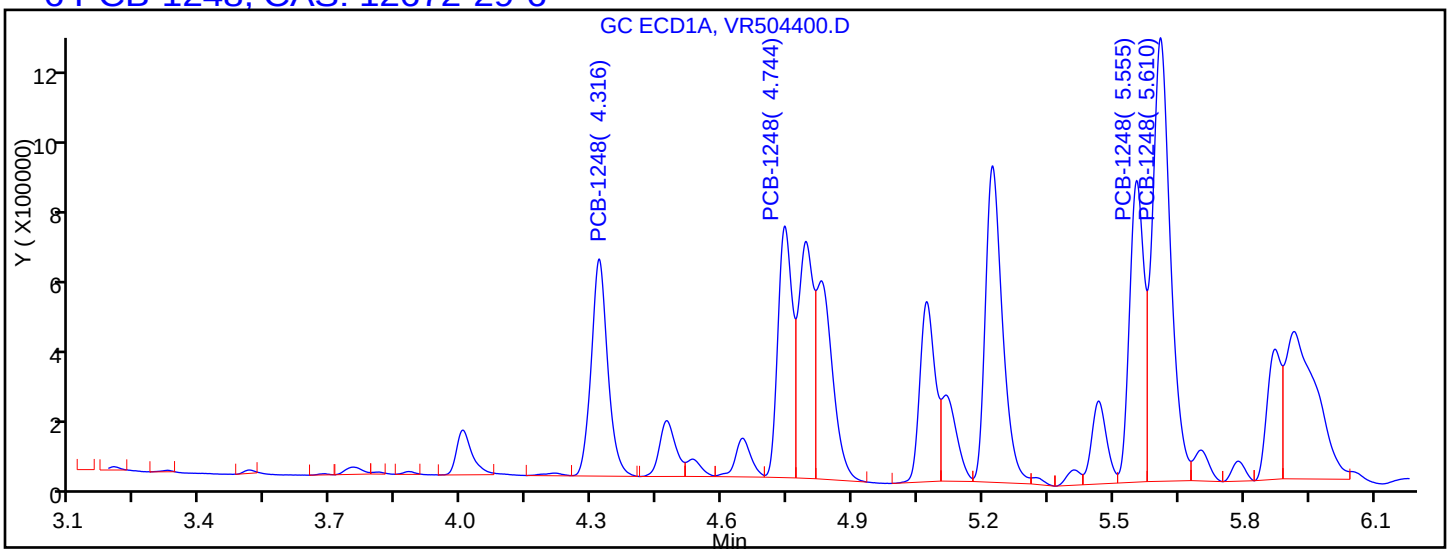




Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

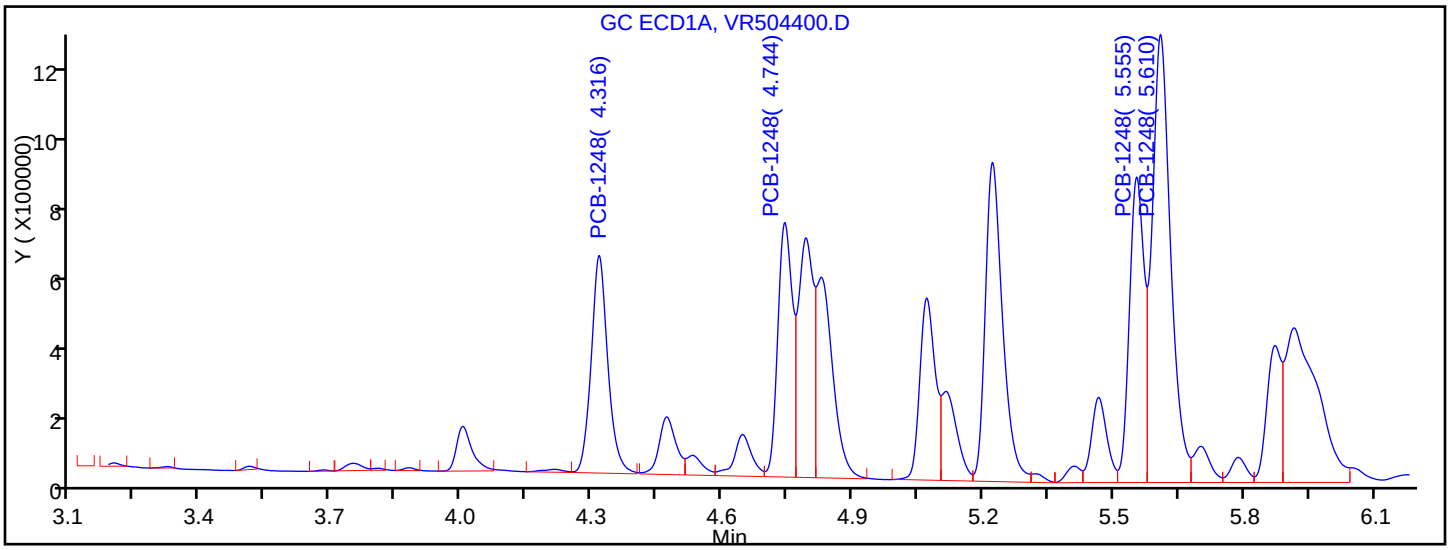
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.750	Response = 53556	
RT = 4.316	Response = 1574095	M
RT = 4.744	Response = 1611537	M
RT = 5.555	Response = 1934957	M
RT = 5.610	Response = 3565713	M



Manual Integration Results

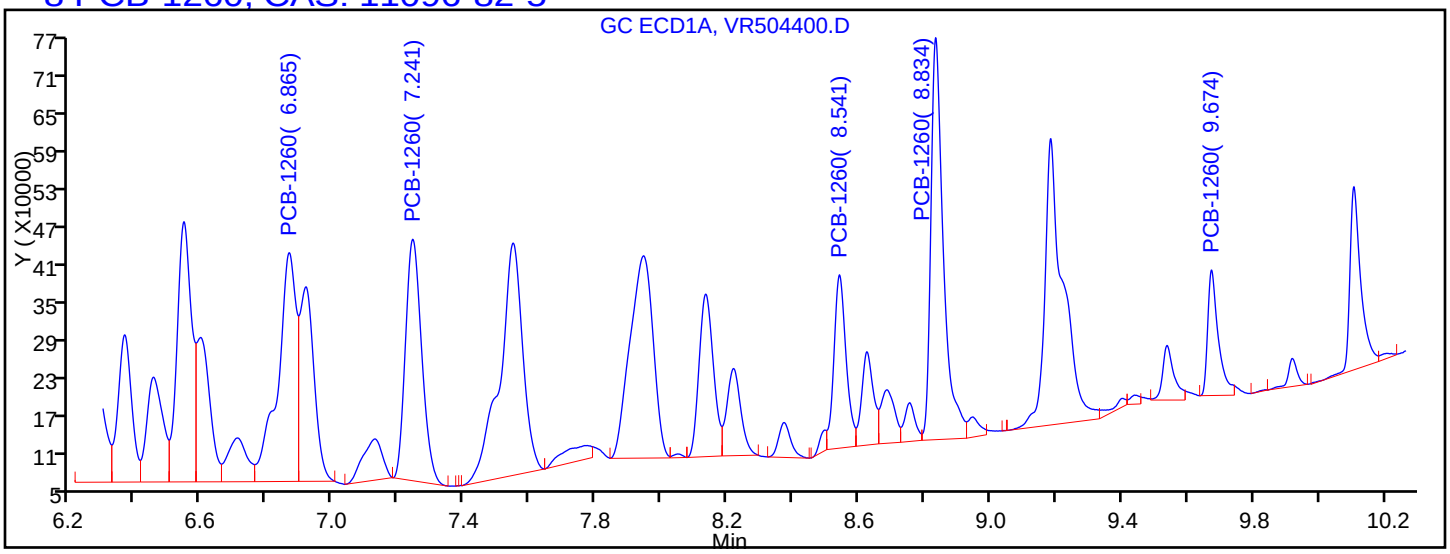
RT = 0.000	Response = 0	
RT = 4.316	Response = 1594589	M
RT = 4.744	Response = 1649889	M
RT = 5.555	Response = 1980231	M
RT = 5.610	Response = 3652512	M

Reviewer: patelji, 10-Nov-2015 13:47:32
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

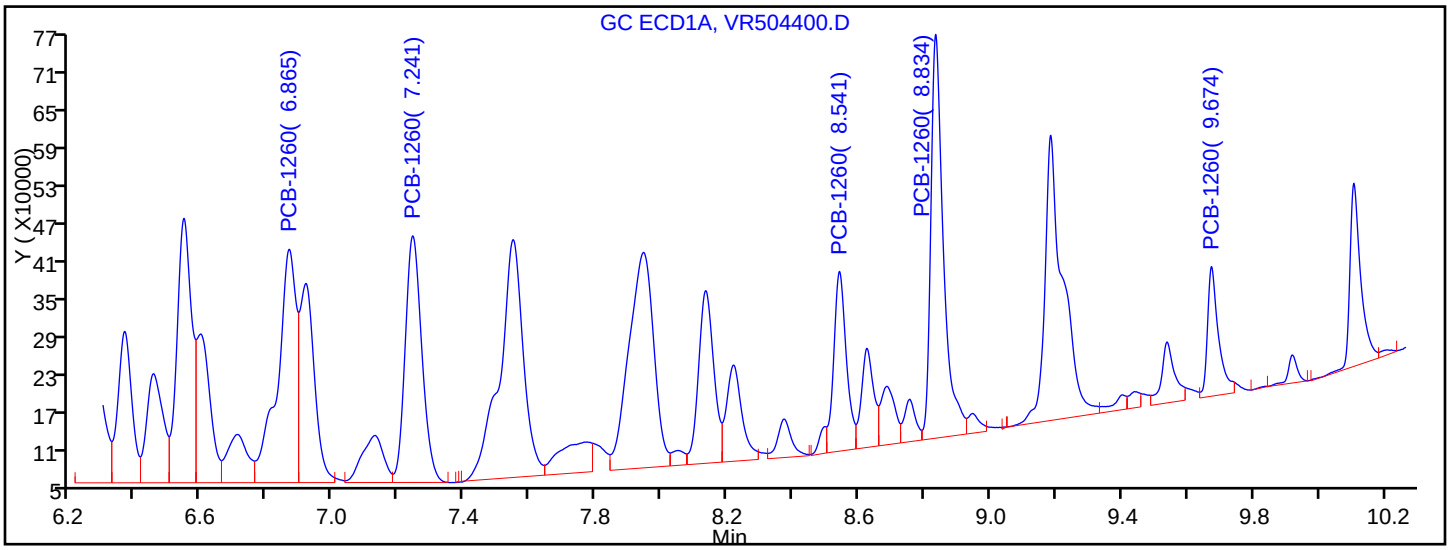
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.865	Response = 1416607	M
RT = 7.241	Response = 1316058	M
RT = 8.541	Response = 706937	M
RT = 8.834	Response = 1695804	M
RT = 9.674	Response = 445211	M



Manual Integration Results

RT = 6.865	Response = 1475453	M
RT = 7.241	Response = 1381855	M
RT = 8.541	Response = 761673	M
RT = 8.834	Response = 1712153	M
RT = 9.674	Response = 479558	M

Reviewer: patelji, 10-Nov-2015 13:47:32
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

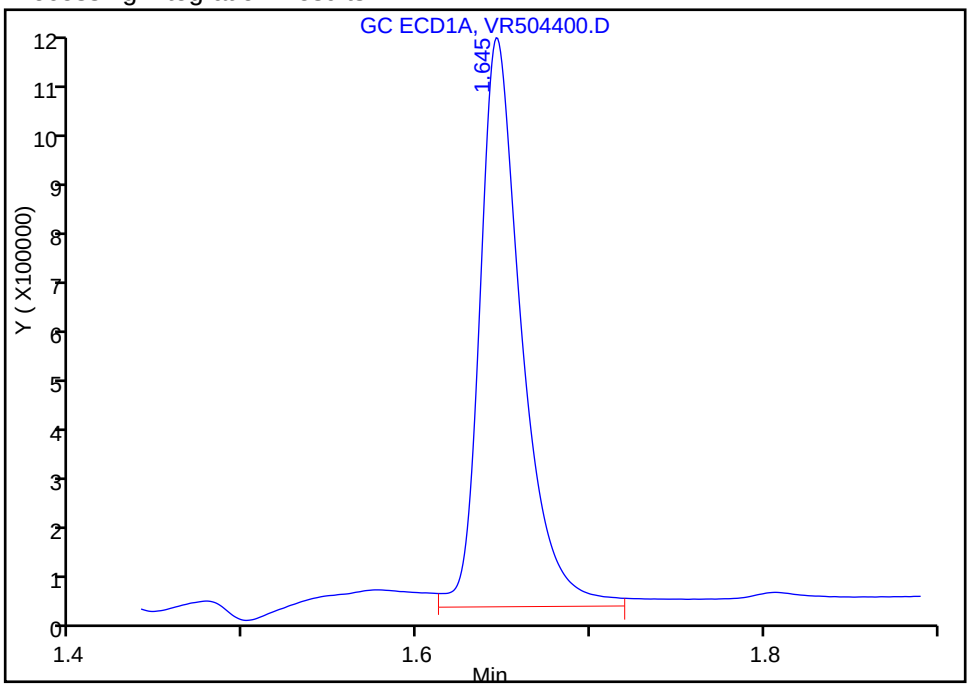
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D				
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

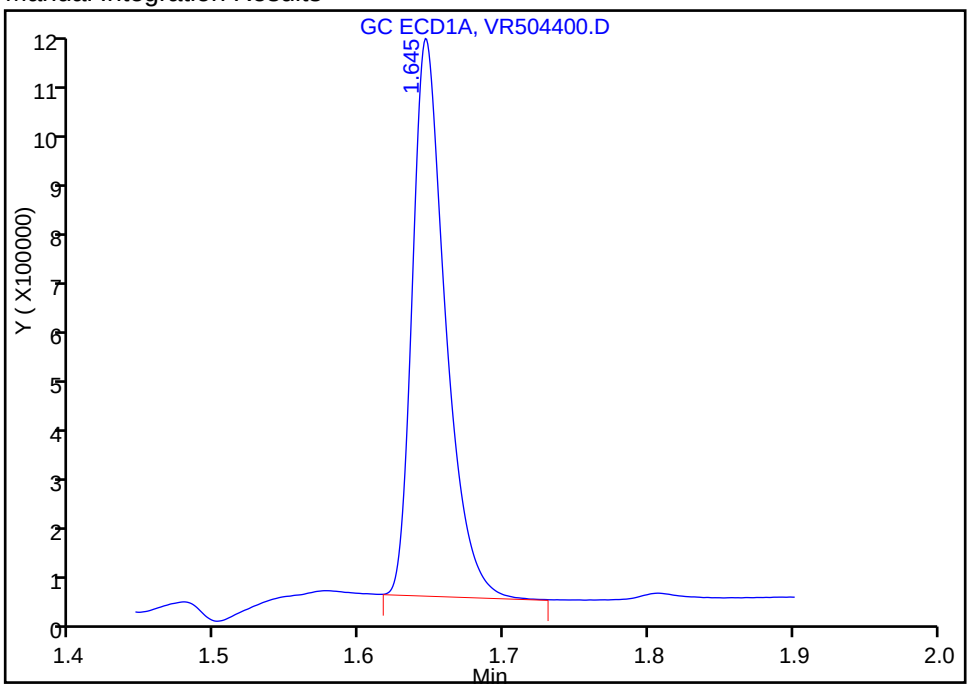
Processing Integration Results

RT: 1.65
Area: 1766870
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 1645717
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 13:47:32
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: VR504400.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:50

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0493(g) | Date Analyzed: 11/10/2015 13:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	49	U	370	49
11104-28-2	Aroclor 1221	49	U	370	49
11141-16-5	Aroclor 1232	49	U	370	49
53469-21-9	Aroclor 1242	49	U	370	49
11097-69-1	Aroclor 1254	51	U	370	51
37324-23-5	Aroclor 1262	51	U	370	51
11100-14-4	Aroclor 1268	51	U	370	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D
Lims ID: 460-104096-E-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 13:32:18 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034058-012
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 13:47:32

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.645	1.648	-0.003	1645717	20.0	M
2	1.433	1.428	0.005	2863496	20.0	M
					RPD = 0.00	
6 PCB-1248						M
1	0.000	3.756	-3.756	0	0	
1	4.316	4.321	-0.005	1594589	462.1	M
1	4.744	4.752	-0.008	1649889	825.3	M
1	5.555	5.562	-0.007	1980231	734.6	M
1	5.610	5.613	-0.003	3652512	979.1	M
		Average of Peak Amounts =			750.3	
2	0.000	2.897	-2.897	0	0	
2	3.425	3.418	0.007	2502535	523.6	
2	4.055	4.052	0.003	2720678	573.3	M
2	4.577	4.547	0.030	8843713	989.4	M
2	4.812	4.813	-0.001	4524702	835.0	M
		Average of Peak Amounts =			730.3	
					RPD = 2.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.865	6.868	-0.003	1475453	286.5	M
1	7.241	7.246	-0.005	1381855	233.6	M
1	8.541	8.547	-0.006	761673	209.2	M
1	8.834	8.843	-0.009	1712153	228.8	M
1	9.674	9.697	-0.023	479558	242.4	M
		Average of Peak Amounts =			240.1	
2	5.505	5.503	0.002	2310884	260.5	M
2	6.793	6.789	0.004	1541072	214.0	
2	7.327	7.323	0.004	4144256	247.7	M
2	7.865	7.863	0.002	1633167	200.4	M
2	8.774	8.778	-0.004	888225	210.6	M
		Average of Peak Amounts =			226.6	
					RPD = 5.76	
$ 11 DCB Decachlorobiphenyl						M
1	10.108	10.139	-0.031	669554	9.15	
2	9.229	9.238	-0.009	1194629	8.14	M
					RPD = 11.57	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

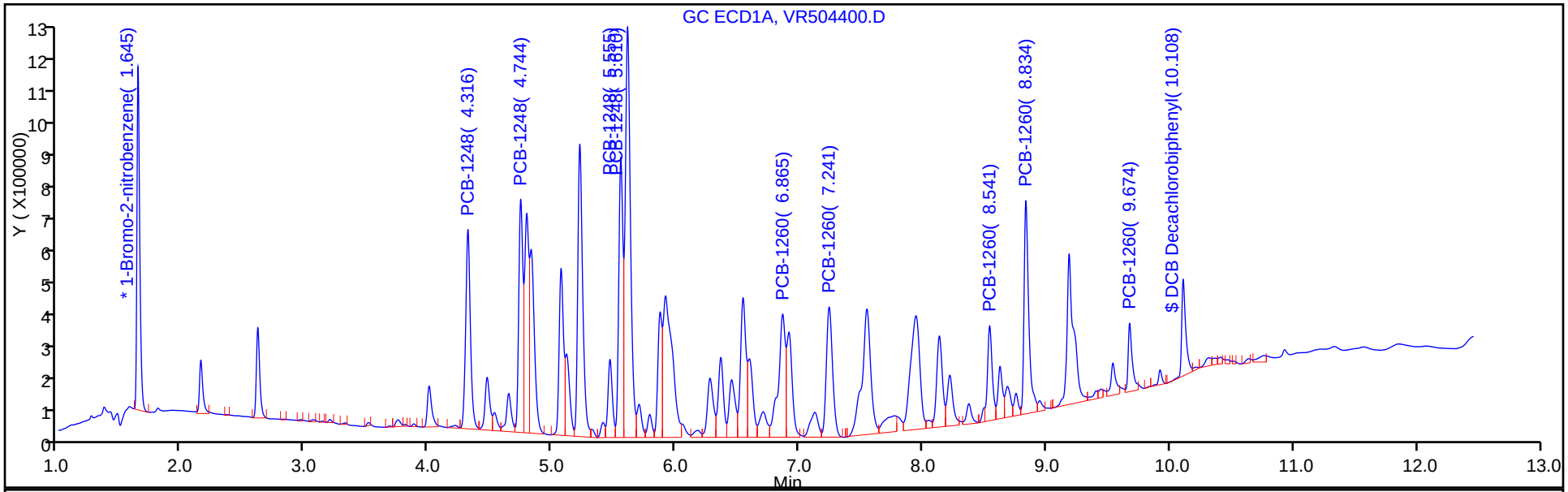
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

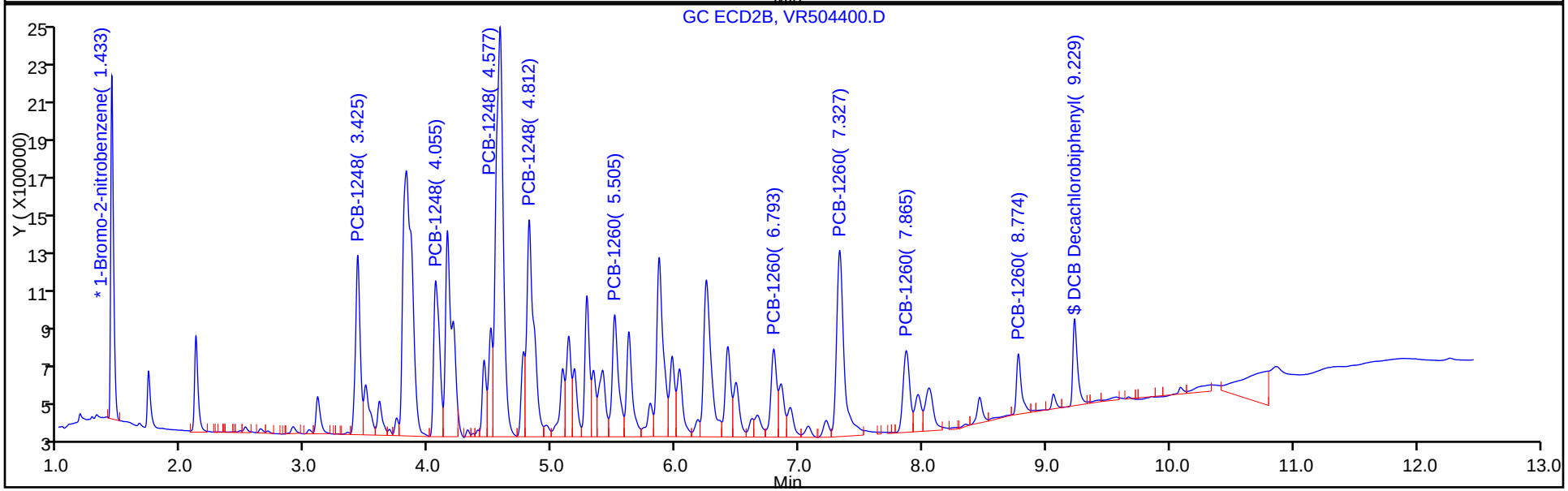
Report Date: 10-Nov-2015 16:10:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30	Worklist Smp#:	12
Client ID:	PRA-25 E-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





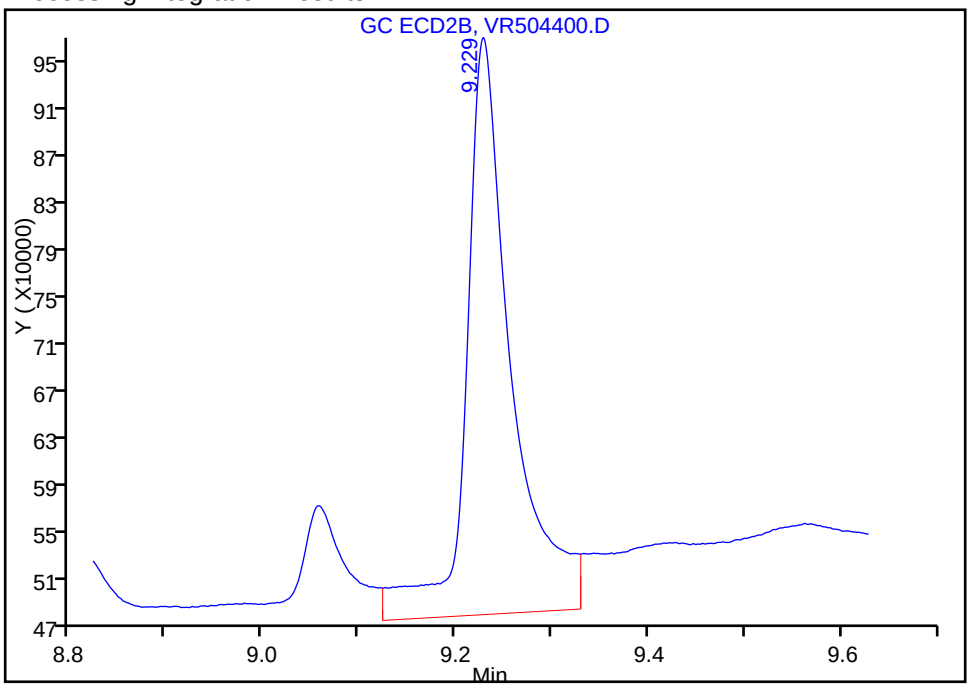
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D				
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

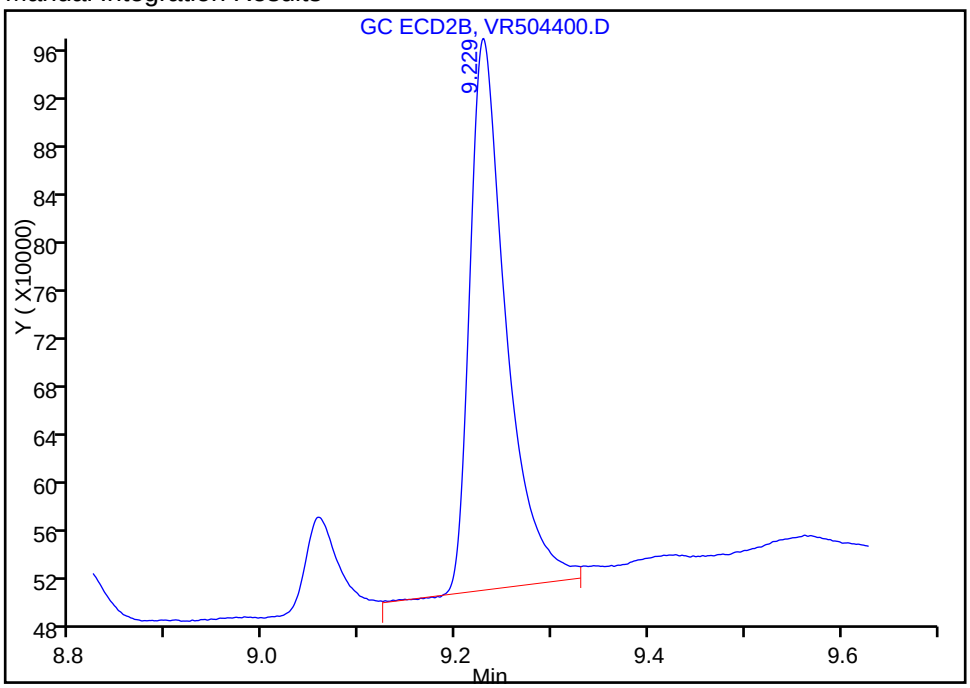
Processing Integration Results

RT: 9.23
Area: 1582852
Amount: 10.791900
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 1194629
Amount: 8.144992
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 13:47:32
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

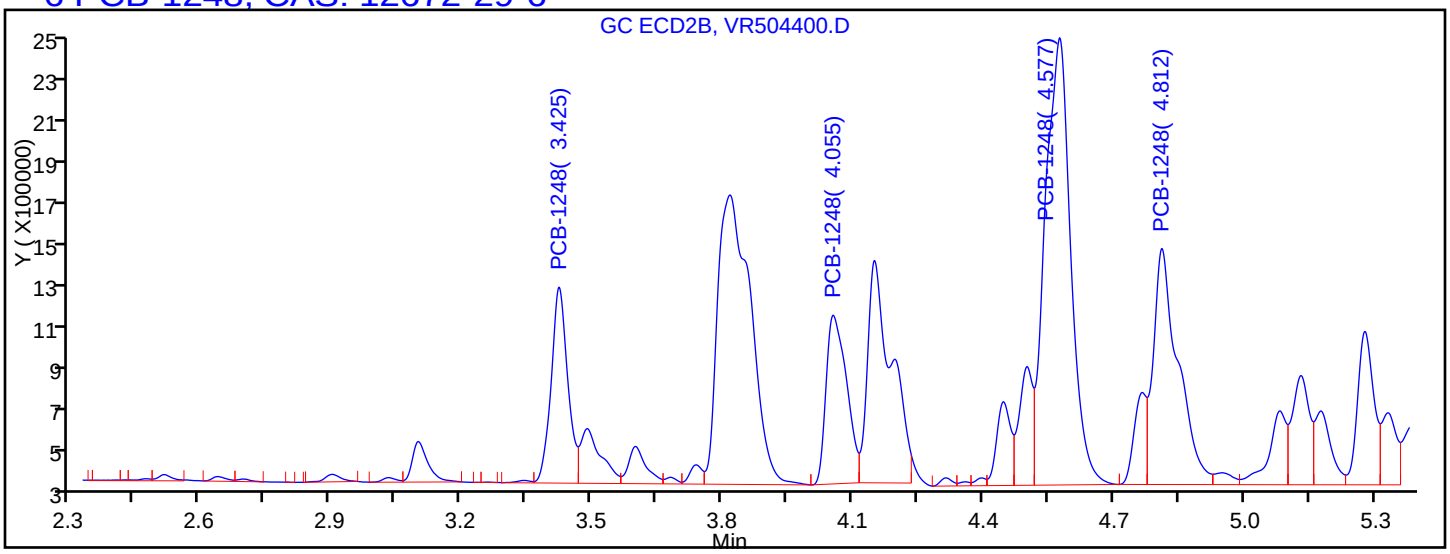
Report Date: 10-Nov-2015 16:10:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

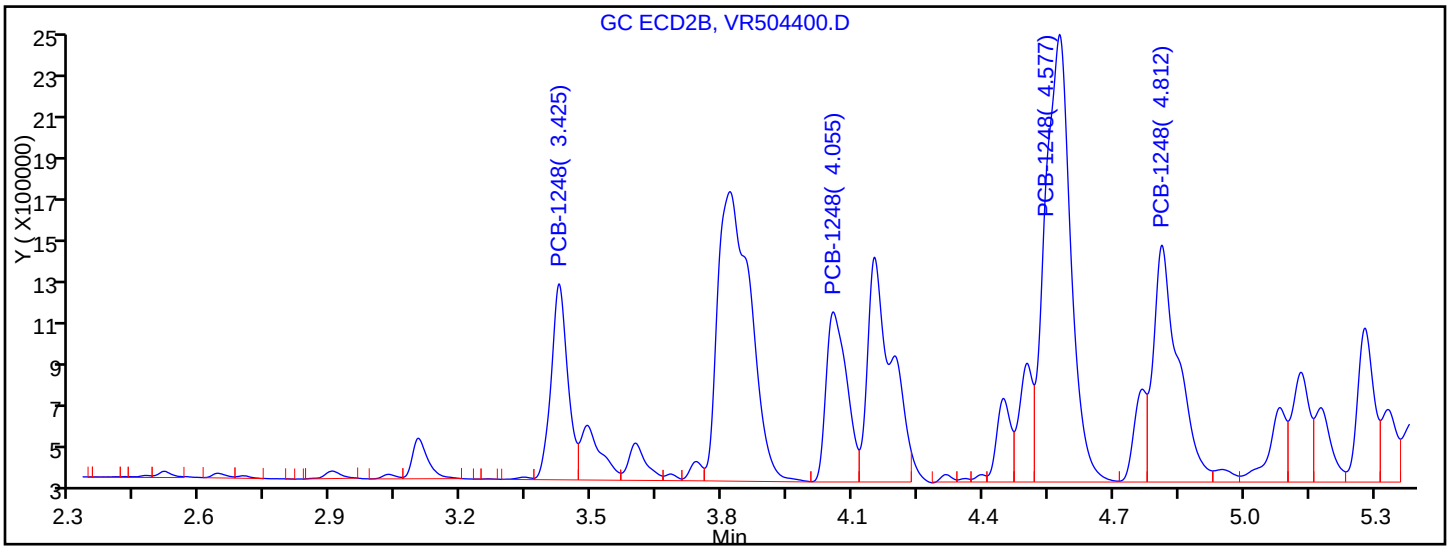
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.902	Response = 92026	
RT = 3.425	Response = 2502535	
RT = 4.055	Response = 2674613	M
RT = 4.577	Response = 8815642	M
RT = 4.812	Response = 4489674	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.425	Response = 2502535	
RT = 4.055	Response = 2720678	M
RT = 4.577	Response = 8843713	M
RT = 4.812	Response = 4524702	M

Reviewer: patelji, 10-Nov-2015 13:47:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

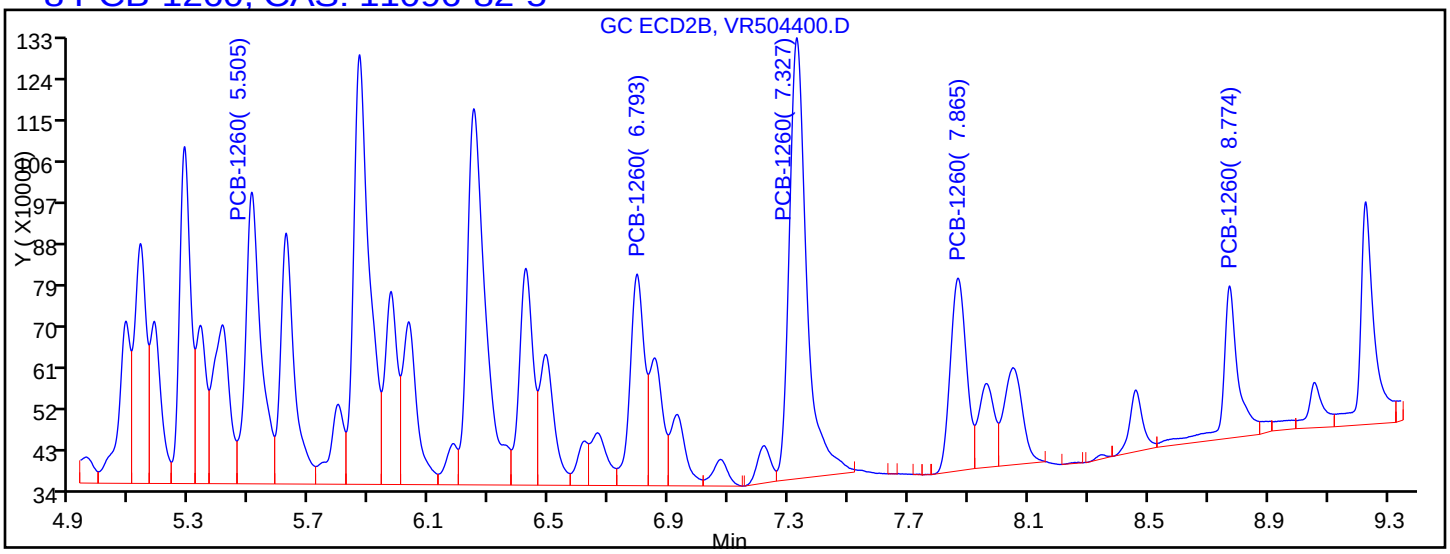
Report Date: 10-Nov-2015 16:10:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D

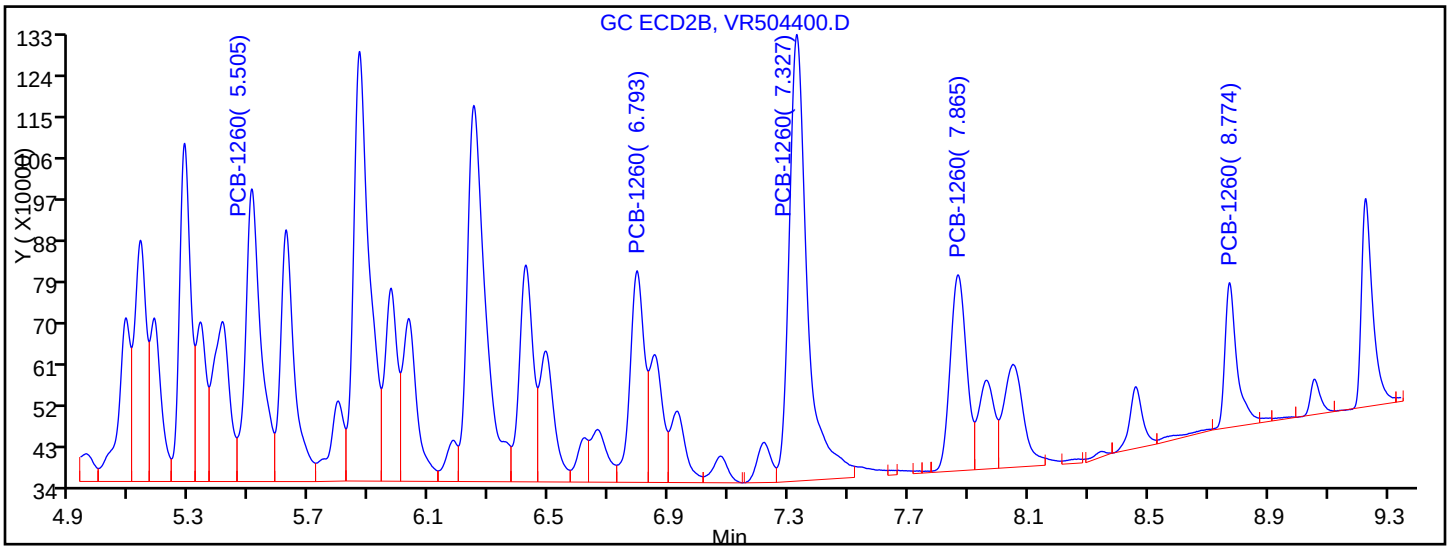
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.505	Response = 2294523	M
RT = 6.793	Response = 1541072	
RT = 7.327	Response = 3919045	M
RT = 7.865	Response = 1579316	M
RT = 8.774	Response = 1202894	M



Manual Integration Results

RT = 5.505	Response = 2310884	M
RT = 6.793	Response = 1541072	
RT = 7.327	Response = 4144256	M
RT = 7.865	Response = 1633167	M
RT = 8.774	Response = 888225	M

Reviewer: patelji, 10-Nov-2015 13:47:32

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

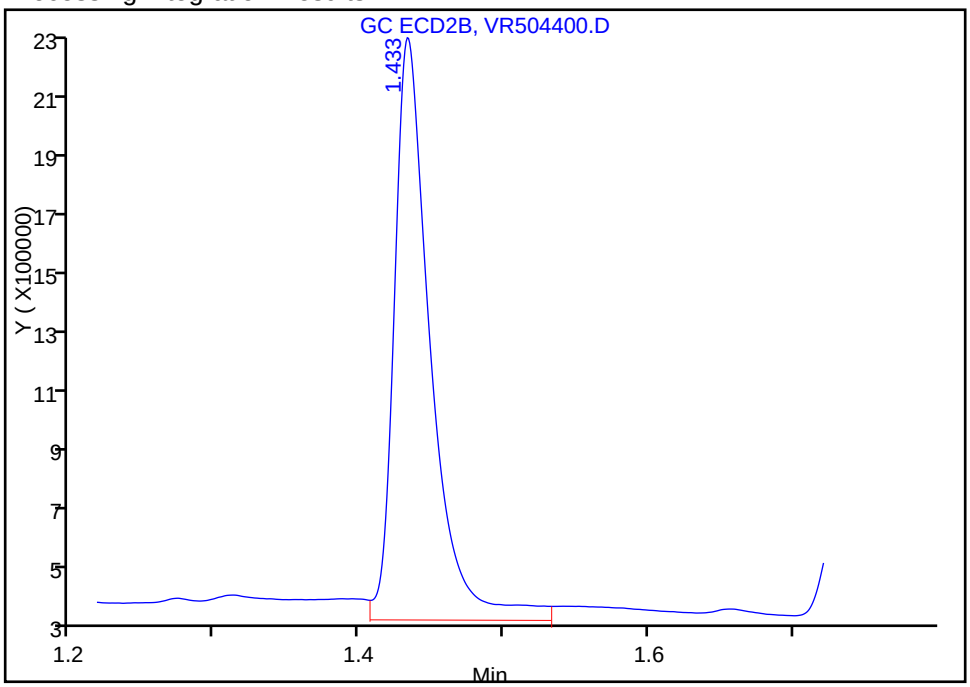
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504400.D				
Injection Date:	10-Nov-2015 13:32:18	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

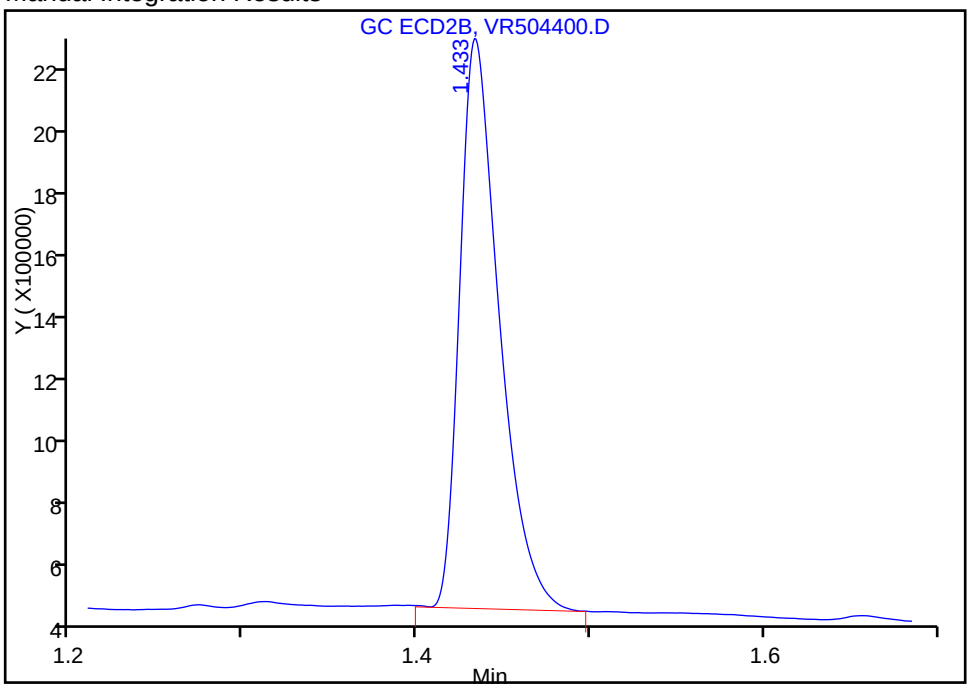
Processing Integration Results

RT: 1.43
Area: 3259952
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2863496
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 13:47:32
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 Lab Sample ID: 460-104096-31

Matrix: Solid Lab File ID: VR504382.D

Analysis Method: 8082A Date Collected: 11/05/2015 15:35

Extraction Method: 3546 Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0237(g) Date Analyzed: 11/10/2015 03:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D
Lims ID: 460-104096-E-31-A Lab Sample ID: 460-104096-31
Client ID: PRA-25 EE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 03:21:57 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-017
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:34:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.645	1.648	-0.003	1195883	20.0	
2	1.424	1.429	-0.005	2462072	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.125	10.115	0.010	2116200	39.8	M
2	9.229	9.228	0.001	4023314	31.9	M
					RPD = 21.97	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

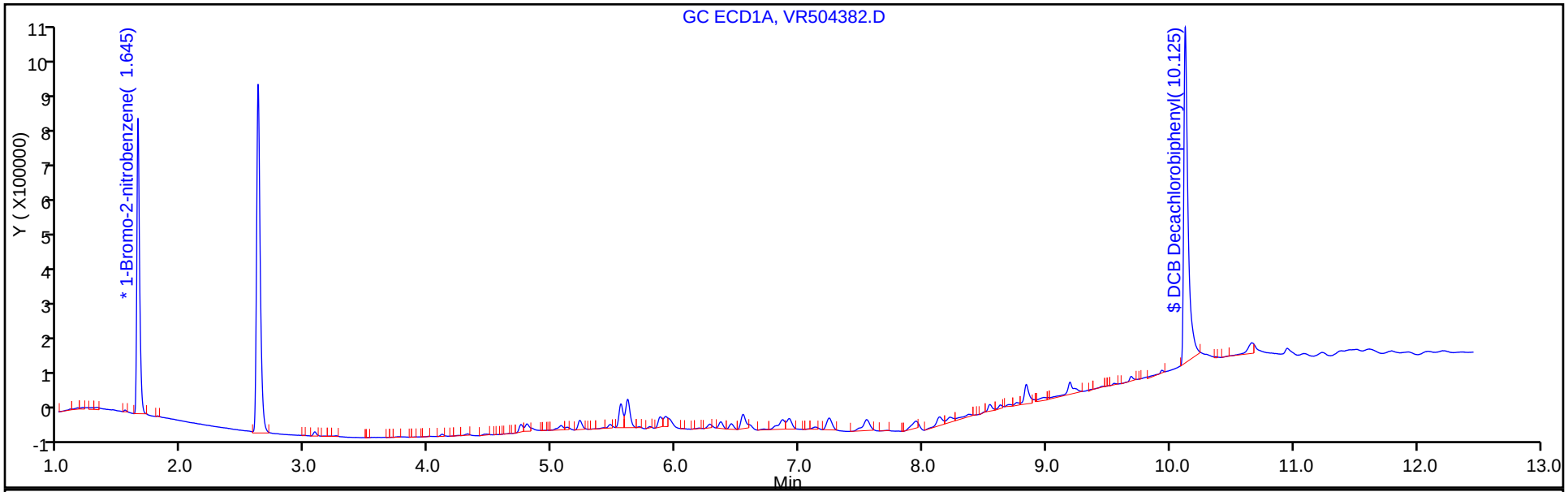
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

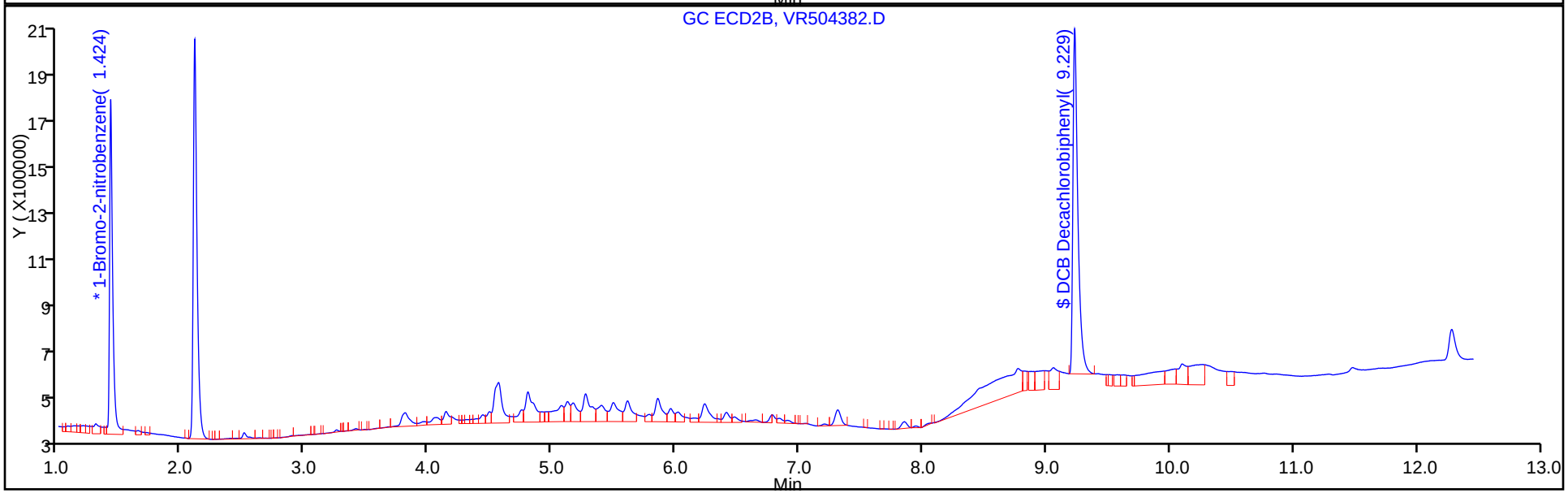
Report Date: 10-Nov-2015 12:02:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D

Injection Date:	10-Nov-2015 03:21:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-31-A	Lab Sample ID:	460-104096-31	Worklist Smp#:	17
Client ID:	PRA-25 EE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

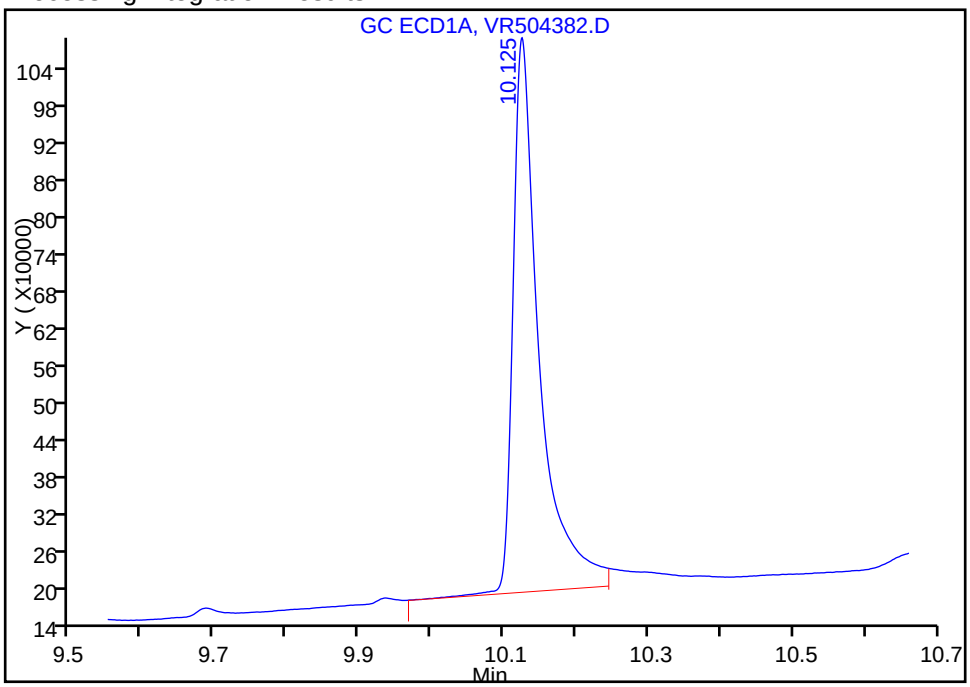
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D				
Injection Date:	10-Nov-2015 03:21:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-31-A	Lab Sample ID:	460-104096-31		
Client ID:	PRA-25 EE-1.75				
Operator ID:	615	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

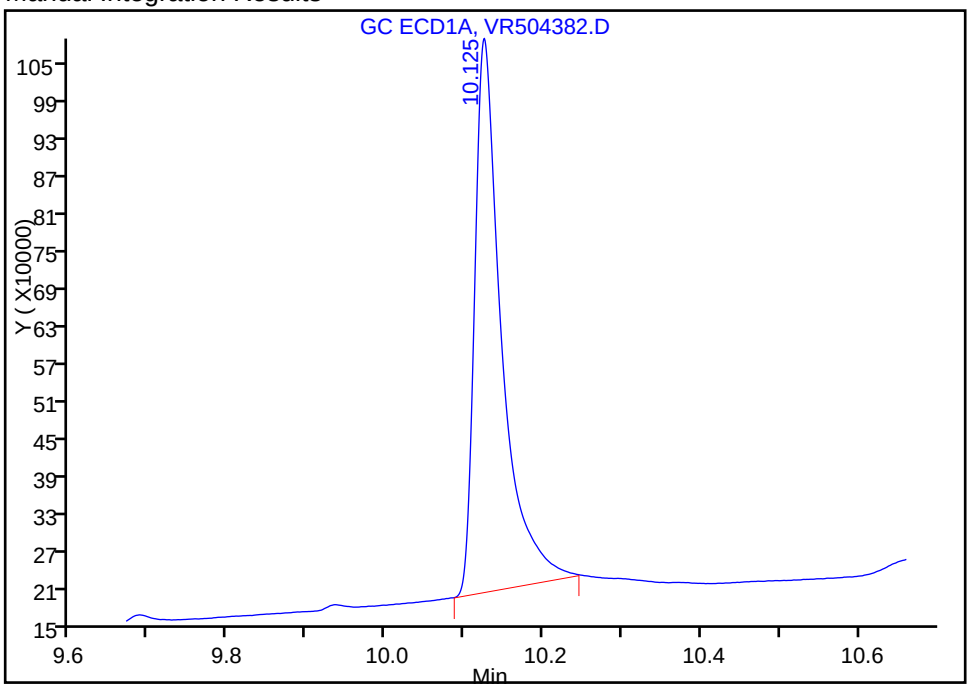
Processing Integration Results

RT: 10.12
Area: 2281177
Amount: 42.879025
Amount Units: ug/l



Manual Integration Results

RT: 10.12
Area: 2116200
Amount: 39.777971
Amount Units: ug/l



Reviewer: adoum, 10-Nov-2015 10:34:55
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: VR504382.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:35

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0237(g) | Date Analyzed: 11/10/2015 03:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.5	U	71	9.5
11104-28-2	Aroclor 1221	9.5	U	71	9.5
11141-16-5	Aroclor 1232	9.5	U	71	9.5
53469-21-9	Aroclor 1242	9.5	U	71	9.5
12672-29-6	Aroclor 1248	9.5	U	71	9.5
11097-69-1	Aroclor 1254	9.8	U	71	9.8
11096-82-5	Aroclor 1260	9.8	U	71	9.8
37324-23-5	Aroclor 1262	9.8	U	71	9.8
11100-14-4	Aroclor 1268	9.8	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	64		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D
Lims ID: 460-104096-E-31-A Lab Sample ID: 460-104096-31
Client ID: PRA-25 EE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 03:21:57 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-017
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:34:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.645	1.648	-0.003	1195883	20.0	
2	1.424	1.429	-0.005	2462072	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.125	10.115	0.010	2116200	39.8	M
2	9.229	9.228	0.001	4023314	31.9	M
					RPD = 21.97	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

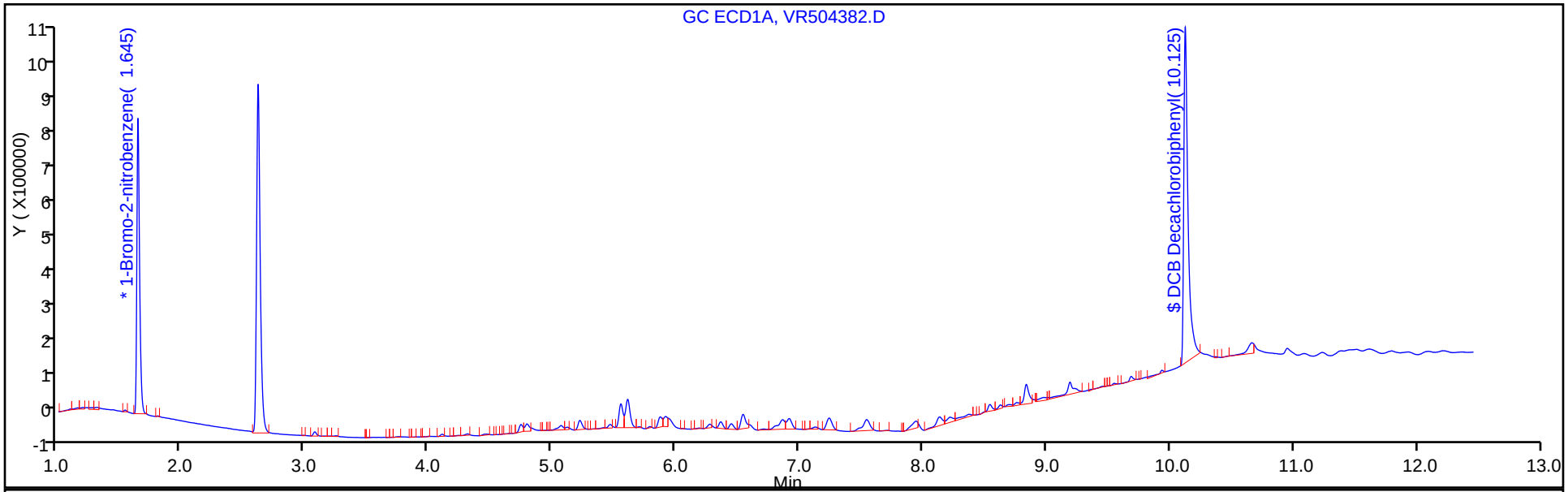
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

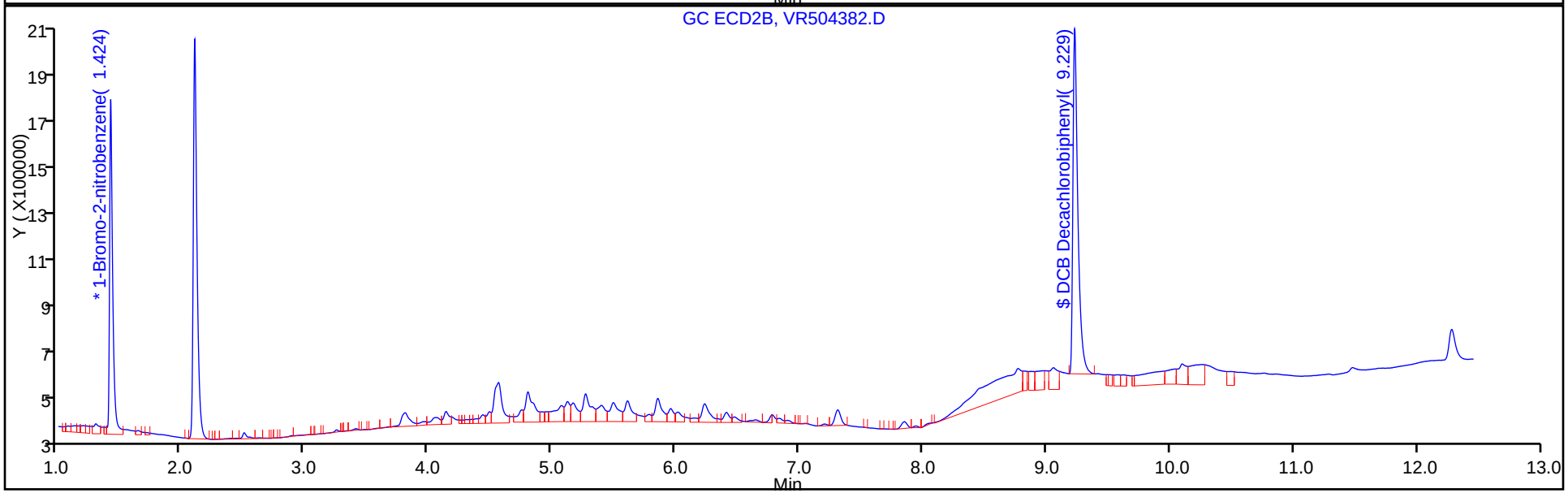
Report Date: 10-Nov-2015 12:02:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D

Injection Date:	10-Nov-2015 03:21:57	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-31-A	Lab Sample ID:	460-104096-31	Worklist Smp#:	17
Client ID:	PRA-25 EE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

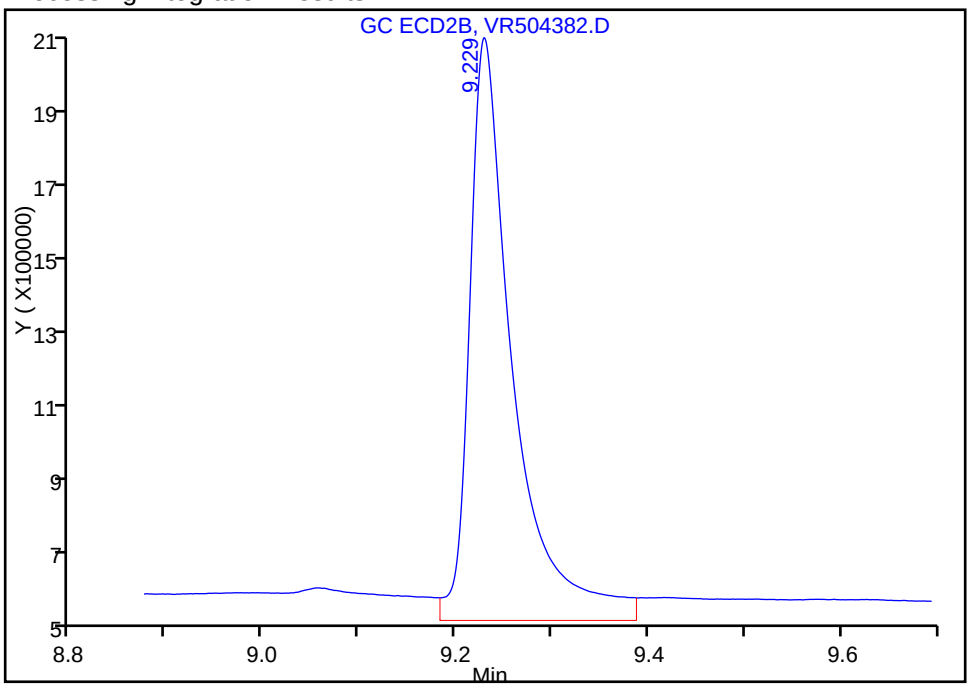
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504382.D				
Injection Date:	10-Nov-2015 03:21:57	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-31-A	Lab Sample ID:	460-104096-31		
Client ID:	PRA-25 EE-1.75				
Operator ID:	615	ALS Bottle#:	17	Worklist Smp#:	17
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

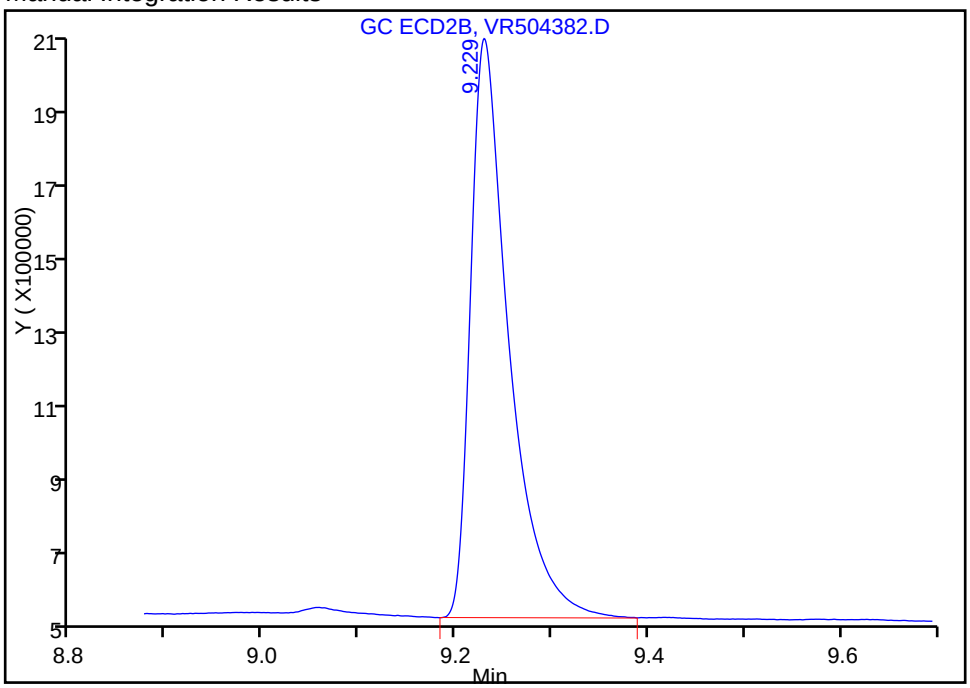
Processing Integration Results

RT: 9.23
Area: 4734455
Amount: 37.542521
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 4023314
Amount: 31.903430
Amount Units: ug/l



Reviewer: adoum, 10-Nov-2015 10:34:55
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: VR504383.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:33

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0362(g) | Date Analyzed: 11/10/2015 08:37

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.: 334219 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D
Lims ID: 460-104096-F-32-A Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 08:37:09 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-018
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:32:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.648	-0.005	1117163	20.0	
2	1.422	1.429	-0.007	2199179	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.157	10.115	0.042	2126039	42.8	M
2	9.241	9.228	0.013	4190843	37.2	M
					RPD = 13.94	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

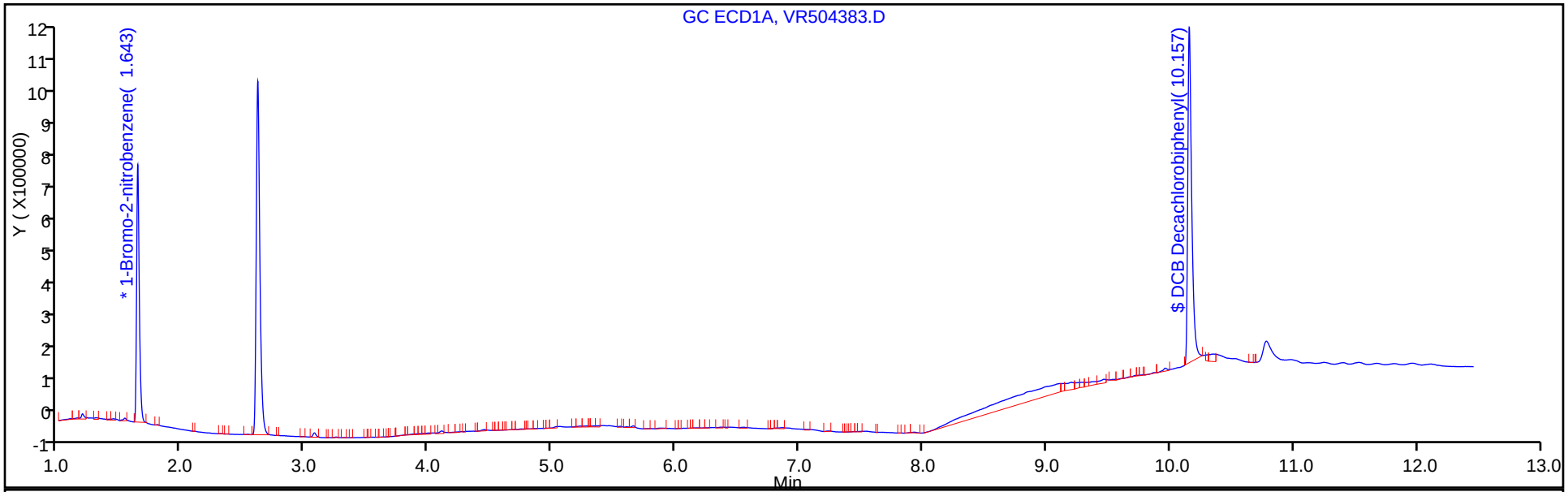
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

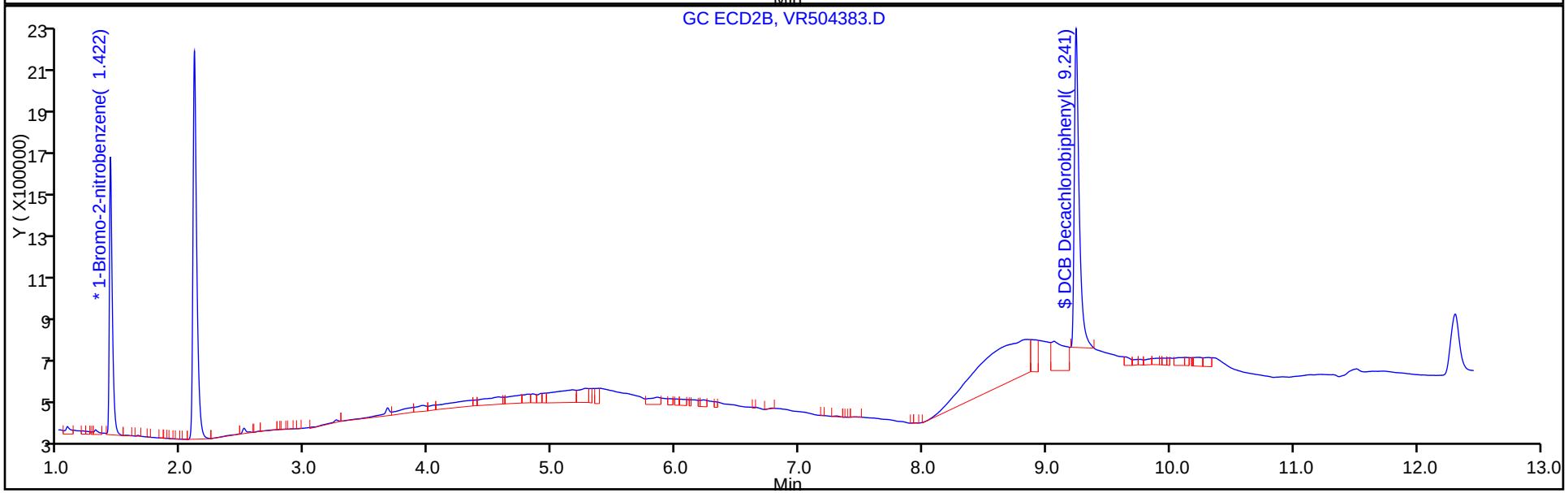
Report Date: 10-Nov-2015 12:02:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D

Injection Date:	10-Nov-2015 08:37:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-32-A	Lab Sample ID:	460-104096-32	Worklist Smp#:	18
Client ID:	PRA-25 EE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

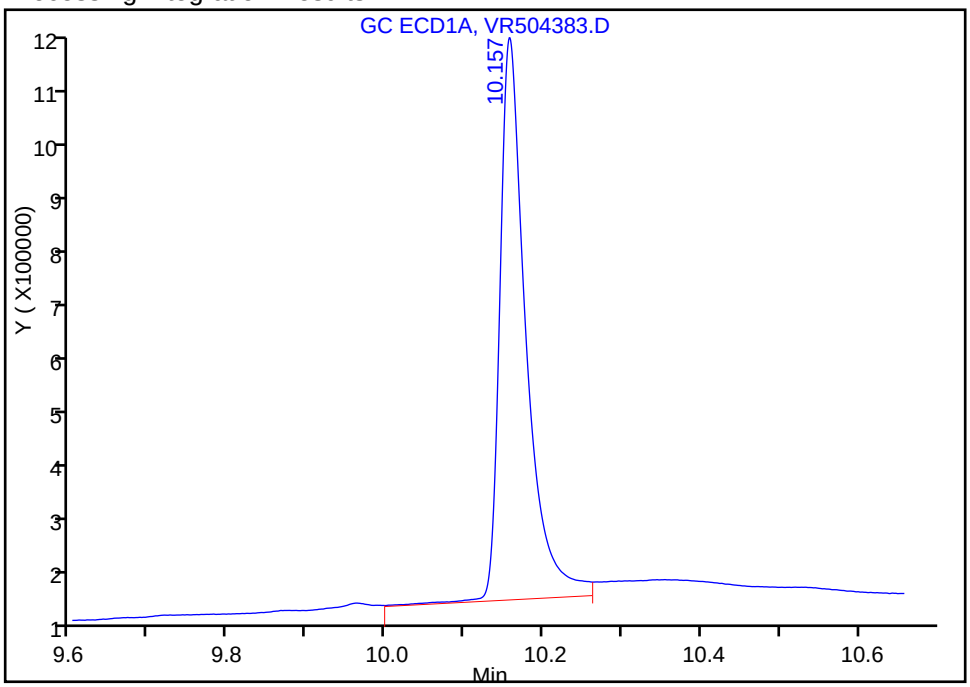
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D				
Injection Date:	10-Nov-2015 08:37:09	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-32-A	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	615	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

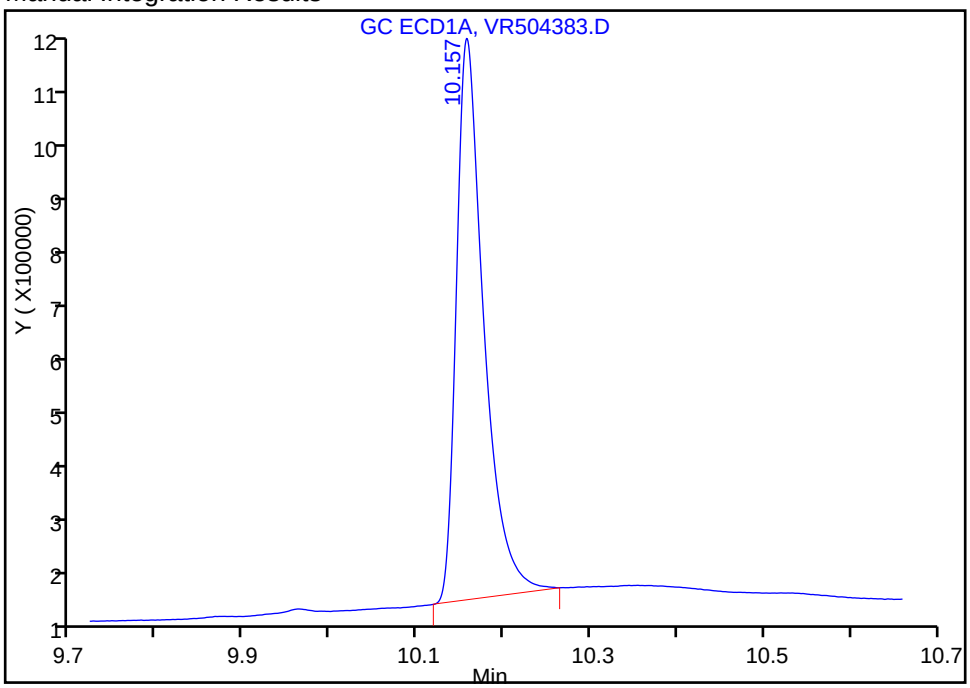
Processing Integration Results

RT: 10.16
Area: 2268757
Amount: 45.650554
Amount Units: ug/l



Manual Integration Results

RT: 10.16
Area: 2126039
Amount: 42.778869
Amount Units: ug/l



Reviewer: adoum, 10-Nov-2015 10:32:01
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: VR504383.D

Analysis Method: 8082A | Date Collected: 11/05/2015 15:33

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0362(g) | Date Analyzed: 11/10/2015 08:37

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.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.4	U	71	9.4
11104-28-2	Aroclor 1221	9.4	U	71	9.4
11141-16-5	Aroclor 1232	9.4	U	71	9.4
53469-21-9	Aroclor 1242	9.4	U	71	9.4
12672-29-6	Aroclor 1248	9.4	U	71	9.4
11097-69-1	Aroclor 1254	9.7	U	71	9.7
11096-82-5	Aroclor 1260	9.7	U	71	9.7
37324-23-5	Aroclor 1262	9.7	U	71	9.7
11100-14-4	Aroclor 1268	9.7	U	71	9.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D
Lims ID: 460-104096-F-32-A Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 08:37:09 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-018
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:32:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.643	1.648	-0.005	1117163	20.0	
2	1.422	1.429	-0.007	2199179	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						M
1	10.157	10.115	0.042	2126039	42.8	M
2	9.241	9.228	0.013	4190843	37.2	M
					RPD = 13.94	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

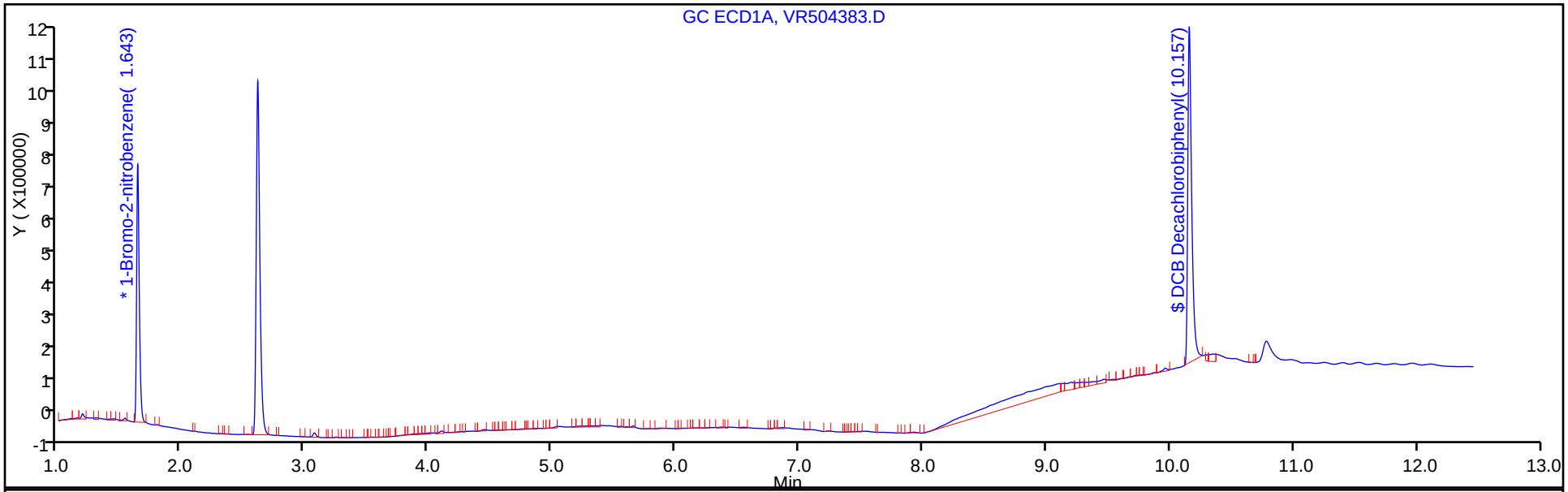
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

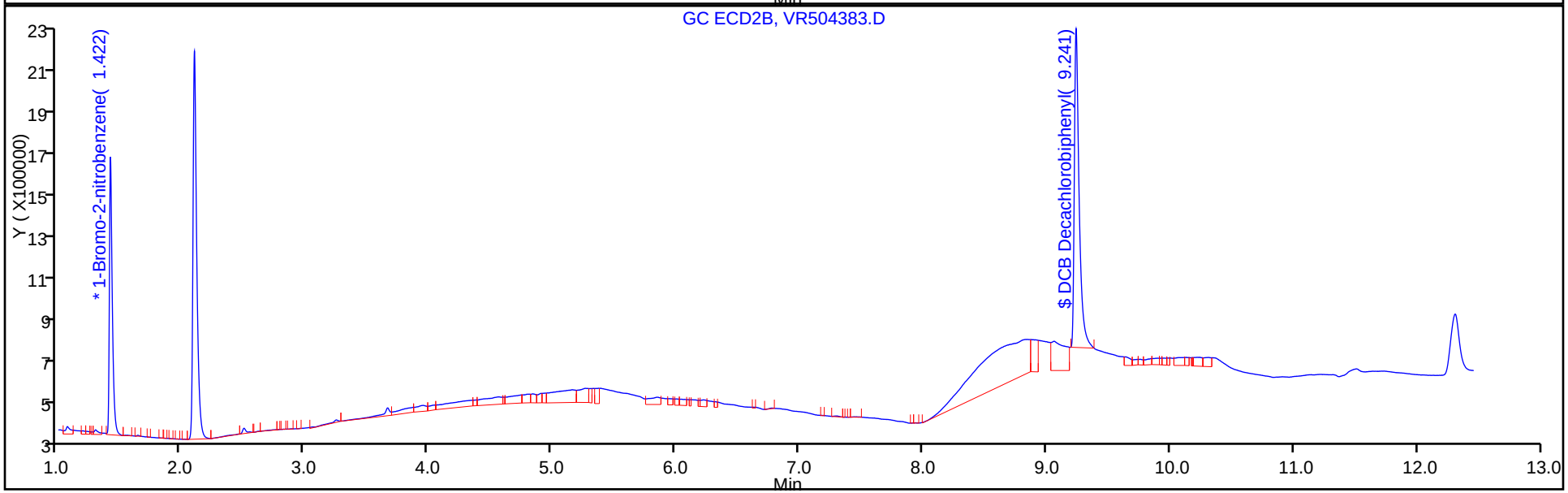
Report Date: 10-Nov-2015 12:03:00 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D

Injection Date:	10-Nov-2015 08:37:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-32-A	Lab Sample ID:	460-104096-32	Worklist Smp#:	18
Client ID:	PRA-25 EE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

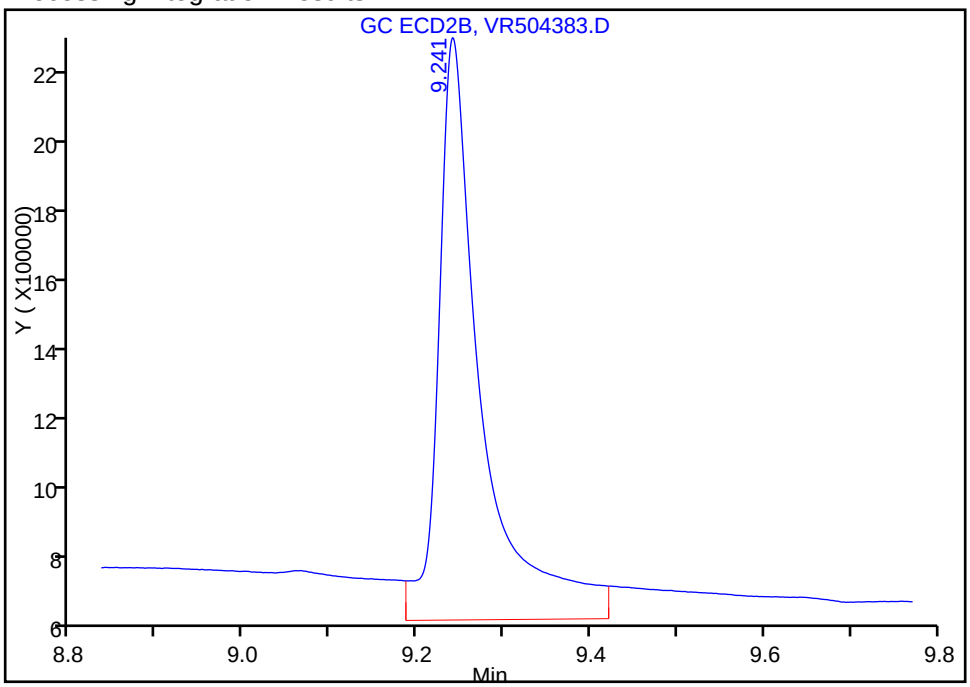
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504383.D				
Injection Date:	10-Nov-2015 08:37:09	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-32-A	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	615	ALS Bottle#:	18	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

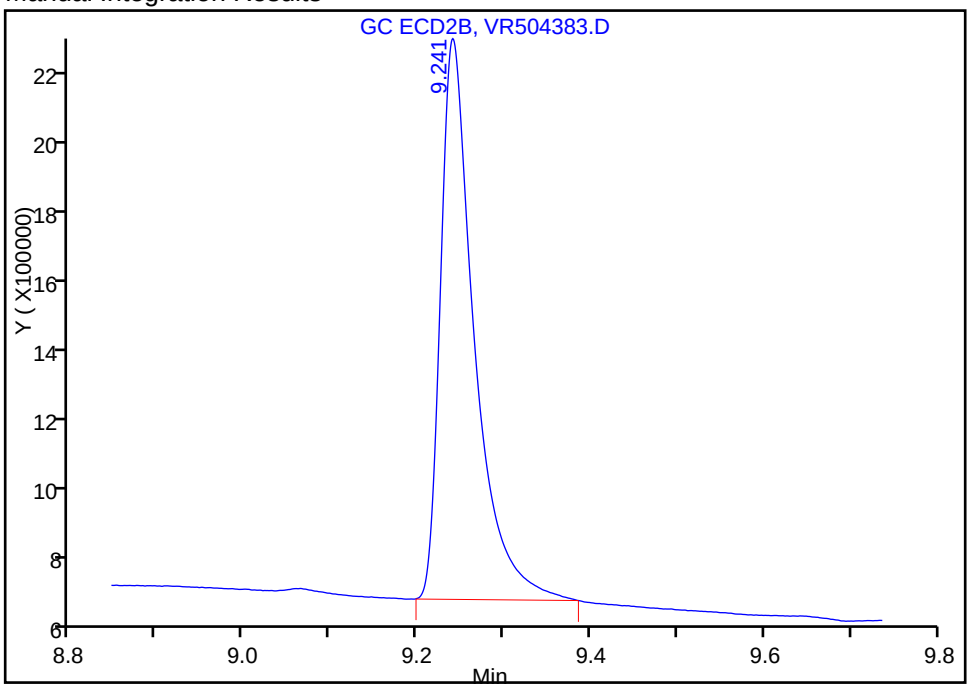
Processing Integration Results

RT: 9.24
Area: 5688394
Amount: 50.499059
Amount Units: ug/l



Manual Integration Results

RT: 9.24
Area: 4190843
Amount: 37.204460
Amount Units: ug/l



Reviewer: adoum, 10-Nov-2015 10:32:01
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 Lab Sample ID: 460-104096-33

Matrix: Solid Lab File ID: VR504384.D

Analysis Method: 8082A Date Collected: 11/05/2015 09:26

Extraction Method: 3546 Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0483(g) Date Analyzed: 11/10/2015 08:52

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504384.D
Lims ID: 460-104096-F-33-A Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 08:52:58 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-019
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:26:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.648	-0.006	1762442	20.0	
2	1.428	1.429	-0.001	2519018	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.118	10.115	0.003	2752931	35.1	
2	9.227	9.228	-0.001	5557375	43.1	
					RPD = 20.36	

Reagents:

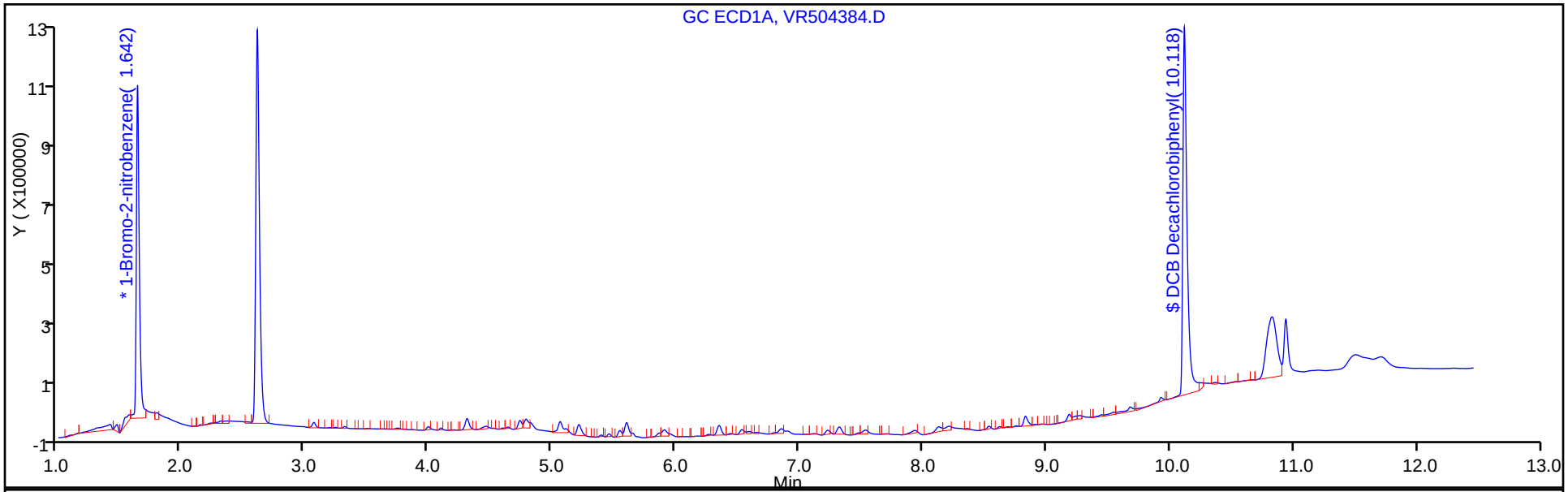
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

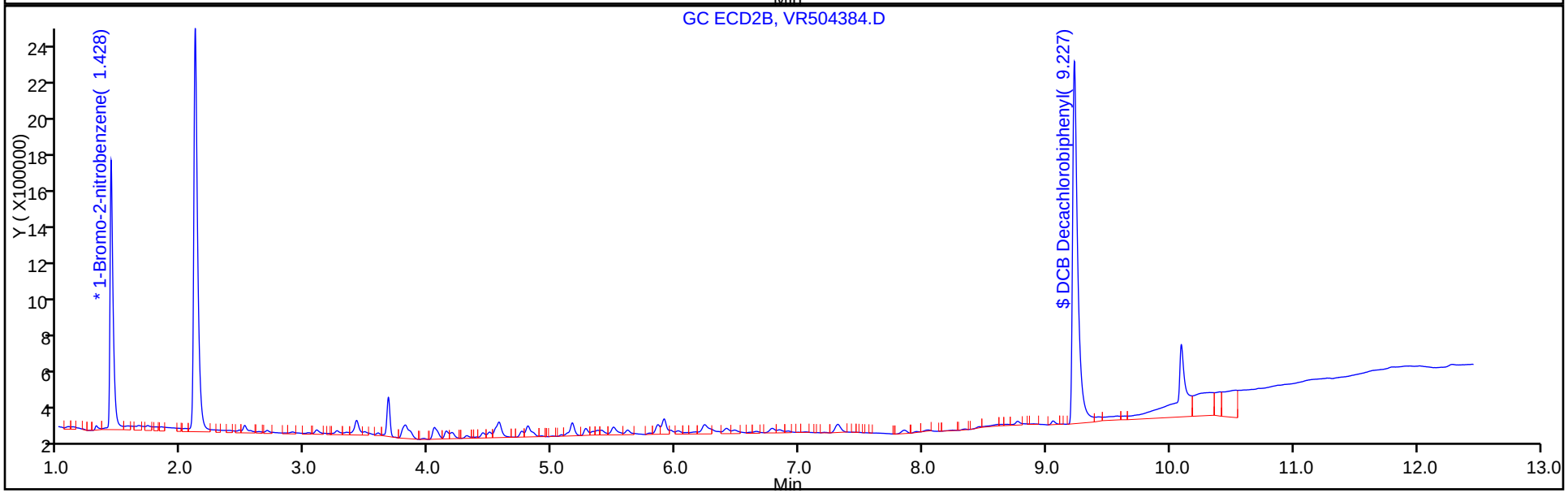
Report Date: 10-Nov-2015 12:03:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504384.D

Injection Date:	10-Nov-2015 08:52:58	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-33-A	Lab Sample ID:	460-104096-33	Worklist Smp#:	19
Client ID:	PRA-6 SE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: VR504384.D

Analysis Method: 8082A | Date Collected: 11/05/2015 09:26

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0483(g) | Date Analyzed: 11/10/2015 08:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	9.3	U	70	9.3
11104-28-2	Aroclor 1221	9.3	U	70	9.3
11141-16-5	Aroclor 1232	9.3	U	70	9.3
53469-21-9	Aroclor 1242	9.3	U	70	9.3
12672-29-6	Aroclor 1248	9.3	U	70	9.3
11097-69-1	Aroclor 1254	9.6	U	70	9.6
11096-82-5	Aroclor 1260	9.6	U	70	9.6
37324-23-5	Aroclor 1262	9.6	U	70	9.6
11100-14-4	Aroclor 1268	9.6	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504384.D
Lims ID: 460-104096-F-33-A Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 08:52:58 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034020-019
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 10:26:52

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.642	1.648	-0.006	1762442	20.0	
2	1.428	1.429	-0.001	2519018	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	10.118	10.115	0.003	2752931	35.1	
2	9.227	9.228	-0.001	5557375	43.1	
					RPD = 20.36	

Reagents:

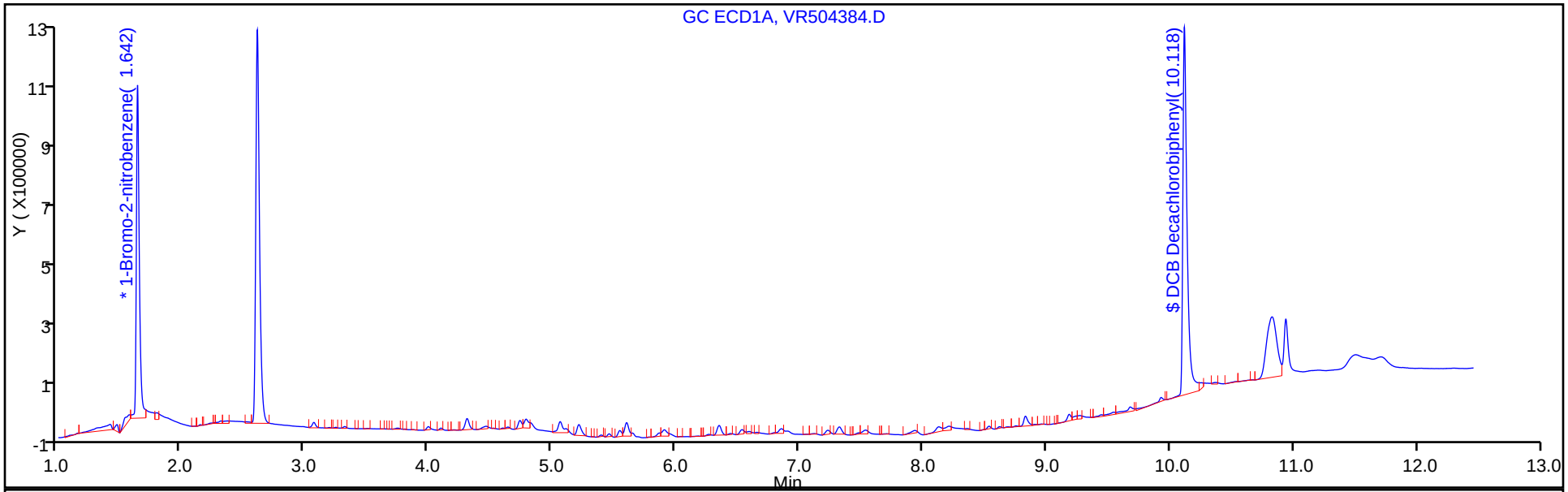
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

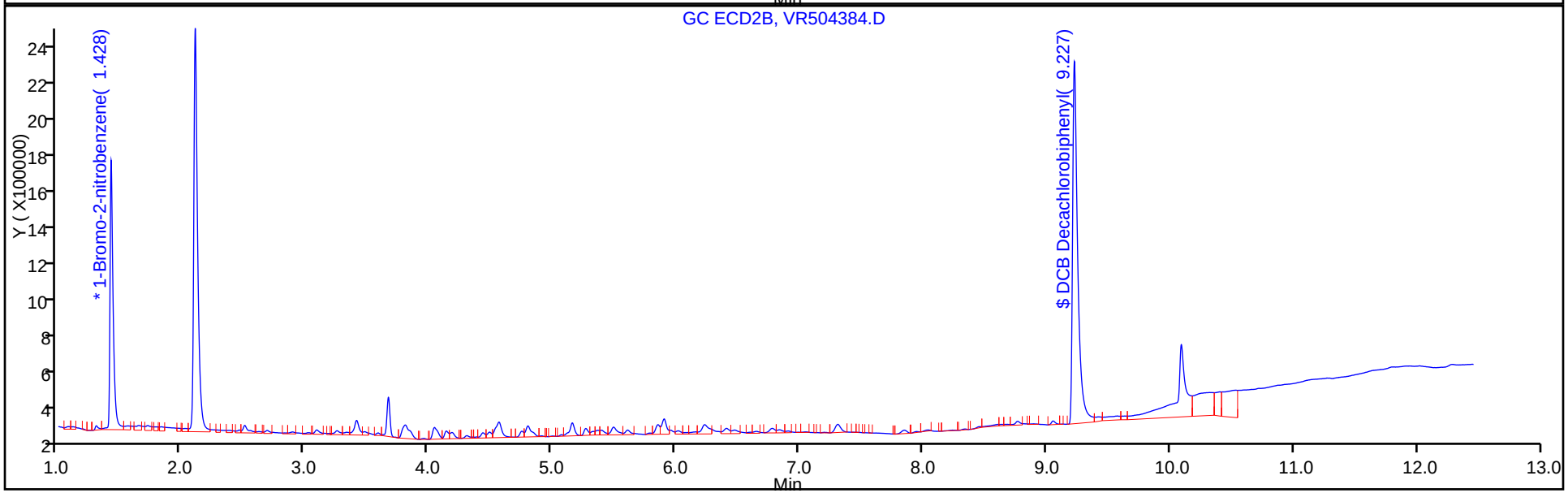
Report Date: 10-Nov-2015 12:03:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504384.D

Injection Date:	10-Nov-2015 08:52:58	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-33-A	Lab Sample ID:	460-104096-33	Worklist Smp#:	19
Client ID:	PRA-6 SE-1.75				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: VR504401.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:28

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0277(g) | Date Analyzed: 11/10/2015 13:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D
Lims ID: 460-104096-F-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 13:48:03 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034058-013
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:11:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1453026	20.0	M
2	1.434	1.428	0.006	2927946	20.0	M
					RPD = 0.00	
6 PCB-1248						M
1	3.745	3.756	-0.011	1312865	876.5	M
1	4.313	4.321	-0.008	1801946	591.5	M
1	4.744	4.752	-0.008	2555161	1447.6	M
1	5.554	5.562	-0.008	2307973	969.8	M
1	5.609	5.613	-0.004	3853900	1170.1	M
		Average of Peak Amounts =			1011.1	
2	2.899	2.897	0.002	2032055	894.4	M
2	3.422	3.418	0.004	2792334	571.3	M
2	4.055	4.052	0.003	7651615	1576.9	M
2	4.577	4.547	0.030	10180878	1114.0	M
2	4.812	4.813	-0.001	5621472	1014.6	M
		Average of Peak Amounts =			1034.2	
					RPD = 2.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.139	-0.030	572318	8.85	M
2	9.229	9.238	-0.009	1174748	7.83	M
					RPD = 12.24	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

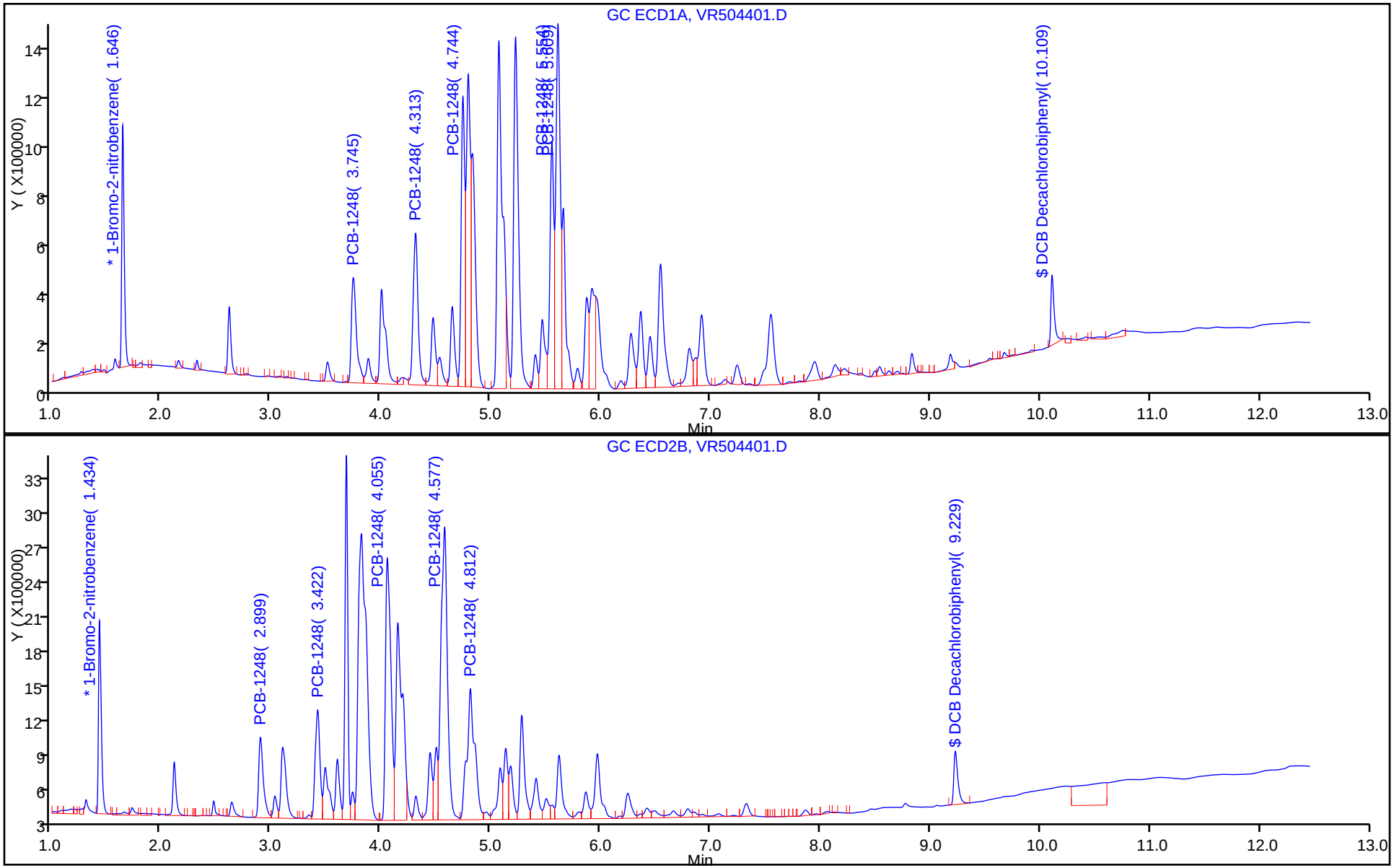
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 16:10:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D

Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34	Worklist Smp#:	13
Client ID:	PRA-5 SE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

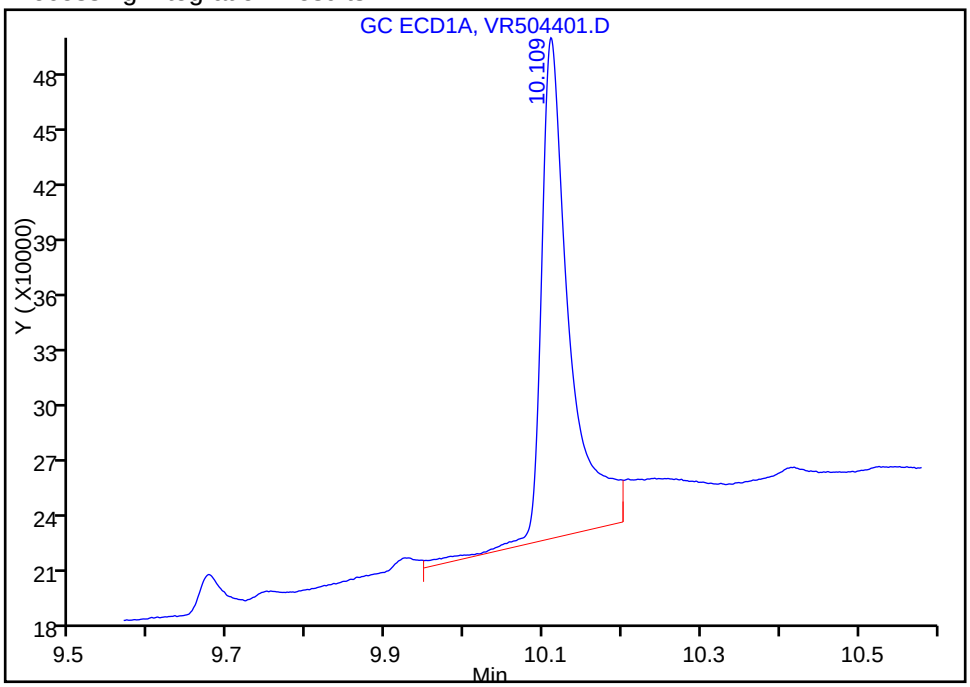
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D				
Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

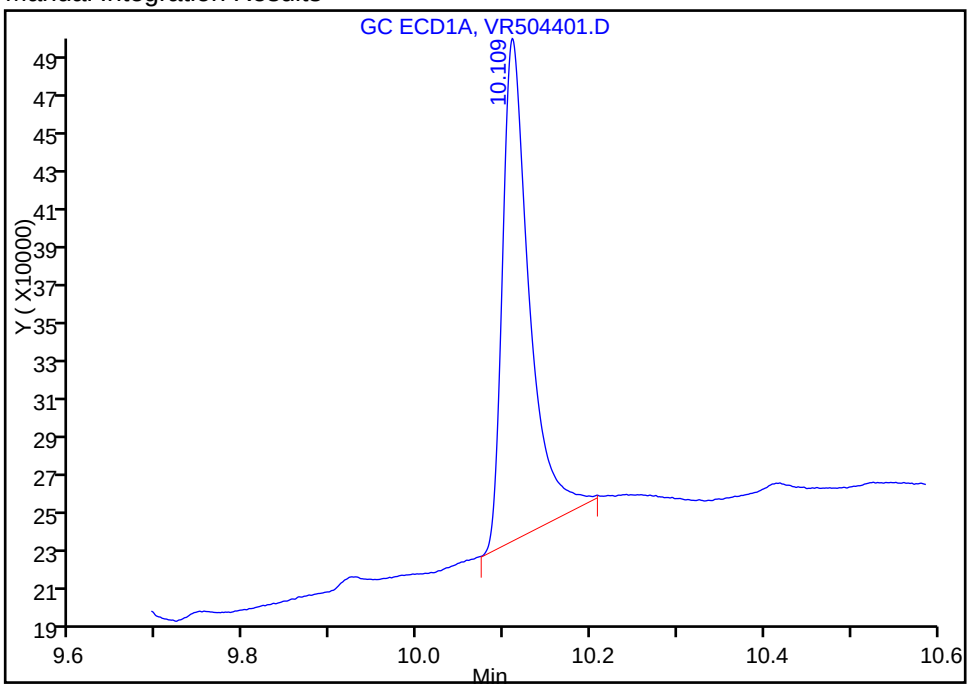
Processing Integration Results

RT: 10.11
Area: 681765
Amount: 10.223881
Amount Units: ug/l



Manual Integration Results

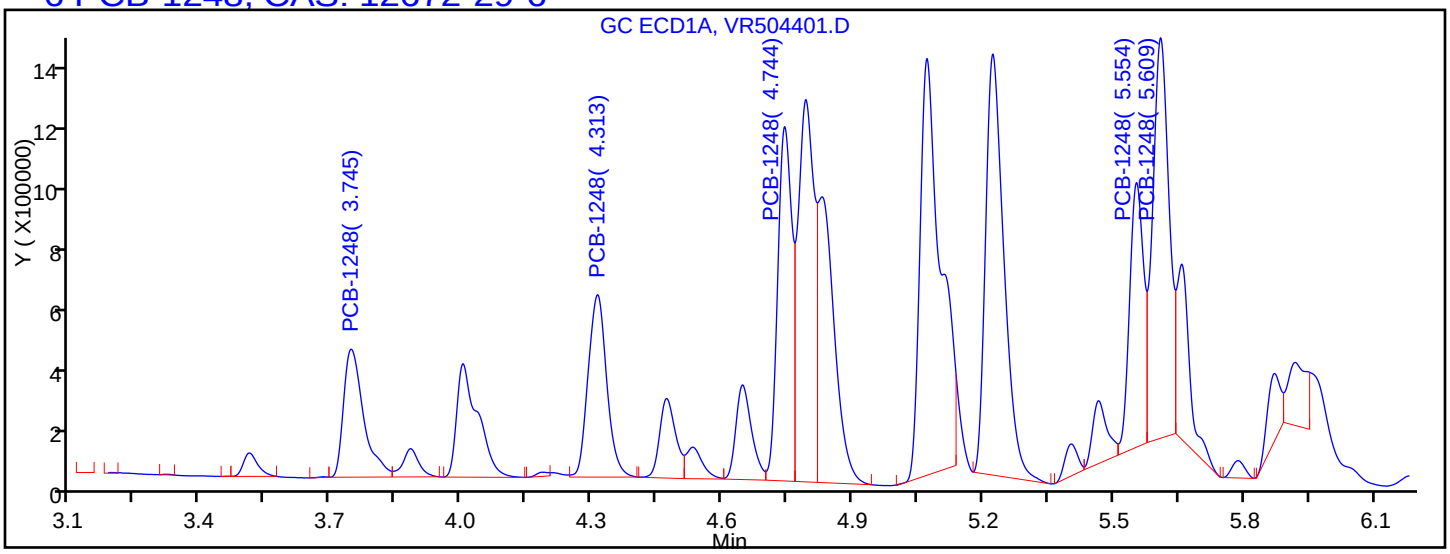
RT: 10.11
Area: 572318
Amount: 8.853982
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:11:11
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

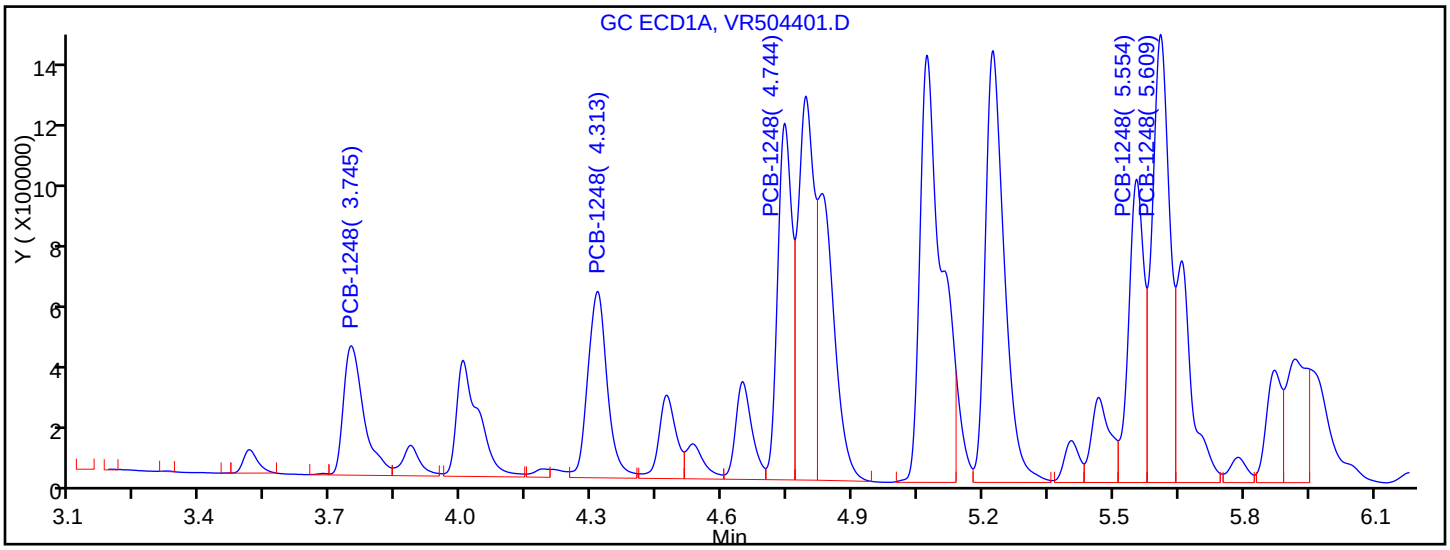
Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D
Injection Date: 10-Nov-2015 13:48:03 Instrument ID: CPESTGC9
Lims ID: 460-104096-F-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Operator ID: 615 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 3.745	Response = 1274824	M
RT = 4.313	Response = 1684250	M
RT = 4.744	Response = 2526199	M
RT = 5.554	Response = 1851085	M
RT = 5.609	Response = 3270064	M



Manual Integration Results

RT = 3.745	Response = 1312865	M
RT = 4.313	Response = 1801946	M
RT = 4.744	Response = 2555161	M
RT = 5.554	Response = 2307973	M
RT = 5.609	Response = 3853900	M

Reviewer: patelji, 10-Nov-2015 14:11:11
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

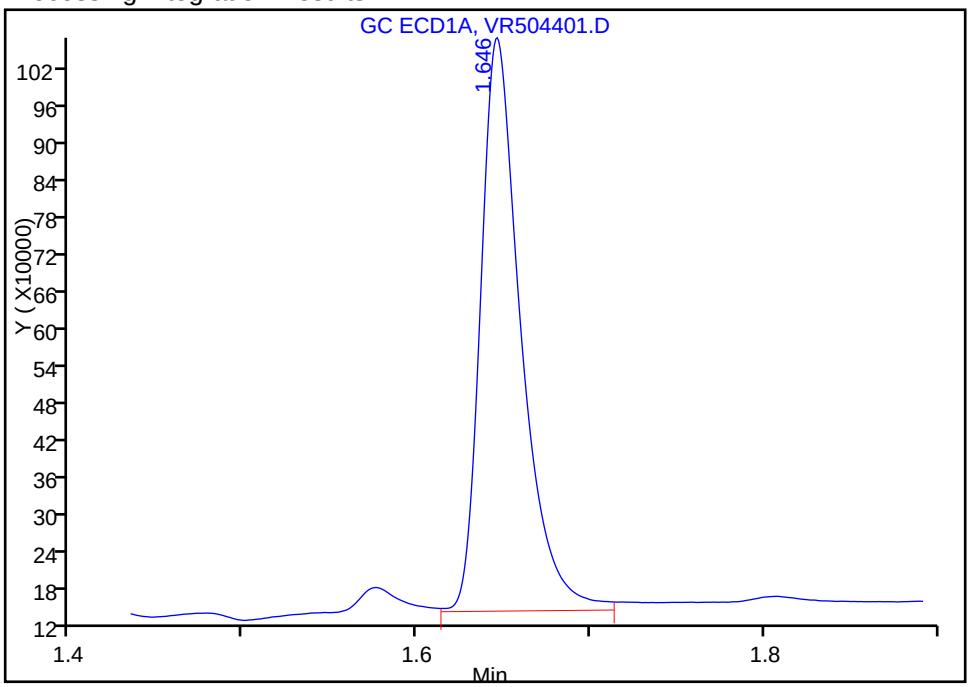
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D				
Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

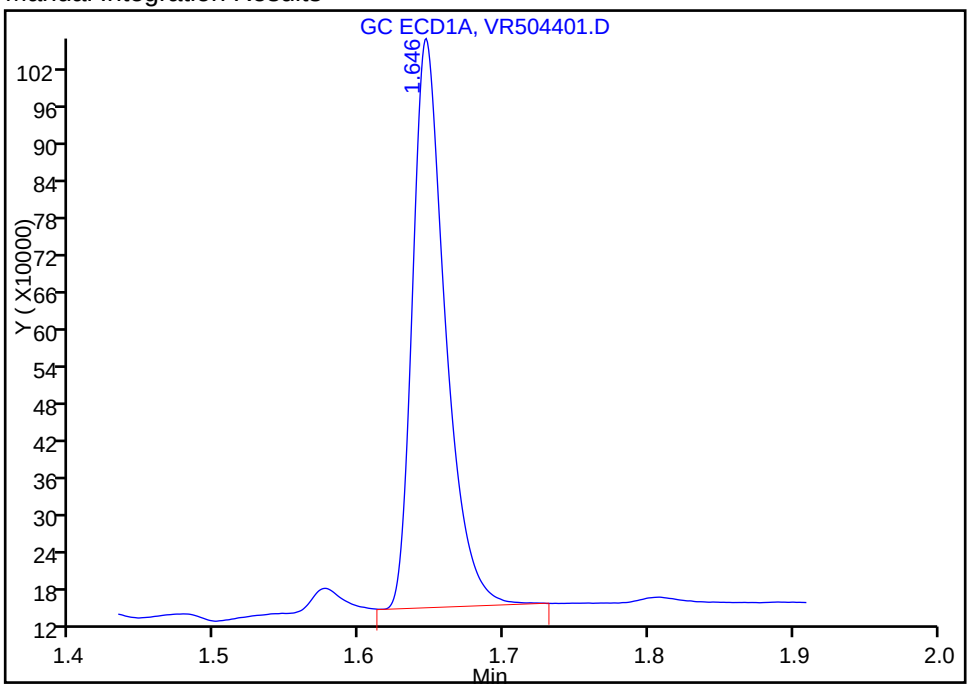
Processing Integration Results

RT: 1.65
Area: 1498972
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 1453026
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:11:11
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: VR504401.D

Analysis Method: 8082A | Date Collected: 11/05/2015 10:28

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0277(g) | Date Analyzed: 11/10/2015 13:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	47	U	350	47
11104-28-2	Aroclor 1221	47	U	350	47
11141-16-5	Aroclor 1232	47	U	350	47
53469-21-9	Aroclor 1242	47	U	350	47
12672-29-6	Aroclor 1248	3600		350	47
11097-69-1	Aroclor 1254	49	U	350	49
11096-82-5	Aroclor 1260	49	U	350	49
37324-23-5	Aroclor 1262	49	U	350	49
11100-14-4	Aroclor 1268	49	U	350	49

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D
Lims ID: 460-104096-F-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 13:48:03 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034058-013
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:11:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1453026	20.0	M
2	1.434	1.428	0.006	2927946	20.0	M
					RPD = 0.00	
6 PCB-1248						M
1	3.745	3.756	-0.011	1312865	876.5	M
1	4.313	4.321	-0.008	1801946	591.5	M
1	4.744	4.752	-0.008	2555161	1447.6	M
1	5.554	5.562	-0.008	2307973	969.8	M
1	5.609	5.613	-0.004	3853900	1170.1	M
		Average of Peak Amounts =			1011.1	
2	2.899	2.897	0.002	2032055	894.4	M
2	3.422	3.418	0.004	2792334	571.3	M
2	4.055	4.052	0.003	7651615	1576.9	M
2	4.577	4.547	0.030	10180878	1114.0	M
2	4.812	4.813	-0.001	5621472	1014.6	M
		Average of Peak Amounts =			1034.2	
					RPD = 2.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.139	-0.030	572318	8.85	M
2	9.229	9.238	-0.009	1174748	7.83	M
					RPD = 12.24	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

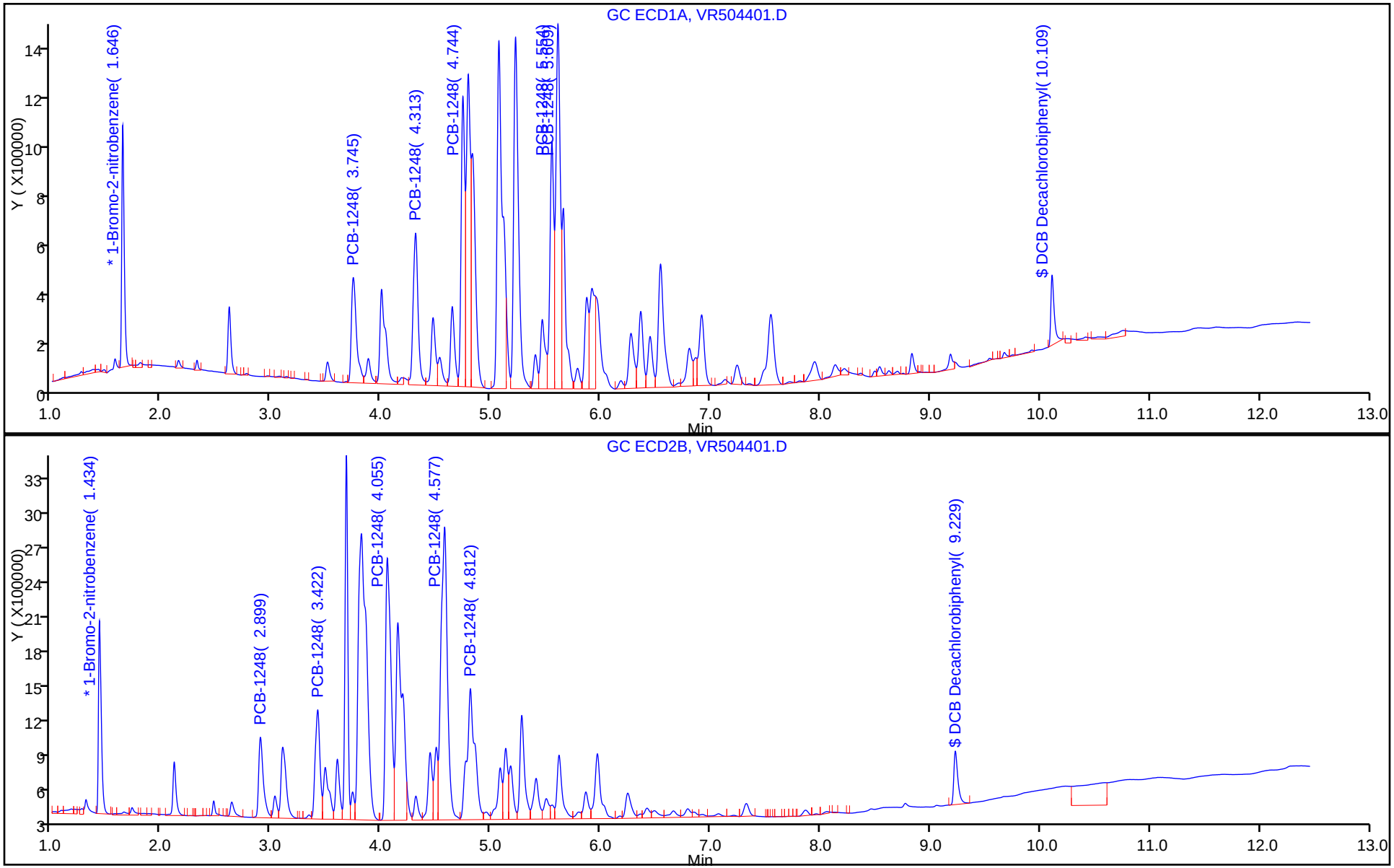
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 16:10:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D

Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34	Worklist Smp#:	13
Client ID:	PRA-5 SE-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

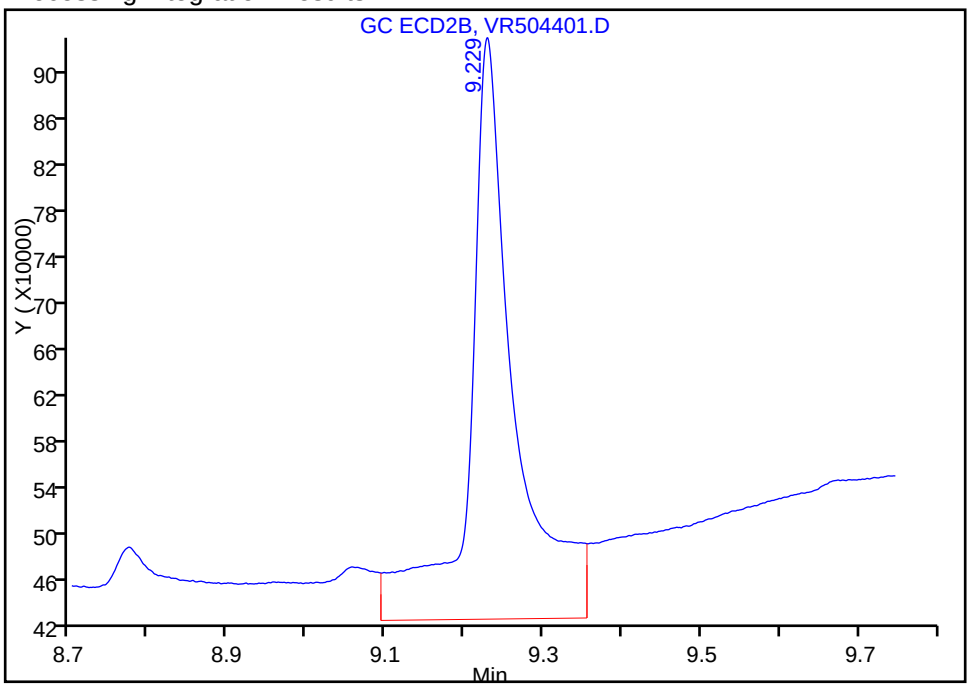
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D				
Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

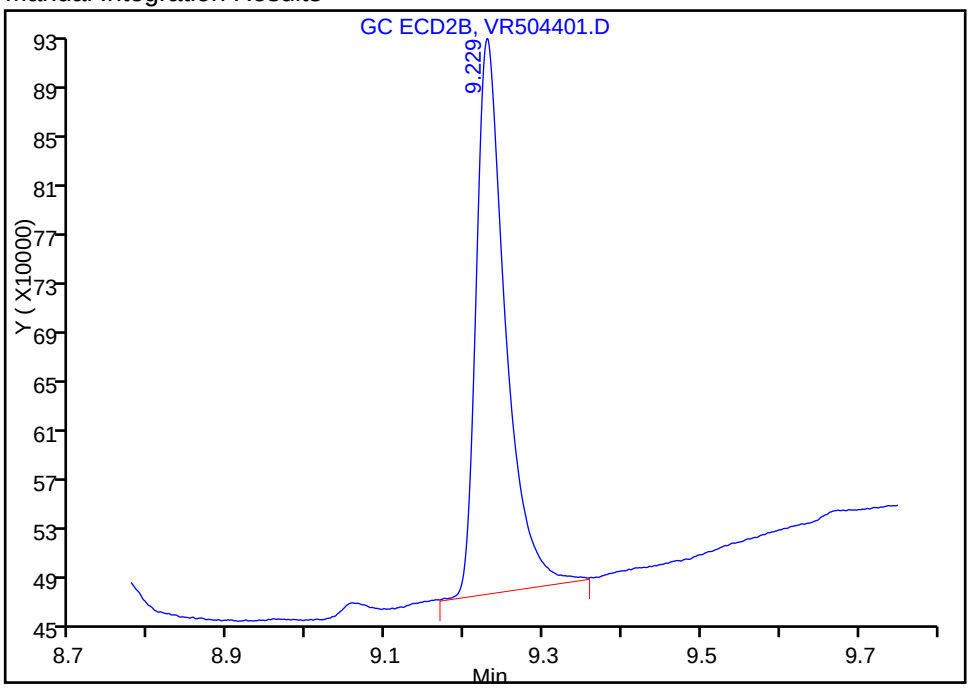
Processing Integration Results

RT: 9.23
Area: 1992360
Amount: 13.051504
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 1174748
Amount: 7.833139
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:11:11
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

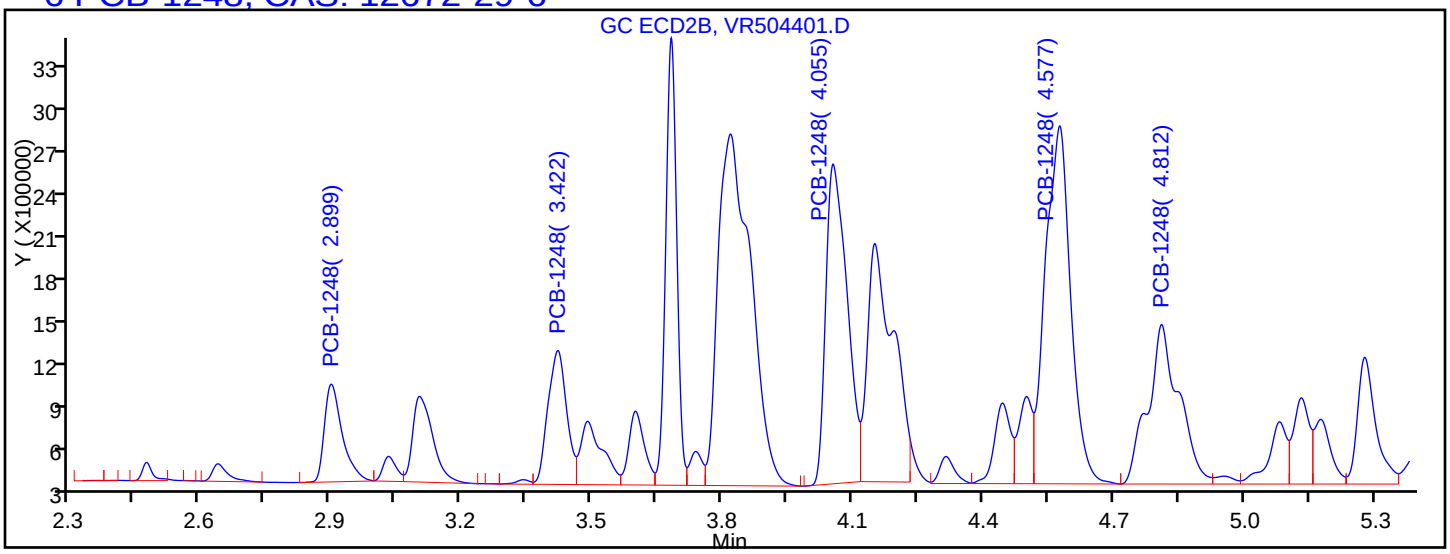
Report Date: 10-Nov-2015 16:10:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D

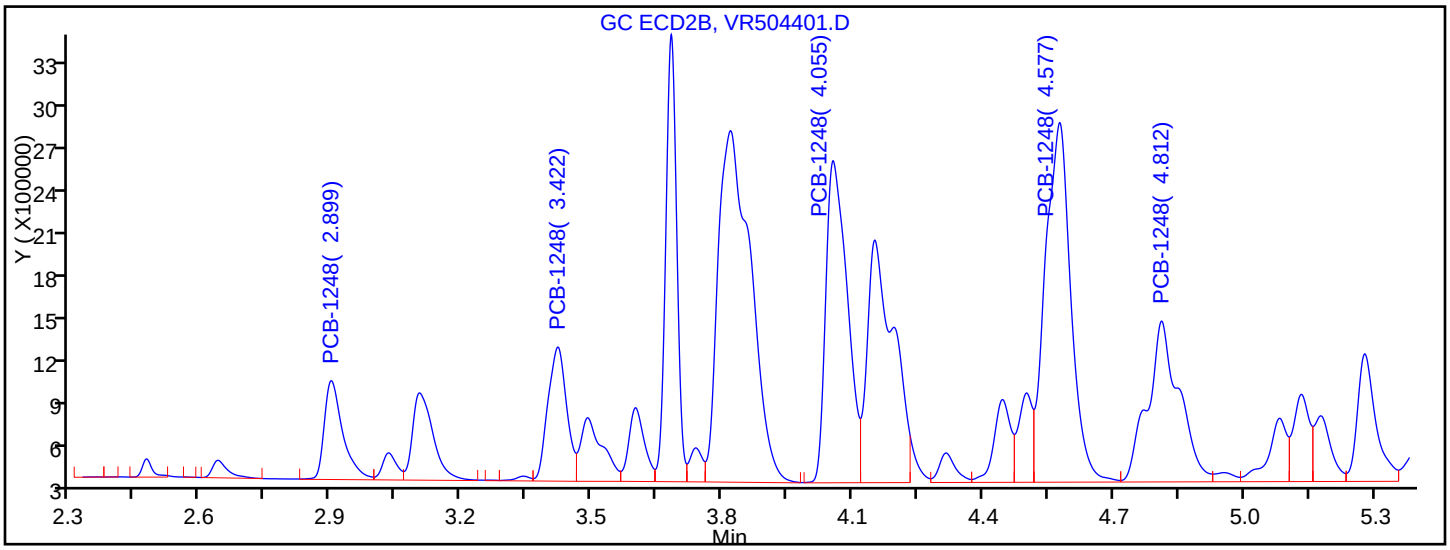
Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

6 PCB-1248, CAS: 12672-29-6



Processing Integration Results

RT = 2.899	Response = 1938985	M
RT = 3.422	Response = 2781444	M
RT = 4.055	Response = 7519873	M
RT = 4.577	Response = 10031106	M
RT = 4.812	Response = 5497298	M



Manual Integration Results

RT = 2.899	Response = 2032055	M
RT = 3.422	Response = 2792334	M
RT = 4.055	Response = 7651615	M
RT = 4.577	Response = 10180878	M
RT = 4.812	Response = 5621472	M

Reviewer: patelji, 10-Nov-2015 14:11:11

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

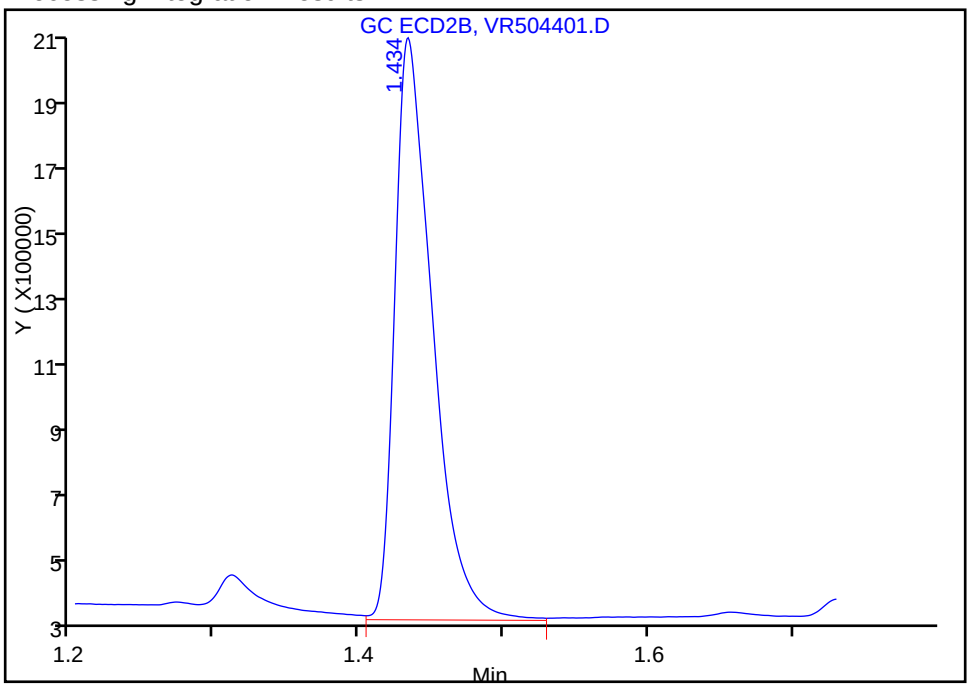
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504401.D				
Injection Date:	10-Nov-2015 13:48:03	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-F-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	13	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

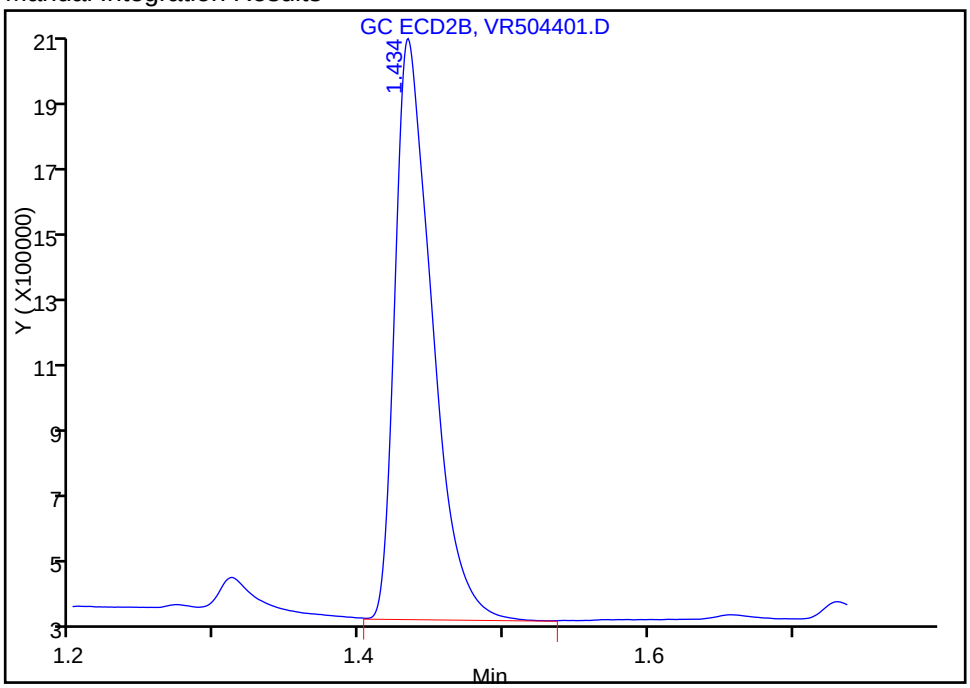
Processing Integration Results

RT: 1.43
Area: 2980310
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2927946
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:11:11
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: VR504402.D

Analysis Method: 8082A | Date Collected: 11/05/2015 14:37

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0253(g) | Date Analyzed: 11/10/2015 14:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	4900		700	93

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D
Lims ID: 460-104096-E-35-A Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:03:51 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034058-014
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:56:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1597418	20.0	M
2	1.433	1.428	0.005	2403025	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.234	3.242	-0.008	639867	538.1	
1	3.748	3.756	-0.008	1848035	728.9	
1	4.313	4.321	-0.008	3068582	732.9	M
1	4.483	4.491	-0.008	1482250	782.7	M
1	5.609	5.613	-0.004	1186612	708.5	M
		Average of Peak Amounts =			698.2	
2	2.508	2.506	0.002	1103311	578.8	M
2	2.901	2.897	0.004	2922051	762.9	M
2	3.421	3.418	0.003	5316791	690.8	M
2	3.575	3.572	0.003	2039599	700.8	M
2	4.055	4.052	0.003	2263553	718.5	M
		Average of Peak Amounts =			690.4	
					RPD = 1.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.139	-0.030	277963	3.91	M
2	9.228	9.238	-0.010	541695	4.40	M
					RPD = 11.78	

QC Flag Legend

Review Flags

M - Manually Integrated

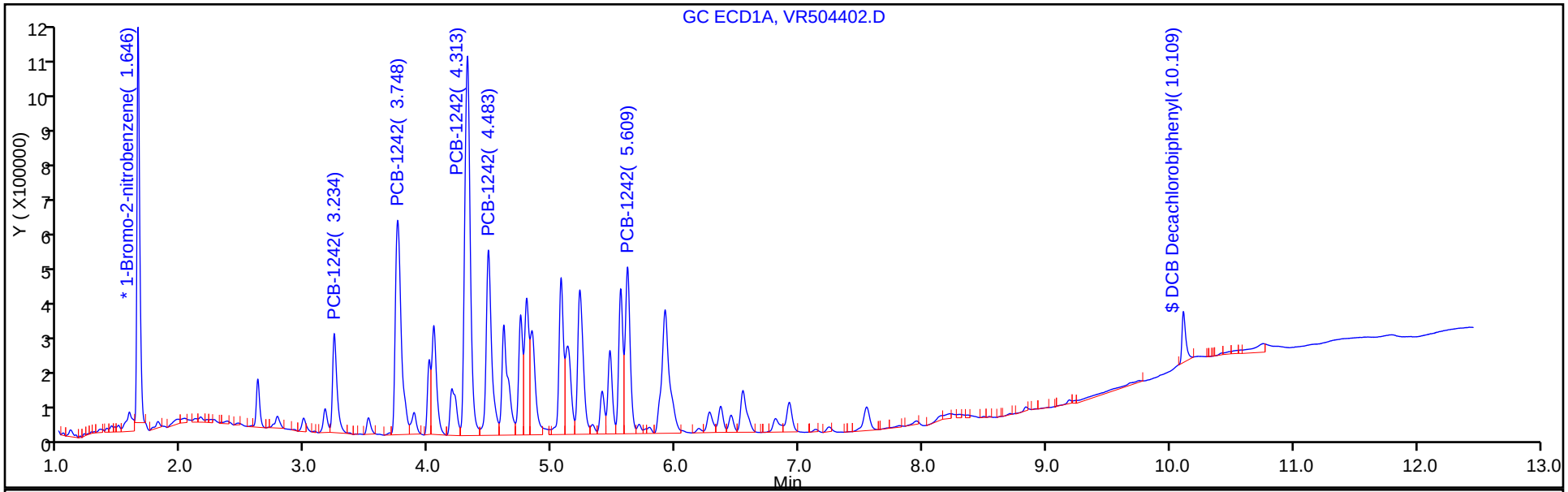
Reagents:

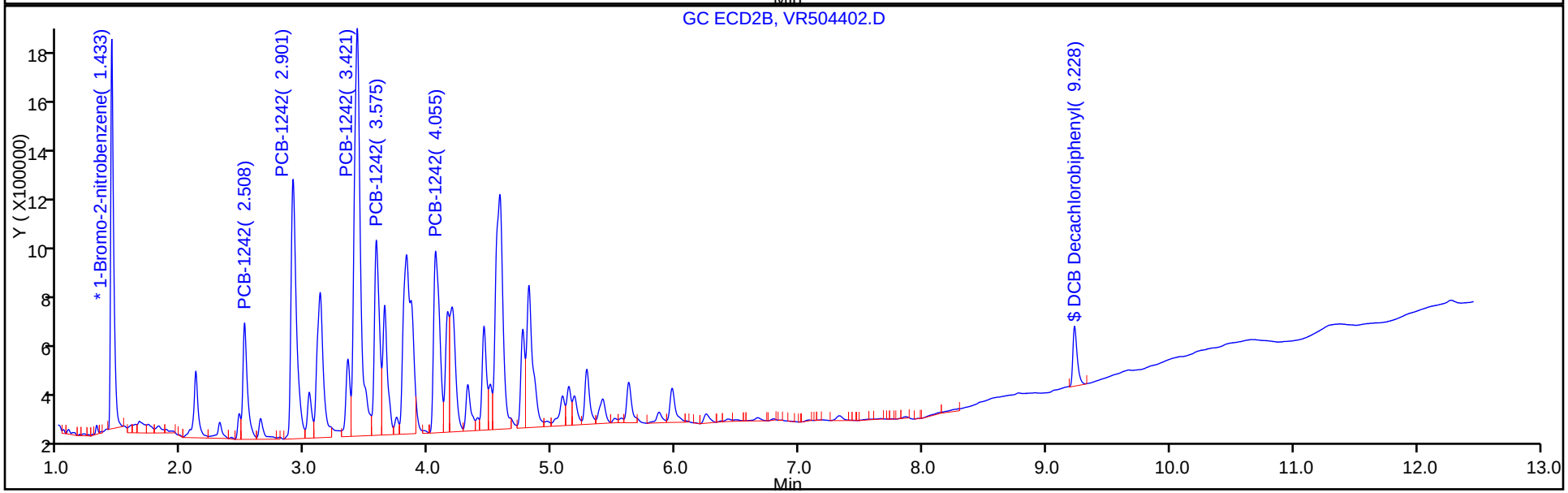
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 16:10:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35	Worklist Smp#:	14
Client ID:	PRA-2 NW-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

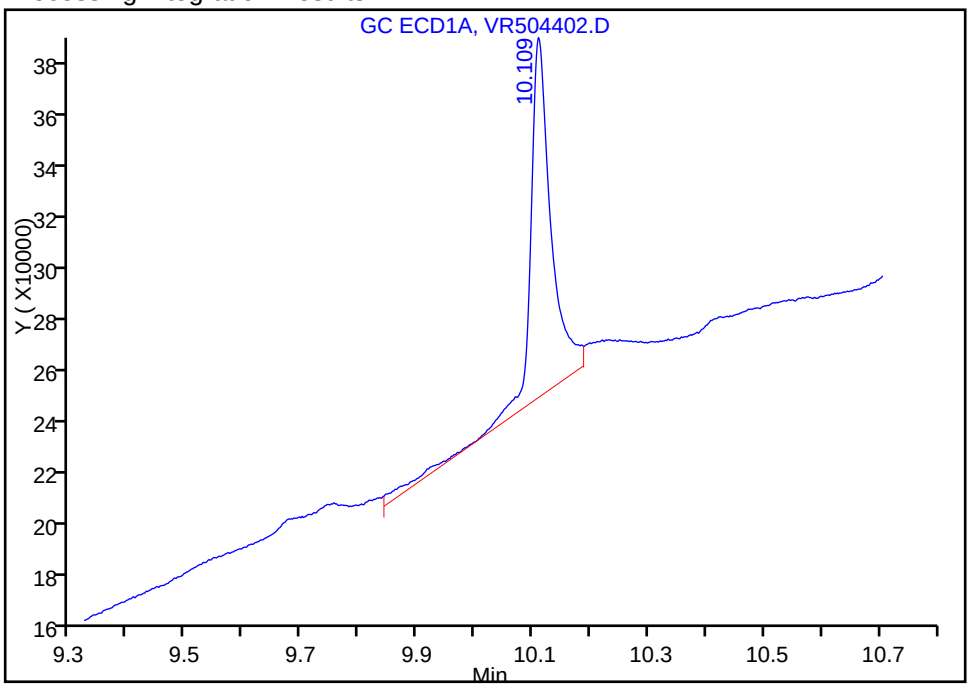
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

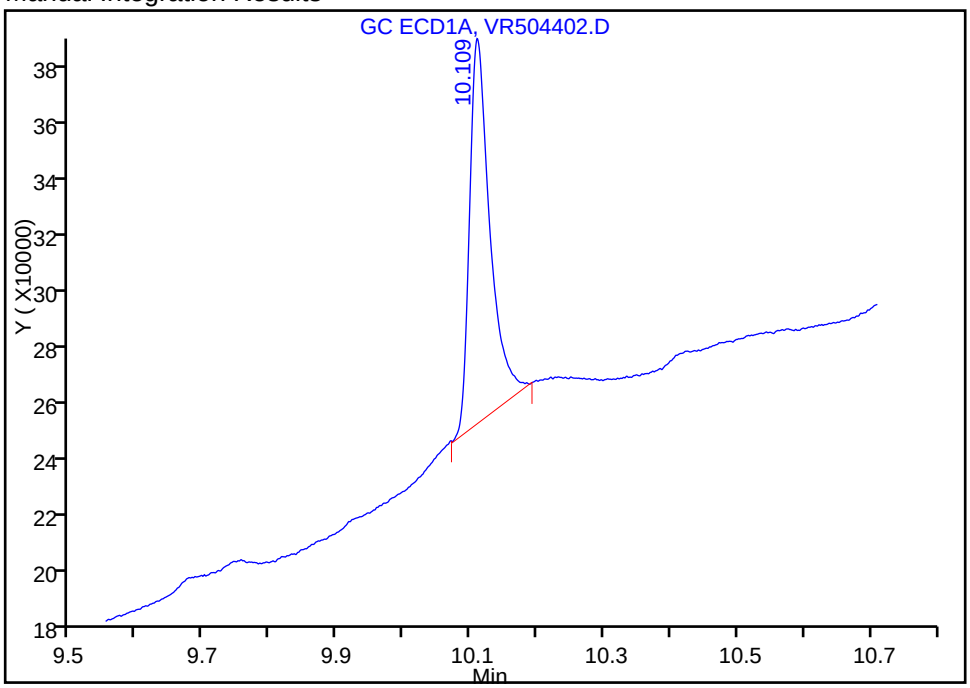
Processing Integration Results

RT: 10.11
Area: 351465
Amount: 4.576775
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 277963
Amount: 3.911497
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:56:12
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

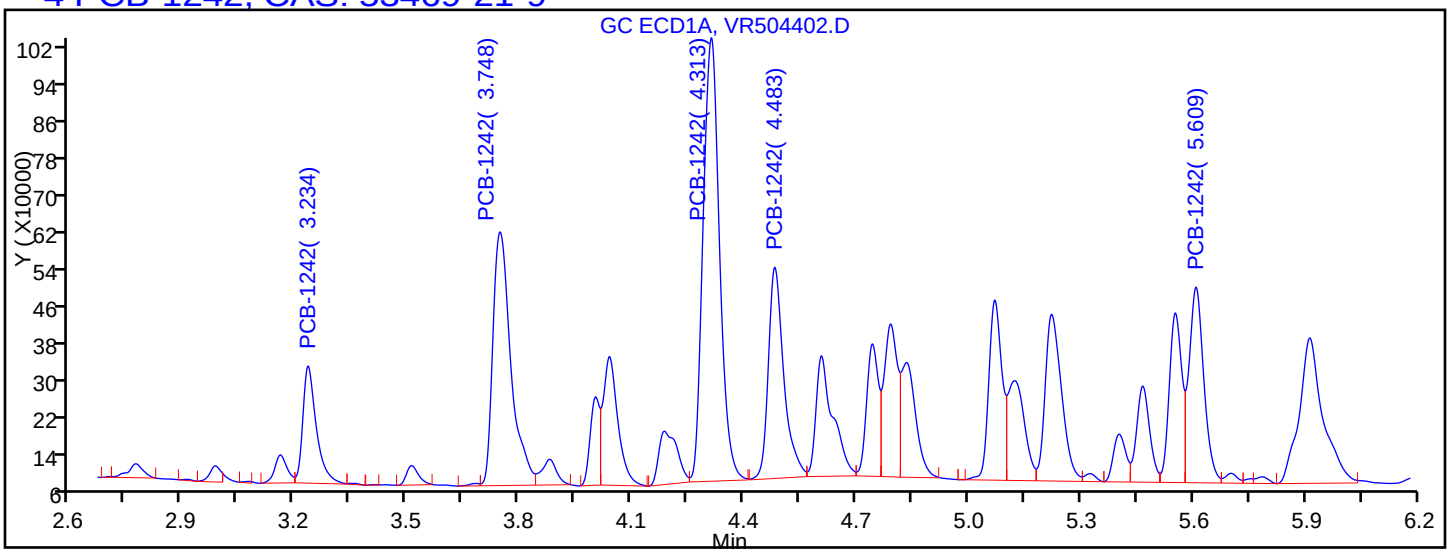
Report Date: 10-Nov-2015 16:10:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D

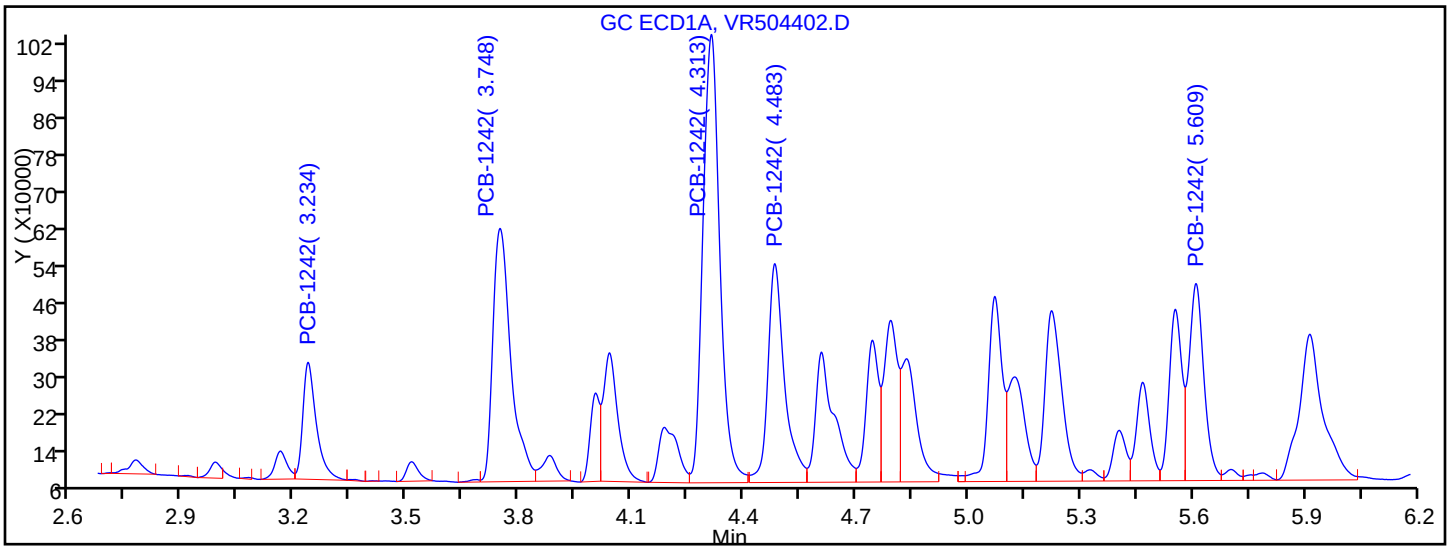
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 3.234	Response = 639867	
RT = 3.748	Response = 1848035	
RT = 4.313	Response = 2954151	M
RT = 4.483	Response = 1320523	M
RT = 5.609	Response = 1167011	M



Manual Integration Results

RT = 3.234	Response = 639867	
RT = 3.748	Response = 1848035	
RT = 4.313	Response = 3068582	M
RT = 4.483	Response = 1482250	M
RT = 5.609	Response = 1186612	M

Reviewer: patelji, 10-Nov-2015 14:56:12

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

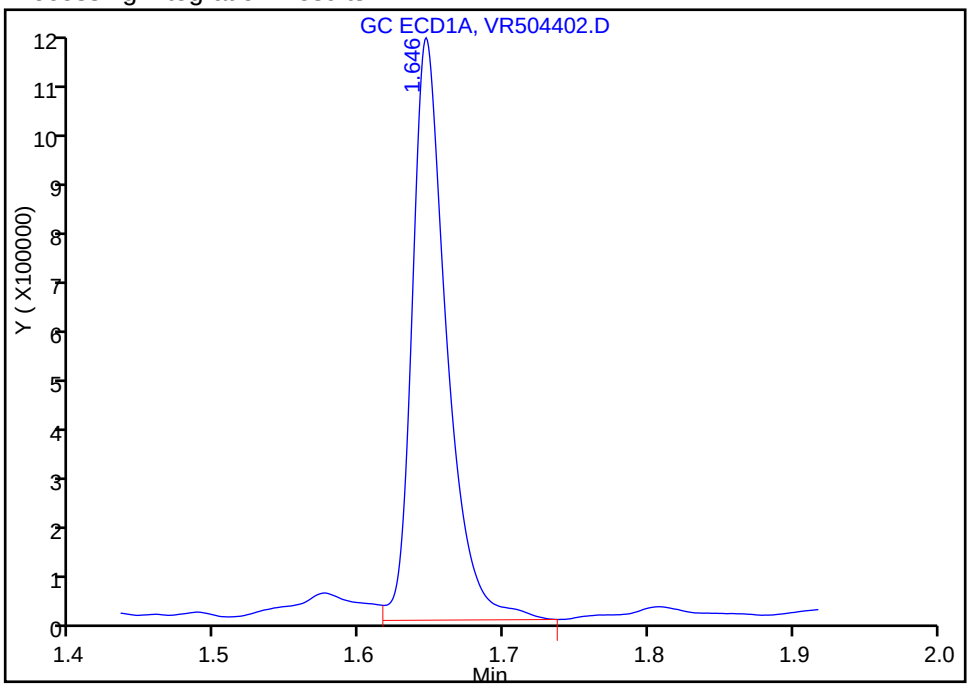
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

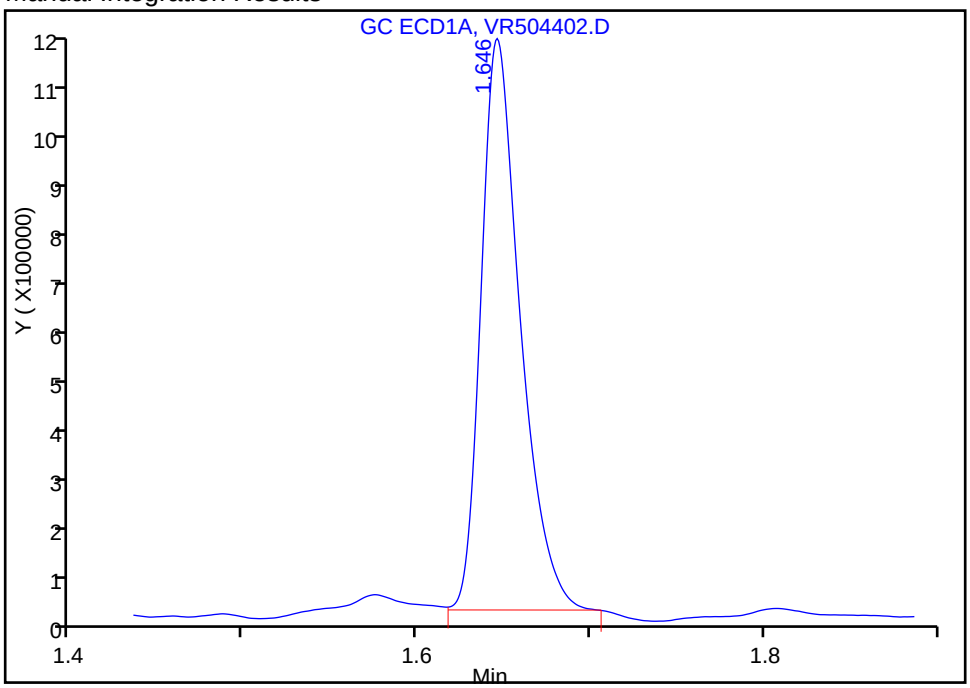
Processing Integration Results

RT: 1.65
Area: 1726224
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 1597418
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:56:12
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 | Lab Sample ID: 460-104096-35

Matrix: Solid | Lab File ID: VR504402.D

Analysis Method: 8082A | Date Collected: 11/05/2015 14:37

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0253(g) | Date Analyzed: 11/10/2015 14:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	93	U	700	93
11104-28-2	Aroclor 1221	93	U	700	93
11141-16-5	Aroclor 1232	93	U	700	93
12672-29-6	Aroclor 1248	93	U	700	93
11097-69-1	Aroclor 1254	96	U	700	96
11096-82-5	Aroclor 1260	96	U	700	96
37324-23-5	Aroclor 1262	96	U	700	96
11100-14-4	Aroclor 1268	96	U	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D
Lims ID: 460-104096-E-35-A Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:03:51 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034058-014
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:56:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1597418	20.0	M
2	1.433	1.428	0.005	2403025	20.0	M
					RPD = 0.00	
4 PCB-1242						M
1	3.234	3.242	-0.008	639867	538.1	
1	3.748	3.756	-0.008	1848035	728.9	
1	4.313	4.321	-0.008	3068582	732.9	M
1	4.483	4.491	-0.008	1482250	782.7	M
1	5.609	5.613	-0.004	1186612	708.5	M
		Average of Peak Amounts =			698.2	
2	2.508	2.506	0.002	1103311	578.8	M
2	2.901	2.897	0.004	2922051	762.9	M
2	3.421	3.418	0.003	5316791	690.8	M
2	3.575	3.572	0.003	2039599	700.8	M
2	4.055	4.052	0.003	2263553	718.5	M
		Average of Peak Amounts =			690.4	
					RPD = 1.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						M
1	10.109	10.139	-0.030	277963	3.91	M
2	9.228	9.238	-0.010	541695	4.40	M
					RPD = 11.78	

QC Flag Legend

Review Flags

M - Manually Integrated

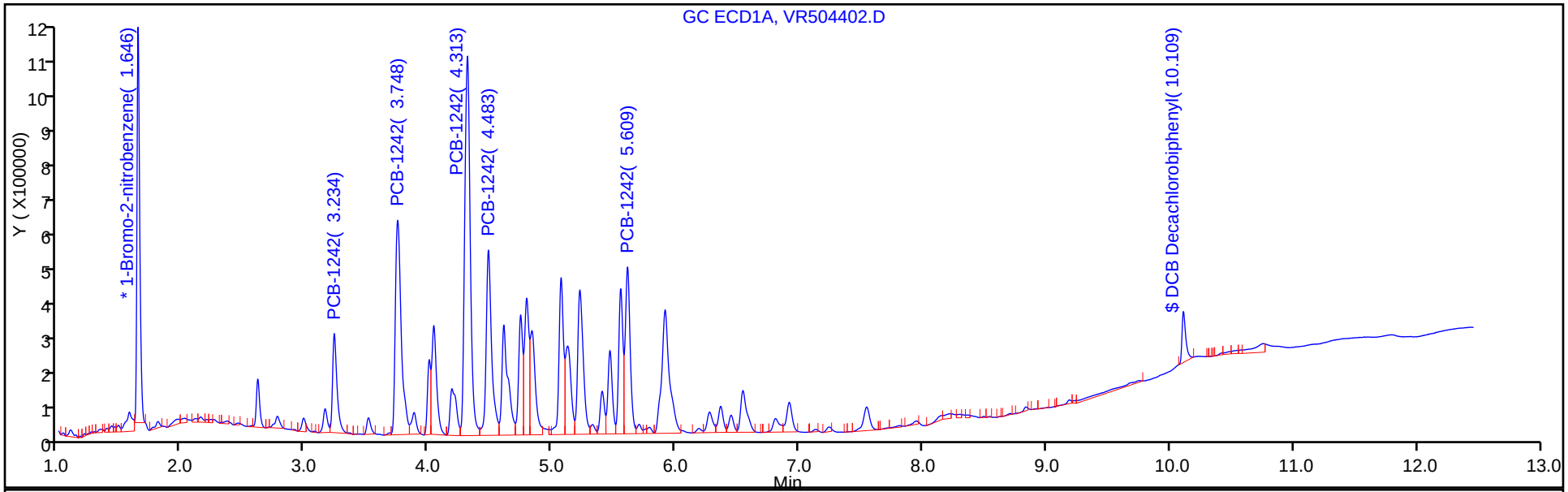
Reagents:

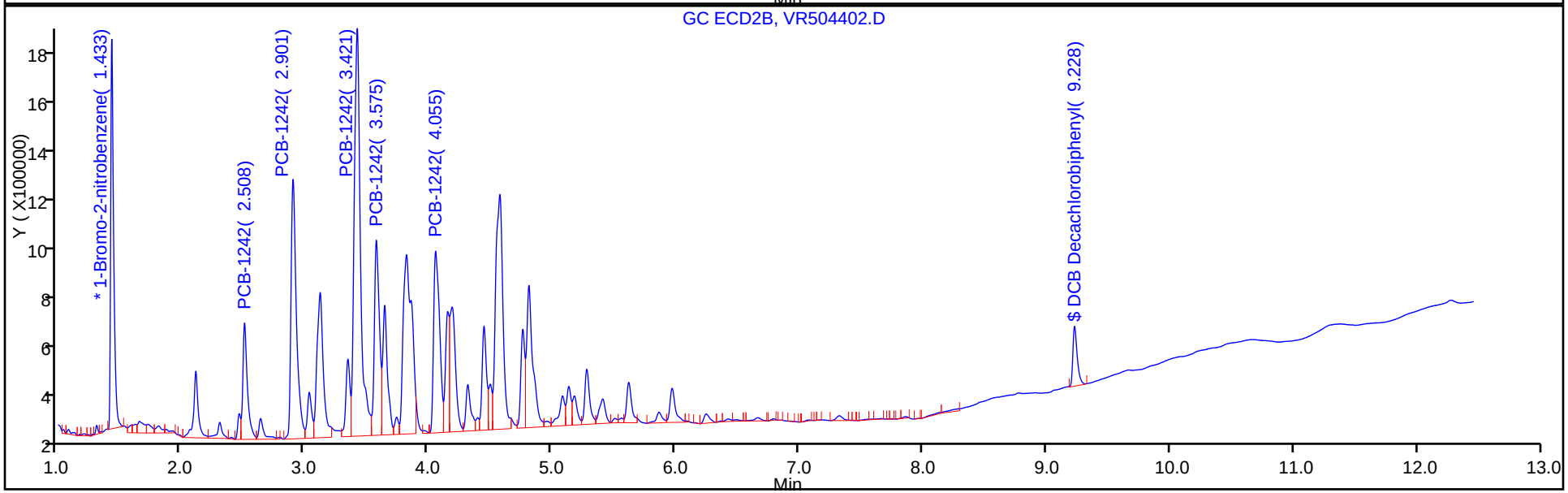
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 16:10:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35	Worklist Smp#:	14
Client ID:	PRA-2 NW-3.75				
Injection Vol:	1.0 ul	Dil. Factor:	10.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

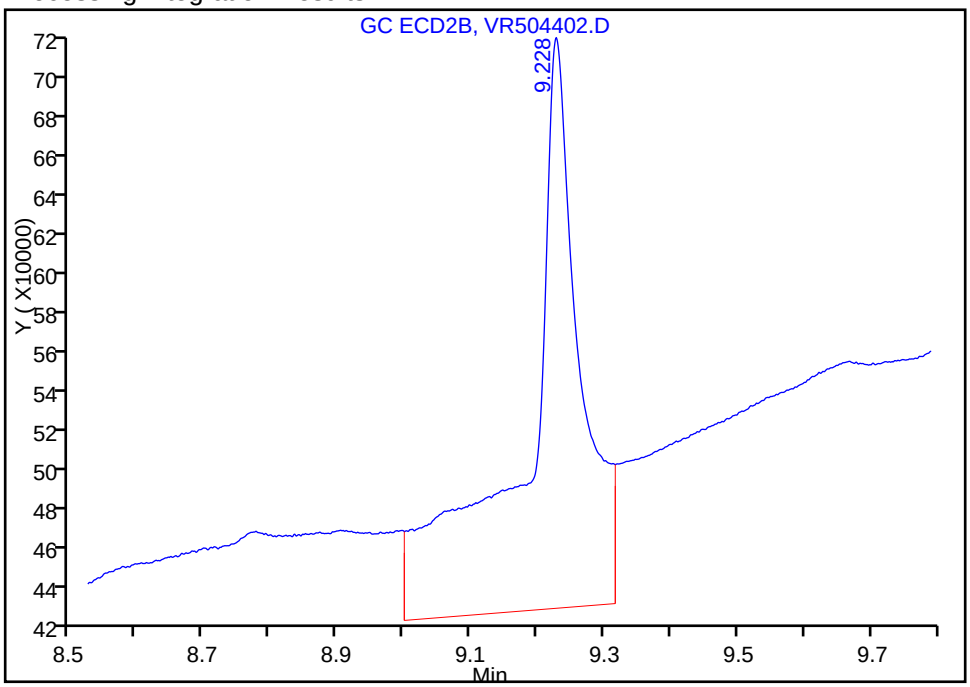
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

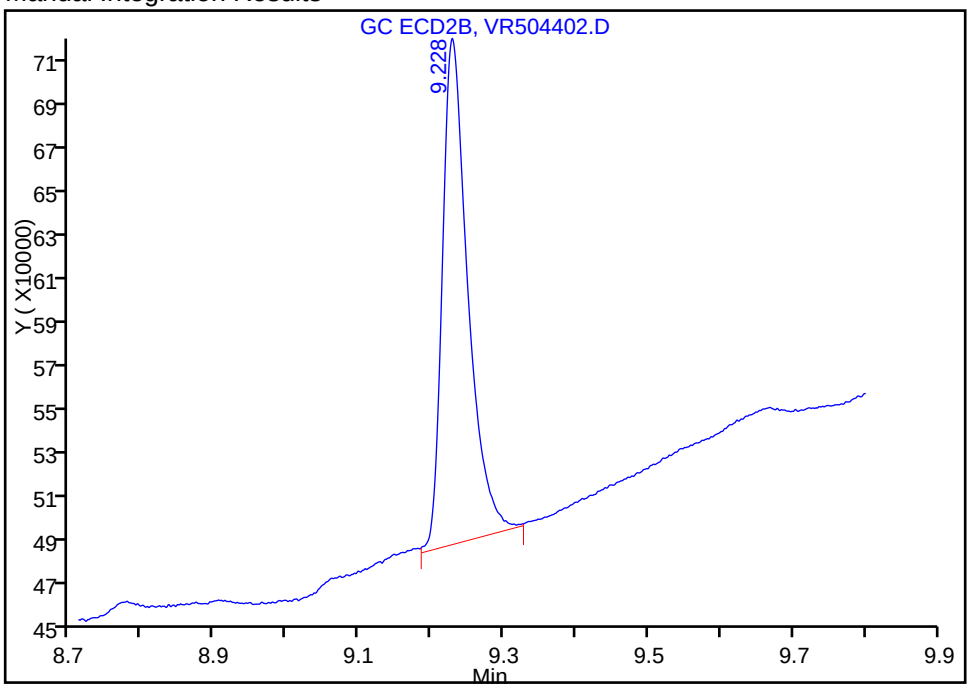
Processing Integration Results

RT: 9.23
Area: 1644426
Amount: 12.615480
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 541695
Amount: 4.400994
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:56:12
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

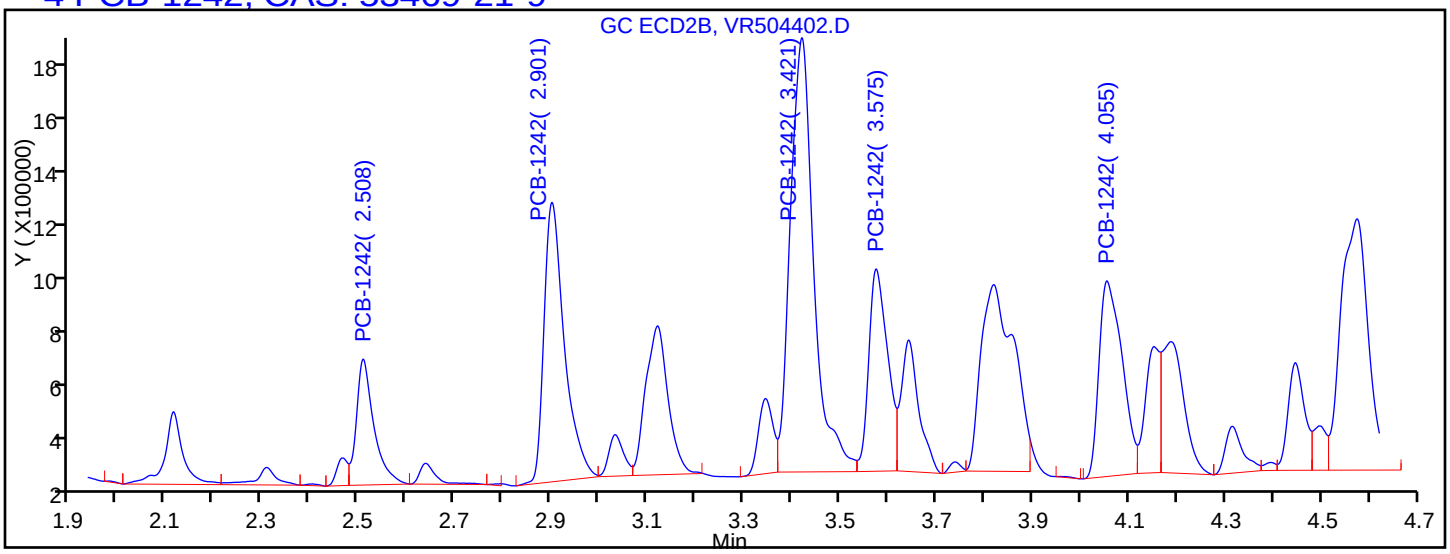
Report Date: 10-Nov-2015 16:10:24 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D

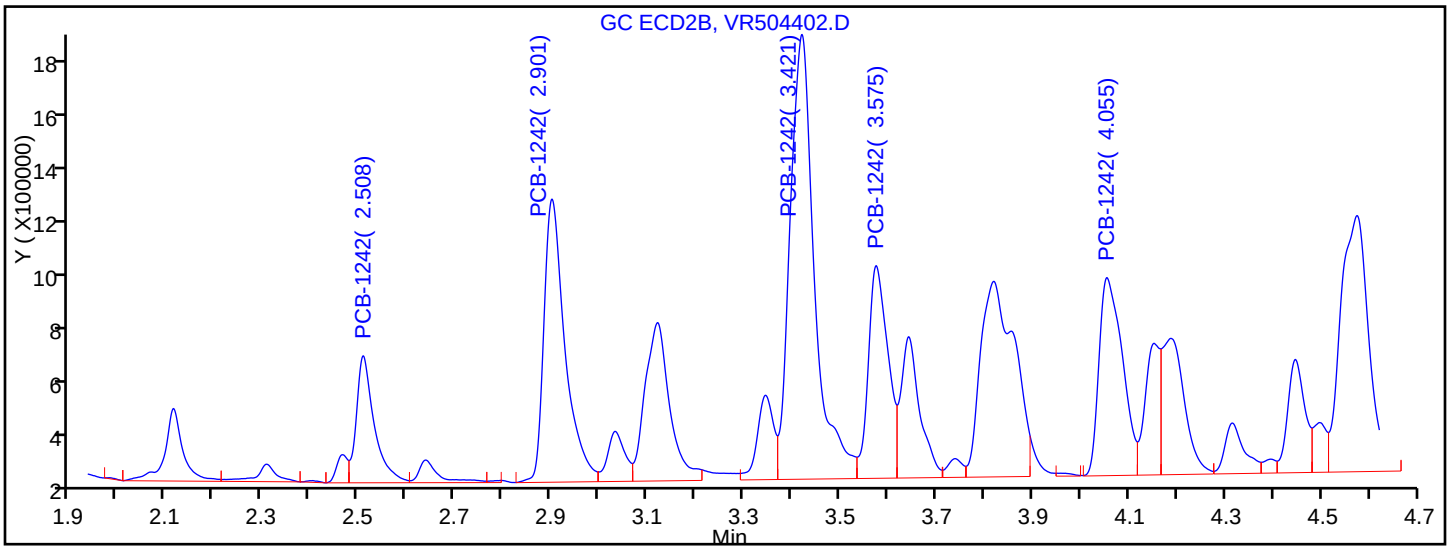
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

4 PCB-1242, CAS: 53469-21-9



Processing Integration Results

RT = 2.508	Response = 1069038	M
RT = 2.901	Response = 2777931	M
RT = 3.421	Response = 4968073	M
RT = 3.575	Response = 1864954	M
RT = 4.055	Response = 2201119	M



Manual Integration Results

RT = 2.508	Response = 1103311	M
RT = 2.901	Response = 2922051	M
RT = 3.421	Response = 5316791	M
RT = 3.575	Response = 2039599	M
RT = 4.055	Response = 2263553	M

Reviewer: patelji, 10-Nov-2015 14:56:12

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

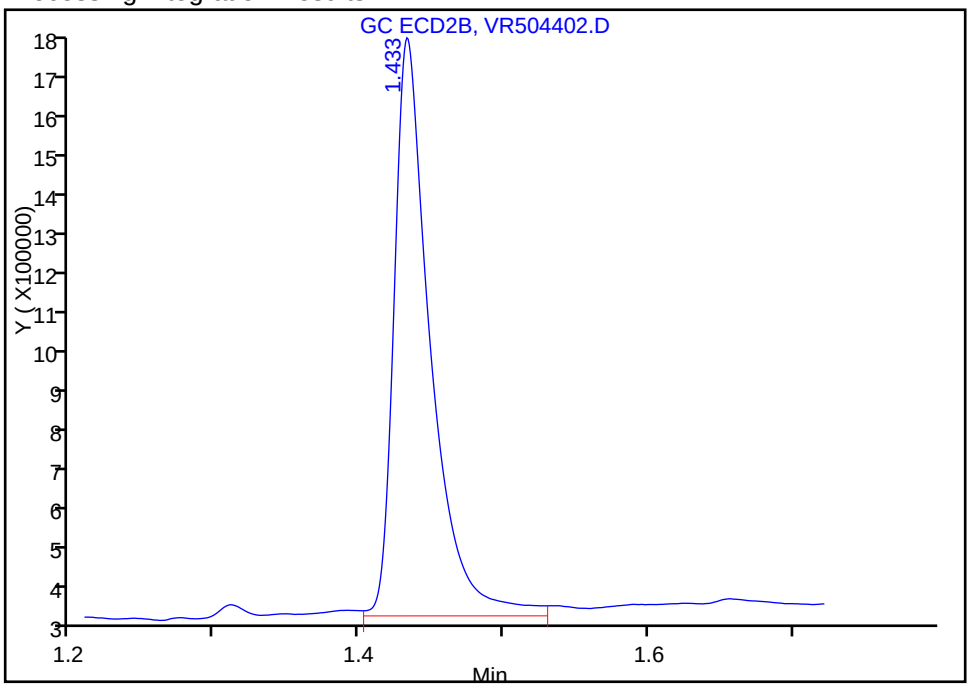
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504402.D				
Injection Date:	10-Nov-2015 14:03:51	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-E-35-A	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

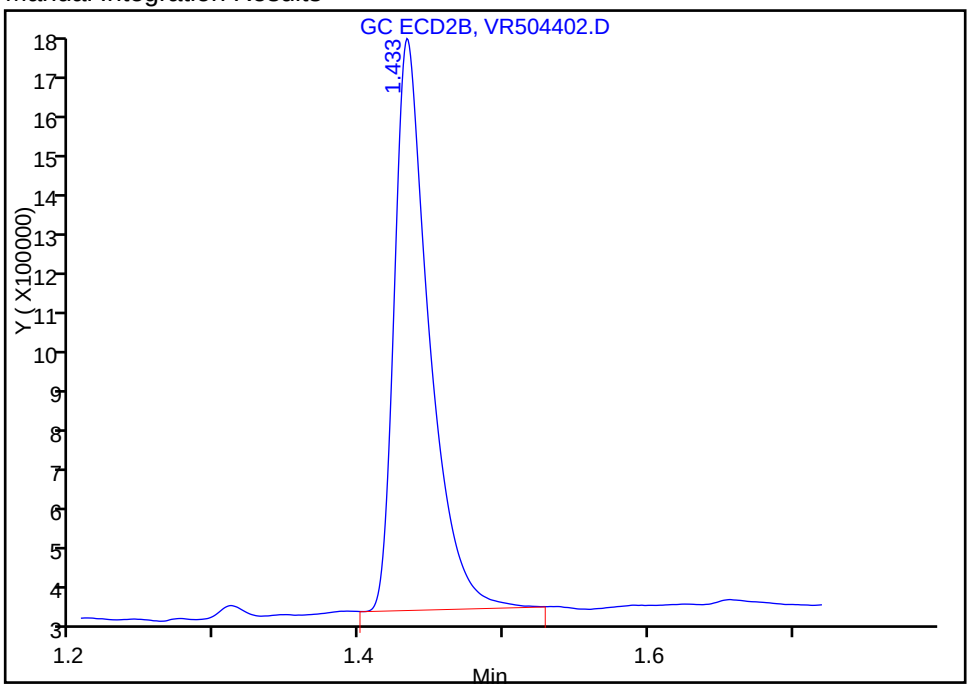
Processing Integration Results

RT: 1.43
Area: 2544865
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2403025
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:56:12
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: DUP_2015_11_05 | Lab Sample ID: 460-104096-36

Matrix: Solid | Lab File ID: VR504403.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0235(g) | Date Analyzed: 11/10/2015 14:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	82000		3500	470

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69	*D*	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D
Lims ID: 460-104096-A-36-A Lab Sample ID: 460-104096-36
Client ID: DUP_2015_11_05
Sample Type: Client
Inject. Date: 10-Nov-2015 14:19:36 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034058-015
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:51:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1701132	20.0	M
2	1.433	1.428	0.005	2850508	20.0	M
					RPD = 0.00	
4 PCB-1242						
1	3.234	3.242	-0.008	2698005	2130.5	
1	3.748	3.756	-0.008	6123883	2268.1	
1	4.313	4.321	-0.008	10909023	2446.6	M
1	4.483	4.491	-0.008	4882450	2421.0	M
1	0.000	5.613	-5.613	0	0	
		Average of Peak Amounts =			2316.5	
2	2.508	2.506	0.002	4692070	2074.9	M
2	2.901	2.897	0.004	9129618	2009.5	M
2	3.422	3.418	0.004	18446267	2020.5	M
2	3.576	3.572	0.004	7309280	2117.3	M
2	4.056	4.052	0.004	7833493	2096.2	M
		Average of Peak Amounts =			2063.7	
					RPD = 11.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.863	6.868	-0.005	2141296	402.2	
1	7.241	7.246	-0.005	2204275	360.4	
1	8.541	8.547	-0.006	1317928	350.1	
1	8.833	8.843	-0.010	2877814	372.0	
1	9.673	9.697	-0.024	765842	374.6	
		Average of Peak Amounts =			371.9	
2	5.505	5.503	0.002	3432198	388.6	M
2	6.793	6.789	0.004	2460796	343.3	
2	7.326	7.323	0.003	5964567	358.2	
2	7.866	7.863	0.003	3053660	376.5	M
2	8.773	8.778	-0.005	1785691	425.2	M
		Average of Peak Amounts =			378.4	
					RPD = 1.73	
$ 11 DCB Decachlorobiphenyl						M
1	10.108	10.139	-0.031	52258	0.6905	M
2	9.227	9.238	-0.011	116636	0.7988	M
					RPD = 14.54	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

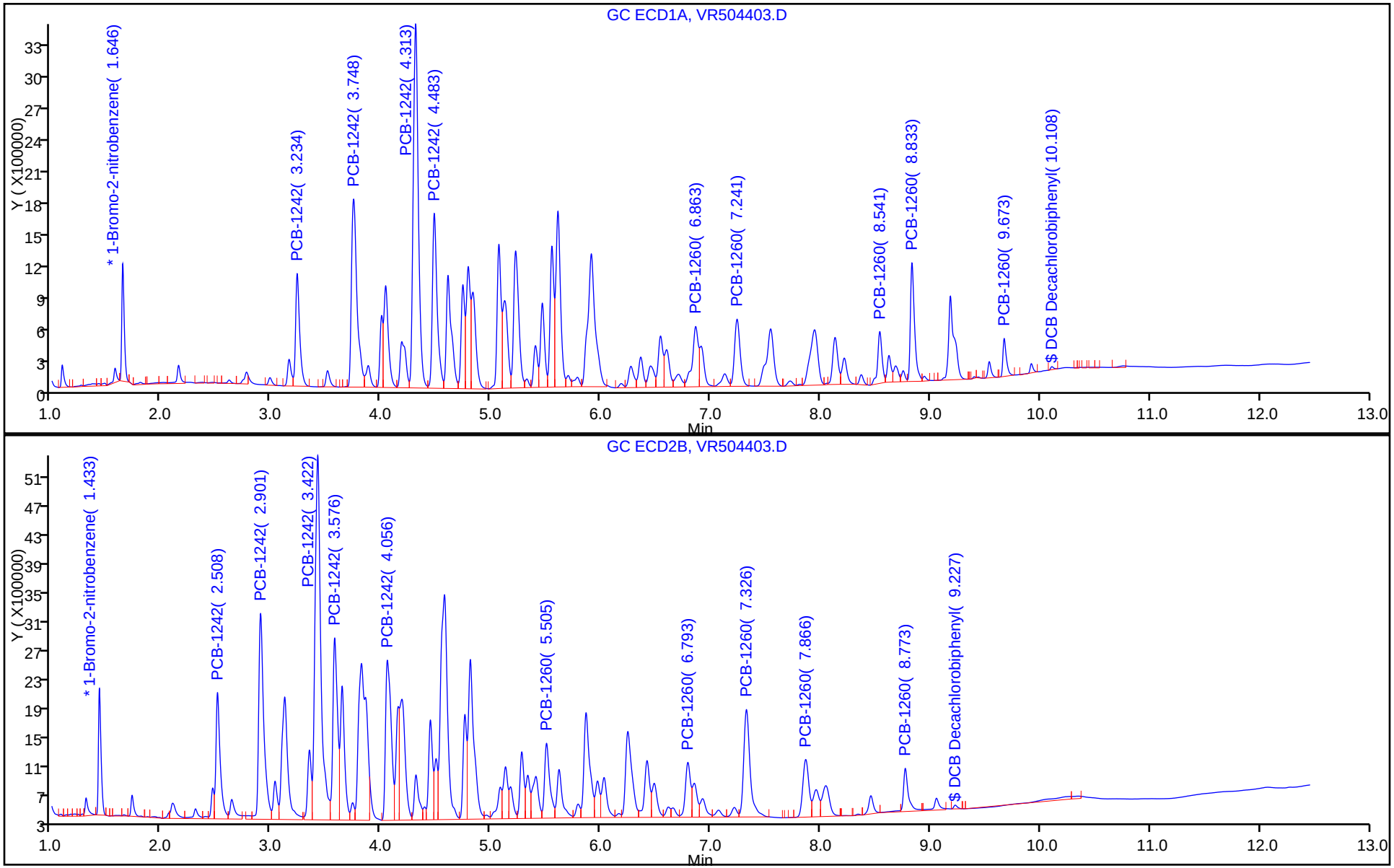
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 16:10:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D

Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36	Worklist Smp#:	15
Client ID:	DUP_2015_11_05				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



Manual Integration/User Assign Peak Report

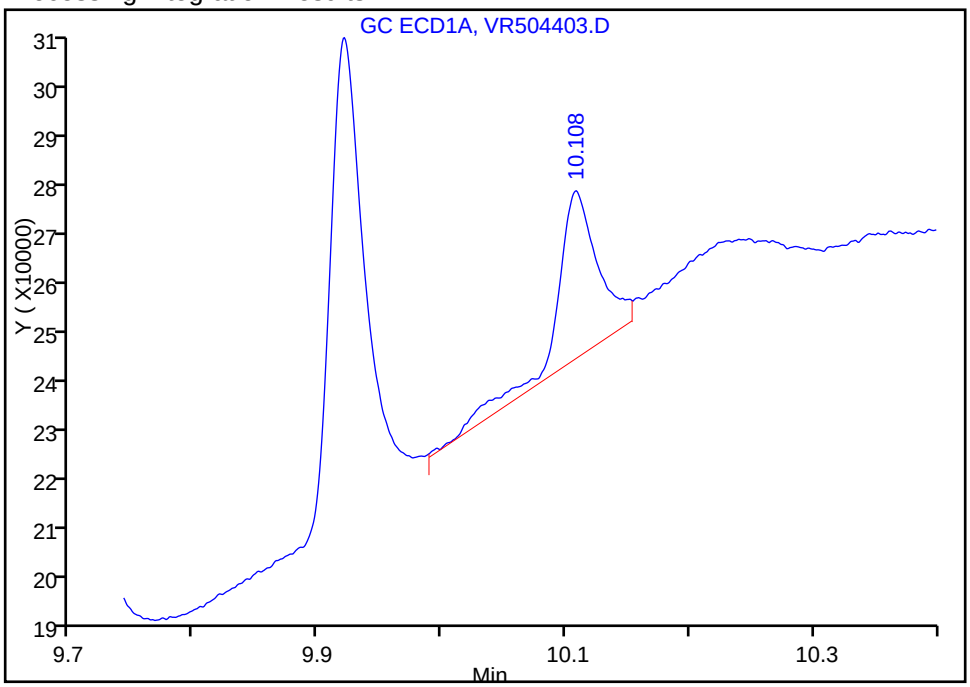
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D				
Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36		
Client ID:	DUP_2015_11_05				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

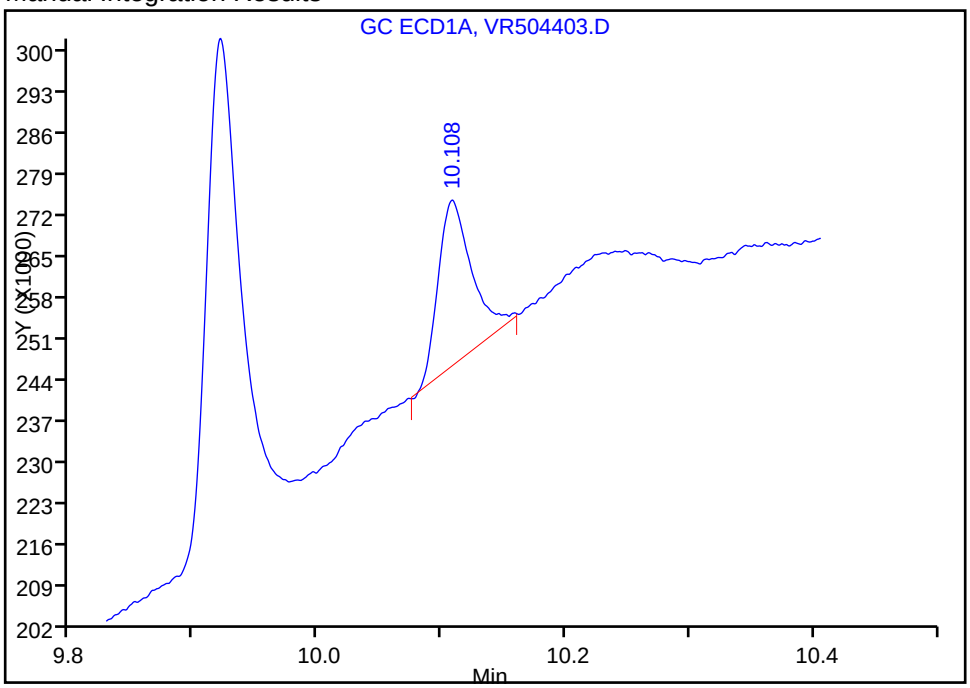
Processing Integration Results

RT: 10.11
Area: 69715
Amount: 0.921219
Amount Units: ug/l



Manual Integration Results

RT: 10.11
Area: 52258
Amount: 0.690541
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:57:55
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

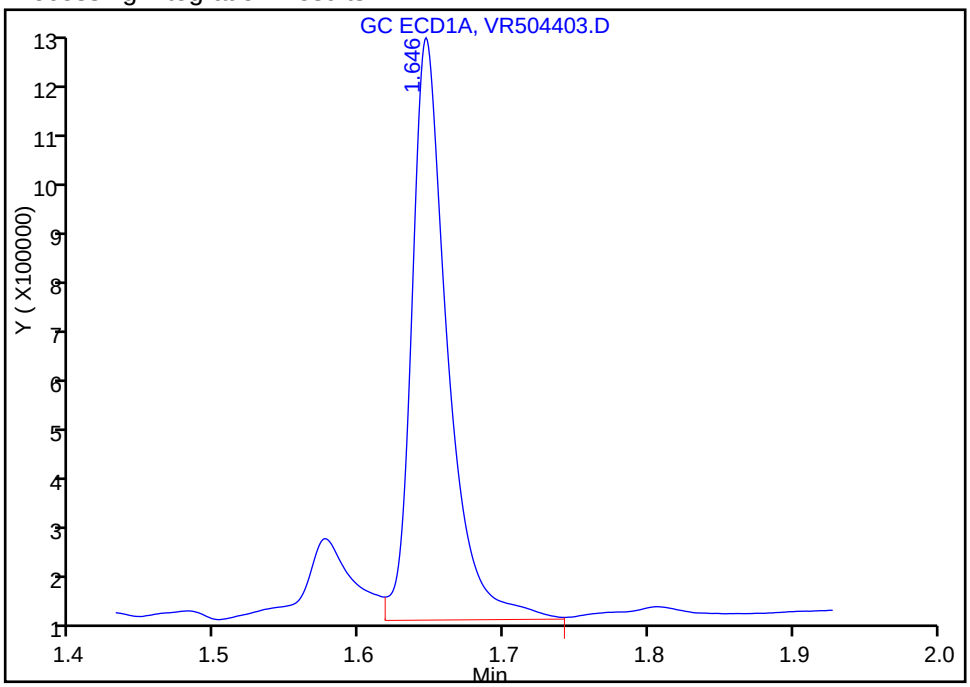
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D				
Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36		
Client ID:	DUP_2015_11_05				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

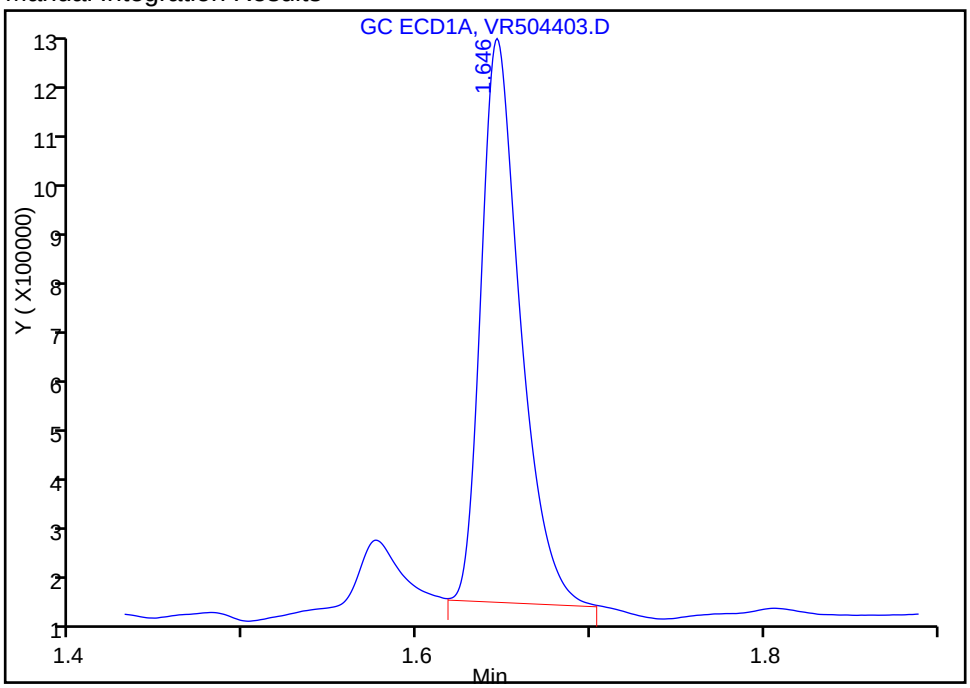
Processing Integration Results

RT: 1.65
Area: 1914059
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.65
Area: 1701132
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:57:55
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: DUP_2015_11_05 | Lab Sample ID: 460-104096-36

Matrix: Solid | Lab File ID: VR504403.D

Analysis Method: 8082A | Date Collected: 11/05/2015 00:00

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0235(g) | Date Analyzed: 11/10/2015 14:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	470	U	3500	470
11104-28-2	Aroclor 1221	470	U	3500	470
11141-16-5	Aroclor 1232	470	U	3500	470
12672-29-6	Aroclor 1248	470	U	3500	470
11097-69-1	Aroclor 1254	490	U	3500	490
11096-82-5	Aroclor 1260	13000		3500	490
37324-23-5	Aroclor 1262	490	U	3500	490
11100-14-4	Aroclor 1268	490	U	3500	490

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80	D	47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D
Lims ID: 460-104096-A-36-A Lab Sample ID: 460-104096-36
Client ID: DUP_2015_11_05
Sample Type: Client
Inject. Date: 10-Nov-2015 14:19:36 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 50.0000
Sample Info: 460-0034058-015
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 14:51:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						M
1	1.646	1.648	-0.002	1701132	20.0	M
2	1.433	1.428	0.005	2850508	20.0	M
					RPD = 0.00	
4 PCB-1242						
1	3.234	3.242	-0.008	2698005	2130.5	
1	3.748	3.756	-0.008	6123883	2268.1	
1	4.313	4.321	-0.008	10909023	2446.6	M
1	4.483	4.491	-0.008	4882450	2421.0	M
1	0.000	5.613	-5.613	0	0	
		Average of Peak Amounts =			2316.5	
2	2.508	2.506	0.002	4692070	2074.9	M
2	2.901	2.897	0.004	9129618	2009.5	M
2	3.422	3.418	0.004	18446267	2020.5	M
2	3.576	3.572	0.004	7309280	2117.3	M
2	4.056	4.052	0.004	7833493	2096.2	M
		Average of Peak Amounts =			2063.7	
					RPD = 11.55	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
8 PCB-1260						M
1	6.863	6.868	-0.005	2141296	402.2	
1	7.241	7.246	-0.005	2204275	360.4	
1	8.541	8.547	-0.006	1317928	350.1	
1	8.833	8.843	-0.010	2877814	372.0	
1	9.673	9.697	-0.024	765842	374.6	
		Average of Peak Amounts =			371.9	
2	5.505	5.503	0.002	3432198	388.6	M
2	6.793	6.789	0.004	2460796	343.3	
2	7.326	7.323	0.003	5964567	358.2	
2	7.866	7.863	0.003	3053660	376.5	M
2	8.773	8.778	-0.005	1785691	425.2	M
		Average of Peak Amounts =			378.4	
					RPD = 1.73	
$ 11 DCB Decachlorobiphenyl						M
1	10.108	10.139	-0.031	52258	0.6905	M
2	9.227	9.238	-0.011	116636	0.7988	M
					RPD = 14.54	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

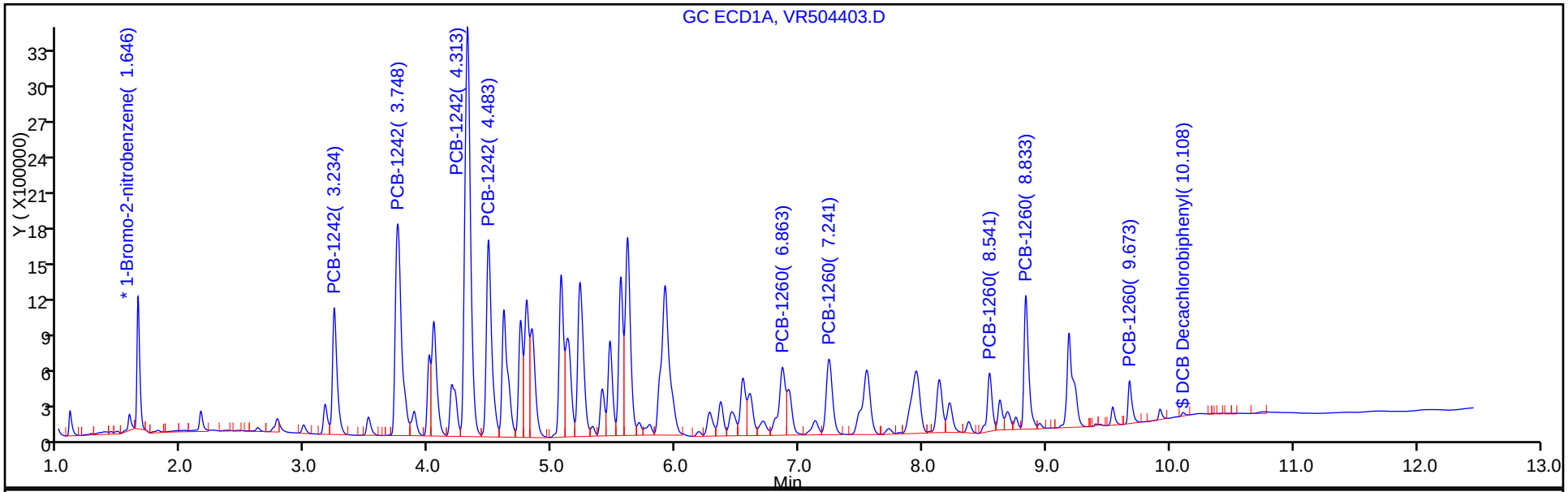
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

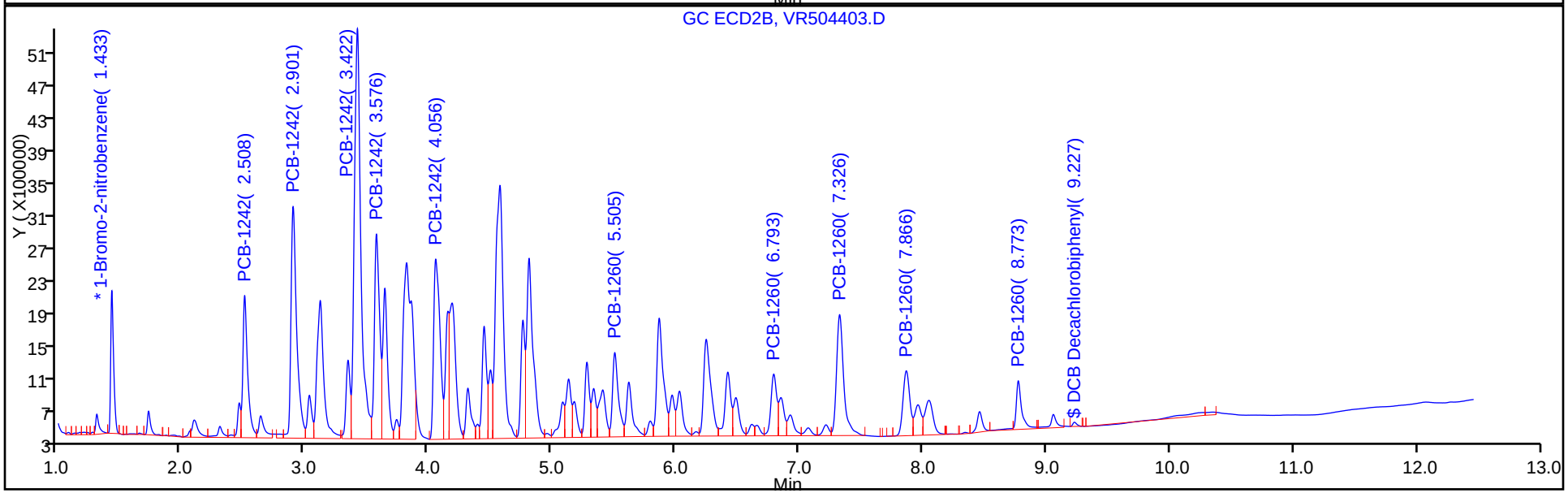
Report Date: 10-Nov-2015 16:10:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D

Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36	Worklist Smp#:	15
Client ID:	DUP_2015_11_05				
Injection Vol:	1.0 ul	Dil. Factor:	50.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

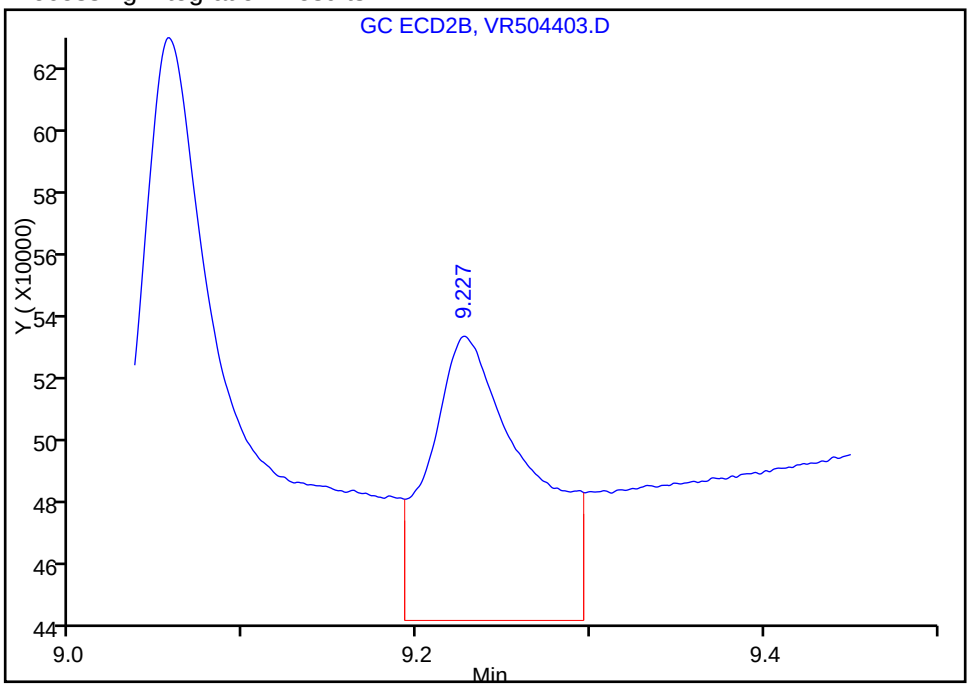
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D				
Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36		
Client ID:	DUP_2015_11_05				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

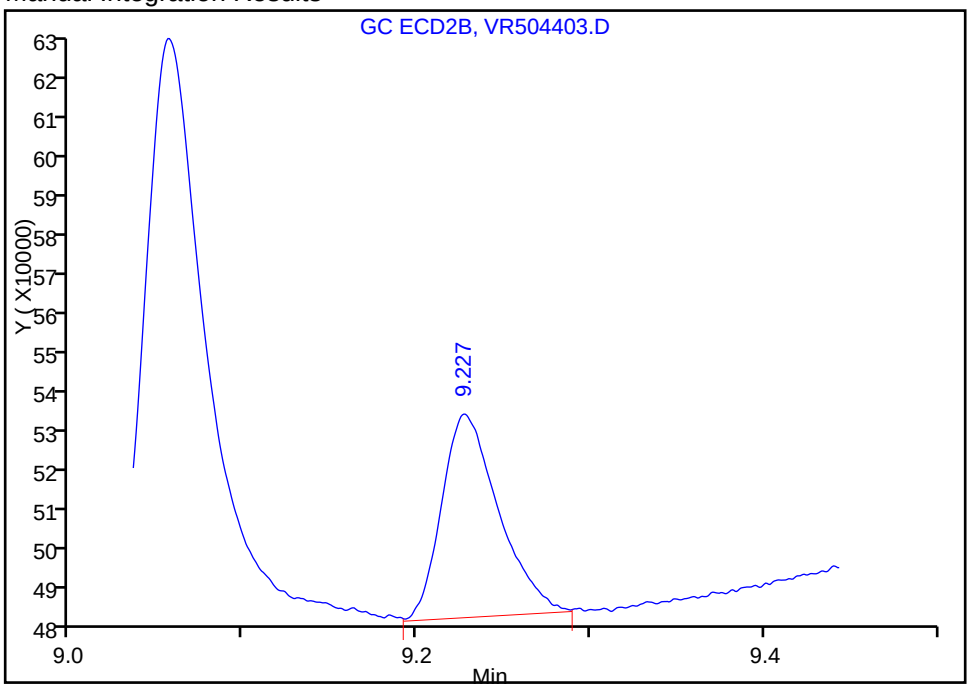
Processing Integration Results

RT: 9.23
Area: 358356
Amount: 2.454407
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 116636
Amount: 0.798849
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:57:55
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

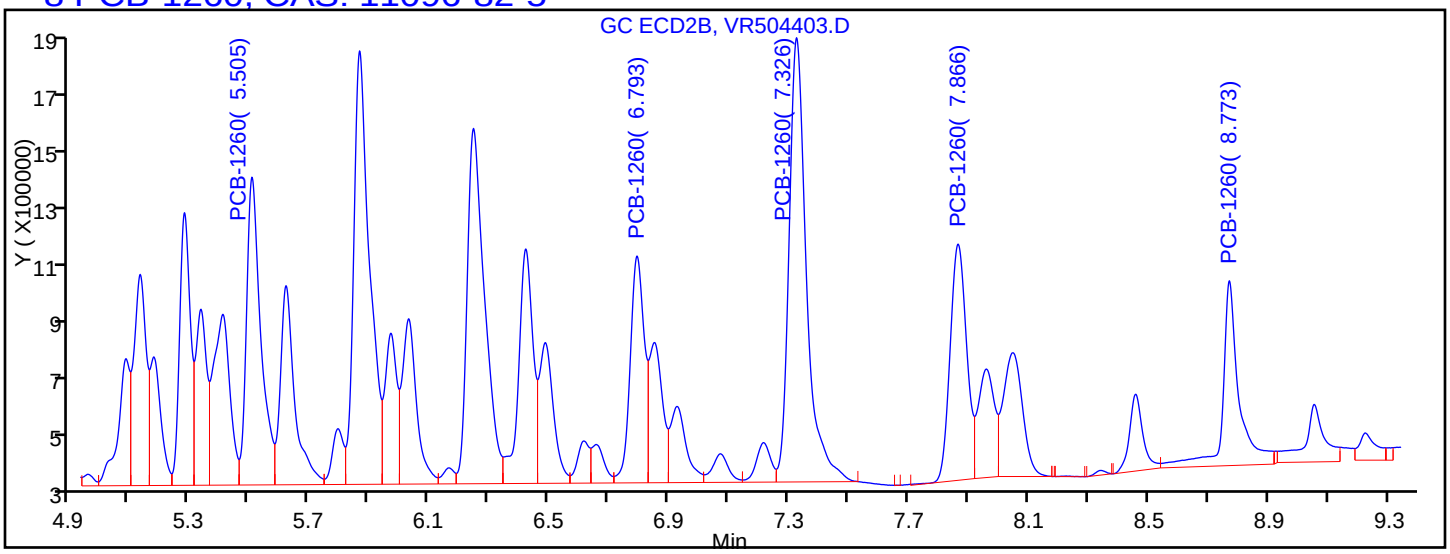
Report Date: 10-Nov-2015 16:10:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D

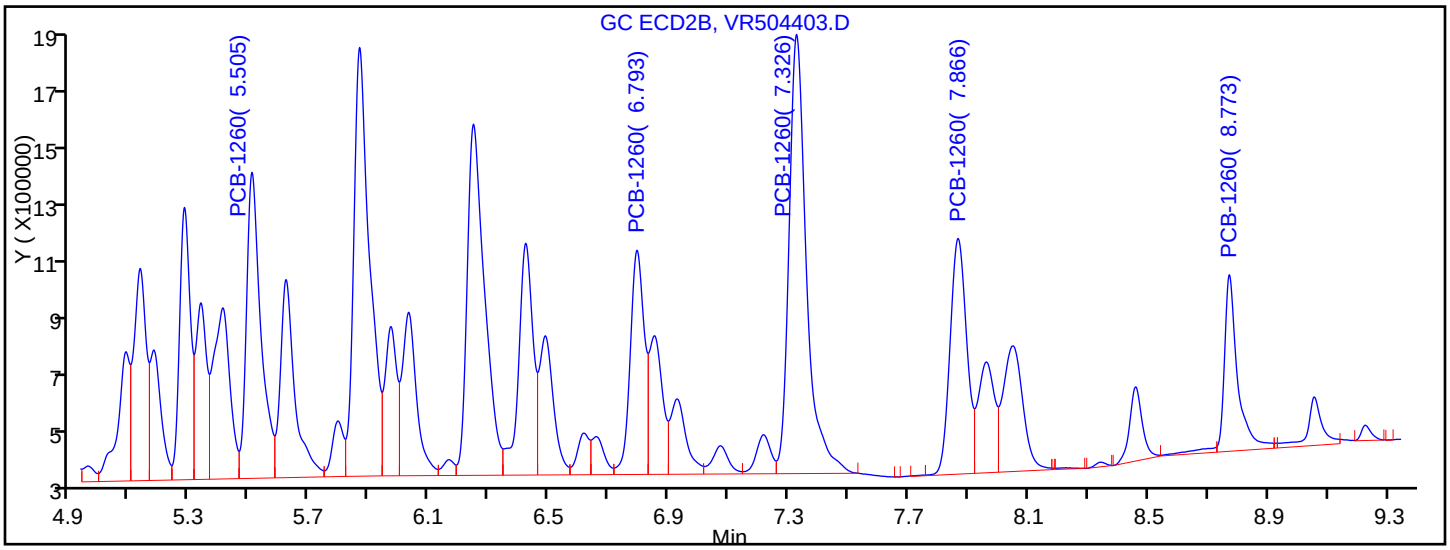
Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36		
Client ID:	DUP_2015_11_05				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.505	Response = 3391454	M
RT = 6.793	Response = 2460796	
RT = 7.326	Response = 5964567	
RT = 7.866	Response = 3004152	M
RT = 8.773	Response = 2323203	M



Manual Integration Results

RT = 5.505	Response = 3432198	M
RT = 6.793	Response = 2460796	
RT = 7.326	Response = 5964567	
RT = 7.866	Response = 3053660	M
RT = 8.773	Response = 1785691	M

Reviewer: patelji, 10-Nov-2015 14:57:55

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Manual Integration/User Assign Peak Report

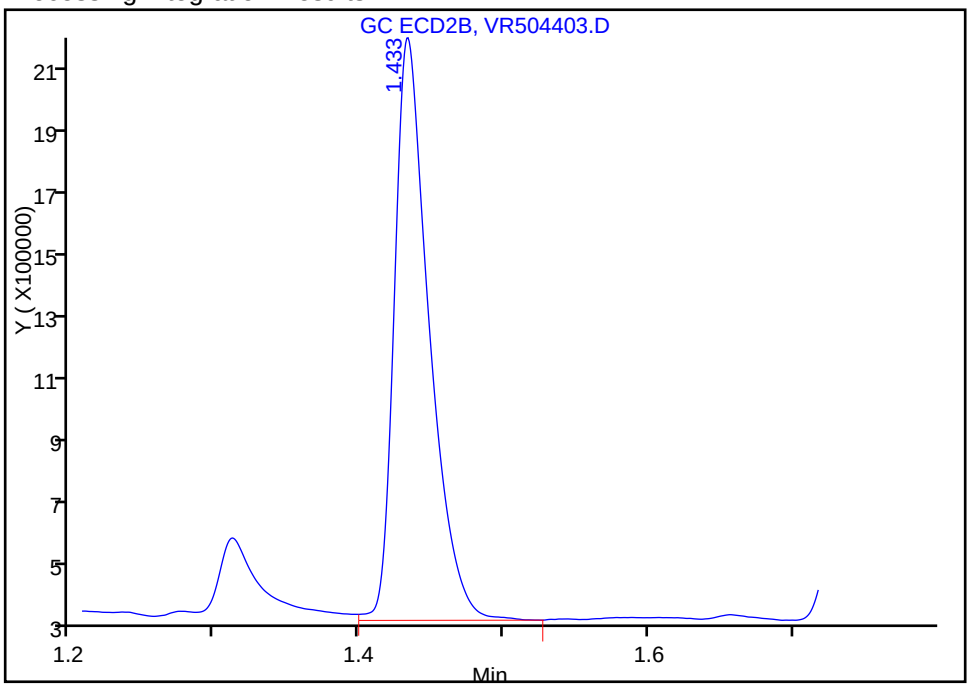
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504403.D				
Injection Date:	10-Nov-2015 14:19:36	Instrument ID:	CPESTGC9		
Lims ID:	460-104096-A-36-A	Lab Sample ID:	460-104096-36		
Client ID:	DUP_2015_11_05				
Operator ID:	615	ALS Bottle#:	15	Worklist Smp#:	15
Injection Vol:	1.0 ul	Dil. Factor:	50.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

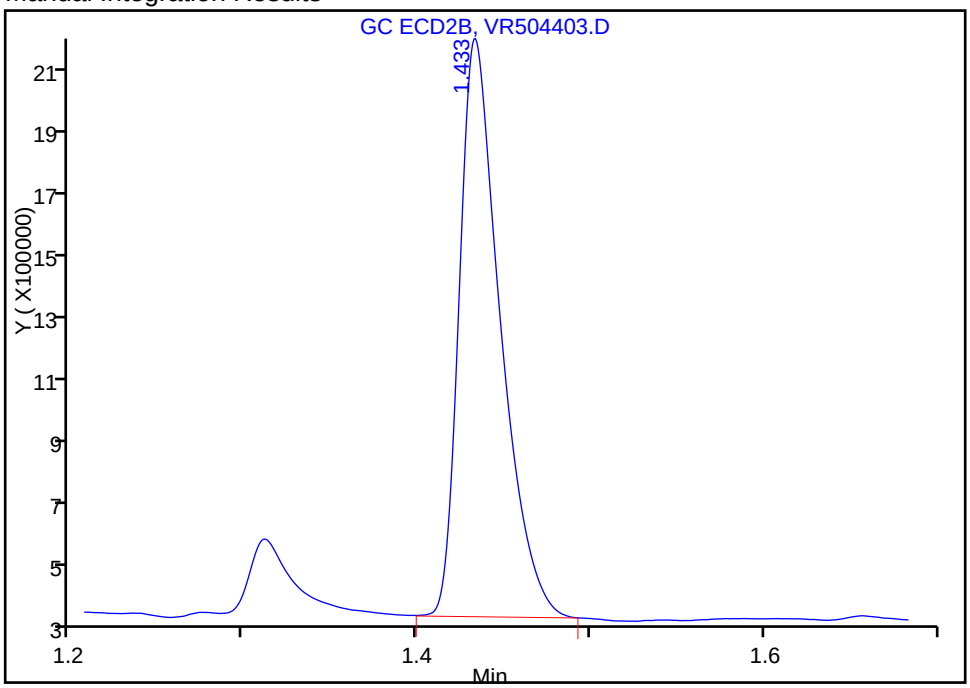
Processing Integration Results

RT: 1.43
Area: 2933117
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2850508
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 14:57:55
Audit Action: Assigned New Baseline
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: 8F008228.D

Analysis Method: 8082A | Date Collected: 11/05/2015 16:30

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 22:58

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.: 333978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008228.D
Lims ID: 460-104096-E-37-A Lab Sample ID: 460-104096-37
Client ID: FB_20151105
Sample Type: Client
Inject. Date: 08-Nov-2015 22:58:20 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-025
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 13:57:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.694	1.694	0.000	4121686	20.0	
2	1.474	1.469	0.005	2670338	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	11.452	11.510	-0.058	13088861	70.2	
2	10.392	10.413	-0.021	12992104	93.0	
					RPD = 27.93	

Reagents:

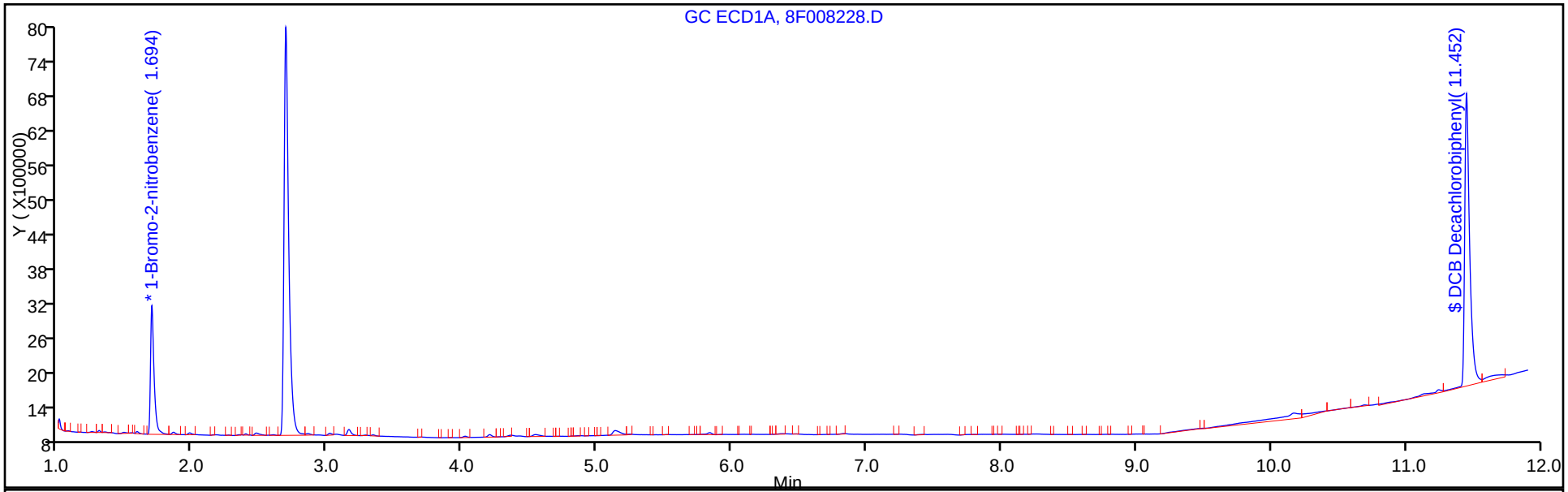
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

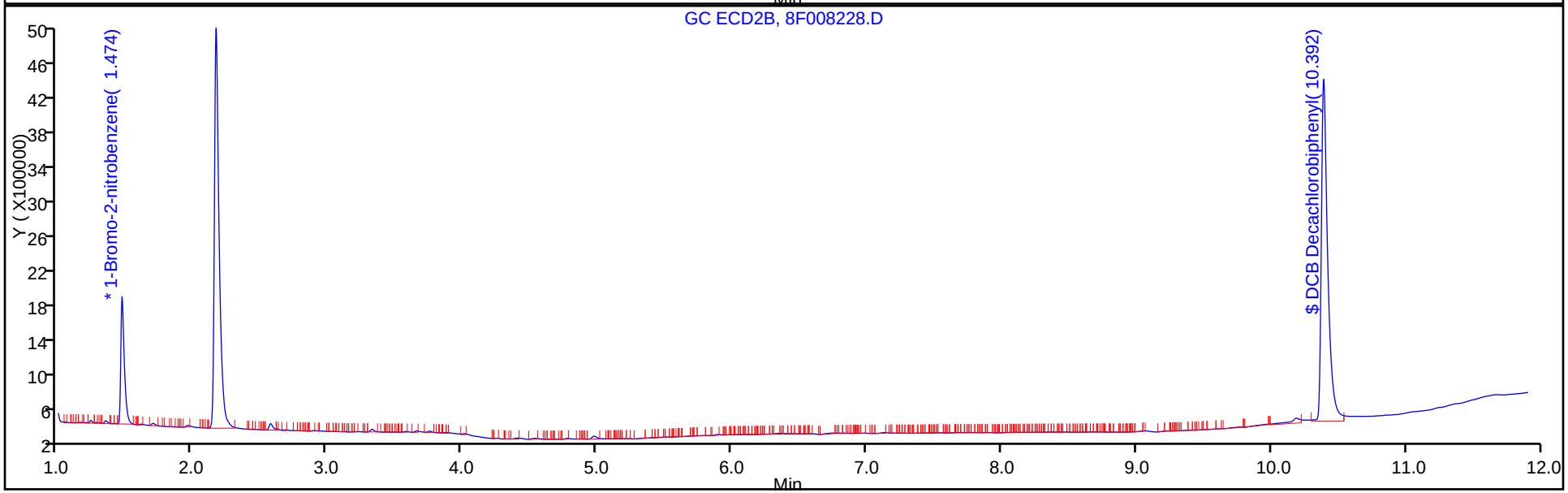
Report Date: 10-Nov-2015 14:09:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008228.D

Injection Date:	08-Nov-2015 22:58:20	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-37-A	Lab Sample ID:	460-104096-37	Worklist Smp#:	25
Client ID:	FB_20151105				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: 8F008228.D

Analysis Method: 8082A | Date Collected: 11/05/2015 16:30

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 22:58

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008228.D
Lims ID: 460-104096-E-37-A Lab Sample ID: 460-104096-37
Client ID: FB_20151105
Sample Type: Client
Inject. Date: 08-Nov-2015 22:58:20 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-025
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 13:57:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.694	1.694	0.000	4121686	20.0	
2	1.474	1.469	0.005	2670338	20.0	
					RPD = 0.00	
$ 11 DCB Decachlorobiphenyl						
1	11.452	11.510	-0.058	13088861	70.2	
2	10.392	10.413	-0.021	12992104	93.0	
					RPD = 27.93	

Reagents:

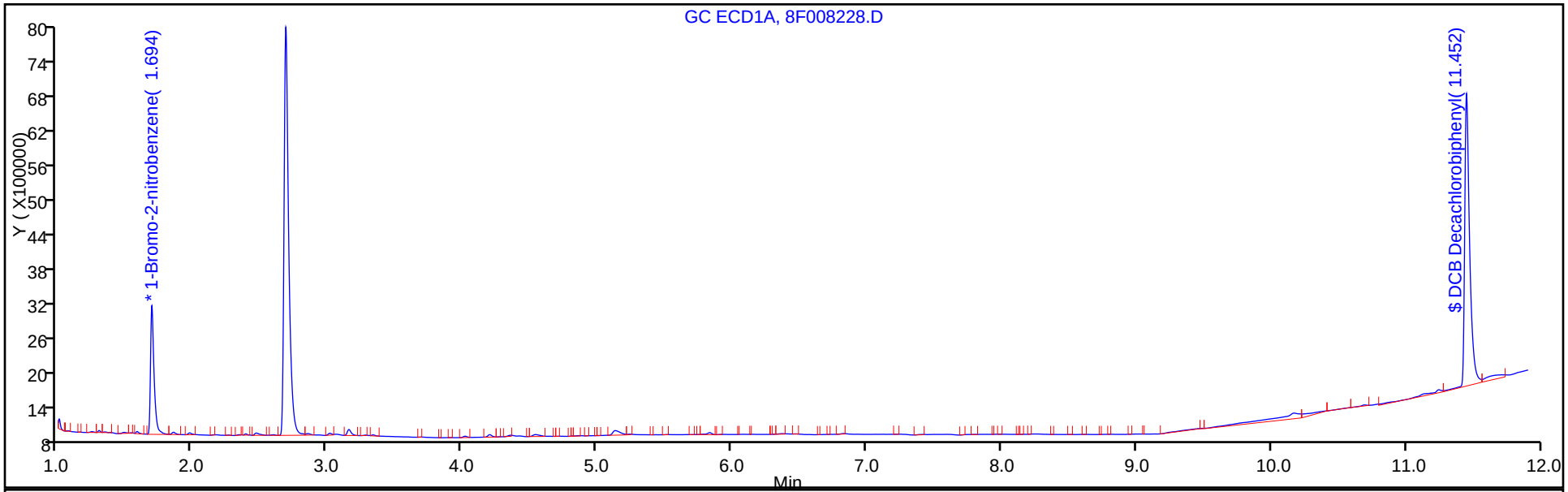
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

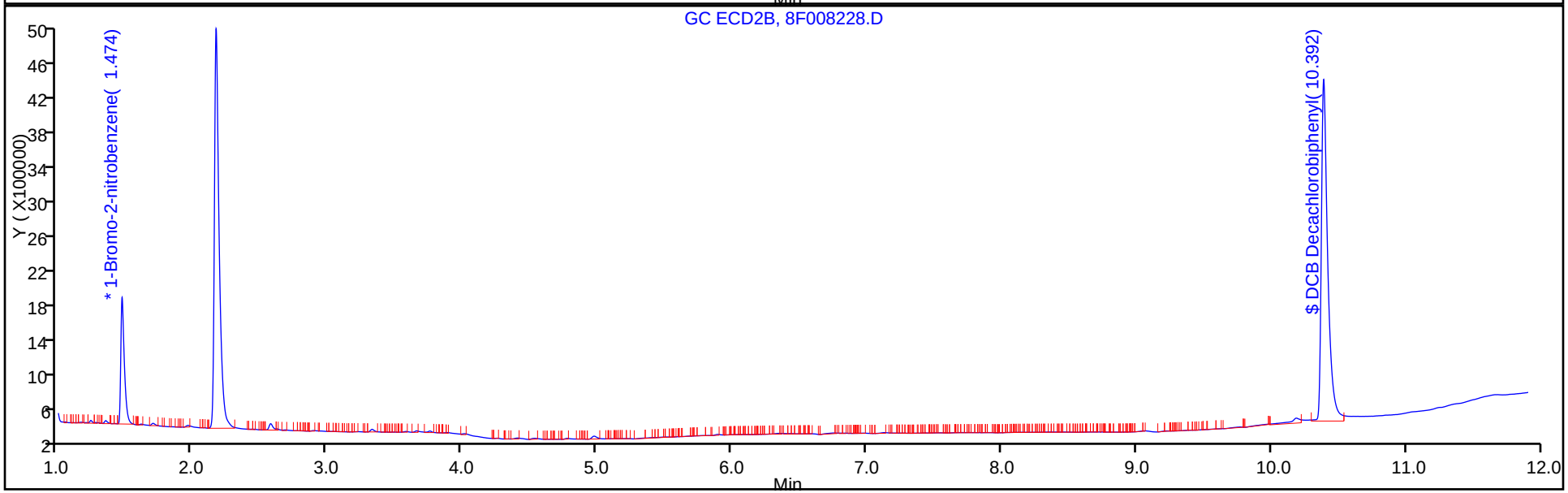
Report Date: 10-Nov-2015 14:09:34 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008228.D

Injection Date:	08-Nov-2015 22:58:20	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	460-104096-E-37-A	Lab Sample ID:	460-104096-37	Worklist Smp#:	25
Client ID:	FB_20151105				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 10:50 Calibration End Date: 08/03/2015 11:59 Calibration ID: 51581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/2	8F004868.D
Level 2	IC 460-314286/3	8F004869.D
Level 3	IC 460-314286/4	8F004870.D
Level 4	IC 460-314286/5	8F004871.D
Level 5	IC 460-314286/6	8F004872.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0213	0.0233	0.0194	0.0236	0.0227	Ave		0.0221				7.9		20.0			0.9900
PCB-1016 Peak 2	0.0503	0.0496	0.0411	0.0488	0.0466	Ave		0.0473				7.8		20.0			0.9900
PCB-1016 Peak 3	0.0887	0.0886	0.0754	0.0905	0.0873	Ave		0.0861				7.1		20.0			0.9900
PCB-1016 Peak 4	0.0325	0.0296	0.0257	0.0302	0.0289	Ave		0.0294				8.5		20.0			0.9900
PCB-1016 Peak 5	0.0343	0.0353	0.0312	0.0375	0.0365	Ave		0.0350				6.9		20.0			0.9900
PCB-1260 Peak 1	0.0748	0.0717	0.0588	0.0712	0.0684	Ave		0.0690				8.9		20.0			0.9900
PCB-1260 Peak 2	0.0878	0.0840	0.0697	0.0819	0.0803	Ave		0.0807				8.4		20.0			0.9900
PCB-1260 Peak 3	0.0402	0.0516	0.0432	0.0513	0.0507	Ave		0.0474				11.2		20.0			0.9900
PCB-1260 Peak 4	0.1133	0.1177	0.0991	0.1180	0.1168	Ave		0.1130				7.1		20.0			0.9900
PCB-1260 Peak 5	0.0274	0.0297	0.0255	0.0309	0.0311	Ave		0.0289				8.4		20.0			0.9900
Tetrachloro-m-xylene	0.9339	0.9450	0.8718	0.9931	1.0333	Ave		0.9554				6.4		20.0			0.9900
DCB Decachlorobiphenyl	0.9153	0.9240	0.8227	0.9049	0.9586	Ave		0.9051				5.6		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 10:50 Calibration End Date: 08/03/2015 11:59 Calibration ID: 51581

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/2	8F004868.D
Level 2	IC 460-314286/3	8F004869.D
Level 3	IC 460-314286/4	8F004870.D
Level 4	IC 460-314286/5	8F004871.D
Level 5	IC 460-314286/6	8F004872.D

ANALYTE	IS REF	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	BNB	Ave	216922	2247450	3925485	6077130	9290544	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	513088	4777982	8319207	12552800	19033634	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	905432	8532096	15253222	23273563	35668772	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	331978	2844742	5186841	7771848	11817211	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	349676	3397490	6316941	9645781	14906908	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	763132	6897640	11886806	18312713	27940960	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	896727	8090192	14094651	21052136	32781268	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	410206	4971966	8731574	13181848	20698417	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	1156141	11330155	20035818	30332691	47723429	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	279900	2857576	5151644	7949339	12709572	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	2383168	9097212	17629024	25537328	33761205	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	2335721	8895015	16635751	23271441	31320799	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004868.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Aug-2015 10:50:28 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVRT
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:03 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:13:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	4082993	20.0	20.0	
2	1.495	1.494	0.001	2493945	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.743	2.745	-0.002	2383168	12.5	12.2	
2	2.202	2.204	-0.002	1479587	12.5	11.8	M
						RPD = 3.36	
5 PCB-1016							M
1	3.383	3.383	0.000	216922	50.0	48.1	
1	3.907	3.908	-0.001	513088	50.0	53.1	M
1	4.485	4.485	0.000	905432	50.0	51.5	M
1	5.256	5.257	-0.001	331978	50.0	55.4	M
1	5.420	5.421	-0.001	349676	50.0	49.0	M
		Average of Peak Amounts =				51.4	
2	2.604	2.605	-0.001	152366	50.0	48.4	
2	3.003	3.005	-0.002	335231	50.0	52.8	M
2	3.532	3.534	-0.002	598456	50.0	48.8	M
2	3.687	3.690	-0.003	260549	50.0	51.9	M
2	4.172	4.175	-0.003	281842	50.0	50.9	M
		Average of Peak Amounts =				50.6	
						RPD = 1.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.394	7.393	0.001	763132	50.0	54.2	M
1	7.882	7.882	0.000	896727	50.0	54.4	M
1	9.688	9.692	-0.004	410206	50.0	42.4	M
1	10.077	10.081	-0.004	1156141	50.0	50.1	M
1	11.102	11.117	-0.015	279900	50.0	47.4	M
		Average of Peak Amounts =				49.7	
2	5.670	5.672	-0.002	509294	50.0	54.8	M
2	7.213	7.215	-0.002	408303	50.0	51.7	M
2	7.898	7.902	-0.004	890910	50.0	50.7	M
2	8.577	8.579	-0.002	474600	50.0	49.8	M
2	9.925	9.931	-0.006	164038	50.0	43.5	M
		Average of Peak Amounts =				50.1	
						RPD = 0.78	
$ 11 DCB Decachlorobiphenyl							M
1	11.618	11.639	-0.021	2335721	12.5	12.6	M
2	10.499	10.508	-0.009	1711740	12.5	13.1	M
						RPD = 3.67	
S 12 Polychlorinated biphenyls, Total							
1						101.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

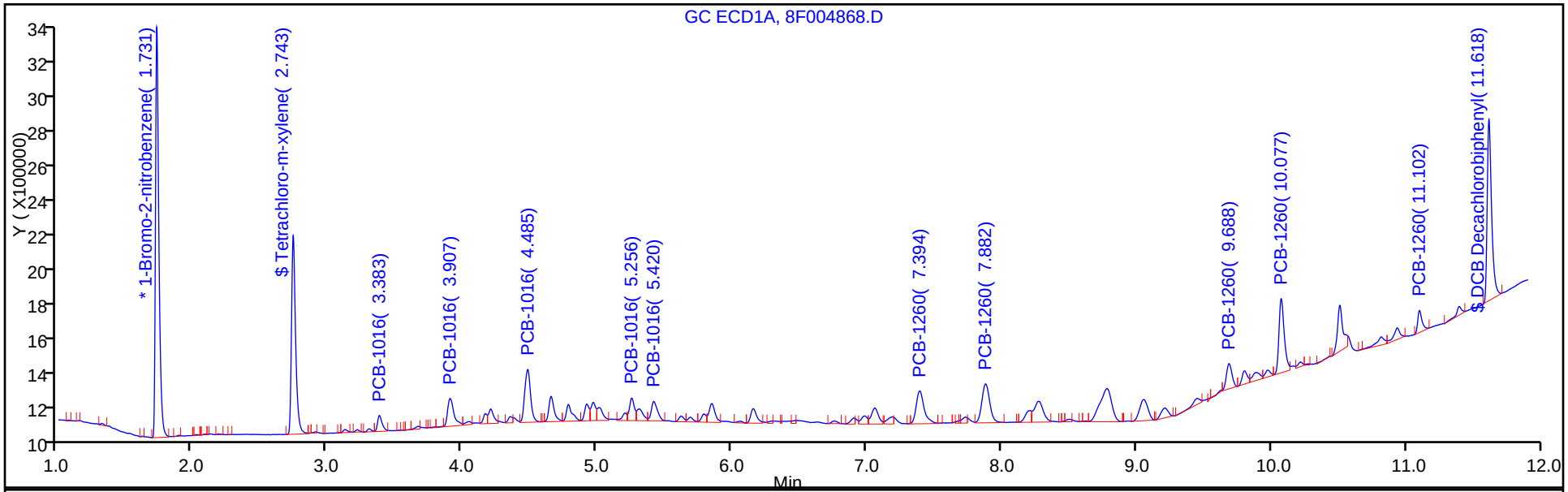
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

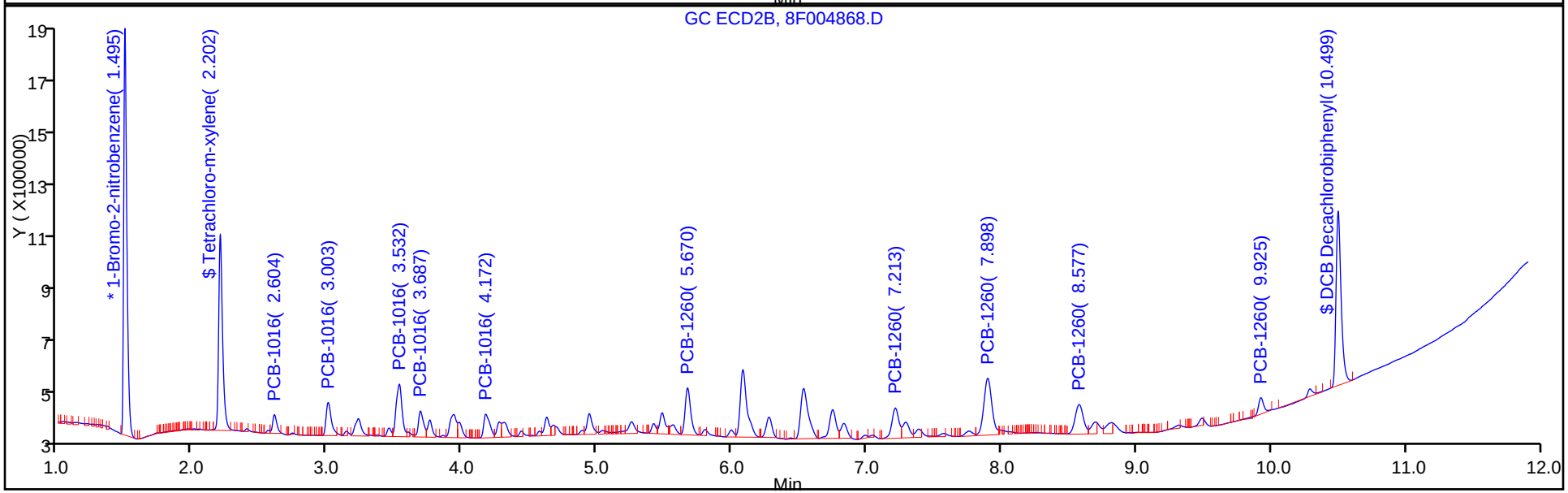
Report Date: 03-Aug-2015 14:44:07 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004868.D

Injection Date:	03-Aug-2015 10:50:28	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004869.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Aug-2015 11:07:36 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:10 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:41:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3850670	20.0	20.0	
2	1.495	1.494	0.001	2121817	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.744	2.745	-0.001	9097212	50.0	49.5	
2	2.203	2.204	-0.001	5786853	50.0	54.3	
						RPD = 9.37	
5 PCB-1016							M
1	3.383	3.383	0.000	2247450	500.0	528.7	
1	3.908	3.908	0.000	4777982	500.0	524.8	M
1	4.484	4.485	-0.001	8532096	500.0	514.6	M
1	5.257	5.257	0.000	2844742	500.0	503.0	M
1	5.421	5.421	0.000	3397490	500.0	504.8	M
		Average of Peak Amounts =				515.2	
2	2.604	2.605	-0.001	1528272	500.0	570.8	
2	3.005	3.005	0.000	3105745	500.0	574.9	
2	3.533	3.534	-0.001	5760647	500.0	552.2	M
2	3.689	3.690	-0.001	2433704	500.0	570.2	M
2	4.175	4.175	0.000	2714190	500.0	575.6	
		Average of Peak Amounts =				568.7	
						RPD = 9.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.395	7.393	0.002	6897640	500.0	519.5	M
1	7.883	7.882	0.001	8090192	500.0	520.4	M
1	9.688	9.692	-0.004	4971966	500.0	544.9	M
1	10.076	10.081	-0.005	11330155	500.0	520.9	M
1	11.103	11.117	-0.014	2857576	500.0	513.2	
		Average of Peak Amounts =				523.8	
2	5.671	5.672	-0.001	4456590	500.0	563.3	M
2	7.215	7.215	0.000	3795192	500.0	565.1	M
2	7.901	7.902	-0.001	8546148	500.0	571.2	M
2	8.579	8.579	0.000	4641221	500.0	572.6	M
2	9.927	9.931	-0.004	1823952	500.0	568.8	M
		Average of Peak Amounts =				568.2	
						RPD = 8.13	
$ 11 DCB Decachlorobiphenyl							M
1	11.619	11.639	-0.020	8895015	50.0	51.0	
2	10.501	10.508	-0.007	6179600	50.0	55.6	M
						RPD = 8.62	
S 12 Polychlorinated biphenyls, Total							
1						1038.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

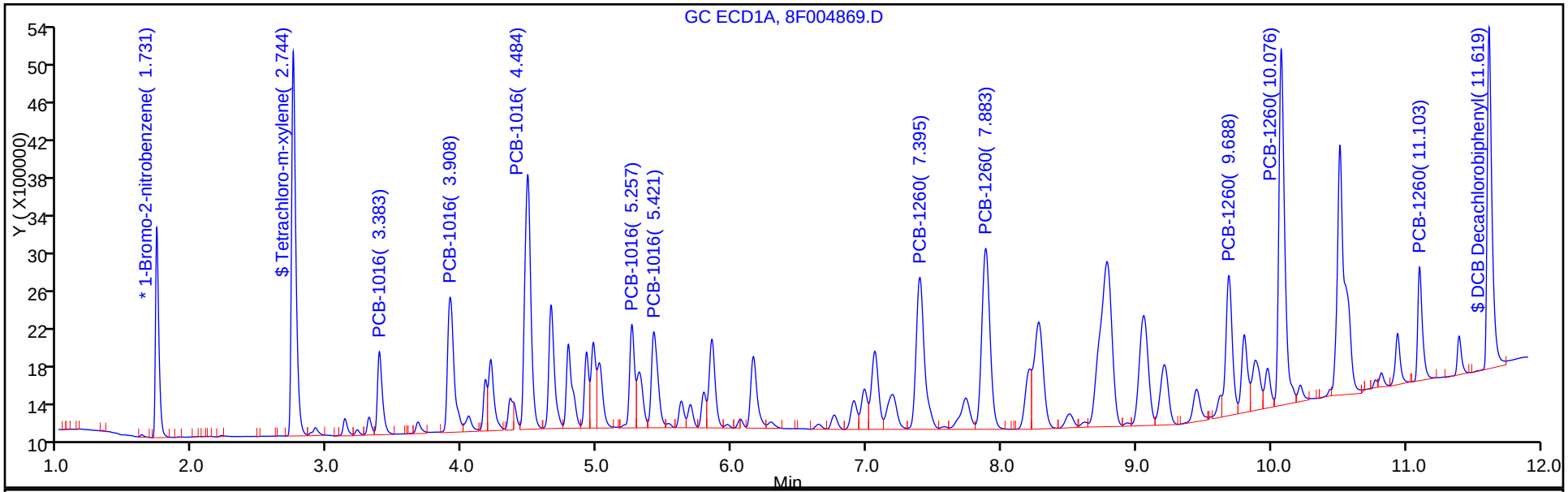
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

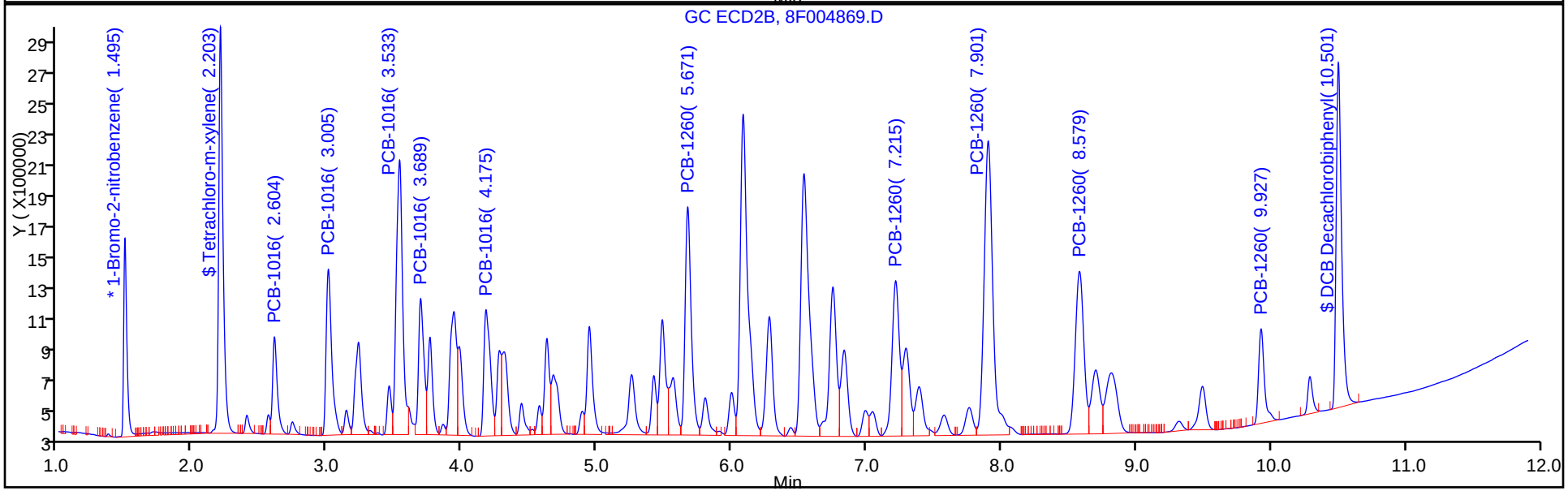
Report Date: 03-Aug-2015 14:44:12 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004869.D

Injection Date:	03-Aug-2015 11:07:36	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004870.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 03-Aug-2015 11:24:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-004
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:15 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:52:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	4044319	20.0	20.0	
2	1.495	1.495	0.000	2539016	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.745	2.745	0.000	17629024	100.0	91.2	
2	2.204	2.204	0.000	11408449	100.0	89.5	M
						RPD = 1.95	
5 PCB-1016							M
1	3.383	3.383	0.000	3925485	1000.0	879.3	M
1	3.908	3.908	0.000	8319207	1000.0	869.9	M
1	4.485	4.485	0.000	15253222	1000.0	875.9	M
1	5.257	5.257	0.000	5186841	1000.0	873.2	M
1	5.421	5.421	0.000	6316941	1000.0	893.6	M
		Average of Peak Amounts =				878.4	
2	2.605	2.605	0.000	2754842	1000.0	859.8	M
2	3.005	3.005	0.000	5435151	1000.0	840.8	M
2	3.534	3.534	0.000	10810288	1000.0	865.9	M
2	3.690	3.690	0.000	4299990	1000.0	841.9	M
2	4.175	4.175	0.000	4774952	1000.0	846.3	M
		Average of Peak Amounts =				850.9	
						RPD = 3.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.393	7.393	0.000	11886806	1000.0	852.4	M
1	7.882	7.882	0.000	14094651	1000.0	863.2	M
1	9.692	9.692	0.000	8731574	1000.0	911.1	M
1	10.081	10.081	0.000	20035818	1000.0	877.1	M
1	11.117	11.117	0.000	5151644	1000.0	880.8	
		Average of Peak Amounts =				876.9	
2	5.672	5.672	0.000	8032873	1000.0	848.5	M
2	7.215	7.215	0.000	6914599	1000.0	860.4	M
2	7.902	7.902	0.000	15156867	1000.0	846.6	M
2	8.579	8.579	0.000	8227789	1000.0	848.3	M
2	9.931	9.931	0.000	3406822	1000.0	887.8	M
		Average of Peak Amounts =				858.3	
						RPD = 2.15	
$ 11 DCB Decachlorobiphenyl							M
1	11.639	11.639	0.000	16635751	100.0	90.9	M
2	10.508	10.508	0.000	11717966	100.0	88.2	M
						RPD = 3.04	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

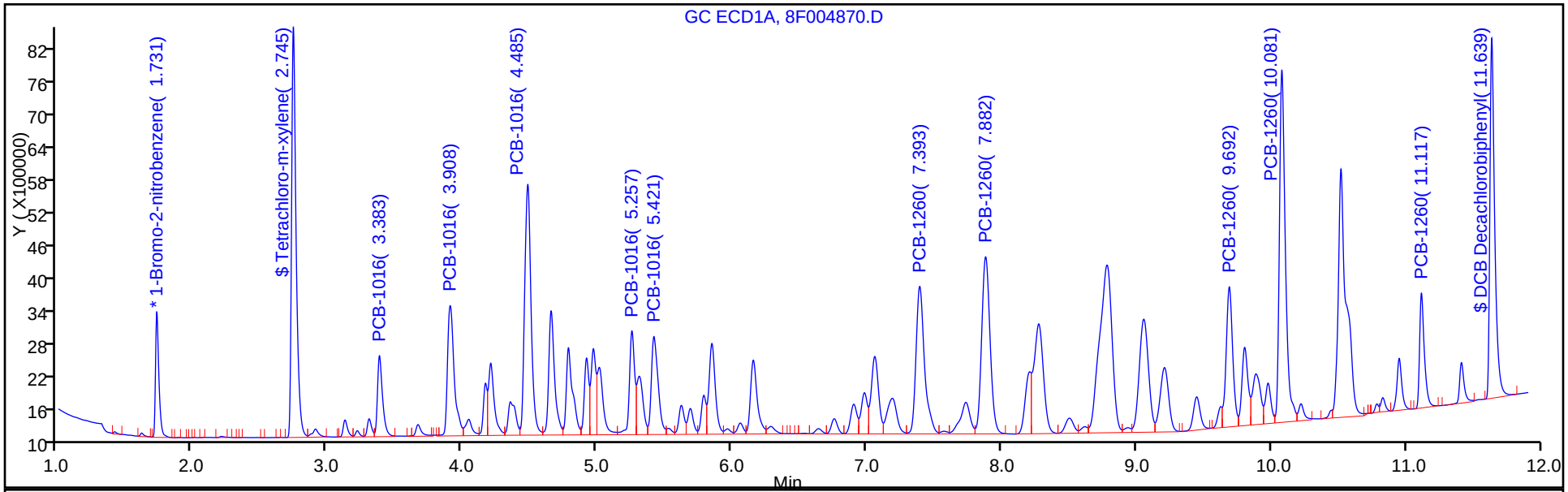
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

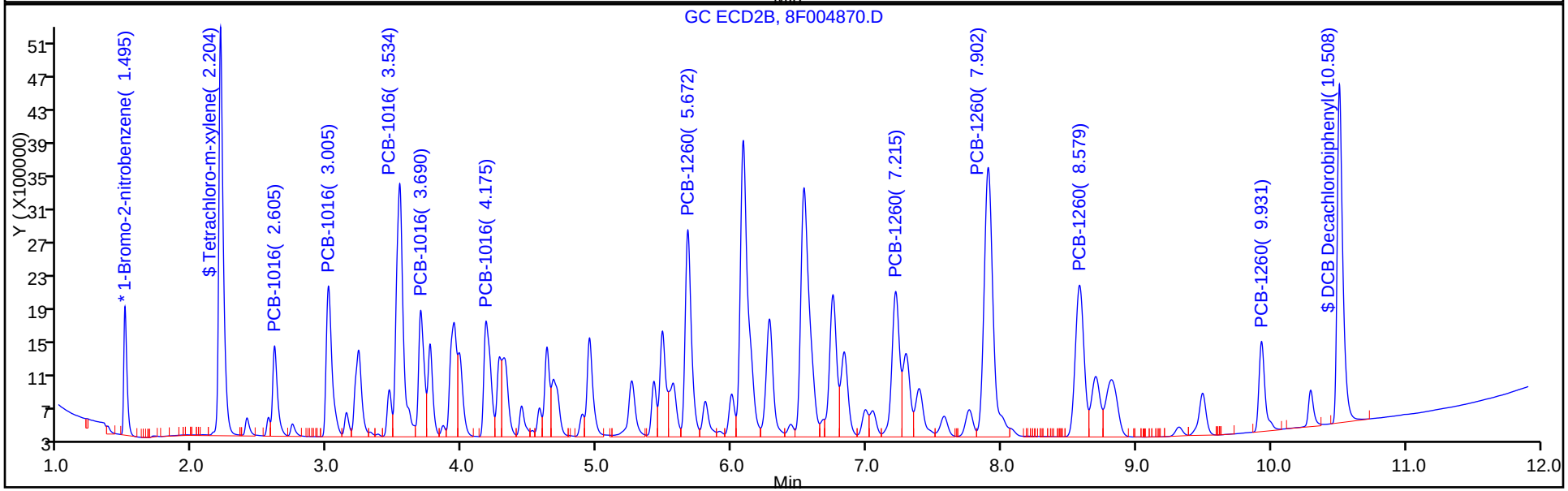
Report Date: 03-Aug-2015 14:44:17 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004870.D

Injection Date:	03-Aug-2015 11:24:34	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004871.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Aug-2015 11:42:26 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-005
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:11:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3428779	20.0	20.0	M
2	1.495	1.495	0.000	2106965	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.746	2.745	0.001	25537328	150.0	155.9	
2	2.203	2.204	-0.001	16551353	150.0	156.4	M
						RPD = 0.34	
5 PCB-1016							M
1	3.385	3.383	0.002	6077130	1500.0	1605.6	M
1	3.910	3.908	0.002	12552800	1500.0	1548.3	M
1	4.486	4.485	0.001	23273563	1500.0	1576.3	M
1	5.259	5.257	0.002	7771848	1500.0	1543.2	M
1	5.423	5.421	0.002	9645781	1500.0	1609.4	M
		Average of Peak Amounts =				1576.6	
2	2.605	2.605	0.000	4220262	1500.0	1587.3	M
2	3.005	3.005	0.000	8231719	1500.0	1534.6	M
2	3.534	3.534	0.000	16613508	1500.0	1603.7	M
2	3.689	3.690	-0.001	6564702	1500.0	1548.9	M
2	4.175	4.175	0.000	7270611	1500.0	1552.9	M
		Average of Peak Amounts =				1565.4	
						RPD = 0.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.396	7.393	0.003	18312713	1500.0	1548.9	M
1	7.886	7.882	0.004	21052136	1500.0	1520.8	M
1	9.693	9.692	0.001	13181848	1500.0	1622.5	M
1	10.084	10.081	0.003	30332691	1500.0	1566.2	M
1	11.121	11.117	0.004	7949339	1500.0	1603.2	
		Average of Peak Amounts =				1572.3	
2	5.671	5.672	-0.001	11957128	1500.0	1521.9	M
2	7.216	7.215	0.001	10325293	1500.0	1548.2	M
2	7.902	7.902	0.000	23139918	1500.0	1557.5	M
2	8.581	8.579	0.002	12533263	1500.0	1557.1	
2	9.933	9.931	0.002	5161110	1500.0	1620.8	M
		Average of Peak Amounts =				1561.1	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							M
1	11.642	11.639	0.003	23271441	150.0	150.0	M
2	10.511	10.508	0.003	16336023	150.0	148.1	M
						RPD = 1.24	
S 12 Polychlorinated biphenyls, Total							
1						3148.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

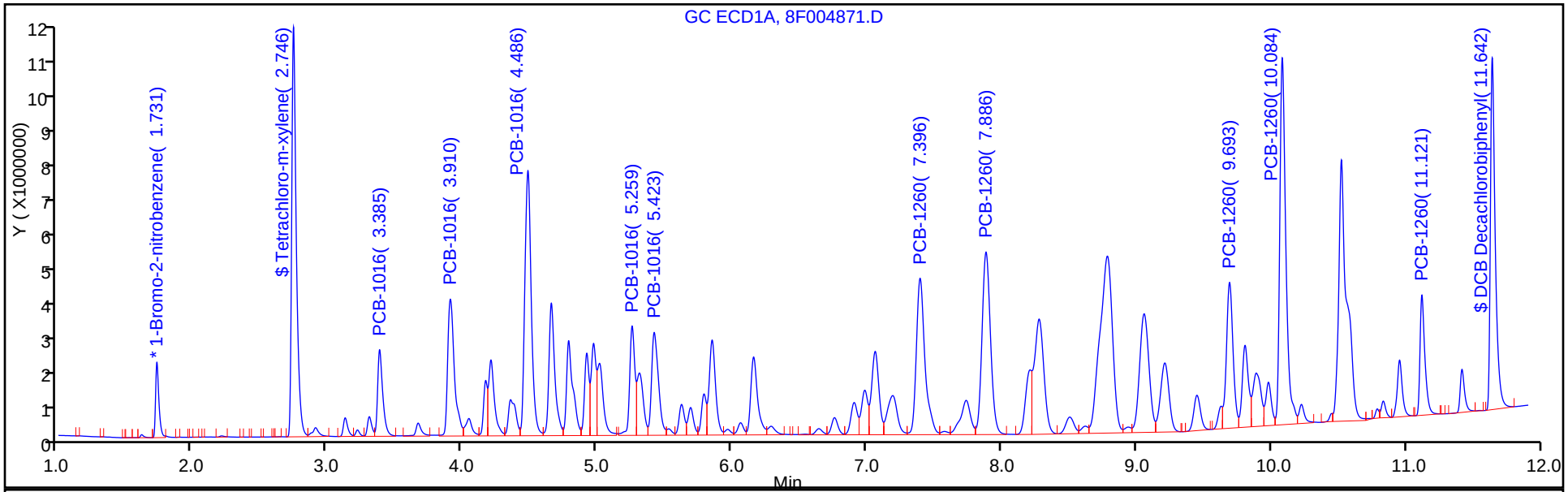
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

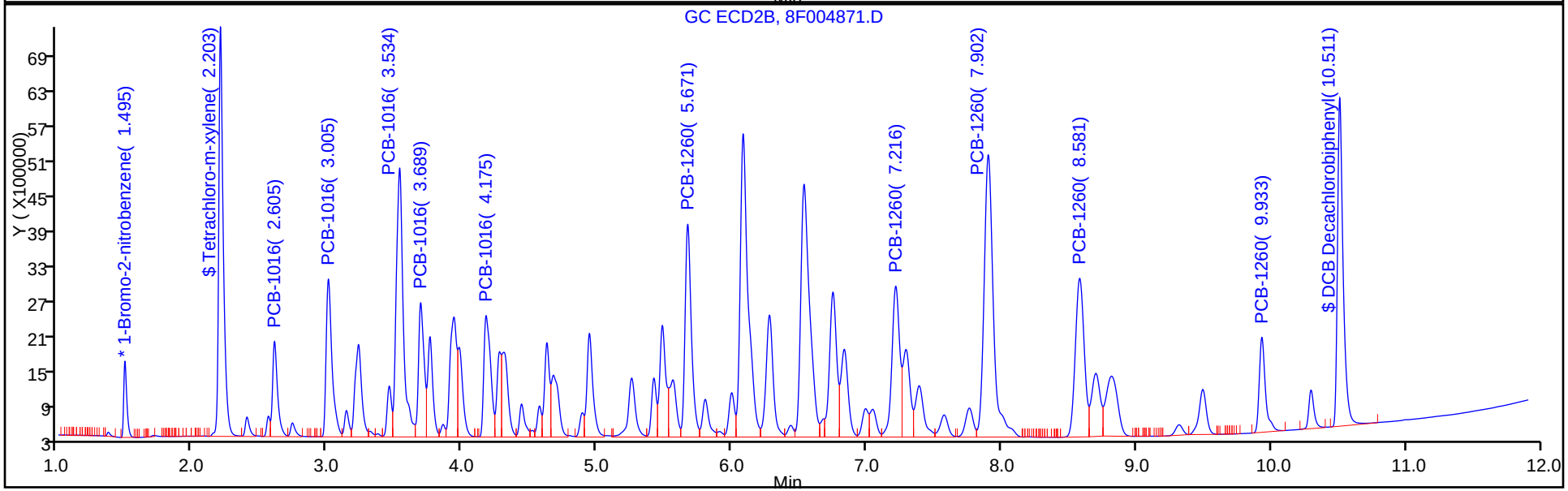
Report Date: 03-Aug-2015 14:44:22 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004871.D

Injection Date:	03-Aug-2015 11:42:26	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004872.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Aug-2015 11:59:34 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-006
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:24 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:19:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3267380	20.0	20.0	M
2	1.494	1.495	-0.001	2138066	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.744	2.745	-0.001	33761205	200.0	216.3	
2	2.203	2.204	-0.001	22130495	200.0	206.1	M
						RPD = 4.81	
5 PCB-1016							M
1	3.383	3.383	0.000	9290544	2500.0	2575.8	
1	3.908	3.908	0.000	19033634	2500.0	2463.6	M
1	4.485	4.485	0.000	35668772	2500.0	2535.2	M
1	5.258	5.257	0.001	11817211	2500.0	2462.4	M
1	5.422	5.421	0.001	14906908	2500.0	2610.1	M
		Average of Peak Amounts =				2529.4	
2	2.604	2.605	-0.001	6557708	2500.0	2430.5	M
2	3.004	3.005	-0.001	12661370	2500.0	2326.0	M
2	3.533	3.534	-0.001	25873692	2500.0	2461.2	M
2	3.689	3.690	-0.001	10175868	2500.0	2366.0	M
2	4.175	4.175	0.000	11285109	2500.0	2375.2	M
		Average of Peak Amounts =				2391.8	
						RPD = 5.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.394	7.393	0.001	27940960	2500.0	2480.0	M
1	7.883	7.882	0.001	32781268	2500.0	2485.1	M
1	9.692	9.692	0.000	20698417	2500.0	2673.5	
1	10.084	10.081	0.003	47723429	2500.0	2585.9	
1	11.127	11.117	0.010	12709572	2500.0	2689.8	
		Average of Peak Amounts =				2582.9	
2	5.672	5.672	0.000	18237885	2500.0	2287.6	M
2	7.215	7.215	0.000	15953133	2500.0	2357.3	M
2	7.903	7.902	0.001	36158126	2500.0	2398.4	M
2	8.581	8.579	0.002	19851456	2500.0	2430.5	M
2	9.933	9.931	0.002	8270131	2500.0	2559.3	M
		Average of Peak Amounts =				2406.6	
						RPD = 7.06	
$ 11 DCB Decachlorobiphenyl							M
1	11.652	11.639	0.013	31320799	200.0	211.8	
2	10.514	10.508	0.006	21686381	200.0	193.8	M
						RPD = 8.89	
S 12 Polychlorinated biphenyls, Total							
1						5112.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

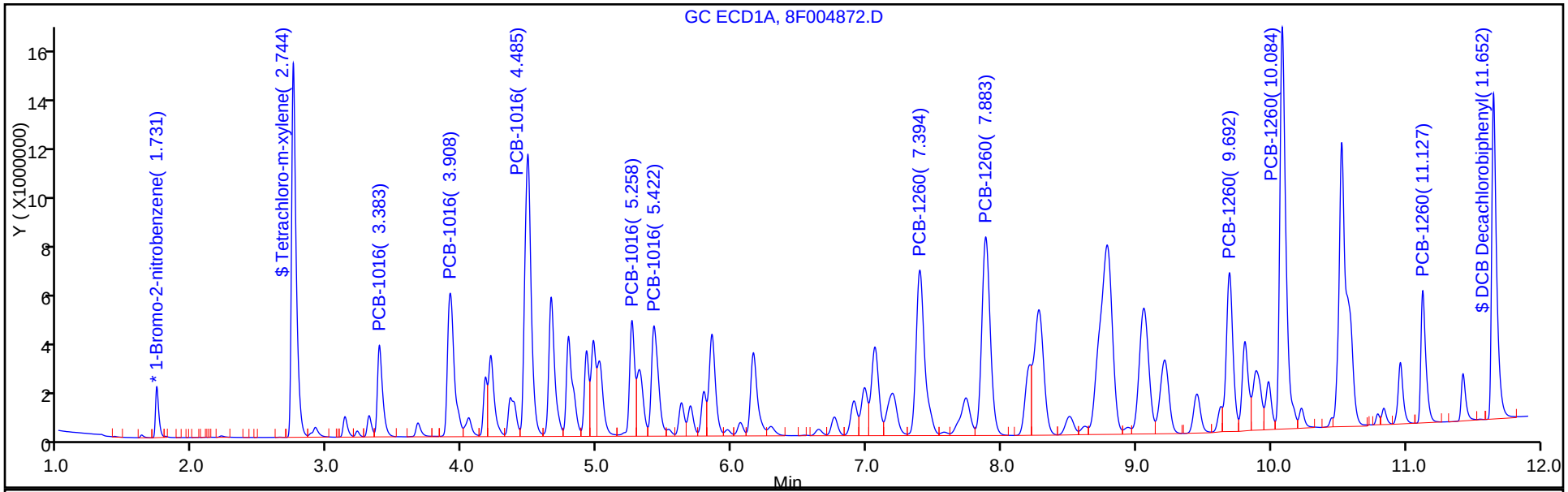
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

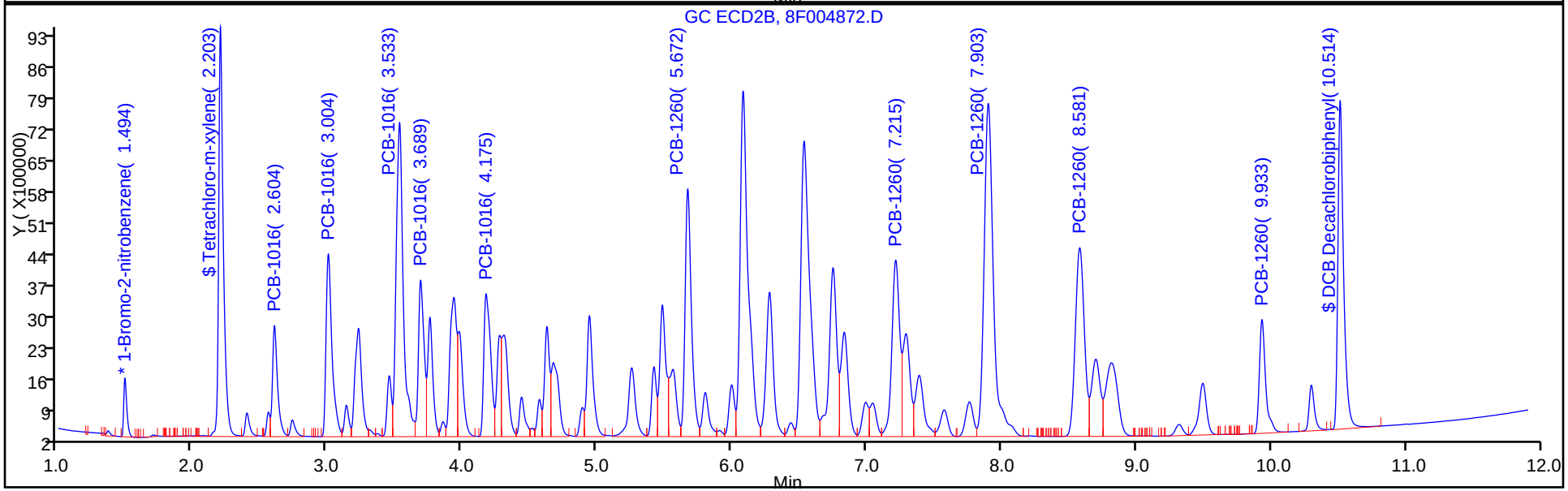
Report Date: 03-Aug-2015 14:44:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004872.D

Injection Date:	03-Aug-2015 11:59:34	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 10:50 Calibration End Date: 08/03/2015 11:59 Calibration ID: 51582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/2	8F004868.D
Level 2	IC 460-314286/3	8F004869.D
Level 3	IC 460-314286/4	8F004870.D
Level 4	IC 460-314286/5	8F004871.D
Level 5	IC 460-314286/6	8F004872.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0244	0.0288	0.0217	0.0267	0.0245	Ave		0.0252				10.6		20.0			0.9900
PCB-1016 Peak 2	0.0538	0.0585	0.0428	0.0521	0.0474	Ave		0.0509				11.9		20.0			0.9900
PCB-1016 Peak 3	0.0960	0.1086	0.0852	0.1051	0.0968	Ave		0.0983				9.3		20.0			0.9900
PCB-1016 Peak 4	0.0418	0.0459	0.0339	0.0415	0.0381	Ave		0.0402				11.2		20.0			0.9900
PCB-1016 Peak 5	0.0452	0.0512	0.0376	0.0460	0.0422	Ave		0.0444				11.2		20.0			0.9900
PCB-1260 Peak 1	0.0817	0.0840	0.0633	0.0757	0.0682	Ave		0.0746				11.8		20.0			0.9900
PCB-1260 Peak 2	0.0655	0.0715	0.0545	0.0653	0.0597	Ave		0.0633				10.2		20.0			0.9900
PCB-1260 Peak 3	0.1429	0.1611	0.1194	0.1464	0.1353	Ave		0.1410				10.9		20.0			0.9900
PCB-1260 Peak 4	0.0761	0.0875	0.0648	0.0793	0.0743	Ave		0.0764				10.8		20.0			0.9900
PCB-1260 Peak 5	0.0263	0.0344	0.0268	0.0327	0.0309	Ave		0.0302				11.8		20.0			0.9900
Tetrachloro-m-xylene	0.9492	1.0909	0.8987	1.0474	1.0351	Ave		1.0043				7.8		20.0			0.9900
DCB Decachlorobiphenyl	1.0982	1.1650	0.9230	1.0338	1.0143	Ave		1.0468				8.7		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 10:50 Calibration End Date: 08/03/2015 11:59 Calibration ID: 51582

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/2	8F004868.D
Level 2	IC 460-314286/3	8F004869.D
Level 3	IC 460-314286/4	8F004870.D
Level 4	IC 460-314286/5	8F004871.D
Level 5	IC 460-314286/6	8F004872.D

ANALYTE	IS REF	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	BNB	Ave	152366	1528272	2754842	4220262	6557708	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	335231	3105745	5435151	8231719	12661370	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	598456	5760647	10810288	16613508	25873692	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	260549	2433704	4299990	6564702	10175868	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	281842	2714190	4774952	7270611	11285109	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	509294	4456590	8032873	11957128	18237885	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	408303	3795192	6914599	10325293	15953133	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	890910	8546148	15156867	23139918	36158126	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	474600	4641221	8227789	12533263	19851456	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	164038	1823952	3406822	5161110	8270131	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	1479587	5786853	11408449	16551353	22130495	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1711740	6179600	11717966	16336023	21686381	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004868.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-Aug-2015 10:50:28 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVRT
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:03 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:13:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	4082993	20.0	20.0	
2	1.495	1.494	0.001	2493945	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.743	2.745	-0.002	2383168	12.5	12.2	
2	2.202	2.204	-0.002	1479587	12.5	11.8	M
						RPD = 3.36	
5 PCB-1016							M
1	3.383	3.383	0.000	216922	50.0	48.1	
1	3.907	3.908	-0.001	513088	50.0	53.1	M
1	4.485	4.485	0.000	905432	50.0	51.5	M
1	5.256	5.257	-0.001	331978	50.0	55.4	M
1	5.420	5.421	-0.001	349676	50.0	49.0	M
		Average of Peak Amounts =				51.4	
2	2.604	2.605	-0.001	152366	50.0	48.4	
2	3.003	3.005	-0.002	335231	50.0	52.8	M
2	3.532	3.534	-0.002	598456	50.0	48.8	M
2	3.687	3.690	-0.003	260549	50.0	51.9	M
2	4.172	4.175	-0.003	281842	50.0	50.9	M
		Average of Peak Amounts =				50.6	
						RPD = 1.69	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.394	7.393	0.001	763132	50.0	54.2	M
1	7.882	7.882	0.000	896727	50.0	54.4	M
1	9.688	9.692	-0.004	410206	50.0	42.4	M
1	10.077	10.081	-0.004	1156141	50.0	50.1	M
1	11.102	11.117	-0.015	279900	50.0	47.4	M
		Average of Peak Amounts =				49.7	
2	5.670	5.672	-0.002	509294	50.0	54.8	M
2	7.213	7.215	-0.002	408303	50.0	51.7	M
2	7.898	7.902	-0.004	890910	50.0	50.7	M
2	8.577	8.579	-0.002	474600	50.0	49.8	M
2	9.925	9.931	-0.006	164038	50.0	43.5	M
		Average of Peak Amounts =				50.1	
						RPD = 0.78	
$ 11 DCB Decachlorobiphenyl							M
1	11.618	11.639	-0.021	2335721	12.5	12.6	M
2	10.499	10.508	-0.009	1711740	12.5	13.1	M
						RPD = 3.67	
S 12 Polychlorinated biphenyls, Total							
1						101.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

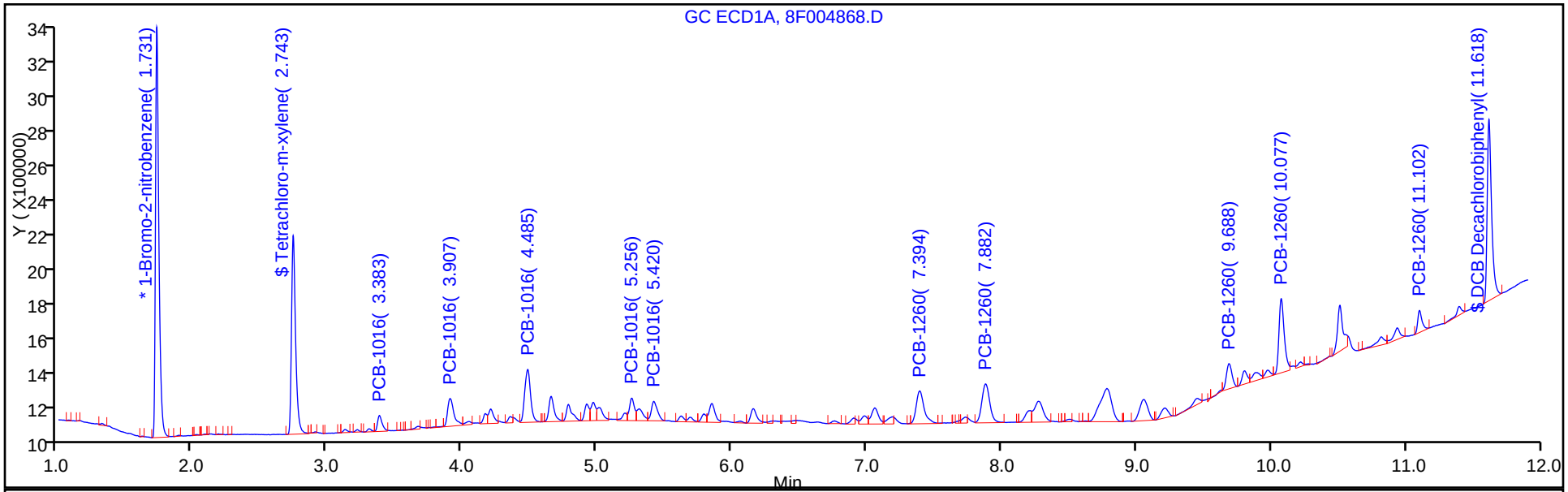
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

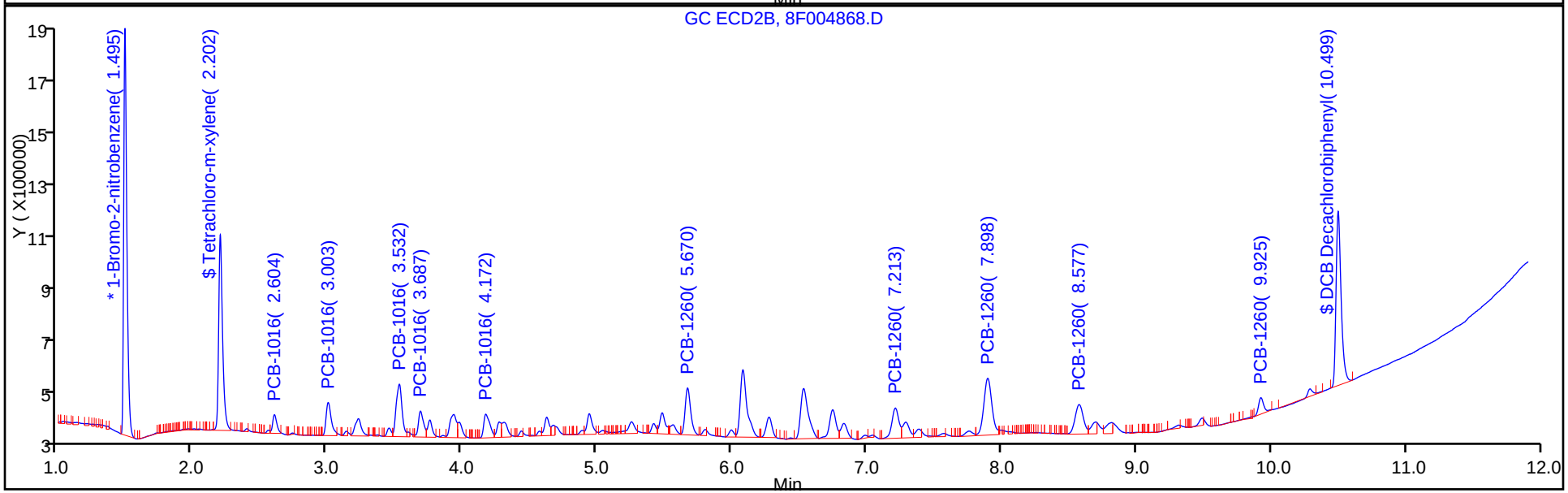
Report Date: 03-Aug-2015 14:44:08 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004868.D

Injection Date:	03-Aug-2015 10:50:28	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004869.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-Aug-2015 11:07:36 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:10 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:41:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3850670	20.0	20.0	
2	1.495	1.494	0.001	2121817	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.744	2.745	-0.001	9097212	50.0	49.5	
2	2.203	2.204	-0.001	5786853	50.0	54.3	
						RPD = 9.37	
5 PCB-1016							M
1	3.383	3.383	0.000	2247450	500.0	528.7	
1	3.908	3.908	0.000	4777982	500.0	524.8	M
1	4.484	4.485	-0.001	8532096	500.0	514.6	M
1	5.257	5.257	0.000	2844742	500.0	503.0	M
1	5.421	5.421	0.000	3397490	500.0	504.8	M
		Average of Peak Amounts =				515.2	
2	2.604	2.605	-0.001	1528272	500.0	570.8	
2	3.005	3.005	0.000	3105745	500.0	574.9	
2	3.533	3.534	-0.001	5760647	500.0	552.2	M
2	3.689	3.690	-0.001	2433704	500.0	570.2	M
2	4.175	4.175	0.000	2714190	500.0	575.6	
		Average of Peak Amounts =				568.7	
						RPD = 9.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.395	7.393	0.002	6897640	500.0	519.5	M
1	7.883	7.882	0.001	8090192	500.0	520.4	M
1	9.688	9.692	-0.004	4971966	500.0	544.9	M
1	10.076	10.081	-0.005	11330155	500.0	520.9	M
1	11.103	11.117	-0.014	2857576	500.0	513.2	
		Average of Peak Amounts =				523.8	
2	5.671	5.672	-0.001	4456590	500.0	563.3	M
2	7.215	7.215	0.000	3795192	500.0	565.1	M
2	7.901	7.902	-0.001	8546148	500.0	571.2	M
2	8.579	8.579	0.000	4641221	500.0	572.6	M
2	9.927	9.931	-0.004	1823952	500.0	568.8	M
		Average of Peak Amounts =				568.2	
						RPD = 8.13	
$ 11 DCB Decachlorobiphenyl							M
1	11.619	11.639	-0.020	8895015	50.0	51.0	
2	10.501	10.508	-0.007	6179600	50.0	55.6	M
						RPD = 8.62	
S 12 Polychlorinated biphenyls, Total							
1						1038.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

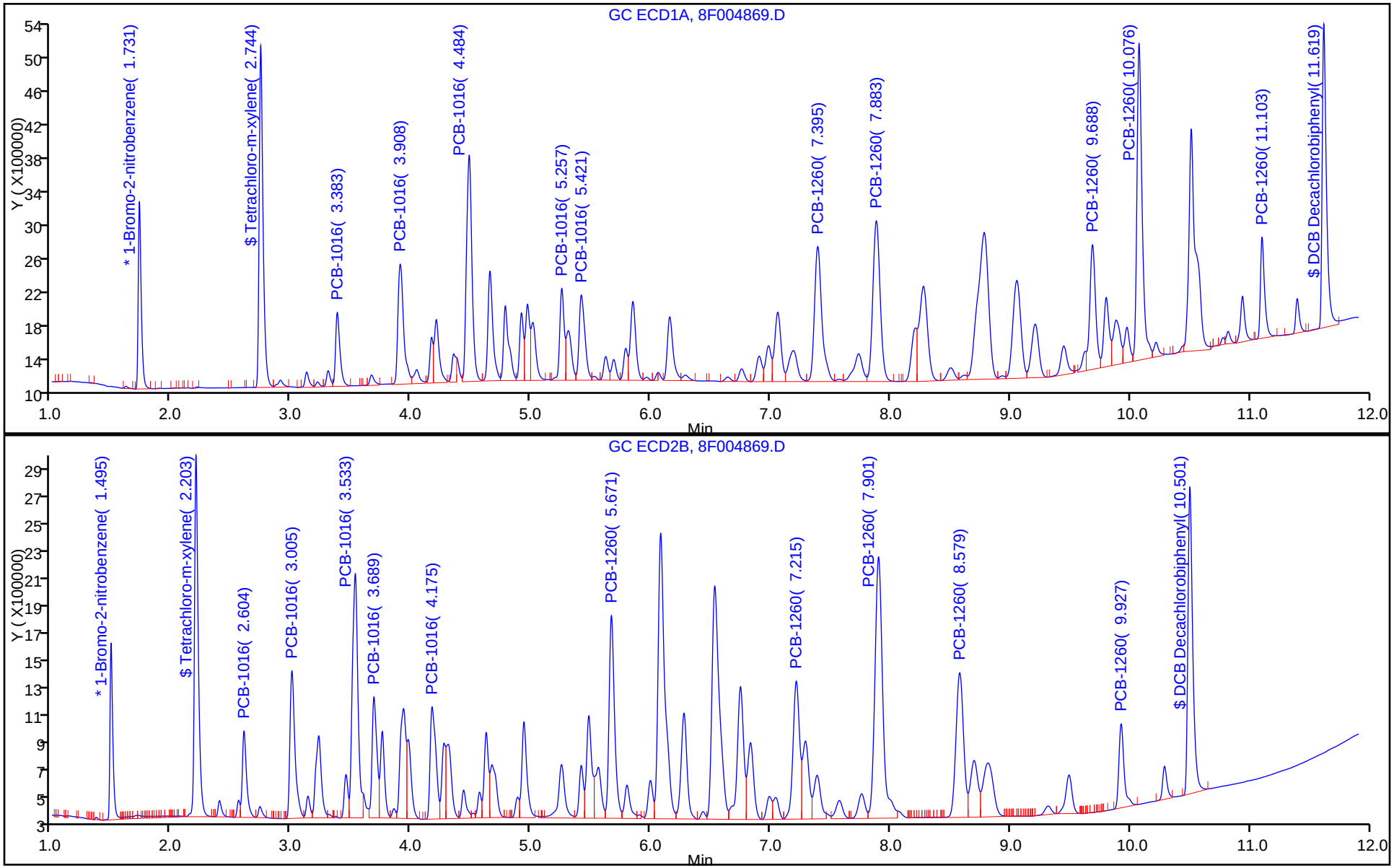
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:13 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004869.D

Injection Date:	03-Aug-2015 11:07:36	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004870.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 03-Aug-2015 11:24:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-004
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:15 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 11:52:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	4044319	20.0	20.0	
2	1.495	1.495	0.000	2539016	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.745	2.745	0.000	17629024	100.0	91.2	
2	2.204	2.204	0.000	11408449	100.0	89.5	M
						RPD = 1.95	
5 PCB-1016							M
1	3.383	3.383	0.000	3925485	1000.0	879.3	M
1	3.908	3.908	0.000	8319207	1000.0	869.9	M
1	4.485	4.485	0.000	15253222	1000.0	875.9	M
1	5.257	5.257	0.000	5186841	1000.0	873.2	M
1	5.421	5.421	0.000	6316941	1000.0	893.6	M
		Average of Peak Amounts =				878.4	
2	2.605	2.605	0.000	2754842	1000.0	859.8	M
2	3.005	3.005	0.000	5435151	1000.0	840.8	M
2	3.534	3.534	0.000	10810288	1000.0	865.9	M
2	3.690	3.690	0.000	4299990	1000.0	841.9	M
2	4.175	4.175	0.000	4774952	1000.0	846.3	M
		Average of Peak Amounts =				850.9	
						RPD = 3.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.393	7.393	0.000	11886806	1000.0	852.4	M
1	7.882	7.882	0.000	14094651	1000.0	863.2	M
1	9.692	9.692	0.000	8731574	1000.0	911.1	M
1	10.081	10.081	0.000	20035818	1000.0	877.1	M
1	11.117	11.117	0.000	5151644	1000.0	880.8	
		Average of Peak Amounts =				876.9	
2	5.672	5.672	0.000	8032873	1000.0	848.5	M
2	7.215	7.215	0.000	6914599	1000.0	860.4	M
2	7.902	7.902	0.000	15156867	1000.0	846.6	M
2	8.579	8.579	0.000	8227789	1000.0	848.3	M
2	9.931	9.931	0.000	3406822	1000.0	887.8	M
		Average of Peak Amounts =				858.3	
						RPD = 2.15	
$ 11 DCB Decachlorobiphenyl							M
1	11.639	11.639	0.000	16635751	100.0	90.9	M
2	10.508	10.508	0.000	11717966	100.0	88.2	M
						RPD = 3.04	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

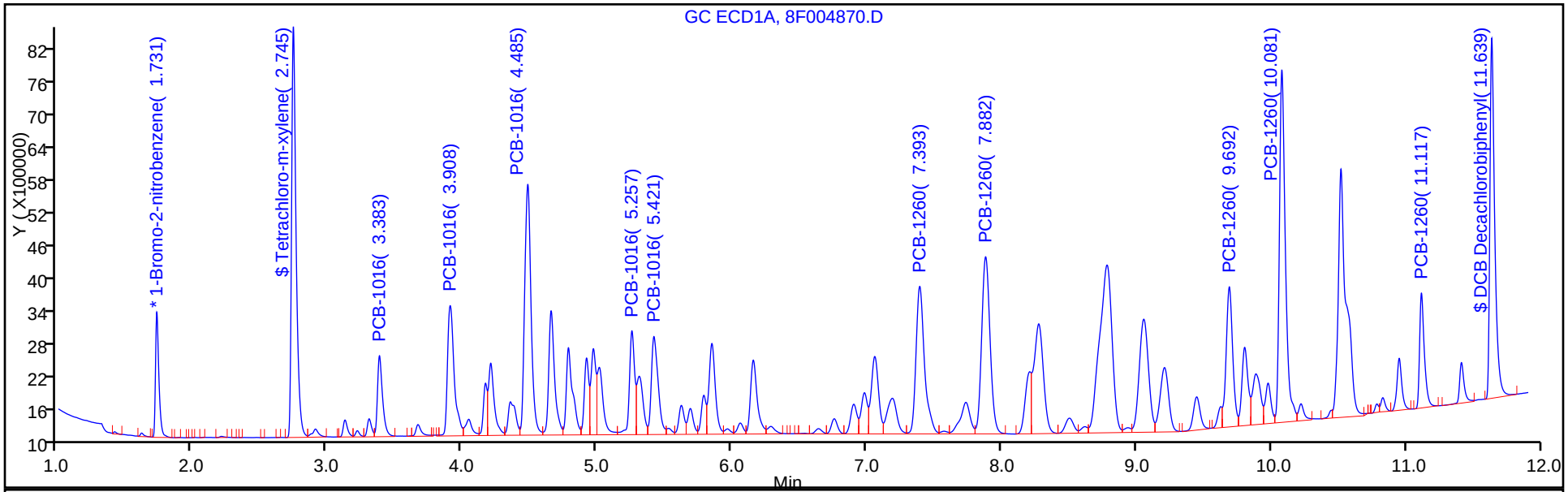
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

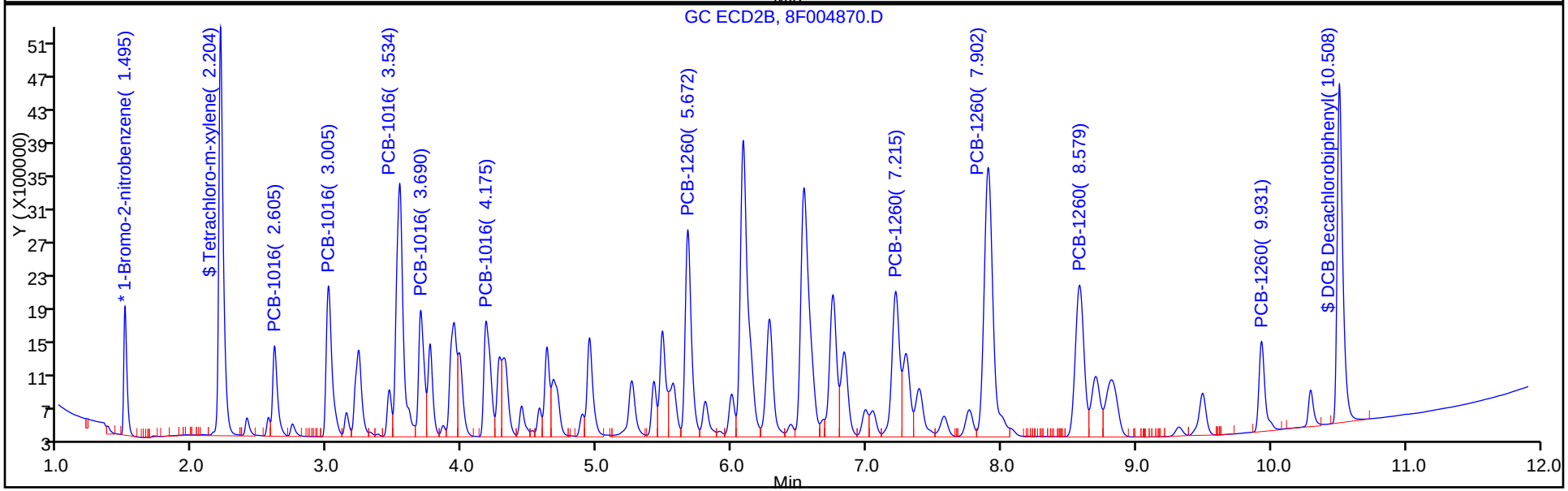
Report Date: 03-Aug-2015 14:44:18 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004870.D

Injection Date:	03-Aug-2015 11:24:34	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004871.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-Aug-2015 11:42:26 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-005
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:11:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3428779	20.0	20.0	M
2	1.495	1.495	0.000	2106965	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.746	2.745	0.001	25537328	150.0	155.9	
2	2.203	2.204	-0.001	16551353	150.0	156.4	M
						RPD = 0.34	
5 PCB-1016							M
1	3.385	3.383	0.002	6077130	1500.0	1605.6	M
1	3.910	3.908	0.002	12552800	1500.0	1548.3	M
1	4.486	4.485	0.001	23273563	1500.0	1576.3	M
1	5.259	5.257	0.002	7771848	1500.0	1543.2	M
1	5.423	5.421	0.002	9645781	1500.0	1609.4	M
		Average of Peak Amounts =				1576.6	
2	2.605	2.605	0.000	4220262	1500.0	1587.3	M
2	3.005	3.005	0.000	8231719	1500.0	1534.6	M
2	3.534	3.534	0.000	16613508	1500.0	1603.7	M
2	3.689	3.690	-0.001	6564702	1500.0	1548.9	M
2	4.175	4.175	0.000	7270611	1500.0	1552.9	M
		Average of Peak Amounts =				1565.4	
						RPD = 0.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.396	7.393	0.003	18312713	1500.0	1548.9	M
1	7.886	7.882	0.004	21052136	1500.0	1520.8	M
1	9.693	9.692	0.001	13181848	1500.0	1622.5	M
1	10.084	10.081	0.003	30332691	1500.0	1566.2	M
1	11.121	11.117	0.004	7949339	1500.0	1603.2	
		Average of Peak Amounts =				1572.3	
2	5.671	5.672	-0.001	11957128	1500.0	1521.9	M
2	7.216	7.215	0.001	10325293	1500.0	1548.2	M
2	7.902	7.902	0.000	23139918	1500.0	1557.5	M
2	8.581	8.579	0.002	12533263	1500.0	1557.1	
2	9.933	9.931	0.002	5161110	1500.0	1620.8	M
		Average of Peak Amounts =				1561.1	
						RPD = 0.71	
$ 11 DCB Decachlorobiphenyl							M
1	11.642	11.639	0.003	23271441	150.0	150.0	M
2	10.511	10.508	0.003	16336023	150.0	148.1	M
						RPD = 1.24	
S 12 Polychlorinated biphenyls, Total							
1						3148.9	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

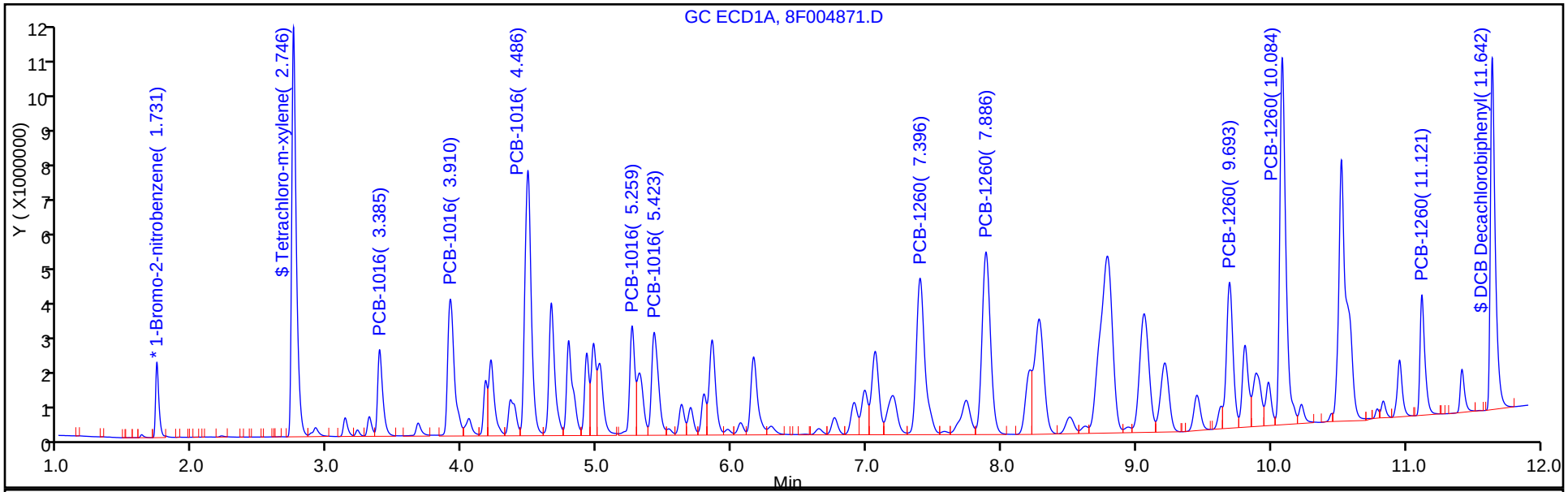
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

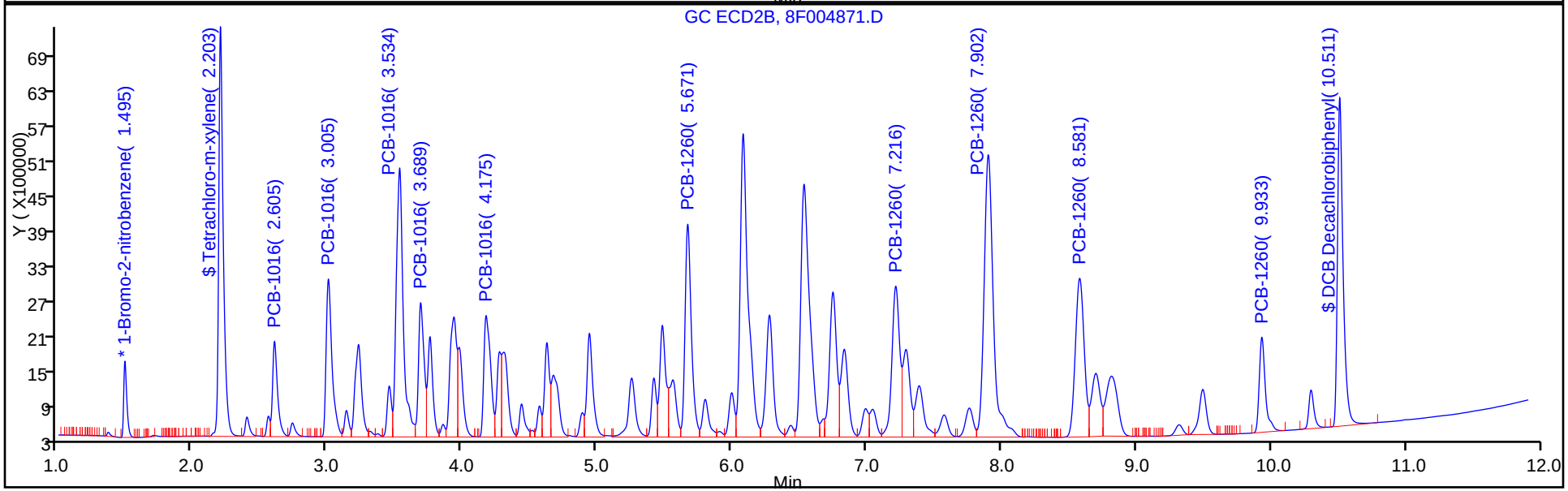
Report Date: 03-Aug-2015 14:44:23 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004871.D

Injection Date:	03-Aug-2015 11:42:26	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004872.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-Aug-2015 11:59:34 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-006
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:24 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:19:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.731	1.731	0.000	3267380	20.0	20.0	M
2	1.494	1.495	-0.001	2138066	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.744	2.745	-0.001	33761205	200.0	216.3	
2	2.203	2.204	-0.001	22130495	200.0	206.1	M
						RPD = 4.81	
5 PCB-1016							M
1	3.383	3.383	0.000	9290544	2500.0	2575.8	
1	3.908	3.908	0.000	19033634	2500.0	2463.6	M
1	4.485	4.485	0.000	35668772	2500.0	2535.2	M
1	5.258	5.257	0.001	11817211	2500.0	2462.4	M
1	5.422	5.421	0.001	14906908	2500.0	2610.1	M
		Average of Peak Amounts =				2529.4	
2	2.604	2.605	-0.001	6557708	2500.0	2430.5	M
2	3.004	3.005	-0.001	12661370	2500.0	2326.0	M
2	3.533	3.534	-0.001	25873692	2500.0	2461.2	M
2	3.689	3.690	-0.001	10175868	2500.0	2366.0	M
2	4.175	4.175	0.000	11285109	2500.0	2375.2	M
		Average of Peak Amounts =				2391.8	
						RPD = 5.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.394	7.393	0.001	27940960	2500.0	2480.0	M
1	7.883	7.882	0.001	32781268	2500.0	2485.1	M
1	9.692	9.692	0.000	20698417	2500.0	2673.5	
1	10.084	10.081	0.003	47723429	2500.0	2585.9	
1	11.127	11.117	0.010	12709572	2500.0	2689.8	
		Average of Peak Amounts =				2582.9	
2	5.672	5.672	0.000	18237885	2500.0	2287.6	M
2	7.215	7.215	0.000	15953133	2500.0	2357.3	M
2	7.903	7.902	0.001	36158126	2500.0	2398.4	M
2	8.581	8.579	0.002	19851456	2500.0	2430.5	M
2	9.933	9.931	0.002	8270131	2500.0	2559.3	M
		Average of Peak Amounts =				2406.6	
						RPD = 7.06	
$ 11 DCB Decachlorobiphenyl							M
1	11.652	11.639	0.013	31320799	200.0	211.8	
2	10.514	10.508	0.006	21686381	200.0	193.8	M
						RPD = 8.89	
S 12 Polychlorinated biphenyls, Total							
1						5112.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

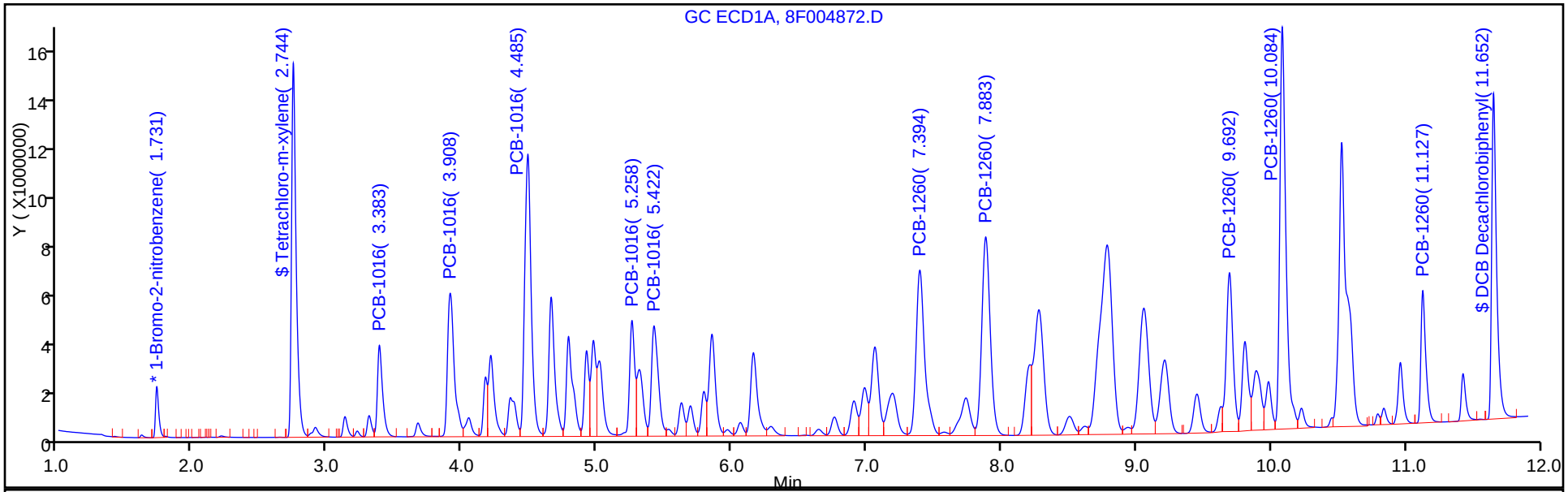
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

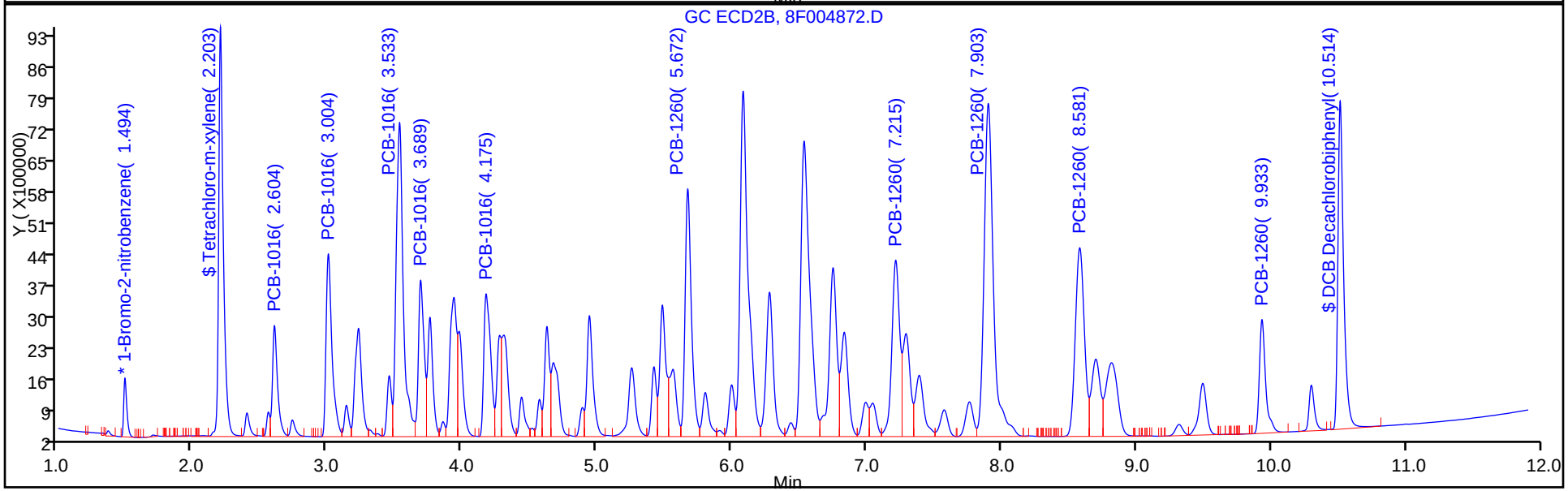
Report Date: 03-Aug-2015 14:44:27 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004872.D

Injection Date:	03-Aug-2015 11:59:34	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:34 Calibration End Date: 08/03/2015 12:34 Calibration ID: 51587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/8	8F004874.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0083					Ave		0.0083						20.0			0.9900
PCB-1221 Peak 2	0.0116					Ave		0.0116						20.0			0.9900
PCB-1221 Peak 3	0.0076					Ave		0.0076						20.0			0.9900
PCB-1221 Peak 4	0.0294					Ave		0.0294						20.0			0.9900
PCB-1221 Peak 5	0.0049					Ave		0.0049						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:34 Calibration End Date: 08/03/2015 12:34 Calibration ID: 51587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/8	8F004874.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	1532368					1000				
PCB-1221 Peak 2	BNB	Ave	2153888					1000				
PCB-1221 Peak 3	BNB	Ave	1420307					1000				
PCB-1221 Peak 4	BNB	Ave	5453740					1000				
PCB-1221 Peak 5	BNB	Ave	904609					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004874.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 12:34:44 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-008
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:35 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:54:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3713587	20.0	20.0	
2	1.495	1.495	0.000	2062930	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.210	2.210	0.000	1532368	1000.0	1000.0	a
1	3.128	3.128	0.000	2153888	1000.0	1000.0	a
1	3.307	3.307	0.000	1420307	1000.0	1000.0	a
1	3.384	3.384	0.000	5453740	1000.0	1000.0	a
1	3.970	3.970	0.000	904609	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.702	1.702	0.000	1184730	1000.0	1000.0	a
2	2.400	2.400	0.000	1377381	1000.0	1000.0	M
2	2.559	2.559	0.000	699358	1000.0	1000.0	M
2	2.604	2.604	0.000	3745774	1000.0	1000.0	M
2	3.140	3.140	0.000	582705	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

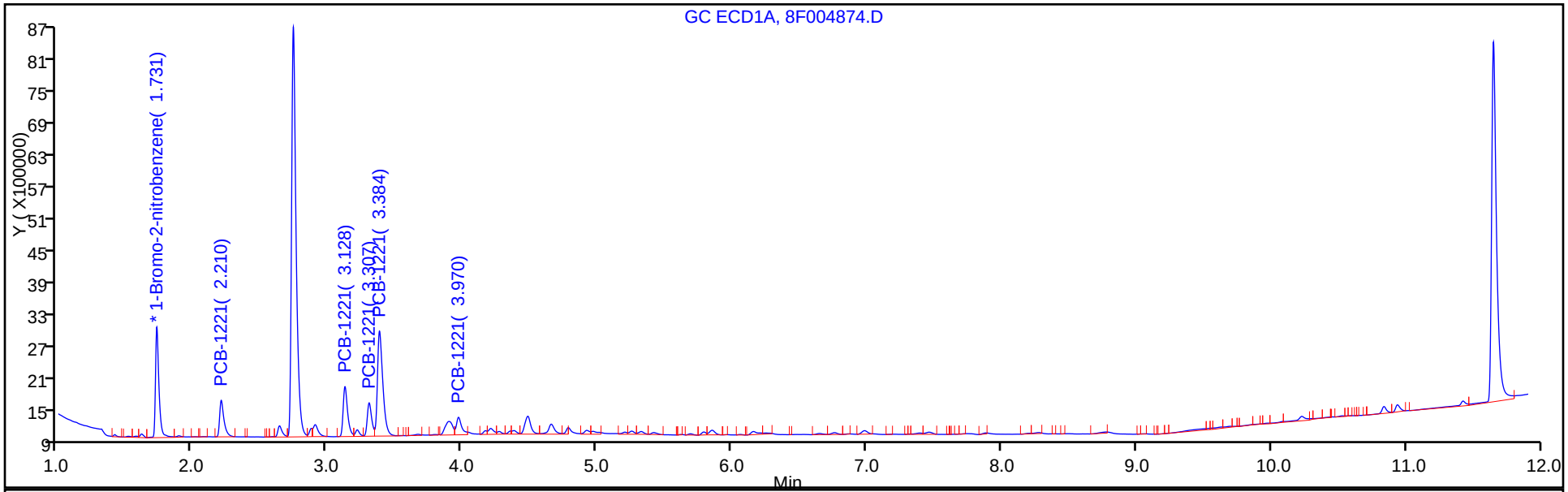
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

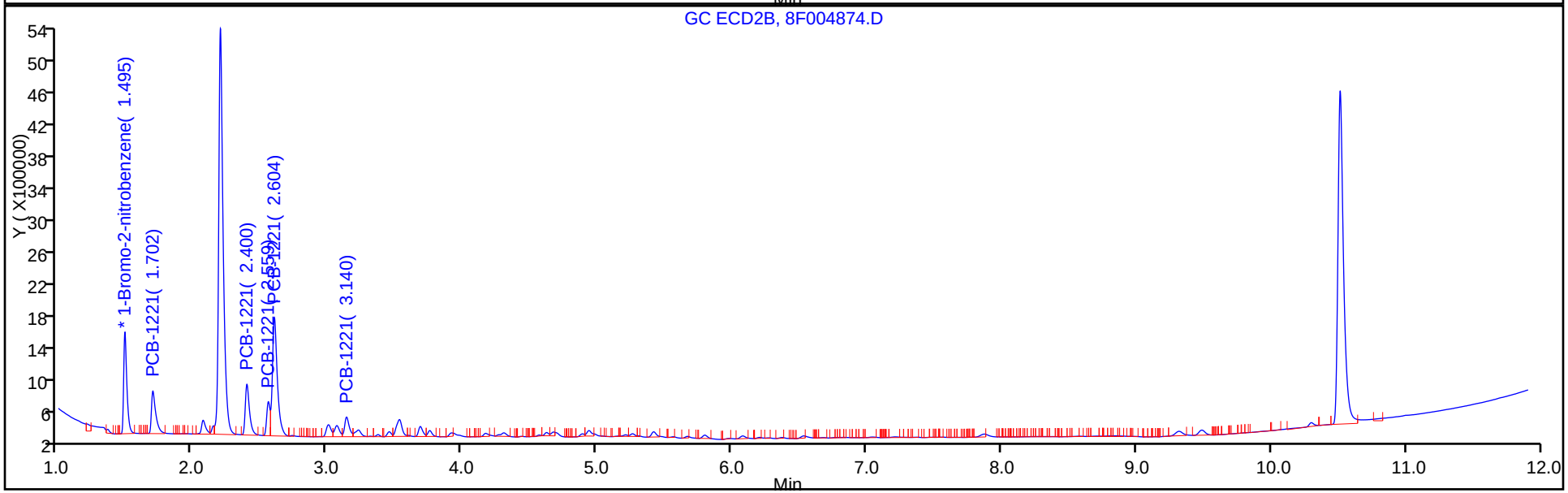
Report Date: 03-Aug-2015 14:44:37 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004874.D

Injection Date:	03-Aug-2015 12:34:44	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:34 Calibration End Date: 08/03/2015 12:34 Calibration ID: 51588

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/8	8F004874.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0115					Ave		0.0115						20.0			0.9900
PCB-1221 Peak 2	0.0134					Ave		0.0134						20.0			0.9900
PCB-1221 Peak 3	0.0068					Ave		0.0068						20.0			0.9900
PCB-1221 Peak 4	0.0363					Ave		0.0363						20.0			0.9900
PCB-1221 Peak 5	0.0056					Ave		0.0056						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:34 Calibration End Date: 08/03/2015 12:34 Calibration ID: 51588

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/8	8F004874.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	1184730					1000				
PCB-1221 Peak 2	BNB	Ave	1377381					1000				
PCB-1221 Peak 3	BNB	Ave	699358					1000				
PCB-1221 Peak 4	BNB	Ave	3745774					1000				
PCB-1221 Peak 5	BNB	Ave	582705					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004874.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 12:34:44 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-008
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:35 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 12:54:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3713587	20.0	20.0	
2	1.495	1.495	0.000	2062930	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	2.210	2.210	0.000	1532368	1000.0	1000.0	a
1	3.128	3.128	0.000	2153888	1000.0	1000.0	a
1	3.307	3.307	0.000	1420307	1000.0	1000.0	a
1	3.384	3.384	0.000	5453740	1000.0	1000.0	a
1	3.970	3.970	0.000	904609	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.702	1.702	0.000	1184730	1000.0	1000.0	a
2	2.400	2.400	0.000	1377381	1000.0	1000.0	M
2	2.559	2.559	0.000	699358	1000.0	1000.0	M
2	2.604	2.604	0.000	3745774	1000.0	1000.0	M
2	3.140	3.140	0.000	582705	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

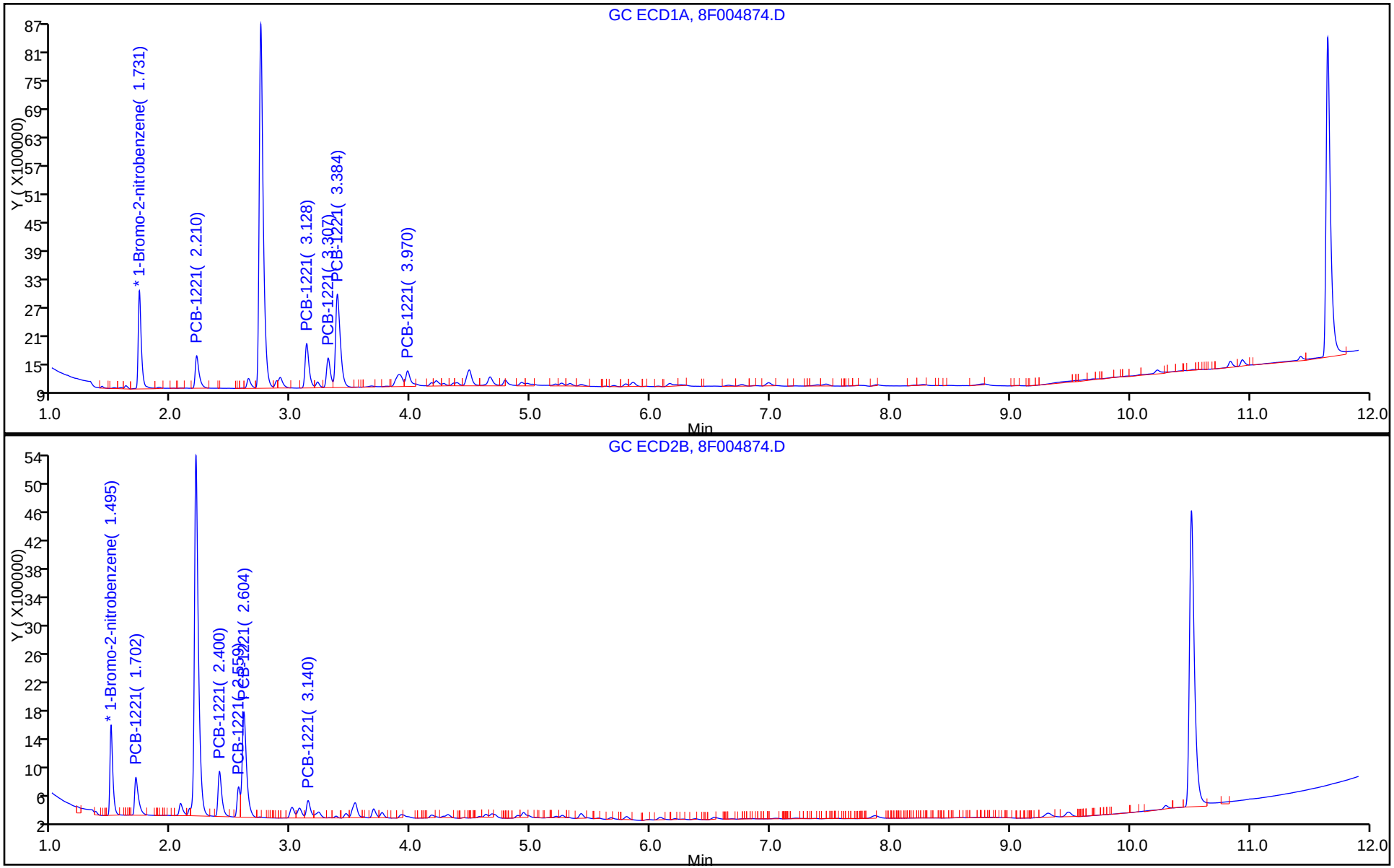
SG1221L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:38 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004874.D

Injection Date:	03-Aug-2015 12:34:44	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:51 Calibration End Date: 08/03/2015 12:51 Calibration ID: 51593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/9	8F004875.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0246					Ave		0.0246						20.0			0.9900
PCB-1232 Peak 2	0.0200					Ave		0.0200						20.0			0.9900
PCB-1232 Peak 3	0.0376					Ave		0.0376						20.0			0.9900
PCB-1232 Peak 4	0.0114					Ave		0.0114						20.0			0.9900
PCB-1232 Peak 5	0.0130					Ave		0.0130						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:51 Calibration End Date: 08/03/2015 12:51 Calibration ID: 51593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/9	8F004875.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	4595102					1000				
PCB-1232 Peak 2	BNB	Ave	3733756					1000				
PCB-1232 Peak 3	BNB	Ave	7015681					1000				
PCB-1232 Peak 4	BNB	Ave	2123797					1000				
PCB-1232 Peak 5	BNB	Ave	2425869					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004875.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 12:51:51 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-009
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:39 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:13:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3729928	20.0	20.0	
2	1.495	1.495	0.000	2216424	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.384	3.384	0.000	4595102	1000.0	1000.0	M
1	3.908	3.908	0.000	3733756	1000.0	1000.0	M
1	4.485	4.485	0.000	7015681	1000.0	1000.0	M
1	5.257	5.257	0.000	2123797	1000.0	1000.0	M
1	5.421	5.421	0.000	2425869	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.604	2.604	0.000	3255699	1000.0	1000.0	M
2	3.004	3.004	0.000	2756894	1000.0	1000.0	M
2	3.533	3.533	0.000	4728011	1000.0	1000.0	M
2	3.688	3.688	0.000	2002822	1000.0	1000.0	M
2	4.173	4.173	0.000	2053354	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

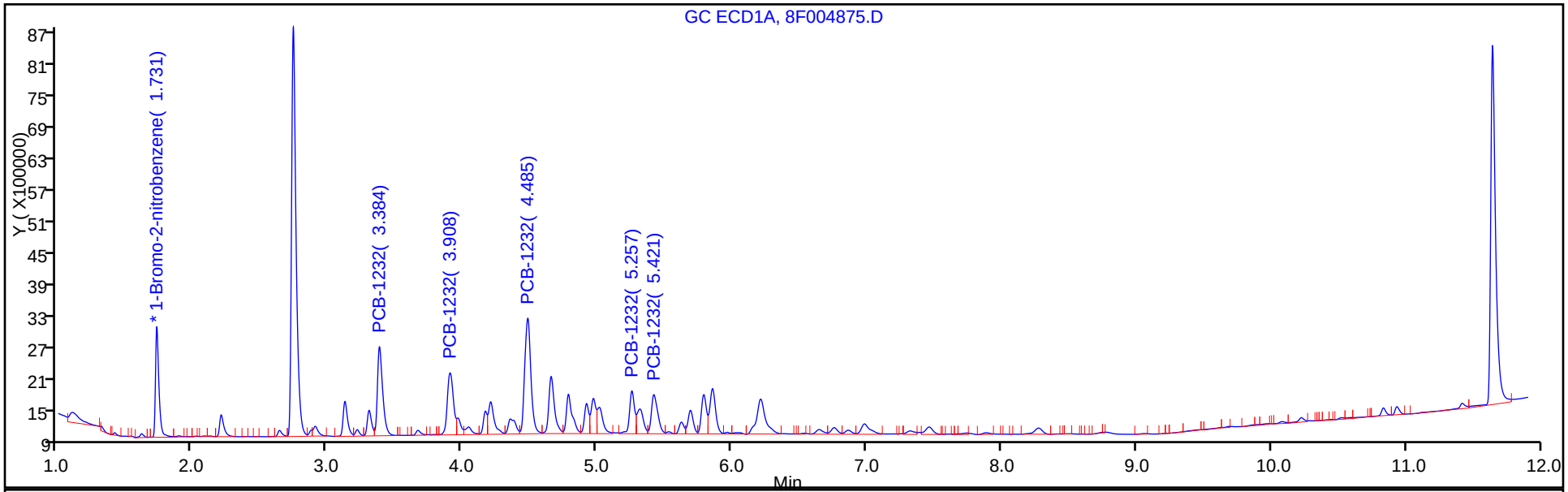
SG1232L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

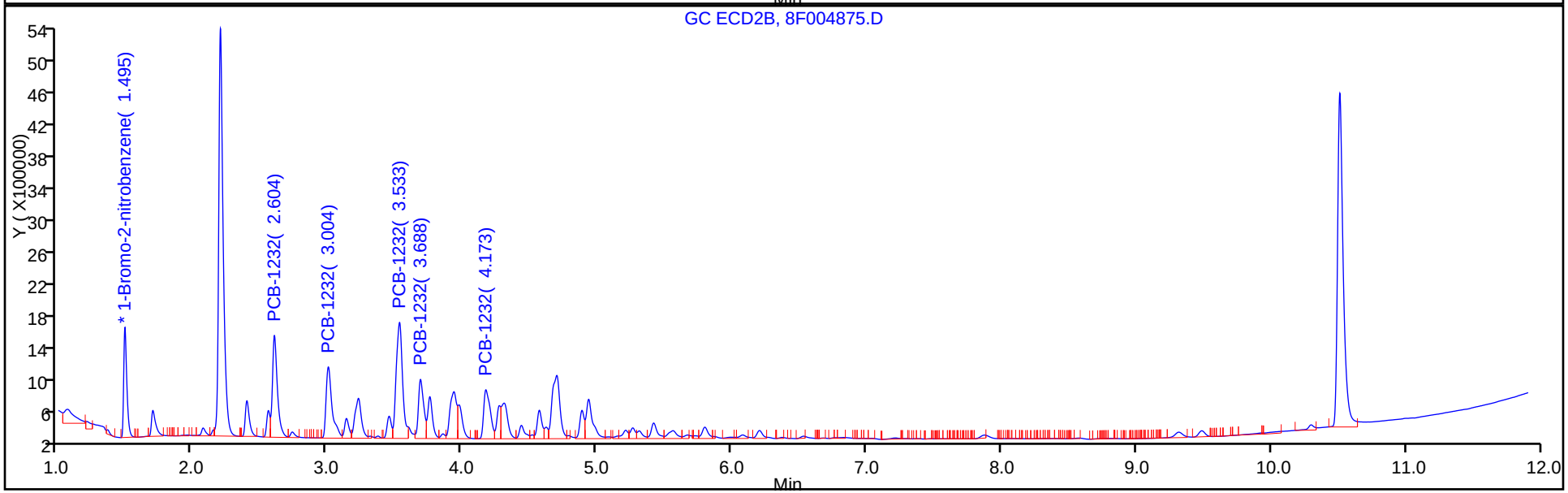
Report Date: 03-Aug-2015 14:44:41 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004875.D

Injection Date:	03-Aug-2015 12:51:51	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:51 Calibration End Date: 08/03/2015 12:51 Calibration ID: 51594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/9	8F004875.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0294					Ave		0.0294						20.0			0.9900
PCB-1232 Peak 2	0.0249					Ave		0.0249						20.0			0.9900
PCB-1232 Peak 3	0.0427					Ave		0.0427						20.0			0.9900
PCB-1232 Peak 4	0.0181					Ave		0.0181						20.0			0.9900
PCB-1232 Peak 5	0.0185					Ave		0.0185						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 12:51 Calibration End Date: 08/03/2015 12:51 Calibration ID: 51594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/9	8F004875.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	3255699					1000				
PCB-1232 Peak 2	BNB	Ave	2756894					1000				
PCB-1232 Peak 3	BNB	Ave	4728011					1000				
PCB-1232 Peak 4	BNB	Ave	2002822					1000				
PCB-1232 Peak 5	BNB	Ave	2053354					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004875.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 12:51:51 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-009
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:39 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:13:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3729928	20.0	20.0	
2	1.495	1.495	0.000	2216424	20.0	20.0	
						RPD = 0.00	
3 PCB-1232							M
1	3.384	3.384	0.000	4595102	1000.0	1000.0	M
1	3.908	3.908	0.000	3733756	1000.0	1000.0	M
1	4.485	4.485	0.000	7015681	1000.0	1000.0	M
1	5.257	5.257	0.000	2123797	1000.0	1000.0	M
1	5.421	5.421	0.000	2425869	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.604	2.604	0.000	3255699	1000.0	1000.0	M
2	3.004	3.004	0.000	2756894	1000.0	1000.0	M
2	3.533	3.533	0.000	4728011	1000.0	1000.0	M
2	3.688	3.688	0.000	2002822	1000.0	1000.0	M
2	4.173	4.173	0.000	2053354	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

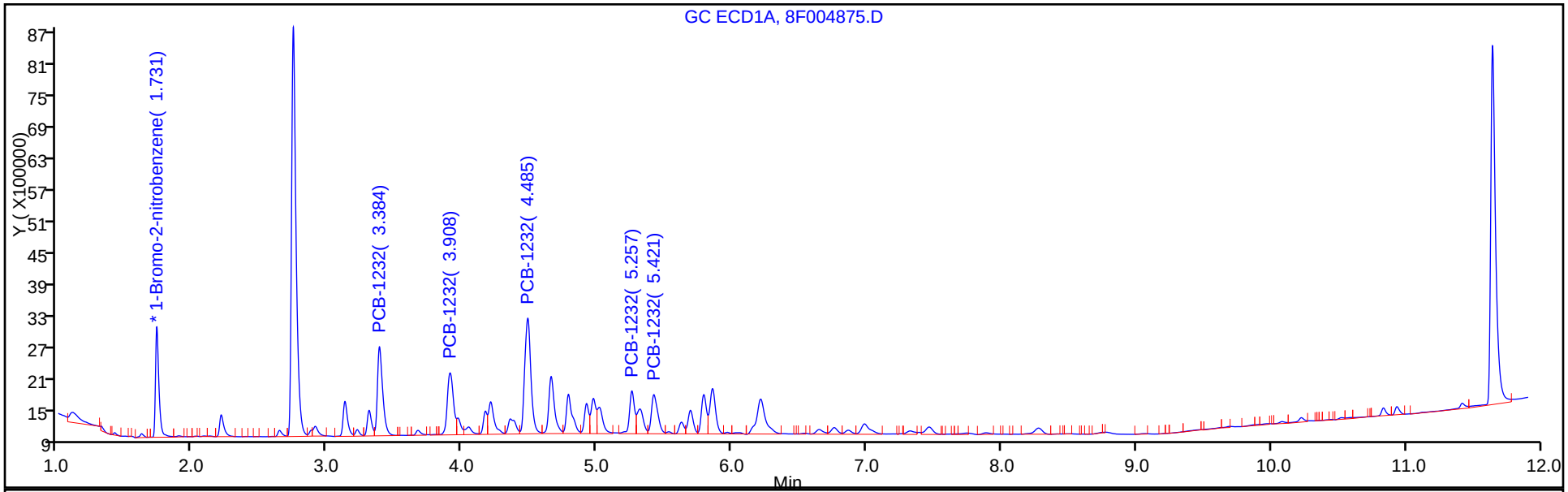
SG1232L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

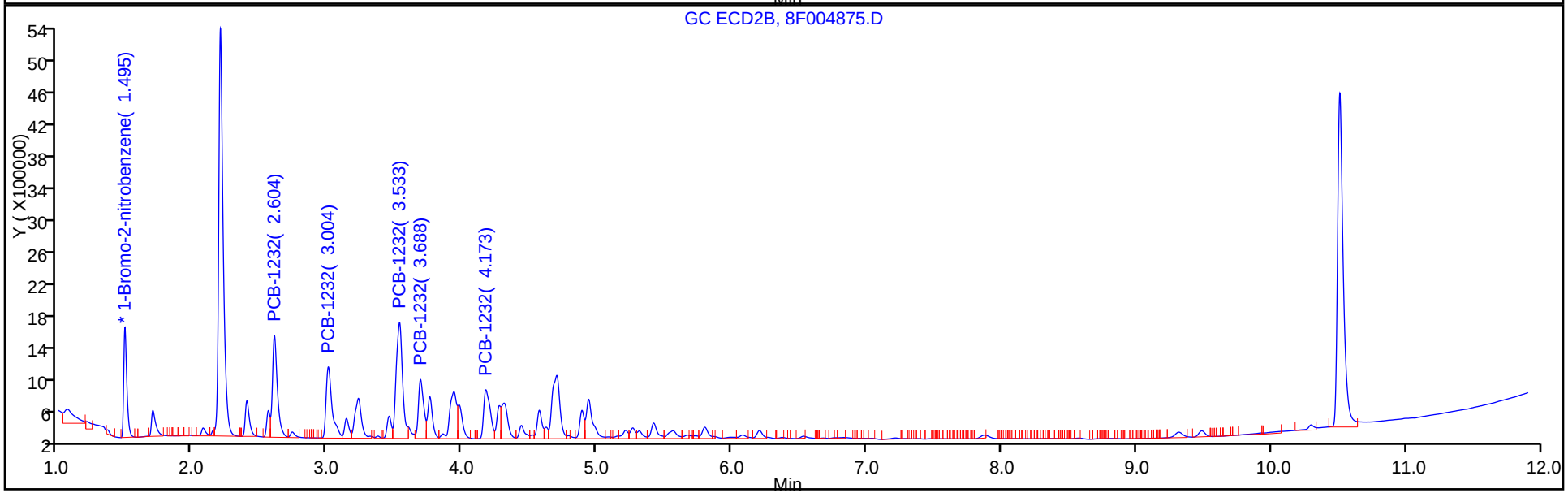
Report Date: 03-Aug-2015 14:44:42 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004875.D

Injection Date:	03-Aug-2015 12:51:51	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:09 Calibration End Date: 08/03/2015 13:09 Calibration ID: 51599

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/10	8F004876.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0171					Ave		0.0171						20.0			0.9900
PCB-1242 Peak 2	0.0360					Ave		0.0360						20.0			0.9900
PCB-1242 Peak 3	0.0672					Ave		0.0672						20.0			0.9900
PCB-1242 Peak 4	0.0308					Ave		0.0308						20.0			0.9900
PCB-1242 Peak 5	0.0287					Ave		0.0287						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:09 Calibration End Date: 08/03/2015 13:09 Calibration ID: 51599

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/10	8F004876.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	3187318					1000				
PCB-1242 Peak 2	BNB	Ave	6708298					1000				
PCB-1242 Peak 3	BNB	Ave	12530605					1000				
PCB-1242 Peak 4	BNB	Ave	5744192					1000				
PCB-1242 Peak 5	BNB	Ave	5359892					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004876.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:09:02 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-010
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:43 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:11:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3728972	20.0	20.0	
2	1.494	1.494	0.000	2631167	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.384	3.384	0.000	3187318	1000.0	1000.0	a
1	3.909	3.909	0.000	6708298	1000.0	1000.0	M
1	4.485	4.485	0.000	12530605	1000.0	1000.0	M
1	4.658	4.658	0.000	5744192	1000.0	1000.0	M
1	5.856	5.856	0.000	5359892	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.604	2.604	0.000	2352249	1000.0	1000.0	M
2	3.004	3.004	0.000	4569036	1000.0	1000.0	M
2	3.533	3.533	0.000	9001175	1000.0	1000.0	M
2	3.689	3.689	0.000	3617519	1000.0	1000.0	M
2	4.174	4.174	0.000	4049698	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

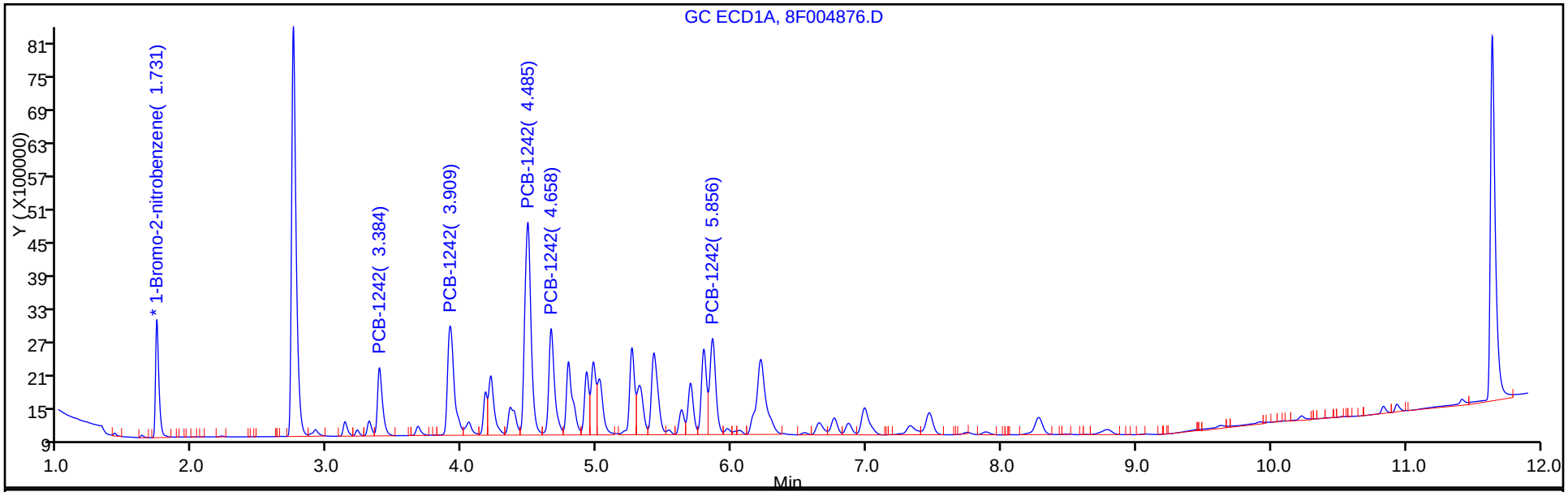
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

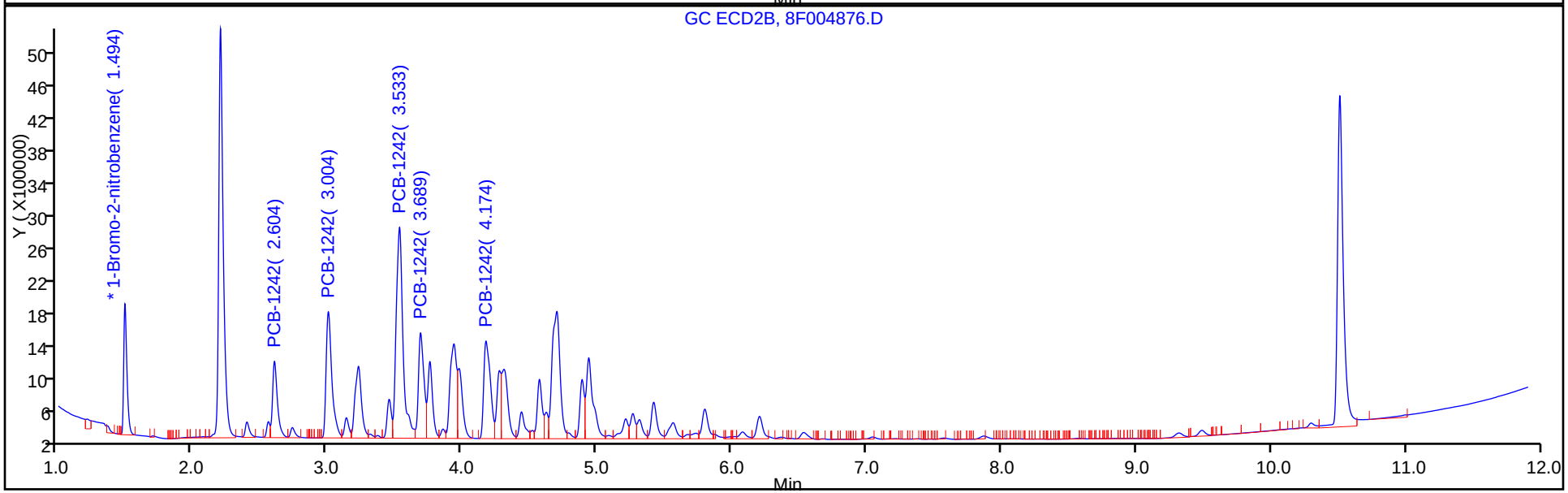
Report Date: 03-Aug-2015 14:44:46 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004876.D

Injection Date:	03-Aug-2015 13:09:02	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:09 Calibration End Date: 08/03/2015 13:09 Calibration ID: 51600

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/10	8F004876.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0179					Ave		0.0179						20.0			0.9900
PCB-1242 Peak 2	0.0347					Ave		0.0347						20.0			0.9900
PCB-1242 Peak 3	0.0684					Ave		0.0684						20.0			0.9900
PCB-1242 Peak 4	0.0275					Ave		0.0275						20.0			0.9900
PCB-1242 Peak 5	0.0308					Ave		0.0308						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:09 Calibration End Date: 08/03/2015 13:09 Calibration ID: 51600

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/10	8F004876.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	2352249					1000				
PCB-1242 Peak 2	BNB	Ave	4569036					1000				
PCB-1242 Peak 3	BNB	Ave	9001175					1000				
PCB-1242 Peak 4	BNB	Ave	3617519					1000				
PCB-1242 Peak 5	BNB	Ave	4049698					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004876.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:09:02 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-010
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:43 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:11:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3728972	20.0	20.0	
2	1.494	1.494	0.000	2631167	20.0	20.0	
						RPD = 0.00	
4 PCB-1242							M
1	3.384	3.384	0.000	3187318	1000.0	1000.0	a
1	3.909	3.909	0.000	6708298	1000.0	1000.0	M
1	4.485	4.485	0.000	12530605	1000.0	1000.0	M
1	4.658	4.658	0.000	5744192	1000.0	1000.0	M
1	5.856	5.856	0.000	5359892	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.604	2.604	0.000	2352249	1000.0	1000.0	M
2	3.004	3.004	0.000	4569036	1000.0	1000.0	M
2	3.533	3.533	0.000	9001175	1000.0	1000.0	M
2	3.689	3.689	0.000	3617519	1000.0	1000.0	M
2	4.174	4.174	0.000	4049698	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

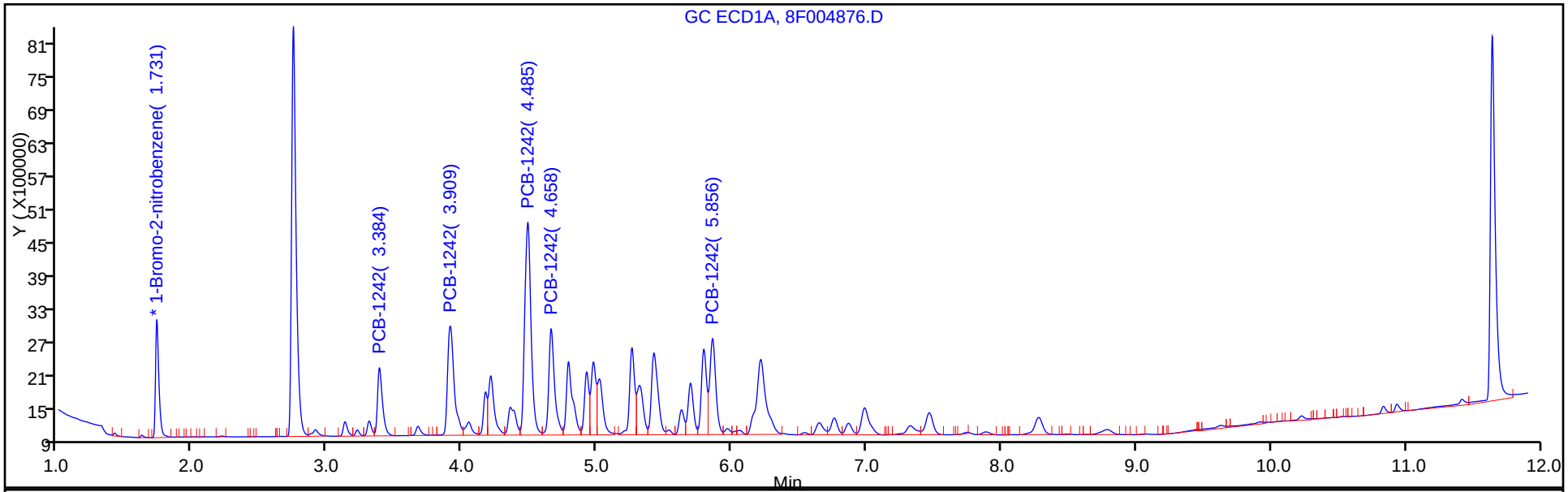
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

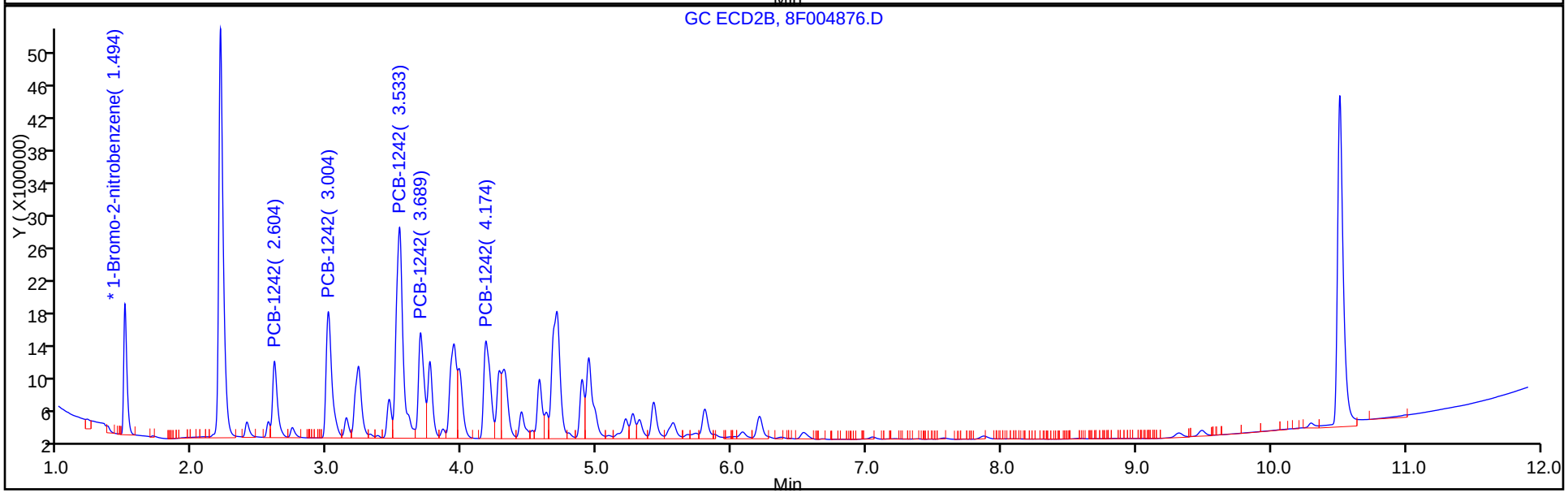
Report Date: 03-Aug-2015 14:44:46 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004876.D

Injection Date:	03-Aug-2015 13:09:02	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:26 Calibration End Date: 08/03/2015 13:26 Calibration ID: 51605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/11	8F004877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0206					Ave		0.0206						20.0			0.9900
PCB-1248 Peak 2	0.0479					Ave		0.0479						20.0			0.9900
PCB-1248 Peak 3	0.0259					Ave		0.0259						20.0			0.9900
PCB-1248 Peak 4	0.0398					Ave		0.0398						20.0			0.9900
PCB-1248 Peak 5	0.0517					Ave		0.0517						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:26 Calibration End Date: 08/03/2015 13:26 Calibration ID: 51605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/11	8F004877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	3726837					1000				
PCB-1248 Peak 2	BNB	Ave	8673561					1000				
PCB-1248 Peak 3	BNB	Ave	4702077					1000				
PCB-1248 Peak 4	BNB	Ave	7222128					1000				
PCB-1248 Peak 5	BNB	Ave	9363452					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004877.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:26:20 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-011
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:47 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:10:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.732	1.732	0.000	3625260	20.0	20.0	
2	1.494	1.494	0.000	2152657	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.907	3.907	0.000	3726837	1000.0	1000.0	M
1	4.483	4.483	0.000	8673561	1000.0	1000.0	M
1	4.921	4.921	0.000	4702077	1000.0	1000.0	M
1	5.792	5.792	0.000	7222128	1000.0	1000.0	M
1	5.856	5.856	0.000	9363452	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.003	3.003	0.000	2538179	1000.0	1000.0	a
2	3.532	3.532	0.000	5576137	1000.0	1000.0	M
2	4.174	4.174	0.000	6179817	1000.0	1000.0	M
2	4.698	4.698	0.000	10771975	1000.0	1000.0	M
2	4.938	4.938	0.000	6733202	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

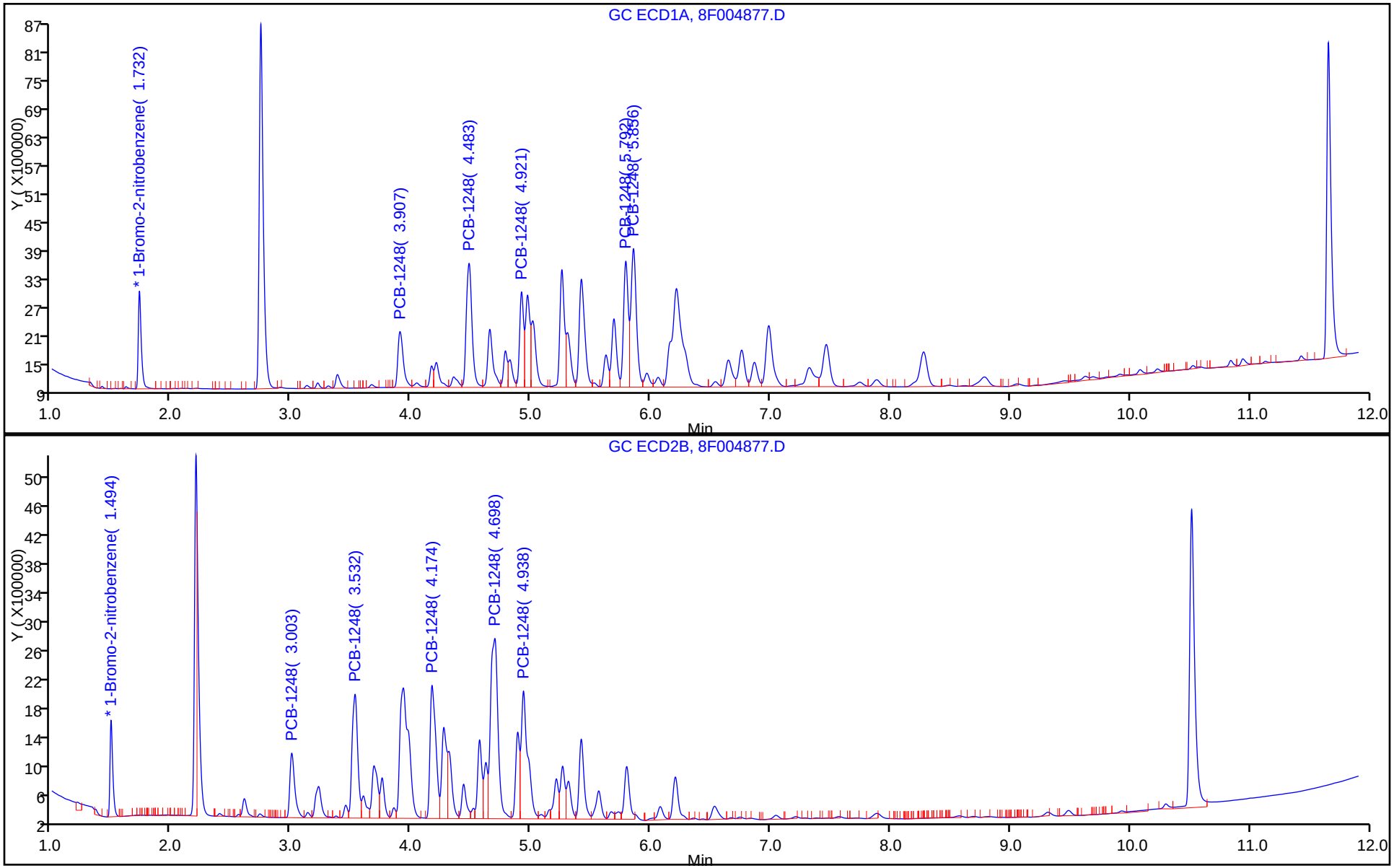
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004877.D

Injection Date:	03-Aug-2015 13:26:20	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:26 Calibration End Date: 08/03/2015 13:26 Calibration ID: 51606

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/11	8F004877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0236					Ave		0.0236						20.0			0.9900
PCB-1248 Peak 2	0.0518					Ave		0.0518						20.0			0.9900
PCB-1248 Peak 3	0.0574					Ave		0.0574						20.0			0.9900
PCB-1248 Peak 4	0.1001					Ave		0.1001						20.0			0.9900
PCB-1248 Peak 5	0.0626					Ave		0.0626						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:26 Calibration End Date: 08/03/2015 13:26 Calibration ID: 51606

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/11	8F004877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	2538179					1000				
PCB-1248 Peak 2	BNB	Ave	5576137					1000				
PCB-1248 Peak 3	BNB	Ave	6179817					1000				
PCB-1248 Peak 4	BNB	Ave	10771975					1000				
PCB-1248 Peak 5	BNB	Ave	6733202					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004877.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:26:20 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-011
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:47 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:10:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.732	1.732	0.000	3625260	20.0	20.0	
2	1.494	1.494	0.000	2152657	20.0	20.0	
						RPD = 0.00	
6 PCB-1248							M
1	3.907	3.907	0.000	3726837	1000.0	1000.0	M
1	4.483	4.483	0.000	8673561	1000.0	1000.0	M
1	4.921	4.921	0.000	4702077	1000.0	1000.0	M
1	5.792	5.792	0.000	7222128	1000.0	1000.0	M
1	5.856	5.856	0.000	9363452	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	3.003	3.003	0.000	2538179	1000.0	1000.0	a
2	3.532	3.532	0.000	5576137	1000.0	1000.0	M
2	4.174	4.174	0.000	6179817	1000.0	1000.0	M
2	4.698	4.698	0.000	10771975	1000.0	1000.0	M
2	4.938	4.938	0.000	6733202	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

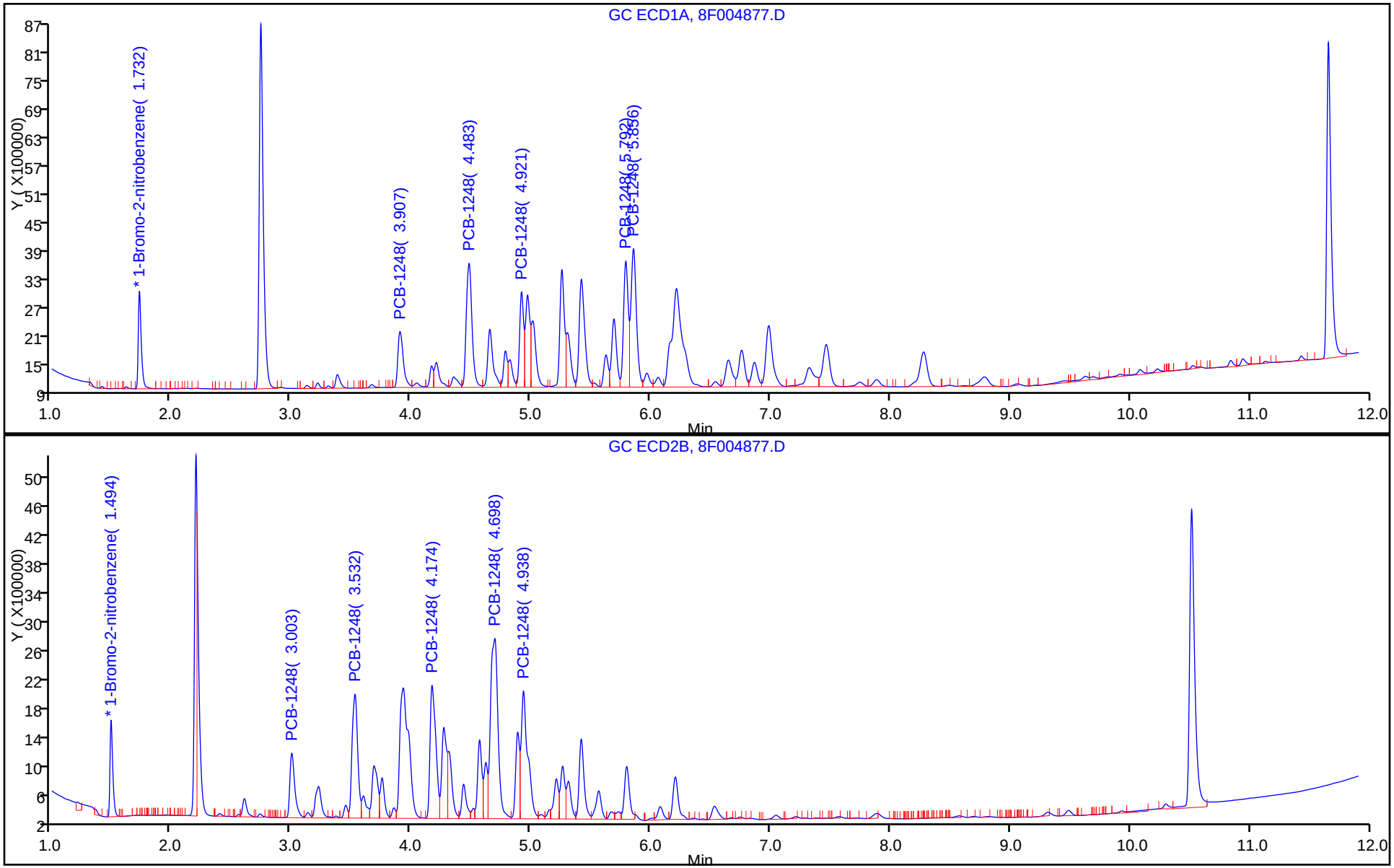
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:50 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004877.D

Injection Date:	03-Aug-2015 13:26:20	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:43 Calibration End Date: 08/03/2015 13:43 Calibration ID: 51611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/12	8F004878.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0507					Ave		0.0507						20.0			0.9900
PCB-1254 Peak 2	0.0569					Ave		0.0569						20.0			0.9900
PCB-1254 Peak 3	0.0430					Ave		0.0430						20.0			0.9900
PCB-1254 Peak 4	0.0884					Ave		0.0884						20.0			0.9900
PCB-1254 Peak 5	0.0853					Ave		0.0853						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:43 Calibration End Date: 08/03/2015 13:43 Calibration ID: 51611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/12	8F004878.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	9082873					1000				
PCB-1254 Peak 2	BNB	Ave	10184673					1000				
PCB-1254 Peak 3	BNB	Ave	7700349					1000				
PCB-1254 Peak 4	BNB	Ave	15819588					1000				
PCB-1254 Peak 5	BNB	Ave	15275962					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004878.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:43:32 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-012
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:51 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:08:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3580810	20.0	20.0	
2	1.494	1.494	0.000	2025279	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.850	5.850	0.000	9082873	1000.0	1000.0	M
1	6.160	6.160	0.000	10184673	1000.0	1000.0	M
1	6.760	6.760	0.000	7700349	1000.0	1000.0	M
1	6.986	6.986	0.000	15819588	1000.0	1000.0	M
1	8.790	8.790	0.000	15275962	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.265	5.265	0.000	6105351	1000.0	1000.0	M
2	5.420	5.420	0.000	10784449	1000.0	1000.0	M
2	5.801	5.801	0.000	8209700	1000.0	1000.0	M
2	6.082	6.082	0.000	7244055	1000.0	1000.0	a
2	6.536	6.536	0.000	10125494	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

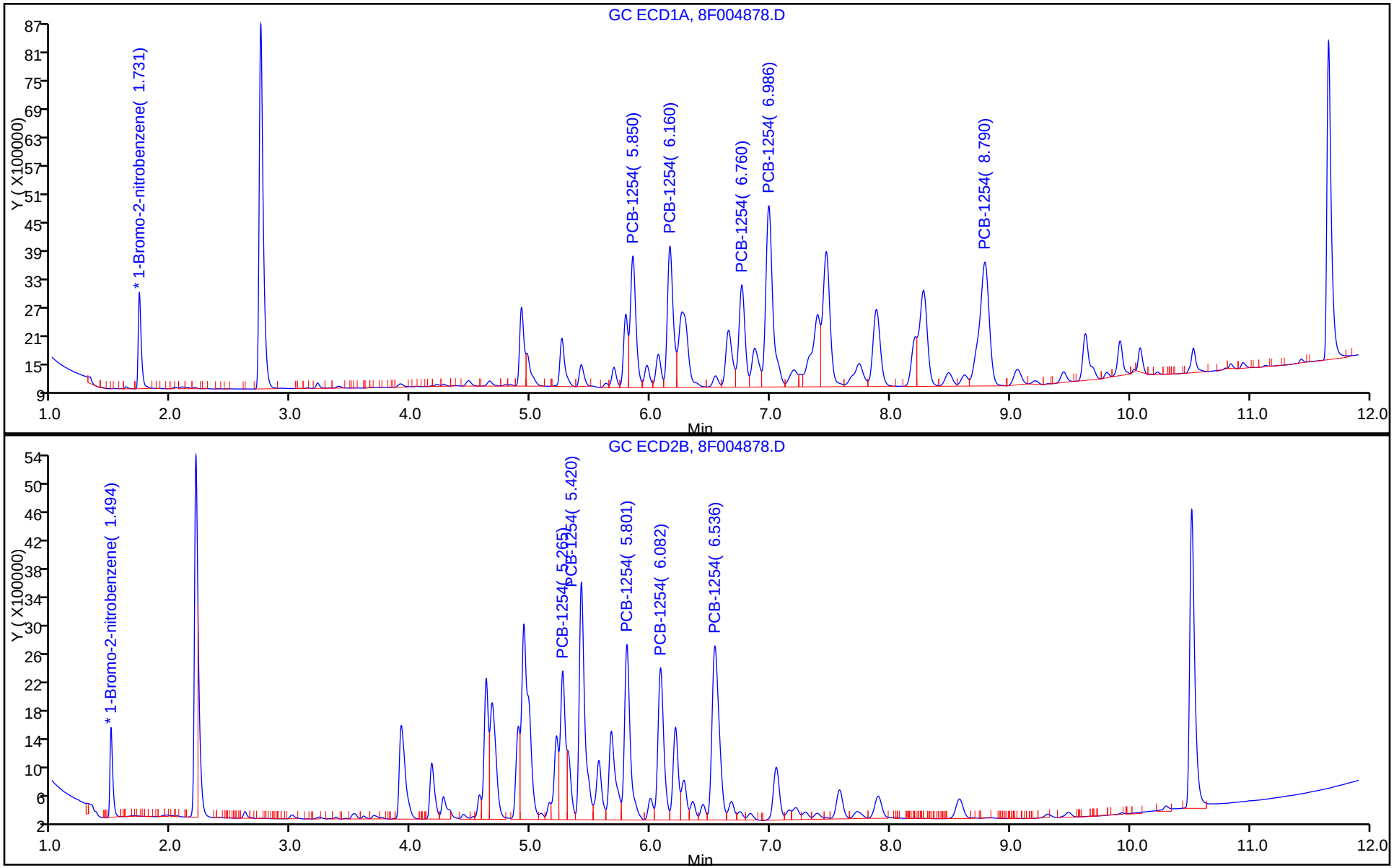
SG1254L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:53 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004878.D

Injection Date:	03-Aug-2015 13:43:32	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:43 Calibration End Date: 08/03/2015 13:43 Calibration ID: 51612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/12	8F004878.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0603					Ave		0.0603						20.0			0.9900
PCB-1254 Peak 2	0.1065					Ave		0.1065						20.0			0.9900
PCB-1254 Peak 3	0.0811					Ave		0.0811						20.0			0.9900
PCB-1254 Peak 4	0.0715					Ave		0.0715						20.0			0.9900
PCB-1254 Peak 5	0.1000					Ave		0.1000						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 13:43 Calibration End Date: 08/03/2015 13:43 Calibration ID: 51612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/12	8F004878.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	6105351					1000				
PCB-1254 Peak 2	BNB	Ave	10784449					1000				
PCB-1254 Peak 3	BNB	Ave	8209700					1000				
PCB-1254 Peak 4	BNB	Ave	7244055					1000				
PCB-1254 Peak 5	BNB	Ave	10125494					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004878.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 13:43:32 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-012
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:51 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:08:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3580810	20.0	20.0	
2	1.494	1.494	0.000	2025279	20.0	20.0	
						RPD = 0.00	
7 PCB-1254							M
1	5.850	5.850	0.000	9082873	1000.0	1000.0	M
1	6.160	6.160	0.000	10184673	1000.0	1000.0	M
1	6.760	6.760	0.000	7700349	1000.0	1000.0	M
1	6.986	6.986	0.000	15819588	1000.0	1000.0	M
1	8.790	8.790	0.000	15275962	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.265	5.265	0.000	6105351	1000.0	1000.0	M
2	5.420	5.420	0.000	10784449	1000.0	1000.0	M
2	5.801	5.801	0.000	8209700	1000.0	1000.0	M
2	6.082	6.082	0.000	7244055	1000.0	1000.0	a
2	6.536	6.536	0.000	10125494	1000.0	1000.0	a
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

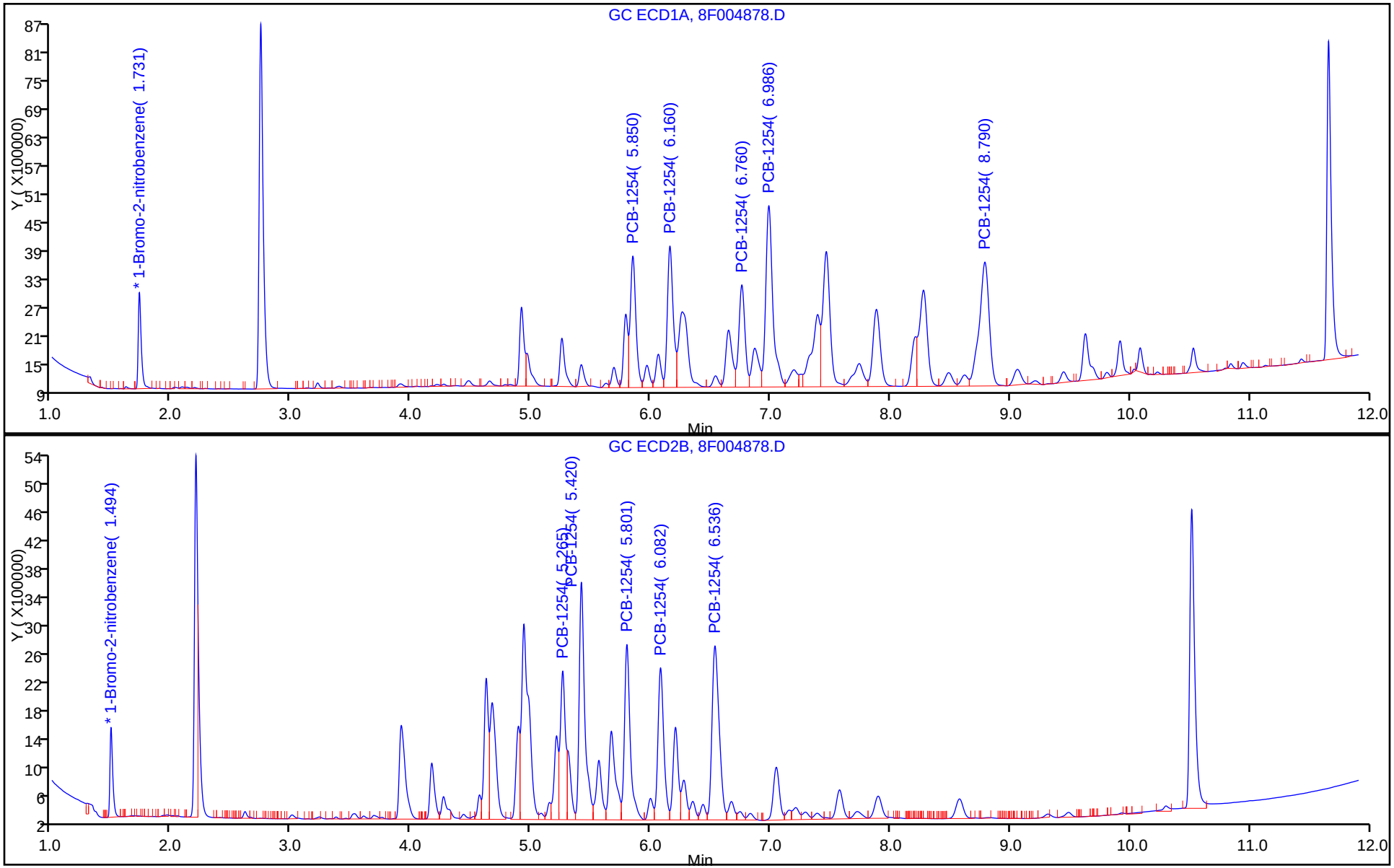
SG1254L3_00025	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004878.D

Injection Date:	03-Aug-2015 13:43:32	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:00 Calibration End Date: 08/03/2015 14:00 Calibration ID: 51617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/13	8F004879.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0532					Ave		0.0532						20.0			0.9900
PCB-1262 Peak 2	0.0621					Ave		0.0621						20.0			0.9900
PCB-1262 Peak 3	0.0907					Ave		0.0907						20.0			0.9900
PCB-1262 Peak 4	0.0878					Ave		0.0878						20.0			0.9900
PCB-1262 Peak 5	0.0522					Ave		0.0522						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:00 Calibration End Date: 08/03/2015 14:00 Calibration ID: 51617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/13	8F004879.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	9399412					1000				
PCB-1262 Peak 2	BNB	Ave	10979363					1000				
PCB-1262 Peak 3	BNB	Ave	16026453					1000				
PCB-1262 Peak 4	BNB	Ave	15514110					1000				
PCB-1262 Peak 5	BNB	Ave	9217306					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004879.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 14:00:41 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-013
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:55 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:16:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3533809	20.0	20.0	
2	1.494	1.494	0.000	2423888	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.393	7.393	0.000	9399412	1000.0	1000.0	M
1	7.884	7.884	0.000	10979363	1000.0	1000.0	M
1	9.056	9.056	0.000	16026453	1000.0	1000.0	M
1	10.524	10.524	0.000	15514110	1000.0	1000.0	M
1	11.126	11.126	0.000	9217306	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.670	5.670	0.000	6475164	1000.0	1000.0	M
2	6.749	6.749	0.000	10123839	1000.0	1000.0	M
2	8.577	8.577	0.000	6708247	1000.0	1000.0	a
2	8.811	8.811	0.000	8546162	1000.0	1000.0	a
2	9.933	9.933	0.000	6007238	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

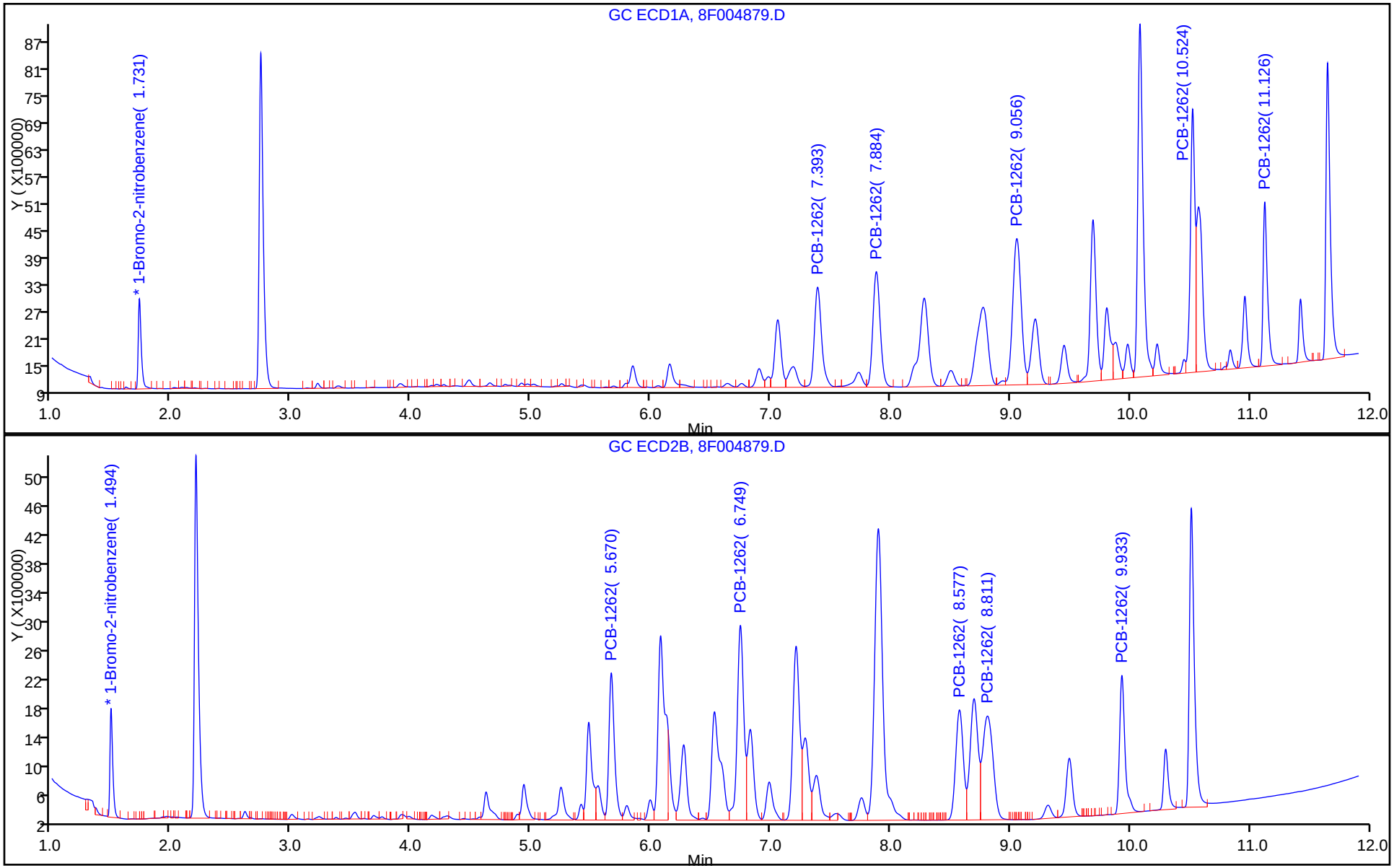
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:44:57 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004879.D

Injection Date:	03-Aug-2015 14:00:41	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:00 Calibration End Date: 08/03/2015 14:00 Calibration ID: 51618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/13	8F004879.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0534					Ave		0.0534						20.0			0.9900
PCB-1262 Peak 2	0.0835					Ave		0.0835						20.0			0.9900
PCB-1262 Peak 3	0.0554					Ave		0.0554						20.0			0.9900
PCB-1262 Peak 4	0.0705					Ave		0.0705						20.0			0.9900
PCB-1262 Peak 5	0.0496					Ave		0.0496						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:00 Calibration End Date: 08/03/2015 14:00 Calibration ID: 51618

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/13	8F004879.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	6475164					1000				
PCB-1262 Peak 2	BNB	Ave	10123839					1000				
PCB-1262 Peak 3	BNB	Ave	6708247					1000				
PCB-1262 Peak 4	BNB	Ave	8546162					1000				
PCB-1262 Peak 5	BNB	Ave	6007238					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004879.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 14:00:41 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-013
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:55 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:16:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3533809	20.0	20.0	
2	1.494	1.494	0.000	2423888	20.0	20.0	
						RPD = 0.00	
9 PCB-1262							M
1	7.393	7.393	0.000	9399412	1000.0	1000.0	M
1	7.884	7.884	0.000	10979363	1000.0	1000.0	M
1	9.056	9.056	0.000	16026453	1000.0	1000.0	M
1	10.524	10.524	0.000	15514110	1000.0	1000.0	M
1	11.126	11.126	0.000	9217306	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.670	5.670	0.000	6475164	1000.0	1000.0	M
2	6.749	6.749	0.000	10123839	1000.0	1000.0	M
2	8.577	8.577	0.000	6708247	1000.0	1000.0	a
2	8.811	8.811	0.000	8546162	1000.0	1000.0	a
2	9.933	9.933	0.000	6007238	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

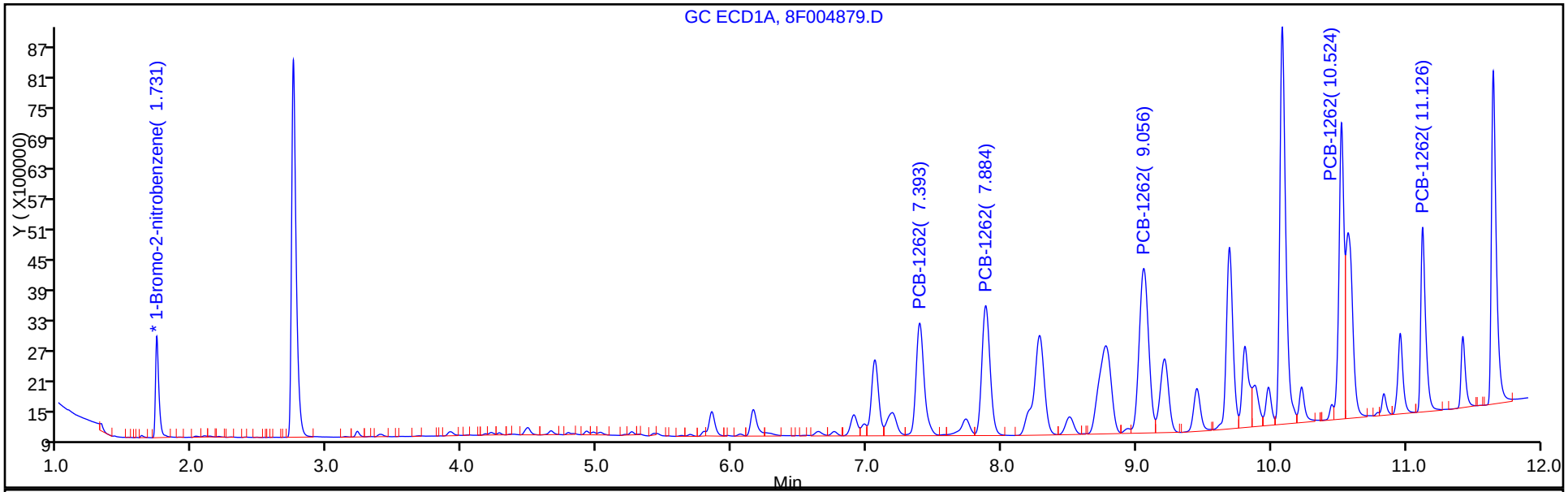
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

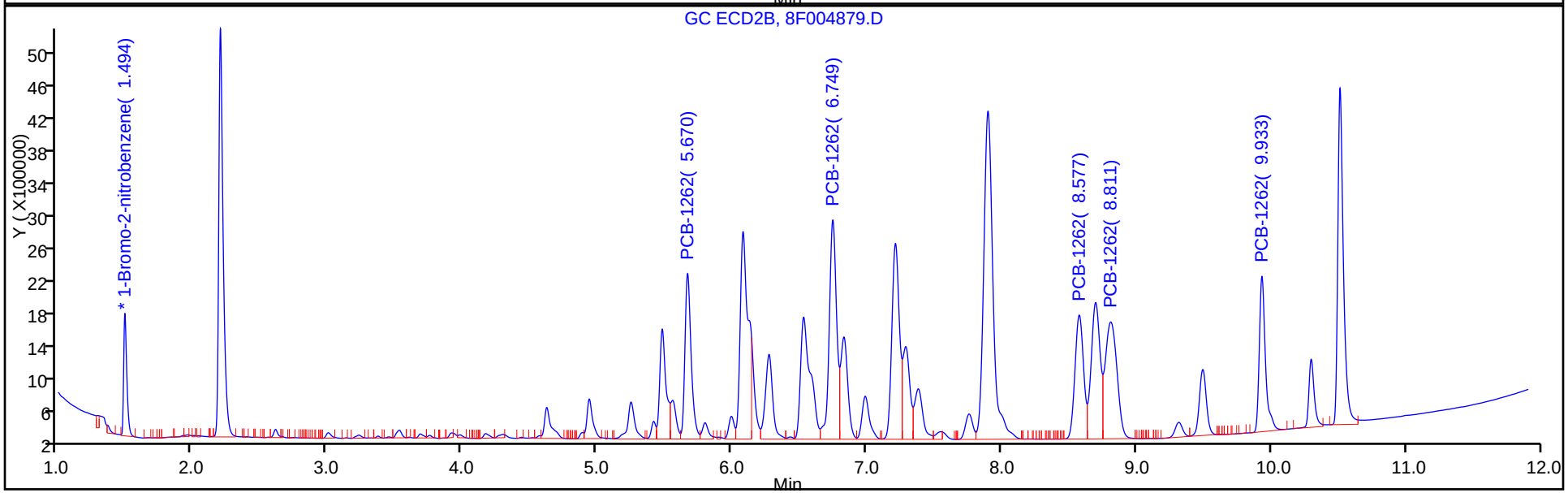
Report Date: 03-Aug-2015 14:44:58 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004879.D

Injection Date:	03-Aug-2015 14:00:41	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:18 Calibration End Date: 08/03/2015 14:18 Calibration ID: 51623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/14	8F004880.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1289					Ave		0.1289						20.0			0.9900
PCB-1268 Peak 2	0.1714					Ave		0.1714						20.0			0.9900
PCB-1268 Peak 3	0.1256					Ave		0.1256						20.0			0.9900
PCB-1268 Peak 4	0.0541					Ave		0.0541						20.0			0.9900
PCB-1268 Peak 5	0.3256					Ave		0.3256						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:18 Calibration End Date: 08/03/2015 14:18 Calibration ID: 51623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/14	8F004880.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	22976152					1000				
PCB-1268 Peak 2	BNB	Ave	30549647					1000				
PCB-1268 Peak 3	BNB	Ave	22398575					1000				
PCB-1268 Peak 4	BNB	Ave	9650579					1000				
PCB-1268 Peak 5	BNB	Ave	58037847					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 14:18:39 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-014
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:59 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:42:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3565412	20.0	20.0	
2	1.494	1.494	0.000	2096144	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	10.529	10.529	0.000	22976152	1000.0	1000.0	M
1	10.577	10.577	0.000	30549647	1000.0	1000.0	M
1	10.848	10.848	0.000	22398575	1000.0	1000.0	M
1	11.136	11.136	0.000	9650579	1000.0	1000.0	M
1	11.438	11.438	0.000	58037847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	8.700	8.700	0.000	19834094	1000.0	1000.0	M
2	8.800	8.800	0.000	19953081	1000.0	1000.0	M
2	9.319	9.319	0.000	15685024	1000.0	1000.0	a
2	9.936	9.936	0.000	6326590	1000.0	1000.0	M
2	10.305	10.305	0.000	38089606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

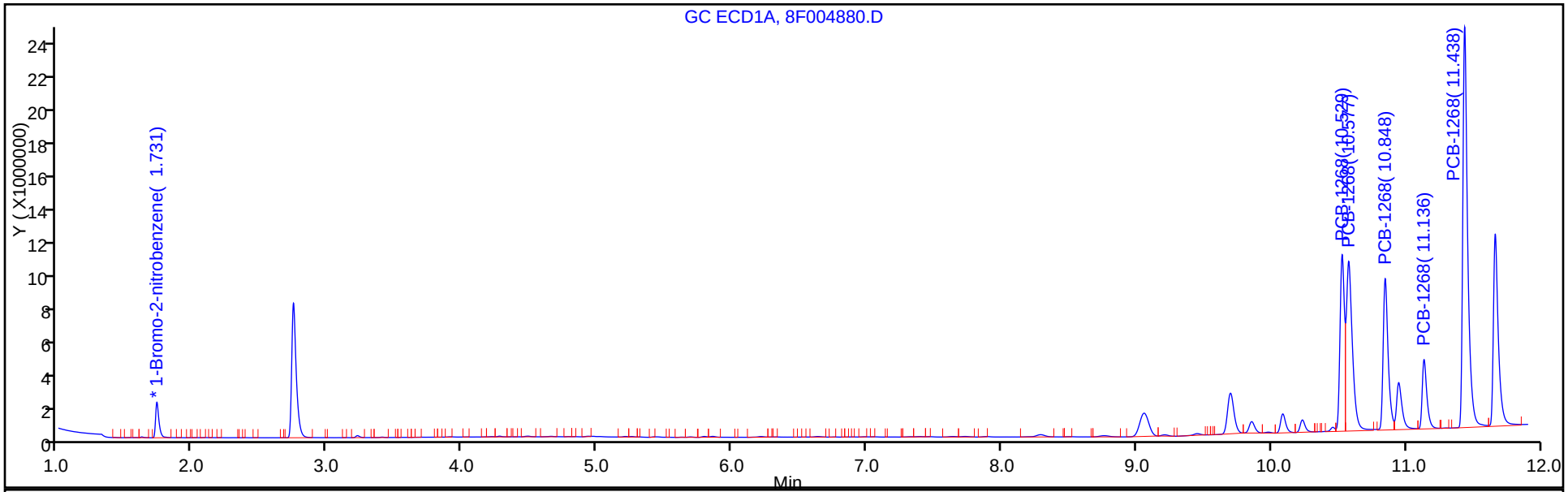
SG1268L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

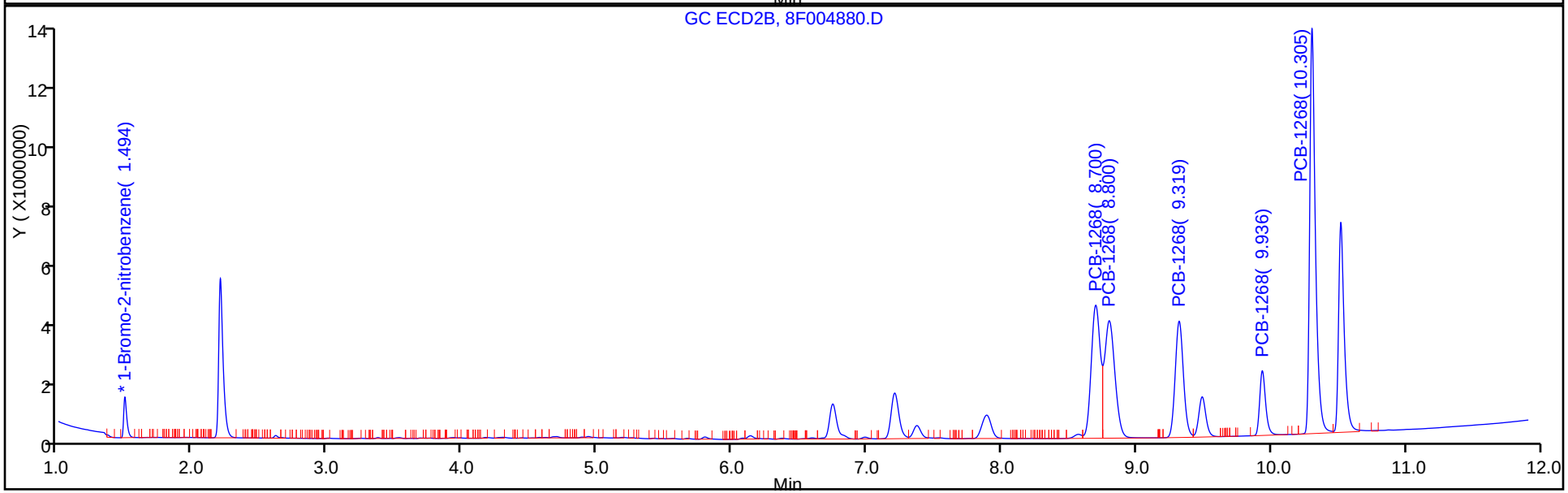
Report Date: 03-Aug-2015 14:45:01 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Injection Date:	03-Aug-2015 14:18:39	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:18 Calibration End Date: 08/03/2015 14:18 Calibration ID: 51624

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/14	8F004880.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1892					Ave		0.1892						20.0			0.9900
PCB-1268 Peak 2	0.1904					Ave		0.1904						20.0			0.9900
PCB-1268 Peak 3	0.1497					Ave		0.1497						20.0			0.9900
PCB-1268 Peak 4	0.0604					Ave		0.0604						20.0			0.9900
PCB-1268 Peak 5	0.3634					Ave		0.3634						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 314286

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2015 14:18 Calibration End Date: 08/03/2015 14:18 Calibration ID: 51624

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-314286/14	8F004880.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	19834094					1000				
PCB-1268 Peak 2	BNB	Ave	19953081					1000				
PCB-1268 Peak 3	BNB	Ave	15685024					1000				
PCB-1268 Peak 4	BNB	Ave	6326590					1000				
PCB-1268 Peak 5	BNB	Ave	38089606					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 03-Aug-2015 14:18:39 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0030341-014
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 03-Aug-2015 14:44:59 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 03-Aug-2015 14:42:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.731	1.731	0.000	3565412	20.0	20.0	
2	1.494	1.494	0.000	2096144	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	10.529	10.529	0.000	22976152	1000.0	1000.0	M
1	10.577	10.577	0.000	30549647	1000.0	1000.0	M
1	10.848	10.848	0.000	22398575	1000.0	1000.0	M
1	11.136	11.136	0.000	9650579	1000.0	1000.0	M
1	11.438	11.438	0.000	58037847	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	8.700	8.700	0.000	19834094	1000.0	1000.0	M
2	8.800	8.800	0.000	19953081	1000.0	1000.0	M
2	9.319	9.319	0.000	15685024	1000.0	1000.0	a
2	9.936	9.936	0.000	6326590	1000.0	1000.0	M
2	10.305	10.305	0.000	38089606	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

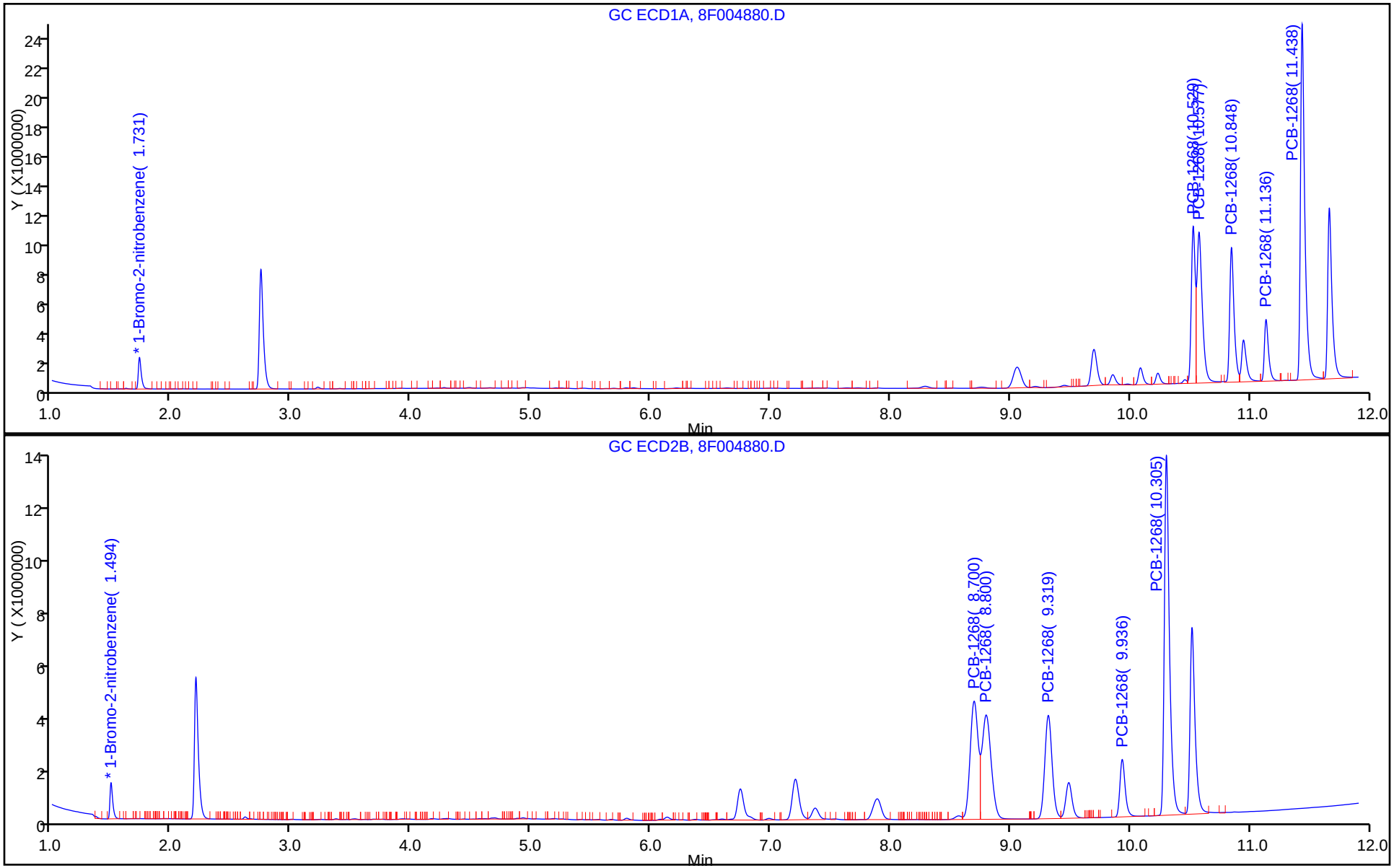
SG1268L3_00022	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 03-Aug-2015 14:45:02 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Injection Date:	03-Aug-2015 14:18:39	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0262	0.0214	0.0258	0.0238	0.0248	Ave		0.0244				7.9		20.0			0.9900
PCB-1016 Peak 2	0.0496	0.0471	0.0566	0.0517	0.0526	Ave		0.0515				6.9		20.0			0.9900
PCB-1016 Peak 3	0.0918	0.0763	0.0903	0.0902	0.0943	Ave		0.0886				8.0		20.0			0.9900
PCB-1016 Peak 4	0.0333	0.0234	0.0282	0.0279	0.0277	Ave		0.0281				12.5		20.0			0.9900
PCB-1016 Peak 5	0.0331	0.0270	0.0326	0.0342	0.0345	Ave		0.0323				9.4		20.0			0.9900
PCB-1260 Peak 1	0.0587	0.0560	0.0665	0.0674	0.0643	Ave		0.0626				8.0		20.0			0.9900
PCB-1260 Peak 2	0.0702	0.0631	0.0753	0.0762	0.0747	Ave		0.0719				7.6		20.0			0.9900
PCB-1260 Peak 3	0.0402	0.0398	0.0459	0.0468	0.0486	Ave		0.0443				9.1		20.0			0.9900
PCB-1260 Peak 4	0.0808	0.0805	0.0954	0.0973	0.1007	Ave		0.0909				10.6		20.0			0.9900
PCB-1260 Peak 5	0.0237	0.0208	0.0243	0.0251	0.0262	Ave		0.0240				8.4		20.0			0.9900
Tetrachloro-m-xylene	0.7413	0.7755	1.0177	1.0034	1.0897	Ave		0.9255				16.9		20.0			0.9900
DCB Decachlorobiphenyl	0.7921	0.8063	0.9689	0.9057	0.9756	Ave		0.8897				9.8		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52510

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	IS REF	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	BNB	Ave	128499	1042454	1918289	2655979	4297716	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	243337	2293720	4207187	5762709	9097501	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	450222	3714707	6712458	10056370	16309216	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	163346	1141175	2093042	3107459	4793343	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	162584	1314509	2421582	3811673	5963139	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	288071	2726157	4944903	7514237	11126952	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	344072	3073139	5592927	8499171	12929633	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	197277	1936136	3411939	5219104	8402219	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	396085	3920205	7090577	10849729	17428287	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	116218	1014778	1808151	2796598	4539751	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	908971	3776015	7563601	11185847	15083208	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	971267	3925941	7200766	10096553	13504761	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Sep-2015 09:47:33 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:02 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1961861	20.0	20.0	M
2	1.441	1.441	0.000	2771031	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.640	2.643	-0.003	908971	12.5	10.0	M
2	2.125	2.128	-0.003	1525649	12.5	11.3	M
						RPD = 12.49	
5 PCB-1016							M
1	3.264	3.266	-0.002	128499	50.0	53.7	M
1	3.779	3.782	-0.003	243337	50.0	48.1	M
1	4.345	4.348	-0.003	450222	50.0	51.8	M
1	5.107	5.109	-0.002	163346	50.0	59.3	M
1	5.258	5.262	-0.004	162584	50.0	51.4	M
		Average of Peak Amounts =				52.8	
2	2.520	2.522	-0.002	189489	50.0	52.6	M
2	2.913	2.916	-0.003	371328	50.0	52.6	M
2	3.434	3.438	-0.004	689697	50.0	52.4	M
2	3.589	3.592	-0.003	238153	50.0	48.4	M
2	4.070	4.073	-0.003	303601	50.0	57.2	M
		Average of Peak Amounts =				52.6	
						RPD = 0.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.917	6.920	-0.003	288071	50.0	46.9	M
1	7.299	7.302	-0.003	344072	50.0	48.8	M
1	8.581	8.583	-0.002	197277	50.0	45.4	M
1	8.871	8.872	-0.001	396085	50.0	44.4	M
1	9.719	9.716	0.003	116218	50.0	49.3	M
		Average of Peak Amounts =				47.0	
2	5.524	5.525	-0.001	478984	50.0	55.8	M
2	6.816	6.820	-0.004	351359	50.0	50.4	M
2	7.354	7.359	-0.005	883622	50.0	54.6	M
2	7.900	7.905	-0.005	362069	50.0	45.9	M
2	8.792	8.794	-0.002	185432	50.0	45.4	M
		Average of Peak Amounts =				50.4	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	10.162	10.156	0.006	971267	12.5	11.1	M
2	9.250	9.249	0.001	1771649	12.5	12.5	M
						RPD = 11.46	
S 12 Polychlorinated biphenyls, Total							
1						99.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

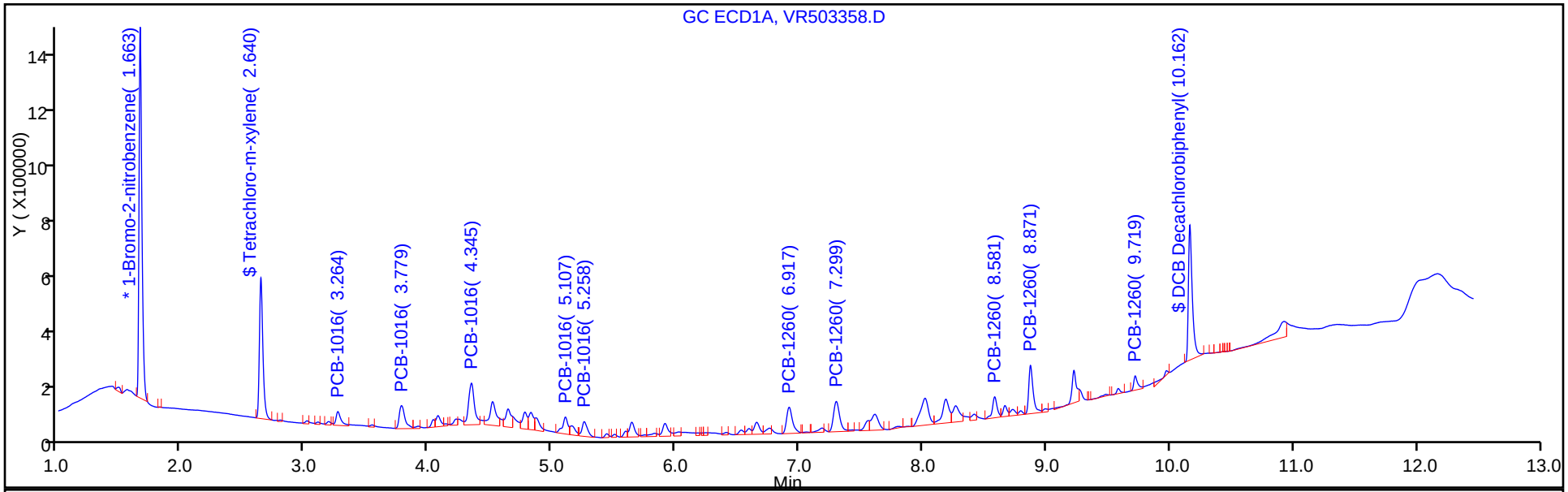
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

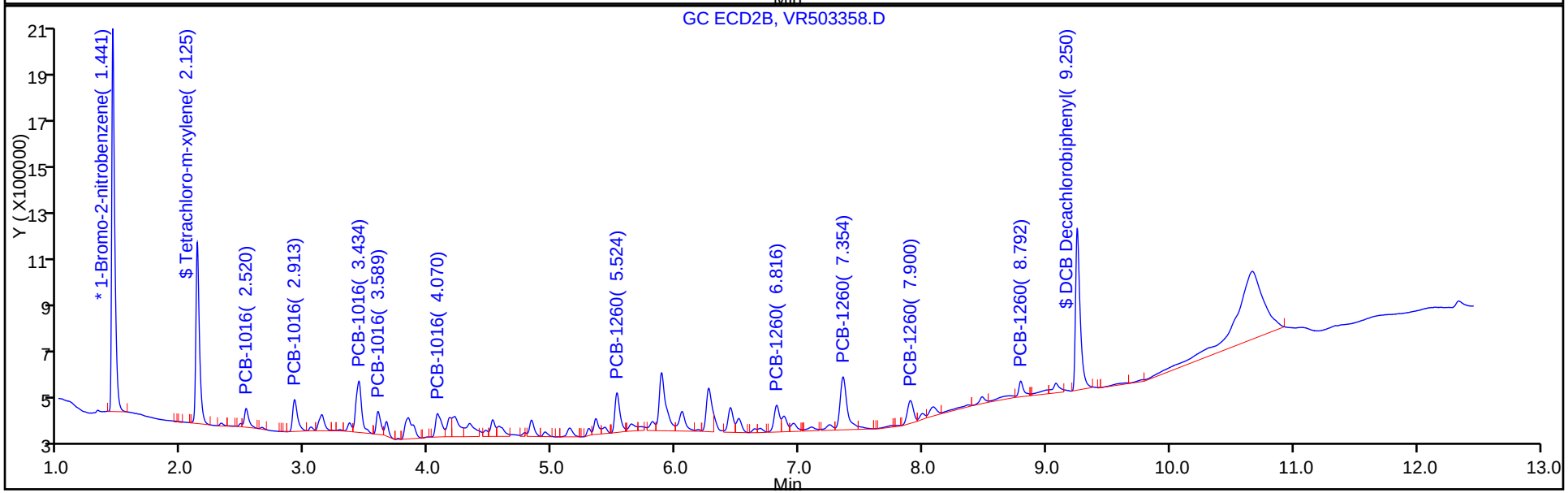
Report Date: 30-Sep-2015 15:34:07 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D

Injection Date:	30-Sep-2015 09:47:33	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Sep-2015 10:19:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-004
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:27 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486405	20.0	20.0	M
2	1.442	1.442	0.000	2557718	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	7563601	100.0	110.0	
2	2.128	2.128	0.000	12636097	100.0	101.8	M
						RPD = 7.70	
5 PCB-1016							M
1	3.266	3.266	0.000	1918289	1000.0	1057.1	M
1	3.782	3.782	0.000	4207187	1000.0	1098.8	M
1	4.348	4.348	0.000	6712458	1000.0	1019.7	M
1	5.109	5.109	0.000	2093042	1000.0	1002.4	M
1	5.262	5.262	0.000	2421582	1000.0	1009.5	M
		Average of Peak Amounts =				1037.5	
2	2.522	2.522	0.000	3396416	1000.0	1021.1	M
2	2.916	2.916	0.000	6797368	1000.0	1042.7	M
2	3.438	3.438	0.000	12929151	1000.0	1064.2	M
2	3.592	3.592	0.000	4826421	1000.0	1062.3	M
2	4.073	4.073	0.000	4407021	1000.0	899.1	M
		Average of Peak Amounts =				1017.9	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	4944903	1000.0	1063.0	M
1	7.302	7.302	0.000	5592927	1000.0	1046.7	M
1	8.583	8.583	0.000	3411939	1000.0	1037.4	M
1	8.872	8.872	0.000	7090577	1000.0	1049.0	M
1	9.716	9.716	0.000	1808151	1000.0	1012.1	
		Average of Peak Amounts =				1041.6	
2	5.525	5.525	0.000	7149929	1000.0	902.2	M
2	6.820	6.820	0.000	5694346	1000.0	885.4	M
2	7.359	7.359	0.000	13604414	1000.0	910.4	M
2	7.905	7.905	0.000	6653648	1000.0	914.2	
2	8.794	8.794	0.000	3781497	1000.0	1003.6	M
		Average of Peak Amounts =				923.2	
						RPD = 12.06	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	7200766	100.0	108.9	M
2	9.249	9.249	0.000	13122347	100.0	100.2	M
						RPD = 8.35	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

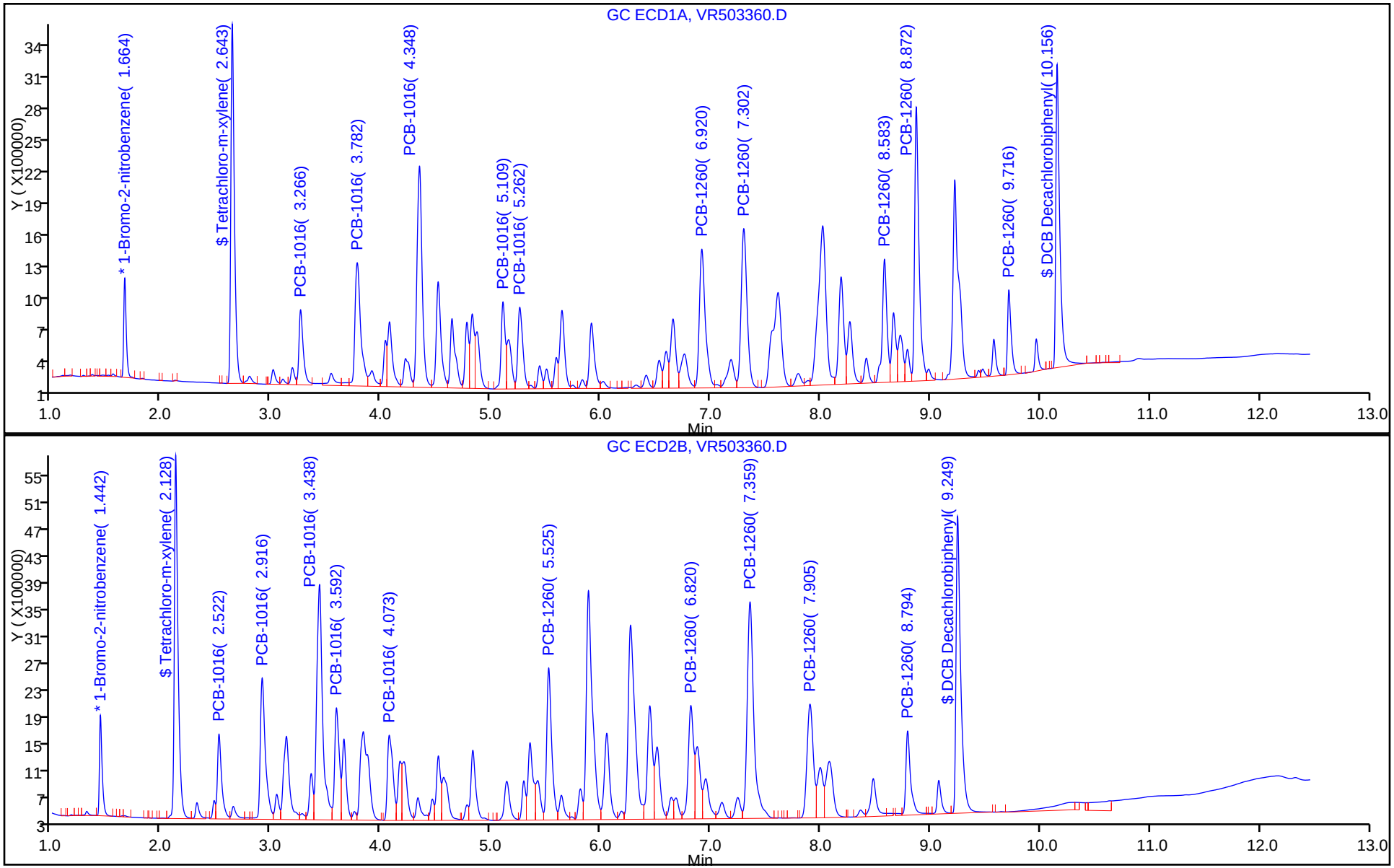
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:31 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D

Injection Date:	30-Sep-2015 10:19:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Sep-2015 10:34:54 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:36 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:04:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486346	20.0	20.0	
2	1.442	1.442	0.000	2496236	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	11185847	150.0	162.6	
2	2.128	2.128	0.000	18416962	150.0	152.0	M
						RPD = 6.73	
5 PCB-1016							M
1	3.266	3.266	0.000	2655979	1500.0	1463.7	
1	3.781	3.782	-0.001	5762709	1500.0	1505.1	M
1	4.349	4.348	0.001	10056370	1500.0	1527.7	M
1	5.109	5.109	0.000	3107459	1500.0	1488.2	
1	5.262	5.262	0.000	3811673	1500.0	1589.0	
		Average of Peak Amounts =				1514.7	
2	2.522	2.522	0.000	4528375	1500.0	1394.9	M
2	2.916	2.916	0.000	8099281	1500.0	1273.1	
2	3.438	3.438	0.000	16528449	1500.0	1393.9	M
2	3.592	3.592	0.000	6440990	1500.0	1452.6	M
2	4.073	4.073	0.000	6882426	1500.0	1438.7	
		Average of Peak Amounts =				1390.6	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	7514237	1500.0	1615.3	M
1	7.303	7.302	0.001	8499171	1500.0	1590.6	M
1	8.583	8.583	0.000	5219104	1500.0	1586.9	M
1	8.872	8.872	0.000	10849729	1500.0	1605.3	M
1	9.713	9.716	-0.003	2796598	1500.0	1565.5	
		Average of Peak Amounts =				1592.7	
2	5.526	5.525	0.001	11300615	1500.0	1461.1	M
2	6.821	6.820	0.001	9512742	1500.0	1515.5	M
2	7.360	7.359	0.001	20462913	1500.0	1403.2	M
2	7.906	7.905	0.001	10207656	1500.0	1437.1	M
2	8.794	8.794	0.000	5312620	1500.0	1444.6	
		Average of Peak Amounts =				1452.3	
						RPD = 9.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.153	10.156	-0.003	10096553	150.0	152.7	
2	9.247	9.249	-0.002	17784697	150.0	139.1	M
						RPD = 9.32	
S 12 Polychlorinated biphenyls, Total							
1						3107.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

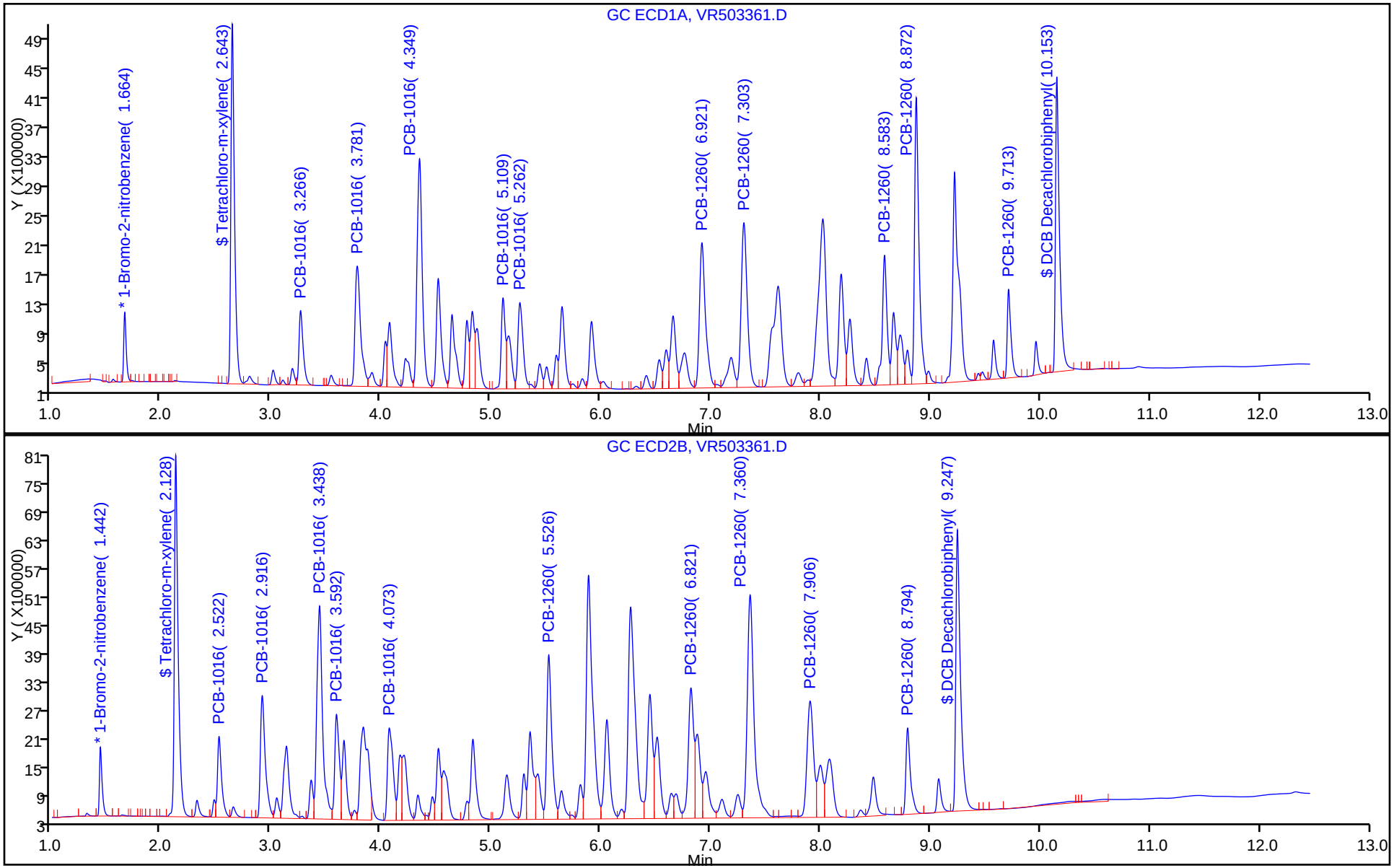
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:40 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D

Injection Date:	30-Sep-2015 10:34:54	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Sep-2015 10:50:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:43 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:18:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1384184	20.0	20.0	M
2	1.442	1.442	0.000	2238521	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	15083208	200.0	235.5	
2	2.128	2.128	0.000	22903125	200.0	210.8	M
						RPD = 11.04	
5 PCB-1016							M
1	3.266	3.266	0.000	4297716	2500.0	2543.2	
1	3.782	3.782	0.000	9097501	2500.0	2551.4	M
1	4.350	4.348	0.002	16309216	2500.0	2660.5	M
1	5.110	5.109	0.001	4793343	2500.0	2465.0	
1	5.262	5.262	0.000	5963139	2500.0	2669.4	
		Average of Peak Amounts =				2577.9	
2	2.522	2.522	0.000	7112324	2500.0	2443.1	M
2	2.916	2.916	0.000	13723523	2500.0	2405.4	M
2	3.438	3.438	0.000	26319305	2500.0	2475.1	M
2	3.592	3.592	0.000	9874688	2500.0	2483.4	M
2	4.073	4.073	0.000	10654631	2500.0	2483.7	
		Average of Peak Amounts =				2458.1	
						RPD = 4.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	11126952	2500.0	2568.5	
1	7.303	7.302	0.001	12929633	2500.0	2598.4	
1	8.584	8.583	0.001	8402219	2500.0	2743.3	
1	8.872	8.872	0.000	17428287	2500.0	2768.9	
1	9.717	9.716	0.001	4539751	2500.0	2728.8	
		Average of Peak Amounts =				2681.6	
2	5.526	5.525	0.001	16859063	2500.0	2430.8	M
2	6.822	6.820	0.002	14221101	2500.0	2526.4	M
2	7.361	7.359	0.002	33435957	2500.0	2556.7	M
2	7.907	7.905	0.002	18559549	2500.0	2913.8	M
2	8.794	8.794	0.000	8775218	2500.0	2660.9	M
		Average of Peak Amounts =				2617.7	
						RPD = 2.41	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	13504761	200.0	219.3	M
2	9.249	9.249	0.000	23371758	200.0	203.8	M
						RPD = 7.32	
S 12 Polychlorinated biphenyls, Total							
1						5259.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

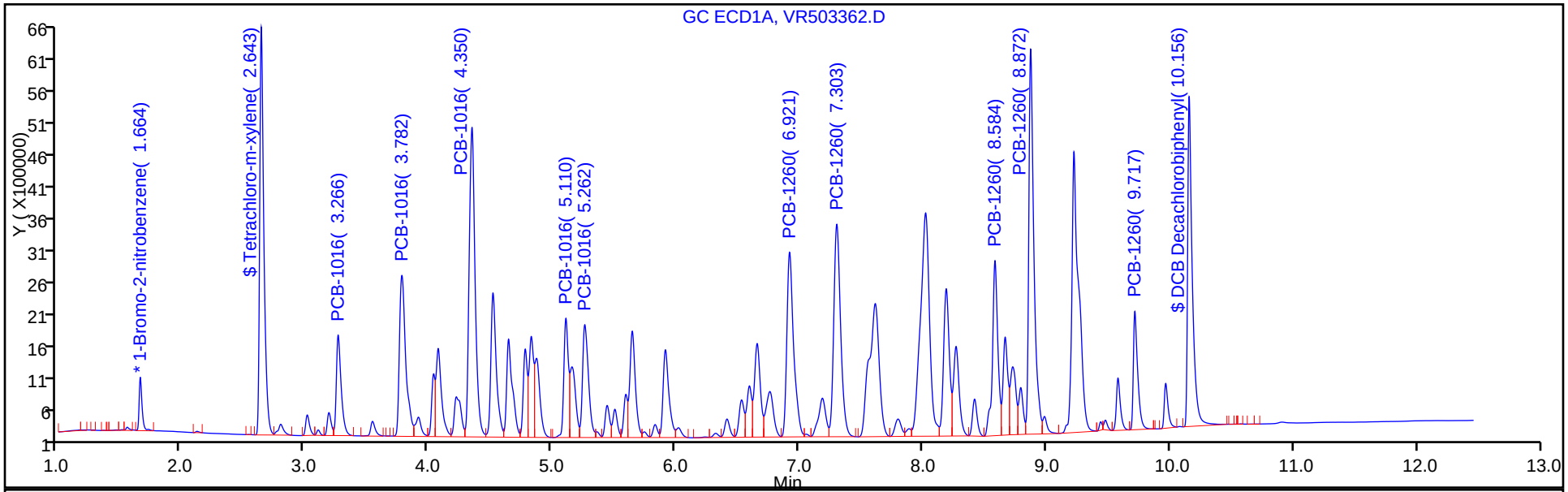
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

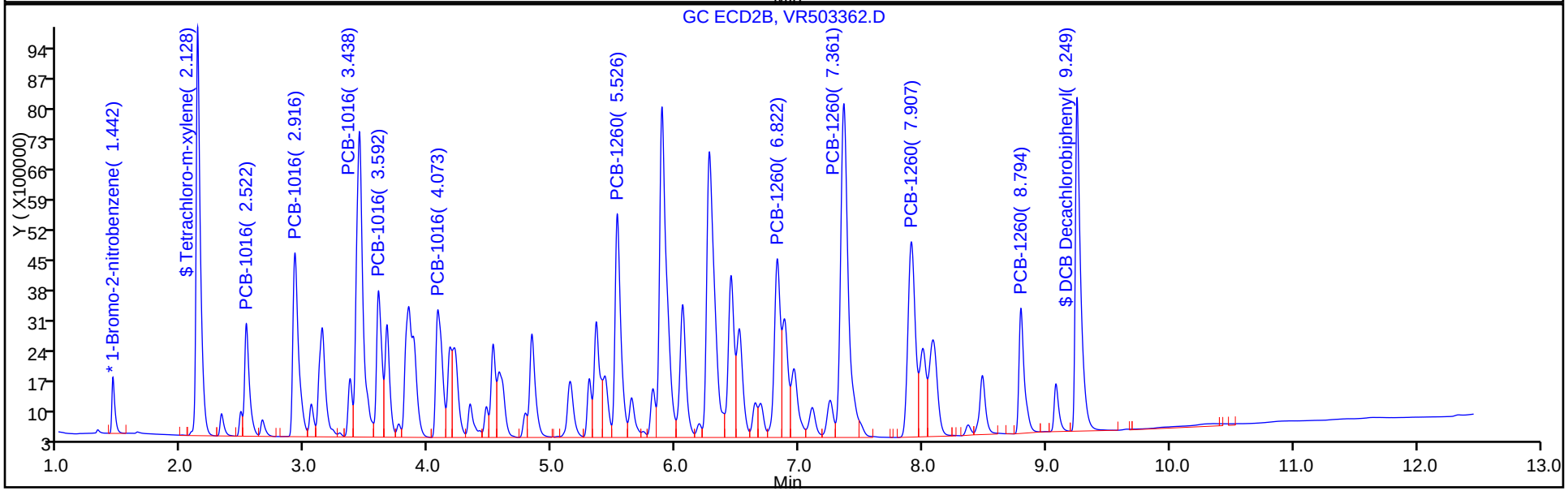
Report Date: 30-Sep-2015 15:34:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D

Injection Date:	30-Sep-2015 10:50:43	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Sep-2015 11:22:17 ALS Bottle#: 8 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:55 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:42:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1947742	20.0	20.0	M
2	1.443	1.442	0.001	2607337	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	3776015	50.0	41.9	M
2	2.128	2.128	0.000	6366678	50.0	50.3	M
						RPD = 18.28	
5 PCB-1016							M
1	3.266	3.266	0.000	1042454	500.0	438.4	M
1	3.782	3.782	0.000	2293720	500.0	457.2	M
1	4.348	4.348	0.000	3714707	500.0	430.6	M
1	5.109	5.109	0.000	1141175	500.0	417.1	M
1	5.262	5.262	0.000	1314509	500.0	418.2	M
		Average of Peak Amounts =				432.3	
2	2.523	2.522	0.001	1729453	500.0	510.0	M
2	2.916	2.916	0.000	3637777	500.0	547.4	M
2	3.438	3.438	0.000	5998167	500.0	484.3	M
2	3.592	3.592	0.000	2334653	500.0	504.1	M
2	4.073	4.073	0.000	2510572	500.0	502.4	M
		Average of Peak Amounts =				509.7	
						RPD = 16.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	2726157	500.0	447.2	M
1	7.303	7.302	0.001	3073139	500.0	438.9	M
1	8.583	8.583	0.000	1936136	500.0	449.2	M
1	8.873	8.872	0.001	3920205	500.0	442.6	M
1	9.715	9.716	-0.001	1014778	500.0	433.5	M
		Average of Peak Amounts =				442.3	
2	5.526	5.525	0.001	4182662	500.0	517.8	M
2	6.821	6.820	0.001	3557922	500.0	542.7	M
2	7.360	7.359	0.001	7919288	500.0	519.9	M
2	7.906	7.905	0.001	3871752	500.0	521.9	M
2	8.793	8.794	-0.001	2036816	500.0	530.3	M
		Average of Peak Amounts =				526.5	
						RPD = 17.38	
$ 11 DCB Decachlorobiphenyl							M
1	10.154	10.156	-0.002	3925941	50.0	45.3	M
2	9.249	9.249	0.000	7033306	50.0	52.7	M
						RPD = 15.01	
S 12 Polychlorinated biphenyls, Total							
1						874.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

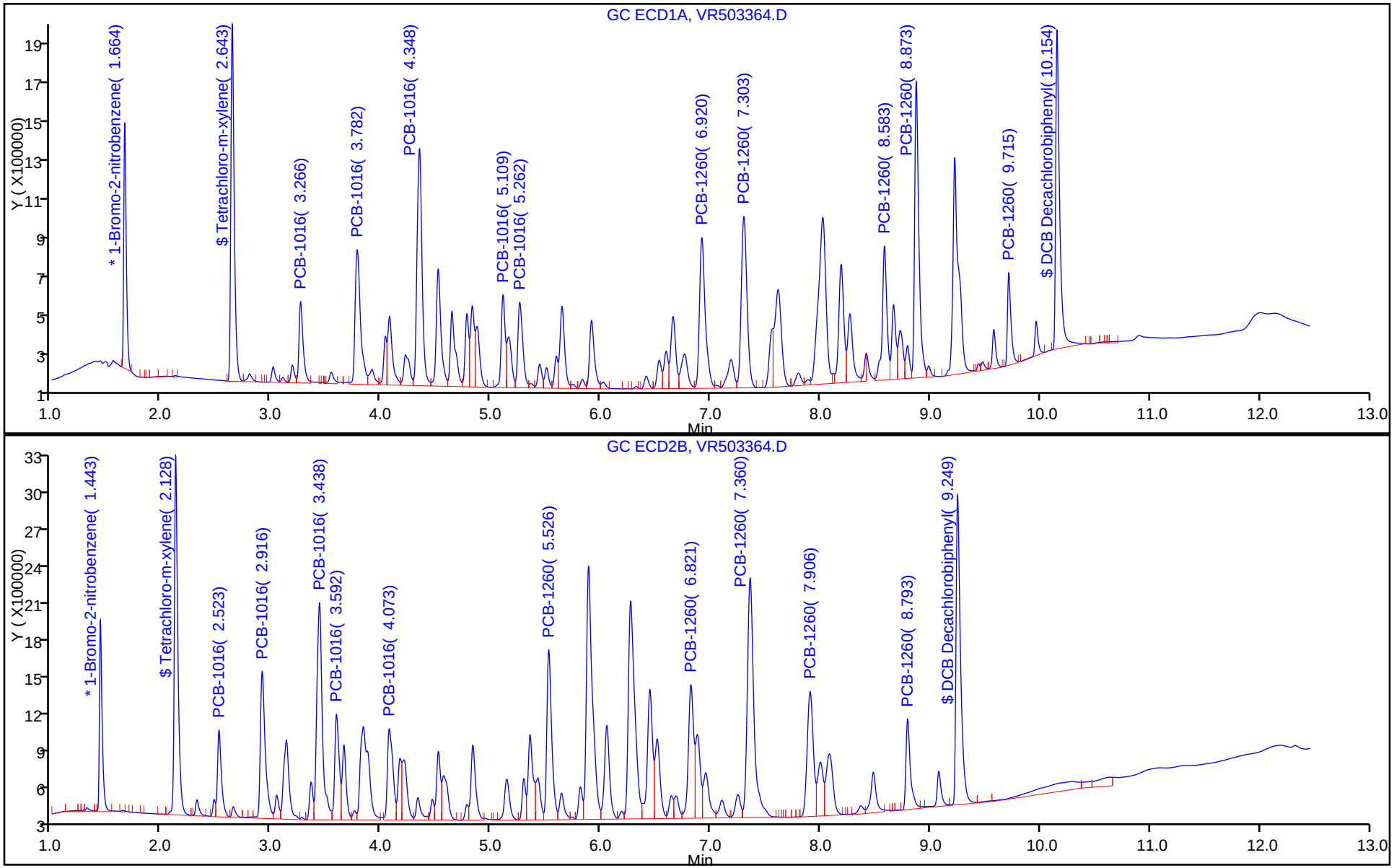
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:58 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D

Injection Date:	30-Sep-2015 11:22:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0274	0.0265	0.0266	0.0242	0.0254	Ave		0.0260				4.7		20.0			0.9900
PCB-1016 Peak 2	0.0536	0.0558	0.0532	0.0433	0.0490	Ave		0.0510				9.7		20.0			0.9900
PCB-1016 Peak 3	0.0996	0.0920	0.1011	0.0883	0.0941	Ave		0.0950				5.6		20.0			0.9900
PCB-1016 Peak 4	0.0344	0.0358	0.0377	0.0344	0.0353	Ave		0.0355				3.9		20.0			0.9900
PCB-1016 Peak 5	0.0438	0.0385	0.0345	0.0368	0.0381	Ave		0.0383				9.0		20.0			0.9900
PCB-1260 Peak 1	0.0691	0.0642	0.0559	0.0604	0.0603	Ave		0.0620				8.0		20.0			0.9900
PCB-1260 Peak 2	0.0507	0.0546	0.0445	0.0508	0.0508	Ave		0.0503				7.2		20.0			0.9900
PCB-1260 Peak 3	0.1276	0.1215	0.1064	0.1093	0.1195	Ave		0.1168				7.5		20.0			0.9900
PCB-1260 Peak 4	0.0523	0.0594	0.0520	0.0545	0.0663	Ave		0.0569				10.6		20.0			0.9900
PCB-1260 Peak 5	0.0268	0.0312	0.0296	0.0284	0.0314	Ave		0.0295				6.6		20.0			0.9900
Tetrachloro-m-xylene	0.8809	0.9767	0.9881	0.9837	1.0231	Ave		0.9705				5.5		20.0			0.9900
DCB Decachlorobiphenyl	1.0230	1.0790	1.0261	0.9499	1.0441	Ave		1.0244				4.6		20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 09:47 Calibration End Date: 09/30/2015 11:22 Calibration ID: 52511

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/2	VR503358.D
Level 2	IC 460-325682/21	VR503364.D
Level 3	IC 460-325682/4	VR503360.D
Level 4	IC 460-325682/5	VR503361.D
Level 5	IC 460-325682/6	VR503362.D

ANALYTE	IS REF	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	BNB	Ave	189489	1729453	3396416	4528375	7112324	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	371328	3637777	6797368	8099281	13723523	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	689697	5998167	12929151	16528449	26319305	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	238153	2334653	4826421	6440990	9874688	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	303601	2510572	4407021	6882426	10654631	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	478984	4182662	7149929	11300615	16859063	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	351359	3557922	5694346	9512742	14221101	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	883622	7919288	13604414	20462913	33435957	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	362069	3871752	6653648	10207656	18559549	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	185432	2036816	3781497	5312620	8775218	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	1525649	6366678	12636097	18416962	22903125	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1771649	7033306	13122347	17784697	23371758	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D
Lims ID: IC PCB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Sep-2015 09:47:33 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:02 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1961861	20.0	20.0	M
2	1.441	1.441	0.000	2771031	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.640	2.643	-0.003	908971	12.5	10.0	M
2	2.125	2.128	-0.003	1525649	12.5	11.3	M
						RPD = 12.49	
5 PCB-1016							M
1	3.264	3.266	-0.002	128499	50.0	53.7	M
1	3.779	3.782	-0.003	243337	50.0	48.1	M
1	4.345	4.348	-0.003	450222	50.0	51.8	M
1	5.107	5.109	-0.002	163346	50.0	59.3	M
1	5.258	5.262	-0.004	162584	50.0	51.4	M
		Average of Peak Amounts =				52.8	
2	2.520	2.522	-0.002	189489	50.0	52.6	M
2	2.913	2.916	-0.003	371328	50.0	52.6	M
2	3.434	3.438	-0.004	689697	50.0	52.4	M
2	3.589	3.592	-0.003	238153	50.0	48.4	M
2	4.070	4.073	-0.003	303601	50.0	57.2	M
		Average of Peak Amounts =				52.6	
						RPD = 0.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.917	6.920	-0.003	288071	50.0	46.9	M
1	7.299	7.302	-0.003	344072	50.0	48.8	M
1	8.581	8.583	-0.002	197277	50.0	45.4	M
1	8.871	8.872	-0.001	396085	50.0	44.4	M
1	9.719	9.716	0.003	116218	50.0	49.3	M
		Average of Peak Amounts =				47.0	
2	5.524	5.525	-0.001	478984	50.0	55.8	M
2	6.816	6.820	-0.004	351359	50.0	50.4	M
2	7.354	7.359	-0.005	883622	50.0	54.6	M
2	7.900	7.905	-0.005	362069	50.0	45.9	M
2	8.792	8.794	-0.002	185432	50.0	45.4	M
		Average of Peak Amounts =				50.4	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	10.162	10.156	0.006	971267	12.5	11.1	M
2	9.250	9.249	0.001	1771649	12.5	12.5	M
						RPD = 11.46	
S 12 Polychlorinated biphenyls, Total							
1						99.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

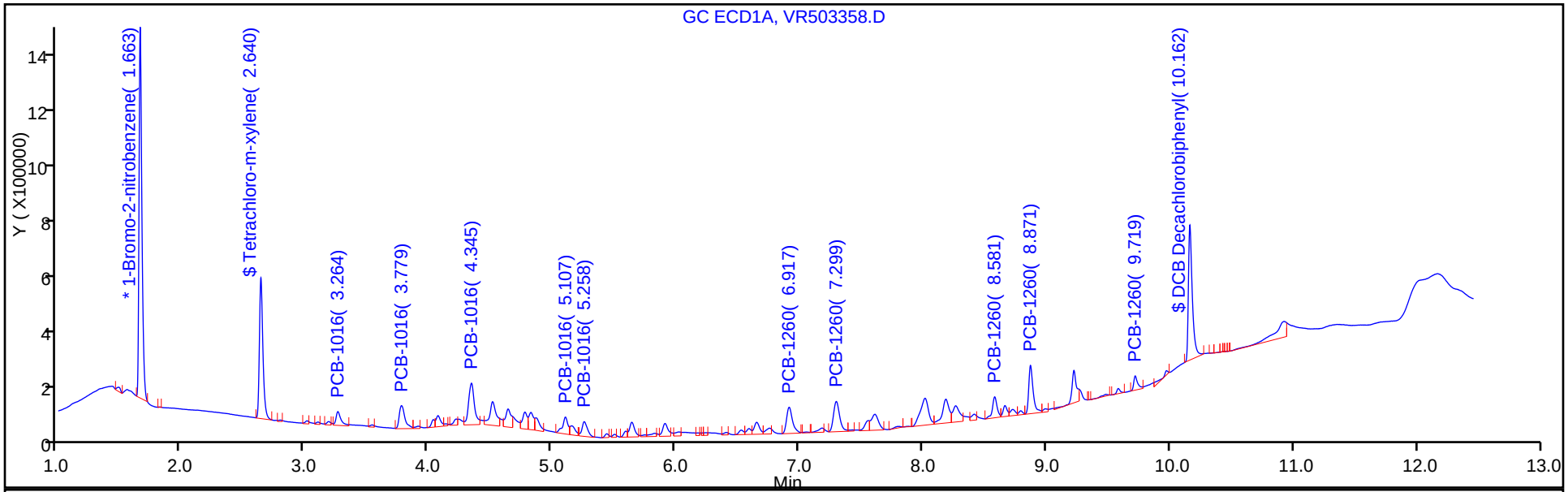
SG1660(LVI)L1_00007	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

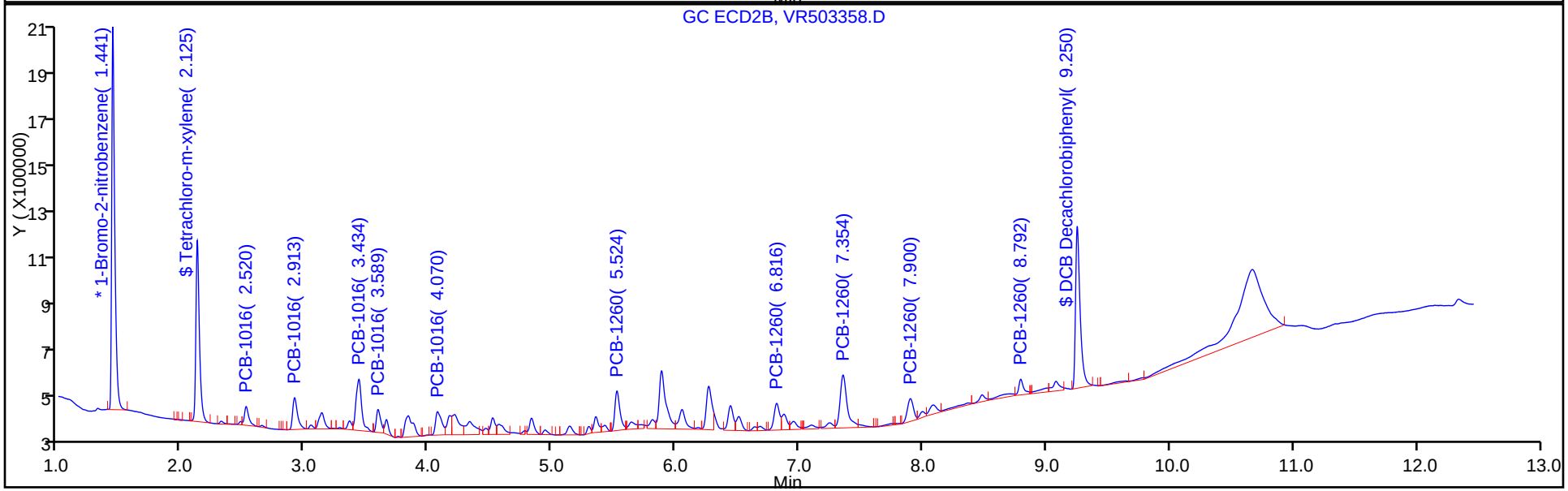
Report Date: 30-Sep-2015 15:34:08 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503358.D

Injection Date:	30-Sep-2015 09:47:33	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D
Lims ID: IC PCB 3
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 30-Sep-2015 10:19:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-004
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:27 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 10:54:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486405	20.0	20.0	M
2	1.442	1.442	0.000	2557718	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	7563601	100.0	110.0	
2	2.128	2.128	0.000	12636097	100.0	101.8	M
						RPD = 7.70	
5 PCB-1016							M
1	3.266	3.266	0.000	1918289	1000.0	1057.1	M
1	3.782	3.782	0.000	4207187	1000.0	1098.8	M
1	4.348	4.348	0.000	6712458	1000.0	1019.7	M
1	5.109	5.109	0.000	2093042	1000.0	1002.4	M
1	5.262	5.262	0.000	2421582	1000.0	1009.5	M
		Average of Peak Amounts =				1037.5	
2	2.522	2.522	0.000	3396416	1000.0	1021.1	M
2	2.916	2.916	0.000	6797368	1000.0	1042.7	M
2	3.438	3.438	0.000	12929151	1000.0	1064.2	M
2	3.592	3.592	0.000	4826421	1000.0	1062.3	M
2	4.073	4.073	0.000	4407021	1000.0	899.1	M
		Average of Peak Amounts =				1017.9	
						RPD = 1.91	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	4944903	1000.0	1063.0	M
1	7.302	7.302	0.000	5592927	1000.0	1046.7	M
1	8.583	8.583	0.000	3411939	1000.0	1037.4	M
1	8.872	8.872	0.000	7090577	1000.0	1049.0	M
1	9.716	9.716	0.000	1808151	1000.0	1012.1	
		Average of Peak Amounts =				1041.6	
2	5.525	5.525	0.000	7149929	1000.0	902.2	M
2	6.820	6.820	0.000	5694346	1000.0	885.4	M
2	7.359	7.359	0.000	13604414	1000.0	910.4	M
2	7.905	7.905	0.000	6653648	1000.0	914.2	
2	8.794	8.794	0.000	3781497	1000.0	1003.6	M
		Average of Peak Amounts =				923.2	
						RPD = 12.06	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	7200766	100.0	108.9	M
2	9.249	9.249	0.000	13122347	100.0	100.2	M
						RPD = 8.35	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

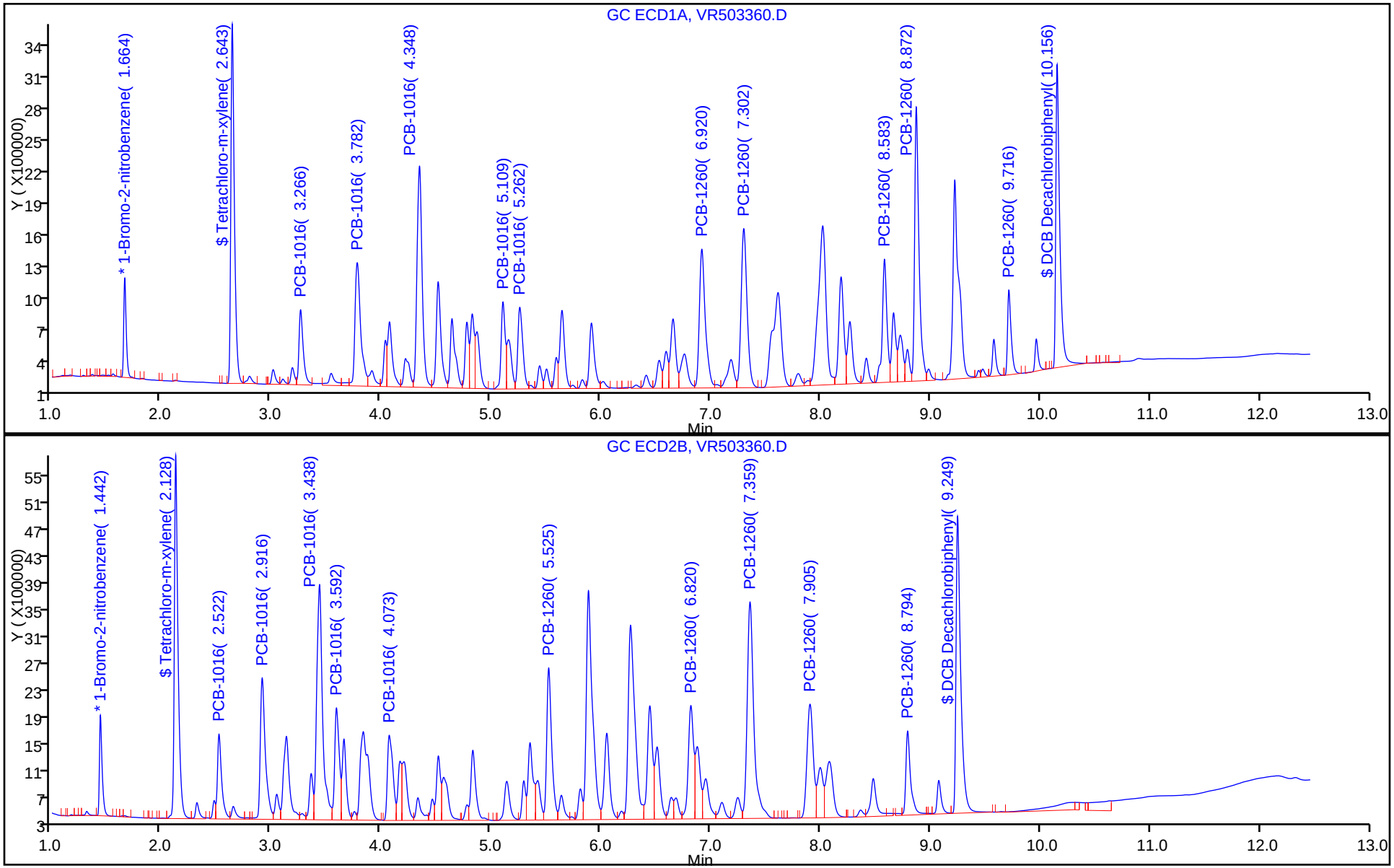
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:32 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503360.D

Injection Date:	30-Sep-2015 10:19:07	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D
Lims ID: IC PCB 4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Sep-2015 10:34:54 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-005
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:36 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:04:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1486346	20.0	20.0	
2	1.442	1.442	0.000	2496236	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	11185847	150.0	162.6	
2	2.128	2.128	0.000	18416962	150.0	152.0	M
						RPD = 6.73	
5 PCB-1016							M
1	3.266	3.266	0.000	2655979	1500.0	1463.7	
1	3.781	3.782	-0.001	5762709	1500.0	1505.1	M
1	4.349	4.348	0.001	10056370	1500.0	1527.7	M
1	5.109	5.109	0.000	3107459	1500.0	1488.2	
1	5.262	5.262	0.000	3811673	1500.0	1589.0	
		Average of Peak Amounts =				1514.7	
2	2.522	2.522	0.000	4528375	1500.0	1394.9	M
2	2.916	2.916	0.000	8099281	1500.0	1273.1	
2	3.438	3.438	0.000	16528449	1500.0	1393.9	M
2	3.592	3.592	0.000	6440990	1500.0	1452.6	M
2	4.073	4.073	0.000	6882426	1500.0	1438.7	
		Average of Peak Amounts =				1390.6	
						RPD = 8.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	7514237	1500.0	1615.3	M
1	7.303	7.302	0.001	8499171	1500.0	1590.6	M
1	8.583	8.583	0.000	5219104	1500.0	1586.9	M
1	8.872	8.872	0.000	10849729	1500.0	1605.3	M
1	9.713	9.716	-0.003	2796598	1500.0	1565.5	
		Average of Peak Amounts =				1592.7	
2	5.526	5.525	0.001	11300615	1500.0	1461.1	M
2	6.821	6.820	0.001	9512742	1500.0	1515.5	M
2	7.360	7.359	0.001	20462913	1500.0	1403.2	M
2	7.906	7.905	0.001	10207656	1500.0	1437.1	M
2	8.794	8.794	0.000	5312620	1500.0	1444.6	
		Average of Peak Amounts =				1452.3	
						RPD = 9.22	
$ 11 DCB Decachlorobiphenyl							M
1	10.153	10.156	-0.003	10096553	150.0	152.7	
2	9.247	9.249	-0.002	17784697	150.0	139.1	M
						RPD = 9.32	
S 12 Polychlorinated biphenyls, Total							
1						3107.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

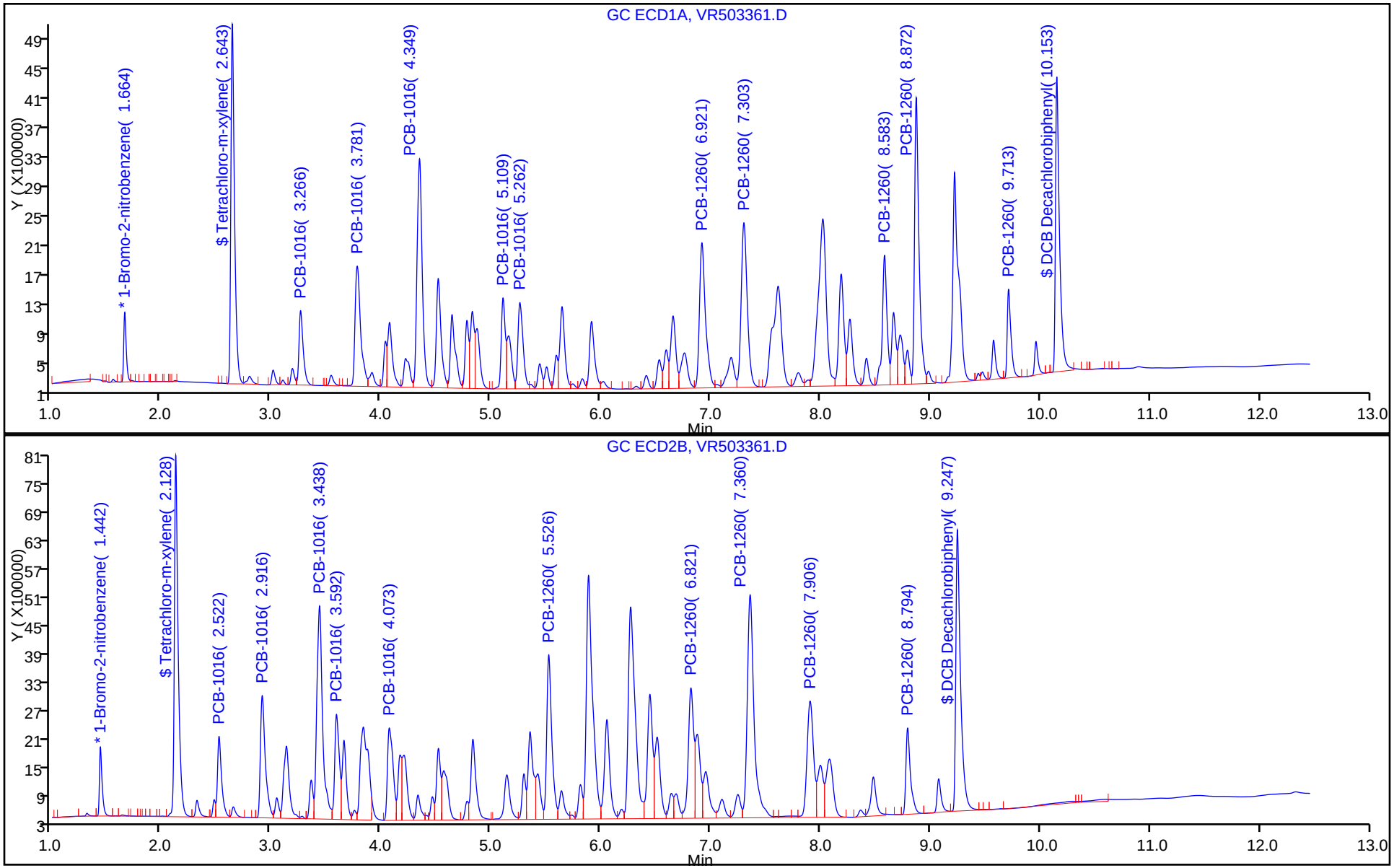
SG1660L4_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:34:40 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503361.D

Injection Date:	30-Sep-2015 10:34:54	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D
Lims ID: IC PCB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Sep-2015 10:50:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-006
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:43 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:18:29

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1384184	20.0	20.0	M
2	1.442	1.442	0.000	2238521	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	15083208	200.0	235.5	
2	2.128	2.128	0.000	22903125	200.0	210.8	M
						RPD = 11.04	
5 PCB-1016							M
1	3.266	3.266	0.000	4297716	2500.0	2543.2	
1	3.782	3.782	0.000	9097501	2500.0	2551.4	M
1	4.350	4.348	0.002	16309216	2500.0	2660.5	M
1	5.110	5.109	0.001	4793343	2500.0	2465.0	
1	5.262	5.262	0.000	5963139	2500.0	2669.4	
		Average of Peak Amounts =				2577.9	
2	2.522	2.522	0.000	7112324	2500.0	2443.1	M
2	2.916	2.916	0.000	13723523	2500.0	2405.4	M
2	3.438	3.438	0.000	26319305	2500.0	2475.1	M
2	3.592	3.592	0.000	9874688	2500.0	2483.4	M
2	4.073	4.073	0.000	10654631	2500.0	2483.7	
		Average of Peak Amounts =				2458.1	
						RPD = 4.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.921	6.920	0.001	11126952	2500.0	2568.5	
1	7.303	7.302	0.001	12929633	2500.0	2598.4	
1	8.584	8.583	0.001	8402219	2500.0	2743.3	
1	8.872	8.872	0.000	17428287	2500.0	2768.9	
1	9.717	9.716	0.001	4539751	2500.0	2728.8	
		Average of Peak Amounts =				2681.6	
2	5.526	5.525	0.001	16859063	2500.0	2430.8	M
2	6.822	6.820	0.002	14221101	2500.0	2526.4	M
2	7.361	7.359	0.002	33435957	2500.0	2556.7	M
2	7.907	7.905	0.002	18559549	2500.0	2913.8	M
2	8.794	8.794	0.000	8775218	2500.0	2660.9	M
		Average of Peak Amounts =				2617.7	
						RPD = 2.41	
$ 11 DCB Decachlorobiphenyl							M
1	10.156	10.156	0.000	13504761	200.0	219.3	M
2	9.249	9.249	0.000	23371758	200.0	203.8	M
						RPD = 7.32	
S 12 Polychlorinated biphenyls, Total							
1						5259.5	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

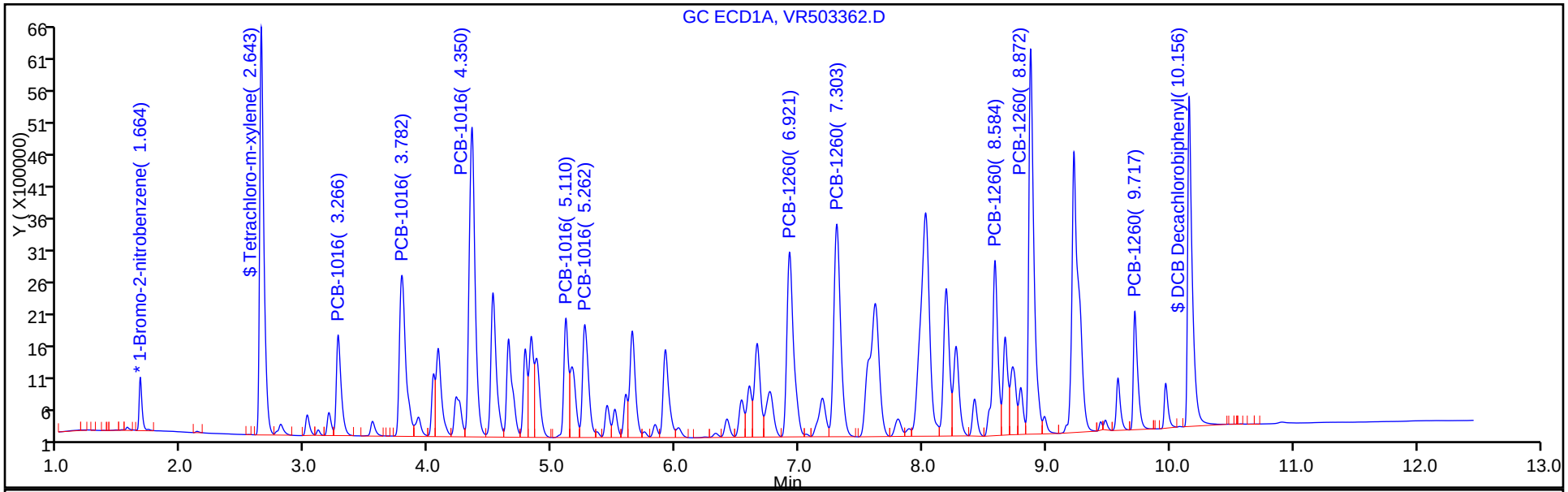
SG1660L5_00019	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

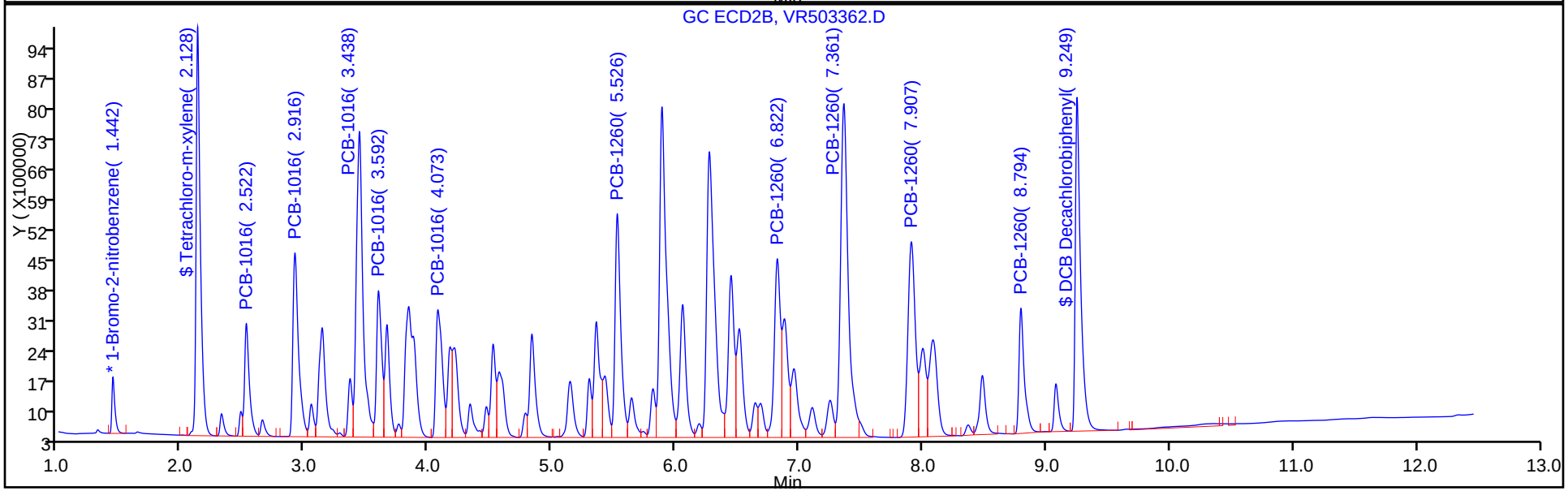
Report Date: 30-Sep-2015 15:34:47 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503362.D

Injection Date:	30-Sep-2015 10:50:43	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D
Lims ID: IC PCB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Sep-2015 11:22:17 ALS Bottle#: 8 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:34:55 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 11:42:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1947742	20.0	20.0	M
2	1.443	1.442	0.001	2607337	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.643	2.643	0.000	3776015	50.0	41.9	M
2	2.128	2.128	0.000	6366678	50.0	50.3	M
						RPD = 18.28	
5 PCB-1016							M
1	3.266	3.266	0.000	1042454	500.0	438.4	M
1	3.782	3.782	0.000	2293720	500.0	457.2	M
1	4.348	4.348	0.000	3714707	500.0	430.6	M
1	5.109	5.109	0.000	1141175	500.0	417.1	M
1	5.262	5.262	0.000	1314509	500.0	418.2	M
		Average of Peak Amounts =				432.3	
2	2.523	2.522	0.001	1729453	500.0	510.0	M
2	2.916	2.916	0.000	3637777	500.0	547.4	M
2	3.438	3.438	0.000	5998167	500.0	484.3	M
2	3.592	3.592	0.000	2334653	500.0	504.1	M
2	4.073	4.073	0.000	2510572	500.0	502.4	M
		Average of Peak Amounts =				509.7	
						RPD = 16.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.920	6.920	0.000	2726157	500.0	447.2	M
1	7.303	7.302	0.001	3073139	500.0	438.9	M
1	8.583	8.583	0.000	1936136	500.0	449.2	M
1	8.873	8.872	0.001	3920205	500.0	442.6	M
1	9.715	9.716	-0.001	1014778	500.0	433.5	M
		Average of Peak Amounts =				442.3	
2	5.526	5.525	0.001	4182662	500.0	517.8	M
2	6.821	6.820	0.001	3557922	500.0	542.7	M
2	7.360	7.359	0.001	7919288	500.0	519.9	M
2	7.906	7.905	0.001	3871752	500.0	521.9	M
2	8.793	8.794	-0.001	2036816	500.0	530.3	M
		Average of Peak Amounts =				526.5	
						RPD = 17.38	
$ 11 DCB Decachlorobiphenyl							M
1	10.154	10.156	-0.002	3925941	50.0	45.3	M
2	9.249	9.249	0.000	7033306	50.0	52.7	M
						RPD = 15.01	
S 12 Polychlorinated biphenyls, Total							
1						874.6	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

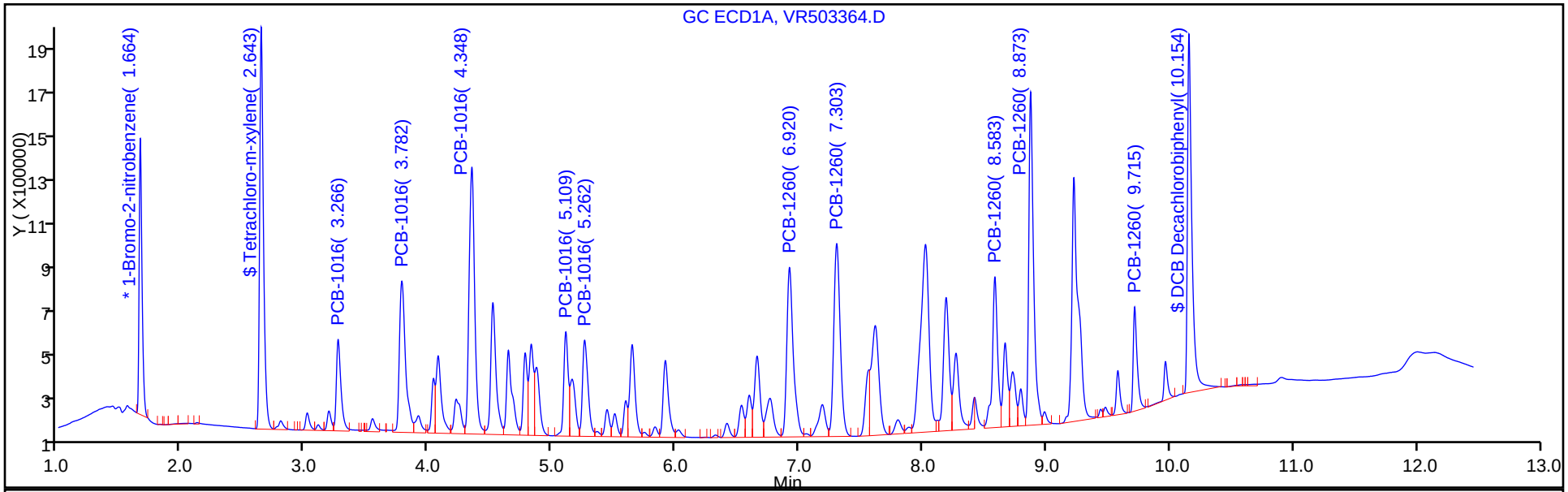
SG1660L2_00020	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

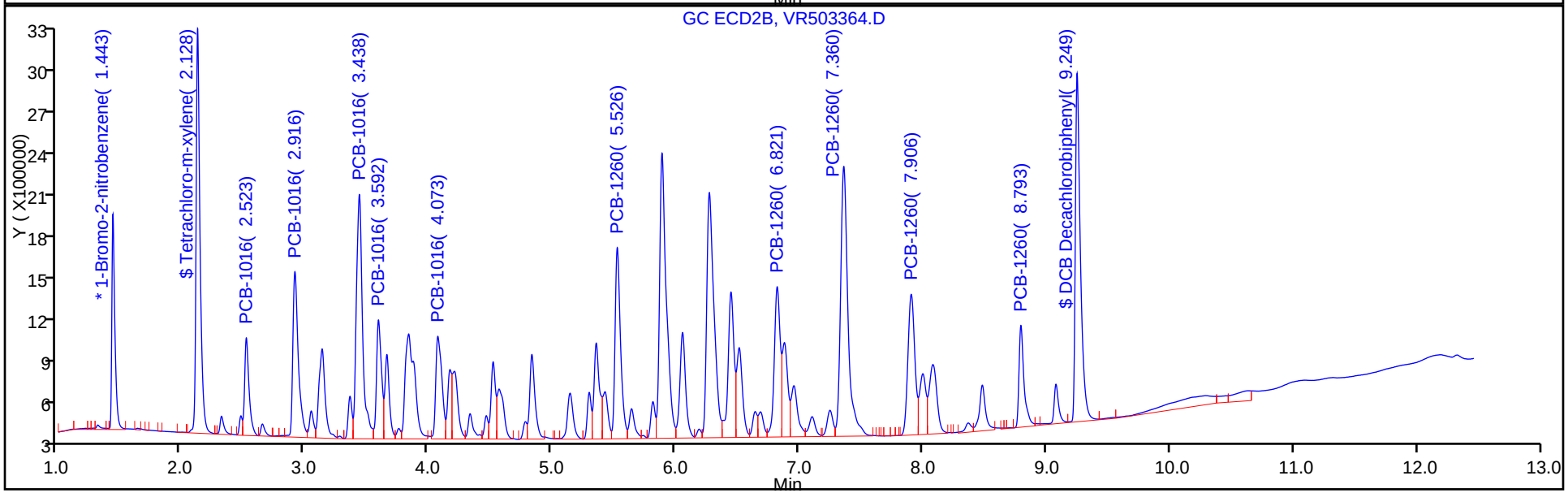
Report Date: 30-Sep-2015 15:34:59 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503364.D

Injection Date:	30-Sep-2015 11:22:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC PCB 2			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0103					Ave		0.0103						20.0			0.9900
PCB-1221 Peak 2	0.0112					Ave		0.0112						20.0			0.9900
PCB-1221 Peak 3	0.0077					Ave		0.0077						20.0			0.9900
PCB-1221 Peak 4	0.0300					Ave		0.0300						20.0			0.9900
PCB-1221 Peak 5	0.0054					Ave		0.0054						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52516

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	824339					1000				
PCB-1221 Peak 2	BNB	Ave	895189					1000				
PCB-1221 Peak 3	BNB	Ave	612187					1000				
PCB-1221 Peak 4	BNB	Ave	2388758					1000				
PCB-1221 Peak 5	BNB	Ave	429894					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:01:44 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.662	1.662	0.000	1594106	20.0	20.0	
2	1.440	1.440	0.000	2646897	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.122	2.122	0.000	824339	1000.0	1000.0	M
1	3.015	3.015	0.000	895189	1000.0	1000.0	M
1	3.190	3.190	0.000	612187	1000.0	1000.0	M
1	3.265	3.265	0.000	2388758	1000.0	1000.0	M
1	3.841	3.841	0.000	429894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.640	1.640	0.000	1232963	1000.0	1000.0	M
2	2.320	2.320	0.000	1438778	1000.0	1000.0	M
2	2.520	2.520	0.000	3914655	1000.0	1000.0	M
2	3.048	3.048	0.000	651614	1000.0	1000.0	M
2	3.435	3.435	0.000	588635	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

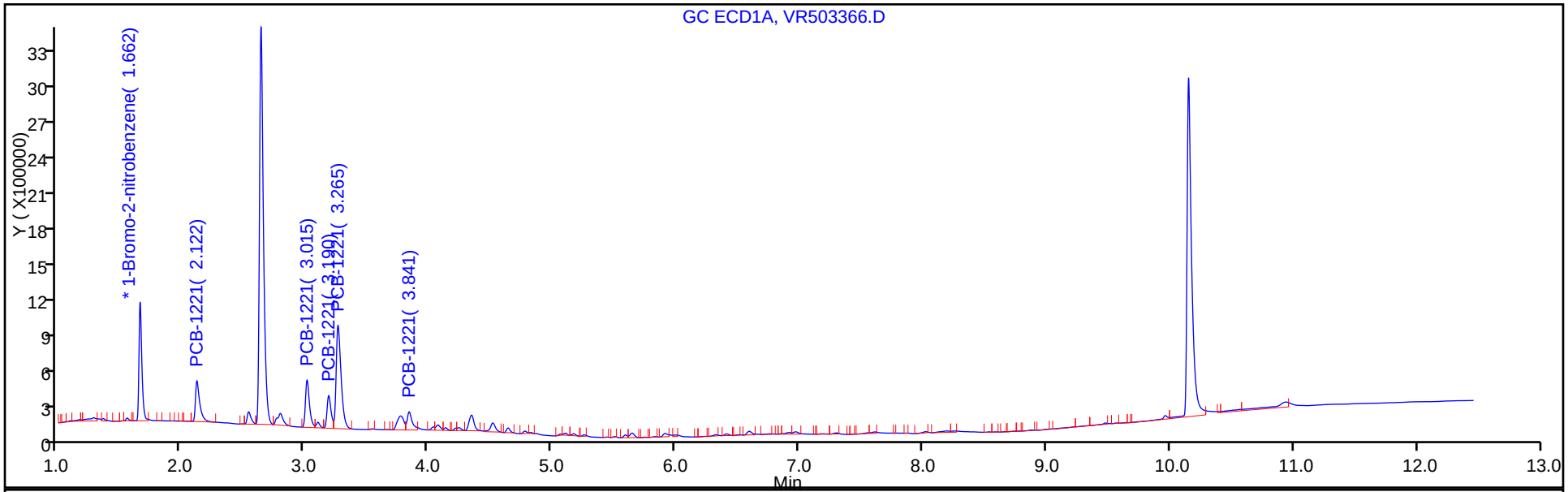
SG1221L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

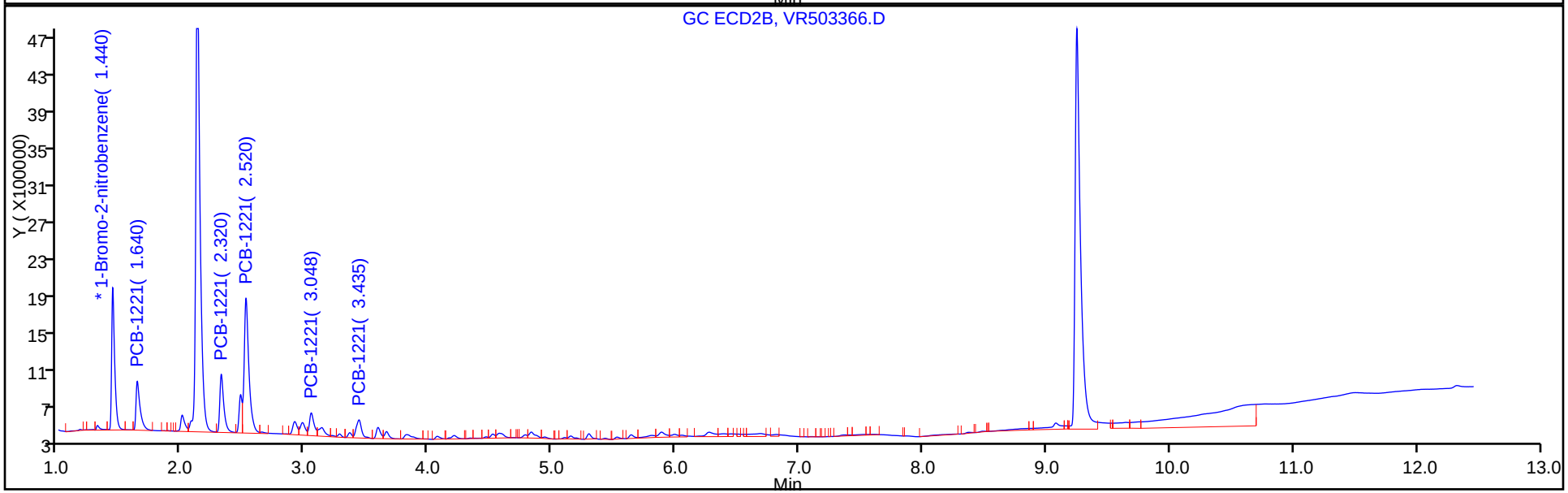
Report Date: 30-Sep-2015 15:35:13 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D

Injection Date:	30-Sep-2015 12:01:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0093					Ave		0.0093						20.0			0.9900
PCB-1221 Peak 2	0.0109					Ave		0.0109						20.0			0.9900
PCB-1221 Peak 3	0.0296					Ave		0.0296						20.0			0.9900
PCB-1221 Peak 4	0.0049					Ave		0.0049						20.0			0.9900
PCB-1221 Peak 5	0.0044					Ave		0.0044						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:01 Calibration End Date: 09/30/2015 12:01 Calibration ID: 52517

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/8	VR503366.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	1232963					1000				
PCB-1221 Peak 2	BNB	Ave	1438778					1000				
PCB-1221 Peak 3	BNB	Ave	3914655					1000				
PCB-1221 Peak 4	BNB	Ave	651614					1000				
PCB-1221 Peak 5	BNB	Ave	588635					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:01:44 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-008
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub2

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.662	1.662	0.000	1594106	20.0	20.0	
2	1.440	1.440	0.000	2646897	20.0	20.0	M
						RPD = 0.00	
1 PCB-1221							M
1	2.122	2.122	0.000	824339	1000.0	1000.0	M
1	3.015	3.015	0.000	895189	1000.0	1000.0	M
1	3.190	3.190	0.000	612187	1000.0	1000.0	M
1	3.265	3.265	0.000	2388758	1000.0	1000.0	M
1	3.841	3.841	0.000	429894	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	1.640	1.640	0.000	1232963	1000.0	1000.0	M
2	2.320	2.320	0.000	1438778	1000.0	1000.0	M
2	2.520	2.520	0.000	3914655	1000.0	1000.0	M
2	3.048	3.048	0.000	651614	1000.0	1000.0	M
2	3.435	3.435	0.000	588635	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

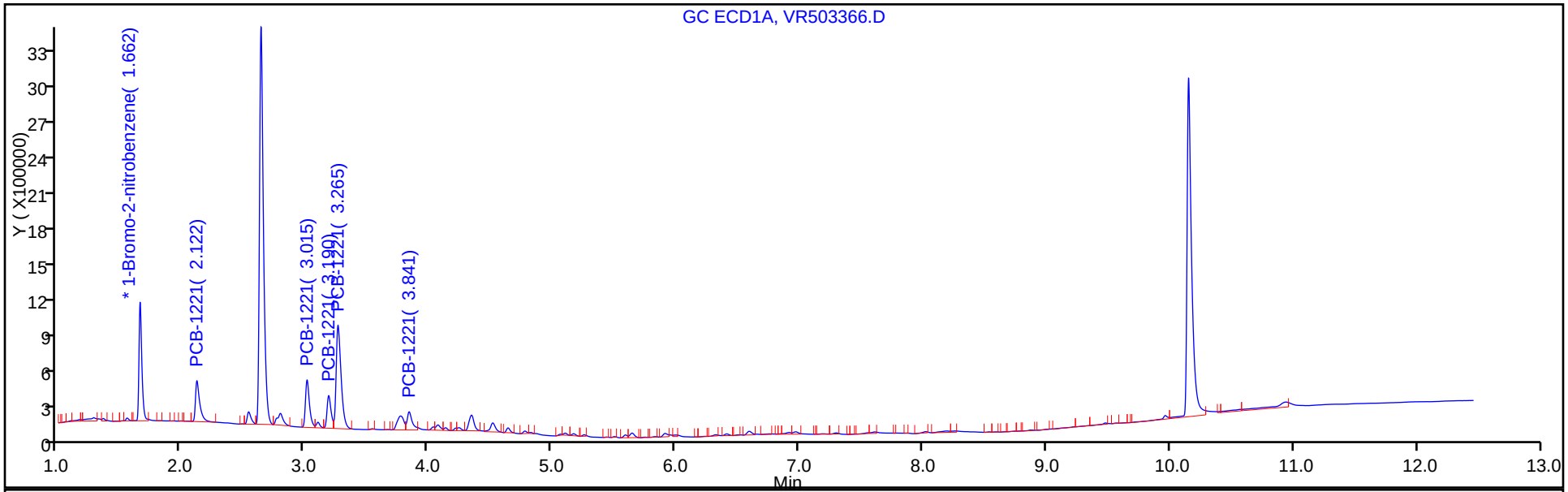
SG1221L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

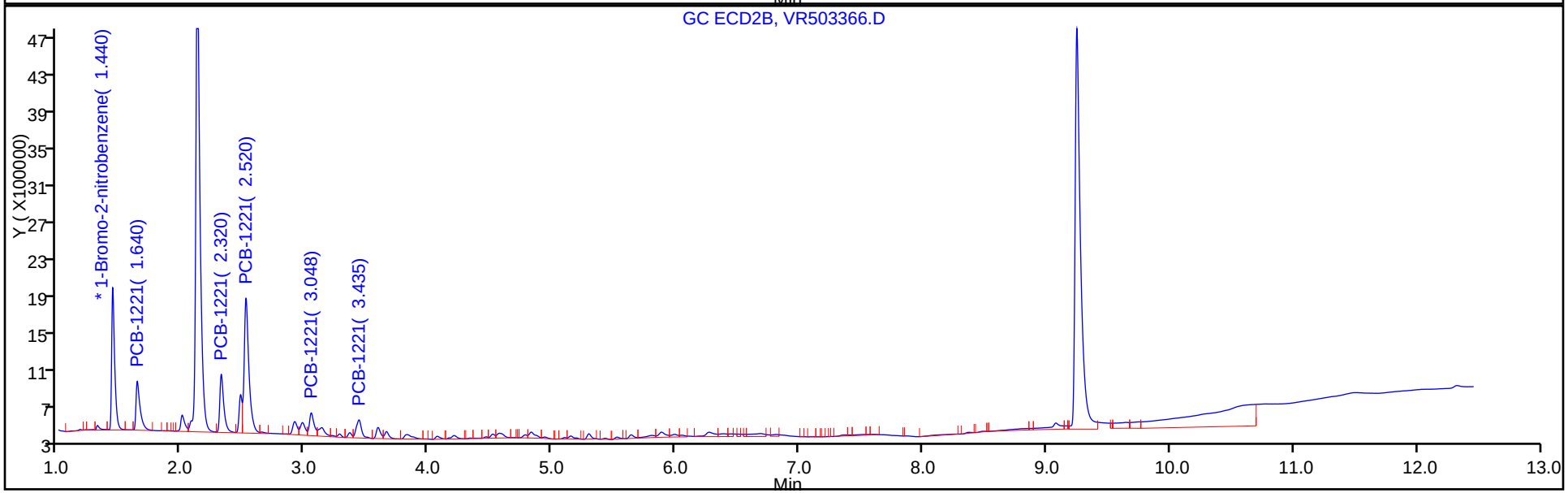
Report Date: 30-Sep-2015 15:35:14 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503366.D

Injection Date:	30-Sep-2015 12:01:44	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1221			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0207					Ave		0.0207						20.0			0.9900
PCB-1232 Peak 2	0.0162					Ave		0.0162						20.0			0.9900
PCB-1232 Peak 3	0.0277					Ave		0.0277						20.0			0.9900
PCB-1232 Peak 4	0.0080					Ave		0.0080						20.0			0.9900
PCB-1232 Peak 5	0.0089					Ave		0.0089						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52522

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	2041256					1000				
PCB-1232 Peak 2	BNB	Ave	1595604					1000				
PCB-1232 Peak 3	BNB	Ave	2730933					1000				
PCB-1232 Peak 4	BNB	Ave	785997					1000				
PCB-1232 Peak 5	BNB	Ave	880271					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:17:30 ALS Bottle#: 11 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:16 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1969125	20.0	20.0	M
2	1.441	1.441	0.000	2687819	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.265	3.265	0.000	2041256	1000.0	1000.0	M
1	3.780	3.780	0.000	1595604	1000.0	1000.0	M
1	4.346	4.346	0.000	2730933	1000.0	1000.0	M
1	5.106	5.106	0.000	785997	1000.0	1000.0	M
1	5.259	5.259	0.000	880271	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.521	2.521	0.000	3341882	1000.0	1000.0	M
2	2.915	2.915	0.000	2765679	1000.0	1000.0	M
2	3.436	3.436	0.000	4387161	1000.0	1000.0	M
2	3.591	3.591	0.000	1717494	1000.0	1000.0	M
2	4.071	4.071	0.000	1759308	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

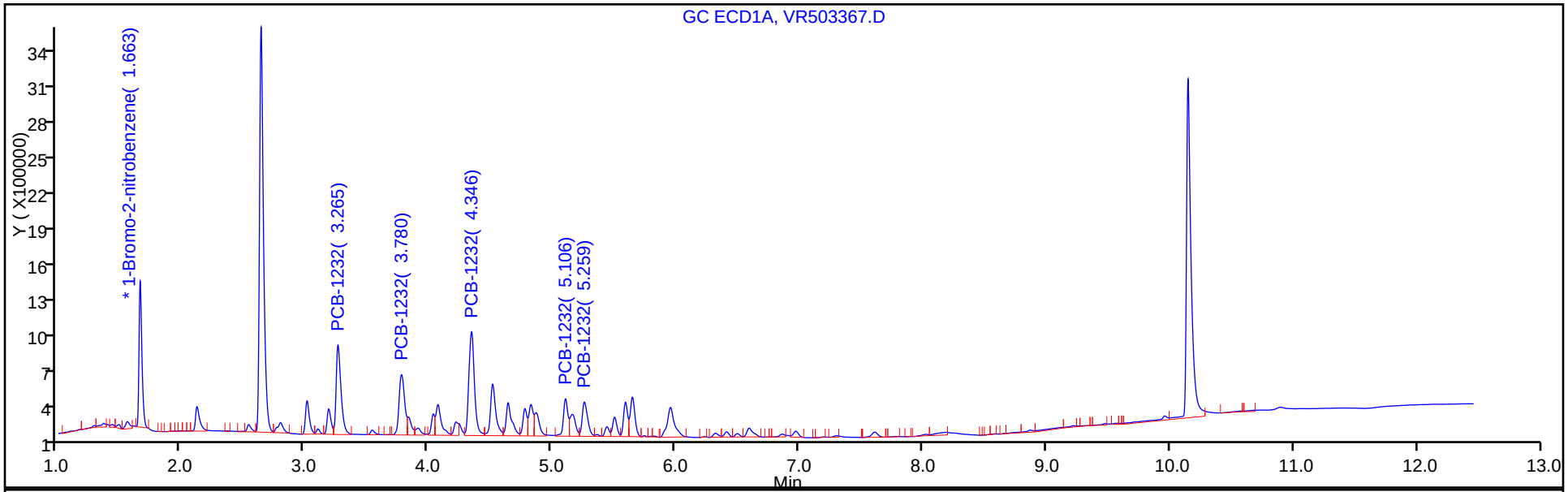
SG1232L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

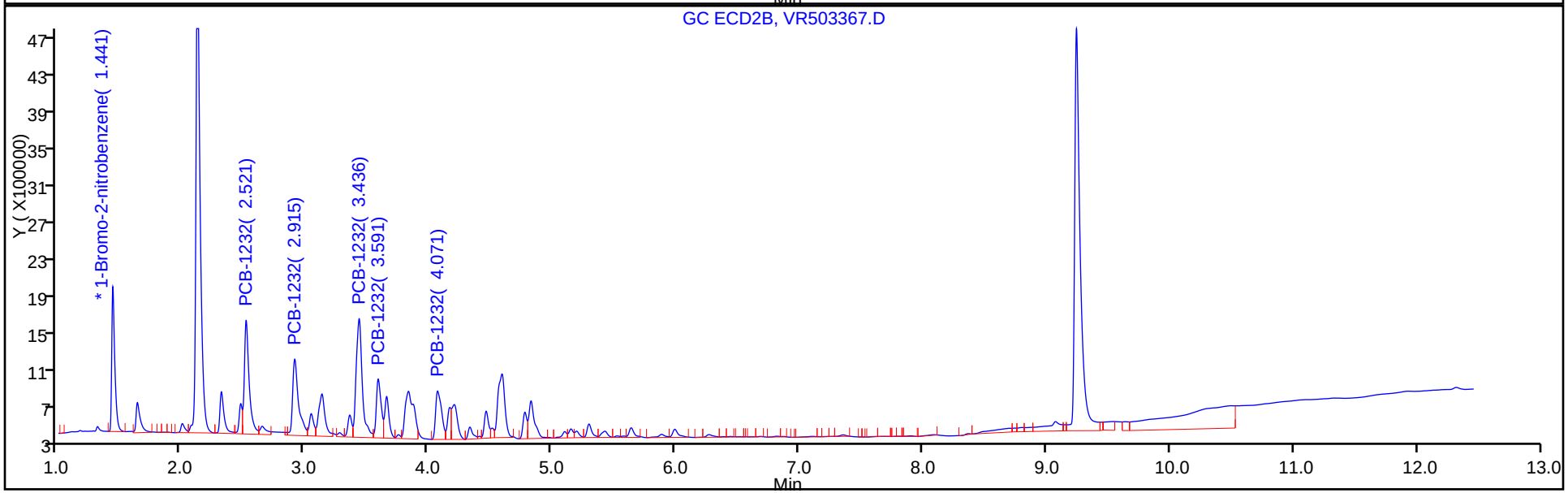
Report Date: 30-Sep-2015 15:35:18 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D

Injection Date:	30-Sep-2015 12:17:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0249					Ave		0.0249						20.0			0.9900
PCB-1232 Peak 2	0.0206					Ave		0.0206						20.0			0.9900
PCB-1232 Peak 3	0.0326					Ave		0.0326						20.0			0.9900
PCB-1232 Peak 4	0.0128					Ave		0.0128						20.0			0.9900
PCB-1232 Peak 5	0.0131					Ave		0.0131						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:17 Calibration End Date: 09/30/2015 12:17 Calibration ID: 52523

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/9	VR503367.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	3341882					1000				
PCB-1232 Peak 2	BNB	Ave	2765679					1000				
PCB-1232 Peak 3	BNB	Ave	4387161					1000				
PCB-1232 Peak 4	BNB	Ave	1717494					1000				
PCB-1232 Peak 5	BNB	Ave	1759308					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:17:30 ALS Bottle#: 11 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-009
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub3

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:16 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:28:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	1969125	20.0	20.0	M
2	1.441	1.441	0.000	2687819	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	3.265	3.265	0.000	2041256	1000.0	1000.0	M
1	3.780	3.780	0.000	1595604	1000.0	1000.0	M
1	4.346	4.346	0.000	2730933	1000.0	1000.0	M
1	5.106	5.106	0.000	785997	1000.0	1000.0	M
1	5.259	5.259	0.000	880271	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.521	2.521	0.000	3341882	1000.0	1000.0	M
2	2.915	2.915	0.000	2765679	1000.0	1000.0	M
2	3.436	3.436	0.000	4387161	1000.0	1000.0	M
2	3.591	3.591	0.000	1717494	1000.0	1000.0	M
2	4.071	4.071	0.000	1759308	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

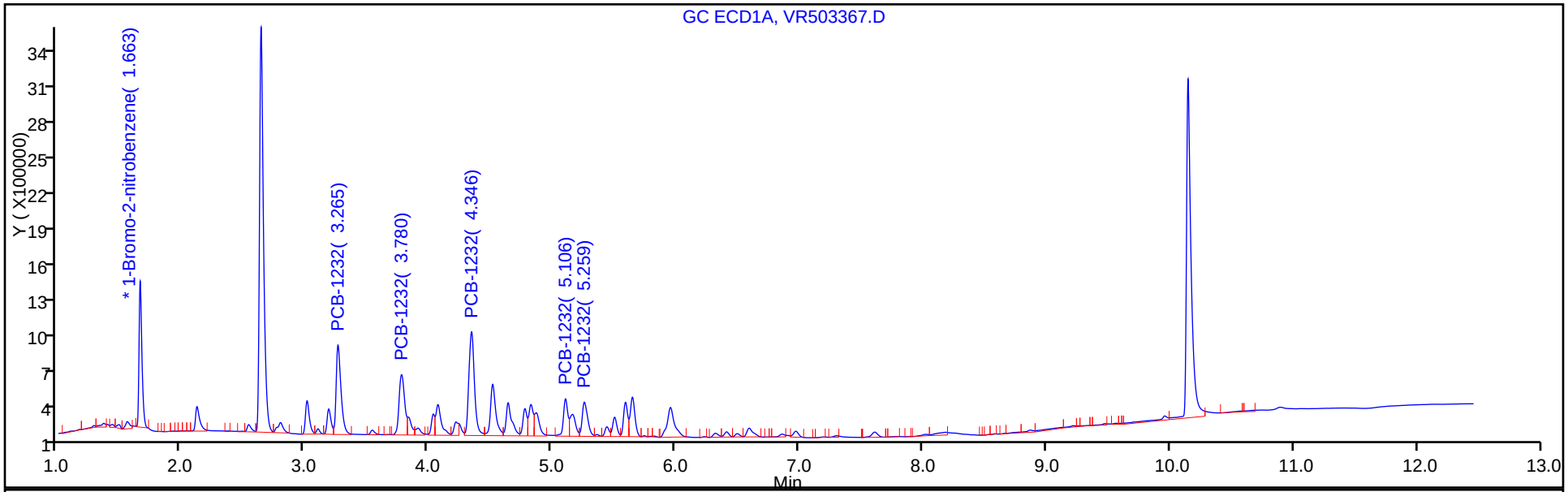
SG1232L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

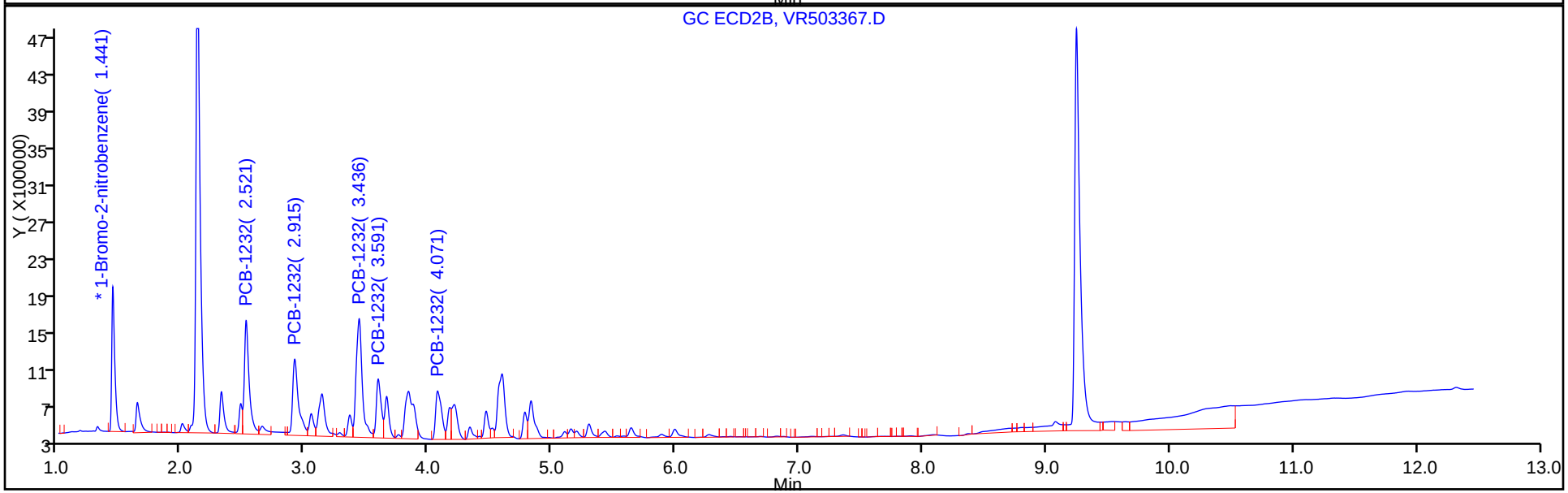
Report Date: 30-Sep-2015 15:35:19 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503367.D

Injection Date:	30-Sep-2015 12:17:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1232			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0149					Ave		0.0149						20.0			0.9900
PCB-1242 Peak 2	0.0317					Ave		0.0317						20.0			0.9900
PCB-1242 Peak 3	0.0524					Ave		0.0524						20.0			0.9900
PCB-1242 Peak 4	0.0237					Ave		0.0237						20.0			0.9900
PCB-1242 Peak 5	0.0210					Ave		0.0210						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52528

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	1530897					1000				
PCB-1242 Peak 2	BNB	Ave	3263981					1000				
PCB-1242 Peak 3	BNB	Ave	5390283					1000				
PCB-1242 Peak 4	BNB	Ave	2438022					1000				
PCB-1242 Peak 5	BNB	Ave	2155996					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:33:17 ALS Bottle#: 12 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:21 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:27:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	2056482	20.0	20.0	M
2	1.442	1.442	0.000	3061042	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	3.265	3.265	0.000	1530897	1000.0	1000.0	M
1	3.781	3.781	0.000	3263981	1000.0	1000.0	M
1	4.348	4.348	0.000	5390283	1000.0	1000.0	M
1	4.519	4.519	0.000	2438022	1000.0	1000.0	M
1	5.650	5.650	0.000	2155996	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.523	2.523	0.000	2428345	1000.0	1000.0	M
2	2.916	2.916	0.000	4878855	1000.0	1000.0	M
2	3.438	3.438	0.000	9803732	1000.0	1000.0	M
2	3.592	3.592	0.000	3707179	1000.0	1000.0	M
2	4.073	4.073	0.000	4013065	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

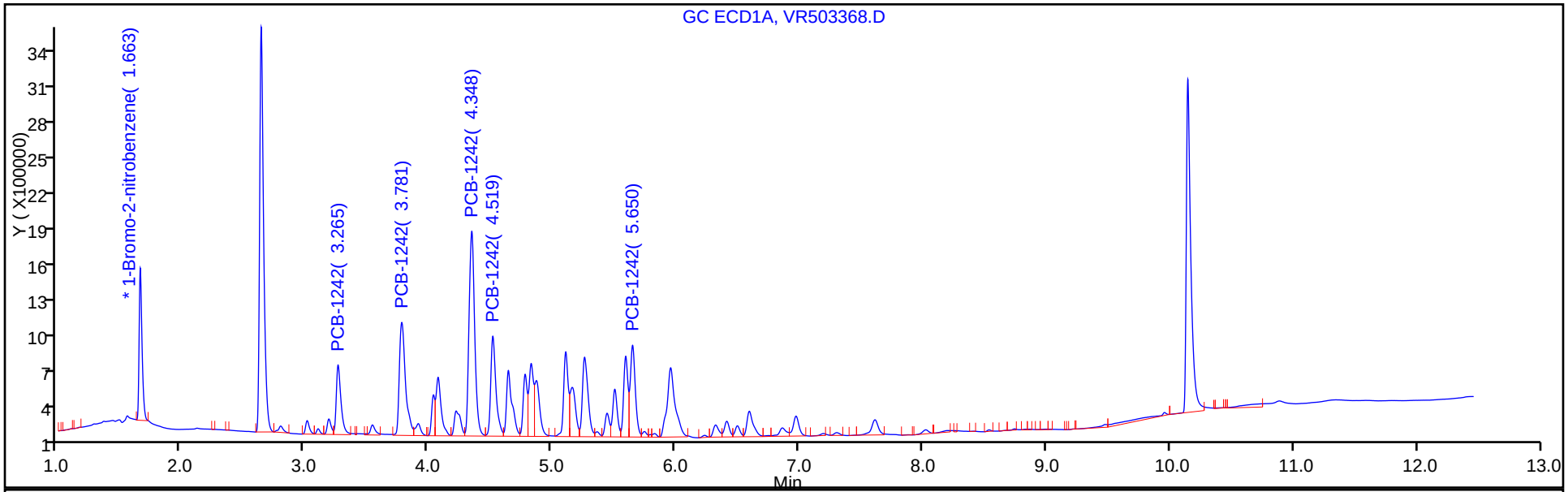
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

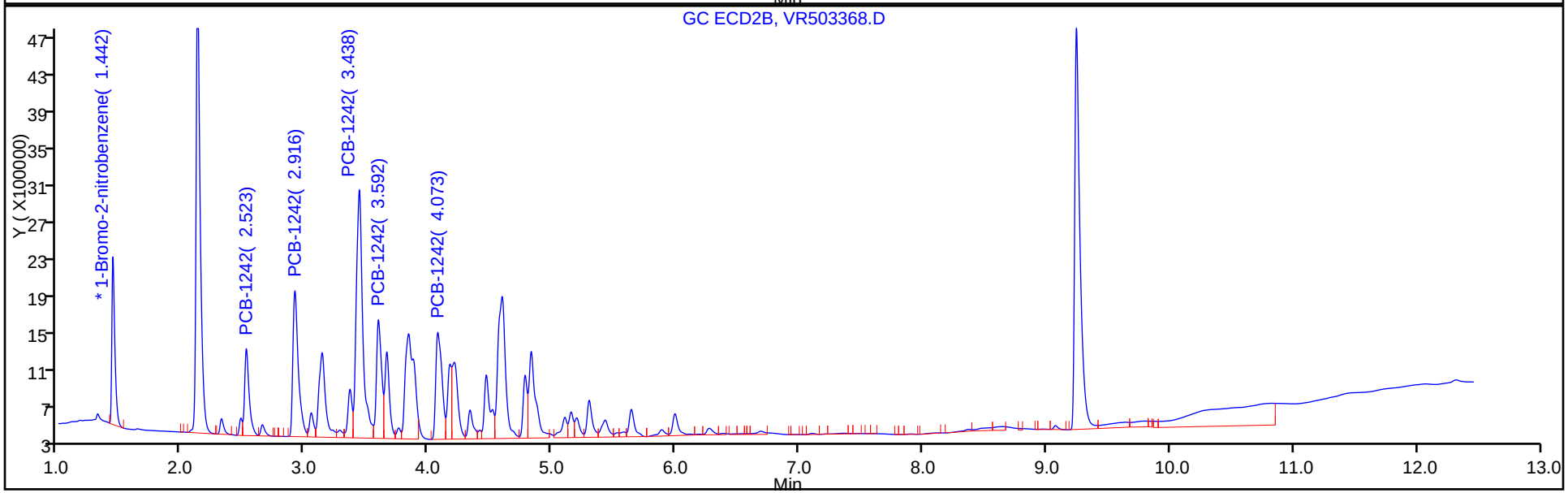
Report Date: 30-Sep-2015 15:35:23 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D

Injection Date:	30-Sep-2015 12:33:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0159					Ave		0.0159						20.0			0.9900
PCB-1242 Peak 2	0.0319					Ave		0.0319						20.0			0.9900
PCB-1242 Peak 3	0.0641					Ave		0.0641						20.0			0.9900
PCB-1242 Peak 4	0.0242					Ave		0.0242						20.0			0.9900
PCB-1242 Peak 5	0.0262					Ave		0.0262						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:33 Calibration End Date: 09/30/2015 12:33 Calibration ID: 52529

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/10	VR503368.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	2428345					1000				
PCB-1242 Peak 2	BNB	Ave	4878855					1000				
PCB-1242 Peak 3	BNB	Ave	9803732					1000				
PCB-1242 Peak 4	BNB	Ave	3707179					1000				
PCB-1242 Peak 5	BNB	Ave	4013065					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:33:17 ALS Bottle#: 12 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-010
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:21 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:27:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.663	1.663	0.000	2056482	20.0	20.0	M
2	1.442	1.442	0.000	3061042	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	3.265	3.265	0.000	1530897	1000.0	1000.0	M
1	3.781	3.781	0.000	3263981	1000.0	1000.0	M
1	4.348	4.348	0.000	5390283	1000.0	1000.0	M
1	4.519	4.519	0.000	2438022	1000.0	1000.0	M
1	5.650	5.650	0.000	2155996	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	2.523	2.523	0.000	2428345	1000.0	1000.0	M
2	2.916	2.916	0.000	4878855	1000.0	1000.0	M
2	3.438	3.438	0.000	9803732	1000.0	1000.0	M
2	3.592	3.592	0.000	3707179	1000.0	1000.0	M
2	4.073	4.073	0.000	4013065	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

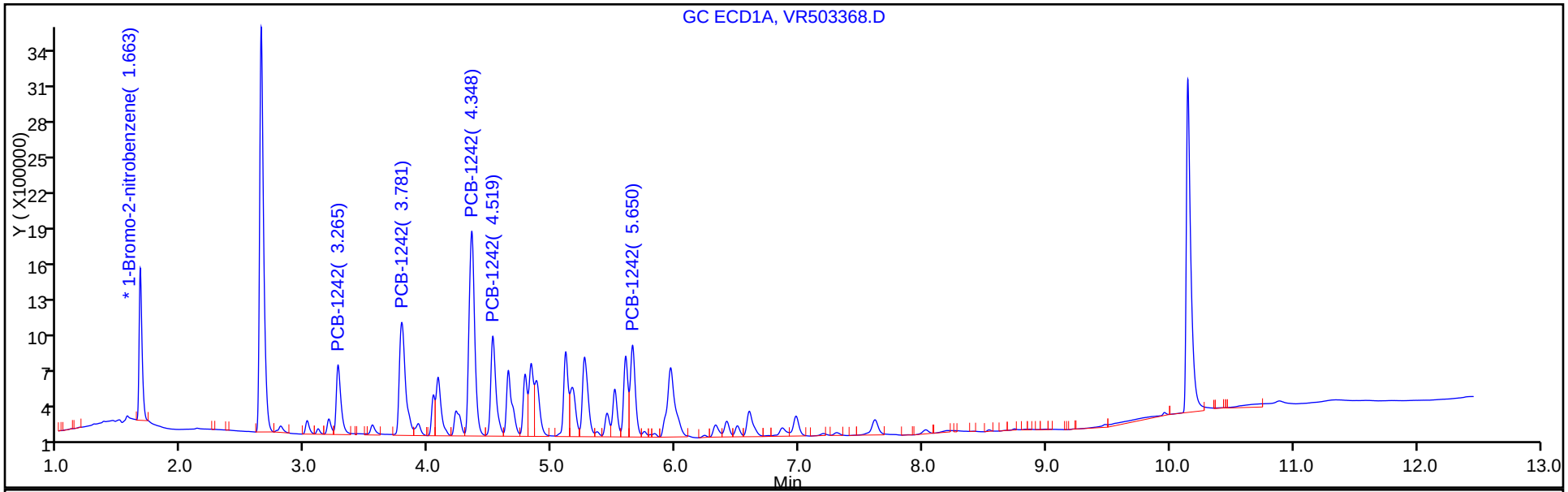
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

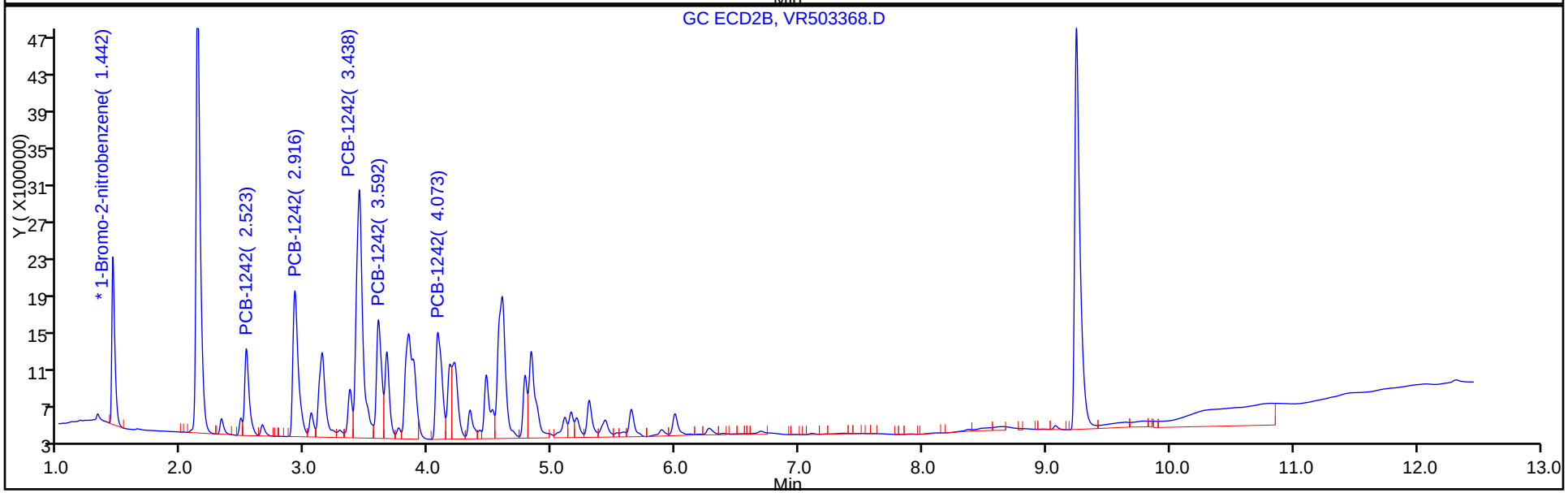
Report Date: 30-Sep-2015 15:35:23 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503368.D

Injection Date:	30-Sep-2015 12:33:17	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1242			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0206					Ave		0.0206						20.0			0.9900
PCB-1248 Peak 2	0.0419					Ave		0.0419						20.0			0.9900
PCB-1248 Peak 3	0.0243					Ave		0.0243						20.0			0.9900
PCB-1248 Peak 4	0.0328					Ave		0.0328						20.0			0.9900
PCB-1248 Peak 5	0.0453					Ave		0.0453						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52534

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	1702321					1000				
PCB-1248 Peak 2	BNB	Ave	3462458					1000				
PCB-1248 Peak 3	BNB	Ave	2006006					1000				
PCB-1248 Peak 4	BNB	Ave	2704744					1000				
PCB-1248 Peak 5	BNB	Ave	3743370					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:49:04 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-011
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:26 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1651362	20.0	20.0	M
2	1.442	1.442	0.000	3270324	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.778	3.778	0.000	1702321	1000.0	1000.0	
1	4.347	4.347	0.000	3462458	1000.0	1000.0	
1	4.780	4.780	0.000	2006006	1000.0	1000.0	
1	5.595	5.595	0.000	2704744	1000.0	1000.0	
1	5.650	5.650	0.000	3743370	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.914	2.914	0.000	2537591	1000.0	1000.0	
2	3.437	3.437	0.000	5458760	1000.0	1000.0	M
2	4.072	4.072	0.000	5419835	1000.0	1000.0	
2	4.593	4.593	0.000	10208130	1000.0	1000.0	
2	4.831	4.831	0.000	6188765	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

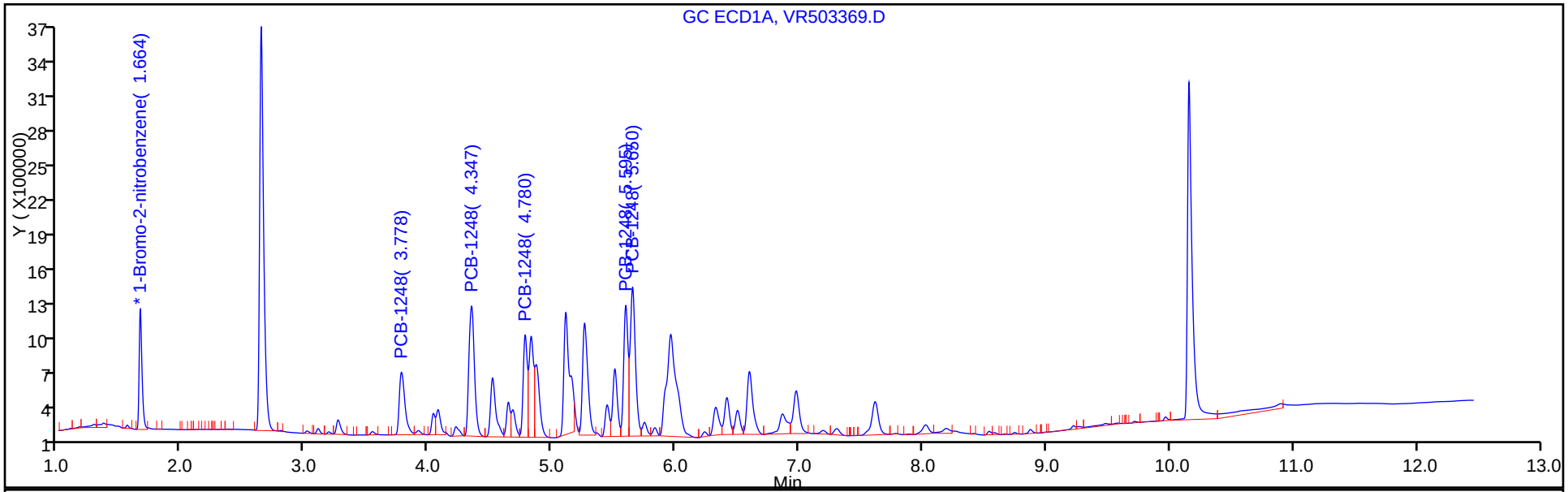
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

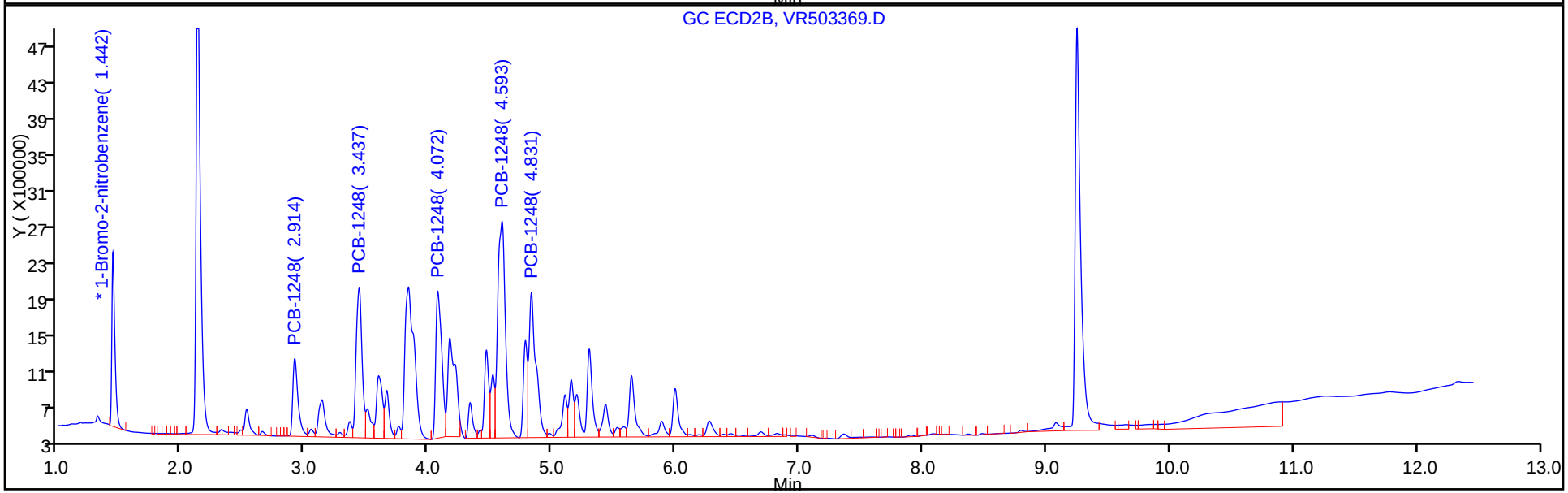
Report Date: 30-Sep-2015 15:35:29 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D

Injection Date:	30-Sep-2015 12:49:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0155					Ave		0.0155						20.0			0.9900
PCB-1248 Peak 2	0.0334					Ave		0.0334						20.0			0.9900
PCB-1248 Peak 3	0.0331					Ave		0.0331						20.0			0.9900
PCB-1248 Peak 4	0.0624					Ave		0.0624						20.0			0.9900
PCB-1248 Peak 5	0.0378					Ave		0.0378						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 12:49 Calibration End Date: 09/30/2015 12:49 Calibration ID: 52535

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/11	VR503369.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	2537591					1000				
PCB-1248 Peak 2	BNB	Ave	5458760					1000				
PCB-1248 Peak 3	BNB	Ave	5419835					1000				
PCB-1248 Peak 4	BNB	Ave	10208130					1000				
PCB-1248 Peak 5	BNB	Ave	6188765					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 12:49:04 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-011
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:26 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1651362	20.0	20.0	M
2	1.442	1.442	0.000	3270324	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.778	3.778	0.000	1702321	1000.0	1000.0	
1	4.347	4.347	0.000	3462458	1000.0	1000.0	
1	4.780	4.780	0.000	2006006	1000.0	1000.0	
1	5.595	5.595	0.000	2704744	1000.0	1000.0	
1	5.650	5.650	0.000	3743370	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.914	2.914	0.000	2537591	1000.0	1000.0	
2	3.437	3.437	0.000	5458760	1000.0	1000.0	M
2	4.072	4.072	0.000	5419835	1000.0	1000.0	
2	4.593	4.593	0.000	10208130	1000.0	1000.0	
2	4.831	4.831	0.000	6188765	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

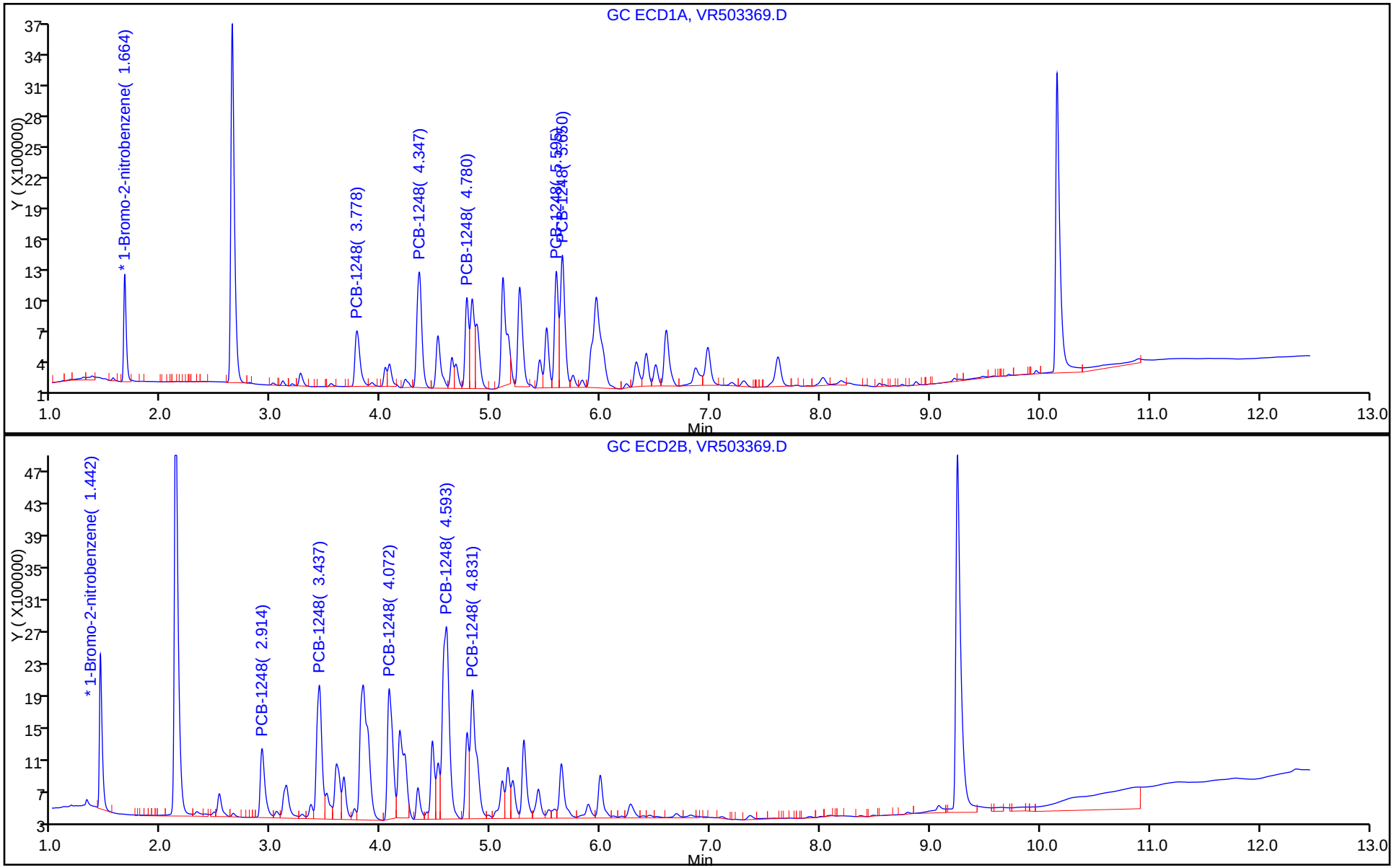
SG1248L3_00023	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 30-Sep-2015 15:35:30 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503369.D

Injection Date:	30-Sep-2015 12:49:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1248			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0448					Ave		0.0448						20.0			0.9900
PCB-1254 Peak 2	0.0490					Ave		0.0490						20.0			0.9900
PCB-1254 Peak 3	0.0346					Ave		0.0346						20.0			0.9900
PCB-1254 Peak 4	0.0736					Ave		0.0736						20.0			0.9900
PCB-1254 Peak 5	0.0676					Ave		0.0676						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52540

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	3860571					1000				
PCB-1254 Peak 2	BNB	Ave	4216294					1000				
PCB-1254 Peak 3	BNB	Ave	2981711					1000				
PCB-1254 Peak 4	BNB	Ave	6336916					1000				
PCB-1254 Peak 5	BNB	Ave	5818339					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:04:50 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-012
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:33 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1721804	20.0	20.0	
2	1.443	1.443	0.000	2728410	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.645	5.645	0.000	3860571	1000.0	1000.0	M
1	5.915	5.915	0.000	4216294	1000.0	1000.0	M
1	6.415	6.415	0.000	2981711	1000.0	1000.0	M
1	6.597	6.597	0.000	6336916	1000.0	1000.0	M
1	8.024	8.024	0.000	5818339	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.154	5.154	0.000	5017042	1000.0	1000.0	M
2	5.300	5.300	0.000	9041499	1000.0	1000.0	M
2	5.642	5.642	0.000	7694116	1000.0	1000.0	M
2	5.888	5.888	0.000	6782396	1000.0	1000.0	M
2	6.273	6.273	0.000	9107385	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

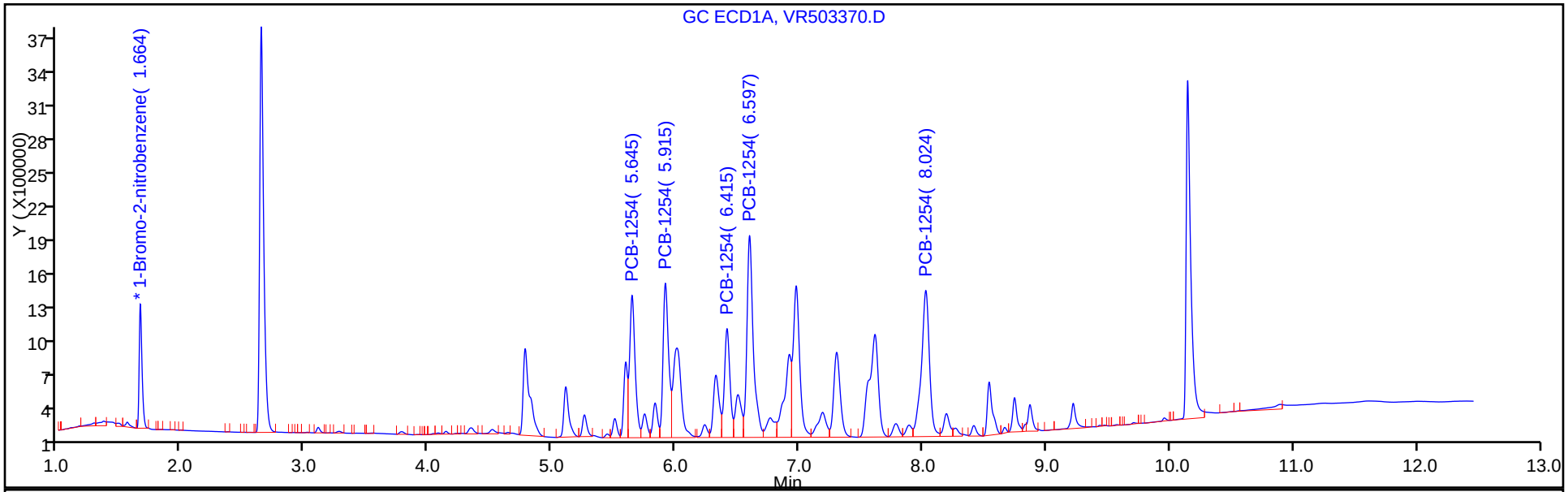
SG1254L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

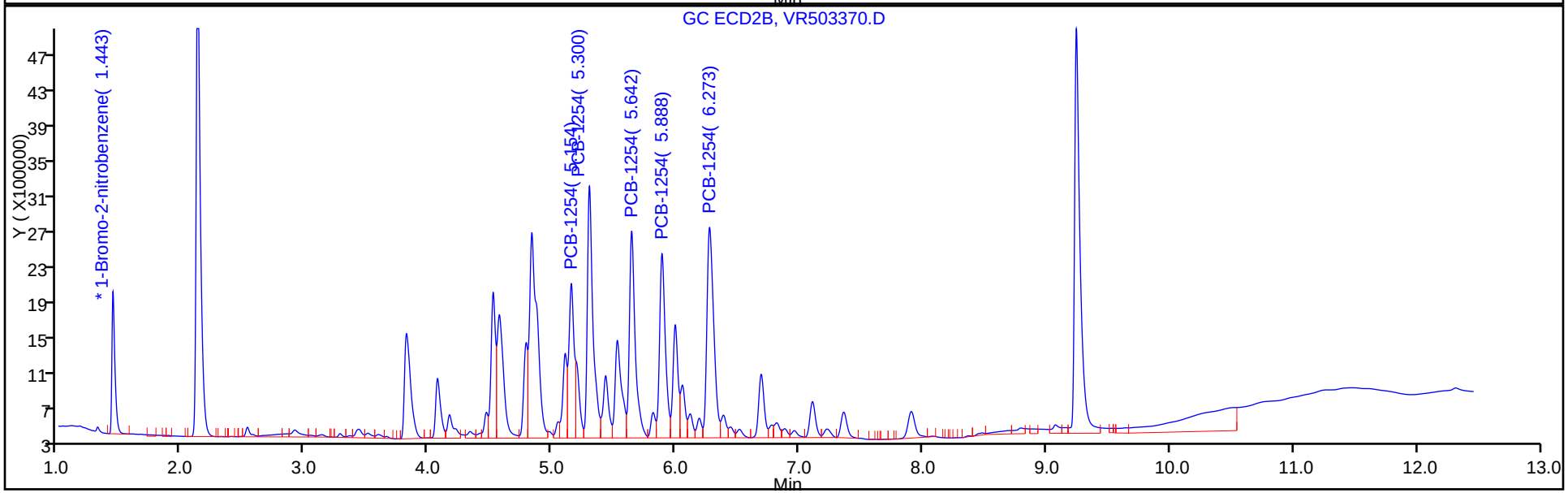
Report Date: 30-Sep-2015 15:35:35 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D

Injection Date:	30-Sep-2015 13:04:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0368					Ave		0.0368						20.0			0.9900
PCB-1254 Peak 2	0.0663					Ave		0.0663						20.0			0.9900
PCB-1254 Peak 3	0.0564					Ave		0.0564						20.0			0.9900
PCB-1254 Peak 4	0.0497					Ave		0.0497						20.0			0.9900
PCB-1254 Peak 5	0.0668					Ave		0.0668						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:04 Calibration End Date: 09/30/2015 13:04 Calibration ID: 52541

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/12	VR503370.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	5017042					1000				
PCB-1254 Peak 2	BNB	Ave	9041499					1000				
PCB-1254 Peak 3	BNB	Ave	7694116					1000				
PCB-1254 Peak 4	BNB	Ave	6782396					1000				
PCB-1254 Peak 5	BNB	Ave	9107385					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:04:50 ALS Bottle#: 14 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-012
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub6

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:33 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:26:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1721804	20.0	20.0	
2	1.443	1.443	0.000	2728410	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	5.645	5.645	0.000	3860571	1000.0	1000.0	M
1	5.915	5.915	0.000	4216294	1000.0	1000.0	M
1	6.415	6.415	0.000	2981711	1000.0	1000.0	M
1	6.597	6.597	0.000	6336916	1000.0	1000.0	M
1	8.024	8.024	0.000	5818339	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.154	5.154	0.000	5017042	1000.0	1000.0	M
2	5.300	5.300	0.000	9041499	1000.0	1000.0	M
2	5.642	5.642	0.000	7694116	1000.0	1000.0	M
2	5.888	5.888	0.000	6782396	1000.0	1000.0	M
2	6.273	6.273	0.000	9107385	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

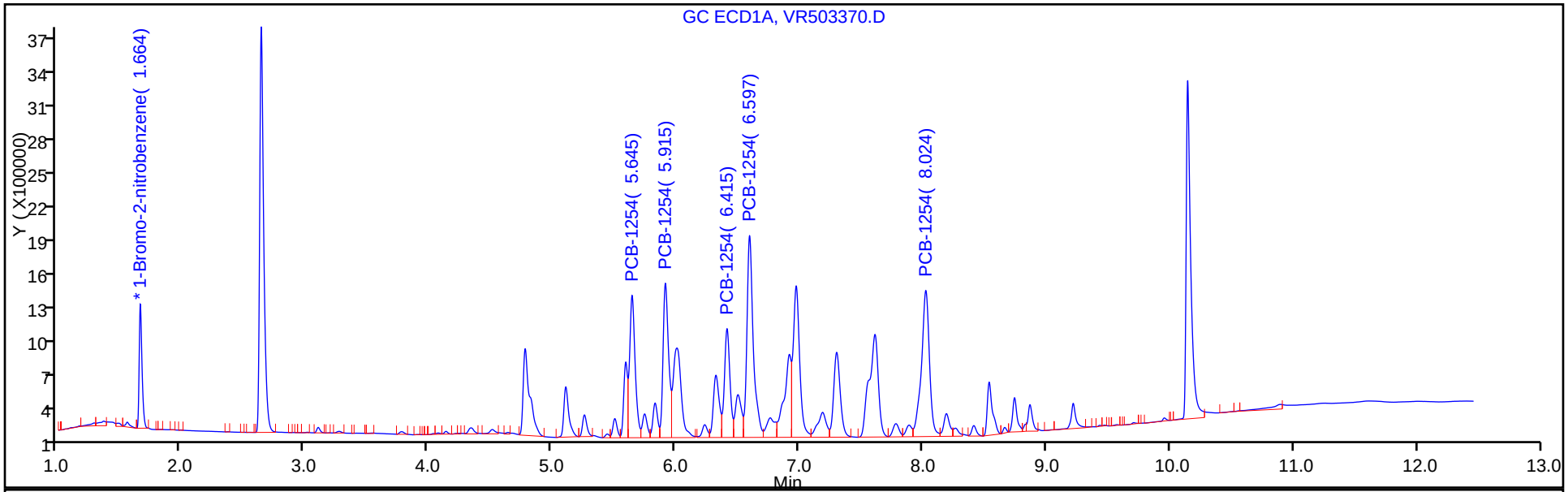
SG1254L3_00025	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

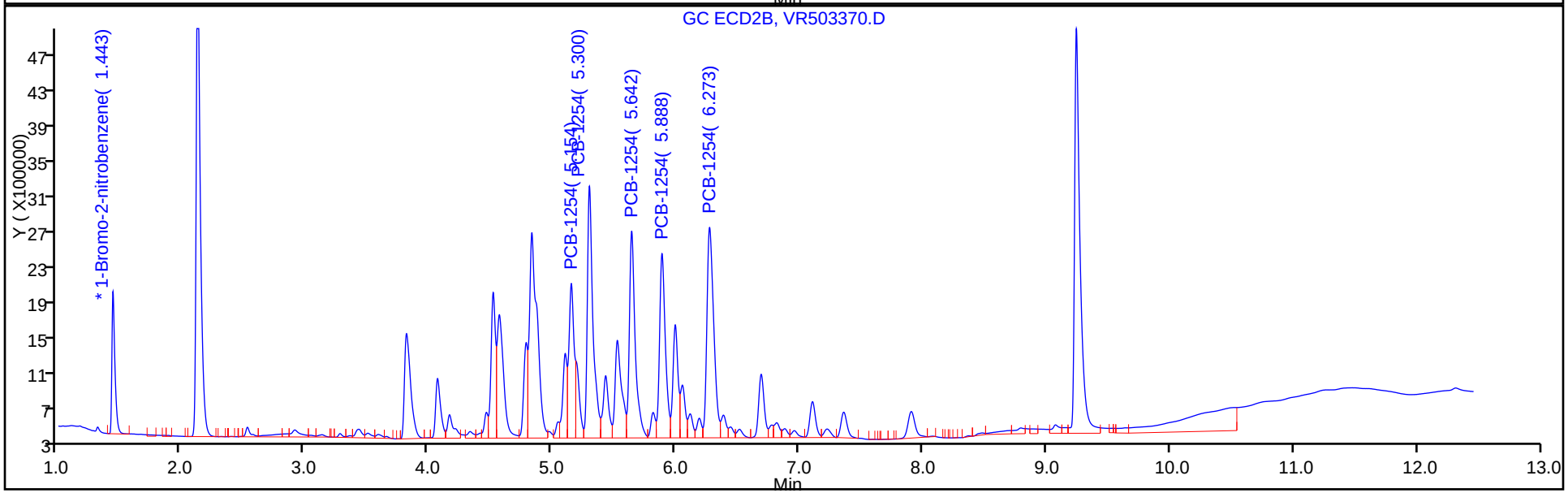
Report Date: 30-Sep-2015 15:35:36 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503370.D

Injection Date:	30-Sep-2015 13:04:50	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1254			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0444					Ave		0.0444						20.0			0.9900
PCB-1262 Peak 2	0.0520					Ave		0.0520						20.0			0.9900
PCB-1262 Peak 3	0.0638					Ave		0.0638						20.0			0.9900
PCB-1262 Peak 4	0.0621					Ave		0.0621						20.0			0.9900
PCB-1262 Peak 5	0.0398					Ave		0.0398						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52546

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	3657228					1000				
PCB-1262 Peak 2	BNB	Ave	4279239					1000				
PCB-1262 Peak 3	BNB	Ave	5252441					1000				
PCB-1262 Peak 4	BNB	Ave	5109250					1000				
PCB-1262 Peak 5	BNB	Ave	3277569					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:20:38 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-013
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:25:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1645701	20.0	20.0	M
2	1.442	1.442	0.000	3118334	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							M
1	6.921	6.921	0.000	3657228	1000.0	1000.0	
1	7.303	7.303	0.000	4279239	1000.0	1000.0	
1	8.190	8.190	0.000	5252441	1000.0	1000.0	M
1	9.212	9.212	0.000	5109250	1000.0	1000.0	M
1	9.697	9.697	0.000	3277569	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.527	5.527	0.000	5890880	1000.0	1000.0	M
2	6.448	6.448	0.000	8943110	1000.0	1000.0	M
2	7.906	7.906	0.000	5143406	1000.0	1000.0	M
2	8.081	8.081	0.000	7418165	1000.0	1000.0	M
2	8.790	8.790	0.000	5970778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

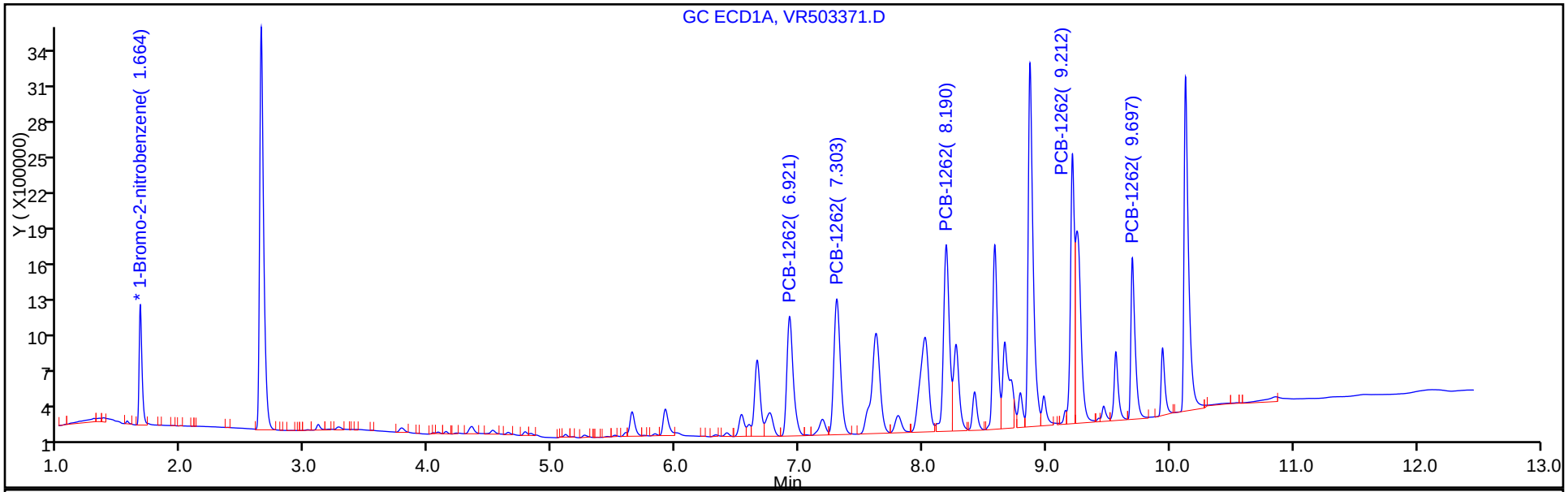
SG1262L3_00021	Amount Added: 1.00	Units: mL	
SGPCBISTD_00003	Amount Added: 20.00	Units: uL	Run Reagent

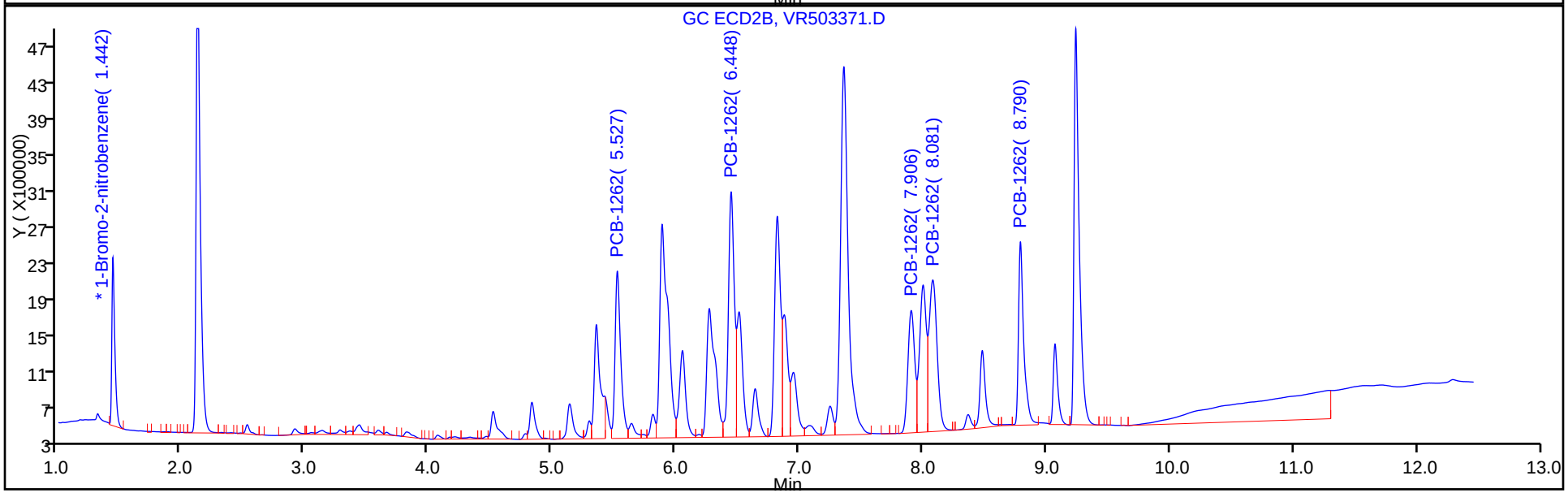
Report Date: 30-Sep-2015 15:35:41 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D

Injection Date:	30-Sep-2015 13:20:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0378					Ave		0.0378						20.0			0.9900
PCB-1262 Peak 2	0.0574					Ave		0.0574						20.0			0.9900
PCB-1262 Peak 3	0.0330					Ave		0.0330						20.0			0.9900
PCB-1262 Peak 4	0.0476					Ave		0.0476						20.0			0.9900
PCB-1262 Peak 5	0.0383					Ave		0.0383						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:20 Calibration End Date: 09/30/2015 13:20 Calibration ID: 52547

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/13	VR503371.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	5890880					1000				
PCB-1262 Peak 2	BNB	Ave	8943110					1000				
PCB-1262 Peak 3	BNB	Ave	5143406					1000				
PCB-1262 Peak 4	BNB	Ave	7418165					1000				
PCB-1262 Peak 5	BNB	Ave	5970778					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:20:38 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-013
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub7

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:25:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1645701	20.0	20.0	M
2	1.442	1.442	0.000	3118334	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							M
1	6.921	6.921	0.000	3657228	1000.0	1000.0	
1	7.303	7.303	0.000	4279239	1000.0	1000.0	
1	8.190	8.190	0.000	5252441	1000.0	1000.0	M
1	9.212	9.212	0.000	5109250	1000.0	1000.0	M
1	9.697	9.697	0.000	3277569	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	5.527	5.527	0.000	5890880	1000.0	1000.0	M
2	6.448	6.448	0.000	8943110	1000.0	1000.0	M
2	7.906	7.906	0.000	5143406	1000.0	1000.0	M
2	8.081	8.081	0.000	7418165	1000.0	1000.0	M
2	8.790	8.790	0.000	5970778	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

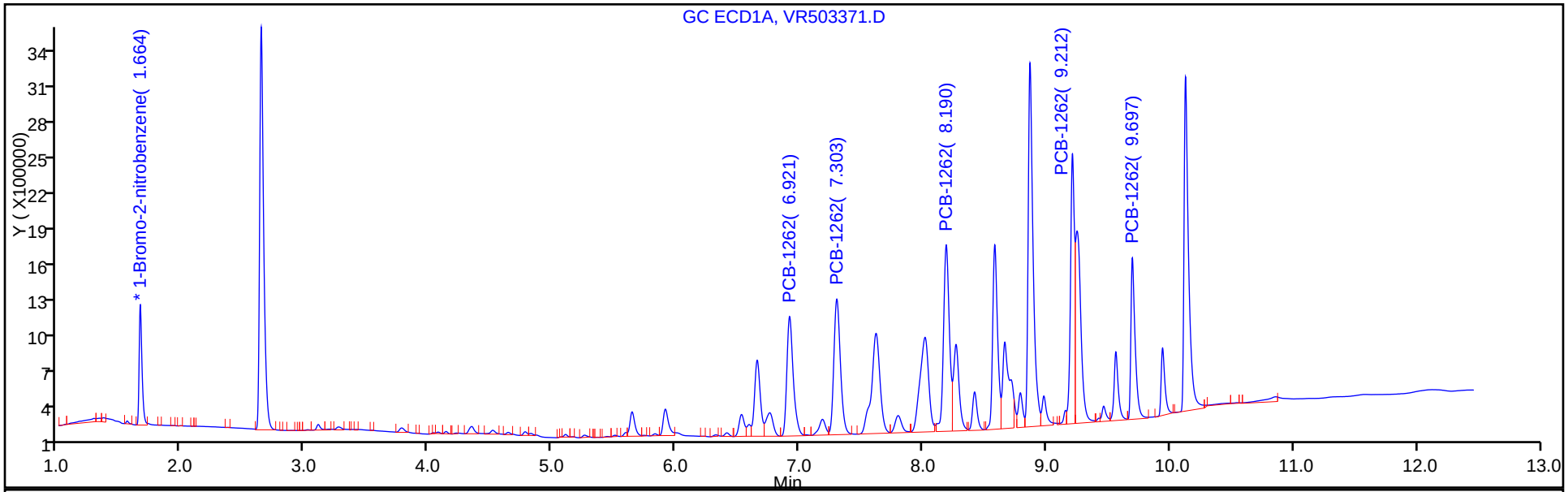
SG1262L3_00021	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

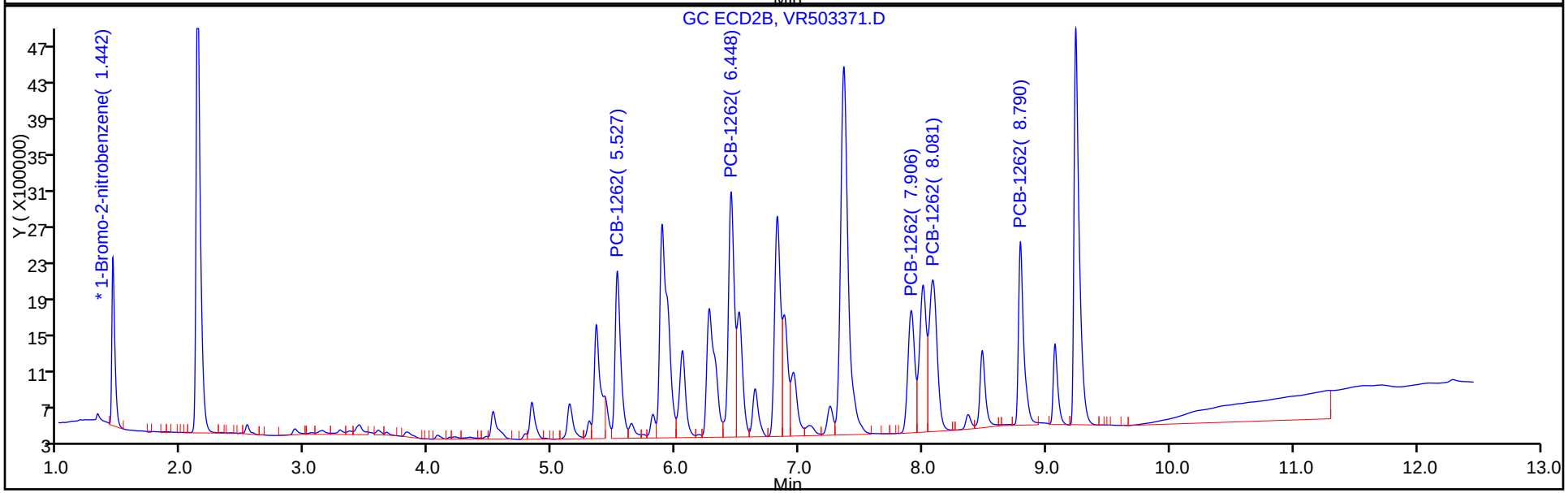
Report Date: 30-Sep-2015 15:35:41 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503371.D

Injection Date:	30-Sep-2015 13:20:38	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1262			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0888					Ave		0.0888						20.0			0.9900
PCB-1268 Peak 2	0.1522					Ave		0.1522						20.0			0.9900
PCB-1268 Peak 3	0.0971					Ave		0.0971						20.0			0.9900
PCB-1268 Peak 4	0.0432					Ave		0.0432						20.0			0.9900
PCB-1268 Peak 5	0.3024					Ave		0.3024						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52552

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	7074941					1000				
PCB-1268 Peak 2	BNB	Ave	12132679					1000				
PCB-1268 Peak 3	BNB	Ave	7738025					1000				
PCB-1268 Peak 4	BNB	Ave	3440394					1000				
PCB-1268 Peak 5	BNB	Ave	24106251					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:36:26 ALS Bottle#: 16 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-014
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:44 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:24:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1594212	20.0	20.0	M
2	1.442	1.442	0.000	3177885	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							
1	9.212	9.212	0.000	7074941	1000.0	1000.0	a
1	9.250	9.250	0.000	12132679	1000.0	1000.0	a
1	9.469	9.469	0.000	7738025	1000.0	1000.0	
1	9.700	9.700	0.000	3440394	1000.0	1000.0	
1	9.947	9.947	0.000	24106251	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	8.002	8.002	0.000	18532756	1000.0	1000.0	
2	8.070	8.070	0.000	21887720	1000.0	1000.0	
2	8.367	8.367	0.000	15540296	1000.0	1000.0	
2	8.791	8.791	0.000	7021637	1000.0	1000.0	a
2	9.072	9.072	0.000	42062876	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

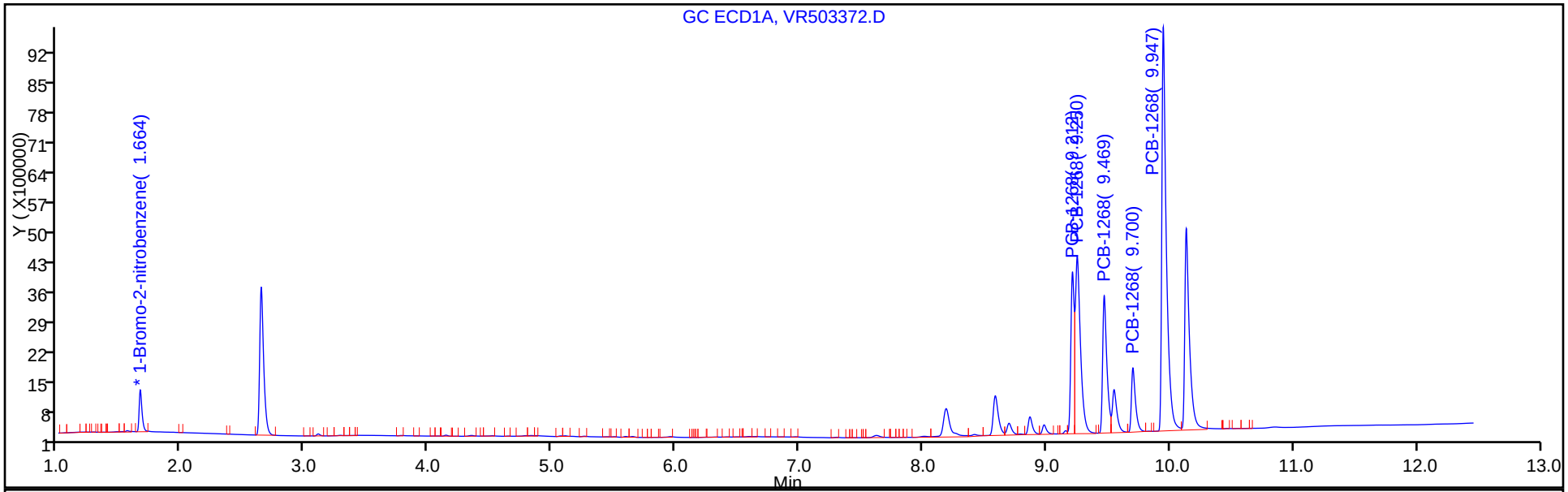
SG1268L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

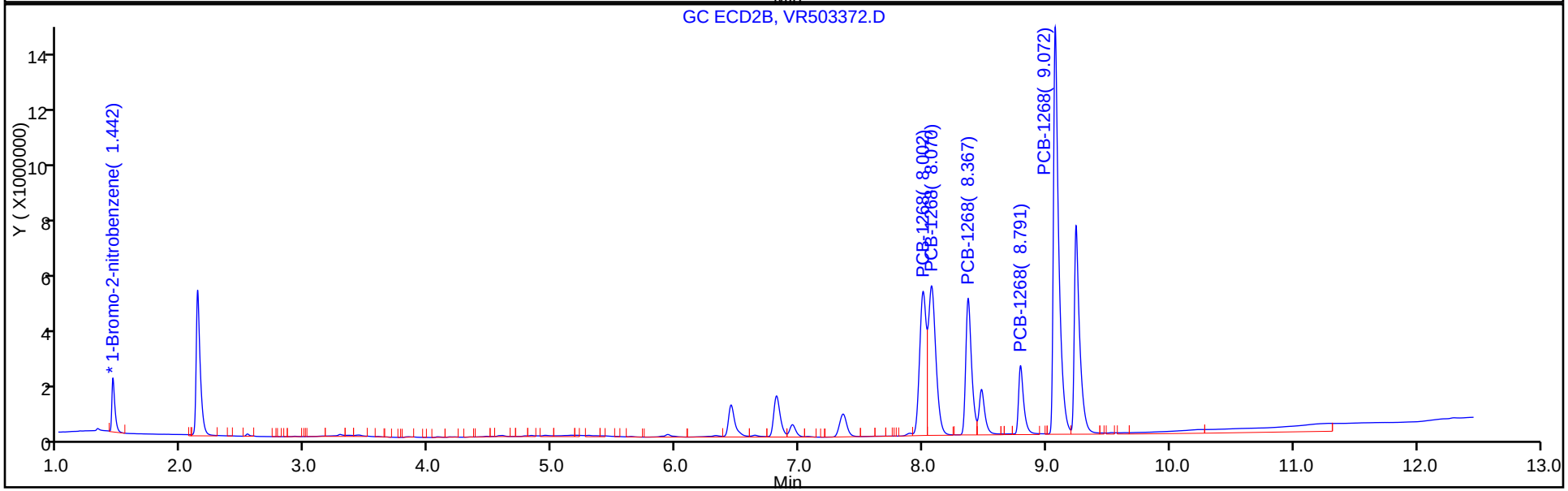
Report Date: 30-Sep-2015 15:35:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Injection Date:	30-Sep-2015 13:36:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.1166					Ave		0.1166						20.0			0.9900
PCB-1268 Peak 2	0.1378					Ave		0.1378						20.0			0.9900
PCB-1268 Peak 3	0.0978					Ave		0.0978						20.0			0.9900
PCB-1268 Peak 4	0.0442					Ave		0.0442						20.0			0.9900
PCB-1268 Peak 5	0.2647					Ave		0.2647						20.0			0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 325682

SDG No.:

Instrument ID: CPESTGC9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/30/2015 13:36 Calibration End Date: 09/30/2015 13:36 Calibration ID: 52553

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-325682/14	VR503372.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	18532756					1000				
PCB-1268 Peak 2	BNB	Ave	21887720					1000				
PCB-1268 Peak 3	BNB	Ave	15540296					1000				
PCB-1268 Peak 4	BNB	Ave	7021637					1000				
PCB-1268 Peak 5	BNB	Ave	42062876					1000				

Curve Type Legend:
Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Sep-2015 13:36:26 ALS Bottle#: 16 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0032378-014
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub8

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 30-Sep-2015 15:35:44 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK050

First Level Reviewer: patelji Date: 30-Sep-2015 15:24:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.664	1.664	0.000	1594212	20.0	20.0	M
2	1.442	1.442	0.000	3177885	20.0	20.0	M
						RPD = 0.00	
10 PCB-1268							
1	9.212	9.212	0.000	7074941	1000.0	1000.0	a
1	9.250	9.250	0.000	12132679	1000.0	1000.0	a
1	9.469	9.469	0.000	7738025	1000.0	1000.0	
1	9.700	9.700	0.000	3440394	1000.0	1000.0	
1	9.947	9.947	0.000	24106251	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	8.002	8.002	0.000	18532756	1000.0	1000.0	
2	8.070	8.070	0.000	21887720	1000.0	1000.0	
2	8.367	8.367	0.000	15540296	1000.0	1000.0	
2	8.791	8.791	0.000	7021637	1000.0	1000.0	a
2	9.072	9.072	0.000	42062876	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

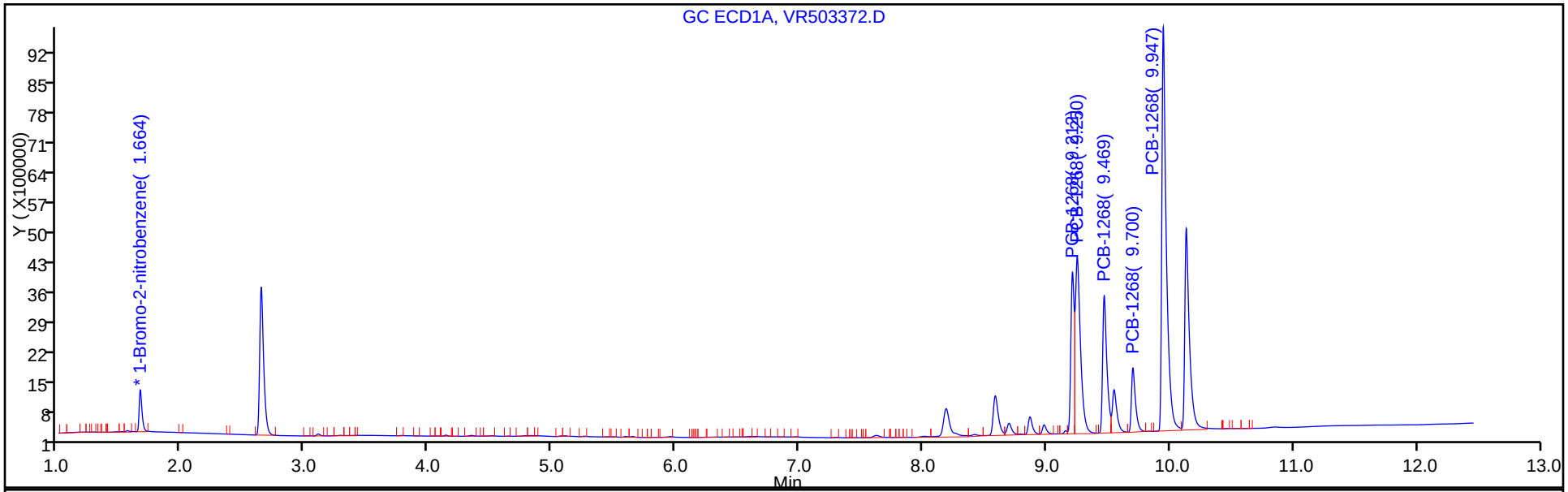
SG1268L3_00022	Amount Added:	1.00	Units: mL	
SGPCBISTD_00003	Amount Added:	20.00	Units: uL	Run Reagent

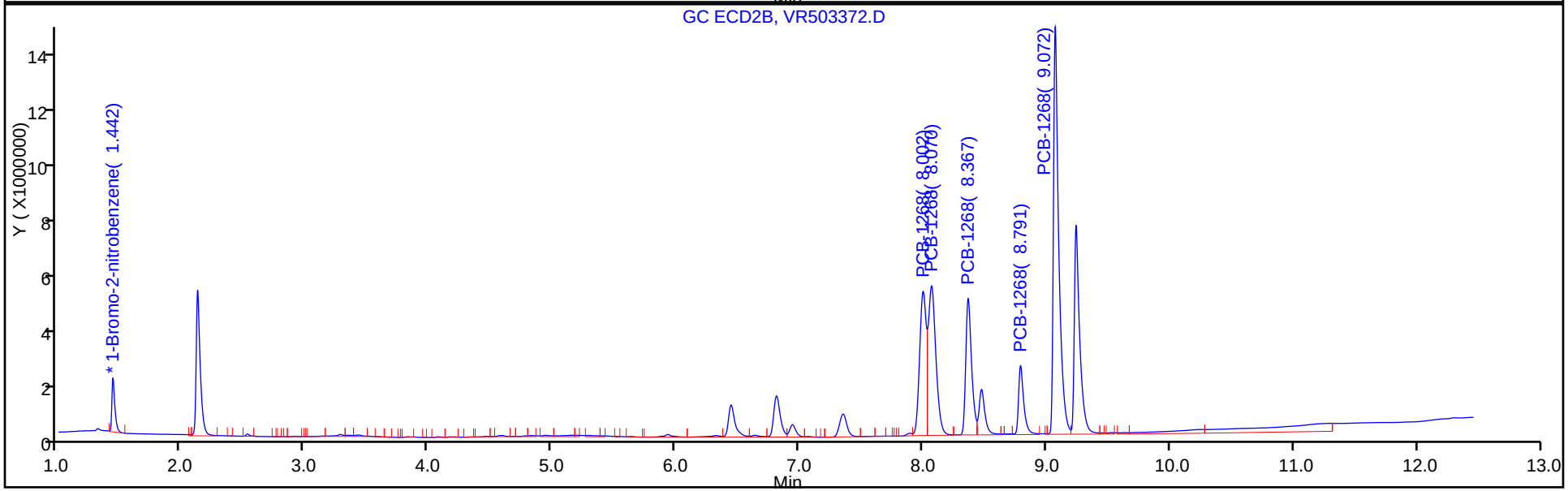
Report Date: 30-Sep-2015 15:35:46 Chrom Revision: 2.2 08-Sep-2015 13:41:46

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Injection Date:	30-Sep-2015 13:36:26	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	IC 1268			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333978/2 Calibration Date: 11/08/2015 15:44

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008205.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0221	0.0234		1060	1000	5.8	20.0
PCB-1016 Peak 2	Ave	0.0473	0.0458		969	1000	-3.1	20.0
PCB-1016 Peak 3	Ave	0.0861	0.0808		939	1000	-6.1	20.0
PCB-1016 Peak 4	Ave	0.0294	0.0264		900	1000	-10.0	20.0
PCB-1016 Peak 5	Ave	0.0350	0.0332		949	1000	-5.1	20.0
PCB-1260 Peak 1	Ave	0.0690	0.0636		922	1000	-7.8	20.0
PCB-1260 Peak 2	Ave	0.0807	0.0757		937	1000	-6.3	20.0
PCB-1260 Peak 3	Ave	0.0474	0.0518		1090	1000	9.3	20.0
PCB-1260 Peak 4	Ave	0.1130	0.1034		915	1000	-8.5	20.0
PCB-1260 Peak 5	Ave	0.0289	0.0249		860	1000	-14.0	20.0
Tetrachloro-m-xylene	Ave	0.9554	1.049		110	100	9.8	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.7750		85.6	100	-14.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333978/2 Calibration Date: 11/08/2015 15:44

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008205.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.32	3.25	3.39
PCB-1016 Peak 2	3.84	3.77	3.91
PCB-1016 Peak 3	4.41	4.34	4.48
PCB-1016 Peak 4	5.18	5.11	5.25
PCB-1016 Peak 5	5.34	5.27	5.41
PCB-1260 Peak 1	7.26	7.19	7.33
PCB-1260 Peak 2	7.74	7.67	7.81
PCB-1260 Peak 3	9.57	9.50	9.64
PCB-1260 Peak 4	9.98	9.91	10.05
PCB-1260 Peak 5	11.01	10.94	11.08
Tetrachloro-m-xylene	2.69	2.64	2.74
DCB Decachlorobiphenyl	11.51	11.41	11.61

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008205.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2015 15:44:47 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCV
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 14:05:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.694	1.694	0.000	3189093	20.0	20.0	
2	1.469	1.469	0.000	2082011	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.691	2.691	0.000	16729837	100.0	109.8	
2	2.168	2.168	0.000	12714777	100.0	121.6	M
						RPD = 10.20	
5 PCB-1016							
1	3.322	3.322	0.000	3724330	1000.0	1057.9	
1	3.842	3.842	0.000	7308609	1000.0	969.2	
1	4.414	4.414	0.000	12890300	1000.0	938.7	
1	5.180	5.180	0.000	4216498	1000.0	900.2	
1	5.340	5.340	0.000	5291549	1000.0	949.3	
		Average of Peak Amounts =				963.1	
2	2.564	2.564	0.000	3086706	1000.0	1174.8	
2	2.960	2.960	0.000	6187840	1000.0	1167.4	
2	3.484	3.484	0.000	12193256	1000.0	1191.1	
2	3.639	3.639	0.000	4803387	1000.0	1146.9	
2	4.121	4.121	0.000	5298996	1000.0	1145.3	
		Average of Peak Amounts =				1165.1	
						RPD = 18.99	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.259	7.259	0.000	10140538	1000.0	922.2	
1	7.736	7.736	0.000	12069321	1000.0	937.4	
1	9.569	9.569	0.000	8256664	1000.0	1092.6	
1	9.979	9.979	0.000	16480314	1000.0	914.9	
1	11.006	11.006	0.000	3964437	1000.0	859.6	M
		Average of Peak Amounts =				945.3	
2	5.604	5.604	0.000	7984605	1000.0	1028.5	
2	7.121	7.121	0.000	6459505	1000.0	980.2	
2	7.794	7.794	0.000	15459854	1000.0	1053.1	
2	8.459	8.459	0.000	7699472	1000.0	968.0	
2	9.840	9.840	0.000	3289841	1000.0	1045.5	
		Average of Peak Amounts =				1015.1	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	11.510	11.510	0.000	12357901	100.0	85.6	M
2	10.413	10.413	0.000	12126950	100.0	111.3	
						RPD = 26.06	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

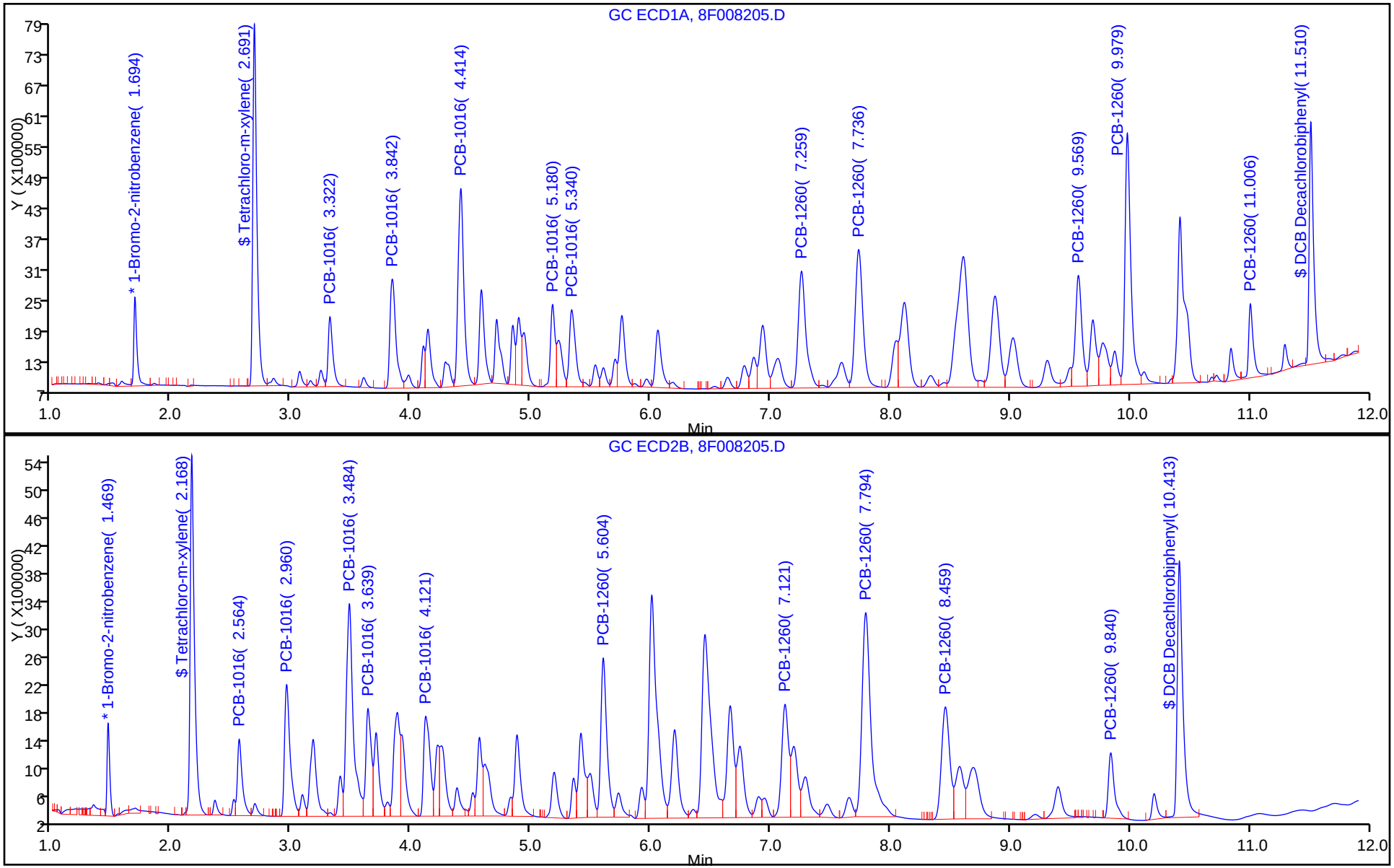
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 14:08:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008205.D

Injection Date:	08-Nov-2015 15:44:47	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333978/2 Calibration Date: 11/08/2015 15:44

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008205.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0252	0.0297		1170	1000	17.5	20.0
PCB-1016 Peak 2	Ave	0.0509	0.0594		1170	1000	16.7	20.0
PCB-1016 Peak 3	Ave	0.0983	0.1171		1190	1000	19.1	20.0
PCB-1016 Peak 4	Ave	0.0402	0.0461		1150	1000	14.7	20.0
PCB-1016 Peak 5	Ave	0.0444	0.0509		1150	1000	14.5	20.0
PCB-1260 Peak 1	Ave	0.0746	0.0767		1030	1000	2.8	20.0
PCB-1260 Peak 2	Ave	0.0633	0.0621		980	1000	-2.0	20.0
PCB-1260 Peak 3	Ave	0.1410	0.1485		1050	1000	5.3	20.0
PCB-1260 Peak 4	Ave	0.0764	0.0740		968	1000	-3.2	20.0
PCB-1260 Peak 5	Ave	0.0302	0.0316		1050	1000	4.6	20.0
Tetrachloro-m-xylene	Ave	1.004	1.221		122	100	21.6*	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.165		111	100	11.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-333978/2 Calibration Date: 11/08/2015 15:44

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008205.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.56	2.49	2.63
PCB-1016 Peak 2	2.96	2.89	3.03
PCB-1016 Peak 3	3.48	3.41	3.55
PCB-1016 Peak 4	3.64	3.57	3.71
PCB-1016 Peak 5	4.12	4.05	4.19
PCB-1260 Peak 1	5.60	5.53	5.67
PCB-1260 Peak 2	7.12	7.05	7.19
PCB-1260 Peak 3	7.79	7.72	7.86
PCB-1260 Peak 4	8.46	8.39	8.53
PCB-1260 Peak 5	9.84	9.77	9.91
Tetrachloro-m-xylene	2.17	2.12	2.22
DCB Decachlorobiphenyl	10.41	10.31	10.51

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008205.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Nov-2015 15:44:47 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCV
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 14:05:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.694	1.694	0.000	3189093	20.0	20.0	
2	1.469	1.469	0.000	2082011	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.691	2.691	0.000	16729837	100.0	109.8	
2	2.168	2.168	0.000	12714777	100.0	121.6	M
						RPD = 10.20	
5 PCB-1016							
1	3.322	3.322	0.000	3724330	1000.0	1057.9	
1	3.842	3.842	0.000	7308609	1000.0	969.2	
1	4.414	4.414	0.000	12890300	1000.0	938.7	
1	5.180	5.180	0.000	4216498	1000.0	900.2	
1	5.340	5.340	0.000	5291549	1000.0	949.3	
		Average of Peak Amounts =				963.1	
2	2.564	2.564	0.000	3086706	1000.0	1174.8	
2	2.960	2.960	0.000	6187840	1000.0	1167.4	
2	3.484	3.484	0.000	12193256	1000.0	1191.1	
2	3.639	3.639	0.000	4803387	1000.0	1146.9	
2	4.121	4.121	0.000	5298996	1000.0	1145.3	
		Average of Peak Amounts =				1165.1	
						RPD = 18.99	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.259	7.259	0.000	10140538	1000.0	922.2	
1	7.736	7.736	0.000	12069321	1000.0	937.4	
1	9.569	9.569	0.000	8256664	1000.0	1092.6	
1	9.979	9.979	0.000	16480314	1000.0	914.9	
1	11.006	11.006	0.000	3964437	1000.0	859.6	M
		Average of Peak Amounts =				945.3	
2	5.604	5.604	0.000	7984605	1000.0	1028.5	
2	7.121	7.121	0.000	6459505	1000.0	980.2	
2	7.794	7.794	0.000	15459854	1000.0	1053.1	
2	8.459	8.459	0.000	7699472	1000.0	968.0	
2	9.840	9.840	0.000	3289841	1000.0	1045.5	
		Average of Peak Amounts =				1015.1	
						RPD = 7.11	
$ 11 DCB Decachlorobiphenyl							M
1	11.510	11.510	0.000	12357901	100.0	85.6	M
2	10.413	10.413	0.000	12126950	100.0	111.3	
						RPD = 26.06	

QC Flag Legend

Review Flags

M - Manually Integrated

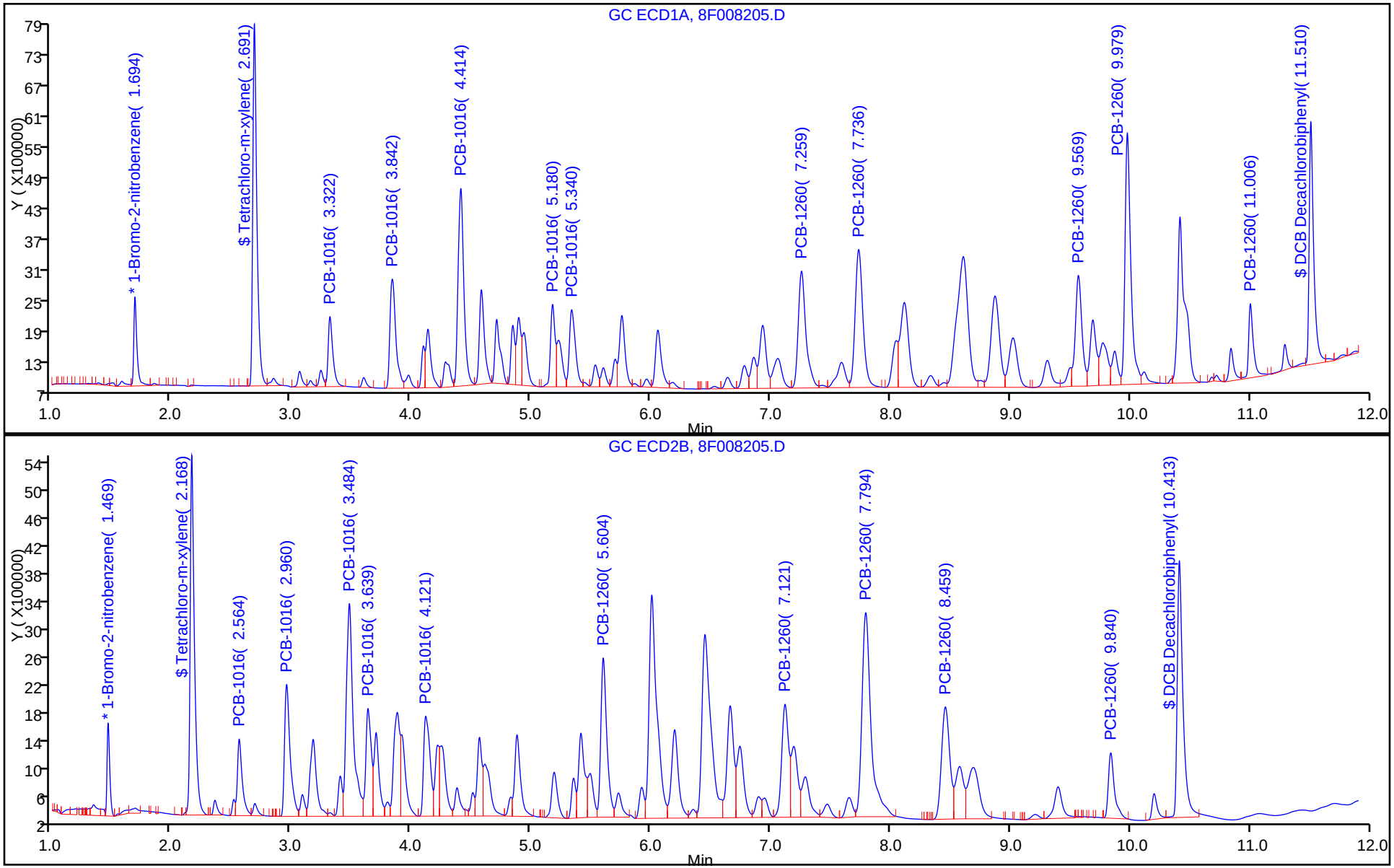
Reagents:

SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 14:08:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008205.D				
Injection Date:	08-Nov-2015 15:44:47	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/2 Calibration Date: 11/10/2015 15:25

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008297.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0221	0.0218		989	1000	-1.1	20.0
PCB-1016 Peak 2	Ave	0.0473	0.0468		989	1000	-1.1	20.0
PCB-1016 Peak 3	Ave	0.0861	0.0831		965	1000	-3.5	20.0
PCB-1016 Peak 4	Ave	0.0294	0.0246		837	1000	-16.3	20.0
PCB-1016 Peak 5	Ave	0.0350	0.0318		909	1000	-9.1	20.0
PCB-1260 Peak 1	Ave	0.0690	0.0620		898	1000	-10.2	20.0
PCB-1260 Peak 2	Ave	0.0807	0.0748		927	1000	-7.3	20.0
PCB-1260 Peak 3	Ave	0.0474	0.0466		983	1000	-1.7	20.0
PCB-1260 Peak 4	Ave	0.1130	0.1129		999	1000	-0.0	20.0
PCB-1260 Peak 5	Ave	0.0289	0.0268		928	1000	-7.2	20.0
Tetrachloro-m-xylene	Ave	0.9554	1.007		105	100	5.4	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8479		93.7	100	-6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/2 Calibration Date: 11/10/2015 15:25

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008297.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.31	3.24	3.38
PCB-1016 Peak 2	3.83	3.76	3.90
PCB-1016 Peak 3	4.41	4.34	4.48
PCB-1016 Peak 4	5.17	5.10	5.24
PCB-1016 Peak 5	5.33	5.26	5.40
PCB-1260 Peak 1	7.24	7.17	7.31
PCB-1260 Peak 2	7.72	7.65	7.79
PCB-1260 Peak 3	9.56	9.49	9.63
PCB-1260 Peak 4	9.97	9.90	10.04
PCB-1260 Peak 5	11.00	10.93	11.07
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.51	11.41	11.61

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008297.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 15:25:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 10-Nov-2015 15:58:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3031672	20.0	20.0	
2	1.468	1.468	0.000	2023623	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.683	2.683	0.000	15266103	100.0	105.4	
2	2.165	2.165	0.000	10993474	100.0	108.2	
						RPD = 2.60	
5 PCB-1016							M
1	3.313	3.313	0.000	3311024	1000.0	989.4	
1	3.833	3.833	0.000	7086506	1000.0	988.6	
1	4.406	4.406	0.000	12596156	1000.0	964.9	
1	5.171	5.171	0.000	3728871	1000.0	837.4	M
1	5.330	5.330	0.000	4814630	1000.0	908.6	M
		Average of Peak Amounts =				937.8	
2	2.561	2.561	0.000	2687469	1000.0	1052.4	
2	2.957	2.957	0.000	5320812	1000.0	1032.8	
2	3.481	3.481	0.000	11333481	1000.0	1139.1	M
2	3.636	3.636	0.000	4296513	1000.0	1055.5	M
2	4.118	4.118	0.000	4089497	1000.0	909.4	M
		Average of Peak Amounts =				1037.8	
						RPD = 10.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.241	7.241	0.000	9391489	1000.0	898.4	M
1	7.717	7.717	0.000	11340401	1000.0	926.5	M
1	9.557	9.557	0.000	7062345	1000.0	983.1	M
1	9.969	9.969	0.000	17109650	1000.0	999.2	M
1	11.001	11.001	0.000	4068642	1000.0	928.0	M
		Average of Peak Amounts =				947.0	
2	5.599	5.599	0.000	6915098	1000.0	916.4	M
2	7.113	7.113	0.000	6047571	1000.0	944.1	M
2	7.786	7.786	0.000	14491758	1000.0	1015.6	M
2	8.451	8.451	0.000	7101723	1000.0	918.7	M
2	9.836	9.836	0.000	3415086	1000.0	1116.6	M
		Average of Peak Amounts =				982.3	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.506	11.506	0.000	12853019	100.0	93.7	
2	10.410	10.410	0.000	11607754	100.0	109.6	M
						RPD = 15.65	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

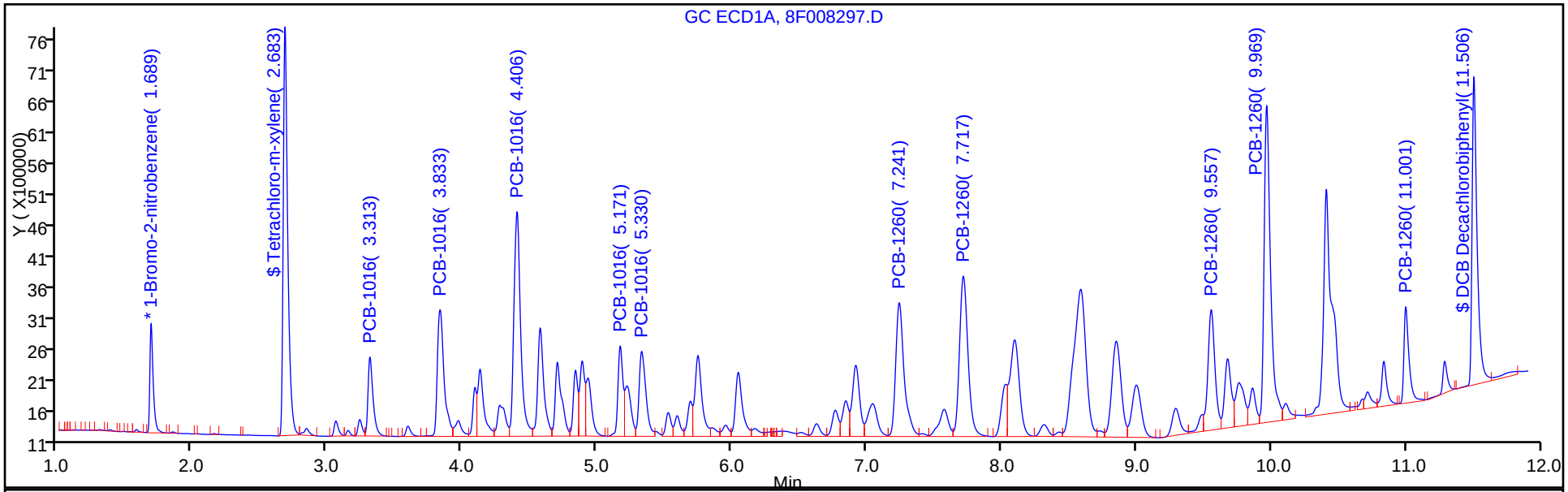
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

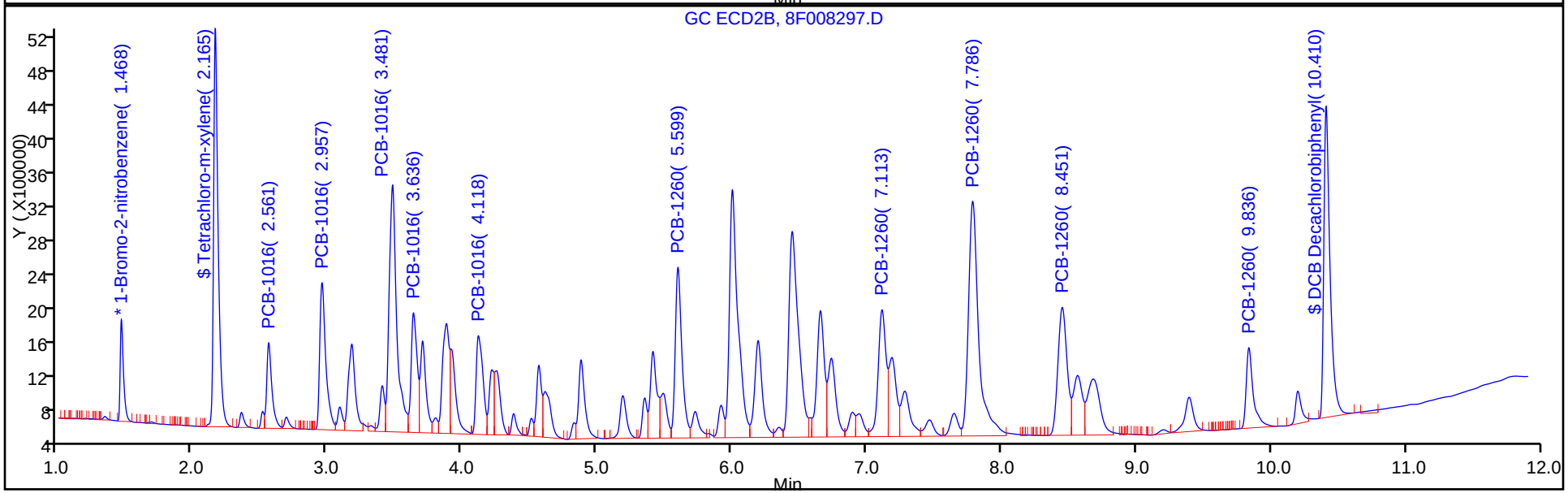
Report Date: 11-Nov-2015 13:10:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008297.D

Injection Date:	10-Nov-2015 15:25:30	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/2 Calibration Date: 11/10/2015 15:25

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008297.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0252	0.0266		1050	1000	5.2	20.0
PCB-1016 Peak 2	Ave	0.0509	0.0526		1030	1000	3.3	20.0
PCB-1016 Peak 3	Ave	0.0983	0.1120		1140	1000	13.9	20.0
PCB-1016 Peak 4	Ave	0.0402	0.0425		1060	1000	5.5	20.0
PCB-1016 Peak 5	Ave	0.0444	0.0404		909	1000	-9.1	20.0
PCB-1260 Peak 1	Ave	0.0746	0.0683		916	1000	-8.4	20.0
PCB-1260 Peak 2	Ave	0.0633	0.0598		944	1000	-5.6	20.0
PCB-1260 Peak 3	Ave	0.1410	0.1432		1020	1000	1.6	20.0
PCB-1260 Peak 4	Ave	0.0764	0.0702		919	1000	-8.1	20.0
PCB-1260 Peak 5	Ave	0.0302	0.0338		1120	1000	11.7	20.0
Tetrachloro-m-xylene	Ave	1.004	1.087		108	100	8.2	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.147		110	100	9.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/2 Calibration Date: 11/10/2015 15:25

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008297.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.56	2.49	2.63
PCB-1016 Peak 2	2.96	2.89	3.03
PCB-1016 Peak 3	3.48	3.41	3.55
PCB-1016 Peak 4	3.64	3.57	3.71
PCB-1016 Peak 5	4.12	4.05	4.19
PCB-1260 Peak 1	5.60	5.53	5.67
PCB-1260 Peak 2	7.11	7.04	7.18
PCB-1260 Peak 3	7.79	7.72	7.86
PCB-1260 Peak 4	8.45	8.38	8.52
PCB-1260 Peak 5	9.84	9.77	9.91
Tetrachloro-m-xylene	2.17	2.12	2.22
DCB Decachlorobiphenyl	10.41	10.31	10.51

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008297.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 15:25:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:10:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 10-Nov-2015 15:58:20

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3031672	20.0	20.0	
2	1.468	1.468	0.000	2023623	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.683	2.683	0.000	15266103	100.0	105.4	
2	2.165	2.165	0.000	10993474	100.0	108.2	
						RPD = 2.60	
5 PCB-1016							M
1	3.313	3.313	0.000	3311024	1000.0	989.4	
1	3.833	3.833	0.000	7086506	1000.0	988.6	
1	4.406	4.406	0.000	12596156	1000.0	964.9	
1	5.171	5.171	0.000	3728871	1000.0	837.4	M
1	5.330	5.330	0.000	4814630	1000.0	908.6	M
		Average of Peak Amounts =				937.8	
2	2.561	2.561	0.000	2687469	1000.0	1052.4	
2	2.957	2.957	0.000	5320812	1000.0	1032.8	
2	3.481	3.481	0.000	11333481	1000.0	1139.1	M
2	3.636	3.636	0.000	4296513	1000.0	1055.5	M
2	4.118	4.118	0.000	4089497	1000.0	909.4	M
		Average of Peak Amounts =				1037.8	
						RPD = 10.13	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.241	7.241	0.000	9391489	1000.0	898.4	M
1	7.717	7.717	0.000	11340401	1000.0	926.5	M
1	9.557	9.557	0.000	7062345	1000.0	983.1	M
1	9.969	9.969	0.000	17109650	1000.0	999.2	M
1	11.001	11.001	0.000	4068642	1000.0	928.0	M
		Average of Peak Amounts =				947.0	
2	5.599	5.599	0.000	6915098	1000.0	916.4	M
2	7.113	7.113	0.000	6047571	1000.0	944.1	M
2	7.786	7.786	0.000	14491758	1000.0	1015.6	M
2	8.451	8.451	0.000	7101723	1000.0	918.7	M
2	9.836	9.836	0.000	3415086	1000.0	1116.6	M
		Average of Peak Amounts =				982.3	
						RPD = 3.65	
$ 11 DCB Decachlorobiphenyl							M
1	11.506	11.506	0.000	12853019	100.0	93.7	
2	10.410	10.410	0.000	11607754	100.0	109.6	M
						RPD = 15.65	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

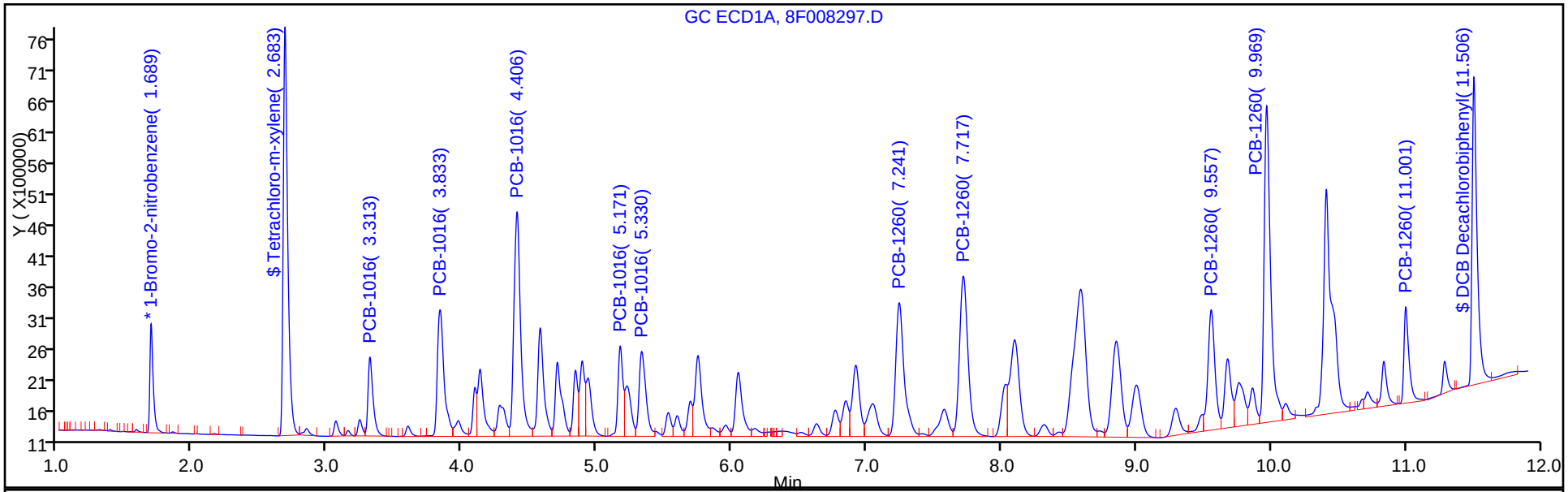
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

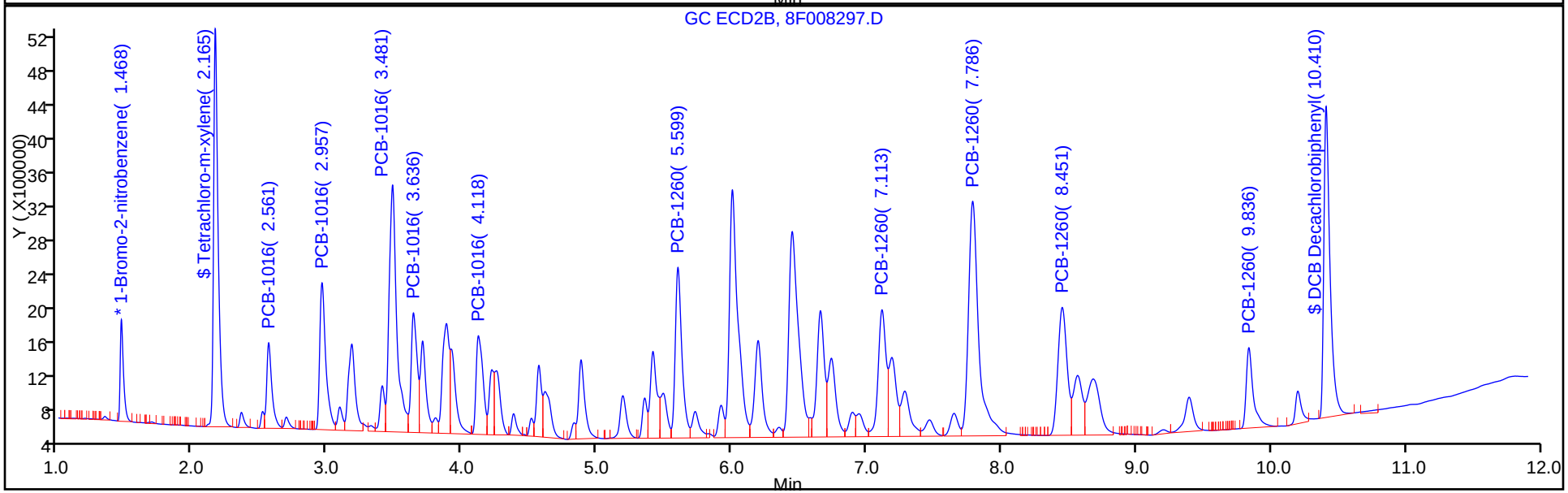
Report Date: 11-Nov-2015 13:10:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008297.D

Injection Date:	10-Nov-2015 15:25:30	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9554	1.000		105	100	4.6	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8324		92.0	100	-8.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008323.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.45	11.41	11.61

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 22:38:04 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-028
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 13:06:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3326131	20.0	20.0	
2	1.471	1.468	0.003	2168332	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.683	-0.001	16623049	100.0	104.6	
2	2.168	2.165	0.003	11320295	100.0	104.0	
						RPD = 0.62	
4 PCB-1242							M
1	3.312	3.312	0.000	2989177	1000.0	1051.4	
1	3.832	3.832	0.000	5914373	1000.0	988.4	
1	4.404	4.404	0.000	10651632	1000.0	953.0	M
1	4.575	4.575	0.000	4959461	1000.0	968.0	M
1	5.751	5.752	-0.001	4681444	1000.0	979.2	M
		Average of Peak Amounts =				988.0	
2	2.565	2.562	0.003	2290985	1000.0	1181.8	
2	2.961	2.958	0.003	4507008	1000.0	1197.0	
2	3.484	3.481	0.003	8072314	1000.0	1088.2	M
2	3.639	3.636	0.003	3534197	1000.0	1185.5	M
2	4.120	4.119	0.001	3611011	1000.0	1082.0	M
		Average of Peak Amounts =				1146.9	
						RPD = 14.89	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.506	-0.055	13844038	100.0	92.0	
2	10.389	10.410	-0.021	12941042	100.0	114.0	
						RPD = 21.41	
S 12 Polychlorinated biphenyls, Total							
1						988.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

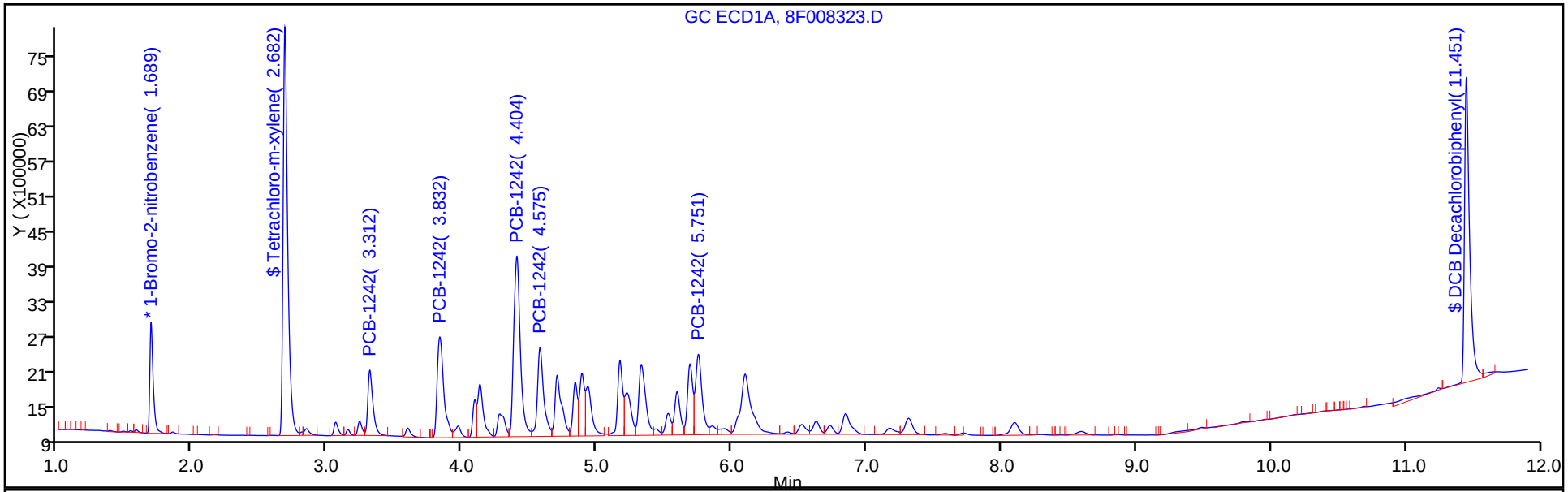
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

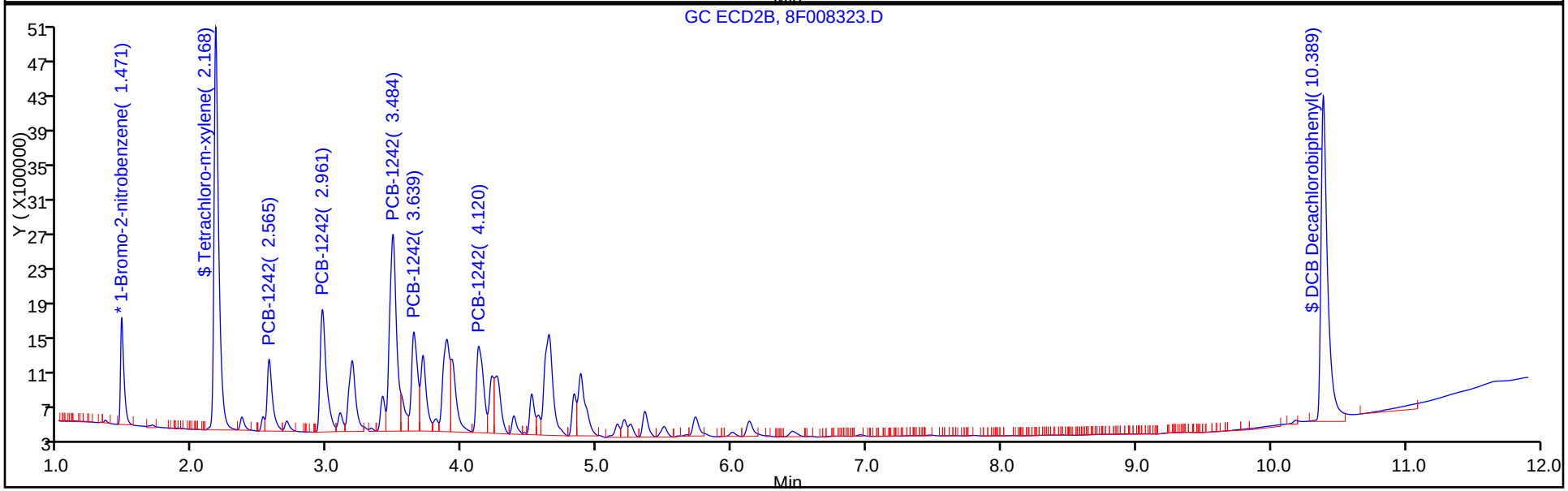
Report Date: 11-Nov-2015 13:12:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D

Injection Date:	10-Nov-2015 22:38:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0171	0.0180		1050	1000	5.1	20.0
PCB-1242 Peak 2	Ave	0.0360	0.0356		988	1000	-1.2	20.0
PCB-1242 Peak 3	Ave	0.0672	0.0641		953	1000	-4.7	20.0
PCB-1242 Peak 4	Ave	0.0308	0.0298		968	1000	-3.2	20.0
PCB-1242 Peak 5	Ave	0.0287	0.0282		979	1000	-2.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008323.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.31	3.24	3.38
PCB-1242 Peak 2	3.83	3.76	3.90
PCB-1242 Peak 3	4.40	4.33	4.47
PCB-1242 Peak 4	4.58	4.51	4.65
PCB-1242 Peak 5	5.75	5.68	5.82

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 22:38:04 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-028
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 13:06:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3326131	20.0	20.0	
2	1.471	1.468	0.003	2168332	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.683	-0.001	16623049	100.0	104.6	
2	2.168	2.165	0.003	11320295	100.0	104.0	
						RPD = 0.62	
4 PCB-1242							M
1	3.312	3.312	0.000	2989177	1000.0	1051.4	
1	3.832	3.832	0.000	5914373	1000.0	988.4	
1	4.404	4.404	0.000	10651632	1000.0	953.0	M
1	4.575	4.575	0.000	4959461	1000.0	968.0	M
1	5.751	5.752	-0.001	4681444	1000.0	979.2	M
		Average of Peak Amounts =				988.0	
2	2.565	2.562	0.003	2290985	1000.0	1181.8	
2	2.961	2.958	0.003	4507008	1000.0	1197.0	
2	3.484	3.481	0.003	8072314	1000.0	1088.2	M
2	3.639	3.636	0.003	3534197	1000.0	1185.5	M
2	4.120	4.119	0.001	3611011	1000.0	1082.0	M
		Average of Peak Amounts =				1146.9	
						RPD = 14.89	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.506	-0.055	13844038	100.0	92.0	
2	10.389	10.410	-0.021	12941042	100.0	114.0	
						RPD = 21.41	
S 12 Polychlorinated biphenyls, Total							
1						988.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

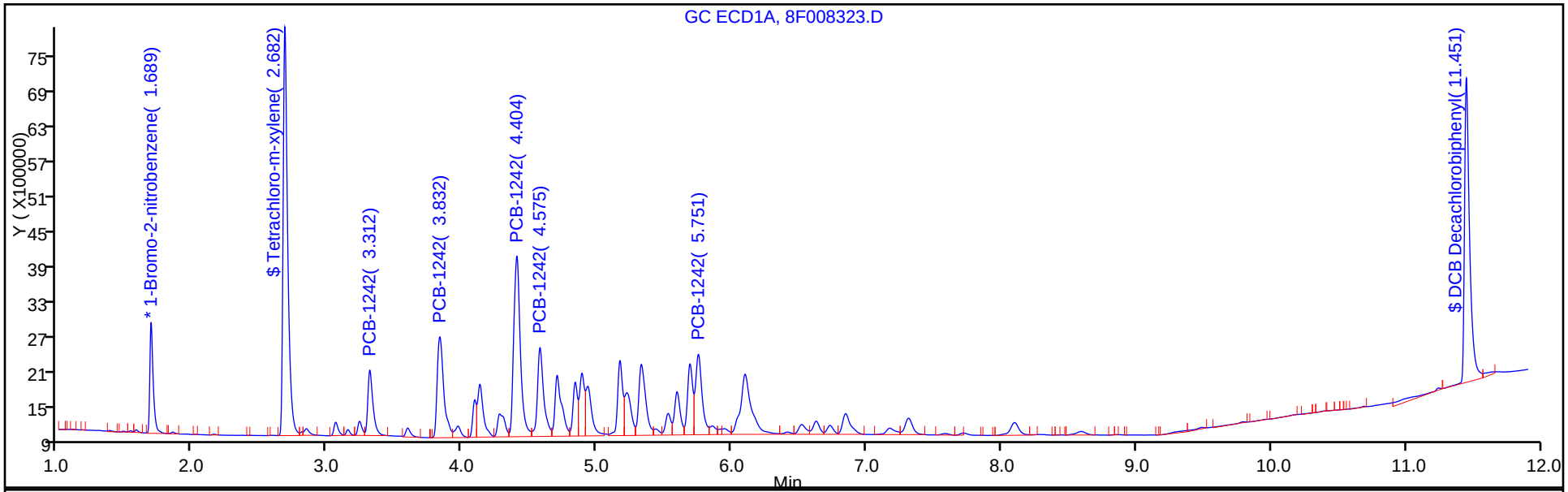
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

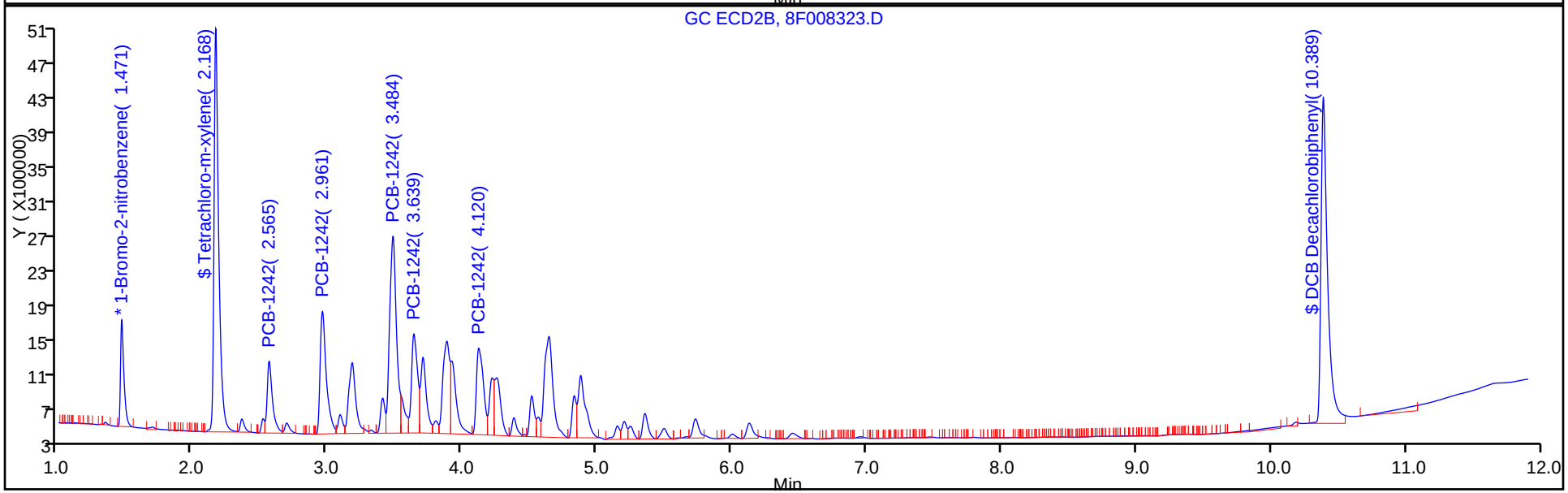
Report Date: 11-Nov-2015 13:12:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D

Injection Date:	10-Nov-2015 22:38:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.004	1.044		104	100	4.0	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.194		114	100	14.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008323.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.17	2.12	2.22
DCB Decachlorobiphenyl	10.39	10.31	10.51

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 22:38:04 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-028
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 13:06:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3326131	20.0	20.0	
2	1.471	1.468	0.003	2168332	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.683	-0.001	16623049	100.0	104.6	
2	2.168	2.165	0.003	11320295	100.0	104.0	
						RPD = 0.62	
4 PCB-1242							M
1	3.312	3.312	0.000	2989177	1000.0	1051.4	
1	3.832	3.832	0.000	5914373	1000.0	988.4	
1	4.404	4.404	0.000	10651632	1000.0	953.0	M
1	4.575	4.575	0.000	4959461	1000.0	968.0	M
1	5.751	5.752	-0.001	4681444	1000.0	979.2	M
		Average of Peak Amounts =				988.0	
2	2.565	2.562	0.003	2290985	1000.0	1181.8	
2	2.961	2.958	0.003	4507008	1000.0	1197.0	
2	3.484	3.481	0.003	8072314	1000.0	1088.2	M
2	3.639	3.636	0.003	3534197	1000.0	1185.5	M
2	4.120	4.119	0.001	3611011	1000.0	1082.0	M
		Average of Peak Amounts =				1146.9	
						RPD = 14.89	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.506	-0.055	13844038	100.0	92.0	
2	10.389	10.410	-0.021	12941042	100.0	114.0	
						RPD = 21.41	
S 12 Polychlorinated biphenyls, Total							
1						988.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

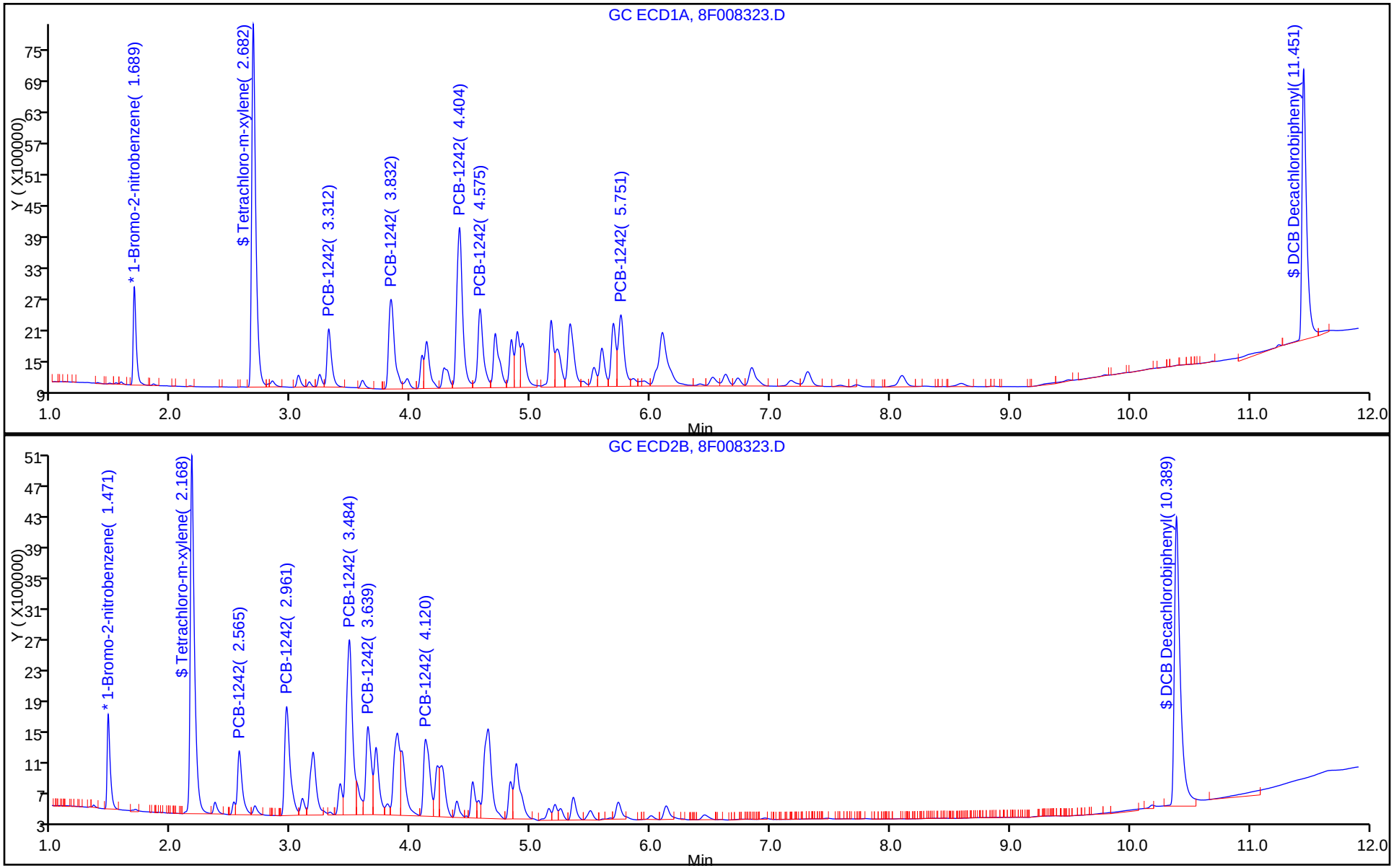
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:12:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D

Injection Date:	10-Nov-2015 22:38:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008323.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0179	0.0211		1180	1000	18.2	20.0
PCB-1242 Peak 2	Ave	0.0347	0.0416		1200	1000	19.7	20.0
PCB-1242 Peak 3	Ave	0.0684	0.0745		1090	1000	8.8	20.0
PCB-1242 Peak 4	Ave	0.0275	0.0326		1190	1000	18.6	20.0
PCB-1242 Peak 5	Ave	0.0308	0.0333		1080	1000	8.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/28 Calibration Date: 11/10/2015 22:38

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008323.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.57	2.49	2.63
PCB-1242 Peak 2	2.96	2.89	3.03
PCB-1242 Peak 3	3.48	3.41	3.55
PCB-1242 Peak 4	3.64	3.57	3.71
PCB-1242 Peak 5	4.12	4.05	4.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 22:38:04 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-028
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:19 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 13:06:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3326131	20.0	20.0	
2	1.471	1.468	0.003	2168332	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.683	-0.001	16623049	100.0	104.6	
2	2.168	2.165	0.003	11320295	100.0	104.0	
						RPD = 0.62	
4 PCB-1242							M
1	3.312	3.312	0.000	2989177	1000.0	1051.4	
1	3.832	3.832	0.000	5914373	1000.0	988.4	
1	4.404	4.404	0.000	10651632	1000.0	953.0	M
1	4.575	4.575	0.000	4959461	1000.0	968.0	M
1	5.751	5.752	-0.001	4681444	1000.0	979.2	M
		Average of Peak Amounts =				988.0	
2	2.565	2.562	0.003	2290985	1000.0	1181.8	
2	2.961	2.958	0.003	4507008	1000.0	1197.0	
2	3.484	3.481	0.003	8072314	1000.0	1088.2	M
2	3.639	3.636	0.003	3534197	1000.0	1185.5	M
2	4.120	4.119	0.001	3611011	1000.0	1082.0	M
		Average of Peak Amounts =				1146.9	
						RPD = 14.89	
$ 11 DCB Decachlorobiphenyl							
1	11.451	11.506	-0.055	13844038	100.0	92.0	
2	10.389	10.410	-0.021	12941042	100.0	114.0	
						RPD = 21.41	
S 12 Polychlorinated biphenyls, Total							
1						988.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

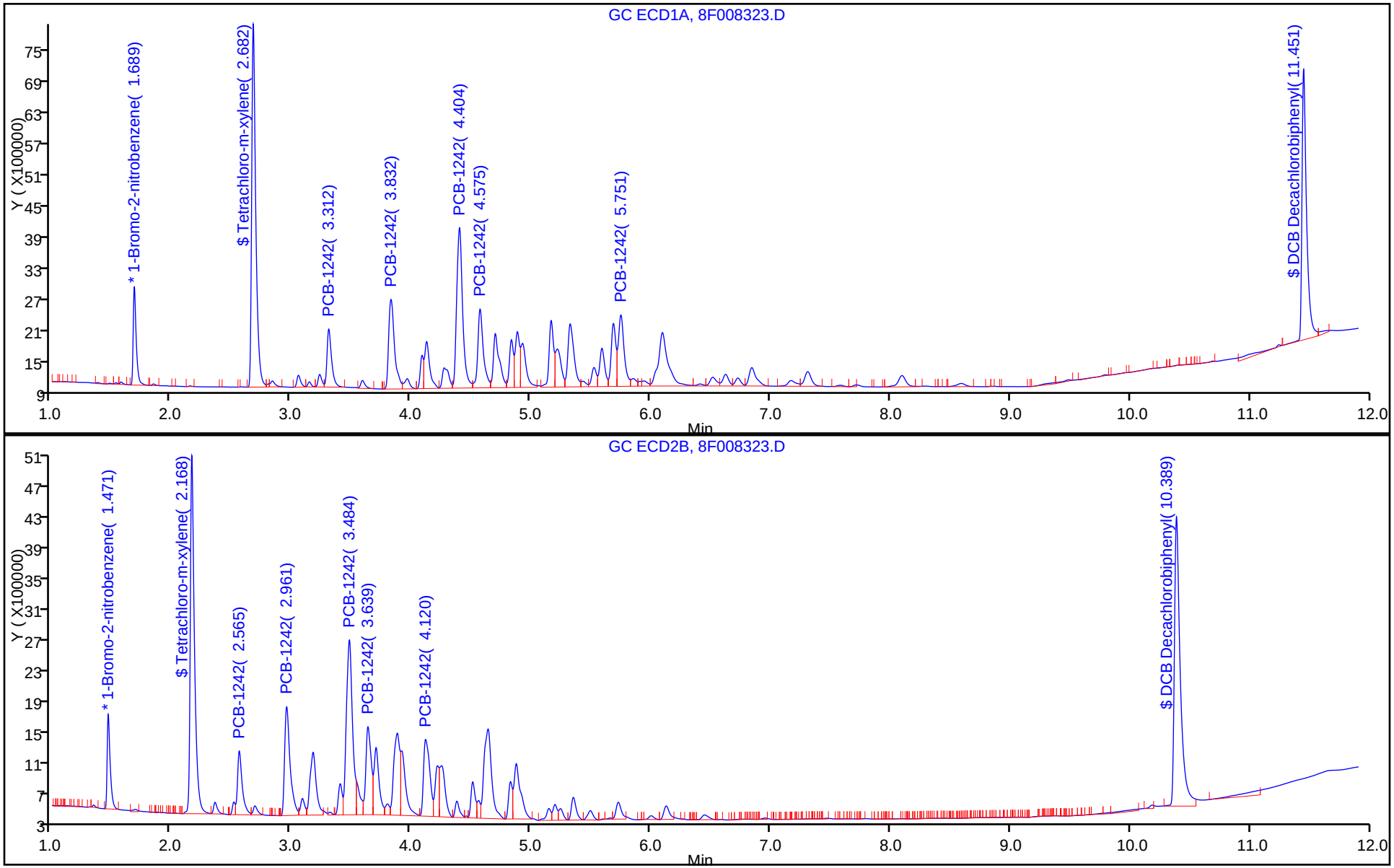
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:12:20 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008323.D

Injection Date:	10-Nov-2015 22:38:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/35 Calibration Date: 11/11/2015 00:28

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008330.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1260 Peak 1	Ave	0.0690	0.0000		0.0840	1000	-100.0*	20.0
PCB-1016 Peak 1	Ave	0.0221	0.0237		1070	1000	7.4	20.0
PCB-1016 Peak 2	Ave	0.0473	0.0473		999	1000	-0.0	20.0
PCB-1016 Peak 3	Ave	0.0861	0.0841		976	1000	-2.4	20.0
PCB-1016 Peak 4	Ave	0.0294	0.0253		860	1000	-14.0	20.0
PCB-1016 Peak 5	Ave	0.0350	0.0312		892	1000	-10.8	20.0
PCB-1260 Peak 2	Ave	0.0807	0.0754		933	1000	-6.7	20.0
PCB-1260 Peak 3	Ave	0.0474	0.0469		989	1000	-1.1	20.0
PCB-1260 Peak 4	Ave	0.1130	0.1119		991	1000	-0.9	20.0
PCB-1260 Peak 5	Ave	0.0289	0.0269		929	1000	-7.1	20.0
Tetrachloro-m-xylene	Ave	0.9554	1.047		110	100	9.6	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8723		96.4	100	-3.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/35 Calibration Date: 11/11/2015 00:28

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008330.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1260 Peak 1	0.00	7.17	7.31
PCB-1016 Peak 1	3.31	3.24	3.38
PCB-1016 Peak 2	3.83	3.76	3.90
PCB-1016 Peak 3	4.40	4.34	4.48
PCB-1016 Peak 4	5.17	5.10	5.24
PCB-1016 Peak 5	5.33	5.26	5.40
PCB-1260 Peak 2	7.72	7.65	7.79
PCB-1260 Peak 3	9.55	9.49	9.63
PCB-1260 Peak 4	9.96	9.90	10.04
PCB-1260 Peak 5	10.96	10.93	11.07
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.45	11.34	11.54

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008330.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:28:00 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-035
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 01:14:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3154965	20.0	20.0	
2	1.471	1.472	-0.001	2106752	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.681	2.682	-0.001	16522504	100.0	109.6	
2	2.169	2.169	0.000	11243617	100.0	106.3	
						RPD = 3.10	
5 PCB-1016							
1	3.311	3.313	-0.002	3740291	1000.0	1074.0	
1	3.831	3.833	-0.002	7455420	1000.0	999.4	
1	4.403	4.406	-0.003	13258923	1000.0	976.0	
1	5.169	5.171	-0.002	3984905	1000.0	859.9	
1	5.328	5.330	-0.002	4920063	1000.0	892.2	
		Average of Peak Amounts =				960.3	
2	2.564	2.561	0.003	2821997	1000.0	1061.5	
2	2.960	2.957	0.003	5712553	1000.0	1065.0	
2	3.484	3.481	0.003	11402103	1000.0	1100.7	
2	3.639	3.636	0.003	4506080	1000.0	1063.3	
2	4.120	4.118	0.002	4673816	1000.0	998.3	
		Average of Peak Amounts =				1057.8	
						RPD = 9.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	0.000	7.241	-7.241	0	1000.0	0	
1	7.716	7.717	-0.001	11890068	1000.0	933.5	
1	9.553	9.557	-0.004	7397107	1000.0	989.5	
1	9.956	9.969	-0.013	17656314	1000.0	990.8	
1	10.959	11.001	-0.042	4240765	1000.0	929.5	
		Average of Peak Amounts =				960.8	
2	5.601	5.599	0.002	7670415	1000.0	976.4	
2	7.117	7.113	0.004	6318137	1000.0	947.5	
2	7.790	7.786	0.004	15303186	1000.0	1030.2	
2	8.455	8.451	0.004	7527373	1000.0	935.3	
2	9.829	9.836	-0.007	3534719	1000.0	1110.1	M
		Average of Peak Amounts =				999.9	
						RPD = 3.99	
$ 11 DCB Decachlorobiphenyl							M
1	11.447	11.444	0.003	13759758	100.0	96.4	
2	10.386	10.385	0.001	12637849	100.0	114.6	M
						RPD = 17.29	
S 12 Polychlorinated biphenyls, Total							
1						1921.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

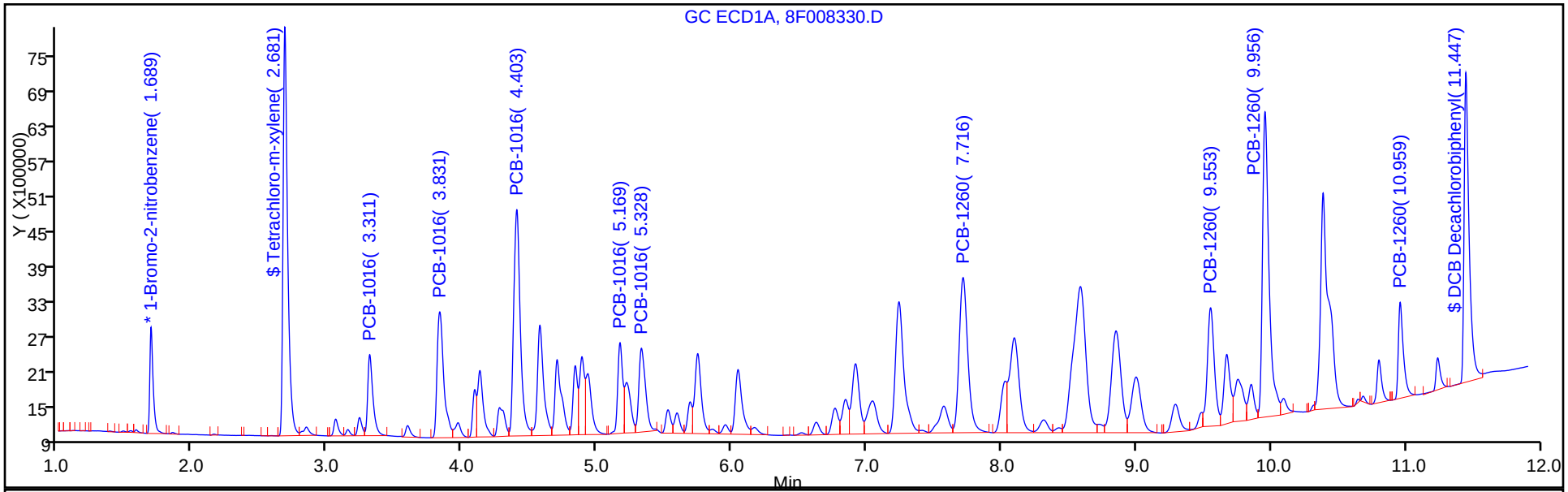
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

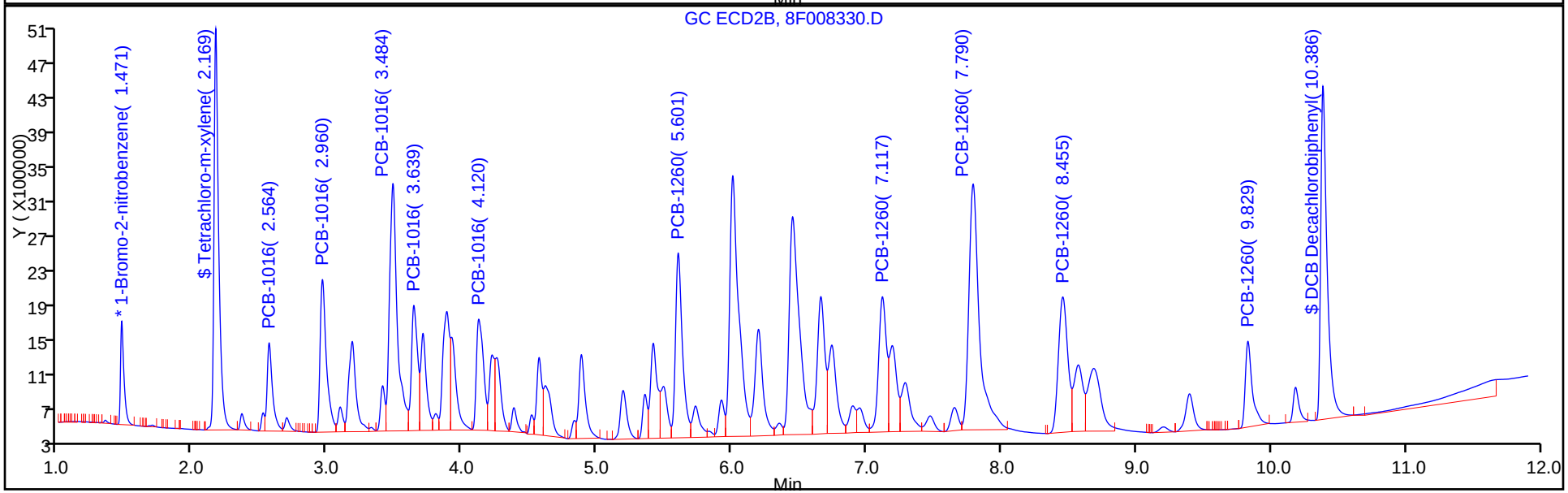
Report Date: 11-Nov-2015 13:12:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008330.D

Injection Date:	11-Nov-2015 00:28:00	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	35
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/35 Calibration Date: 11/11/2015 00:28

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008330.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0252	0.0268		1060	1000	6.1	20.0
PCB-1016 Peak 2	Ave	0.0509	0.0542		1070	1000	6.5	20.0
PCB-1016 Peak 3	Ave	0.0983	0.1082		1100	1000	10.1	20.0
PCB-1016 Peak 4	Ave	0.0402	0.0428		1060	1000	6.3	20.0
PCB-1016 Peak 5	Ave	0.0444	0.0444		998	1000	-0.2	20.0
PCB-1260 Peak 1	Ave	0.0746	0.0728		976	1000	-2.4	20.0
PCB-1260 Peak 2	Ave	0.0633	0.0600		947	1000	-5.3	20.0
PCB-1260 Peak 3	Ave	0.1410	0.1453		1030	1000	3.0	20.0
PCB-1260 Peak 4	Ave	0.0764	0.0715		935	1000	-6.5	20.0
PCB-1260 Peak 5	Ave	0.0302	0.0336		1110	1000	11.0	20.0
Tetrachloro-m-xylene	Ave	1.004	1.067		106	100	6.3	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.200		115	100	14.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334446/35 Calibration Date: 11/11/2015 00:28

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008330.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.56	2.49	2.63
PCB-1016 Peak 2	2.96	2.89	3.03
PCB-1016 Peak 3	3.48	3.41	3.55
PCB-1016 Peak 4	3.64	3.57	3.71
PCB-1016 Peak 5	4.12	4.05	4.19
PCB-1260 Peak 1	5.60	5.53	5.67
PCB-1260 Peak 2	7.12	7.04	7.18
PCB-1260 Peak 3	7.79	7.72	7.86
PCB-1260 Peak 4	8.46	8.38	8.52
PCB-1260 Peak 5	9.83	9.77	9.91
Tetrachloro-m-xylene	2.17	2.12	2.22
DCB Decachlorobiphenyl	10.39	10.29	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008330.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:28:00 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-035
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 01:14:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3154965	20.0	20.0	
2	1.471	1.472	-0.001	2106752	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.681	2.682	-0.001	16522504	100.0	109.6	
2	2.169	2.169	0.000	11243617	100.0	106.3	
						RPD = 3.10	
5 PCB-1016							
1	3.311	3.313	-0.002	3740291	1000.0	1074.0	
1	3.831	3.833	-0.002	7455420	1000.0	999.4	
1	4.403	4.406	-0.003	13258923	1000.0	976.0	
1	5.169	5.171	-0.002	3984905	1000.0	859.9	
1	5.328	5.330	-0.002	4920063	1000.0	892.2	
		Average of Peak Amounts =				960.3	
2	2.564	2.561	0.003	2821997	1000.0	1061.5	
2	2.960	2.957	0.003	5712553	1000.0	1065.0	
2	3.484	3.481	0.003	11402103	1000.0	1100.7	
2	3.639	3.636	0.003	4506080	1000.0	1063.3	
2	4.120	4.118	0.002	4673816	1000.0	998.3	
		Average of Peak Amounts =				1057.8	
						RPD = 9.66	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	0.000	7.241	-7.241	0	1000.0	0	
1	7.716	7.717	-0.001	11890068	1000.0	933.5	
1	9.553	9.557	-0.004	7397107	1000.0	989.5	
1	9.956	9.969	-0.013	17656314	1000.0	990.8	
1	10.959	11.001	-0.042	4240765	1000.0	929.5	
		Average of Peak Amounts =				960.8	
2	5.601	5.599	0.002	7670415	1000.0	976.4	
2	7.117	7.113	0.004	6318137	1000.0	947.5	
2	7.790	7.786	0.004	15303186	1000.0	1030.2	
2	8.455	8.451	0.004	7527373	1000.0	935.3	
2	9.829	9.836	-0.007	3534719	1000.0	1110.1	M
		Average of Peak Amounts =				999.9	
						RPD = 3.99	
$ 11 DCB Decachlorobiphenyl							M
1	11.447	11.444	0.003	13759758	100.0	96.4	
2	10.386	10.385	0.001	12637849	100.0	114.6	M
						RPD = 17.29	
S 12 Polychlorinated biphenyls, Total							
1						1921.1	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

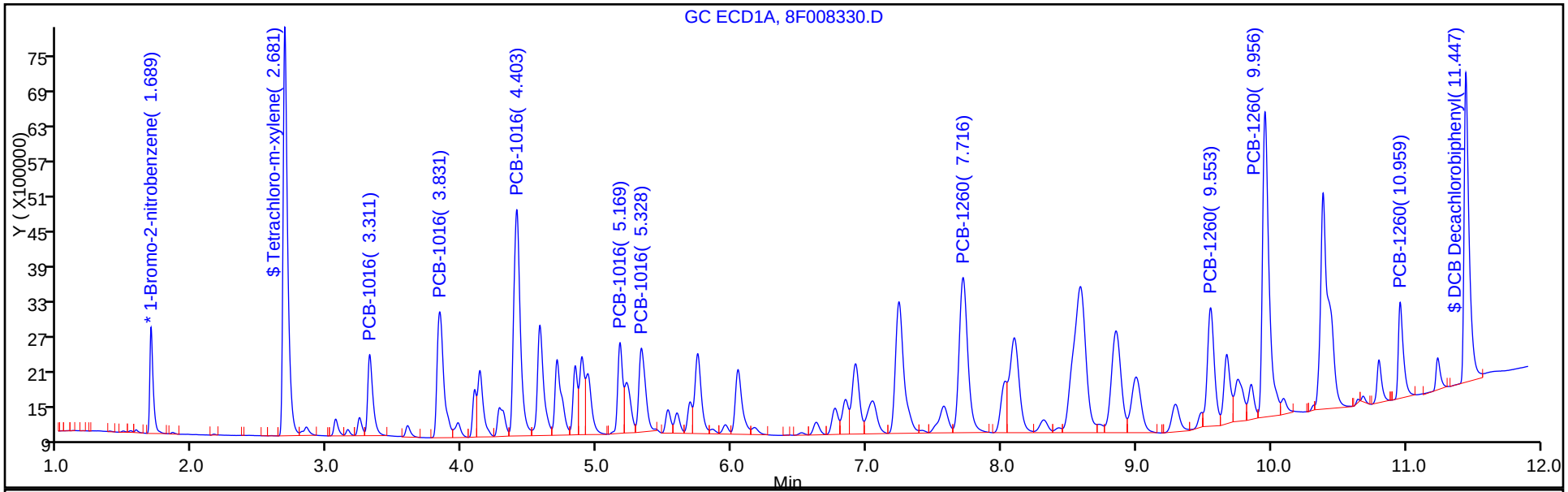
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

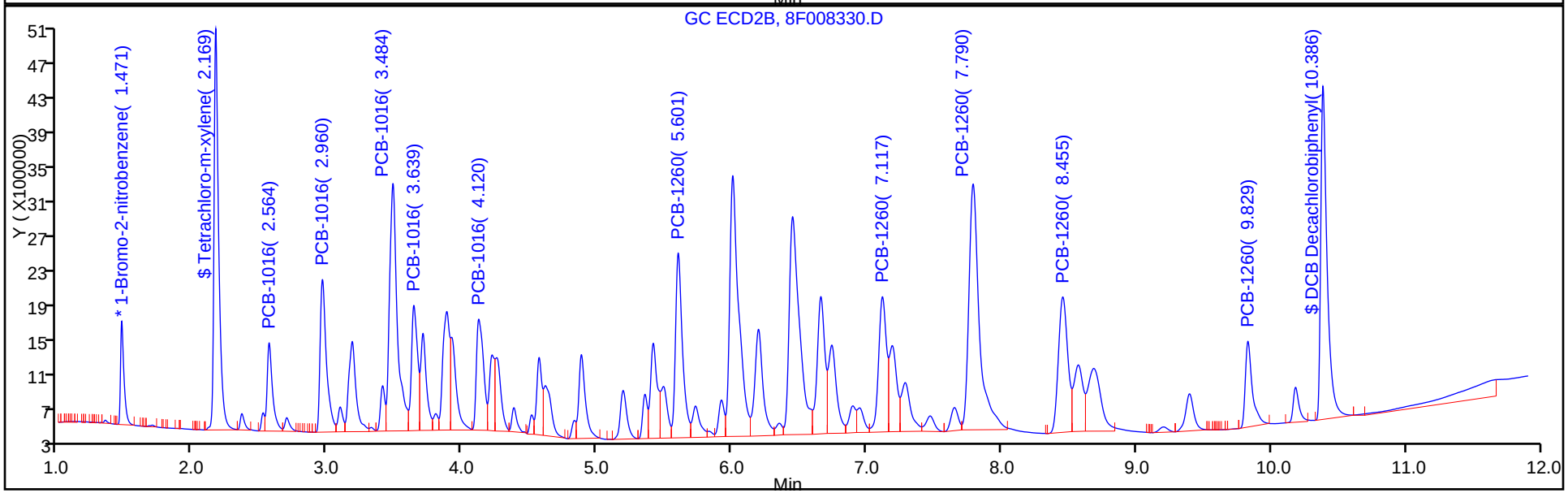
Report Date: 11-Nov-2015 13:12:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008330.D

Injection Date:	11-Nov-2015 00:28:00	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV			Worklist Smp#:	35
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008356.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9554	0.9641		101	100	0.9	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8478		93.7	100	-6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008356.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.48	11.34	11.54

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D
Lims ID: CCV 1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 07:58:45 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-061
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:13:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:53:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3520609	20.0	20.0	
2	1.468	1.472	-0.004	2466290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.682	0.000	16970539	100.0	100.9	
2	2.165	2.169	-0.004	11673922	100.0	94.3	
						RPD = 6.80	
4 PCB-1242							M
1	3.312	3.312	0.000	3043736	1000.0	1011.5	M
1	3.832	3.832	0.000	5805658	1000.0	916.7	
1	4.404	4.404	0.000	10637437	1000.0	899.2	M
1	4.575	4.575	0.000	5052919	1000.0	931.7	M
1	5.752	5.752	0.000	4872639	1000.0	962.9	M
		Average of Peak Amounts =				944.4	
2	2.562	2.562	0.000	2300594	1000.0	1043.4	
2	2.958	2.958	0.000	4542994	1000.0	1060.8	
2	3.481	3.481	0.000	8769632	1000.0	1039.4	
2	3.636	3.636	0.000	3437139	1000.0	1013.7	
2	4.119	4.119	0.000	3737286	1000.0	984.6	
		Average of Peak Amounts =				1028.4	
						RPD = 8.51	
$ 11 DCB Decachlorobiphenyl							
1	11.476	11.444	0.032	14924187	100.0	93.7	
2	10.399	10.385	0.014	13788887	100.0	106.8	
						RPD = 13.11	
S 12 Polychlorinated biphenyls, Total							
1						944.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

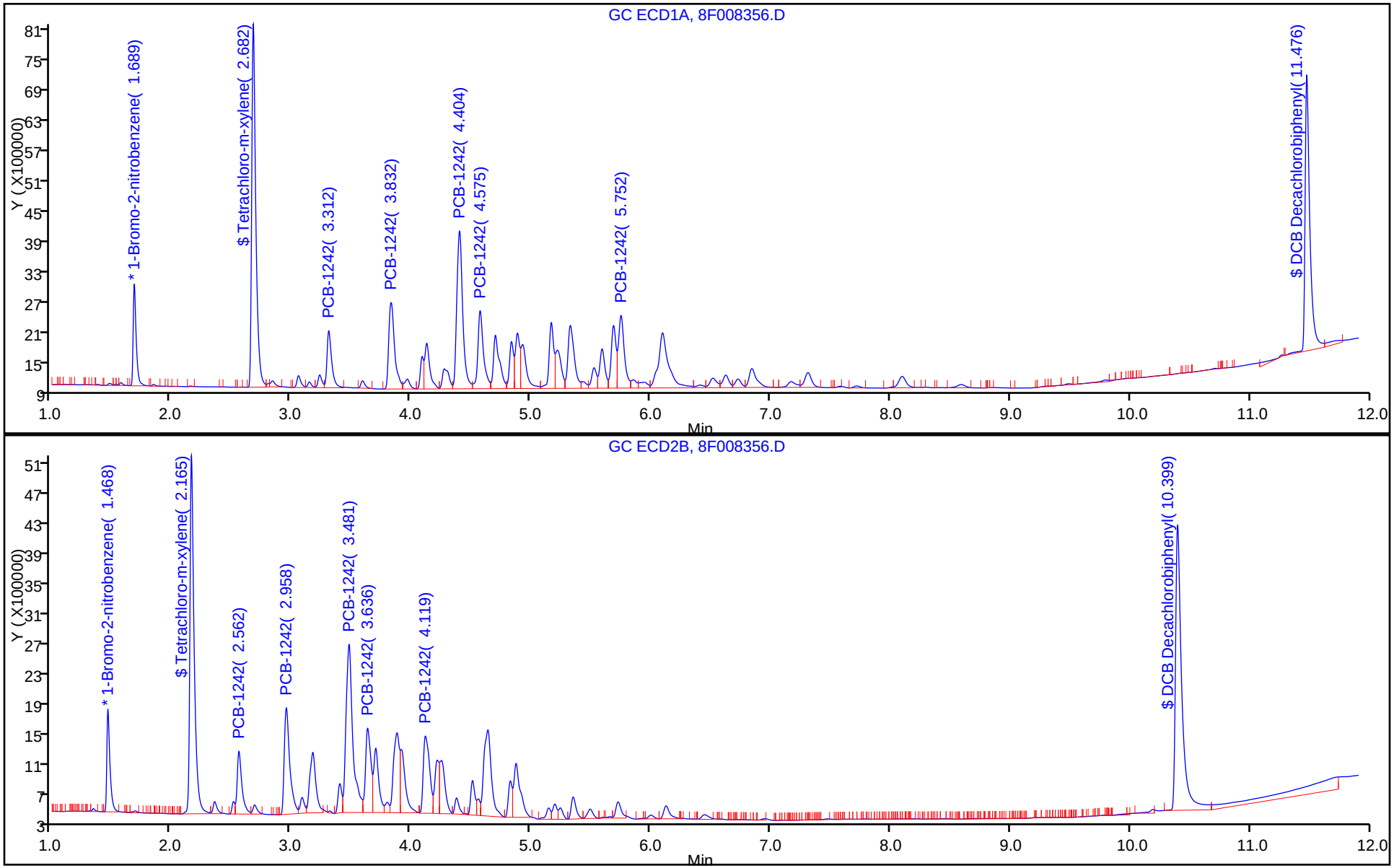
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:13:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D

Injection Date:	11-Nov-2015 07:58:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV 1242			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008356.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0171	0.0173		1010	1000	1.1	20.0
PCB-1242 Peak 2	Ave	0.0360	0.0330		917	1000	-8.3	20.0
PCB-1242 Peak 3	Ave	0.0672	0.0604		899	1000	-10.1	20.0
PCB-1242 Peak 4	Ave	0.0308	0.0287		932	1000	-6.8	20.0
PCB-1242 Peak 5	Ave	0.0287	0.0277		963	1000	-3.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008356.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.31	3.24	3.38
PCB-1242 Peak 2	3.83	3.76	3.90
PCB-1242 Peak 3	4.40	4.33	4.47
PCB-1242 Peak 4	4.58	4.51	4.65
PCB-1242 Peak 5	5.75	5.68	5.82

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D
Lims ID: CCV 1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 07:58:45 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-061
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:13:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:53:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3520609	20.0	20.0	
2	1.468	1.472	-0.004	2466290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.682	0.000	16970539	100.0	100.9	
2	2.165	2.169	-0.004	11673922	100.0	94.3	
						RPD = 6.80	
4 PCB-1242							M
1	3.312	3.312	0.000	3043736	1000.0	1011.5	M
1	3.832	3.832	0.000	5805658	1000.0	916.7	
1	4.404	4.404	0.000	10637437	1000.0	899.2	M
1	4.575	4.575	0.000	5052919	1000.0	931.7	M
1	5.752	5.752	0.000	4872639	1000.0	962.9	M
		Average of Peak Amounts =				944.4	
2	2.562	2.562	0.000	2300594	1000.0	1043.4	
2	2.958	2.958	0.000	4542994	1000.0	1060.8	
2	3.481	3.481	0.000	8769632	1000.0	1039.4	
2	3.636	3.636	0.000	3437139	1000.0	1013.7	
2	4.119	4.119	0.000	3737286	1000.0	984.6	
		Average of Peak Amounts =				1028.4	
						RPD = 8.51	
$ 11 DCB Decachlorobiphenyl							
1	11.476	11.444	0.032	14924187	100.0	93.7	
2	10.399	10.385	0.014	13788887	100.0	106.8	
						RPD = 13.11	
S 12 Polychlorinated biphenyls, Total							
1						944.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

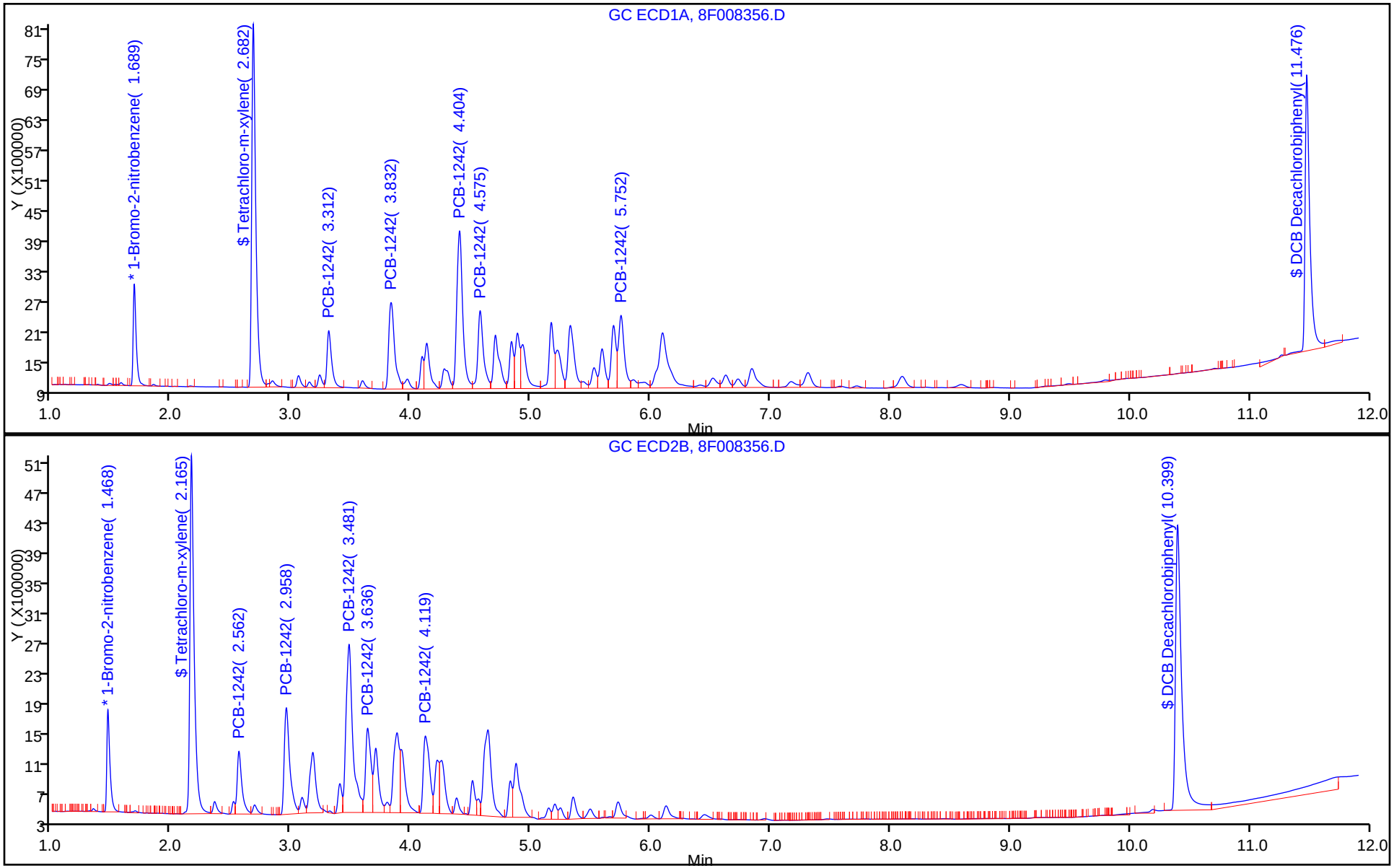
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:13:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D

Injection Date:	11-Nov-2015 07:58:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV 1242			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008356.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.004	0.9467		94.3	100	-5.7	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.118		107	100	6.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008356.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.17	2.12	2.22
DCB Decachlorobiphenyl	10.40	10.29	10.49

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D
Lims ID: CCV 1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 07:58:45 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-061
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:13:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:53:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3520609	20.0	20.0	
2	1.468	1.472	-0.004	2466290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.682	0.000	16970539	100.0	100.9	
2	2.165	2.169	-0.004	11673922	100.0	94.3	
						RPD = 6.80	
4 PCB-1242							M
1	3.312	3.312	0.000	3043736	1000.0	1011.5	M
1	3.832	3.832	0.000	5805658	1000.0	916.7	
1	4.404	4.404	0.000	10637437	1000.0	899.2	M
1	4.575	4.575	0.000	5052919	1000.0	931.7	M
1	5.752	5.752	0.000	4872639	1000.0	962.9	M
		Average of Peak Amounts =				944.4	
2	2.562	2.562	0.000	2300594	1000.0	1043.4	
2	2.958	2.958	0.000	4542994	1000.0	1060.8	
2	3.481	3.481	0.000	8769632	1000.0	1039.4	
2	3.636	3.636	0.000	3437139	1000.0	1013.7	
2	4.119	4.119	0.000	3737286	1000.0	984.6	
		Average of Peak Amounts =				1028.4	
						RPD = 8.51	
$ 11 DCB Decachlorobiphenyl							
1	11.476	11.444	0.032	14924187	100.0	93.7	
2	10.399	10.385	0.014	13788887	100.0	106.8	
						RPD = 13.11	
S 12 Polychlorinated biphenyls, Total							
1						944.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

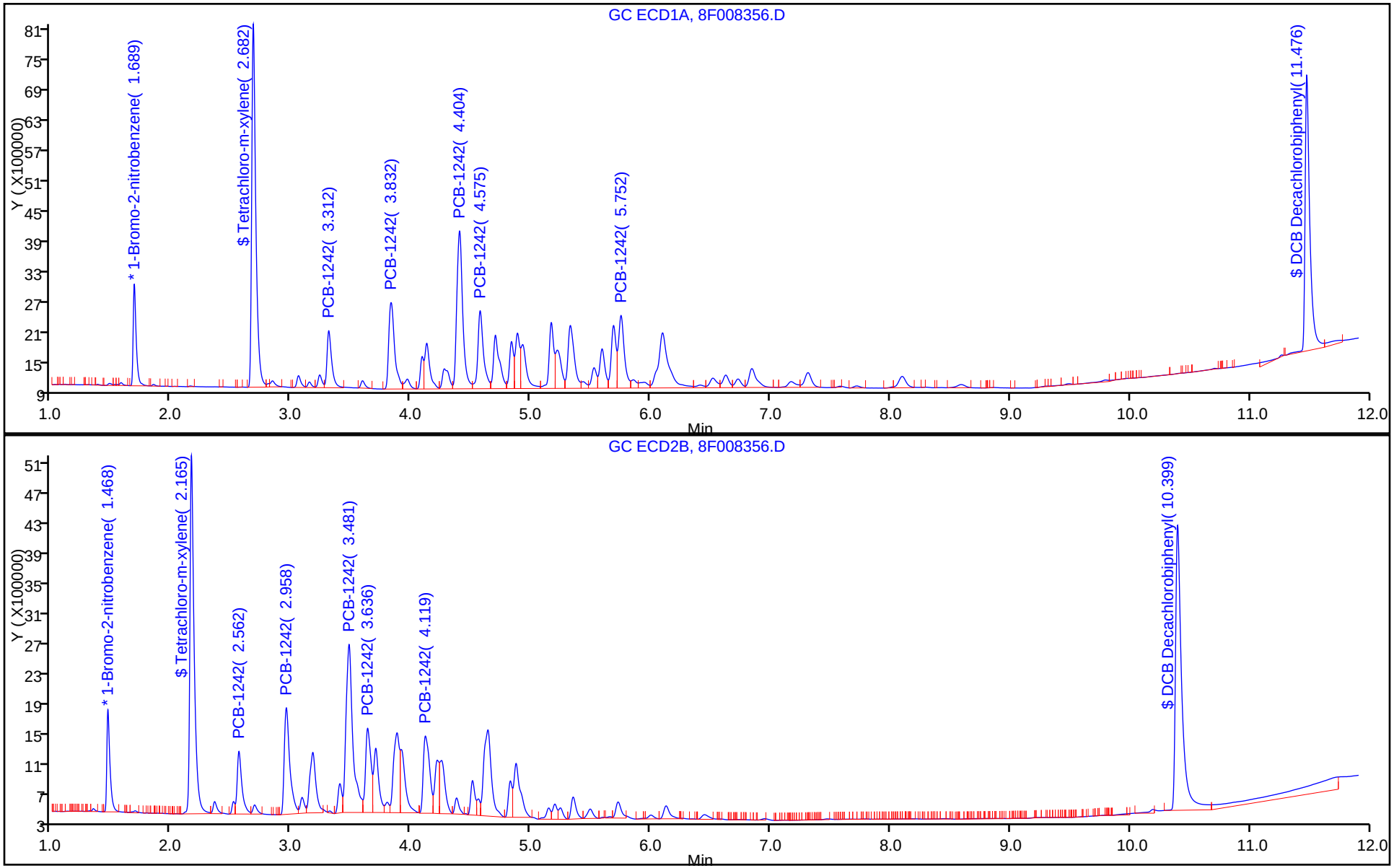
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:13:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D

Injection Date:	11-Nov-2015 07:58:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV 1242			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008356.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0179	0.0187		1040	1000	4.3	20.0
PCB-1242 Peak 2	Ave	0.0347	0.0368		1060	1000	6.1	20.0
PCB-1242 Peak 3	Ave	0.0684	0.0711		1040	1000	3.9	20.0
PCB-1242 Peak 4	Ave	0.0275	0.0279		1010	1000	1.4	20.0
PCB-1242 Peak 5	Ave	0.0308	0.0303		985	1000	-1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334446/61 Calibration Date: 11/11/2015 07:58

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008356.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.56	2.49	2.63
PCB-1242 Peak 2	2.96	2.89	3.03
PCB-1242 Peak 3	3.48	3.41	3.55
PCB-1242 Peak 4	3.64	3.57	3.71
PCB-1242 Peak 5	4.12	4.05	4.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D
Lims ID: CCV 1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 07:58:45 ALS Bottle#: 61 Worklist Smp#: 61
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-061
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:13:48 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 12:53:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3520609	20.0	20.0	
2	1.468	1.472	-0.004	2466290	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.682	2.682	0.000	16970539	100.0	100.9	
2	2.165	2.169	-0.004	11673922	100.0	94.3	
						RPD = 6.80	
4 PCB-1242							M
1	3.312	3.312	0.000	3043736	1000.0	1011.5	M
1	3.832	3.832	0.000	5805658	1000.0	916.7	
1	4.404	4.404	0.000	10637437	1000.0	899.2	M
1	4.575	4.575	0.000	5052919	1000.0	931.7	M
1	5.752	5.752	0.000	4872639	1000.0	962.9	M
		Average of Peak Amounts =				944.4	
2	2.562	2.562	0.000	2300594	1000.0	1043.4	
2	2.958	2.958	0.000	4542994	1000.0	1060.8	
2	3.481	3.481	0.000	8769632	1000.0	1039.4	
2	3.636	3.636	0.000	3437139	1000.0	1013.7	
2	4.119	4.119	0.000	3737286	1000.0	984.6	
		Average of Peak Amounts =				1028.4	
						RPD = 8.51	
$ 11 DCB Decachlorobiphenyl							
1	11.476	11.444	0.032	14924187	100.0	93.7	
2	10.399	10.385	0.014	13788887	100.0	106.8	
						RPD = 13.11	
S 12 Polychlorinated biphenyls, Total							
1						944.4	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

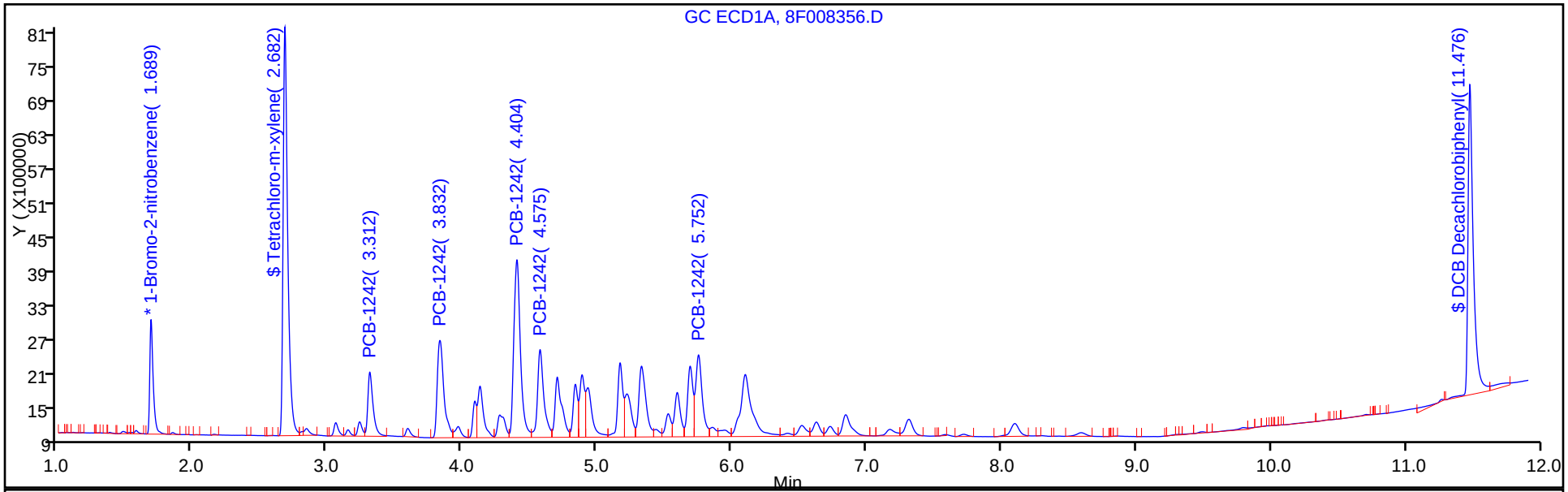
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

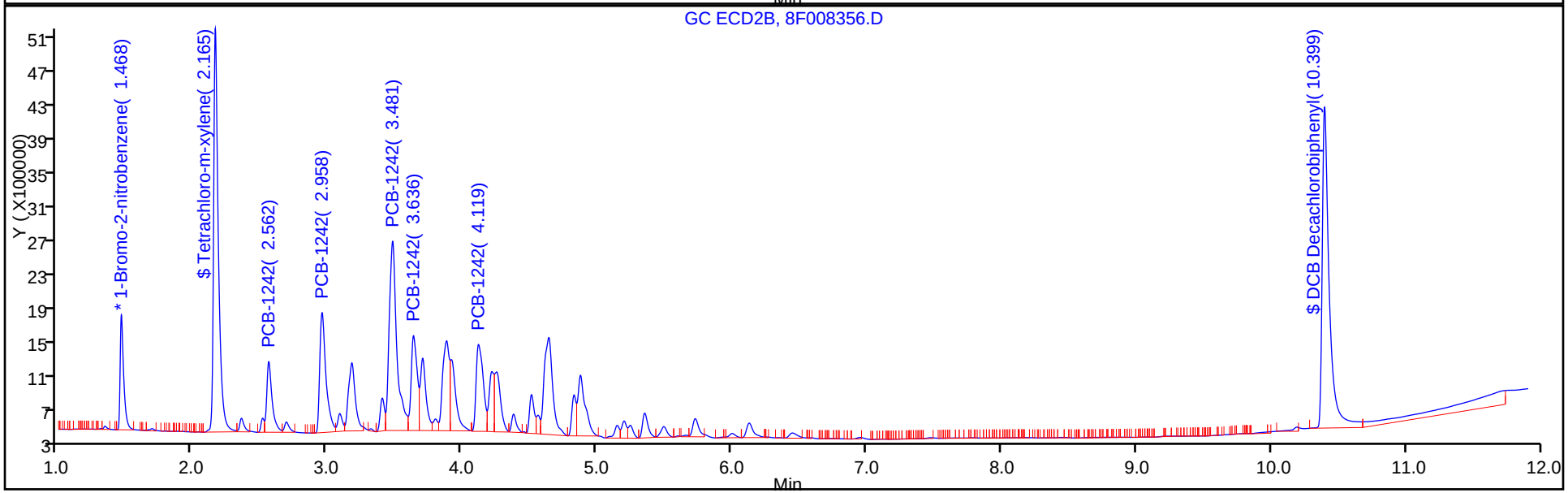
Report Date: 11-Nov-2015 13:13:49 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008356.D

Injection Date:	11-Nov-2015 07:58:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV 1242			Worklist Smp#:	61
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334643/2 Calibration Date: 11/11/2015 09:07

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008359.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0221	0.0223		1010	1000	0.9	20.0
PCB-1016 Peak 2	Ave	0.0473	0.0445		941	1000	-5.9	20.0
PCB-1016 Peak 3	Ave	0.0861	0.0819		951	1000	-4.9	20.0
PCB-1016 Peak 4	Ave	0.0294	0.0263		894	1000	-10.6	20.0
PCB-1016 Peak 5	Ave	0.0350	0.0342		978	1000	-2.2	20.0
PCB-1260 Peak 1	Ave	0.0690	0.0645		936	1000	-6.4	20.0
PCB-1260 Peak 2	Ave	0.0807	0.0780		966	1000	-3.4	20.0
PCB-1260 Peak 3	Ave	0.0474	0.0464		978	1000	-2.2	20.0
PCB-1260 Peak 4	Ave	0.1130	0.1107		980	1000	-2.0	20.0
PCB-1260 Peak 5	Ave	0.0289	0.0279		965	1000	-3.5	20.0
Tetrachloro-m-xylene	Ave	0.9554	1.015		106	100	6.2	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8808		97.3	100	-2.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334643/2 Calibration Date: 11/11/2015 09:07

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008359.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.31	3.24	3.38
PCB-1016 Peak 2	3.83	3.76	3.90
PCB-1016 Peak 3	4.41	4.34	4.48
PCB-1016 Peak 4	5.17	5.10	5.24
PCB-1016 Peak 5	5.33	5.26	5.40
PCB-1260 Peak 1	7.24	7.17	7.31
PCB-1260 Peak 2	7.72	7.65	7.79
PCB-1260 Peak 3	9.56	9.49	9.63
PCB-1260 Peak 4	9.97	9.90	10.04
PCB-1260 Peak 5	10.99	10.92	11.06
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.49	11.39	11.59

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008359.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 09:07:54 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:30:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 09:47:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3276268	20.0	20.0	
2	1.466	1.466	0.000	2334309	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.681	2.681	0.000	16619604	100.0	106.2	M
2	2.163	2.163	0.000	11596953	100.0	98.9	
						RPD = 7.07	
5 PCB-1016							M
1	3.311	3.311	0.000	3647487	1000.0	1008.5	M
1	3.832	3.832	0.000	7293439	1000.0	941.5	
1	4.405	4.405	0.000	13421644	1000.0	951.4	M
1	5.170	5.170	0.000	4301172	1000.0	893.8	M
1	5.329	5.329	0.000	5599050	1000.0	977.7	M
		Average of Peak Amounts =				954.6	
2	2.560	2.560	0.000	3006531	1000.0	1020.6	M
2	2.956	2.956	0.000	6025883	1000.0	1013.9	M
2	3.479	3.479	0.000	10923638	1000.0	951.8	M
2	3.634	3.634	0.000	4006676	1000.0	853.3	M
2	4.117	4.117	0.000	4186101	1000.0	807.0	M
		Average of Peak Amounts =				929.3	
						RPD = 2.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.242	7.242	0.000	10569245	1000.0	935.6	M
1	7.718	7.718	0.000	12772510	1000.0	965.6	M
1	9.557	9.557	0.000	7594299	1000.0	978.2	M
1	9.965	9.965	0.000	18131606	1000.0	979.8	M
1	10.991	10.991	0.000	4573341	1000.0	965.3	M
		Average of Peak Amounts =				964.9	
2	5.597	5.597	0.000	7651142	1000.0	879.0	M
2	7.112	7.112	0.000	6543527	1000.0	885.6	M
2	7.786	7.786	0.000	16608886	1000.0	1009.1	M
2	8.451	8.451	0.000	7434250	1000.0	833.7	M
2	9.834	9.834	0.000	3675119	1000.0	1041.7	M
		Average of Peak Amounts =				929.8	
						RPD = 3.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.492	11.492	0.000	14428680	100.0	97.3	
2	10.402	10.402	0.000	12871954	100.0	105.3	M
						RPD = 7.93	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

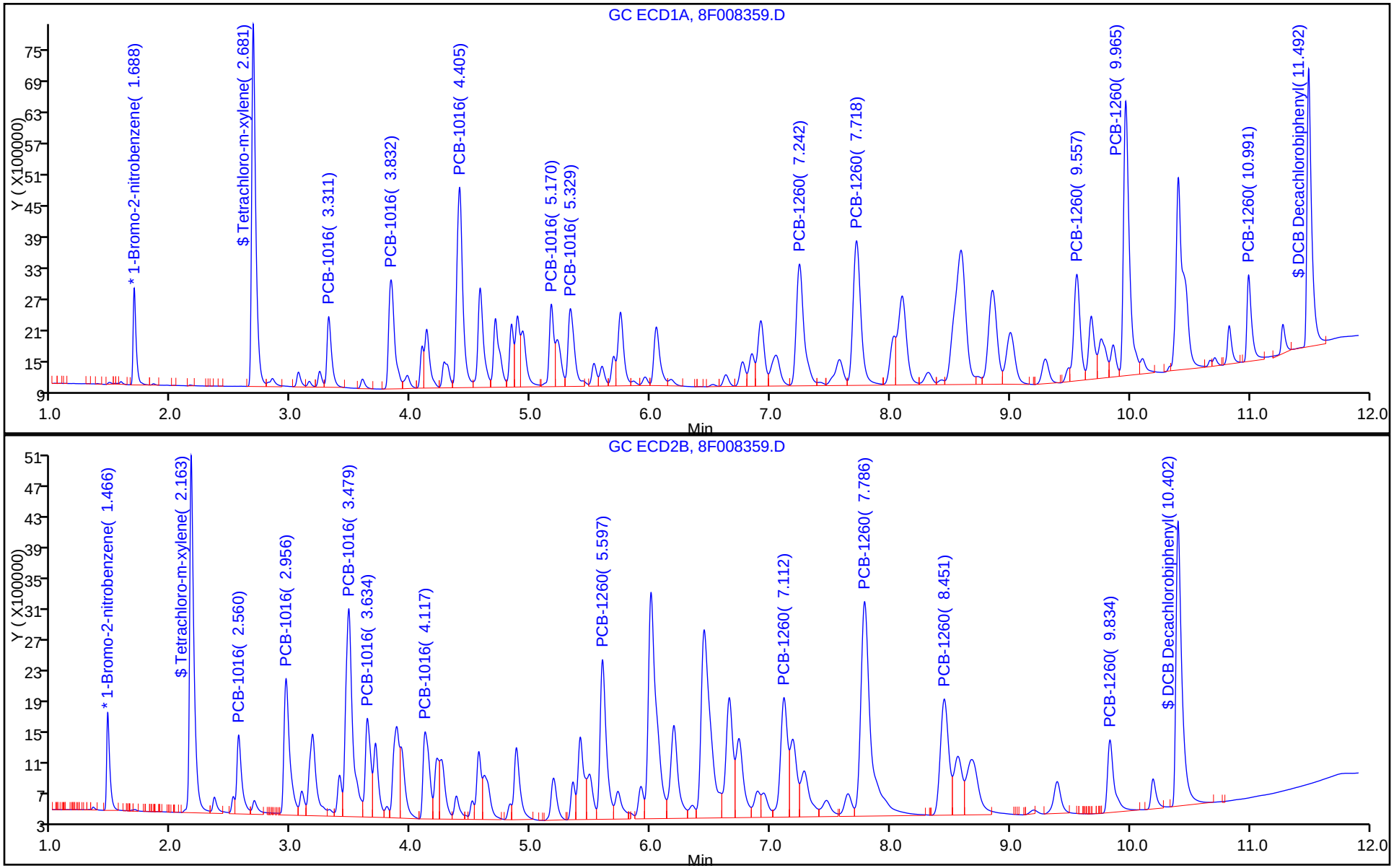
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:30:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008359.D

Injection Date:	11-Nov-2015 09:07:54	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334643/2 Calibration Date: 11/11/2015 09:07

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008359.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0252	0.0258		1020	1000	2.1	20.0
PCB-1016 Peak 2	Ave	0.0509	0.0516		1010	1000	1.4	20.0
PCB-1016 Peak 3	Ave	0.0983	0.0936		952	1000	-4.8	20.0
PCB-1016 Peak 4	Ave	0.0402	0.0343		853	1000	-14.7	20.0
PCB-1016 Peak 5	Ave	0.0444	0.0359		807	1000	-19.3	20.0
PCB-1260 Peak 1	Ave	0.0746	0.0656		879	1000	-12.1	20.0
PCB-1260 Peak 2	Ave	0.0633	0.0561		886	1000	-11.4	20.0
PCB-1260 Peak 3	Ave	0.1410	0.1423		1010	1000	0.9	20.0
PCB-1260 Peak 4	Ave	0.0764	0.0637		834	1000	-16.6	20.0
PCB-1260 Peak 5	Ave	0.0302	0.0315		1040	1000	4.2	20.0
Tetrachloro-m-xylene	Ave	1.004	0.9936		98.9	100	-1.1	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.103		105	100	5.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334643/2 Calibration Date: 11/11/2015 09:07

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008359.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.56	2.49	2.63
PCB-1016 Peak 2	2.96	2.89	3.03
PCB-1016 Peak 3	3.48	3.41	3.55
PCB-1016 Peak 4	3.63	3.56	3.70
PCB-1016 Peak 5	4.12	4.05	4.19
PCB-1260 Peak 1	5.60	5.53	5.67
PCB-1260 Peak 2	7.11	7.04	7.18
PCB-1260 Peak 3	7.79	7.72	7.86
PCB-1260 Peak 4	8.45	8.38	8.52
PCB-1260 Peak 5	9.83	9.76	9.90
Tetrachloro-m-xylene	2.16	2.11	2.21
DCB Decachlorobiphenyl	10.40	10.30	10.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008359.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 09:07:54 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:30:28 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 09:47:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3276268	20.0	20.0	
2	1.466	1.466	0.000	2334309	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.681	2.681	0.000	16619604	100.0	106.2	M
2	2.163	2.163	0.000	11596953	100.0	98.9	
						RPD = 7.07	
5 PCB-1016							M
1	3.311	3.311	0.000	3647487	1000.0	1008.5	M
1	3.832	3.832	0.000	7293439	1000.0	941.5	
1	4.405	4.405	0.000	13421644	1000.0	951.4	M
1	5.170	5.170	0.000	4301172	1000.0	893.8	M
1	5.329	5.329	0.000	5599050	1000.0	977.7	M
		Average of Peak Amounts =				954.6	
2	2.560	2.560	0.000	3006531	1000.0	1020.6	M
2	2.956	2.956	0.000	6025883	1000.0	1013.9	M
2	3.479	3.479	0.000	10923638	1000.0	951.8	M
2	3.634	3.634	0.000	4006676	1000.0	853.3	M
2	4.117	4.117	0.000	4186101	1000.0	807.0	M
		Average of Peak Amounts =				929.3	
						RPD = 2.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.242	7.242	0.000	10569245	1000.0	935.6	M
1	7.718	7.718	0.000	12772510	1000.0	965.6	M
1	9.557	9.557	0.000	7594299	1000.0	978.2	M
1	9.965	9.965	0.000	18131606	1000.0	979.8	M
1	10.991	10.991	0.000	4573341	1000.0	965.3	M
		Average of Peak Amounts =				964.9	
2	5.597	5.597	0.000	7651142	1000.0	879.0	M
2	7.112	7.112	0.000	6543527	1000.0	885.6	M
2	7.786	7.786	0.000	16608886	1000.0	1009.1	M
2	8.451	8.451	0.000	7434250	1000.0	833.7	M
2	9.834	9.834	0.000	3675119	1000.0	1041.7	M
		Average of Peak Amounts =				929.8	
						RPD = 3.70	
$ 11 DCB Decachlorobiphenyl							M
1	11.492	11.492	0.000	14428680	100.0	97.3	
2	10.402	10.402	0.000	12871954	100.0	105.3	M
						RPD = 7.93	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

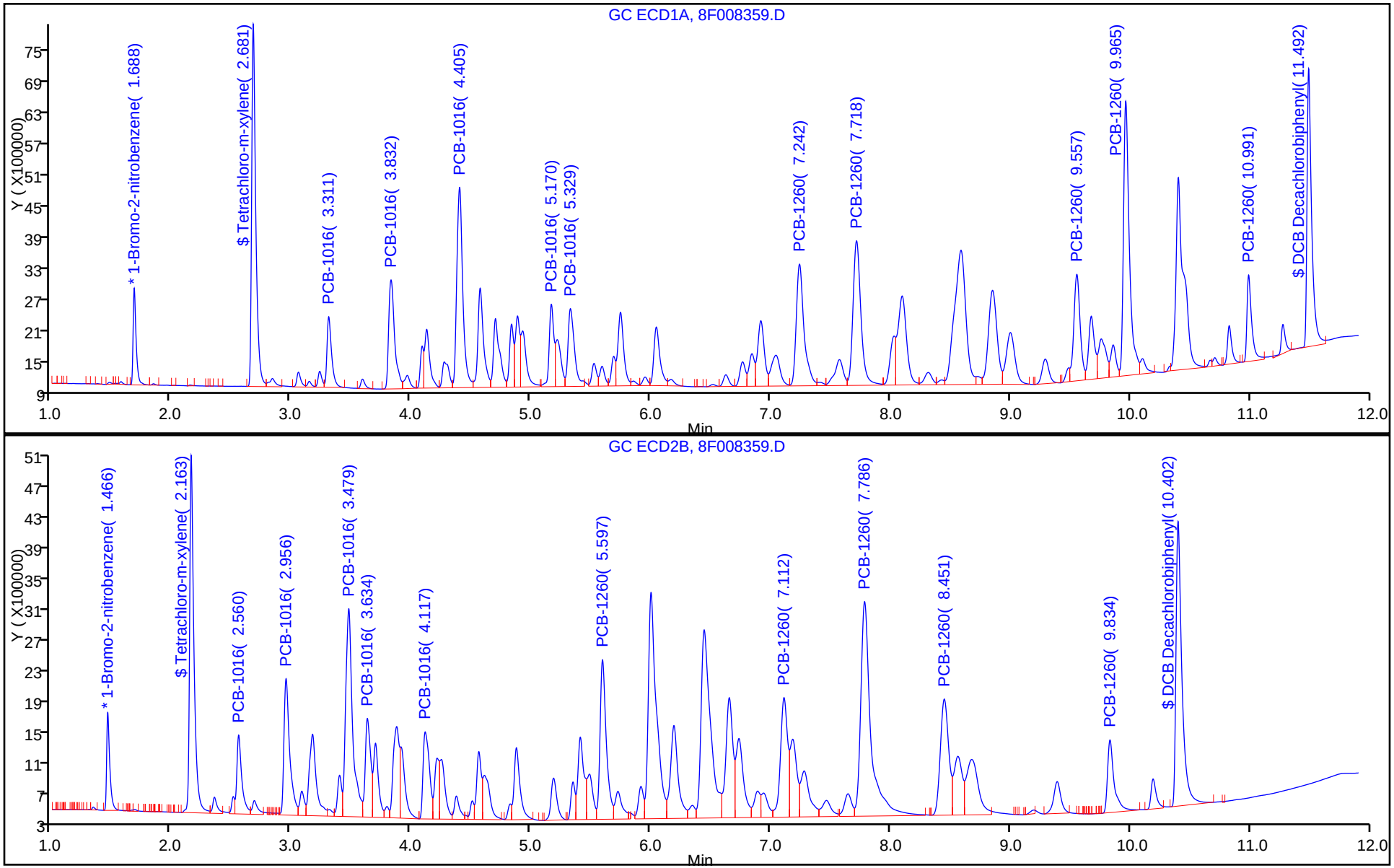
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:30:33 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008359.D

Injection Date:	11-Nov-2015 09:07:54	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008375.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9554	0.9861		103	100	3.2	20.0
DCB Decachlorobiphenyl	Ave	0.9051	0.8917		98.5	100	-1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008375.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.68	2.63	2.73
DCB Decachlorobiphenyl	11.48	11.39	11.59

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 15:02:53 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034110-018
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:34:06 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3423292	20.0	20.0	
2	1.470	1.468	0.002	2612547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.680	2.681	-0.001	16878270	100.0	103.2	
2	2.168	2.163	0.005	11280482	100.0	86.0	
						RPD = 18.20	
4 PCB-1242							M
1	3.310	3.311	-0.001	3010333	1000.0	1028.8	
1	3.829	3.831	-0.002	6164360	1000.0	1001.0	
1	4.402	4.403	-0.001	10656346	1000.0	926.4	
1	4.573	4.575	-0.002	4998018	1000.0	947.8	
1	5.749	5.750	-0.001	4796088	1000.0	974.7	
		Average of Peak Amounts =				975.7	
2	2.564	2.560	0.004	2143273	1000.0	917.7	
2	2.959	2.957	0.002	4547347	1000.0	1002.3	M
2	3.483	3.480	0.003	8844162	1000.0	989.6	M
2	3.638	3.635	0.003	3552791	1000.0	989.1	M
2	4.119	4.117	0.002	3969217	1000.0	987.1	M
		Average of Peak Amounts =				977.2	
						RPD = 0.15	
$ 11 DCB Decachlorobiphenyl							
1	11.477	11.492	-0.015	15263253	100.0	98.5	
2	10.399	10.402	-0.003	13466647	100.0	98.5	
						RPD = 0.04	
S 12 Polychlorinated biphenyls, Total							
1						975.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

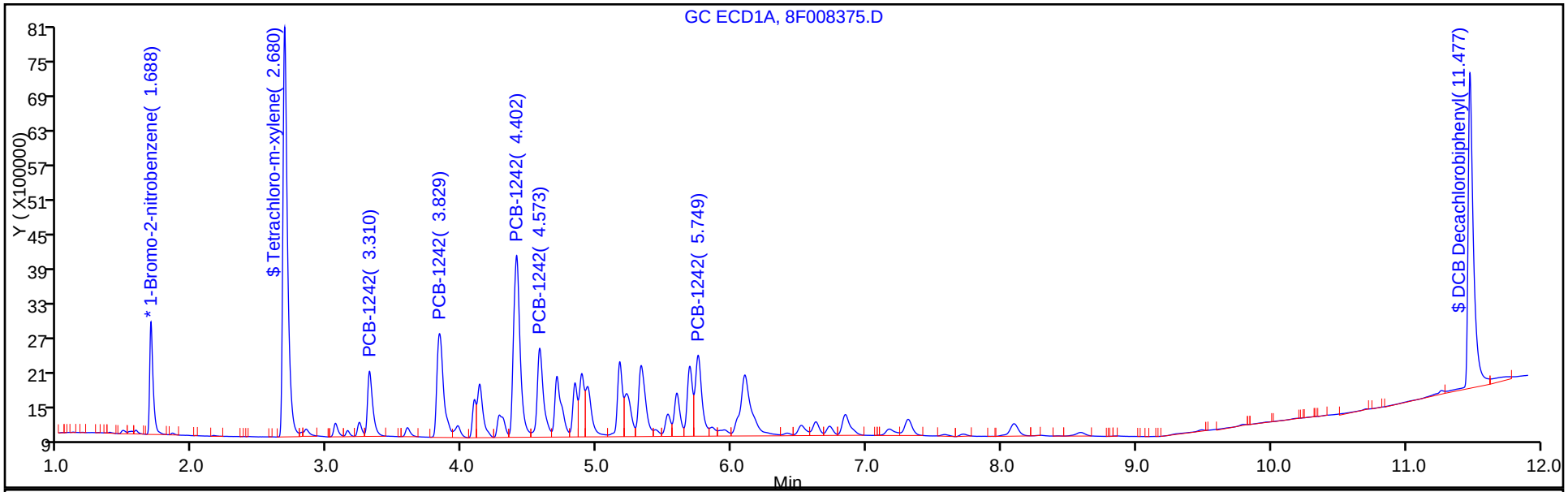
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

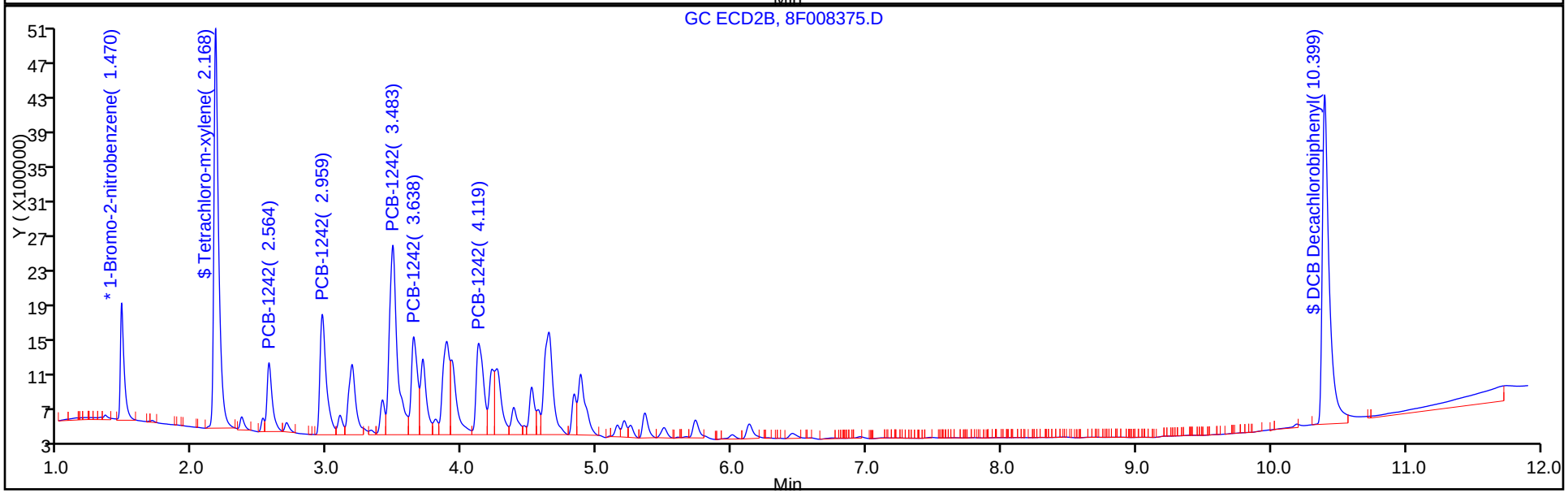
Report Date: 11-Nov-2015 15:34:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D

Injection Date:	11-Nov-2015 15:02:53	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008375.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0171	0.0176		1030	1000	2.9	20.0
PCB-1242 Peak 2	Ave	0.0360	0.0360		1000	1000	0.1	20.0
PCB-1242 Peak 3	Ave	0.0672	0.0623		926	1000	-7.4	20.0
PCB-1242 Peak 4	Ave	0.0308	0.0292		948	1000	-5.2	20.0
PCB-1242 Peak 5	Ave	0.0287	0.0280		975	1000	-2.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008375.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.31	3.24	3.38
PCB-1242 Peak 2	3.83	3.76	3.90
PCB-1242 Peak 3	4.40	4.33	4.47
PCB-1242 Peak 4	4.57	4.51	4.65
PCB-1242 Peak 5	5.75	5.68	5.82

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 15:02:53 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034110-018
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:34:06 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3423292	20.0	20.0	
2	1.470	1.468	0.002	2612547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.680	2.681	-0.001	16878270	100.0	103.2	
2	2.168	2.163	0.005	11280482	100.0	86.0	
						RPD = 18.20	
4 PCB-1242							M
1	3.310	3.311	-0.001	3010333	1000.0	1028.8	
1	3.829	3.831	-0.002	6164360	1000.0	1001.0	
1	4.402	4.403	-0.001	10656346	1000.0	926.4	
1	4.573	4.575	-0.002	4998018	1000.0	947.8	
1	5.749	5.750	-0.001	4796088	1000.0	974.7	
		Average of Peak Amounts =				975.7	
2	2.564	2.560	0.004	2143273	1000.0	917.7	
2	2.959	2.957	0.002	4547347	1000.0	1002.3	M
2	3.483	3.480	0.003	8844162	1000.0	989.6	M
2	3.638	3.635	0.003	3552791	1000.0	989.1	M
2	4.119	4.117	0.002	3969217	1000.0	987.1	M
		Average of Peak Amounts =				977.2	
						RPD = 0.15	
$ 11 DCB Decachlorobiphenyl							
1	11.477	11.492	-0.015	15263253	100.0	98.5	
2	10.399	10.402	-0.003	13466647	100.0	98.5	
						RPD = 0.04	
S 12 Polychlorinated biphenyls, Total							
1						975.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

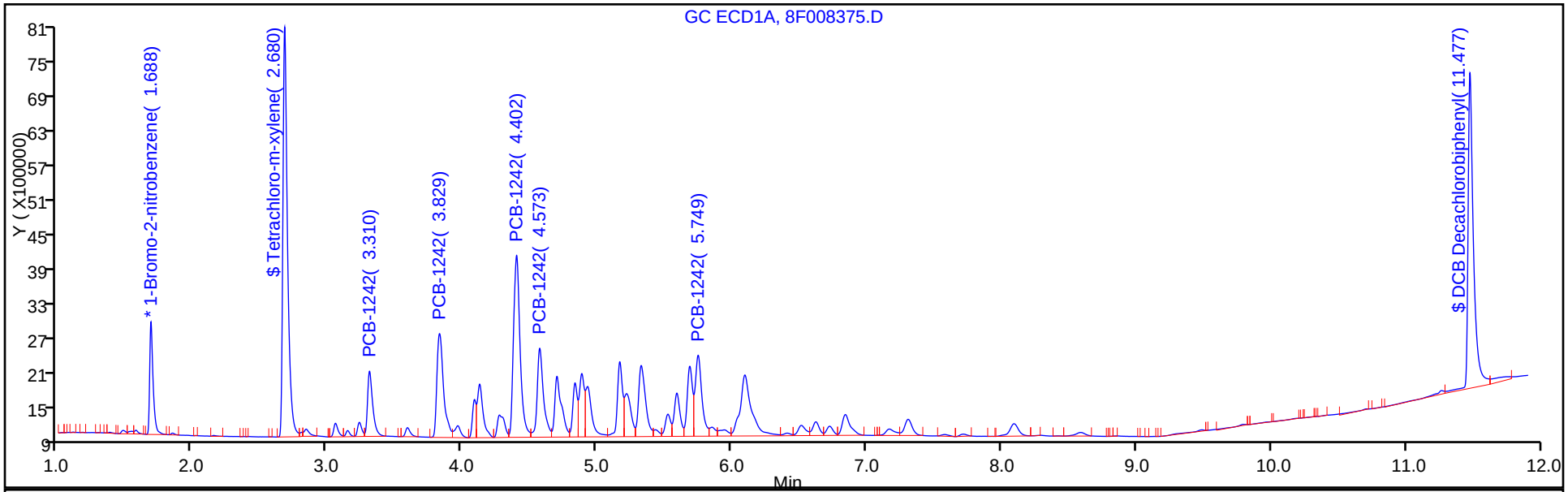
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

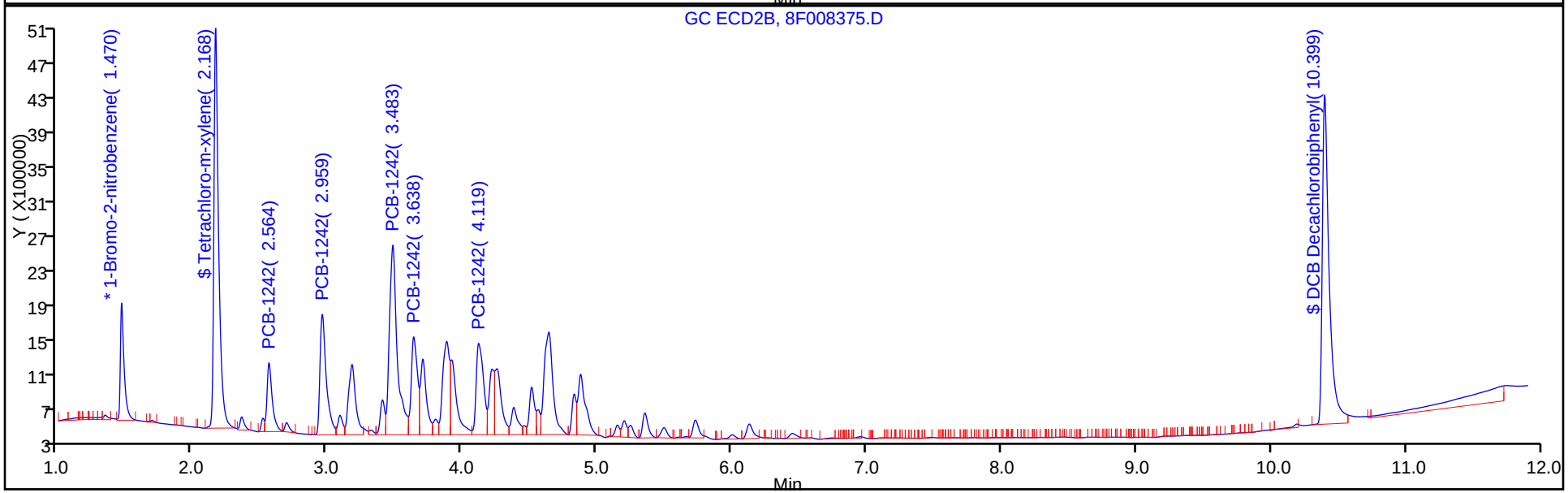
Report Date: 11-Nov-2015 15:34:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D

Injection Date:	11-Nov-2015 15:02:53	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008375.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	1.004	0.8636		86.0	100	-14.0	20.0
DCB Decachlorobiphenyl	Ave	1.047	1.031		98.5	100	-1.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 11:59

Lab File ID: 8F008375.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.17	2.11	2.21
DCB Decachlorobiphenyl	10.40	10.30	10.50

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 15:02:53 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034110-018
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:34:06 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3423292	20.0	20.0	
2	1.470	1.468	0.002	2612547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.680	2.681	-0.001	16878270	100.0	103.2	
2	2.168	2.163	0.005	11280482	100.0	86.0	
						RPD = 18.20	
4 PCB-1242							M
1	3.310	3.311	-0.001	3010333	1000.0	1028.8	
1	3.829	3.831	-0.002	6164360	1000.0	1001.0	
1	4.402	4.403	-0.001	10656346	1000.0	926.4	
1	4.573	4.575	-0.002	4998018	1000.0	947.8	
1	5.749	5.750	-0.001	4796088	1000.0	974.7	
		Average of Peak Amounts =				975.7	
2	2.564	2.560	0.004	2143273	1000.0	917.7	
2	2.959	2.957	0.002	4547347	1000.0	1002.3	M
2	3.483	3.480	0.003	8844162	1000.0	989.6	M
2	3.638	3.635	0.003	3552791	1000.0	989.1	M
2	4.119	4.117	0.002	3969217	1000.0	987.1	M
		Average of Peak Amounts =				977.2	
						RPD = 0.15	
$ 11 DCB Decachlorobiphenyl							
1	11.477	11.492	-0.015	15263253	100.0	98.5	
2	10.399	10.402	-0.003	13466647	100.0	98.5	
						RPD = 0.04	
S 12 Polychlorinated biphenyls, Total							
1						975.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

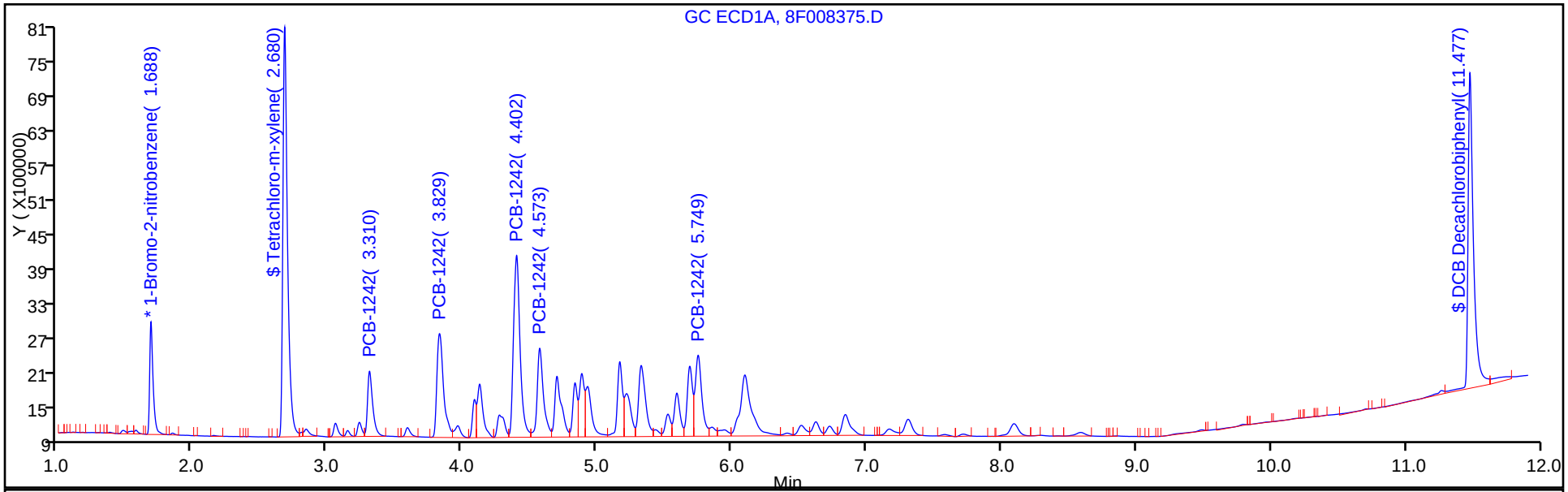
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

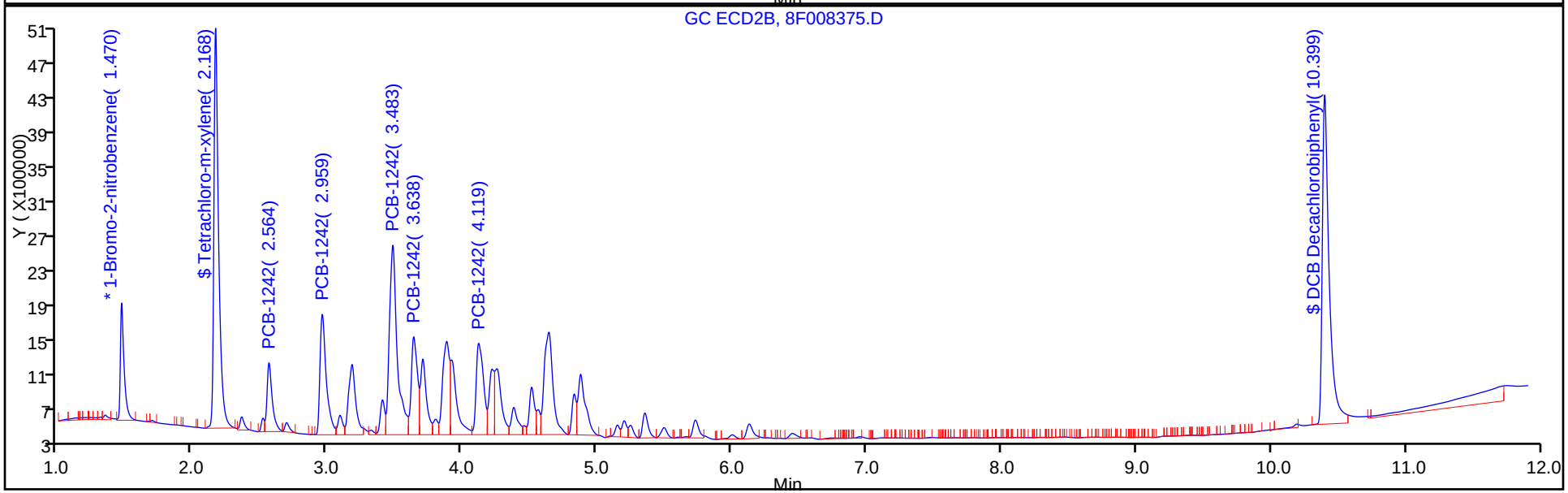
Report Date: 11-Nov-2015 15:34:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D

Injection Date:	11-Nov-2015 15:02:53	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008375.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0179	0.0164		918	1000	-8.2	20.0
PCB-1242 Peak 2	Ave	0.0347	0.0348		1000	1000	0.2	20.0
PCB-1242 Peak 3	Ave	0.0684	0.0677		990	1000	-1.0	20.0
PCB-1242 Peak 4	Ave	0.0275	0.0272		989	1000	-1.1	20.0
PCB-1242 Peak 5	Ave	0.0308	0.0304		987	1000	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334643/18 Calibration Date: 11/11/2015 15:02

Instrument ID: CPESTGC8 Calib Start Date: 08/03/2015 13:09

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/03/2015 13:09

Lab File ID: 8F008375.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.56	2.49	2.63
PCB-1242 Peak 2	2.96	2.89	3.03
PCB-1242 Peak 3	3.48	3.41	3.55
PCB-1242 Peak 4	3.64	3.57	3.71
PCB-1242 Peak 5	4.12	4.05	4.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 15:02:53 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034110-018
Operator ID: 615 Instrument ID: CPESTGC8
Sublist: chrom-8082ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:34:06 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK018

First Level Reviewer: patelji Date: 11-Nov-2015 15:28:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.688	1.688	0.000	3423292	20.0	20.0	
2	1.470	1.468	0.002	2612547	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.680	2.681	-0.001	16878270	100.0	103.2	
2	2.168	2.163	0.005	11280482	100.0	86.0	
						RPD = 18.20	
4 PCB-1242							M
1	3.310	3.311	-0.001	3010333	1000.0	1028.8	
1	3.829	3.831	-0.002	6164360	1000.0	1001.0	
1	4.402	4.403	-0.001	10656346	1000.0	926.4	
1	4.573	4.575	-0.002	4998018	1000.0	947.8	
1	5.749	5.750	-0.001	4796088	1000.0	974.7	
		Average of Peak Amounts =				975.7	
2	2.564	2.560	0.004	2143273	1000.0	917.7	
2	2.959	2.957	0.002	4547347	1000.0	1002.3	M
2	3.483	3.480	0.003	8844162	1000.0	989.6	M
2	3.638	3.635	0.003	3552791	1000.0	989.1	M
2	4.119	4.117	0.002	3969217	1000.0	987.1	M
		Average of Peak Amounts =				977.2	
						RPD = 0.15	
$ 11 DCB Decachlorobiphenyl							
1	11.477	11.492	-0.015	15263253	100.0	98.5	
2	10.399	10.402	-0.003	13466647	100.0	98.5	
						RPD = 0.04	
S 12 Polychlorinated biphenyls, Total							
1						975.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

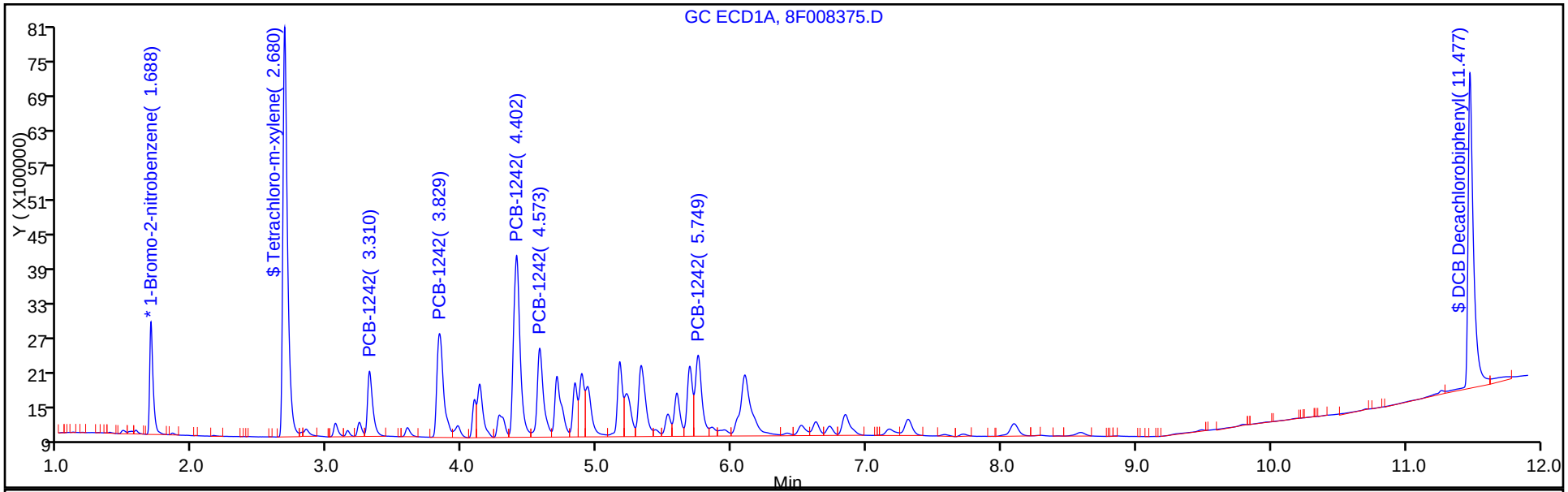
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

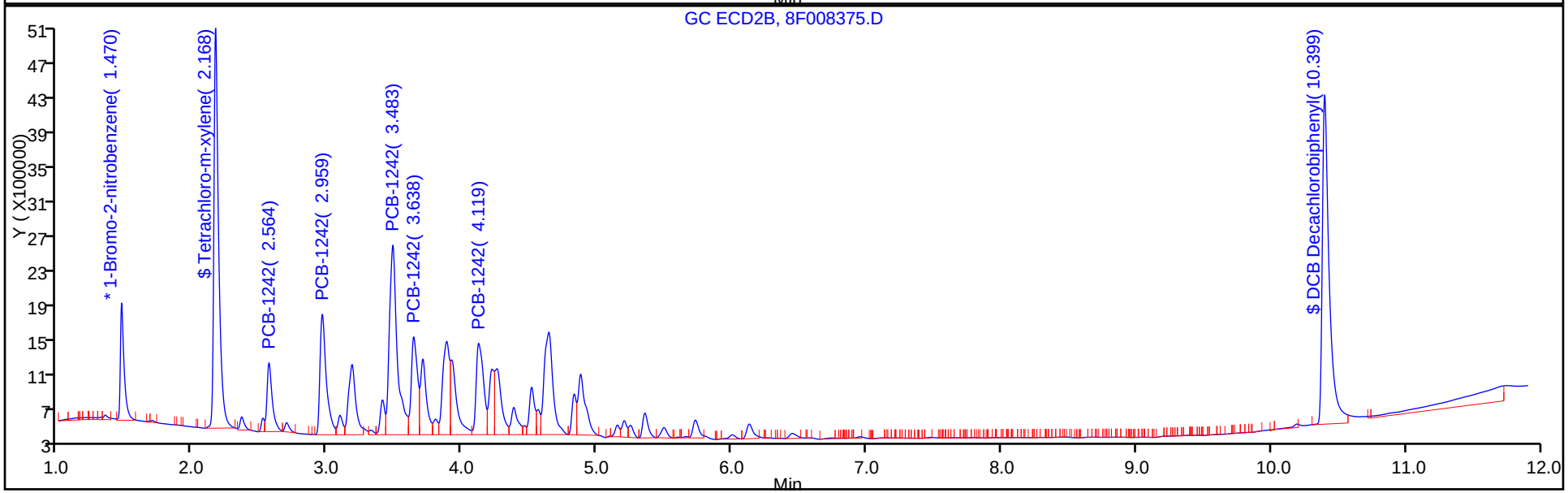
Report Date: 11-Nov-2015 15:34:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151111-34110.b\8F008375.D

Injection Date:	11-Nov-2015 15:02:53	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334219/3 Calibration Date: 11/09/2015 21:46

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504368.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0244	0.0223		914	1000	-8.6	20.0
PCB-1016 Peak 2	Ave	0.0515	0.0497		964	1000	-3.6	20.0
PCB-1016 Peak 3	Ave	0.0886	0.0804		908	1000	-9.2	20.0
PCB-1016 Peak 4	Ave	0.0281	0.0257		914	1000	-8.6	20.0
PCB-1016 Peak 5	Ave	0.0323	0.0301		932	1000	-6.8	20.0
PCB-1260 Peak 1	Ave	0.0626	0.0615		983	1000	-1.7	20.0
PCB-1260 Peak 2	Ave	0.0719	0.0693		964	1000	-3.6	20.0
PCB-1260 Peak 3	Ave	0.0443	0.0415		938	1000	-6.2	20.0
PCB-1260 Peak 4	Ave	0.0909	0.0859		944	1000	-5.6	20.0
PCB-1260 Peak 5	Ave	0.0240	0.0215		896	1000	-10.4	20.0
Tetrachloro-m-xylene	Ave	0.9255	0.9408		102	100	1.7	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.8835		99.3	100	-0.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334219/3 Calibration Date: 11/09/2015 21:46

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504368.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.24	3.17	3.31
PCB-1016 Peak 2	3.75	3.68	3.82
PCB-1016 Peak 3	4.32	4.25	4.39
PCB-1016 Peak 4	5.08	5.01	5.15
PCB-1016 Peak 5	5.23	5.16	5.30
PCB-1260 Peak 1	6.87	6.80	6.94
PCB-1260 Peak 2	7.25	7.18	7.32
PCB-1260 Peak 3	8.55	8.48	8.62
PCB-1260 Peak 4	8.84	8.77	8.91
PCB-1260 Peak 5	9.68	9.61	9.75
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.12	10.02	10.22

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504368.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2015 21:46:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: boykinc Date: 09-Nov-2015 22:22:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.648	1.648	0.000	1290062	20.0	20.0	M
2	1.429	1.429	0.000	2438037	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.622	2.622	0.000	6068464	100.0	101.7	
2	2.112	2.112	0.000	10773636	100.0	91.1	
						RPD = 10.99	
5 PCB-1016							M
1	3.241	3.241	0.000	1438761	1000.0	913.5	
1	3.754	3.754	0.000	3205095	1000.0	964.5	
1	4.319	4.319	0.000	5188115	1000.0	908.1	
1	5.078	5.078	0.000	1656989	1000.0	914.3	
1	5.229	5.229	0.000	1940290	1000.0	932.0	
		Average of Peak Amounts =				926.5	
2	2.505	2.505	0.000	2717259	1000.0	857.0	M
2	2.898	2.898	0.000	5040216	1000.0	811.1	M
2	3.419	3.419	0.000	9552106	1000.0	824.8	M
2	3.573	3.573	0.000	3757214	1000.0	867.6	M
2	4.054	4.054	0.000	4171458	1000.0	892.8	M
		Average of Peak Amounts =				850.7	
						RPD = 8.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.872	6.872	0.000	3967044	1000.0	982.5	
1	7.249	7.249	0.000	4470411	1000.0	963.9	
1	8.545	8.545	0.000	2678842	1000.0	938.4	
1	8.839	8.839	0.000	5540505	1000.0	944.5	
1	9.680	9.680	0.000	1388630	1000.0	895.6	
		Average of Peak Amounts =				945.0	
2	5.505	5.505	0.000	6613573	1000.0	875.5	M
2	6.793	6.793	0.000	5216838	1000.0	850.9	M
2	7.326	7.326	0.000	12495352	1000.0	877.3	M
2	7.866	7.866	0.000	6136463	1000.0	884.6	
2	8.774	8.774	0.000	3039081	1000.0	846.1	M
		Average of Peak Amounts =				866.9	
						RPD = 8.62	
$ 11 DCB Decachlorobiphenyl							M
1	10.115	10.115	0.000	5698660	100.0	99.3	
2	9.228	9.228	0.000	11242650	100.0	90.0	M
						RPD = 9.79	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

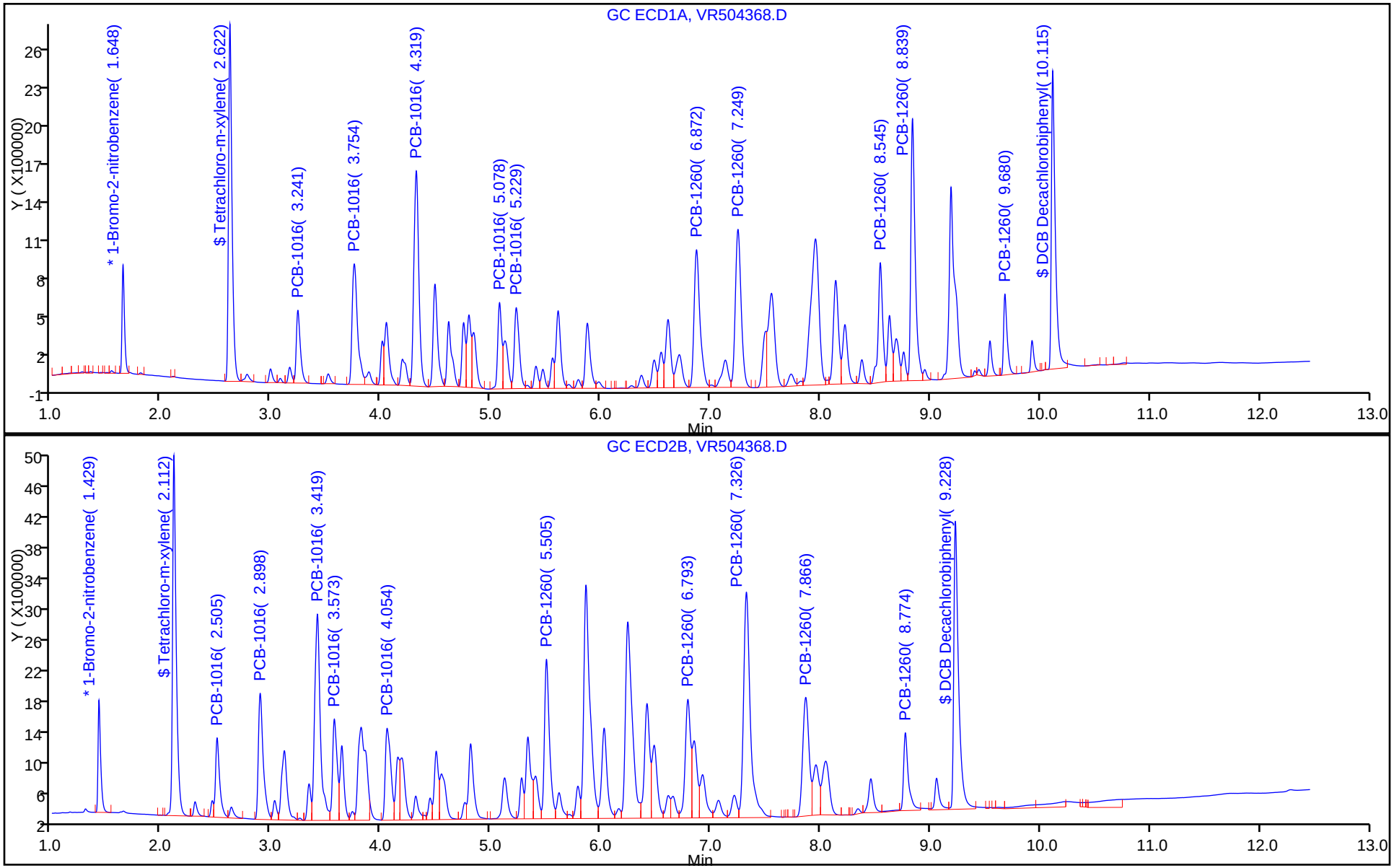
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 12:00:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504368.D

Injection Date:	09-Nov-2015 21:46:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	ccvis			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334219/3 Calibration Date: 11/09/2015 21:46

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504368.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0260	0.0223		857	1000	-14.3	20.0
PCB-1016 Peak 2	Ave	0.0510	0.0414		811	1000	-18.9	20.0
PCB-1016 Peak 3	Ave	0.0950	0.0784		825	1000	-17.5	20.0
PCB-1016 Peak 4	Ave	0.0355	0.0308		868	1000	-13.2	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0342		893	1000	-10.7	20.0
PCB-1260 Peak 1	Ave	0.0620	0.0543		876	1000	-12.4	20.0
PCB-1260 Peak 2	Ave	0.0503	0.0428		851	1000	-14.9	20.0
PCB-1260 Peak 3	Ave	0.1168	0.1025		877	1000	-12.3	20.0
PCB-1260 Peak 4	Ave	0.0569	0.0503		885	1000	-11.5	20.0
PCB-1260 Peak 5	Ave	0.0295	0.0249		846	1000	-15.4	20.0
Tetrachloro-m-xylene	Ave	0.9705	0.8838		91.1	100	-8.9	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9223		90.0	100	-10.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334219/3 Calibration Date: 11/09/2015 21:46

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504368.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.51	2.44	2.58
PCB-1016 Peak 2	2.90	2.83	2.97
PCB-1016 Peak 3	3.42	3.35	3.49
PCB-1016 Peak 4	3.57	3.50	3.64
PCB-1016 Peak 5	4.05	3.98	4.12
PCB-1260 Peak 1	5.51	5.44	5.58
PCB-1260 Peak 2	6.79	6.72	6.86
PCB-1260 Peak 3	7.33	7.26	7.40
PCB-1260 Peak 4	7.87	7.80	7.94
PCB-1260 Peak 5	8.77	8.70	8.84
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.23	9.13	9.33

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504368.D
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Nov-2015 21:46:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: boykinc Date: 09-Nov-2015 22:22:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.648	1.648	0.000	1290062	20.0	20.0	M
2	1.429	1.429	0.000	2438037	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.622	2.622	0.000	6068464	100.0	101.7	
2	2.112	2.112	0.000	10773636	100.0	91.1	
						RPD = 10.99	
5 PCB-1016							M
1	3.241	3.241	0.000	1438761	1000.0	913.5	
1	3.754	3.754	0.000	3205095	1000.0	964.5	
1	4.319	4.319	0.000	5188115	1000.0	908.1	
1	5.078	5.078	0.000	1656989	1000.0	914.3	
1	5.229	5.229	0.000	1940290	1000.0	932.0	
		Average of Peak Amounts =				926.5	
2	2.505	2.505	0.000	2717259	1000.0	857.0	M
2	2.898	2.898	0.000	5040216	1000.0	811.1	M
2	3.419	3.419	0.000	9552106	1000.0	824.8	M
2	3.573	3.573	0.000	3757214	1000.0	867.6	M
2	4.054	4.054	0.000	4171458	1000.0	892.8	M
		Average of Peak Amounts =				850.7	
						RPD = 8.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.872	6.872	0.000	3967044	1000.0	982.5	
1	7.249	7.249	0.000	4470411	1000.0	963.9	
1	8.545	8.545	0.000	2678842	1000.0	938.4	
1	8.839	8.839	0.000	5540505	1000.0	944.5	
1	9.680	9.680	0.000	1388630	1000.0	895.6	
		Average of Peak Amounts =				945.0	
2	5.505	5.505	0.000	6613573	1000.0	875.5	M
2	6.793	6.793	0.000	5216838	1000.0	850.9	M
2	7.326	7.326	0.000	12495352	1000.0	877.3	M
2	7.866	7.866	0.000	6136463	1000.0	884.6	
2	8.774	8.774	0.000	3039081	1000.0	846.1	M
		Average of Peak Amounts =				866.9	
						RPD = 8.62	
$ 11 DCB Decachlorobiphenyl							M
1	10.115	10.115	0.000	5698660	100.0	99.3	
2	9.228	9.228	0.000	11242650	100.0	90.0	M
						RPD = 9.79	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

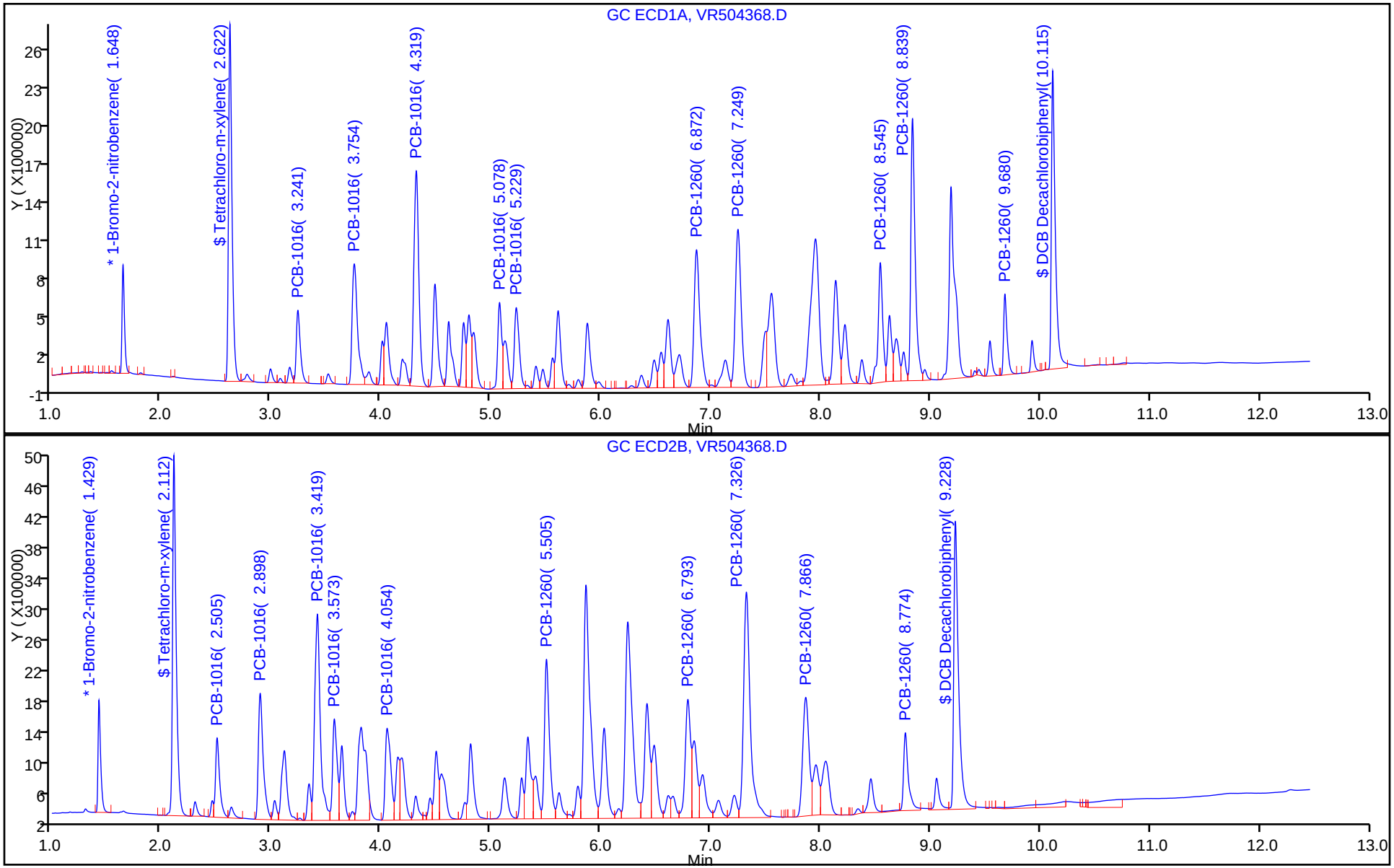
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 12:00:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504368.D

Injection Date:	09-Nov-2015 21:46:30	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	ccvis			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334363/1 Calibration Date: 11/10/2015 10:31

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504389.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0244	0.0245		1000	1000	0.3	20.0
PCB-1016 Peak 2	Ave	0.0515	0.0538		1040	1000	4.5	20.0
PCB-1016 Peak 3	Ave	0.0886	0.0912		1030	1000	3.0	20.0
PCB-1016 Peak 4	Ave	0.0281	0.0277		984	1000	-1.6	20.0
PCB-1016 Peak 5	Ave	0.0323	0.0334		1030	1000	3.4	20.0
PCB-1260 Peak 1	Ave	0.0626	0.0676		1080	1000	8.0	20.0
PCB-1260 Peak 2	Ave	0.0719	0.0754		1050	1000	4.9	20.0
PCB-1260 Peak 3	Ave	0.0443	0.0469		1060	1000	6.0	20.0
PCB-1260 Peak 4	Ave	0.0909	0.0952		1050	1000	4.6	20.0
PCB-1260 Peak 5	Ave	0.0240	0.0243		1010	1000	0.9	20.0
Tetrachloro-m-xylene	Ave	0.9255	1.049		113	100	13.4	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.9648		108	100	8.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334363/1 Calibration Date: 11/10/2015 10:31

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504389.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.24	3.17	3.31
PCB-1016 Peak 2	3.75	3.68	3.82
PCB-1016 Peak 3	4.32	4.25	4.39
PCB-1016 Peak 4	5.08	5.01	5.15
PCB-1016 Peak 5	5.23	5.16	5.30
PCB-1260 Peak 1	6.87	6.80	6.94
PCB-1260 Peak 2	7.25	7.18	7.32
PCB-1260 Peak 3	8.55	8.48	8.62
PCB-1260 Peak 4	8.84	8.77	8.91
PCB-1260 Peak 5	9.70	9.63	9.77
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.14	10.04	10.24

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504389.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 10:31:45 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 11:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.648	1.648	0.000	1557225	20.0	20.0	
2	1.428	1.428	0.000	3117545	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.621	2.621	0.000	8168869	100.0	113.4	
2	2.111	2.111	0.000	14629622	100.0	96.7	
						RPD = 15.86	
5 PCB-1016							M
1	3.239	3.239	0.000	1906708	1000.0	1002.9	
1	3.753	3.753	0.000	4191388	1000.0	1044.9	M
1	4.318	4.318	0.000	7103426	1000.0	1030.0	M
1	5.076	5.076	0.000	2153500	1000.0	984.4	
1	5.228	5.228	0.000	2597591	1000.0	1033.6	M
		Average of Peak Amounts =				1019.2	
2	2.504	2.504	0.000	3645309	1000.0	899.1	M
2	2.897	2.897	0.000	6530961	1000.0	822.0	M
2	3.418	3.418	0.000	12326434	1000.0	832.4	M
2	3.572	3.572	0.000	4881936	1000.0	881.6	M
2	4.052	4.052	0.000	5263474	1000.0	881.0	M
		Average of Peak Amounts =				863.2	
						RPD = 16.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.868	6.868	0.000	5265235	1000.0	1080.3	M
1	7.246	7.246	0.000	5872537	1000.0	1049.0	M
1	8.547	8.547	0.000	3652955	1000.0	1060.1	
1	8.843	8.843	0.000	7410185	1000.0	1046.5	
1	9.697	9.697	0.000	1888127	1000.0	1008.8	M
		Average of Peak Amounts =				1049.0	
2	5.503	5.503	0.000	8700106	1000.0	900.7	M
2	6.789	6.789	0.000	6816923	1000.0	869.6	M
2	7.323	7.323	0.000	16847245	1000.0	925.0	M
2	7.863	7.863	0.000	8814701	1000.0	993.7	M
2	8.778	8.778	0.000	4175547	1000.0	909.1	M
		Average of Peak Amounts =				919.6	
						RPD = 13.14	
$ 11 DCB Decachlorobiphenyl							M
1	10.139	10.139	0.000	7511869	100.0	108.4	M
2	9.238	9.238	0.000	14469981	100.0	90.6	M
						RPD = 17.90	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

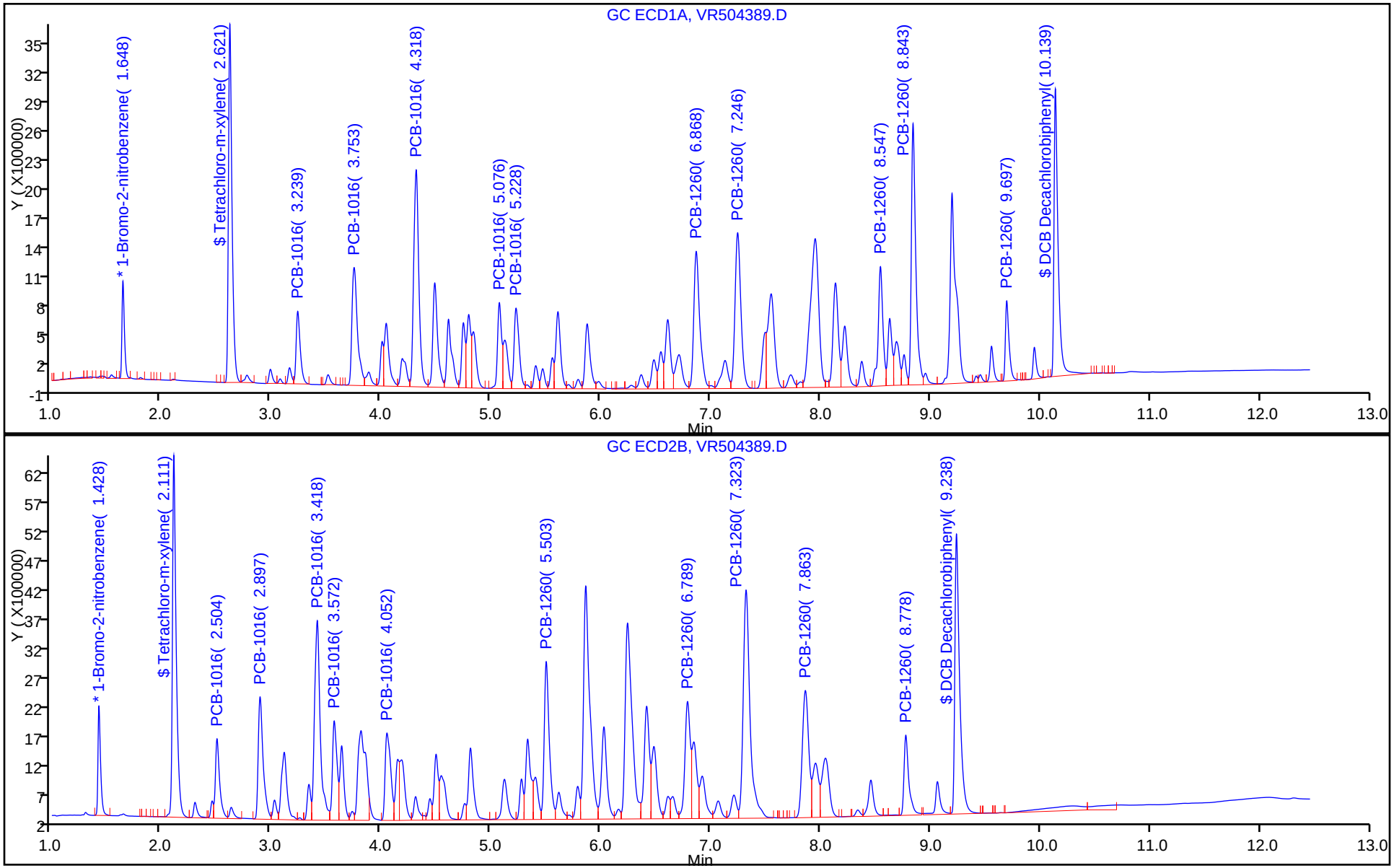
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 16:08:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504389.D

Injection Date:	10-Nov-2015 10:31:45	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334363/1 Calibration Date: 11/10/2015 10:31

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504389.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0260	0.0234		899	1000	-10.1	20.0
PCB-1016 Peak 2	Ave	0.0510	0.0419		822	1000	-17.8	20.0
PCB-1016 Peak 3	Ave	0.0950	0.0791		832	1000	-16.8	20.0
PCB-1016 Peak 4	Ave	0.0355	0.0313		882	1000	-11.8	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0338		881	1000	-11.9	20.0
PCB-1260 Peak 1	Ave	0.0620	0.0558		901	1000	-9.9	20.0
PCB-1260 Peak 2	Ave	0.0503	0.0437		870	1000	-13.0	20.0
PCB-1260 Peak 3	Ave	0.1168	0.1081		925	1000	-7.5	20.0
PCB-1260 Peak 4	Ave	0.0569	0.0566		994	1000	-0.6	20.0
PCB-1260 Peak 5	Ave	0.0295	0.0268		909	1000	-9.1	20.0
Tetrachloro-m-xylene	Ave	0.9705	0.9385		96.7	100	-3.3	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9283		90.6	100	-9.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334363/1 Calibration Date: 11/10/2015 10:31

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504389.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.50	2.43	2.57
PCB-1016 Peak 2	2.90	2.83	2.97
PCB-1016 Peak 3	3.42	3.35	3.49
PCB-1016 Peak 4	3.57	3.50	3.64
PCB-1016 Peak 5	4.05	3.98	4.12
PCB-1260 Peak 1	5.50	5.43	5.57
PCB-1260 Peak 2	6.79	6.72	6.86
PCB-1260 Peak 3	7.32	7.25	7.39
PCB-1260 Peak 4	7.86	7.79	7.93
PCB-1260 Peak 5	8.78	8.71	8.85
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.24	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504389.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 10:31:45 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:08:45 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 11:51:14

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.648	1.648	0.000	1557225	20.0	20.0	
2	1.428	1.428	0.000	3117545	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.621	2.621	0.000	8168869	100.0	113.4	
2	2.111	2.111	0.000	14629622	100.0	96.7	
						RPD = 15.86	
5 PCB-1016							M
1	3.239	3.239	0.000	1906708	1000.0	1002.9	
1	3.753	3.753	0.000	4191388	1000.0	1044.9	M
1	4.318	4.318	0.000	7103426	1000.0	1030.0	M
1	5.076	5.076	0.000	2153500	1000.0	984.4	
1	5.228	5.228	0.000	2597591	1000.0	1033.6	M
		Average of Peak Amounts =				1019.2	
2	2.504	2.504	0.000	3645309	1000.0	899.1	M
2	2.897	2.897	0.000	6530961	1000.0	822.0	M
2	3.418	3.418	0.000	12326434	1000.0	832.4	M
2	3.572	3.572	0.000	4881936	1000.0	881.6	M
2	4.052	4.052	0.000	5263474	1000.0	881.0	M
		Average of Peak Amounts =				863.2	
						RPD = 16.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.868	6.868	0.000	5265235	1000.0	1080.3	M
1	7.246	7.246	0.000	5872537	1000.0	1049.0	M
1	8.547	8.547	0.000	3652955	1000.0	1060.1	
1	8.843	8.843	0.000	7410185	1000.0	1046.5	
1	9.697	9.697	0.000	1888127	1000.0	1008.8	M
		Average of Peak Amounts =				1049.0	
2	5.503	5.503	0.000	8700106	1000.0	900.7	M
2	6.789	6.789	0.000	6816923	1000.0	869.6	M
2	7.323	7.323	0.000	16847245	1000.0	925.0	M
2	7.863	7.863	0.000	8814701	1000.0	993.7	M
2	8.778	8.778	0.000	4175547	1000.0	909.1	M
		Average of Peak Amounts =				919.6	
						RPD = 13.14	
$ 11 DCB Decachlorobiphenyl							M
1	10.139	10.139	0.000	7511869	100.0	108.4	M
2	9.238	9.238	0.000	14469981	100.0	90.6	M
						RPD = 17.90	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

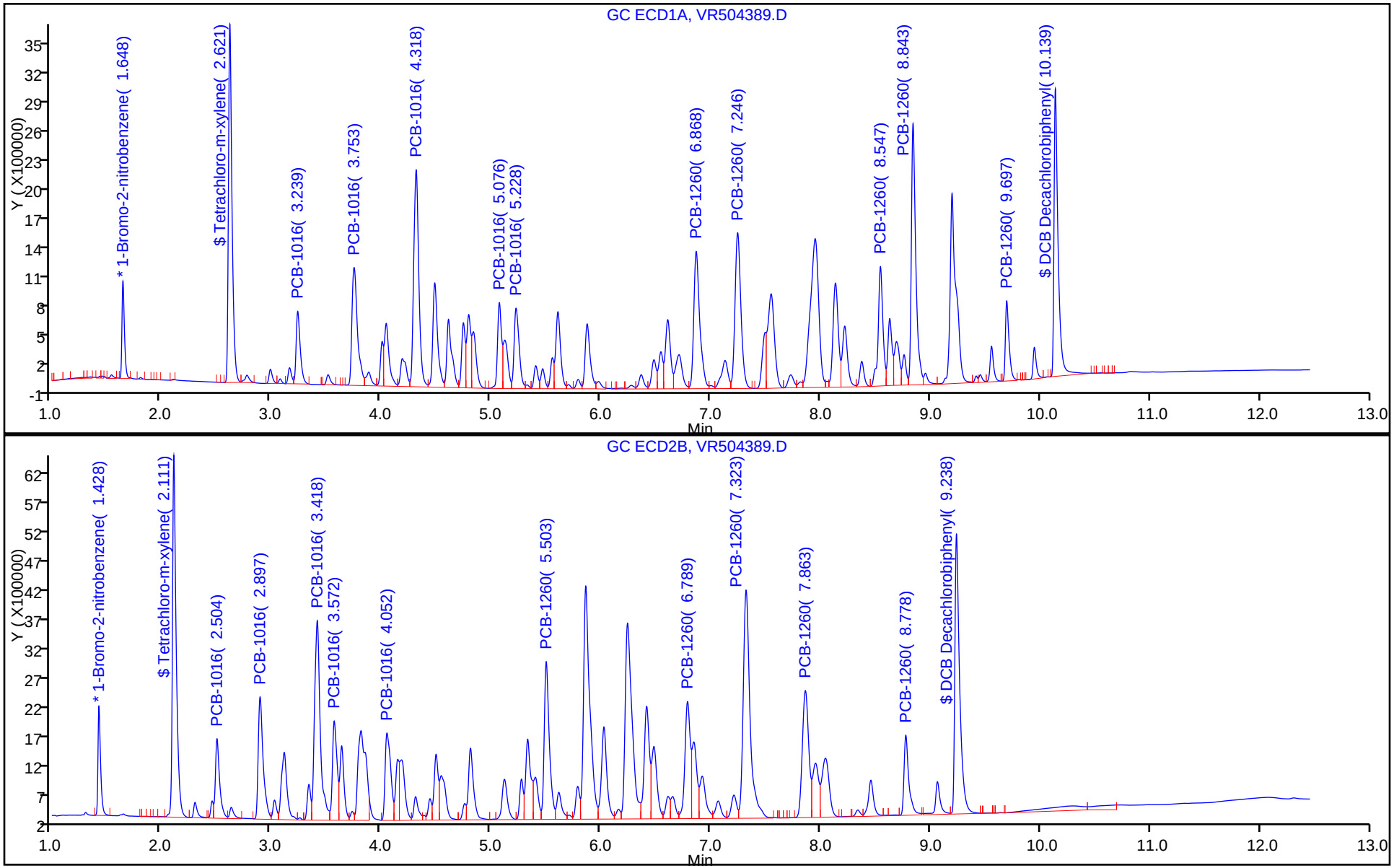
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 10-Nov-2015 16:08:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504389.D

Injection Date:	10-Nov-2015 10:31:45	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504408.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9255	0.7701		83.2	100	-16.8	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.7947		89.3	100	-10.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504408.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.10	10.04	10.24

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 15:54:47 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-020
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:19:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 16:13:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.645	1.648	-0.003	1754154	20.0	20.0	M
2	1.432	1.428	0.004	2458510	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.621	-0.005	6754446	100.0	83.2	
2	2.114	2.111	0.003	11378492	100.0	95.4	M
						RPD = 13.63	
4 PCB-1242							M
1	3.232	3.242	-0.010	1217675	1000.0	932.5	M
1	3.746	3.756	-0.010	2687687	1000.0	965.4	M
1	4.312	4.321	-0.009	4195351	1000.0	912.5	M
1	4.481	4.491	-0.010	1861542	1000.0	895.1	M
1	5.607	5.613	-0.006	1579209	1000.0	858.7	M
		Average of Peak Amounts =				912.8	
2	2.507	2.506	0.001	2134156	1000.0	1094.2	
2	2.899	2.897	0.002	4142129	1000.0	1057.1	
2	3.419	3.418	0.001	8010705	1000.0	1017.4	
2	3.573	3.572	0.001	3083617	1000.0	1035.7	
2	4.053	4.052	0.001	3126199	1000.0	969.9	
		Average of Peak Amounts =				1034.9	
						RPD = 12.53	
$ 11 DCB Decachlorobiphenyl							
1	10.097	10.139	-0.042	6970505	100.0	89.3	
2	9.222	9.238	-0.016	11496482	100.0	91.3	
						RPD = 2.18	
S 12 Polychlorinated biphenyls, Total							
1						912.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

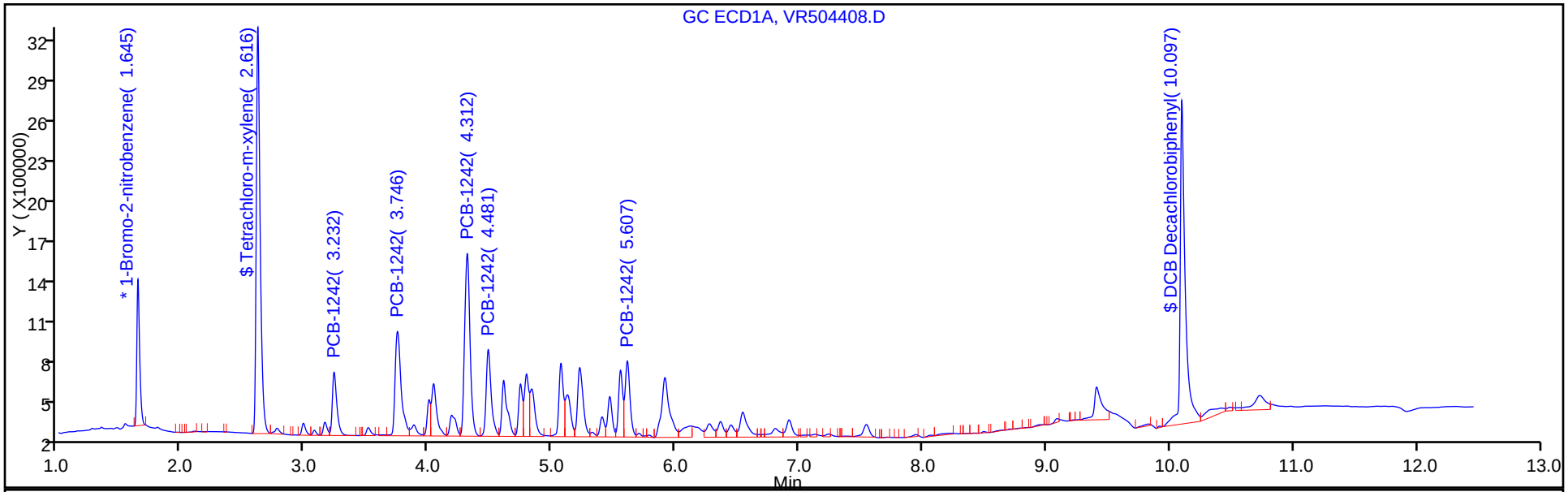
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

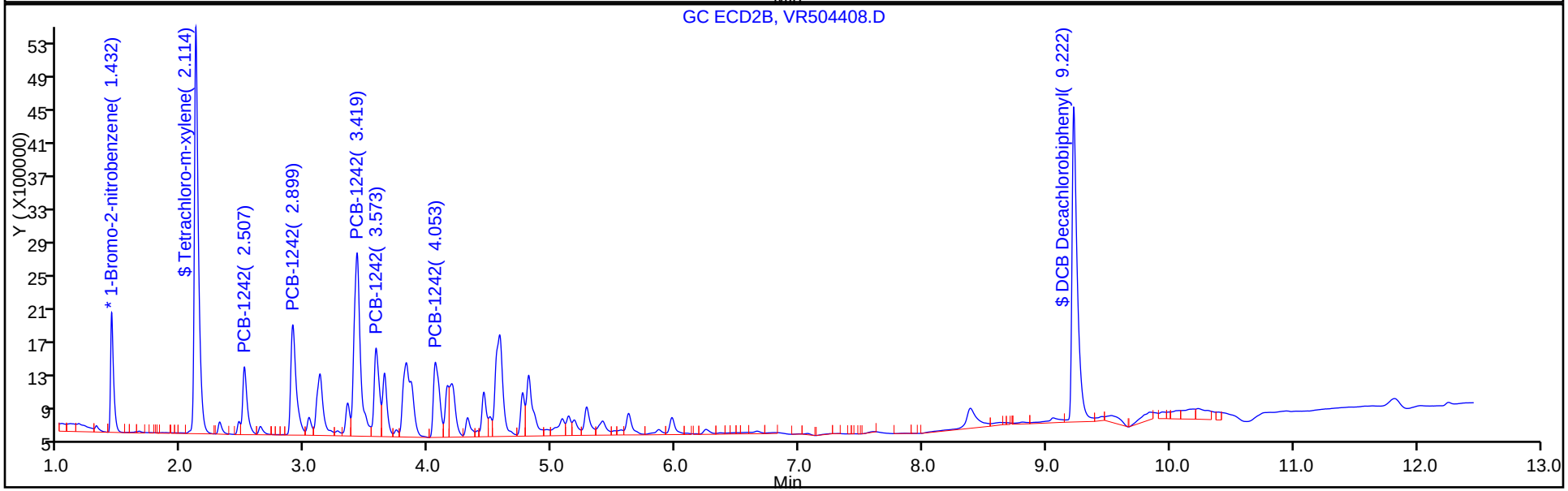
Report Date: 10-Nov-2015 16:19:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D

Injection Date:	10-Nov-2015 15:54:47	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504408.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0149	0.0139		932	1000	-6.8	20.0
PCB-1242 Peak 2	Ave	0.0317	0.0306		965	1000	-3.5	20.0
PCB-1242 Peak 3	Ave	0.0524	0.0478		912	1000	-8.8	20.0
PCB-1242 Peak 4	Ave	0.0237	0.0212		895	1000	-10.5	20.0
PCB-1242 Peak 5	Ave	0.0210	0.0180		859	1000	-14.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504408.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.23	3.17	3.31
PCB-1242 Peak 2	3.75	3.69	3.83
PCB-1242 Peak 3	4.31	4.25	4.39
PCB-1242 Peak 4	4.48	4.42	4.56
PCB-1242 Peak 5	5.61	5.54	5.68

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 15:54:47 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-020
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:19:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 16:13:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.645	1.648	-0.003	1754154	20.0	20.0	M
2	1.432	1.428	0.004	2458510	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.621	-0.005	6754446	100.0	83.2	
2	2.114	2.111	0.003	11378492	100.0	95.4	M
						RPD = 13.63	
4 PCB-1242							M
1	3.232	3.242	-0.010	1217675	1000.0	932.5	M
1	3.746	3.756	-0.010	2687687	1000.0	965.4	M
1	4.312	4.321	-0.009	4195351	1000.0	912.5	M
1	4.481	4.491	-0.010	1861542	1000.0	895.1	M
1	5.607	5.613	-0.006	1579209	1000.0	858.7	M
		Average of Peak Amounts =				912.8	
2	2.507	2.506	0.001	2134156	1000.0	1094.2	
2	2.899	2.897	0.002	4142129	1000.0	1057.1	
2	3.419	3.418	0.001	8010705	1000.0	1017.4	
2	3.573	3.572	0.001	3083617	1000.0	1035.7	
2	4.053	4.052	0.001	3126199	1000.0	969.9	
		Average of Peak Amounts =				1034.9	
						RPD = 12.53	
$ 11 DCB Decachlorobiphenyl							
1	10.097	10.139	-0.042	6970505	100.0	89.3	
2	9.222	9.238	-0.016	11496482	100.0	91.3	
						RPD = 2.18	
S 12 Polychlorinated biphenyls, Total							
1						912.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

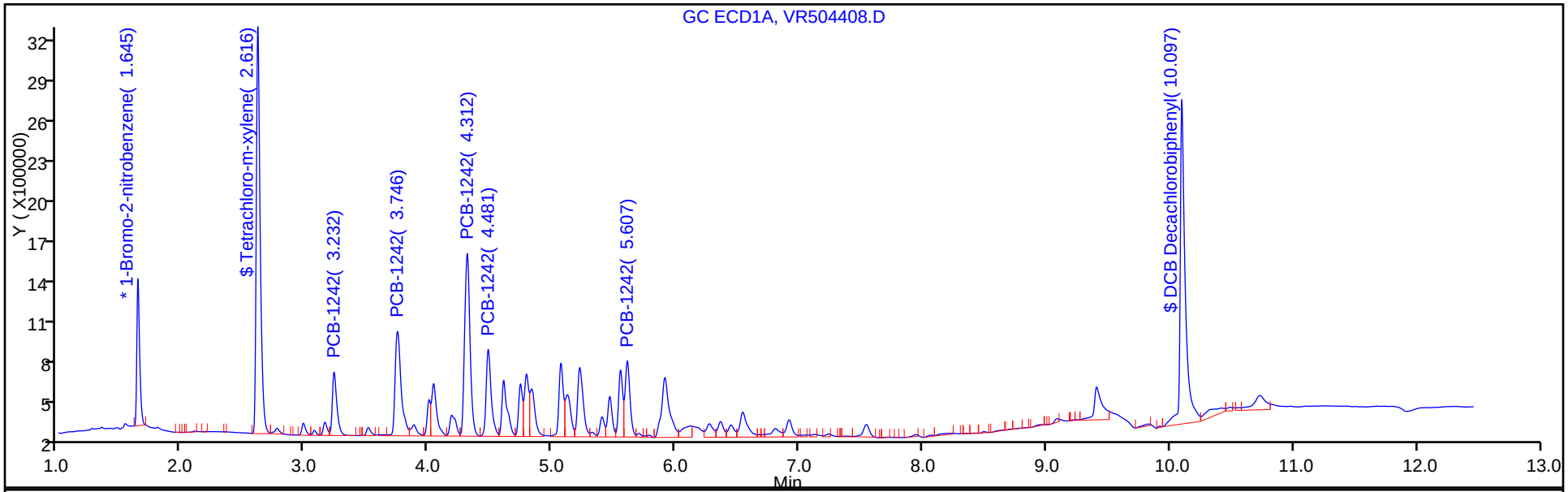
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

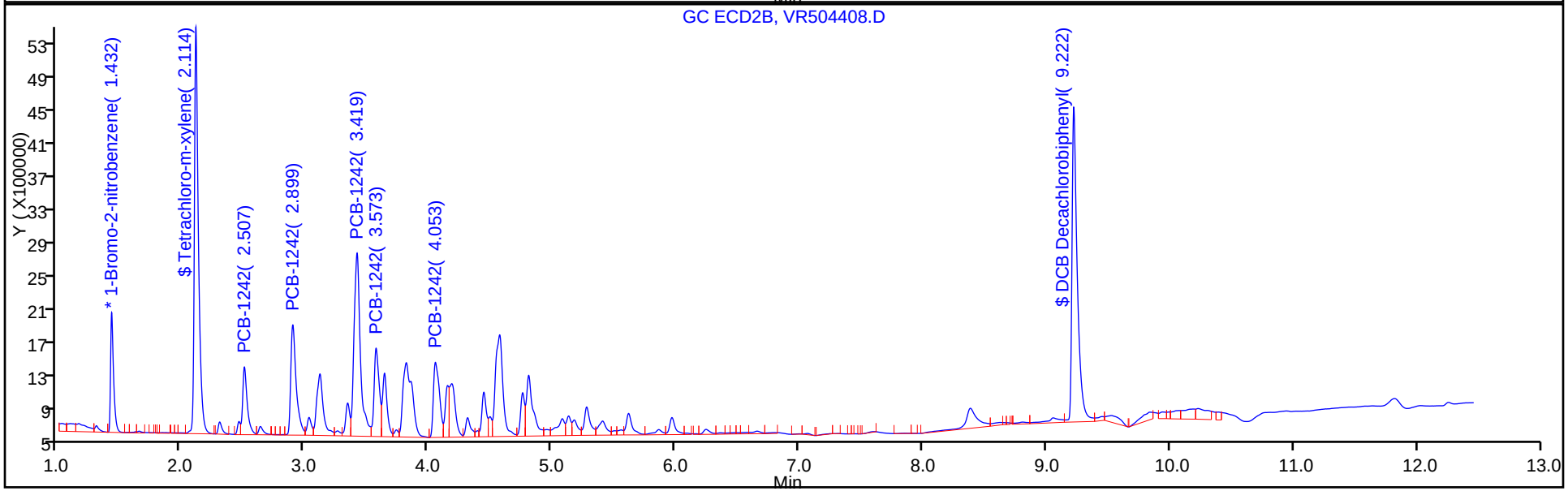
Report Date: 10-Nov-2015 16:19:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D

Injection Date:	10-Nov-2015 15:54:47	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504408.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9705	0.9256		95.4	100	-4.6	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9352		91.3	100	-8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504408.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.22	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 15:54:47 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-020
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:19:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 16:13:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.645	1.648	-0.003	1754154	20.0	20.0	M
2	1.432	1.428	0.004	2458510	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.621	-0.005	6754446	100.0	83.2	
2	2.114	2.111	0.003	11378492	100.0	95.4	M
						RPD = 13.63	
4 PCB-1242							M
1	3.232	3.242	-0.010	1217675	1000.0	932.5	M
1	3.746	3.756	-0.010	2687687	1000.0	965.4	M
1	4.312	4.321	-0.009	4195351	1000.0	912.5	M
1	4.481	4.491	-0.010	1861542	1000.0	895.1	M
1	5.607	5.613	-0.006	1579209	1000.0	858.7	M
		Average of Peak Amounts =				912.8	
2	2.507	2.506	0.001	2134156	1000.0	1094.2	
2	2.899	2.897	0.002	4142129	1000.0	1057.1	
2	3.419	3.418	0.001	8010705	1000.0	1017.4	
2	3.573	3.572	0.001	3083617	1000.0	1035.7	
2	4.053	4.052	0.001	3126199	1000.0	969.9	
		Average of Peak Amounts =				1034.9	
						RPD = 12.53	
$ 11 DCB Decachlorobiphenyl							
1	10.097	10.139	-0.042	6970505	100.0	89.3	
2	9.222	9.238	-0.016	11496482	100.0	91.3	
						RPD = 2.18	
S 12 Polychlorinated biphenyls, Total							
1						912.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

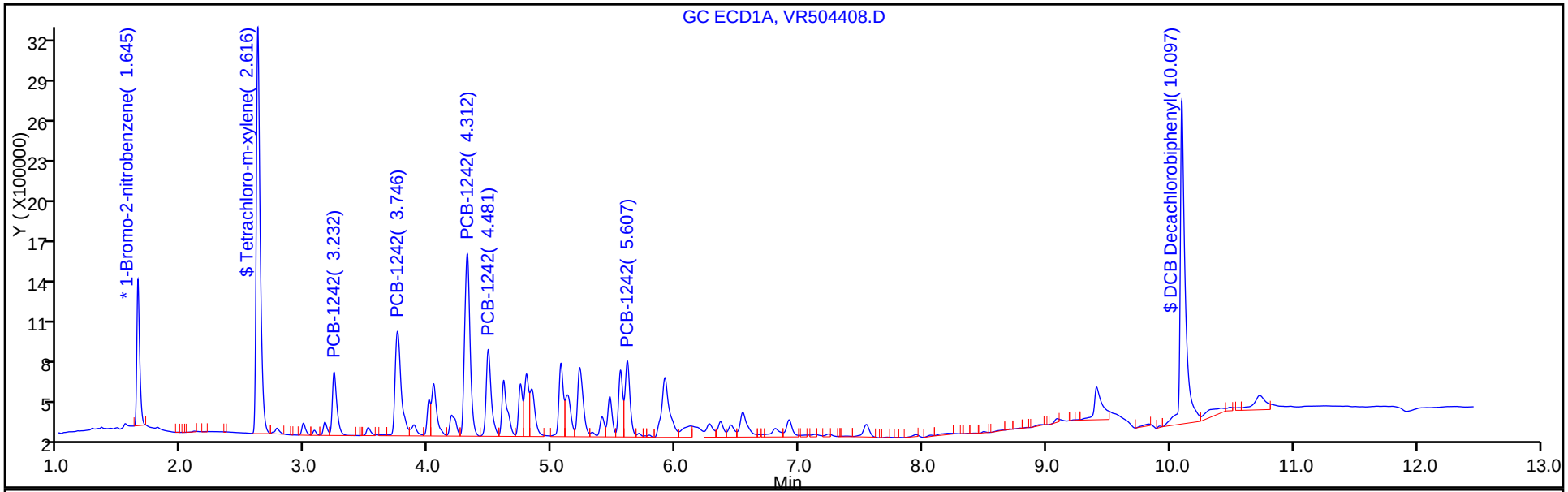
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

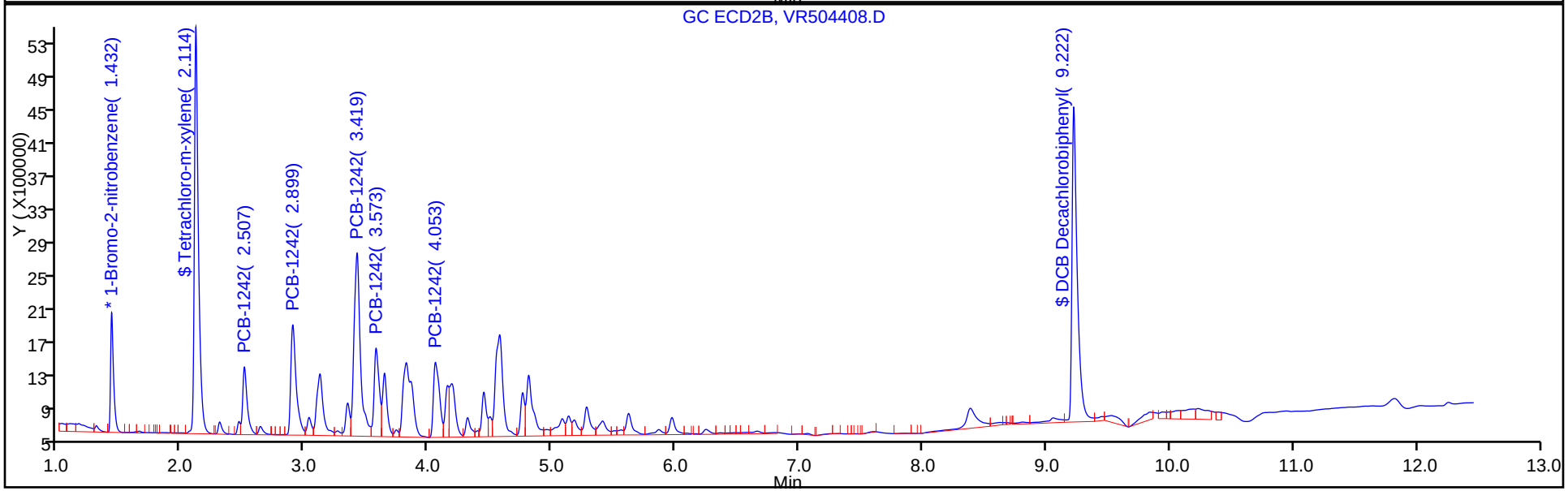
Report Date: 10-Nov-2015 16:19:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D

Injection Date:	10-Nov-2015 15:54:47	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504408.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0159	0.0174		1090	1000	9.4	20.0
PCB-1242 Peak 2	Ave	0.0319	0.0337		1060	1000	5.7	20.0
PCB-1242 Peak 3	Ave	0.0641	0.0652		1020	1000	1.7	20.0
PCB-1242 Peak 4	Ave	0.0242	0.0251		1040	1000	3.6	20.0
PCB-1242 Peak 5	Ave	0.0262	0.0254		970	1000	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/20 Calibration Date: 11/10/2015 15:54

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504408.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.51	2.44	2.58
PCB-1242 Peak 2	2.90	2.83	2.97
PCB-1242 Peak 3	3.42	3.35	3.49
PCB-1242 Peak 4	3.57	3.50	3.64
PCB-1242 Peak 5	4.05	3.98	4.12

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 15:54:47 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-020
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 16:19:37 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK048

First Level Reviewer: patelji Date: 10-Nov-2015 16:13:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.645	1.648	-0.003	1754154	20.0	20.0	M
2	1.432	1.428	0.004	2458510	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.621	-0.005	6754446	100.0	83.2	
2	2.114	2.111	0.003	11378492	100.0	95.4	M
						RPD = 13.63	
4 PCB-1242							M
1	3.232	3.242	-0.010	1217675	1000.0	932.5	M
1	3.746	3.756	-0.010	2687687	1000.0	965.4	M
1	4.312	4.321	-0.009	4195351	1000.0	912.5	M
1	4.481	4.491	-0.010	1861542	1000.0	895.1	M
1	5.607	5.613	-0.006	1579209	1000.0	858.7	M
		Average of Peak Amounts =				912.8	
2	2.507	2.506	0.001	2134156	1000.0	1094.2	
2	2.899	2.897	0.002	4142129	1000.0	1057.1	
2	3.419	3.418	0.001	8010705	1000.0	1017.4	
2	3.573	3.572	0.001	3083617	1000.0	1035.7	
2	4.053	4.052	0.001	3126199	1000.0	969.9	
		Average of Peak Amounts =				1034.9	
						RPD = 12.53	
$ 11 DCB Decachlorobiphenyl							
1	10.097	10.139	-0.042	6970505	100.0	89.3	
2	9.222	9.238	-0.016	11496482	100.0	91.3	
						RPD = 2.18	
S 12 Polychlorinated biphenyls, Total							
1						912.8	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

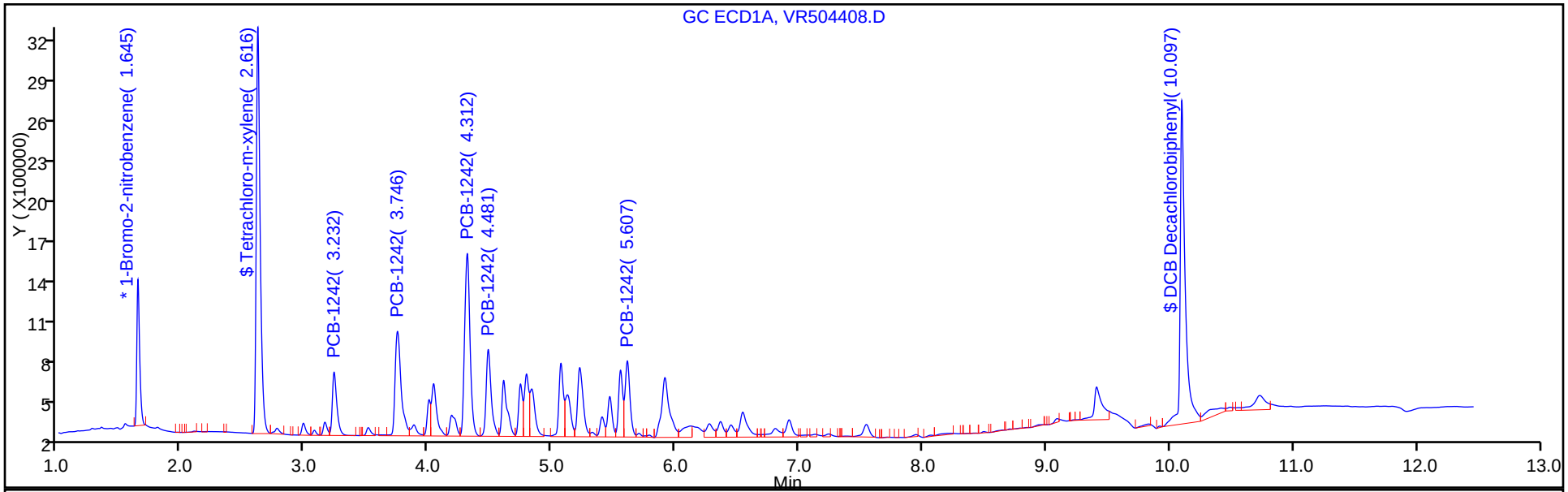
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

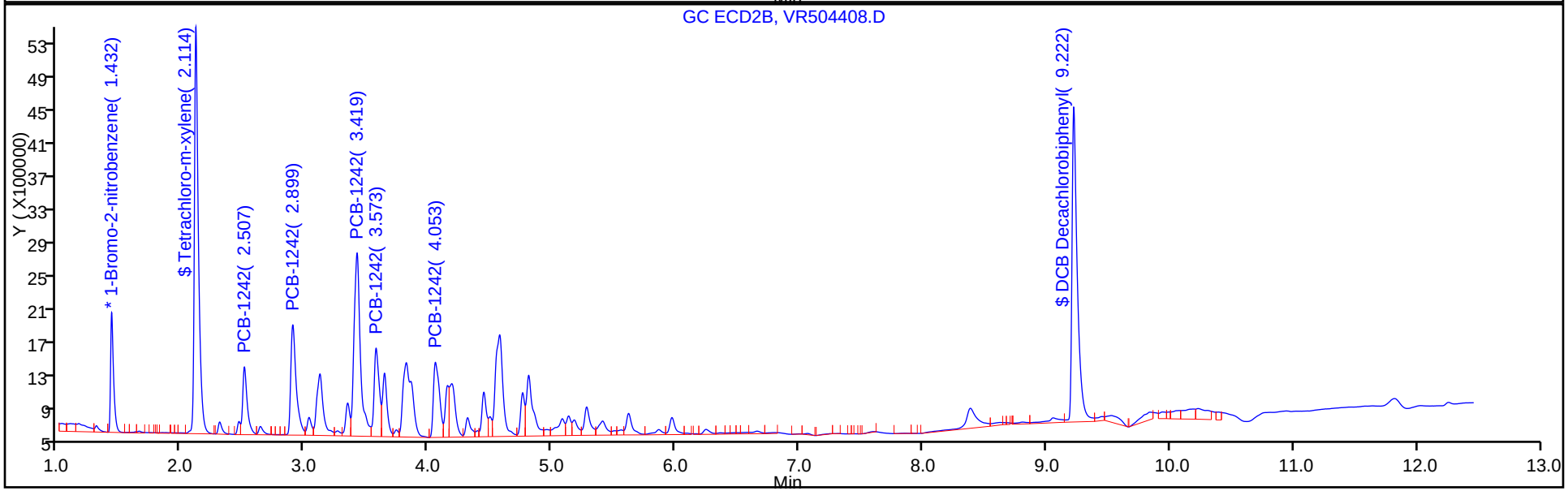
Report Date: 10-Nov-2015 16:19:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504408.D

Injection Date:	10-Nov-2015 15:54:47	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504410.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9255	1.001		108	100	8.1	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.9665		109	100	8.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504410.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.14	10.04	10.24

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 16:33:52 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-022
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 23:48:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK001

First Level Reviewer: patelji Date: 10-Nov-2015 16:54:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.649	1.648	0.001	1277450	20.0	20.0	M
2	1.430	1.428	0.002	2461142	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.622	2.621	0.001	6391328	100.0	108.1	
2	2.111	2.111	0.000	10858579	100.0	90.9	M
						RPD = 17.28	
6 PCB-1248							M
1	3.751	3.756	-0.005	1258293	1000.0	955.5	
1	4.316	4.321	-0.005	2663654	1000.0	994.5	M
1	4.750	4.752	-0.002	1595550	1000.0	1028.2	M
1	5.560	5.562	-0.002	2163918	1000.0	1034.2	M
1	5.614	5.613	0.001	2965422	1000.0	1024.1	M
		Average of Peak Amounts =				1007.3	
2	2.896	2.897	-0.001	2112704	1000.0	1106.3	
2	3.416	3.418	-0.002	4594331	1000.0	1118.4	
2	4.051	4.052	-0.001	4869727	1000.0	1193.9	
2	4.571	4.547	0.024	8511224	1000.0	1107.9	
2	4.809	4.813	-0.004	5160082	1000.0	1107.9	
		Average of Peak Amounts =				1126.9	
						RPD = 11.21	
$ 11 DCB Decachlorobiphenyl							
1	10.139	10.139	0.000	6173115	100.0	108.6	
2	9.237	9.238	-0.001	11332816	100.0	89.9	
						RPD = 18.87	
S 12 Polychlorinated biphenyls, Total							
1						1007.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

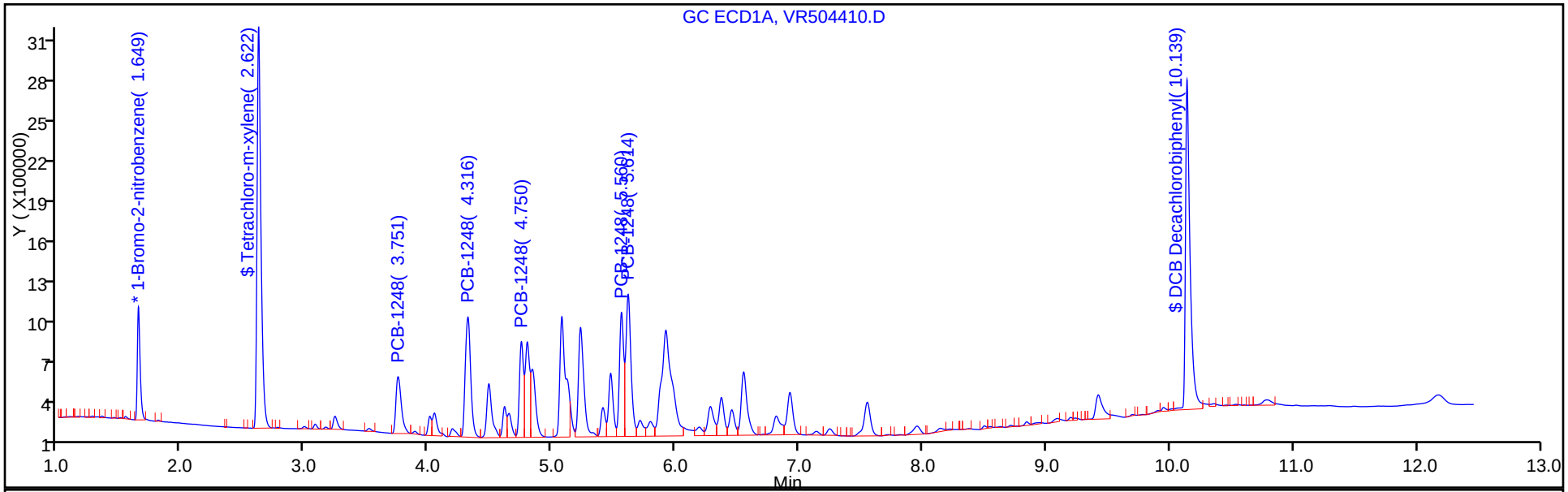
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

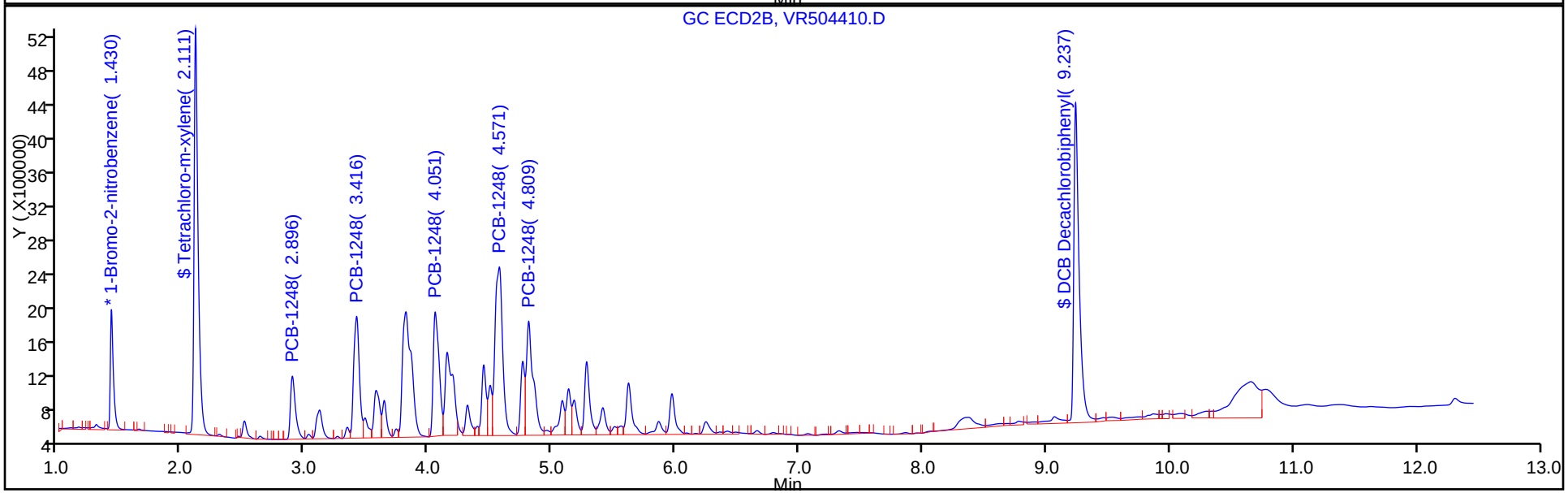
Report Date: 10-Nov-2015 23:49:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D

Injection Date:	10-Nov-2015 16:33:52	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1248			Worklist Smp#:	22
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:49

Lab File ID: VR504410.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0206	0.0197		956	1000	-4.4	20.0
PCB-1248 Peak 2	Ave	0.0419	0.0417		994	1000	-0.6	20.0
PCB-1248 Peak 3	Ave	0.0243	0.0250		1030	1000	2.8	20.0
PCB-1248 Peak 4	Ave	0.0328	0.0339		1030	1000	3.4	20.0
PCB-1248 Peak 5	Ave	0.0453	0.0464		1020	1000	2.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:49

Lab File ID: VR504410.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	3.75	3.69	3.83
PCB-1248 Peak 2	4.32	4.25	4.39
PCB-1248 Peak 3	4.75	4.68	4.82
PCB-1248 Peak 4	5.56	5.49	5.63
PCB-1248 Peak 5	5.61	5.54	5.68

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 16:33:52 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-022
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 23:48:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK001

First Level Reviewer: patelji Date: 10-Nov-2015 16:54:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.649	1.648	0.001	1277450	20.0	20.0	M
2	1.430	1.428	0.002	2461142	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.622	2.621	0.001	6391328	100.0	108.1	
2	2.111	2.111	0.000	10858579	100.0	90.9	M
						RPD = 17.28	
6 PCB-1248							M
1	3.751	3.756	-0.005	1258293	1000.0	955.5	
1	4.316	4.321	-0.005	2663654	1000.0	994.5	M
1	4.750	4.752	-0.002	1595550	1000.0	1028.2	M
1	5.560	5.562	-0.002	2163918	1000.0	1034.2	M
1	5.614	5.613	0.001	2965422	1000.0	1024.1	M
		Average of Peak Amounts =				1007.3	
2	2.896	2.897	-0.001	2112704	1000.0	1106.3	
2	3.416	3.418	-0.002	4594331	1000.0	1118.4	
2	4.051	4.052	-0.001	4869727	1000.0	1193.9	
2	4.571	4.547	0.024	8511224	1000.0	1107.9	
2	4.809	4.813	-0.004	5160082	1000.0	1107.9	
		Average of Peak Amounts =				1126.9	
						RPD = 11.21	
$ 11 DCB Decachlorobiphenyl							
1	10.139	10.139	0.000	6173115	100.0	108.6	
2	9.237	9.238	-0.001	11332816	100.0	89.9	
						RPD = 18.87	
S 12 Polychlorinated biphenyls, Total							
1						1007.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

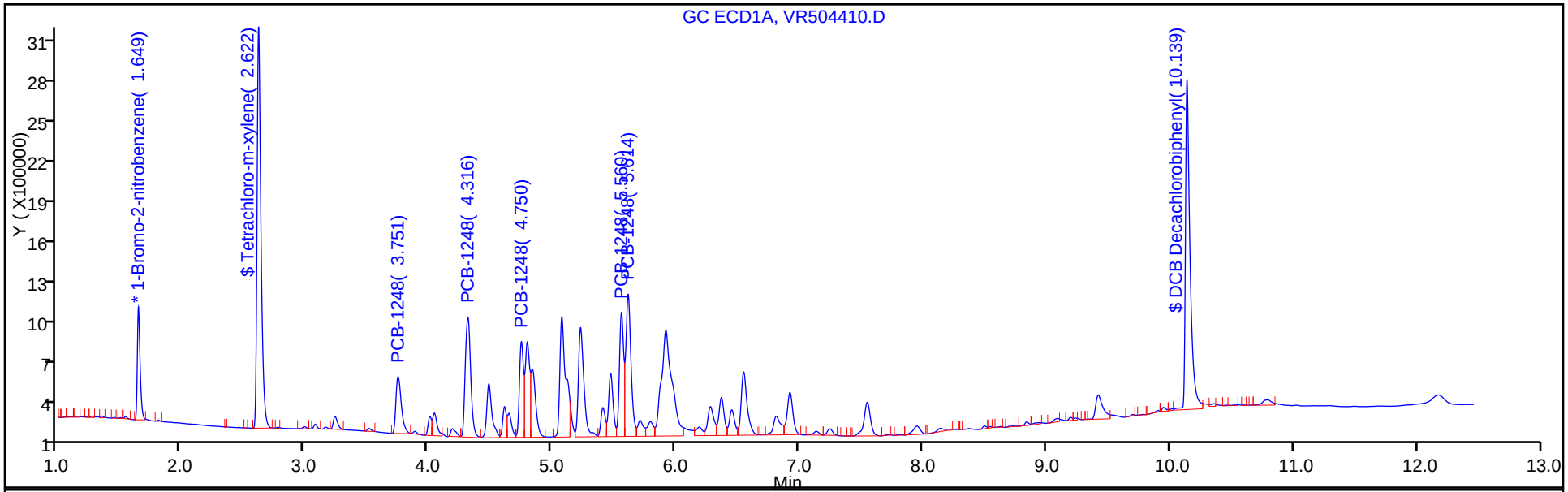
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

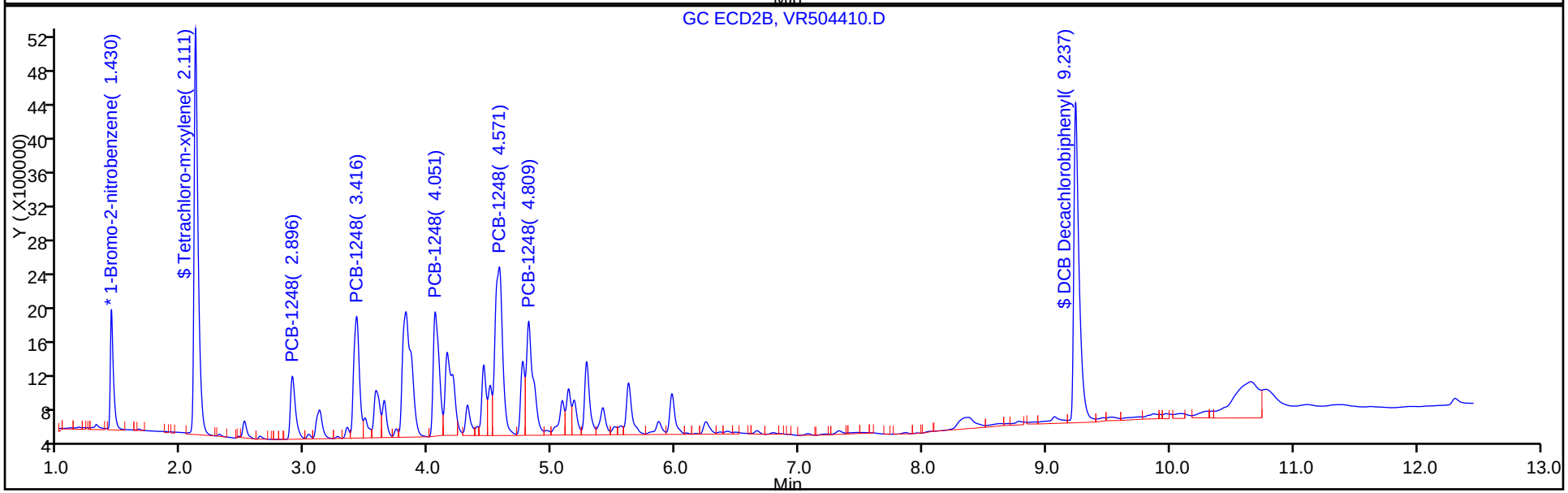
Report Date: 10-Nov-2015 23:49:02 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D

Injection Date:	10-Nov-2015 16:33:52	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1248			Worklist Smp#:	22
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504410.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9705	0.8824		90.9	100	-9.1	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9209		89.9	100	-10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504410.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.24	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 16:33:52 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-022
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 23:48:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK001

First Level Reviewer: patelji Date: 10-Nov-2015 16:54:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.649	1.648	0.001	1277450	20.0	20.0	M
2	1.430	1.428	0.002	2461142	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.622	2.621	0.001	6391328	100.0	108.1	
2	2.111	2.111	0.000	10858579	100.0	90.9	M
						RPD = 17.28	
6 PCB-1248							M
1	3.751	3.756	-0.005	1258293	1000.0	955.5	
1	4.316	4.321	-0.005	2663654	1000.0	994.5	M
1	4.750	4.752	-0.002	1595550	1000.0	1028.2	M
1	5.560	5.562	-0.002	2163918	1000.0	1034.2	M
1	5.614	5.613	0.001	2965422	1000.0	1024.1	M
		Average of Peak Amounts =				1007.3	
2	2.896	2.897	-0.001	2112704	1000.0	1106.3	
2	3.416	3.418	-0.002	4594331	1000.0	1118.4	
2	4.051	4.052	-0.001	4869727	1000.0	1193.9	
2	4.571	4.547	0.024	8511224	1000.0	1107.9	
2	4.809	4.813	-0.004	5160082	1000.0	1107.9	
		Average of Peak Amounts =				1126.9	
						RPD = 11.21	
$ 11 DCB Decachlorobiphenyl							
1	10.139	10.139	0.000	6173115	100.0	108.6	
2	9.237	9.238	-0.001	11332816	100.0	89.9	
						RPD = 18.87	
S 12 Polychlorinated biphenyls, Total							
1						1007.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

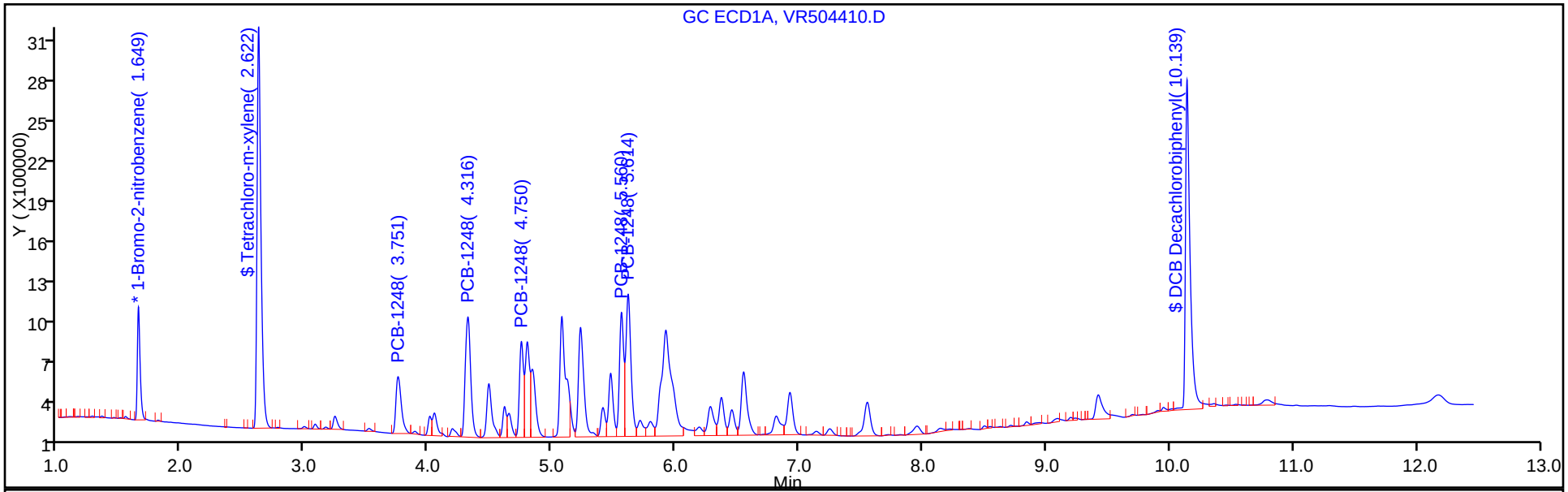
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

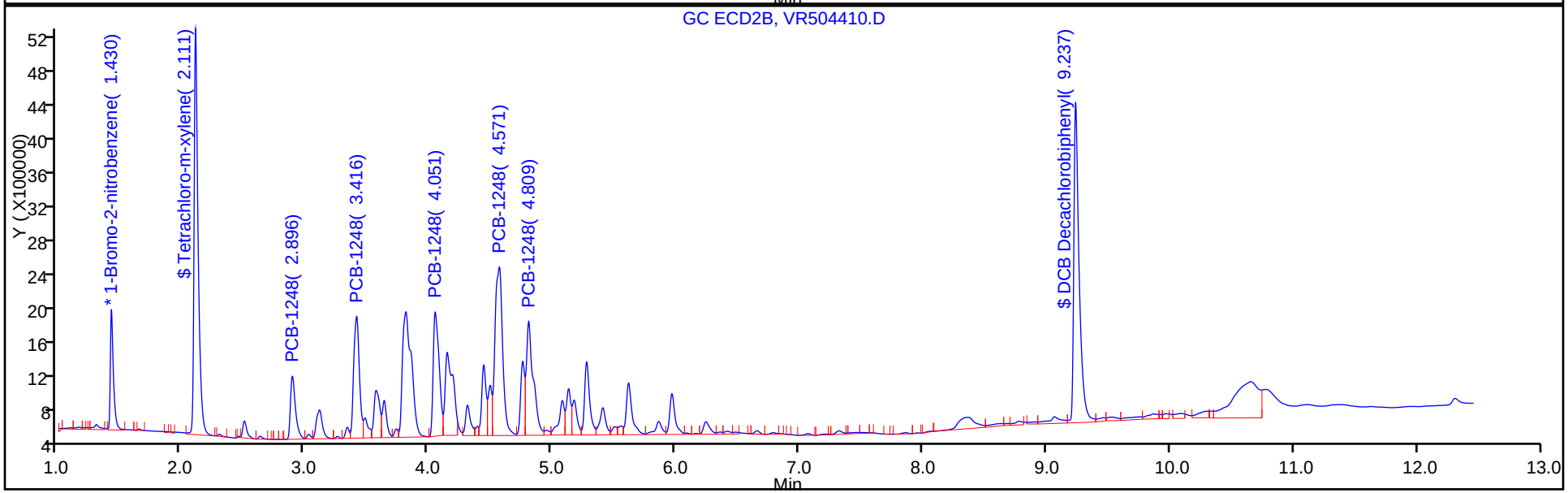
Report Date: 10-Nov-2015 23:49:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D

Injection Date:	10-Nov-2015 16:33:52	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1248			Worklist Smp#:	22
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:49

Lab File ID: VR504410.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	0.0155	0.0172		1110	1000	10.6	20.0
PCB-1248 Peak 2	Ave	0.0334	0.0373		1120	1000	11.8	20.0
PCB-1248 Peak 3	Ave	0.0331	0.0396		1190	1000	19.4	20.0
PCB-1248 Peak 4	Ave	0.0624	0.0692		1110	1000	10.8	20.0
PCB-1248 Peak 5	Ave	0.0378	0.0419		1110	1000	10.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334363/22 Calibration Date: 11/10/2015 16:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:49

Lab File ID: VR504410.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.90	2.83	2.97
PCB-1248 Peak 2	3.42	3.35	3.49
PCB-1248 Peak 3	4.05	3.98	4.12
PCB-1248 Peak 4	4.57	4.48	4.62
PCB-1248 Peak 5	4.81	4.74	4.88

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D
Lims ID: CCV AR1248
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 16:33:52 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034058-022
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub5

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 23:48:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK001

First Level Reviewer: patelji Date: 10-Nov-2015 16:54:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.649	1.648	0.001	1277450	20.0	20.0	M
2	1.430	1.428	0.002	2461142	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.622	2.621	0.001	6391328	100.0	108.1	
2	2.111	2.111	0.000	10858579	100.0	90.9	M
						RPD = 17.28	
6 PCB-1248							M
1	3.751	3.756	-0.005	1258293	1000.0	955.5	
1	4.316	4.321	-0.005	2663654	1000.0	994.5	M
1	4.750	4.752	-0.002	1595550	1000.0	1028.2	M
1	5.560	5.562	-0.002	2163918	1000.0	1034.2	M
1	5.614	5.613	0.001	2965422	1000.0	1024.1	M
		Average of Peak Amounts =				1007.3	
2	2.896	2.897	-0.001	2112704	1000.0	1106.3	
2	3.416	3.418	-0.002	4594331	1000.0	1118.4	
2	4.051	4.052	-0.001	4869727	1000.0	1193.9	
2	4.571	4.547	0.024	8511224	1000.0	1107.9	
2	4.809	4.813	-0.004	5160082	1000.0	1107.9	
		Average of Peak Amounts =				1126.9	
						RPD = 11.21	
$ 11 DCB Decachlorobiphenyl							
1	10.139	10.139	0.000	6173115	100.0	108.6	
2	9.237	9.238	-0.001	11332816	100.0	89.9	
						RPD = 18.87	
S 12 Polychlorinated biphenyls, Total							
1						1007.3	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

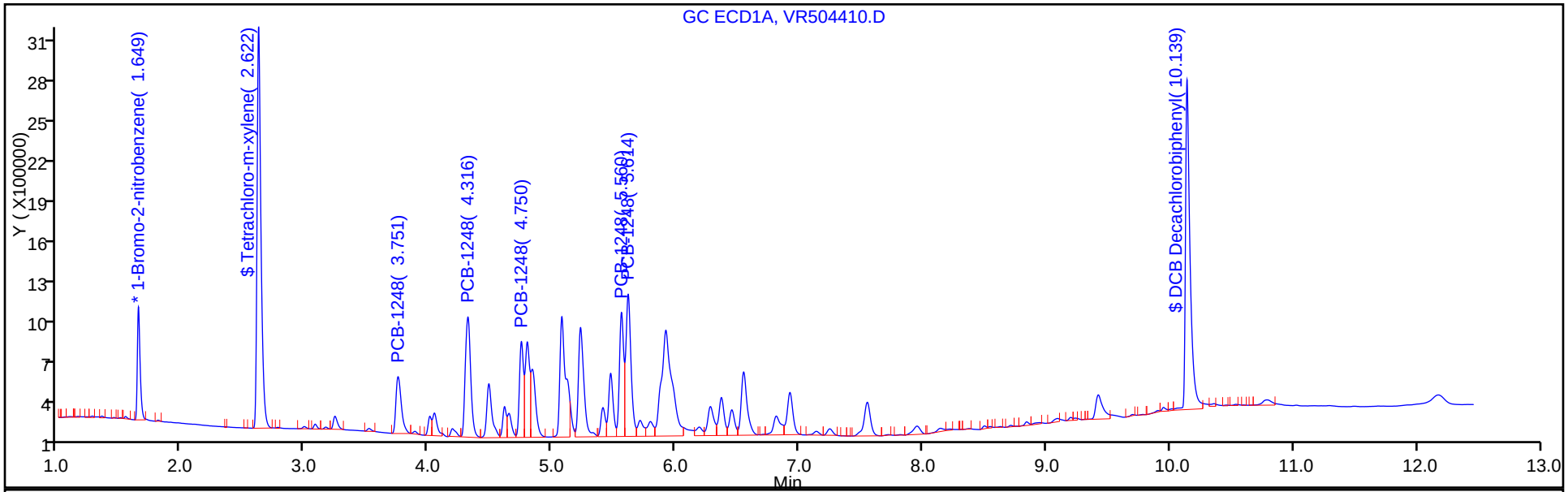
SG1248L3_00023	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

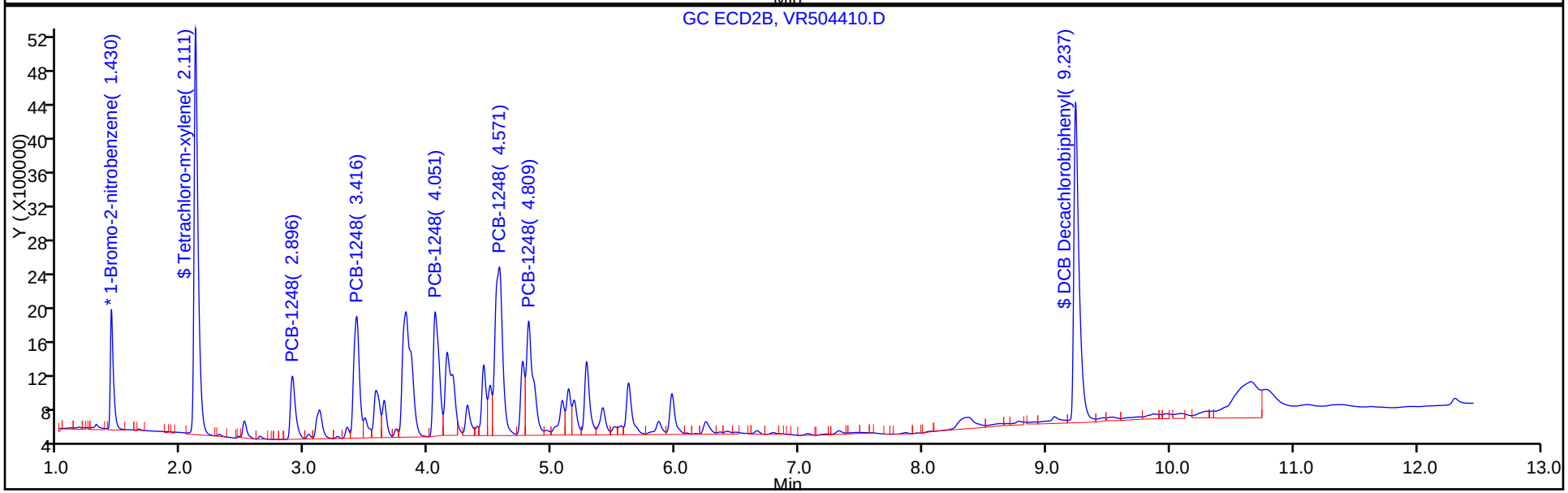
Report Date: 10-Nov-2015 23:49:03 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34058.b\VR504410.D

Injection Date:	10-Nov-2015 16:33:52	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1248			Worklist Smp#:	22
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334464/1 Calibration Date: 11/10/2015 17:16

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0244	0.0218		894	1000	-10.6	20.0
PCB-1016 Peak 2	Ave	0.0515	0.0480		932	1000	-6.8	20.0
PCB-1016 Peak 3	Ave	0.0886	0.0829		936	1000	-6.4	20.0
PCB-1016 Peak 4	Ave	0.0281	0.0254		905	1000	-9.5	20.0
PCB-1016 Peak 5	Ave	0.0323	0.0303		939	1000	-6.1	20.0
PCB-1260 Peak 1	Ave	0.0626	0.0594		950	1000	-5.0	20.0
PCB-1260 Peak 2	Ave	0.0719	0.0689		958	1000	-4.2	20.0
PCB-1260 Peak 3	Ave	0.0443	0.0438		989	1000	-1.1	20.0
PCB-1260 Peak 4	Ave	0.0909	0.0914		1010	1000	0.5	20.0
PCB-1260 Peak 5	Ave	0.0240	0.0230		957	1000	-4.3	20.0
Tetrachloro-m-xylene	Ave	0.9255	0.9798		106	100	5.9	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.9144		103	100	2.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334464/1 Calibration Date: 11/10/2015 17:16

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504411.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.24	3.17	3.31
PCB-1016 Peak 2	3.75	3.68	3.82
PCB-1016 Peak 3	4.31	4.24	4.38
PCB-1016 Peak 4	5.07	5.00	5.14
PCB-1016 Peak 5	5.22	5.15	5.29
PCB-1260 Peak 1	6.86	6.79	6.93
PCB-1260 Peak 2	7.24	7.17	7.31
PCB-1260 Peak 3	8.54	8.47	8.61
PCB-1260 Peak 4	8.84	8.77	8.91
PCB-1260 Peak 5	9.69	9.62	9.76
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.13	10.03	10.23

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504411.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 17:16:09 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 10-Nov-2015 17:32:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.646	1.646	0.000	1692944	20.0	20.0	M
2	1.429	1.429	0.000	3203681	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	8293860	100.0	105.9	
2	2.110	2.110	0.000	13549326	100.0	87.2	M
						RPD = 19.39	
5 PCB-1016							
1	3.235	3.235	0.000	1847818	1000.0	894.0	
1	3.748	3.748	0.000	4064343	1000.0	932.0	M
1	4.313	4.313	0.000	7017682	1000.0	936.0	M
1	5.071	5.071	0.000	2152346	1000.0	905.0	M
1	5.223	5.223	0.000	2566405	1000.0	939.3	M
		Average of Peak Amounts =				921.3	
2	2.503	2.503	0.000	3344293	1000.0	802.7	M
2	0.000	2.895	-2.895	0	1000.0	0	
2	3.416	3.416	0.000	12287124	1000.0	807.4	
2	3.570	3.570	0.000	4672443	1000.0	821.1	
2	4.051	4.051	0.000	5239655	1000.0	853.4	
		Average of Peak Amounts =				821.1	
						RPD = 11.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.864	6.864	0.000	5031530	1000.0	949.6	
1	7.241	7.241	0.000	5832920	1000.0	958.4	
1	8.543	8.543	0.000	3703693	1000.0	988.7	M
1	8.840	8.840	0.000	7740053	1000.0	1005.4	M
1	9.692	9.692	0.000	1946704	1000.0	956.7	
		Average of Peak Amounts =				971.8	
2	5.501	5.501	0.000	8341759	1000.0	840.4	
2	6.787	6.787	0.000	6695954	1000.0	831.2	M
2	7.321	7.321	0.000	16800790	1000.0	897.6	M
2	7.861	7.861	0.000	8451403	1000.0	927.1	
2	8.776	8.776	0.000	3940160	1000.0	834.8	M
		Average of Peak Amounts =				866.2	
						RPD = 11.49	
$ 11 DCB Decachlorobiphenyl							M
1	10.133	10.133	0.000	7740508	100.0	102.8	
2	9.236	9.236	0.000	14473879	100.0	88.2	M
						RPD = 15.26	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

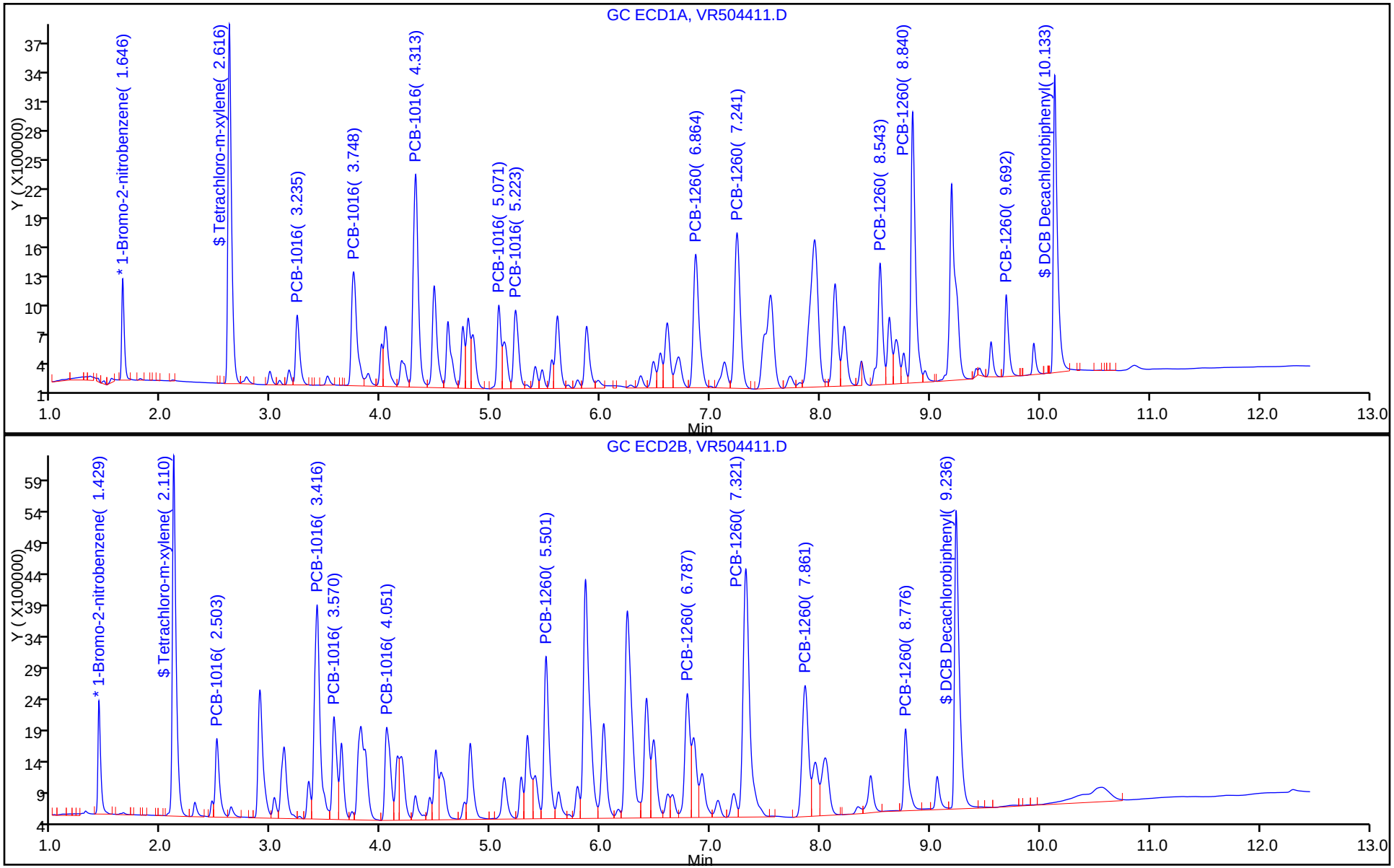
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:14:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504411.D

Injection Date:	10-Nov-2015 17:16:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334464/1 Calibration Date: 11/10/2015 17:16

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504411.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 2	Ave	0.0510	0.0402		0.0980	1000	-21.1*	20.0
PCB-1016 Peak 1	Ave	0.0260	0.0209		803	1000	-19.7	20.0
PCB-1016 Peak 3	Ave	0.0950	0.0767		807	1000	-19.3	20.0
PCB-1016 Peak 4	Ave	0.0355	0.0292		821	1000	-17.9	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0327		853	1000	-14.7	20.0
PCB-1260 Peak 1	Ave	0.0620	0.0521		840	1000	-16.0	20.0
PCB-1260 Peak 2	Ave	0.0503	0.0418		831	1000	-16.9	20.0
PCB-1260 Peak 3	Ave	0.1168	0.1049		898	1000	-10.2	20.0
PCB-1260 Peak 4	Ave	0.0569	0.0528		927	1000	-7.3	20.0
PCB-1260 Peak 5	Ave	0.0295	0.0246		835	1000	-16.5	20.0
Tetrachloro-m-xylene	Ave	0.9705	0.8459		87.2	100	-12.8	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9036		88.2	100	-11.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334464/1 Calibration Date: 11/10/2015 17:16

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504411.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 2	0.00	2.83	2.97
PCB-1016 Peak 1	2.50	2.43	2.57
PCB-1016 Peak 3	3.42	3.35	3.49
PCB-1016 Peak 4	3.57	3.50	3.64
PCB-1016 Peak 5	4.05	3.98	4.12
PCB-1260 Peak 1	5.50	5.43	5.57
PCB-1260 Peak 2	6.79	6.72	6.86
PCB-1260 Peak 3	7.32	7.25	7.39
PCB-1260 Peak 4	7.86	7.79	7.93
PCB-1260 Peak 5	8.78	8.71	8.85
Tetrachloro-m-xylene	2.11	2.06	2.16
DCB Decachlorobiphenyl	9.24	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504411.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Nov-2015 17:16:09 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 10-Nov-2015 17:32:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.646	1.646	0.000	1692944	20.0	20.0	M
2	1.429	1.429	0.000	3203681	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	8293860	100.0	105.9	
2	2.110	2.110	0.000	13549326	100.0	87.2	M
						RPD = 19.39	
5 PCB-1016							
1	3.235	3.235	0.000	1847818	1000.0	894.0	
1	3.748	3.748	0.000	4064343	1000.0	932.0	M
1	4.313	4.313	0.000	7017682	1000.0	936.0	M
1	5.071	5.071	0.000	2152346	1000.0	905.0	M
1	5.223	5.223	0.000	2566405	1000.0	939.3	M
		Average of Peak Amounts =				921.3	
2	2.503	2.503	0.000	3344293	1000.0	802.7	M
2	0.000	2.895	-2.895	0	1000.0	0	
2	3.416	3.416	0.000	12287124	1000.0	807.4	
2	3.570	3.570	0.000	4672443	1000.0	821.1	
2	4.051	4.051	0.000	5239655	1000.0	853.4	
		Average of Peak Amounts =				821.1	
						RPD = 11.49	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.864	6.864	0.000	5031530	1000.0	949.6	
1	7.241	7.241	0.000	5832920	1000.0	958.4	
1	8.543	8.543	0.000	3703693	1000.0	988.7	M
1	8.840	8.840	0.000	7740053	1000.0	1005.4	M
1	9.692	9.692	0.000	1946704	1000.0	956.7	
		Average of Peak Amounts =				971.8	
2	5.501	5.501	0.000	8341759	1000.0	840.4	
2	6.787	6.787	0.000	6695954	1000.0	831.2	M
2	7.321	7.321	0.000	16800790	1000.0	897.6	M
2	7.861	7.861	0.000	8451403	1000.0	927.1	
2	8.776	8.776	0.000	3940160	1000.0	834.8	M
		Average of Peak Amounts =				866.2	
						RPD = 11.49	
$ 11 DCB Decachlorobiphenyl							M
1	10.133	10.133	0.000	7740508	100.0	102.8	
2	9.236	9.236	0.000	14473879	100.0	88.2	M
						RPD = 15.26	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

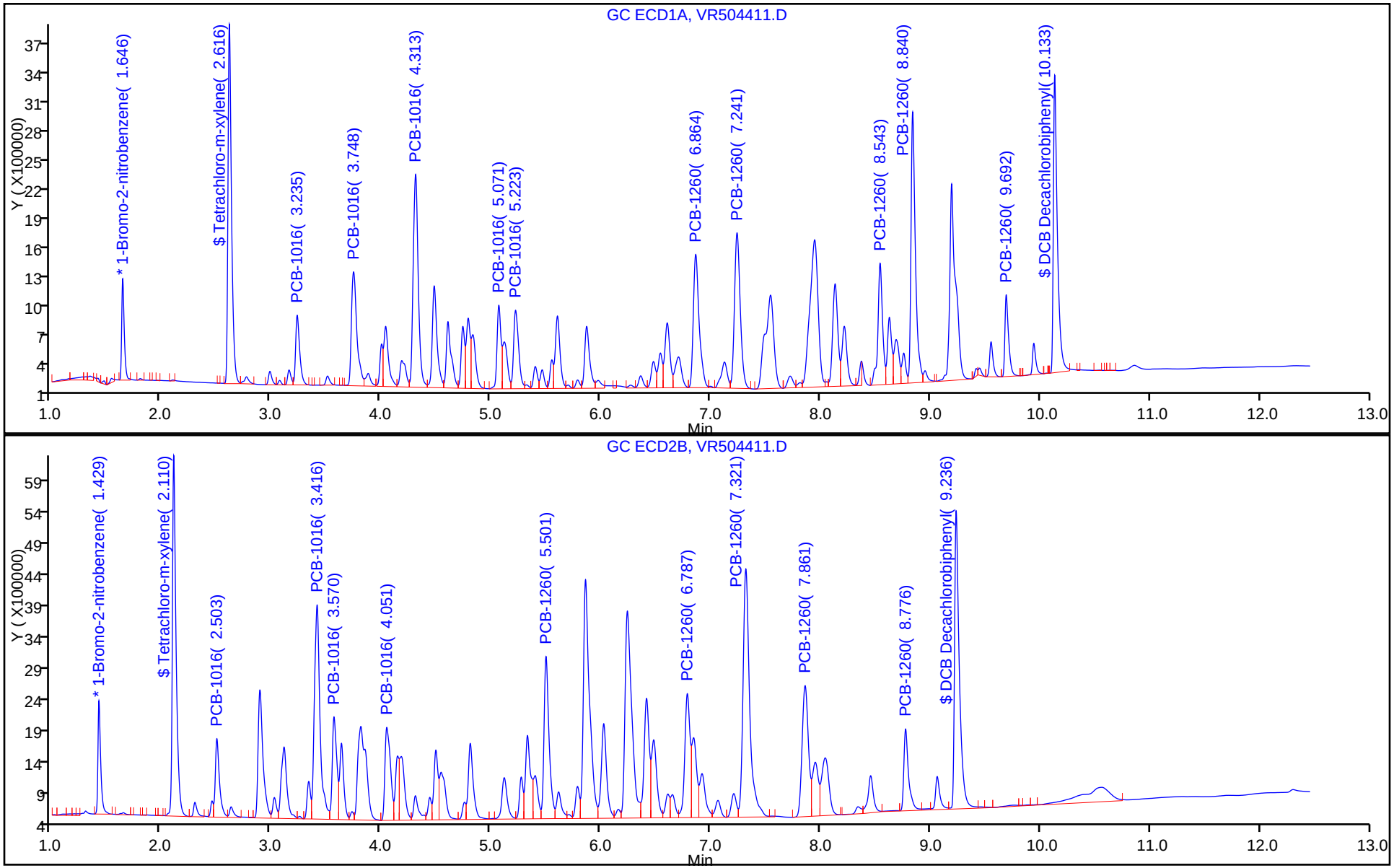
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 13:14:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504411.D

Injection Date:	10-Nov-2015 17:16:09	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504438.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9255	0.7334		79.2	100	-20.8*	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.7032		79.0	100	-21.0*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504438.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.62	2.57	2.67
DCB Decachlorobiphenyl	10.08	10.03	10.23

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:24:46 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-028
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:15:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 02:11:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.646	0.001	1955629	20.0	20.0	M
2	1.434	1.429	0.005	2588419	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	7170907	100.0	79.2	
2	2.115	2.110	0.005	11285982	100.0	89.9	M
						RPD = 12.56	
4 PCB-1242							
1	3.234	3.242	-0.008	1337586	1000.0	918.8	
1	3.747	3.756	-0.009	2928064	1000.0	943.3	
1	4.312	4.321	-0.009	4848594	1000.0	945.9	
1	4.481	4.491	-0.010	2161899	1000.0	932.5	
1	5.608	5.613	-0.005	1923228	1000.0	938.0	
		Average of Peak Amounts =				935.7	
2	2.508	2.506	0.002	2324968	1000.0	1132.2	
2	2.899	2.897	0.002	4685038	1000.0	1135.6	
2	3.420	3.418	0.002	8690810	1000.0	1048.3	
2	3.574	3.572	0.002	3315717	1000.0	1057.7	
2	4.054	4.052	0.002	3625478	1000.0	1068.4	
		Average of Peak Amounts =				1088.5	
						RPD = 15.09	
$ 11 DCB Decachlorobiphenyl							
1	10.083	10.133	-0.050	6876258	100.0	79.0	
2	9.217	9.236	-0.019	13760392	100.0	103.8	
						RPD = 27.07	
S 12 Polychlorinated biphenyls, Total							
1						935.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

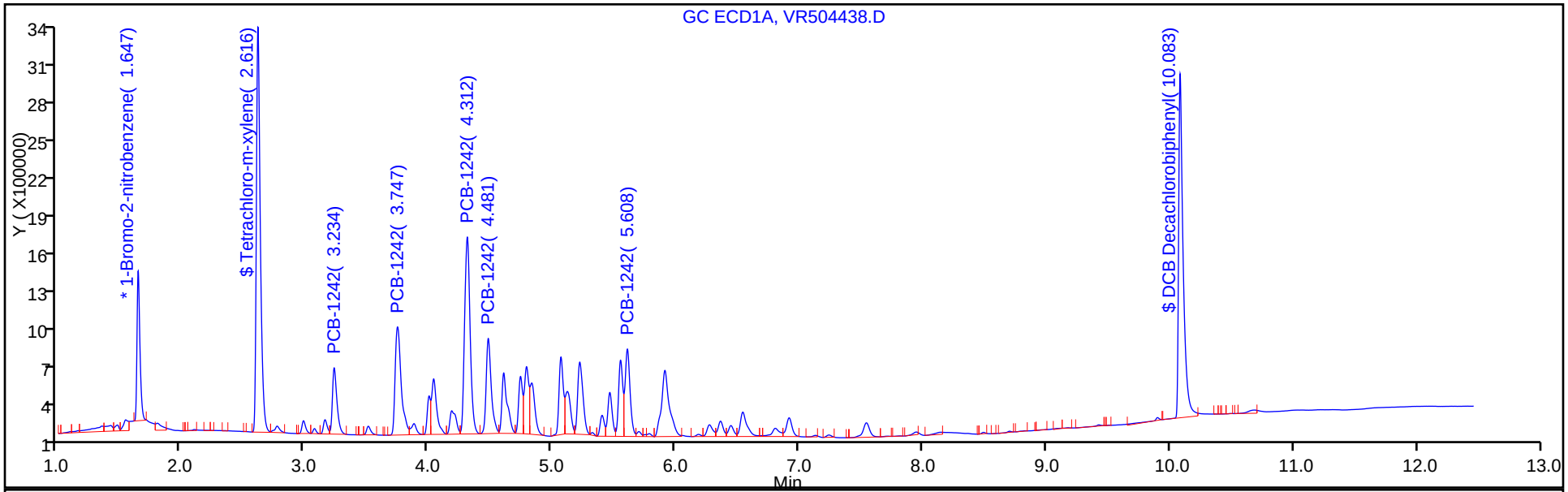
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

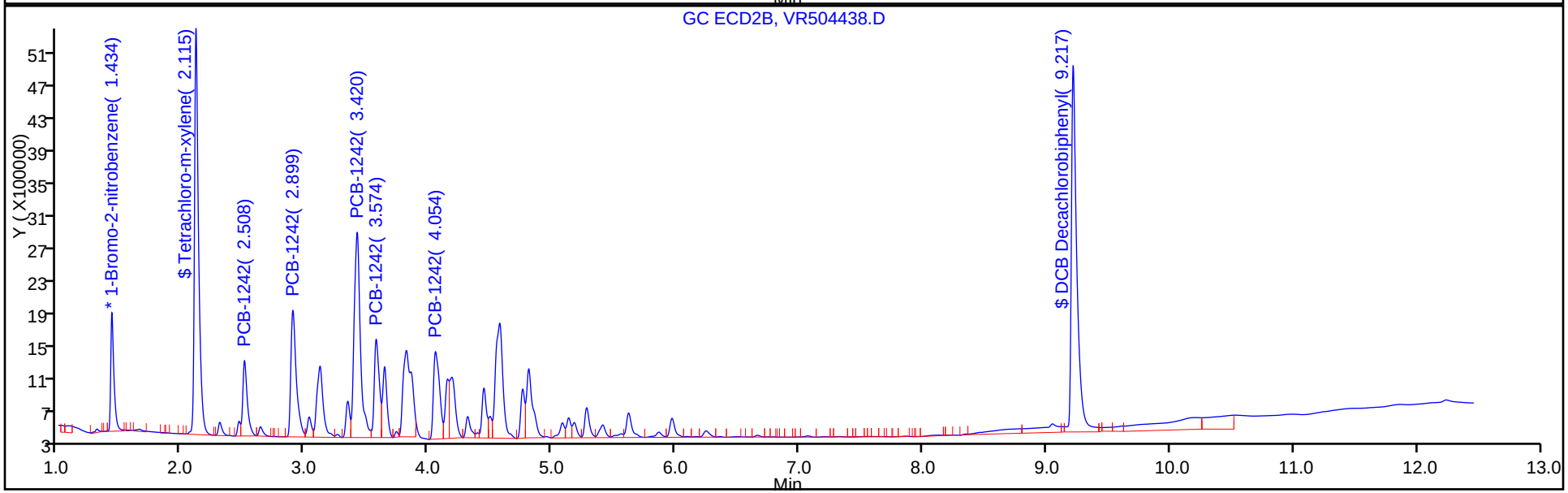
Report Date: 11-Nov-2015 13:15:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D

Injection Date:	11-Nov-2015 00:24:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504438.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0149	0.0137		919	1000	-8.1	20.0
PCB-1242 Peak 2	Ave	0.0317	0.0299		943	1000	-5.7	20.0
PCB-1242 Peak 3	Ave	0.0524	0.0496		946	1000	-5.4	20.0
PCB-1242 Peak 4	Ave	0.0237	0.0221		932	1000	-6.8	20.0
PCB-1242 Peak 5	Ave	0.0210	0.0197		938	1000	-6.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504438.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.23	3.17	3.31
PCB-1242 Peak 2	3.75	3.69	3.83
PCB-1242 Peak 3	4.31	4.25	4.39
PCB-1242 Peak 4	4.48	4.42	4.56
PCB-1242 Peak 5	5.61	5.54	5.68

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:24:46 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-028
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:15:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 02:11:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.646	0.001	1955629	20.0	20.0	M
2	1.434	1.429	0.005	2588419	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	7170907	100.0	79.2	
2	2.115	2.110	0.005	11285982	100.0	89.9	M
						RPD = 12.56	
4 PCB-1242							
1	3.234	3.242	-0.008	1337586	1000.0	918.8	
1	3.747	3.756	-0.009	2928064	1000.0	943.3	
1	4.312	4.321	-0.009	4848594	1000.0	945.9	
1	4.481	4.491	-0.010	2161899	1000.0	932.5	
1	5.608	5.613	-0.005	1923228	1000.0	938.0	
		Average of Peak Amounts =				935.7	
2	2.508	2.506	0.002	2324968	1000.0	1132.2	
2	2.899	2.897	0.002	4685038	1000.0	1135.6	
2	3.420	3.418	0.002	8690810	1000.0	1048.3	
2	3.574	3.572	0.002	3315717	1000.0	1057.7	
2	4.054	4.052	0.002	3625478	1000.0	1068.4	
		Average of Peak Amounts =				1088.5	
						RPD = 15.09	
$ 11 DCB Decachlorobiphenyl							
1	10.083	10.133	-0.050	6876258	100.0	79.0	
2	9.217	9.236	-0.019	13760392	100.0	103.8	
						RPD = 27.07	
S 12 Polychlorinated biphenyls, Total							
1						935.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

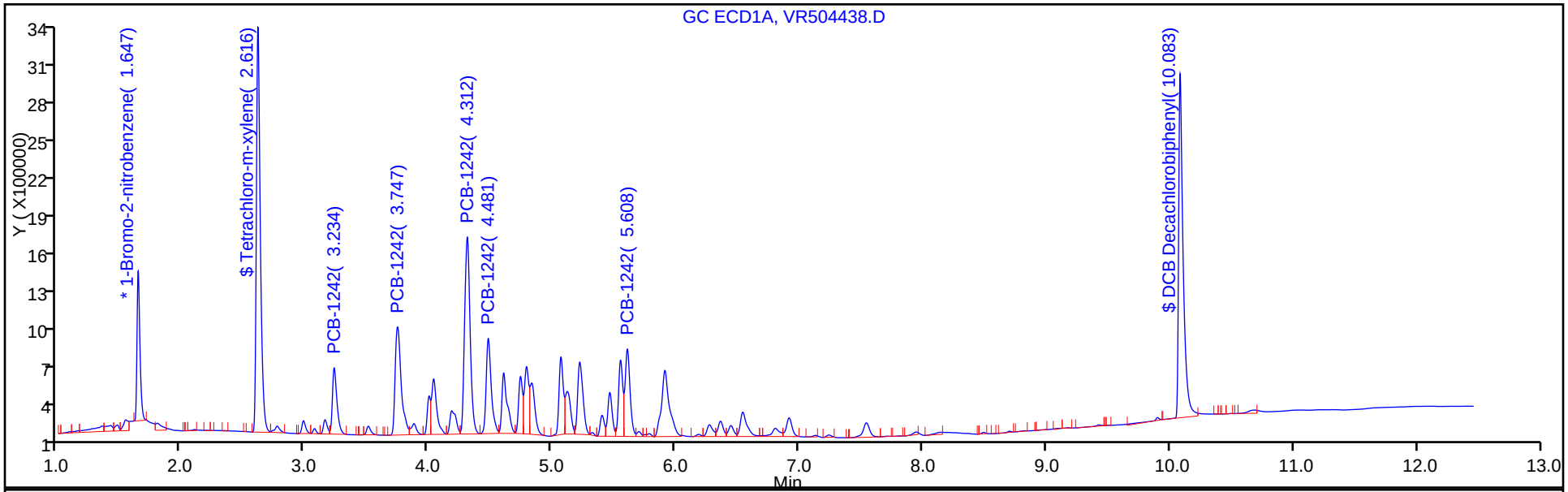
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

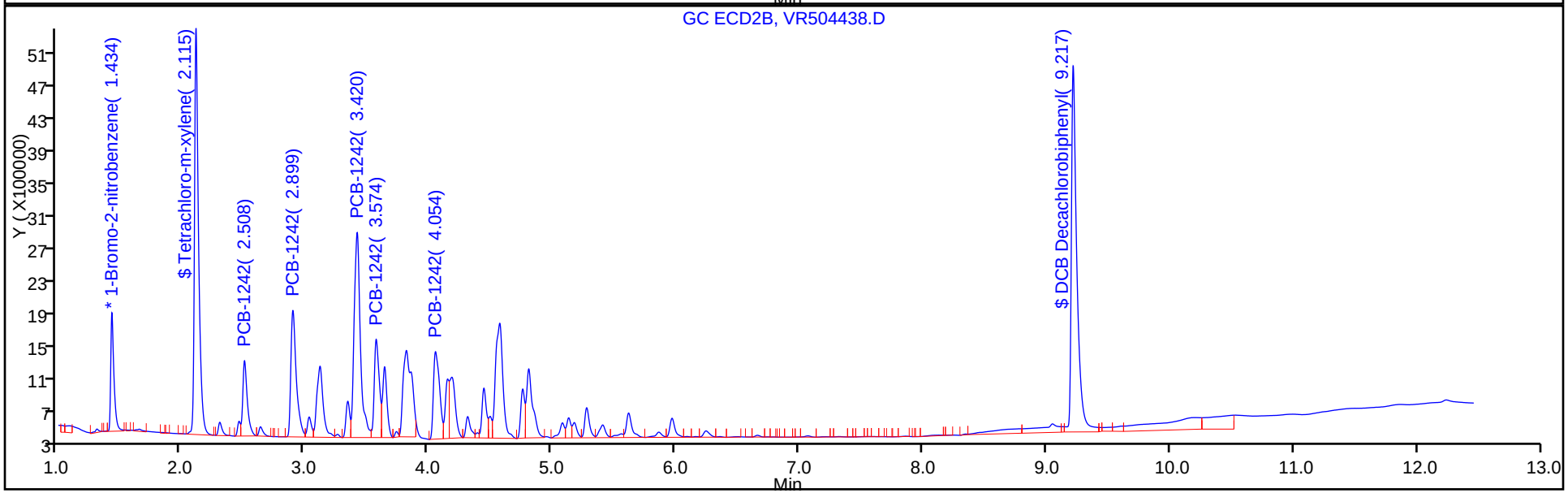
Report Date: 11-Nov-2015 13:15:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D

Injection Date:	11-Nov-2015 00:24:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504438.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9705	0.8720		89.9	100	-10.1	20.0
DCB Decachlorobiphenyl	Ave	1.024	1.063		104	100	3.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504438.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.12	2.06	2.16
DCB Decachlorobiphenyl	9.22	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:24:46 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-028
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:15:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 02:11:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.646	0.001	1955629	20.0	20.0	M
2	1.434	1.429	0.005	2588419	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	7170907	100.0	79.2	
2	2.115	2.110	0.005	11285982	100.0	89.9	M
						RPD = 12.56	
4 PCB-1242							
1	3.234	3.242	-0.008	1337586	1000.0	918.8	
1	3.747	3.756	-0.009	2928064	1000.0	943.3	
1	4.312	4.321	-0.009	4848594	1000.0	945.9	
1	4.481	4.491	-0.010	2161899	1000.0	932.5	
1	5.608	5.613	-0.005	1923228	1000.0	938.0	
		Average of Peak Amounts =				935.7	
2	2.508	2.506	0.002	2324968	1000.0	1132.2	
2	2.899	2.897	0.002	4685038	1000.0	1135.6	
2	3.420	3.418	0.002	8690810	1000.0	1048.3	
2	3.574	3.572	0.002	3315717	1000.0	1057.7	
2	4.054	4.052	0.002	3625478	1000.0	1068.4	
		Average of Peak Amounts =				1088.5	
						RPD = 15.09	
$ 11 DCB Decachlorobiphenyl							
1	10.083	10.133	-0.050	6876258	100.0	79.0	
2	9.217	9.236	-0.019	13760392	100.0	103.8	
						RPD = 27.07	
S 12 Polychlorinated biphenyls, Total							
1						935.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

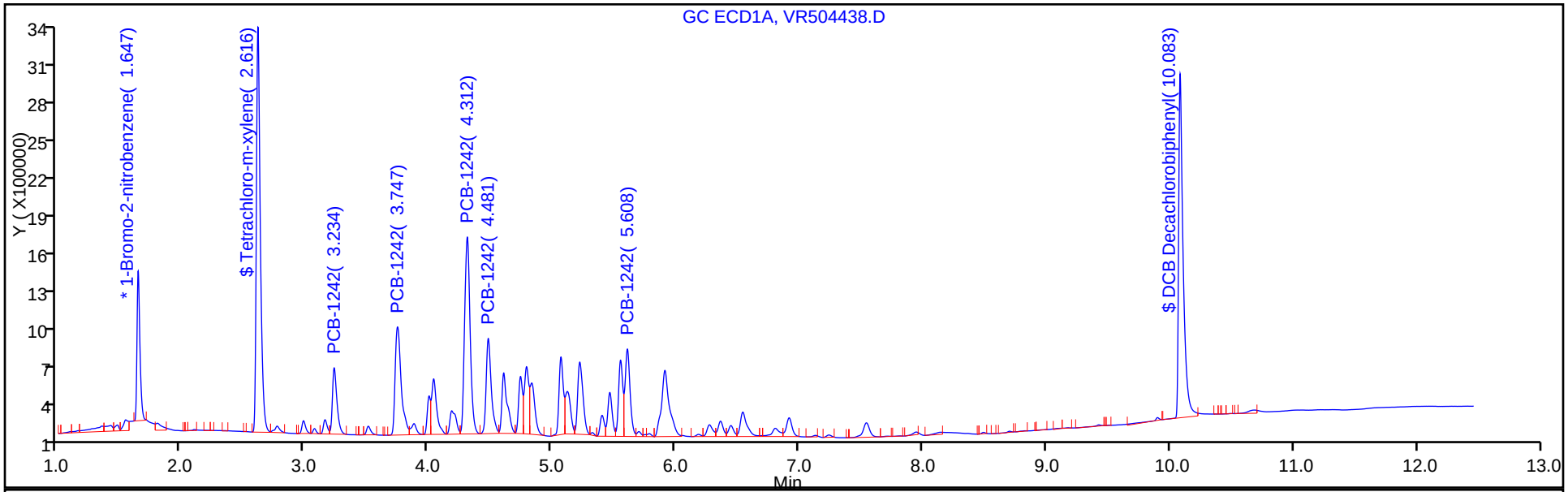
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

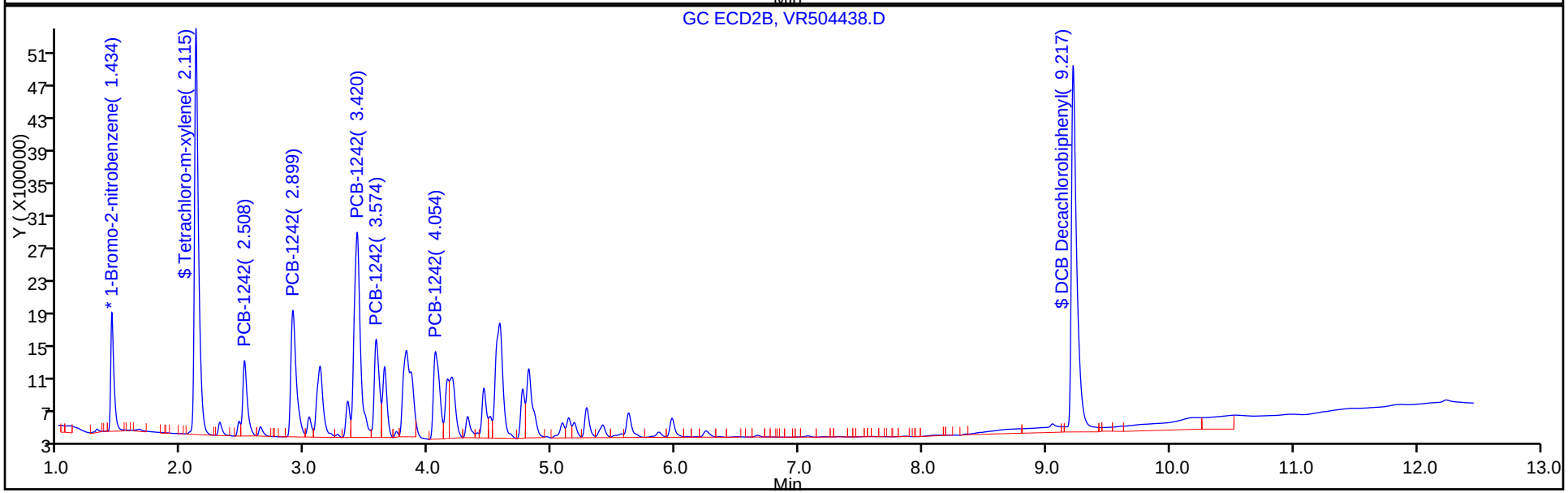
Report Date: 11-Nov-2015 13:15:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D

Injection Date:	11-Nov-2015 00:24:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504438.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0159	0.0180		1130	1000	13.2	20.0
PCB-1242 Peak 2	Ave	0.0319	0.0362		1140	1000	13.6	20.0
PCB-1242 Peak 3	Ave	0.0641	0.0672		1050	1000	4.8	20.0
PCB-1242 Peak 4	Ave	0.0242	0.0256		1060	1000	5.8	20.0
PCB-1242 Peak 5	Ave	0.0262	0.0280		1070	1000	6.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334464/28 Calibration Date: 11/11/2015 00:24

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504438.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.51	2.44	2.58
PCB-1242 Peak 2	2.90	2.83	2.97
PCB-1242 Peak 3	3.42	3.35	3.49
PCB-1242 Peak 4	3.57	3.50	3.64
PCB-1242 Peak 5	4.05	3.98	4.12

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 00:24:46 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-028
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:15:57 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 02:11:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.646	0.001	1955629	20.0	20.0	M
2	1.434	1.429	0.005	2588419	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.616	2.616	0.000	7170907	100.0	79.2	
2	2.115	2.110	0.005	11285982	100.0	89.9	M
						RPD = 12.56	
4 PCB-1242							
1	3.234	3.242	-0.008	1337586	1000.0	918.8	
1	3.747	3.756	-0.009	2928064	1000.0	943.3	
1	4.312	4.321	-0.009	4848594	1000.0	945.9	
1	4.481	4.491	-0.010	2161899	1000.0	932.5	
1	5.608	5.613	-0.005	1923228	1000.0	938.0	
		Average of Peak Amounts =				935.7	
2	2.508	2.506	0.002	2324968	1000.0	1132.2	
2	2.899	2.897	0.002	4685038	1000.0	1135.6	
2	3.420	3.418	0.002	8690810	1000.0	1048.3	
2	3.574	3.572	0.002	3315717	1000.0	1057.7	
2	4.054	4.052	0.002	3625478	1000.0	1068.4	
		Average of Peak Amounts =				1088.5	
						RPD = 15.09	
$ 11 DCB Decachlorobiphenyl							
1	10.083	10.133	-0.050	6876258	100.0	79.0	
2	9.217	9.236	-0.019	13760392	100.0	103.8	
						RPD = 27.07	
S 12 Polychlorinated biphenyls, Total							
1						935.7	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

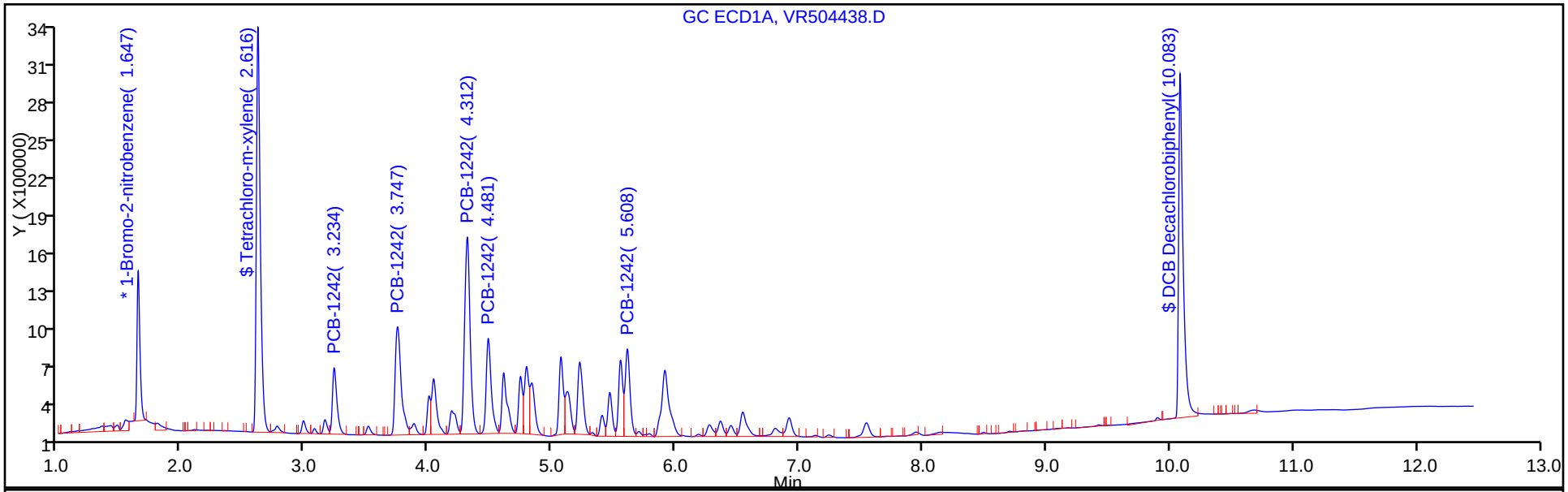
SG1242L3_00024	Amount Added:	1.00	Units: mL	
SGPCBISTD_00005	Amount Added:	20.00	Units: uL	Run Reagent

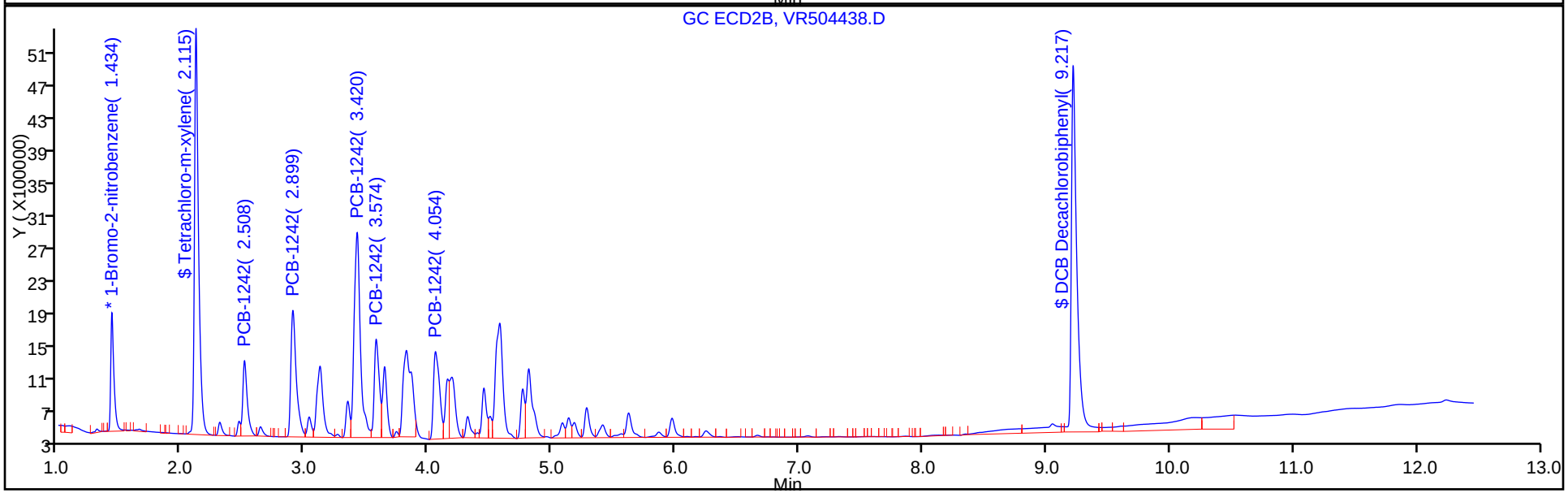
Report Date: 11-Nov-2015 13:15:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504438.D

Injection Date:	11-Nov-2015 00:24:46	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	28
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334642/1 Calibration Date: 11/11/2015 08:19

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504453.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0244	0.0232		949	1000	-5.1	20.0
PCB-1016 Peak 2	Ave	0.0515	0.0497		965	1000	-3.5	20.0
PCB-1016 Peak 3	Ave	0.0886	0.0847		956	1000	-4.4	20.0
PCB-1016 Peak 4	Ave	0.0281	0.0273		971	1000	-2.9	20.0
PCB-1016 Peak 5	Ave	0.0323	0.0330		1020	1000	2.2	20.0
PCB-1260 Peak 1	Ave	0.0626	0.0657		1050	1000	5.0	20.0
PCB-1260 Peak 2	Ave	0.0719	0.0743		1030	1000	3.3	20.0
PCB-1260 Peak 3	Ave	0.0443	0.0482		1090	1000	8.9	20.0
PCB-1260 Peak 4	Ave	0.0909	0.0987		1080	1000	8.5	20.0
PCB-1260 Peak 5	Ave	0.0240	0.0225		937	1000	-6.3	20.0
Tetrachloro-m-xylene	Ave	0.9255	1.022		110	100	10.5	20.0
DCB Decachlorobiphenyl	Ave	0.8897	0.8781		98.7	100	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334642/1 Calibration Date: 11/11/2015 08:19

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504453.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	3.23	3.16	3.30
PCB-1016 Peak 2	3.74	3.67	3.81
PCB-1016 Peak 3	4.31	4.24	4.38
PCB-1016 Peak 4	5.07	5.00	5.14
PCB-1016 Peak 5	5.22	5.15	5.29
PCB-1260 Peak 1	6.86	6.79	6.93
PCB-1260 Peak 2	7.23	7.16	7.30
PCB-1260 Peak 3	8.54	8.47	8.61
PCB-1260 Peak 4	8.84	8.77	8.91
PCB-1260 Peak 5	9.70	9.63	9.77
Tetrachloro-m-xylene	2.61	2.56	2.66
DCB Decachlorobiphenyl	10.15	10.05	10.25

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504453.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 08:19:20 ALS Bottle#: 43 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 09:59:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.640	1.640	0.000	1560864	20.0	20.0	
2	1.420	1.420	0.000	2882241	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.613	2.613	0.000	7979571	100.0	110.5	
2	2.100	2.100	0.000	14197267	100.0	101.5	
						RPD = 8.46	
5 PCB-1016							M
1	3.230	3.230	0.000	1809060	1000.0	949.4	
1	3.744	3.744	0.000	3879581	1000.0	964.9	
1	4.310	4.310	0.000	6607160	1000.0	955.8	
1	5.067	5.067	0.000	2128755	1000.0	970.8	
1	5.220	5.220	0.000	2573696	1000.0	1021.7	
		Average of Peak Amounts =				972.5	
2	2.492	2.492	0.000	3526827	1000.0	940.9	M
2	2.884	2.884	0.000	6717887	1000.0	914.5	M
2	3.404	3.404	0.000	13045664	1000.0	952.8	M
2	3.558	3.558	0.000	5037315	1000.0	983.9	M
2	4.039	4.039	0.000	5544625	1000.0	1003.8	M
		Average of Peak Amounts =				959.2	
						RPD = 1.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.858	6.858	0.000	5126953	1000.0	1049.5	
1	7.234	7.234	0.000	5795631	1000.0	1032.9	
1	8.540	8.540	0.000	3762034	1000.0	1089.3	
1	8.840	8.840	0.000	7699219	1000.0	1084.8	
1	9.701	9.701	0.000	1757825	1000.0	937.0	
		Average of Peak Amounts =				1038.7	
2	5.489	5.489	0.000	8560617	1000.0	958.6	M
2	6.773	6.773	0.000	6761902	1000.0	933.0	M
2	7.304	7.304	0.000	16571380	1000.0	984.1	M
2	7.840	7.840	0.000	8568873	1000.0	1044.8	
2	8.769	8.769	0.000	3847122	1000.0	906.0	M
		Average of Peak Amounts =				965.3	
						RPD = 7.32	
$ 11 DCB Decachlorobiphenyl							M
1	10.147	10.147	0.000	6853214	100.0	98.7	
2	9.235	9.235	0.000	13723333	100.0	93.0	M
						RPD = 5.99	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

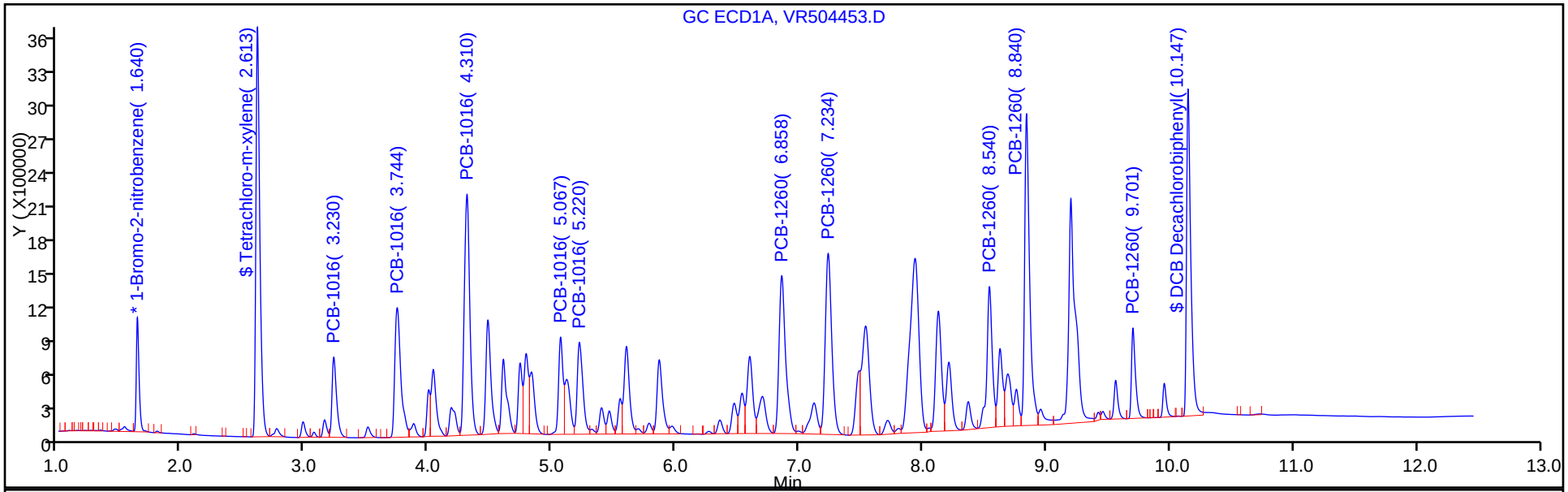
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

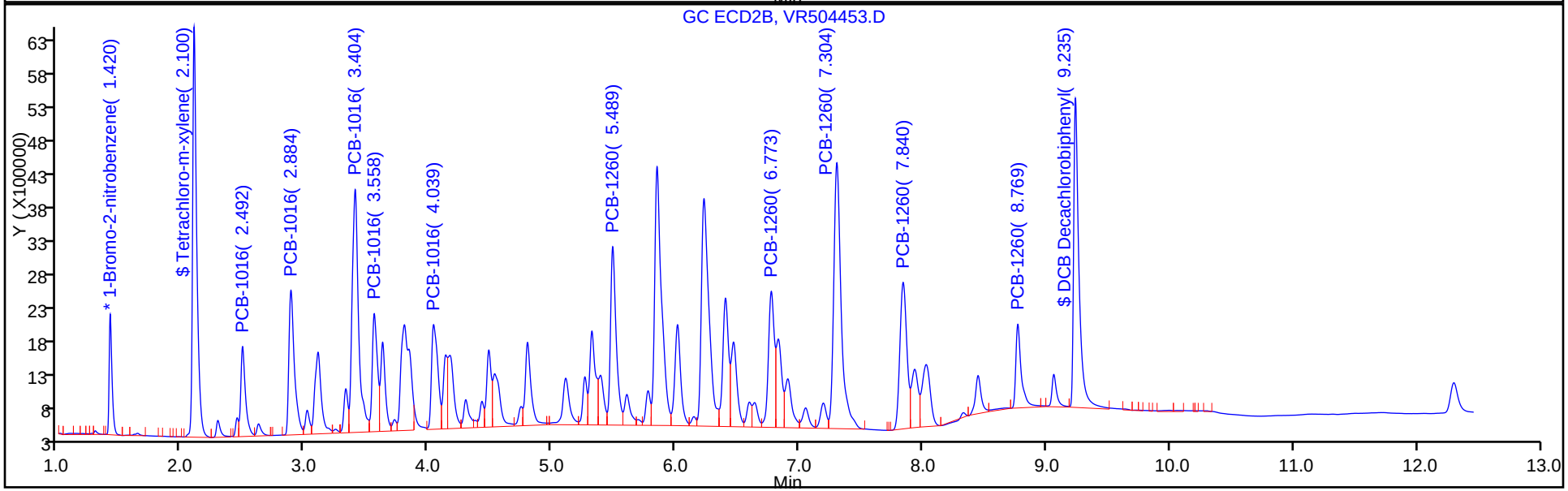
Report Date: 11-Nov-2015 15:56:07 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504453.D

Injection Date:	11-Nov-2015 08:19:20	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334642/1 Calibration Date: 11/11/2015 08:19

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504453.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0260	0.0245		941	1000	-5.9	20.0
PCB-1016 Peak 2	Ave	0.0510	0.0466		915	1000	-8.5	20.0
PCB-1016 Peak 3	Ave	0.0950	0.0905		953	1000	-4.7	20.0
PCB-1016 Peak 4	Ave	0.0355	0.0350		984	1000	-1.6	20.0
PCB-1016 Peak 5	Ave	0.0383	0.0385		1000	1000	0.4	20.0
PCB-1260 Peak 1	Ave	0.0620	0.0594		959	1000	-4.1	20.0
PCB-1260 Peak 2	Ave	0.0503	0.0469		933	1000	-6.7	20.0
PCB-1260 Peak 3	Ave	0.1168	0.1150		984	1000	-1.6	20.0
PCB-1260 Peak 4	Ave	0.0569	0.0595		1040	1000	4.5	20.0
PCB-1260 Peak 5	Ave	0.0295	0.0267		906	1000	-9.4	20.0
Tetrachloro-m-xylene	Ave	0.9705	0.9852		102	100	1.5	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.9523		93.0	100	-7.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCVIS 460-334642/1 Calibration Date: 11/11/2015 08:19

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504453.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.49	2.42	2.56
PCB-1016 Peak 2	2.88	2.81	2.95
PCB-1016 Peak 3	3.40	3.33	3.47
PCB-1016 Peak 4	3.56	3.49	3.63
PCB-1016 Peak 5	4.04	3.97	4.11
PCB-1260 Peak 1	5.49	5.42	5.56
PCB-1260 Peak 2	6.77	6.70	6.84
PCB-1260 Peak 3	7.30	7.23	7.37
PCB-1260 Peak 4	7.84	7.77	7.91
PCB-1260 Peak 5	8.77	8.70	8.84
Tetrachloro-m-xylene	2.10	2.05	2.15
DCB Decachlorobiphenyl	9.24	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504453.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Nov-2015 08:19:20 ALS Bottle#: 43 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub1

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:56:06 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

First Level Reviewer: patelji Date: 11-Nov-2015 09:59:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.640	1.640	0.000	1560864	20.0	20.0	
2	1.420	1.420	0.000	2882241	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.613	2.613	0.000	7979571	100.0	110.5	
2	2.100	2.100	0.000	14197267	100.0	101.5	
						RPD = 8.46	
5 PCB-1016							M
1	3.230	3.230	0.000	1809060	1000.0	949.4	
1	3.744	3.744	0.000	3879581	1000.0	964.9	
1	4.310	4.310	0.000	6607160	1000.0	955.8	
1	5.067	5.067	0.000	2128755	1000.0	970.8	
1	5.220	5.220	0.000	2573696	1000.0	1021.7	
		Average of Peak Amounts =				972.5	
2	2.492	2.492	0.000	3526827	1000.0	940.9	M
2	2.884	2.884	0.000	6717887	1000.0	914.5	M
2	3.404	3.404	0.000	13045664	1000.0	952.8	M
2	3.558	3.558	0.000	5037315	1000.0	983.9	M
2	4.039	4.039	0.000	5544625	1000.0	1003.8	M
		Average of Peak Amounts =				959.2	
						RPD = 1.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.858	6.858	0.000	5126953	1000.0	1049.5	
1	7.234	7.234	0.000	5795631	1000.0	1032.9	
1	8.540	8.540	0.000	3762034	1000.0	1089.3	
1	8.840	8.840	0.000	7699219	1000.0	1084.8	
1	9.701	9.701	0.000	1757825	1000.0	937.0	
		Average of Peak Amounts =				1038.7	
2	5.489	5.489	0.000	8560617	1000.0	958.6	M
2	6.773	6.773	0.000	6761902	1000.0	933.0	M
2	7.304	7.304	0.000	16571380	1000.0	984.1	M
2	7.840	7.840	0.000	8568873	1000.0	1044.8	
2	8.769	8.769	0.000	3847122	1000.0	906.0	M
		Average of Peak Amounts =				965.3	
						RPD = 7.32	
$ 11 DCB Decachlorobiphenyl							M
1	10.147	10.147	0.000	6853214	100.0	98.7	
2	9.235	9.235	0.000	13723333	100.0	93.0	M
						RPD = 5.99	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

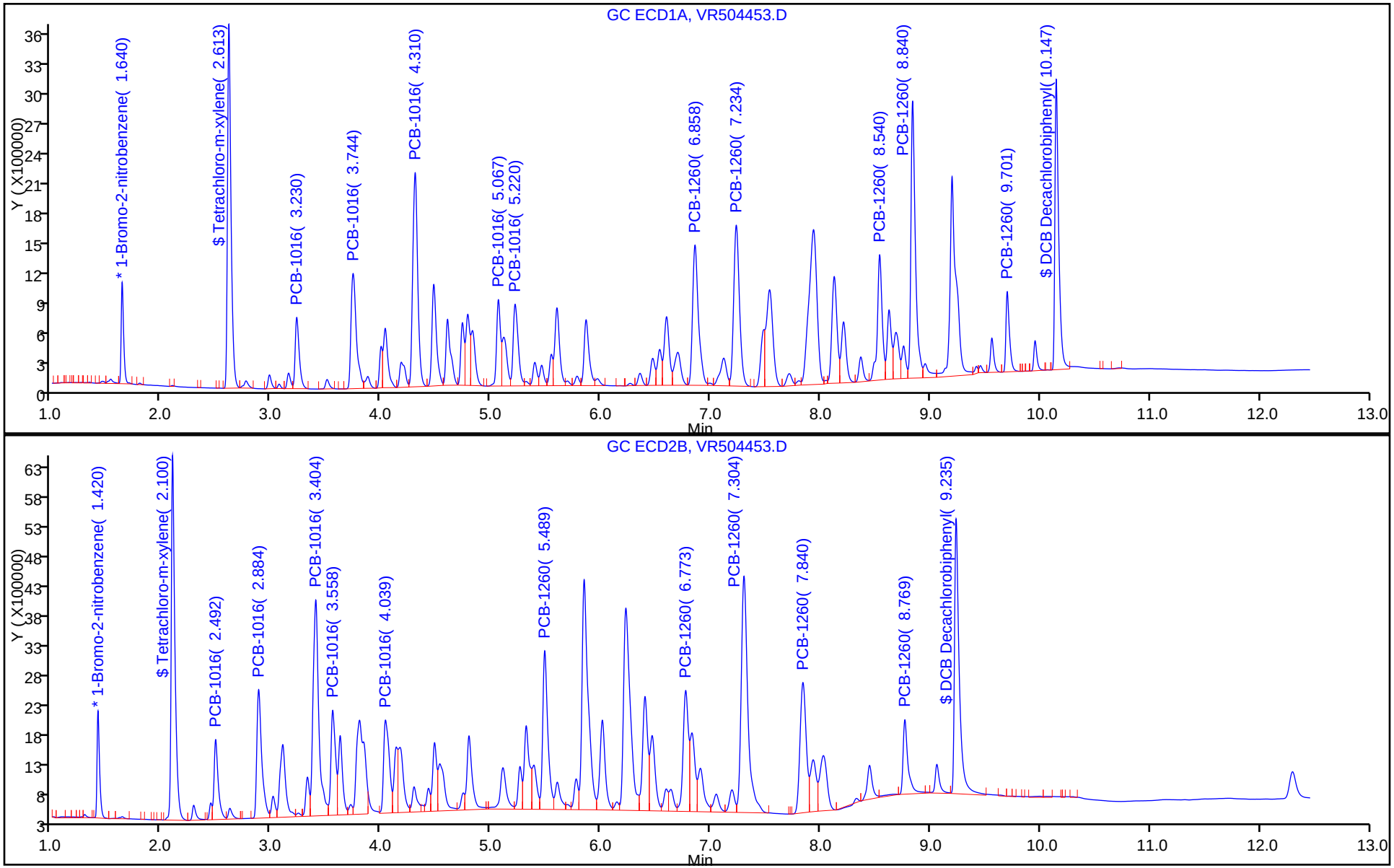
SG1660L3_00026	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 11-Nov-2015 15:56:08 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504453.D

Injection Date:	11-Nov-2015 08:19:20	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	43
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504471.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9255	0.9509		103	100	2.7	20.0
DCB Decachlorobiphenyl	Ave	0.8897	1.003		113	100	12.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504471.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.62	2.56	2.66
DCB Decachlorobiphenyl	10.11	10.05	10.25

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 14:33:04 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034109-019
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:57:01 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.640	0.004	1426068	20.0	20.0	
2	1.427	1.420	0.007	2911495	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.616	2.613	0.003	6779964	100.0	102.7	
2	2.109	2.100	0.009	11609247	100.0	82.2	
						RPD = 22.25	
4 PCB-1242							
1	3.233	3.242	-0.009	1205967	1000.0	1136.0	
1	3.747	3.756	-0.009	2590437	1000.0	1144.5	
1	4.312	4.321	-0.009	4237923	1000.0	1133.8	
1	4.482	4.491	-0.009	1810347	1000.0	1070.8	
1	5.607	5.613	-0.006	1566306	1000.0	1047.6	
		Average of Peak Amounts =				1106.5	
2	2.502	2.506	-0.004	2282213	1000.0	988.1	
2	2.895	2.897	-0.002	4137795	1000.0	891.7	
2	3.415	3.418	-0.003	7544461	1000.0	809.1	
2	3.569	3.572	-0.003	2891328	1000.0	820.0	
2	4.050	4.052	-0.002	3223525	1000.0	844.5	
		Average of Peak Amounts =				870.7	
						RPD = 23.86	
$ 11 DCB Decachlorobiphenyl							
1	10.106	10.147	-0.041	7153387	100.0	112.8	
2	9.223	9.235	-0.012	12585352	100.0	84.4	
						RPD = 28.78	
S 12 Polychlorinated biphenyls, Total							
1						1106.5	

Reagents:

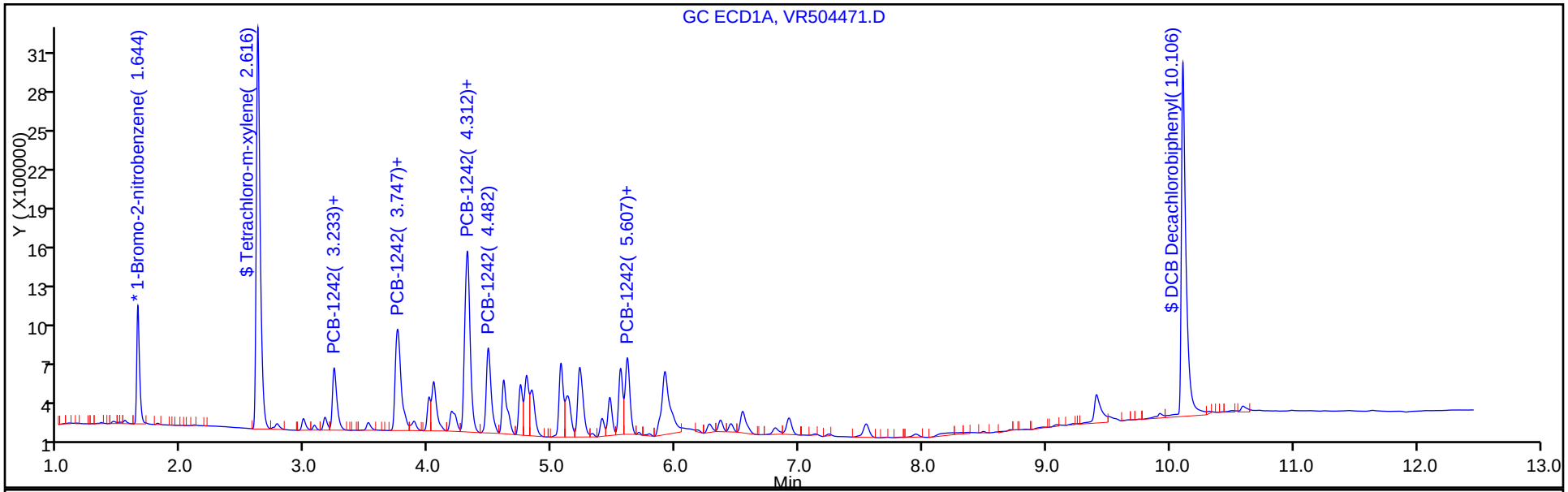
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

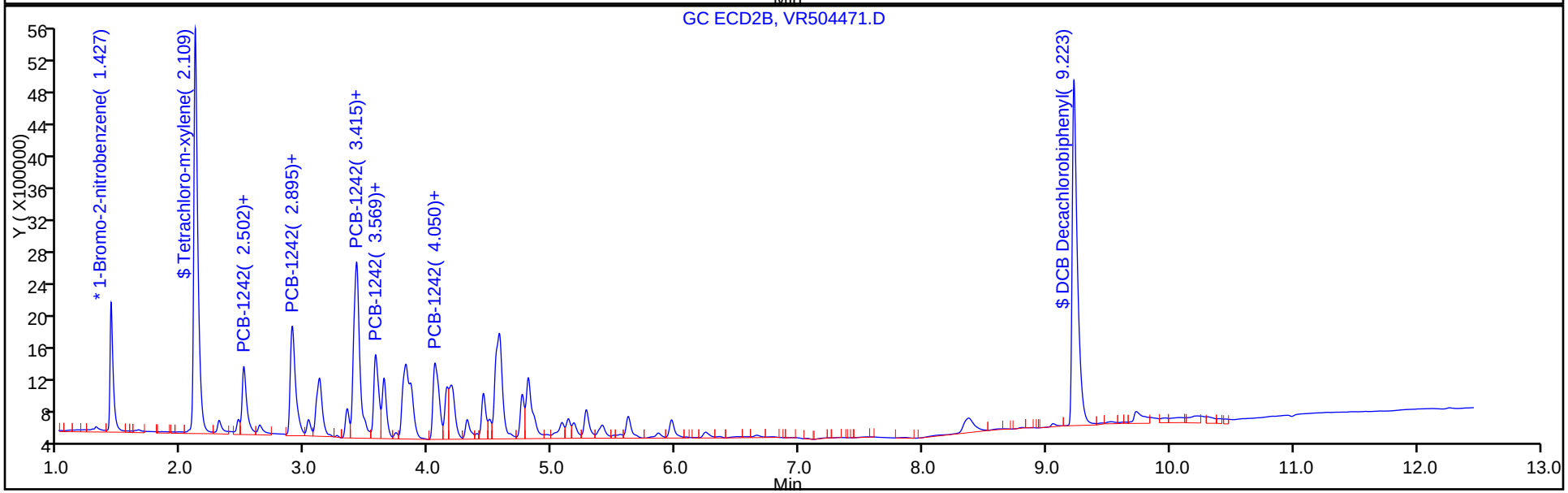
Report Date: 11-Nov-2015 15:57:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D

Injection Date:	11-Nov-2015 14:33:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504471.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0149	0.0169		1140	1000	13.6	20.0
PCB-1242 Peak 2	Ave	0.0317	0.0363		1140	1000	14.4	20.0
PCB-1242 Peak 3	Ave	0.0524	0.0594		1130	1000	13.4	20.0
PCB-1242 Peak 4	Ave	0.0237	0.0254		1070	1000	7.1	20.0
PCB-1242 Peak 5	Ave	0.0210	0.0220		1050	1000	4.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504471.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	3.23	3.17	3.31
PCB-1242 Peak 2	3.75	3.69	3.83
PCB-1242 Peak 3	4.31	4.25	4.39
PCB-1242 Peak 4	4.48	4.42	4.56
PCB-1242 Peak 5	5.61	5.54	5.68

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 14:33:04 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034109-019
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:57:01 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.640	0.004	1426068	20.0	20.0	
2	1.427	1.420	0.007	2911495	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.616	2.613	0.003	6779964	100.0	102.7	
2	2.109	2.100	0.009	11609247	100.0	82.2	
						RPD = 22.25	
4 PCB-1242							
1	3.233	3.242	-0.009	1205967	1000.0	1136.0	
1	3.747	3.756	-0.009	2590437	1000.0	1144.5	
1	4.312	4.321	-0.009	4237923	1000.0	1133.8	
1	4.482	4.491	-0.009	1810347	1000.0	1070.8	
1	5.607	5.613	-0.006	1566306	1000.0	1047.6	
		Average of Peak Amounts =				1106.5	
2	2.502	2.506	-0.004	2282213	1000.0	988.1	
2	2.895	2.897	-0.002	4137795	1000.0	891.7	
2	3.415	3.418	-0.003	7544461	1000.0	809.1	
2	3.569	3.572	-0.003	2891328	1000.0	820.0	
2	4.050	4.052	-0.002	3223525	1000.0	844.5	
		Average of Peak Amounts =				870.7	
						RPD = 23.86	
$ 11 DCB Decachlorobiphenyl							
1	10.106	10.147	-0.041	7153387	100.0	112.8	
2	9.223	9.235	-0.012	12585352	100.0	84.4	
						RPD = 28.78	
S 12 Polychlorinated biphenyls, Total							
1						1106.5	

Reagents:

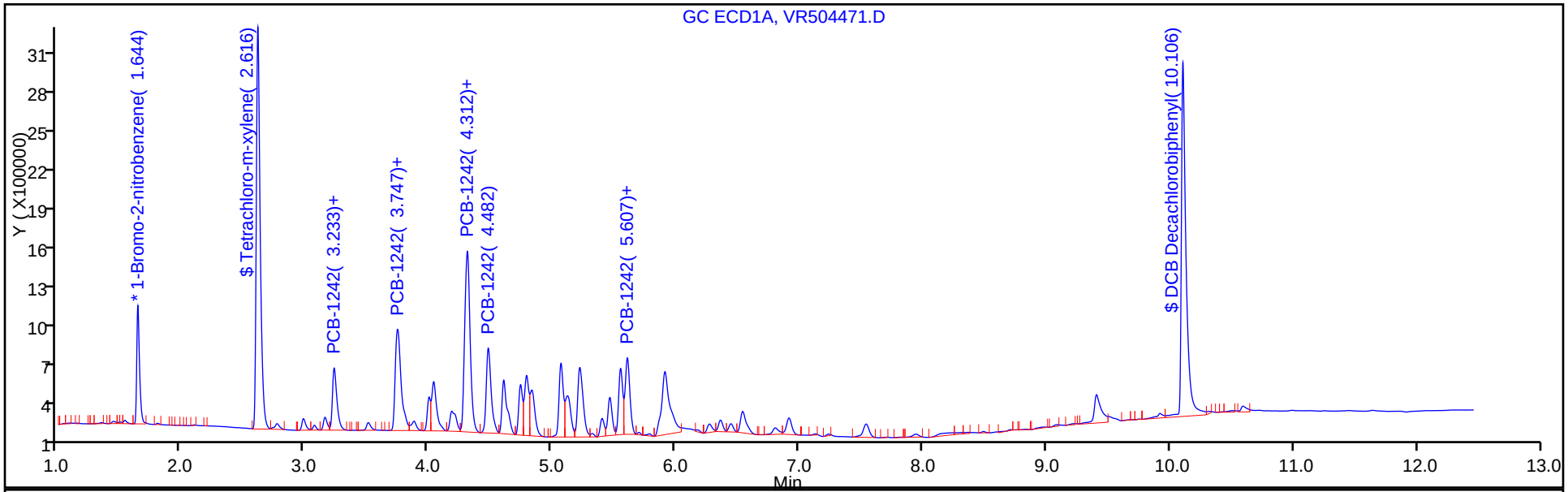
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

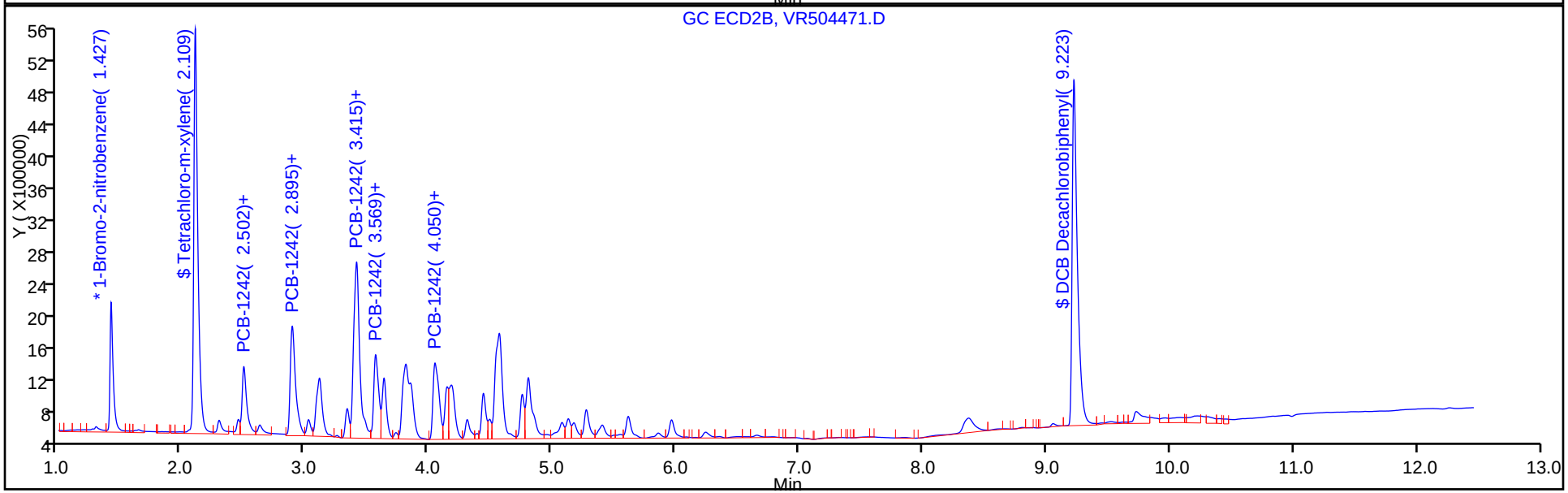
Report Date: 11-Nov-2015 15:57:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D

Injection Date:	11-Nov-2015 14:33:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504471.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloro-m-xylene	Ave	0.9705	0.7975		82.2	100	-17.8	20.0
DCB Decachlorobiphenyl	Ave	1.024	0.8645		84.4	100	-15.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 09:47

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 11:22

Lab File ID: VR504471.D

Analyte	RT	RT WINDOW	
		FROM	TO
Tetrachloro-m-xylene	2.11	2.05	2.15
DCB Decachlorobiphenyl	9.22	9.14	9.34

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 14:33:04 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034109-019
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:57:01 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.640	0.004	1426068	20.0	20.0	
2	1.427	1.420	0.007	2911495	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.616	2.613	0.003	6779964	100.0	102.7	
2	2.109	2.100	0.009	11609247	100.0	82.2	
						RPD = 22.25	
4 PCB-1242							
1	3.233	3.242	-0.009	1205967	1000.0	1136.0	
1	3.747	3.756	-0.009	2590437	1000.0	1144.5	
1	4.312	4.321	-0.009	4237923	1000.0	1133.8	
1	4.482	4.491	-0.009	1810347	1000.0	1070.8	
1	5.607	5.613	-0.006	1566306	1000.0	1047.6	
		Average of Peak Amounts =				1106.5	
2	2.502	2.506	-0.004	2282213	1000.0	988.1	
2	2.895	2.897	-0.002	4137795	1000.0	891.7	
2	3.415	3.418	-0.003	7544461	1000.0	809.1	
2	3.569	3.572	-0.003	2891328	1000.0	820.0	
2	4.050	4.052	-0.002	3223525	1000.0	844.5	
		Average of Peak Amounts =				870.7	
						RPD = 23.86	
$ 11 DCB Decachlorobiphenyl							
1	10.106	10.147	-0.041	7153387	100.0	112.8	
2	9.223	9.235	-0.012	12585352	100.0	84.4	
						RPD = 28.78	
S 12 Polychlorinated biphenyls, Total							
1						1106.5	

Reagents:

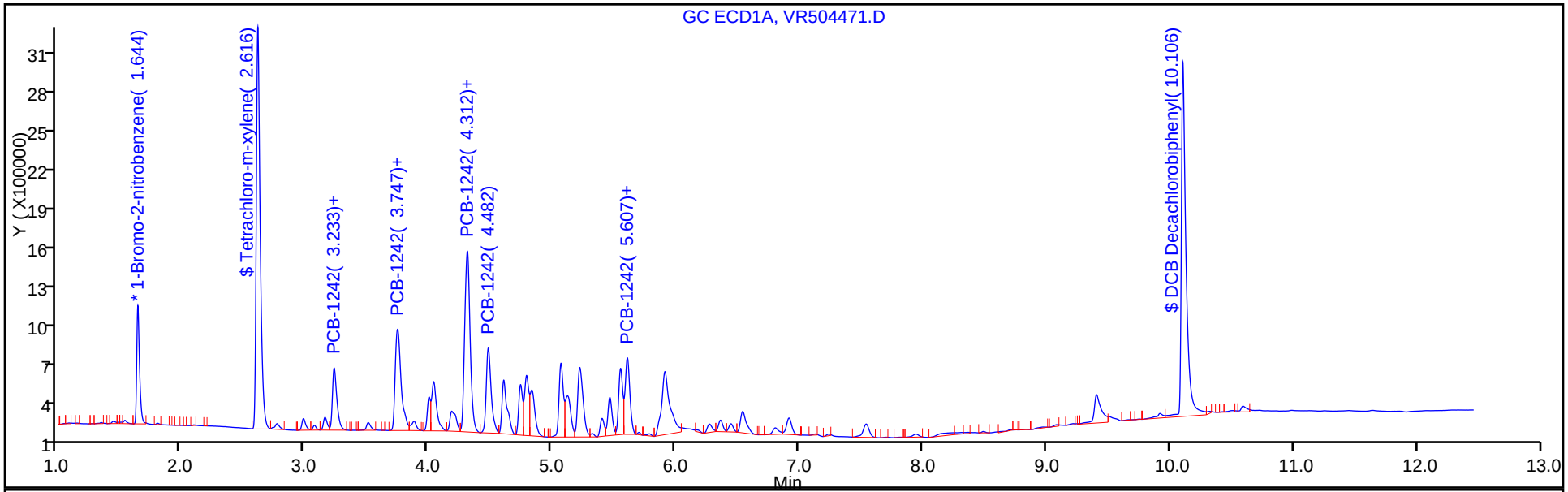
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

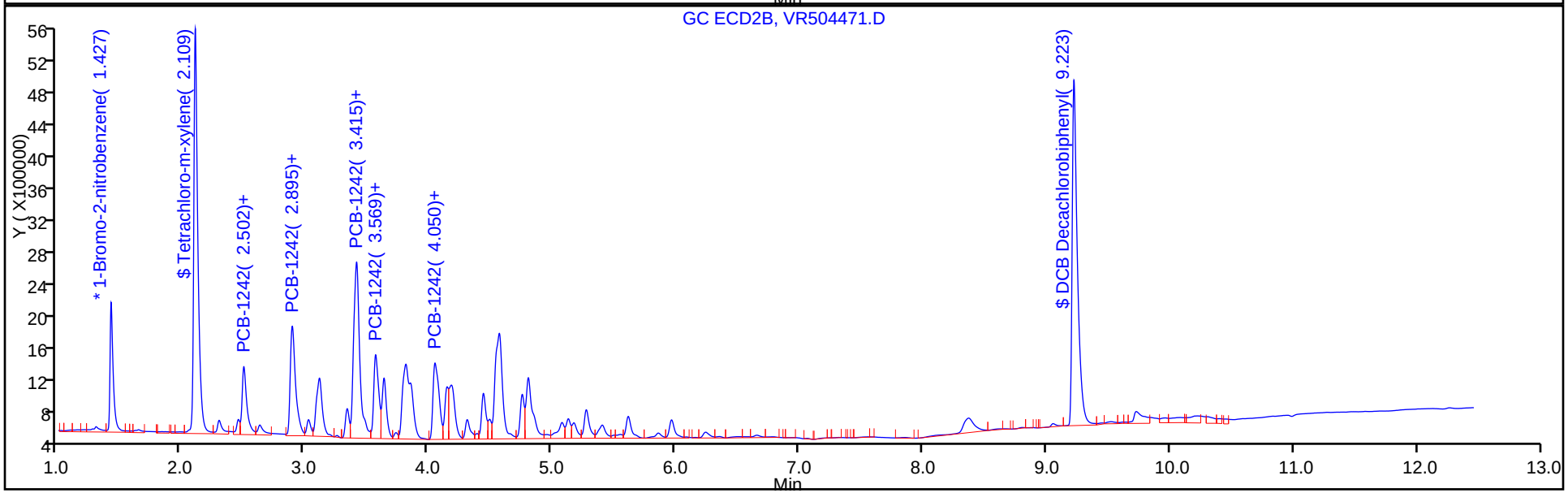
Report Date: 11-Nov-2015 15:57:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D

Injection Date:	11-Nov-2015 14:33:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504471.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	0.0159	0.0157		988	1000	-1.2	20.0
PCB-1242 Peak 2	Ave	0.0319	0.0284		892	1000	-10.8	20.0
PCB-1242 Peak 3	Ave	0.0641	0.0518		809	1000	-19.1	20.0
PCB-1242 Peak 4	Ave	0.0242	0.0199		820	1000	-18.0	20.0
PCB-1242 Peak 5	Ave	0.0262	0.0221		845	1000	-15.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334642/19 Calibration Date: 11/11/2015 14:33

Instrument ID: CPESTGC9 Calib Start Date: 09/30/2015 12:33

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/30/2015 12:33

Lab File ID: VR504471.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.50	2.44	2.58
PCB-1242 Peak 2	2.90	2.83	2.97
PCB-1242 Peak 3	3.42	3.35	3.49
PCB-1242 Peak 4	3.57	3.50	3.64
PCB-1242 Peak 5	4.05	3.98	4.12

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D
Lims ID: CCV AR1242
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 14:33:04 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034109-019
Operator ID: 615 Instrument ID: CPESTGC9
Sublist: chrom-8082-ISTD*sub4

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 15:57:01 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK019

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.640	0.004	1426068	20.0	20.0	
2	1.427	1.420	0.007	2911495	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.616	2.613	0.003	6779964	100.0	102.7	
2	2.109	2.100	0.009	11609247	100.0	82.2	
						RPD = 22.25	
4 PCB-1242							
1	3.233	3.242	-0.009	1205967	1000.0	1136.0	
1	3.747	3.756	-0.009	2590437	1000.0	1144.5	
1	4.312	4.321	-0.009	4237923	1000.0	1133.8	
1	4.482	4.491	-0.009	1810347	1000.0	1070.8	
1	5.607	5.613	-0.006	1566306	1000.0	1047.6	
		Average of Peak Amounts =				1106.5	
2	2.502	2.506	-0.004	2282213	1000.0	988.1	
2	2.895	2.897	-0.002	4137795	1000.0	891.7	
2	3.415	3.418	-0.003	7544461	1000.0	809.1	
2	3.569	3.572	-0.003	2891328	1000.0	820.0	
2	4.050	4.052	-0.002	3223525	1000.0	844.5	
		Average of Peak Amounts =				870.7	
						RPD = 23.86	
$ 11 DCB Decachlorobiphenyl							
1	10.106	10.147	-0.041	7153387	100.0	112.8	
2	9.223	9.235	-0.012	12585352	100.0	84.4	
						RPD = 28.78	
S 12 Polychlorinated biphenyls, Total							
1						1106.5	

Reagents:

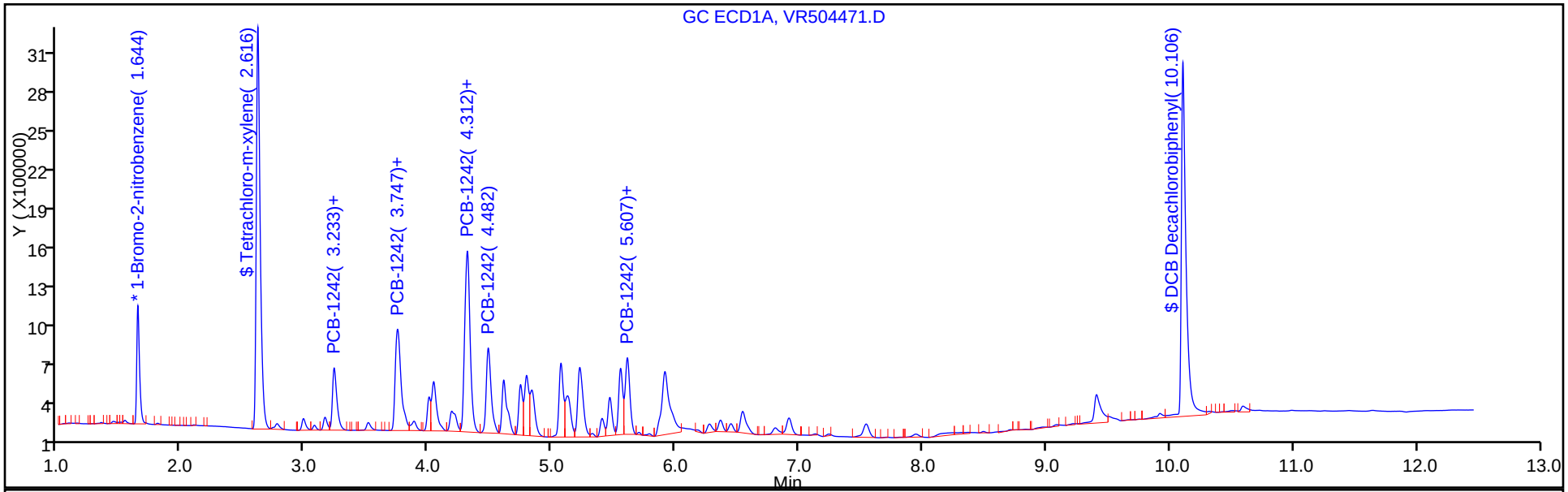
SG1242L3_00024	Amount Added: 1.00	Units: mL	
SGPCBISTD_00005	Amount Added: 20.00	Units: uL	Run Reagent

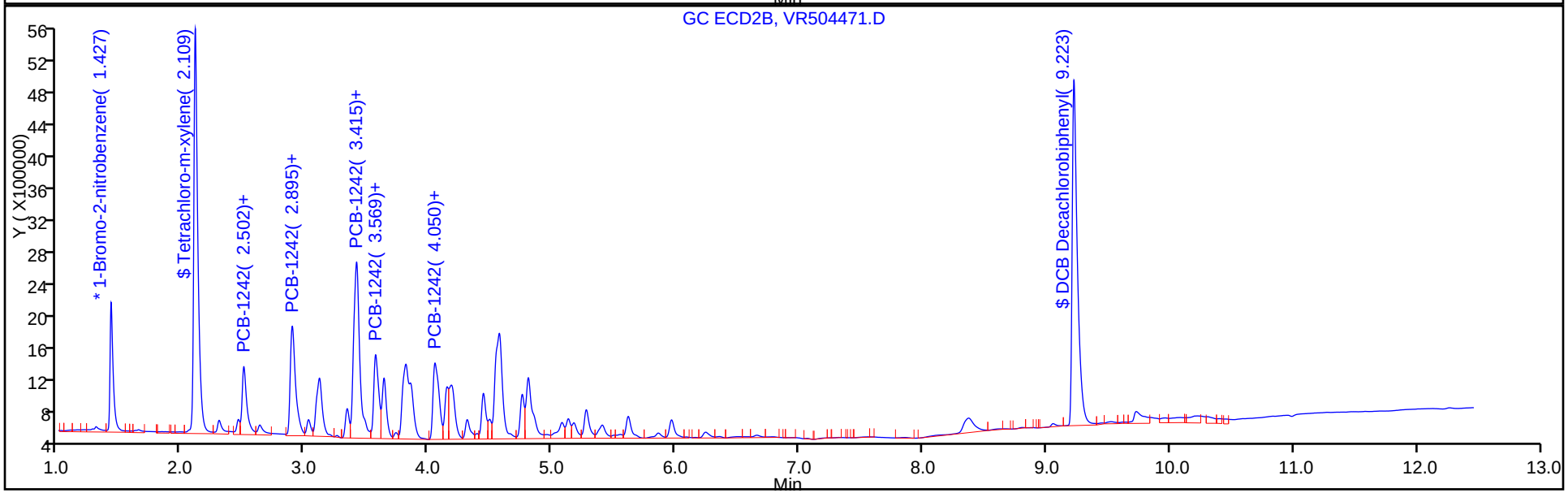
Report Date: 11-Nov-2015 15:57:01 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151111-34109.b\VR504471.D

Injection Date:	11-Nov-2015 14:33:04	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	CCV AR1242			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333841/1-A

Matrix: Water | Lab File ID: 8F008206.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 16:42

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.: 333978 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008206.D
Lims ID: MB 460-333841/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2015 16:42:46 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 13:46:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.698	1.694	0.004	3680436	20.0	20.0	
2	1.470	1.469	0.001	2505501	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.696	2.691	0.005	14801420	100.0	84.2	
2	2.168	2.168	0.000	10621970	100.0	84.4	
						RPD = 0.29	
$ 11 DCB Decachlorobiphenyl							
1	11.569	11.510	0.059	13226432	100.0	79.4	a
2	10.436	10.413	0.023	12115194	100.0	92.4	
						RPD = 15.10	

Reagents:

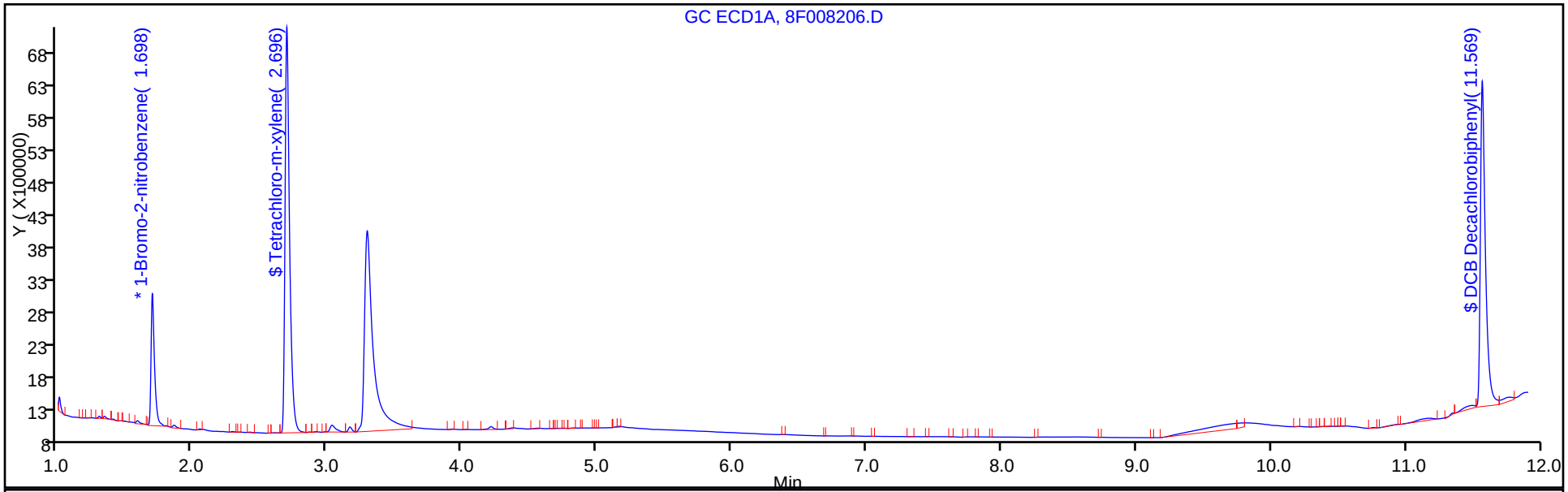
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

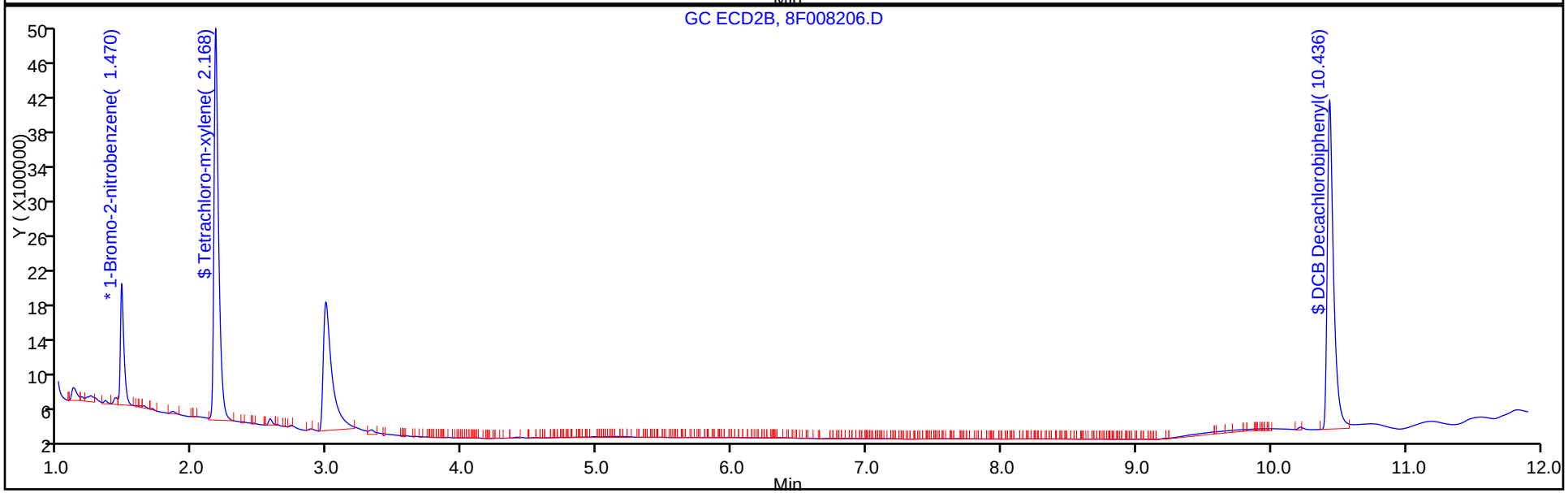
Report Date: 10-Nov-2015 14:08:22 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008206.D

Injection Date:	08-Nov-2015 16:42:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	MB 460-333841/1-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-333841/1-A

Matrix: Water | Lab File ID: 8F008206.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 16:42

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.098	U	0.40	0.098
11104-28-2	Aroclor 1221	0.098	U	0.40	0.098
11141-16-5	Aroclor 1232	0.098	U	0.40	0.098
53469-21-9	Aroclor 1242	0.098	U	0.40	0.098
12672-29-6	Aroclor 1248	0.098	U	0.40	0.098
11097-69-1	Aroclor 1254	0.084	U	0.40	0.084
11096-82-5	Aroclor 1260	0.084	U	0.40	0.084
37324-23-5	Aroclor 1262	0.084	U	0.40	0.084
11100-14-4	Aroclor 1268	0.084	U	0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008206.D
Lims ID: MB 460-333841/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Nov-2015 16:42:46 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: adoum Date: 10-Nov-2015 13:46:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.698	1.694	0.004	3680436	20.0	20.0	
2	1.470	1.469	0.001	2505501	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.696	2.691	0.005	14801420	100.0	84.2	
2	2.168	2.168	0.000	10621970	100.0	84.4	
						RPD = 0.29	
$ 11 DCB Decachlorobiphenyl							
1	11.569	11.510	0.059	13226432	100.0	79.4	a
2	10.436	10.413	0.023	12115194	100.0	92.4	
						RPD = 15.10	

Reagents:

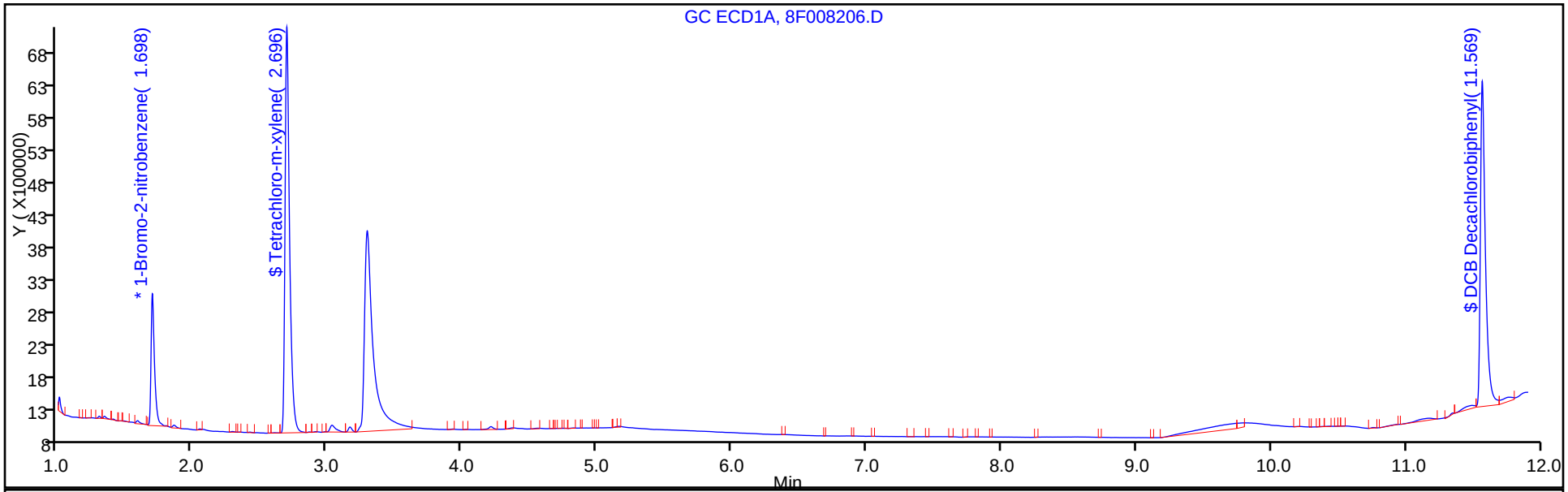
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

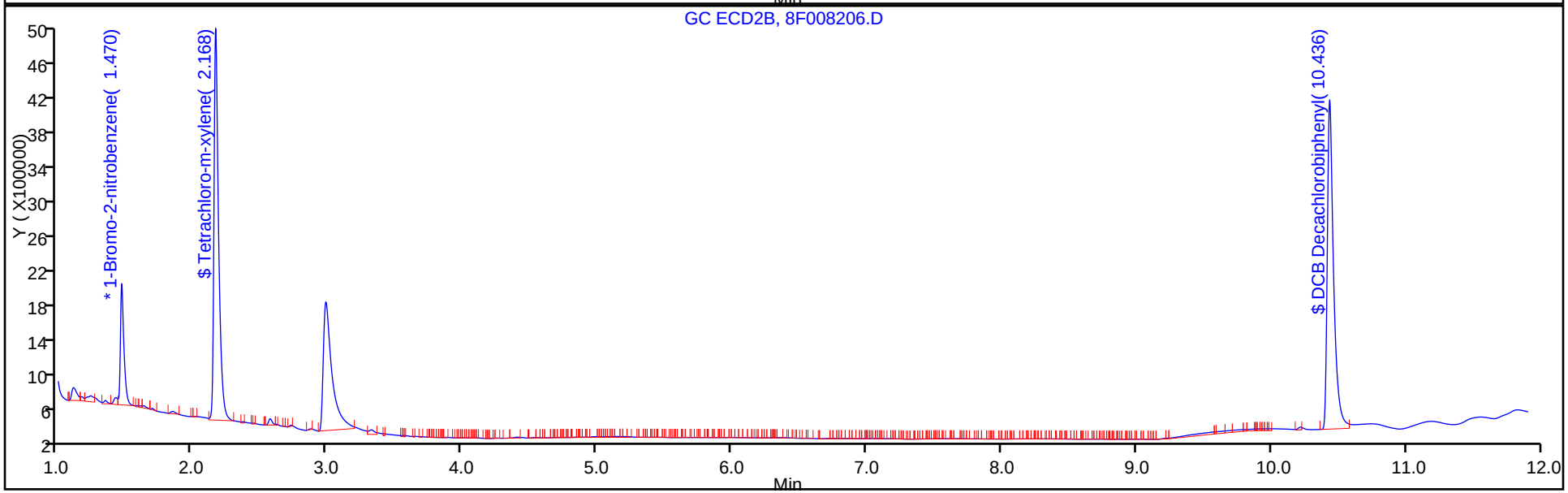
Report Date: 10-Nov-2015 14:08:23 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008206.D

Injection Date:	08-Nov-2015 16:42:46	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	MB 460-333841/1-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334079/1-A

Matrix: Solid | Lab File ID: VR504369.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/09/2015 22:30

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.: 334219 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D
Lims ID: MB 460-334079/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Nov-2015 22:30:15 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 11:42:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.648	-0.001	1216460	20.0	20.0	
2	1.426	1.429	-0.003	2188508	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.621	2.622	-0.001	3214786	50.0	57.1	
2	2.108	2.112	-0.004	5548858	50.0	52.2	M
						RPD = 8.89	
$ 11 DCB Decachlorobiphenyl							M
1	10.126	10.115	0.011	3463158	50.0	64.0	
2	9.231	9.228	0.003	6829957	50.0	60.9	M
						RPD = 4.91	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

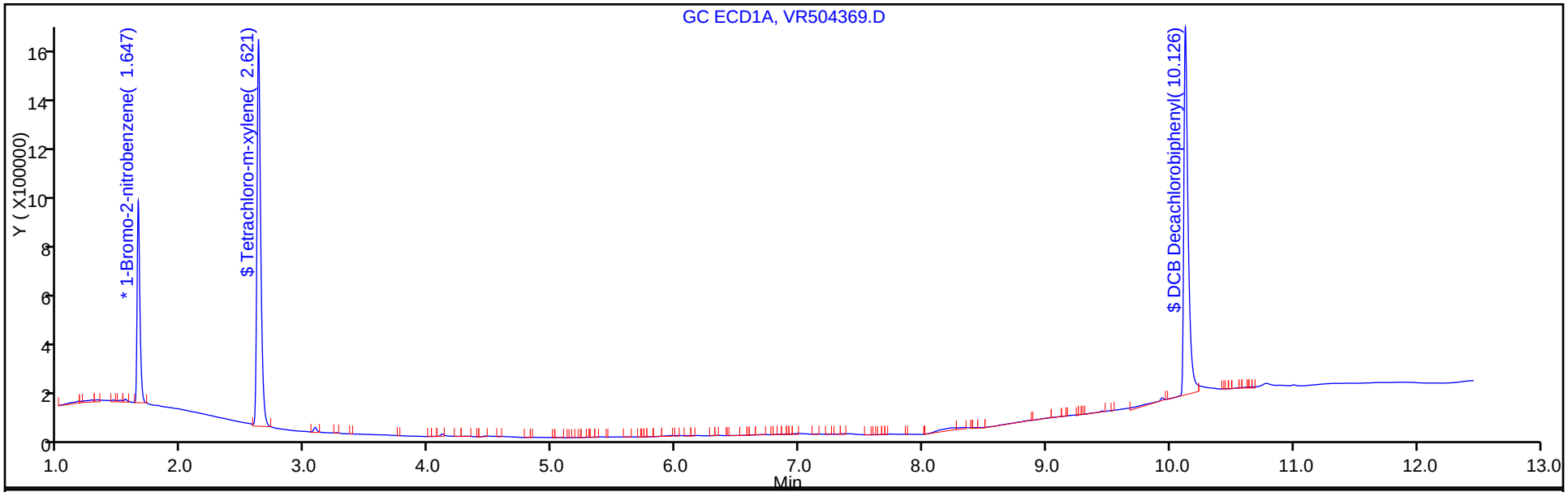
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

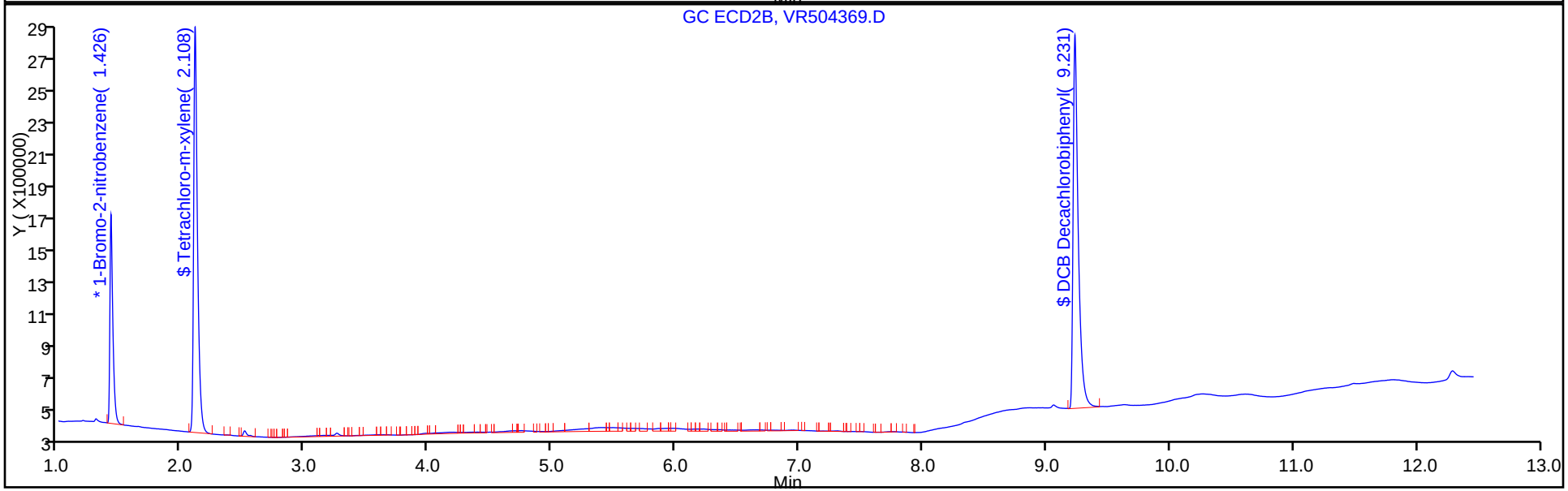
Report Date: 10-Nov-2015 12:00:58 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D

Injection Date:	09-Nov-2015 22:30:15	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334079/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334079/1-A

Matrix: Solid | Lab File ID: VR504369.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/09/2015 22:30

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.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D
Lims ID: MB 460-334079/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Nov-2015 22:30:15 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 11:42:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.647	1.648	-0.001	1216460	20.0	20.0	
2	1.426	1.429	-0.003	2188508	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.621	2.622	-0.001	3214786	50.0	57.1	
2	2.108	2.112	-0.004	5548858	50.0	52.2	M
						RPD = 8.89	
$ 11 DCB Decachlorobiphenyl							M
1	10.126	10.115	0.011	3463158	50.0	64.0	
2	9.231	9.228	0.003	6829957	50.0	60.9	M
						RPD = 4.91	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

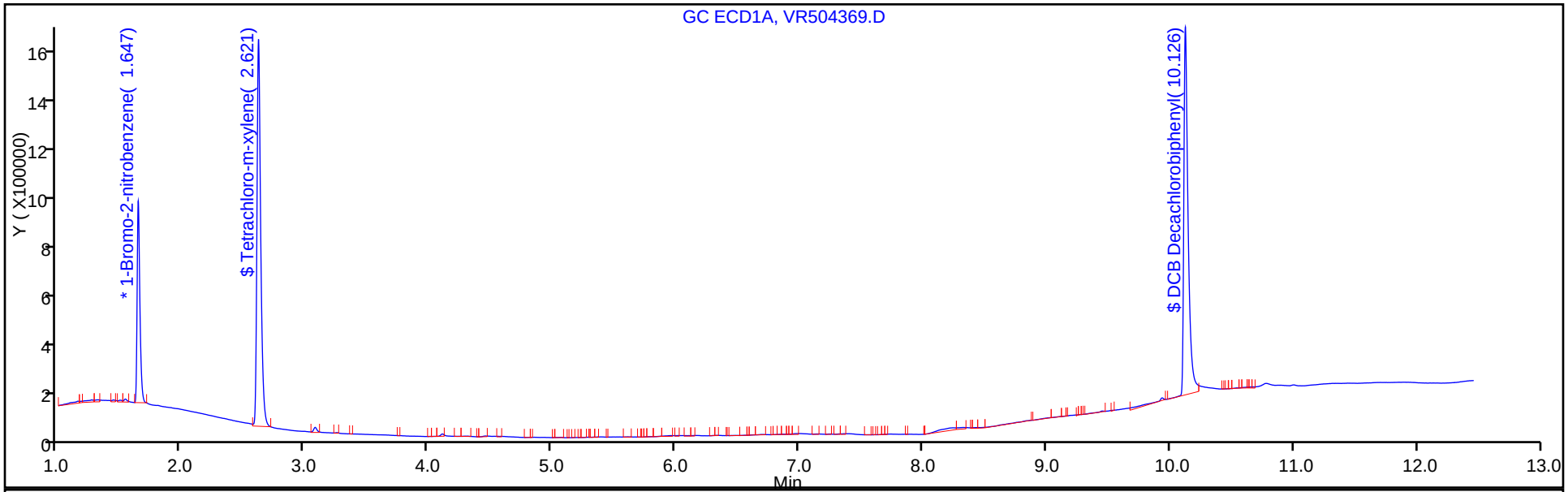
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

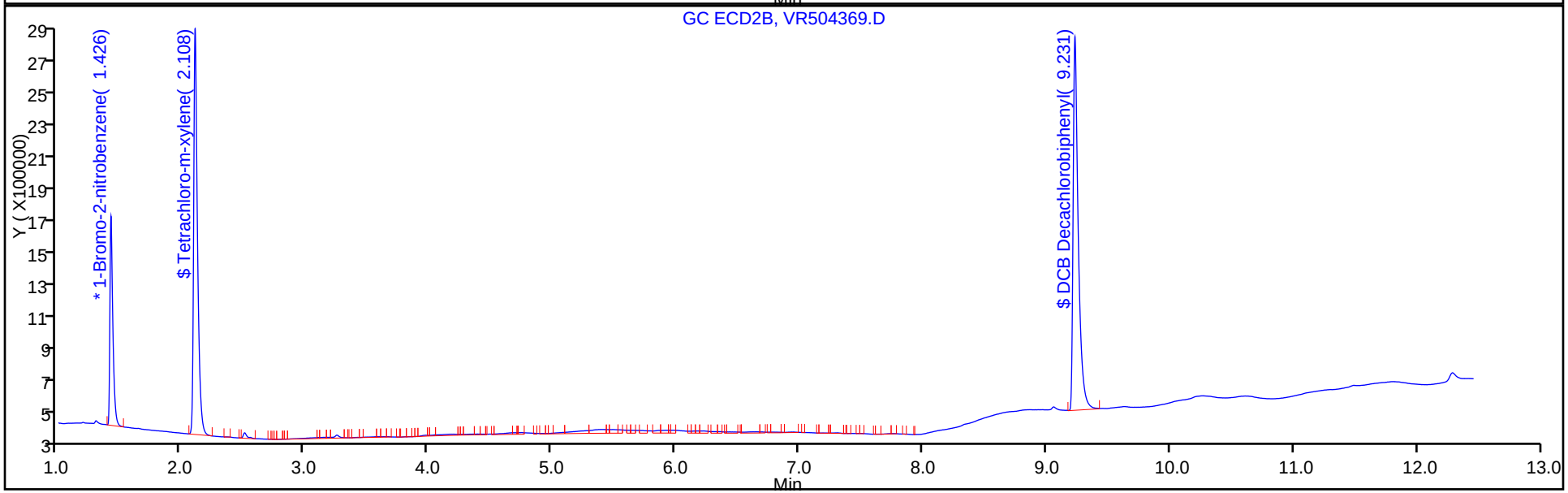
Report Date: 10-Nov-2015 12:00:59 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D

Injection Date:	09-Nov-2015 22:30:15	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334079/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

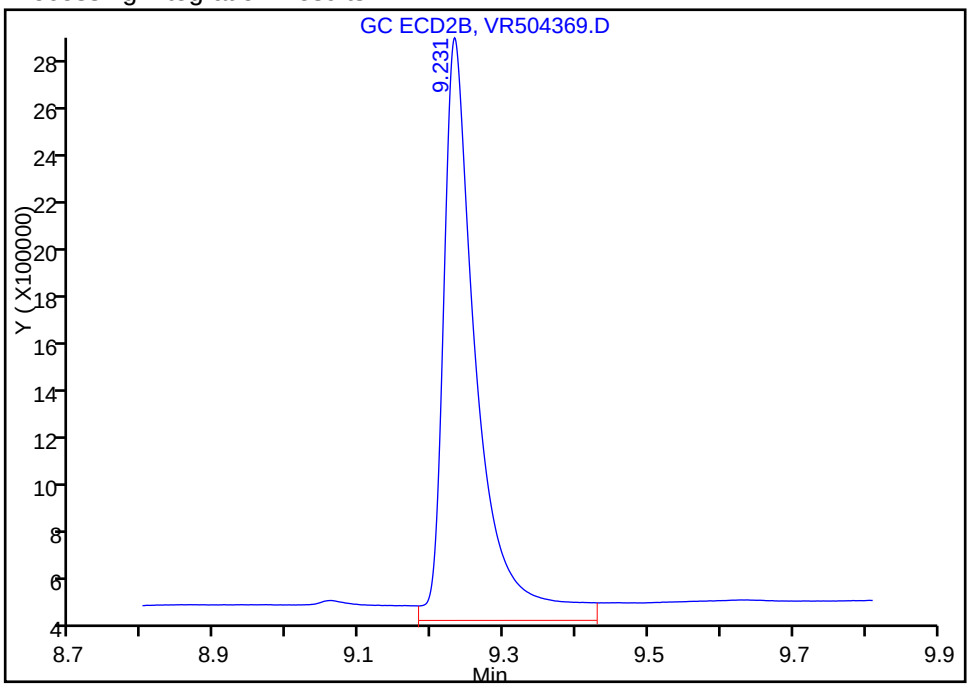
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D
Injection Date: 09-Nov-2015 22:30:15 Instrument ID: CPESTGC9
Lims ID: MB 460-334079/1-A
Client ID:
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

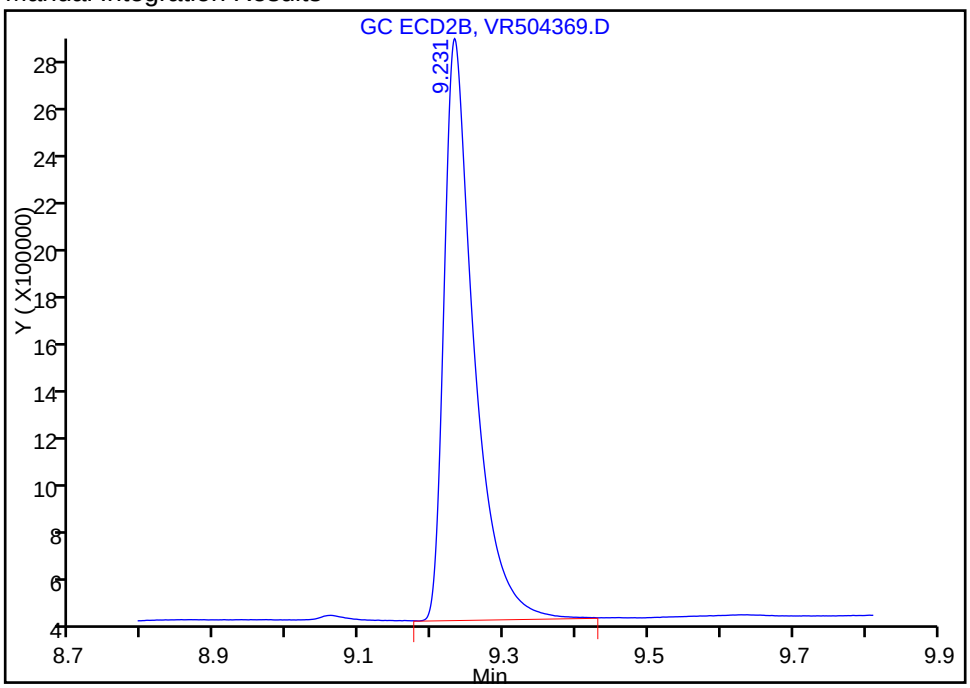
Processing Integration Results

RT: 9.23
Area: 7790762
Amount: 57.553857
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 6829957
Amount: 60.928996
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 11:42:47
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

TestAmerica Edison

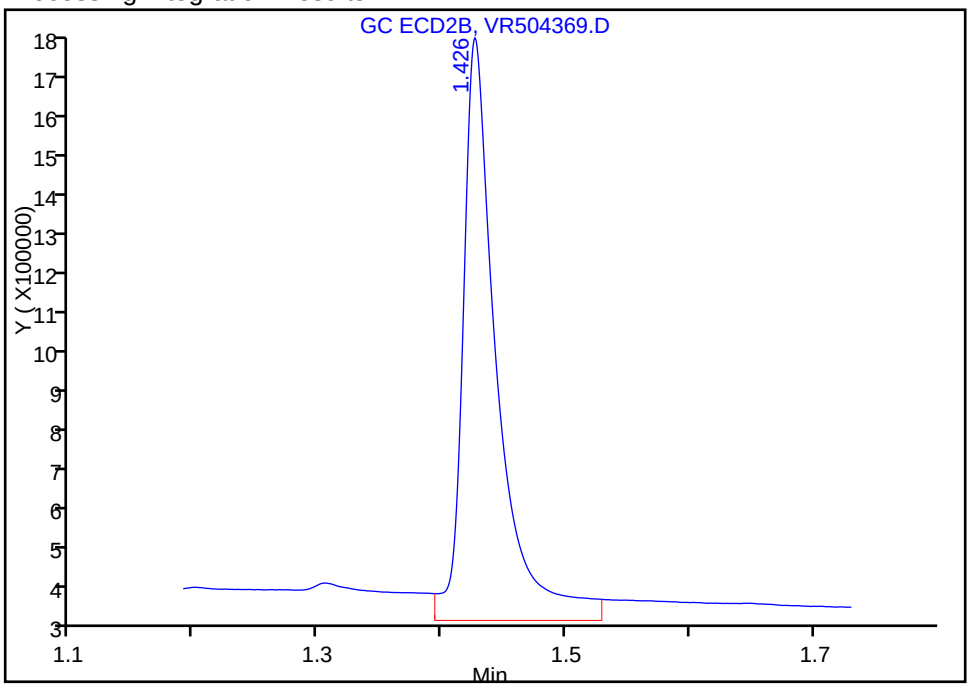
Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504369.D

Injection Date:	09-Nov-2015 22:30:15	Instrument ID:	CPESTGC9		
Lims ID:	MB 460-334079/1-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

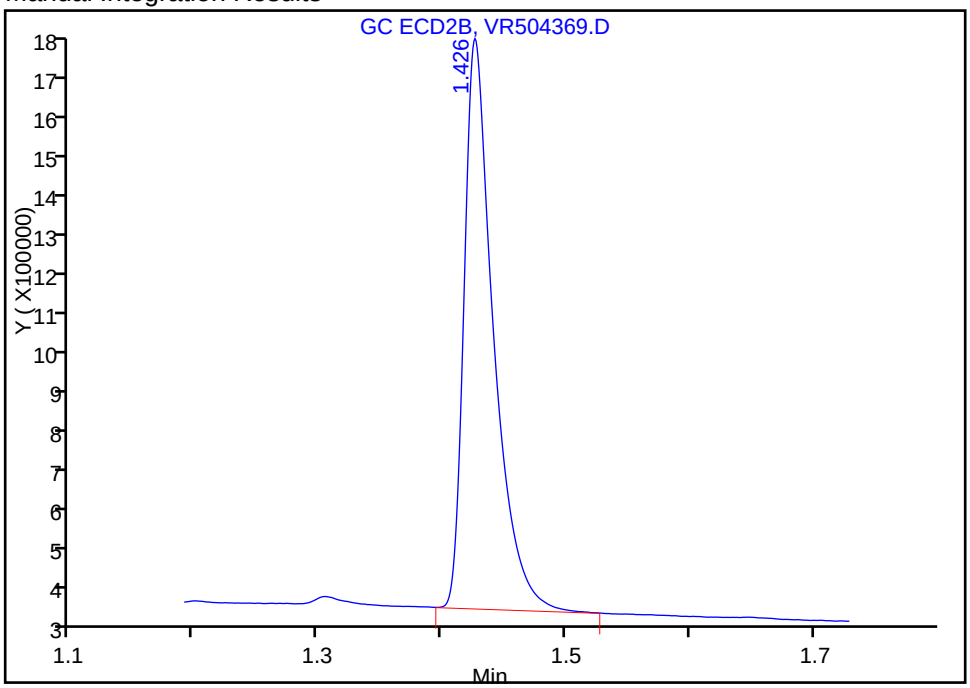
Processing Integration Results

RT: 1.43
Area: 2642772
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2188508
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 11:42:47
Audit Action: Manually Integrated
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334269/1-A

Matrix: Solid | Lab File ID: 8F008331.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 01:18

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.: 334446 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008331.D
Lims ID: MB 460-334269/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 01:18:04 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-036
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 01:47:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.690	1.689	0.001	3643069	20.0	20.0	
2	1.467	1.472	-0.005	2656375	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.683	2.682	0.001	9440434	50.0	54.2	
2	2.165	2.169	-0.004	6700204	50.0	50.2	
						RPD = 7.68	
$ 11 DCB Decachlorobiphenyl							
1	11.439	11.444	-0.005	8540937	50.0	51.8	
2	10.384	10.385	-0.001	7966014	50.0	57.3	
						RPD = 10.06	

Reagents:

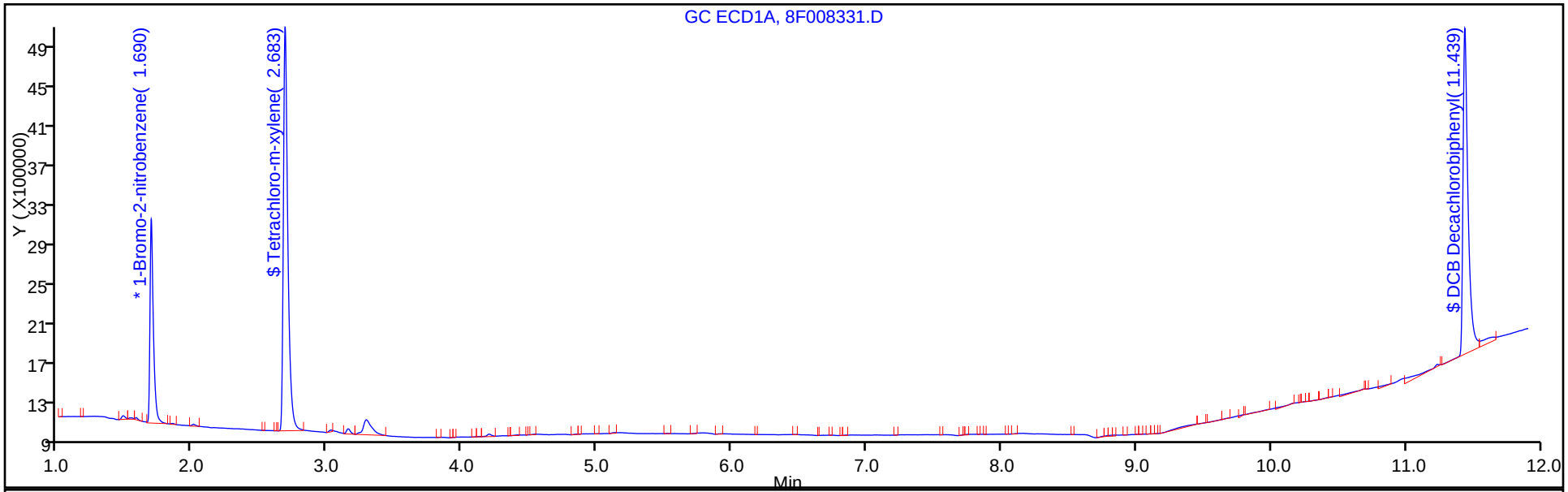
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

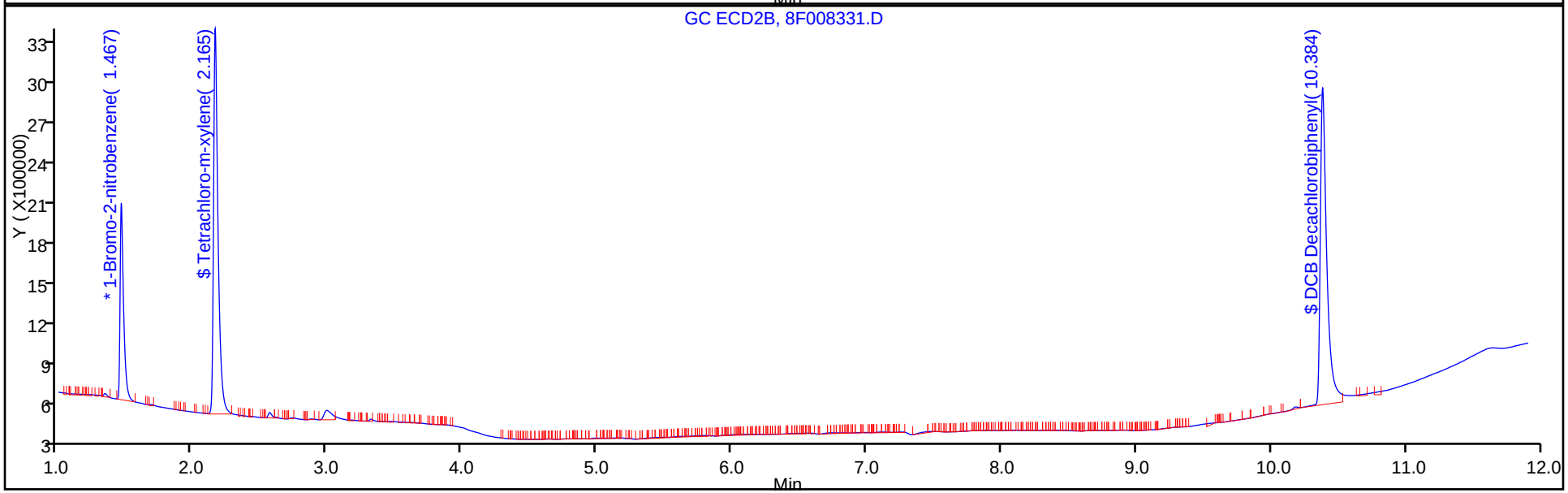
Report Date: 11-Nov-2015 13:12:35 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008331.D

Injection Date:	11-Nov-2015 01:18:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	MB 460-334269/1-A			Worklist Smp#:	36
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334269/1-A

Matrix: Solid | Lab File ID: 8F008331.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 01:18

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.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008331.D
Lims ID: MB 460-334269/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 01:18:04 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-036
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 11-Nov-2015 01:47:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.690	1.689	0.001	3643069	20.0	20.0	
2	1.467	1.472	-0.005	2656375	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.683	2.682	0.001	9440434	50.0	54.2	
2	2.165	2.169	-0.004	6700204	50.0	50.2	
						RPD = 7.68	
$ 11 DCB Decachlorobiphenyl							
1	11.439	11.444	-0.005	8540937	50.0	51.8	
2	10.384	10.385	-0.001	7966014	50.0	57.3	
						RPD = 10.06	

Reagents:

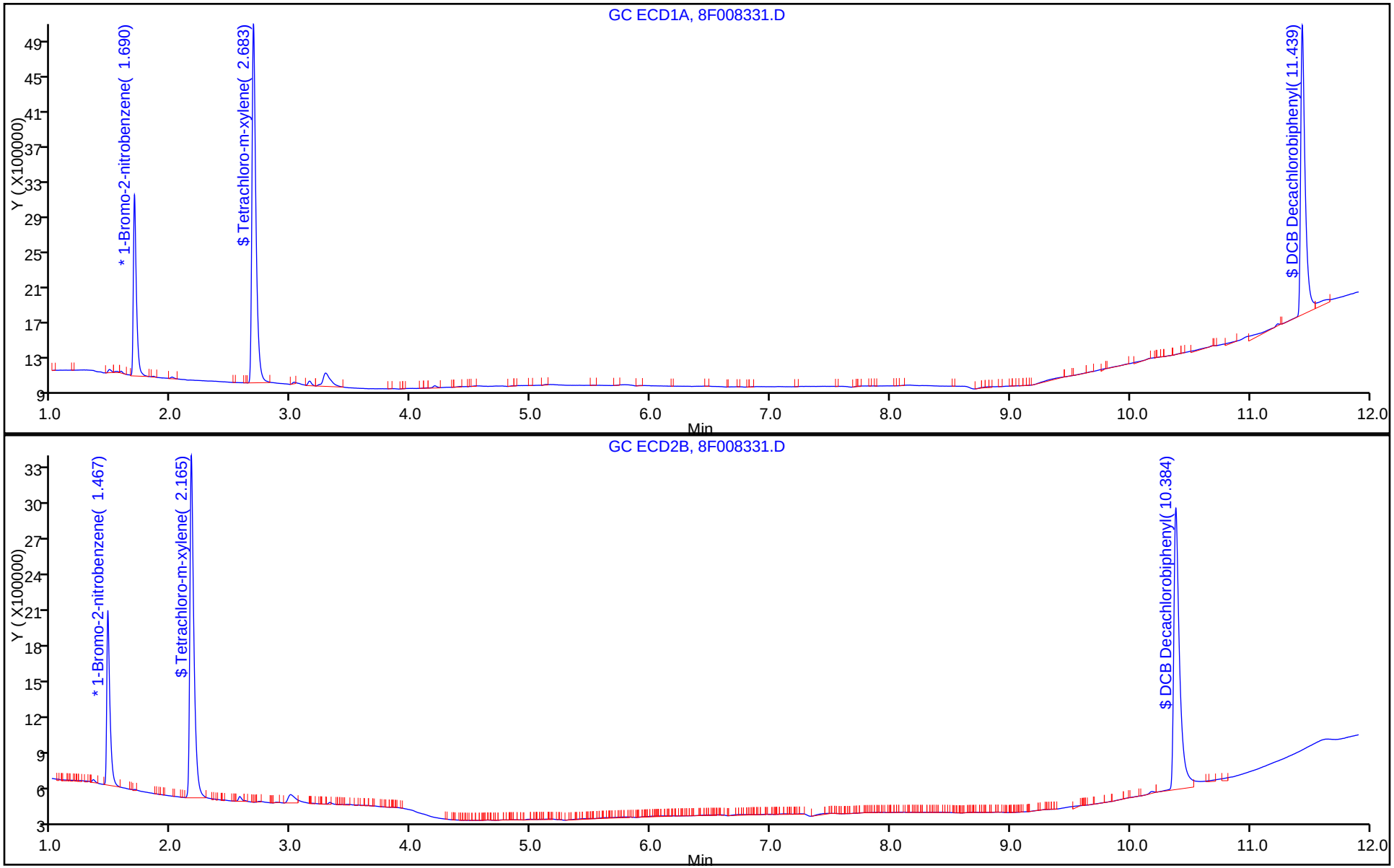
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:36 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008331.D

Injection Date:	11-Nov-2015 01:18:04	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	MB 460-334269/1-A			Worklist Smp#:	36
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	36
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334271/1-A

Matrix: Solid | Lab File ID: VR504412.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 17:34

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.: 334464 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D
Lims ID: MB 460-334271/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 17:34:00 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-002
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:05:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.646	1.646	0.000	1328772	20.0	20.0	
2	1.429	1.429	0.000	2468169	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.617	2.616	0.001	3394910	50.0	55.2	
2	2.111	2.110	0.001	5747796	50.0	48.0	M
						RPD = 13.99	
$ 11 DCB Decachlorobiphenyl							M
1	10.130	10.133	-0.003	3652001	50.0	61.8	
2	9.234	9.236	-0.002	6645936	50.0	52.6	M
						RPD = 16.11	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

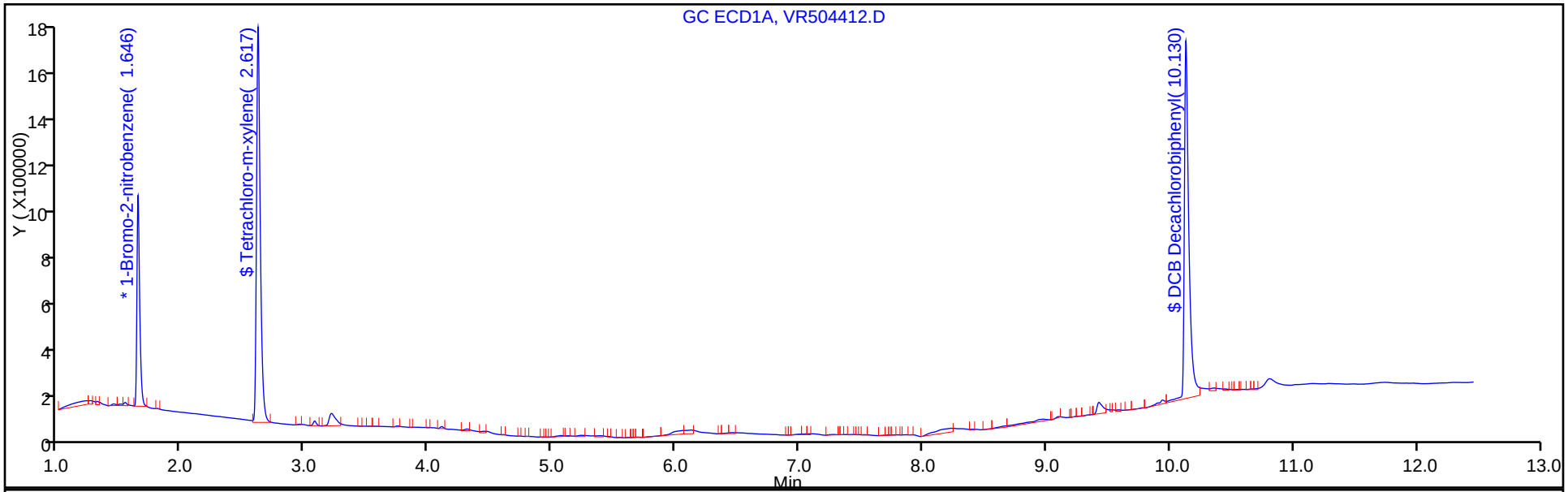
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

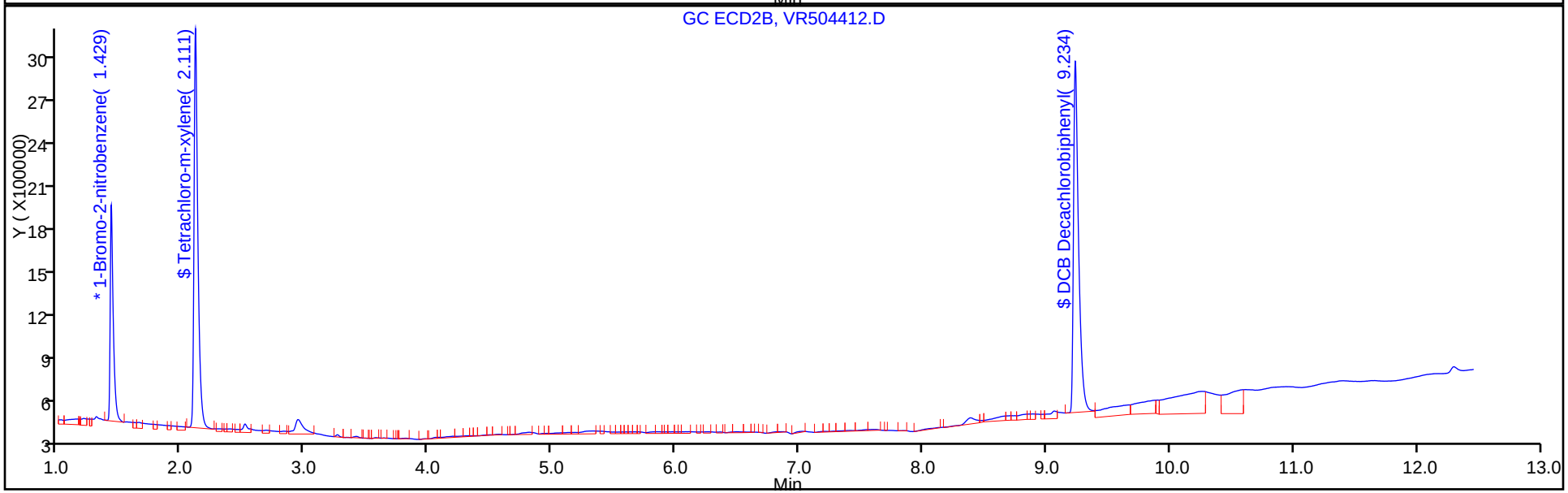
Report Date: 11-Nov-2015 13:14:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D

Injection Date:	10-Nov-2015 17:34:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334271/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334271/1-A

Matrix: Solid | Lab File ID: VR504412.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 17:34

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.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	8.9	U	67	8.9
11104-28-2	Aroclor 1221	8.9	U	67	8.9
11141-16-5	Aroclor 1232	8.9	U	67	8.9
53469-21-9	Aroclor 1242	8.9	U	67	8.9
12672-29-6	Aroclor 1248	8.9	U	67	8.9
11097-69-1	Aroclor 1254	9.2	U	67	9.2
11096-82-5	Aroclor 1260	9.2	U	67	9.2
37324-23-5	Aroclor 1262	9.2	U	67	9.2
11100-14-4	Aroclor 1268	9.2	U	67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D
Lims ID: MB 460-334271/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 17:34:00 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-002
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:05:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.646	1.646	0.000	1328772	20.0	20.0	
2	1.429	1.429	0.000	2468169	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.617	2.616	0.001	3394910	50.0	55.2	
2	2.111	2.110	0.001	5747796	50.0	48.0	M
						RPD = 13.99	
$ 11 DCB Decachlorobiphenyl							M
1	10.130	10.133	-0.003	3652001	50.0	61.8	
2	9.234	9.236	-0.002	6645936	50.0	52.6	M
						RPD = 16.11	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

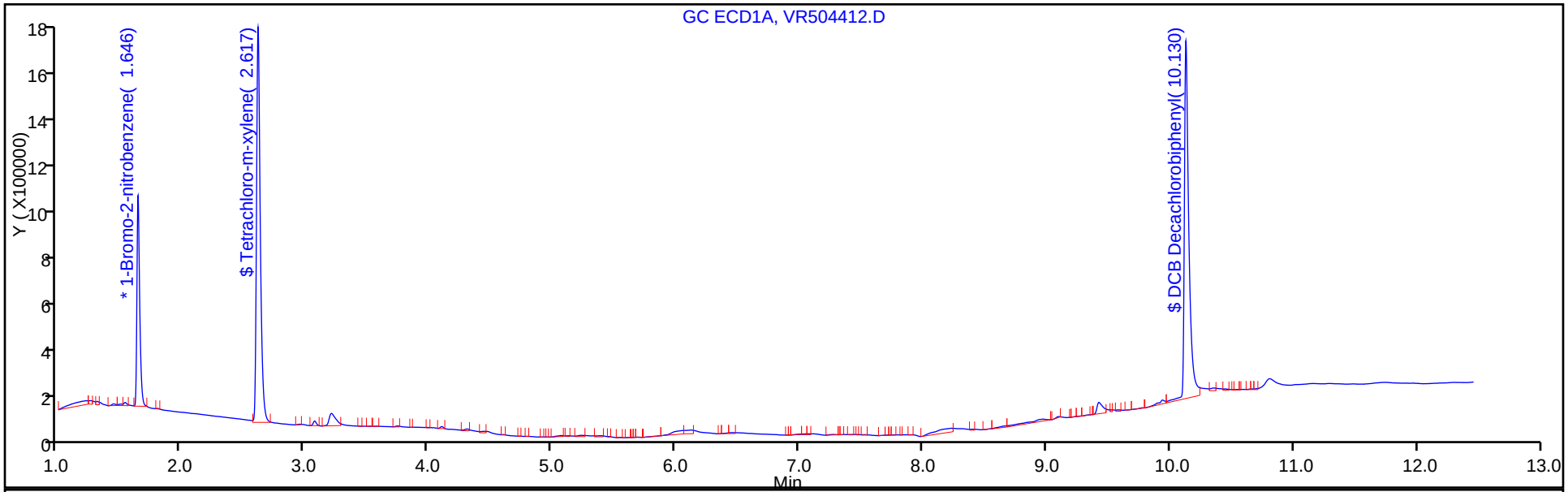
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

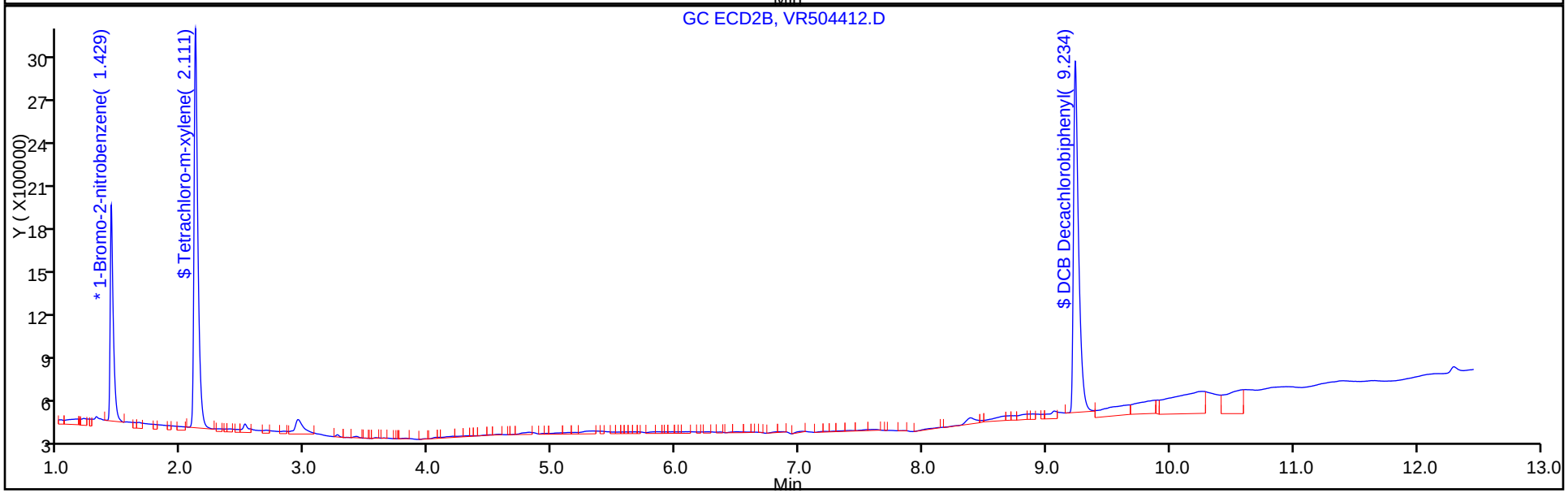
Report Date: 11-Nov-2015 13:14:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D

Injection Date:	10-Nov-2015 17:34:00	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	MB 460-334271/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Manual Integration/User Assign Peak Report

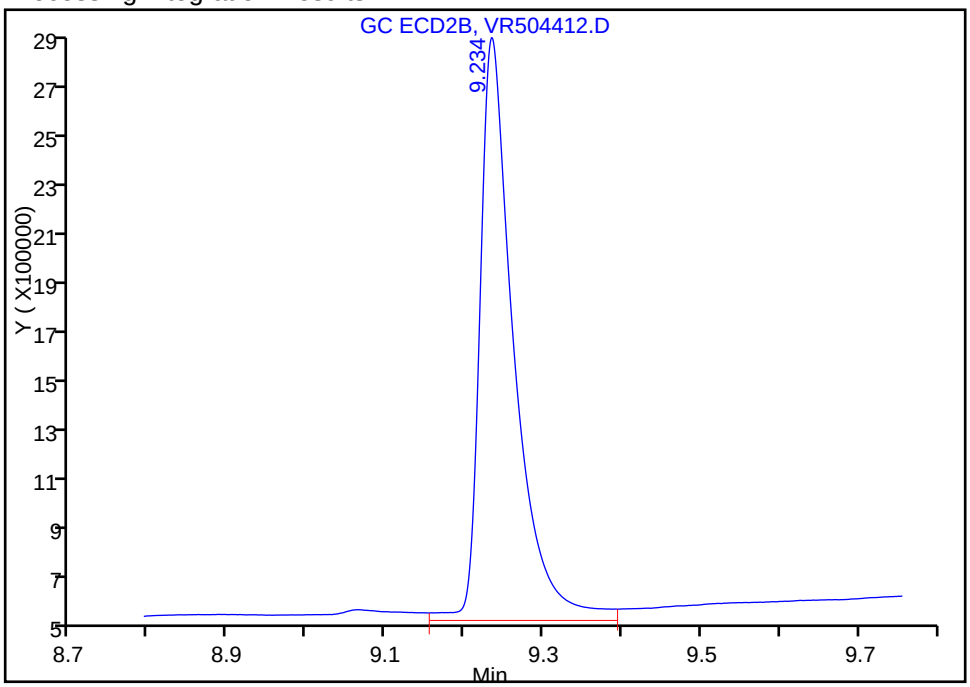
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D
Injection Date: 10-Nov-2015 17:34:00 Instrument ID: CPESTGC9
Lims ID: MB 460-334271/1-A
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

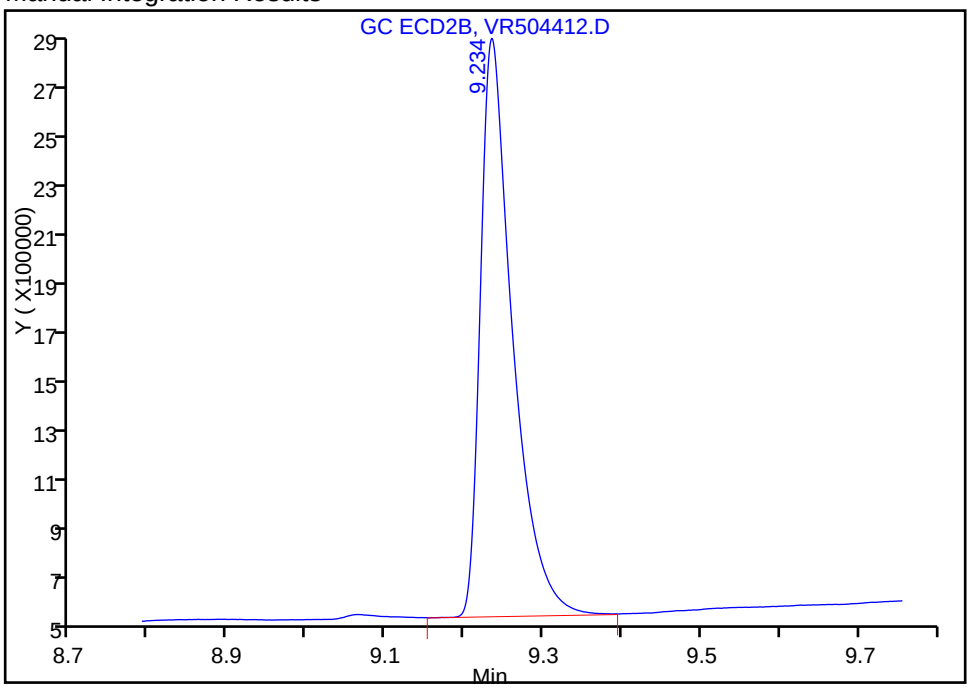
Processing Integration Results

RT: 9.23
Area: 7170502
Amount: 48.782792
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 6645936
Amount: 52.569695
Amount Units: ug/l



Reviewer: boykinc, 10-Nov-2015 22:05:08
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

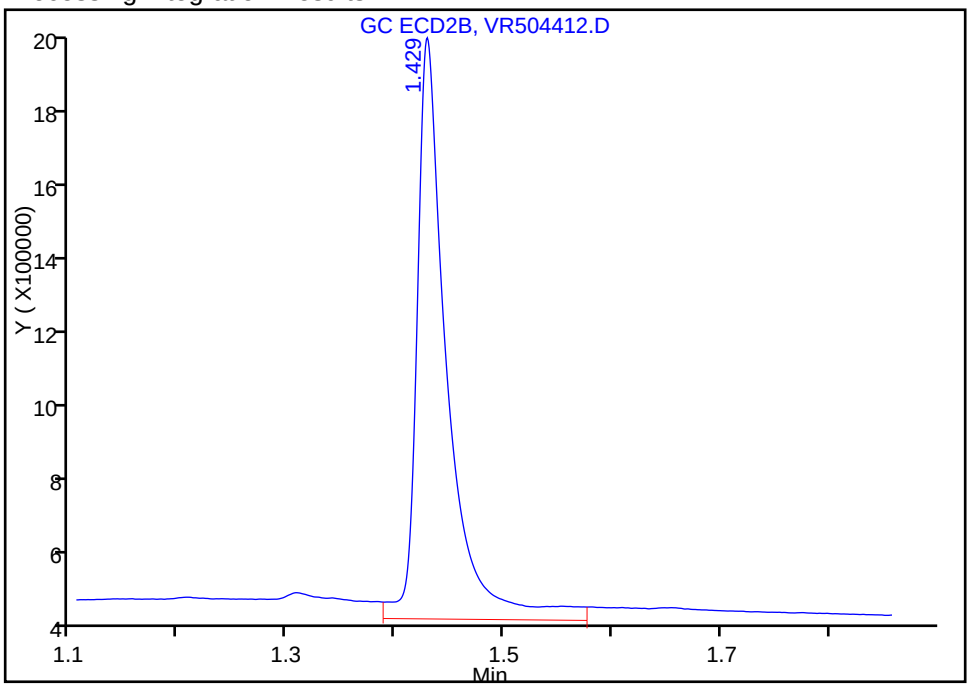
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504412.D
Injection Date: 10-Nov-2015 17:34:00 Instrument ID: CPESTGC9
Lims ID: MB 460-334271/1-A
Client ID:
Operator ID: 615 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

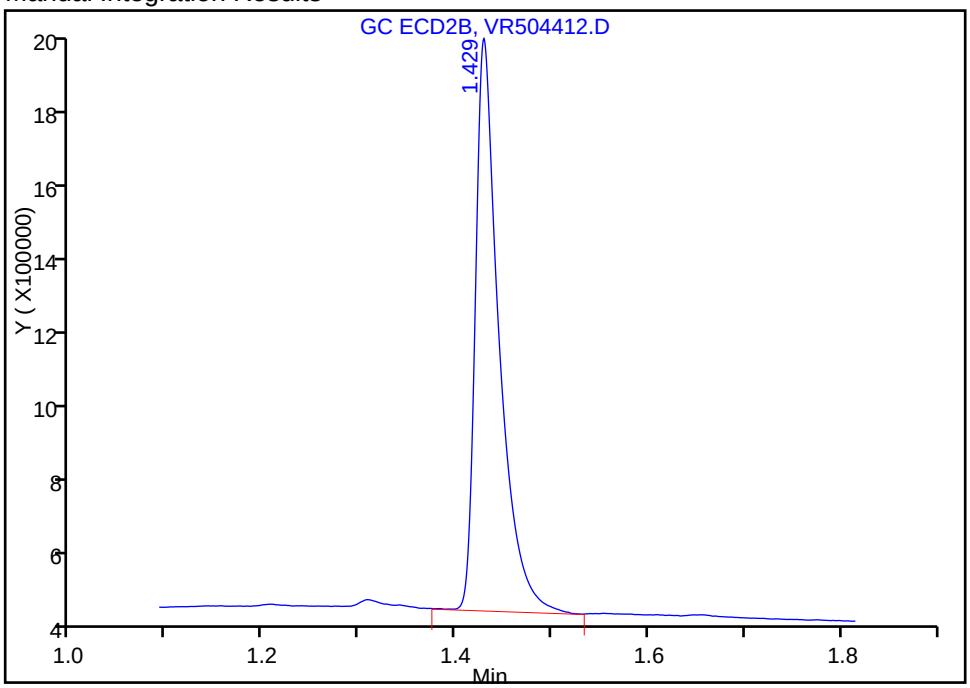
Processing Integration Results

RT: 1.43
Area: 2869704
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.43
Area: 2468169
Amount: 20.000000
Amount Units: ug/l



Reviewer: boykinc, 10-Nov-2015 22:05:08
Audit Action: Manually Integrated
Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333841/2-A

Matrix: Water | Lab File ID: 8F008207.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 17:00

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3.59		0.40	0.098
11096-82-5	*Aroclor 1260*	*3.40*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D
Lims ID: LCS 460-333841/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2015 17:00:19 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-004
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 14:05:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	3926485	20.0	20.0	
2	1.470	1.469	0.001	2669348	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.689	2.691	-0.002	16461588	100.0	87.8	
2	2.168	2.168	0.000	11395045	100.0	85.0	
						RPD = 3.18	
5 PCB-1016							M
1	0.000	3.322	-3.322	0	1000.0	0	
1	3.840	3.842	-0.002	8308035	1000.0	894.8	
1	4.412	4.414	-0.002	15220085	1000.0	900.2	M
1	5.178	5.180	-0.002	5020144	1000.0	870.5	M
1	5.337	5.340	-0.003	6369068	1000.0	928.0	M
		Average of Peak Amounts =				898.4	
2	2.564	2.564	0.000	3231787	1000.0	959.4	
2	0.000	2.960	-2.960	0	1000.0	0	
2	3.484	3.484	0.000	11508101	1000.0	876.8	
2	3.639	3.639	0.000	4471195	1000.0	832.7	
2	4.121	4.121	0.000	5053572	1000.0	851.9	
		Average of Peak Amounts =				880.2	
						RPD = 2.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.255	7.259	-0.004	10498375	1000.0	775.4	
1	7.731	7.736	-0.005	12762757	1000.0	805.1	
1	9.569	9.569	0.000	9512731	1000.0	1022.4	M
1	9.981	9.979	0.002	19449293	1000.0	876.9	M
1	11.019	11.006	0.013	4346026	1000.0	765.4	
		Average of Peak Amounts =				849.1	
2	5.603	5.604	-0.001	8495395	1000.0	853.5	M
2	7.120	7.121	-0.001	7928512	1000.0	938.4	M
2	7.794	7.794	0.000	19081539	1000.0	1013.8	M
2	8.459	8.459	0.000	8524366	1000.0	835.9	M
2	9.844	9.840	0.004	4672371	1000.0	1158.2	M
		Average of Peak Amounts =				959.9	
						RPD = 12.26	
$ 11 DCB Decachlorobiphenyl							
1	11.529	11.510	0.019	12762647	100.0	71.8	
2	10.420	10.413	0.007	11352595	100.0	81.3	
						RPD = 12.32	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

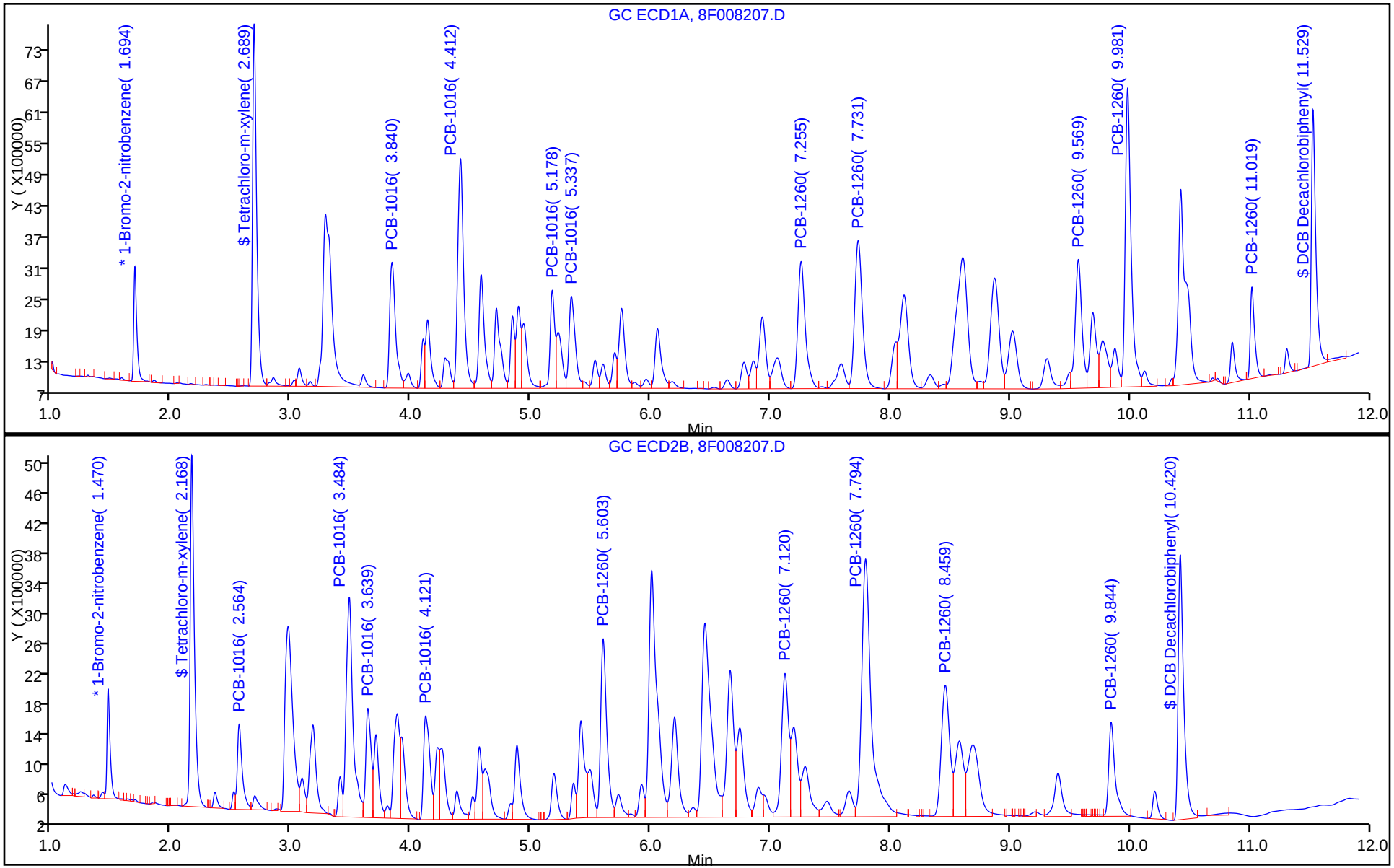
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 14:08:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D

Injection Date:	08-Nov-2015 17:00:19	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCS 460-333841/2-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



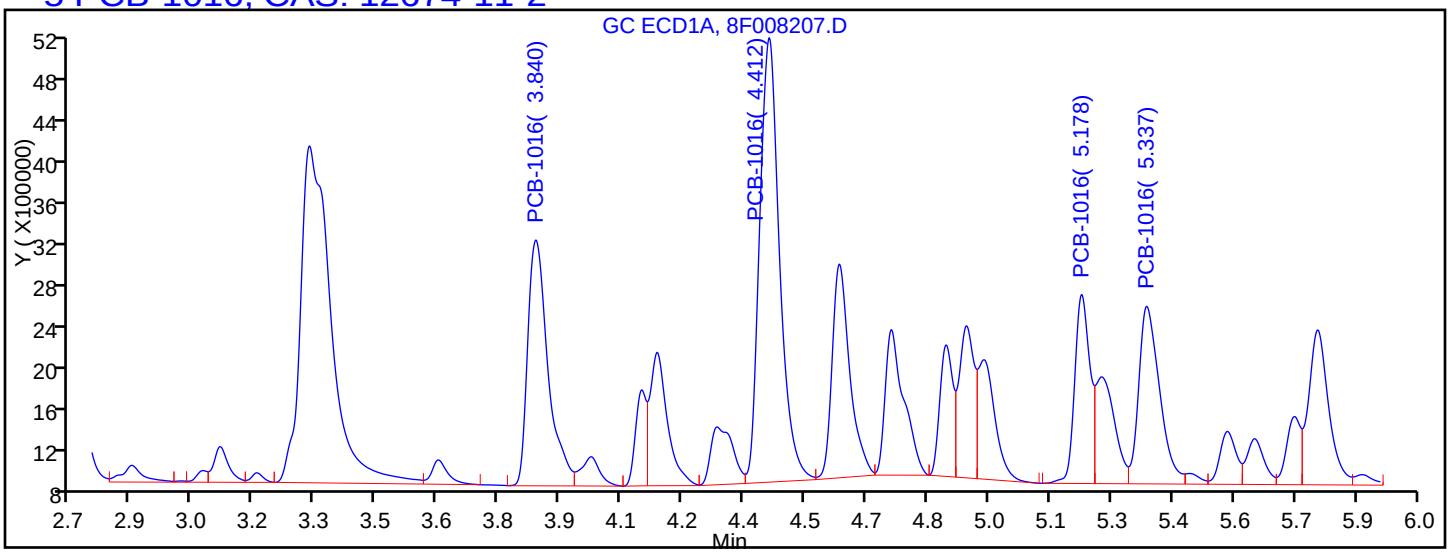
Report Date: 10-Nov-2015 14:08:25 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D

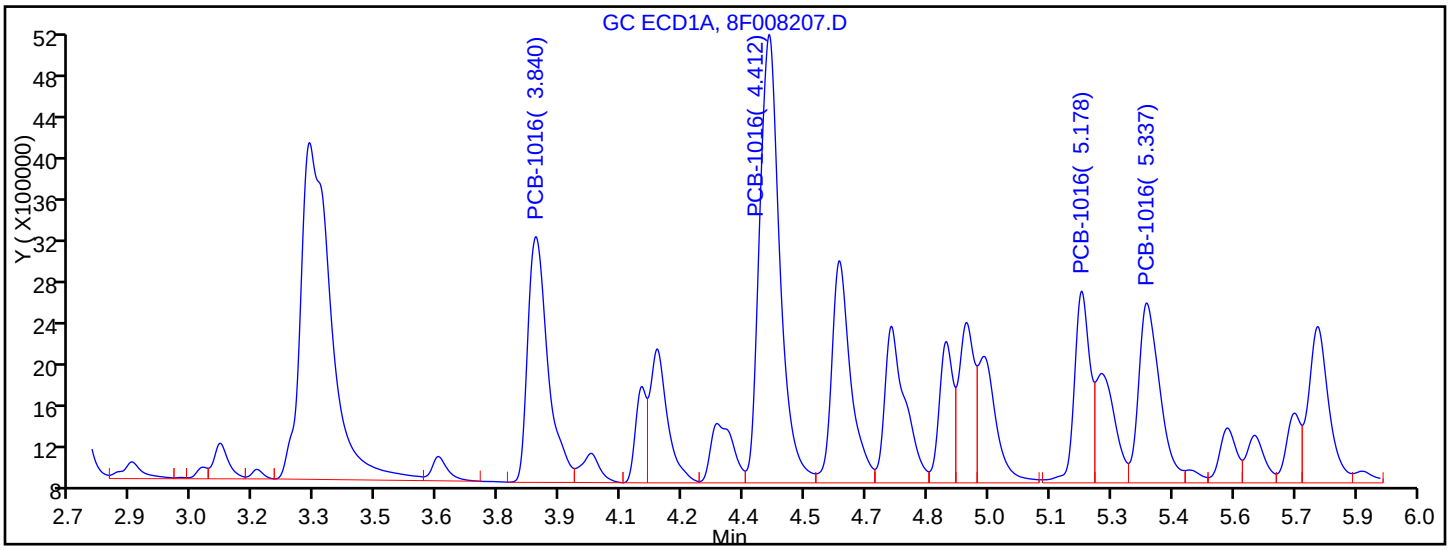
Injection Date:	08-Nov-2015 17:00:19	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-333841/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.285	Response = 17064594	
RT = 3.840	Response = 8308035	
RT = 4.412	Response = 14739436	M
RT = 5.178	Response = 4805538	M
RT = 5.337	Response = 6176099	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.840	Response = 8308035	
RT = 4.412	Response = 15220085	M
RT = 5.178	Response = 5020144	M
RT = 5.337	Response = 6369068	M

Reviewer: patelji, 10-Nov-2015 14:05:39

Audit Action: Assigned New Baseline

Audit Reason: Instrument noise

Report Date: 10-Nov-2015 14:08:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D

Injection Date: 08-Nov-2015 17:00:19 Instrument ID: CPESTGC8

Lims ID: LCS 460-333841/2-A

Client ID:

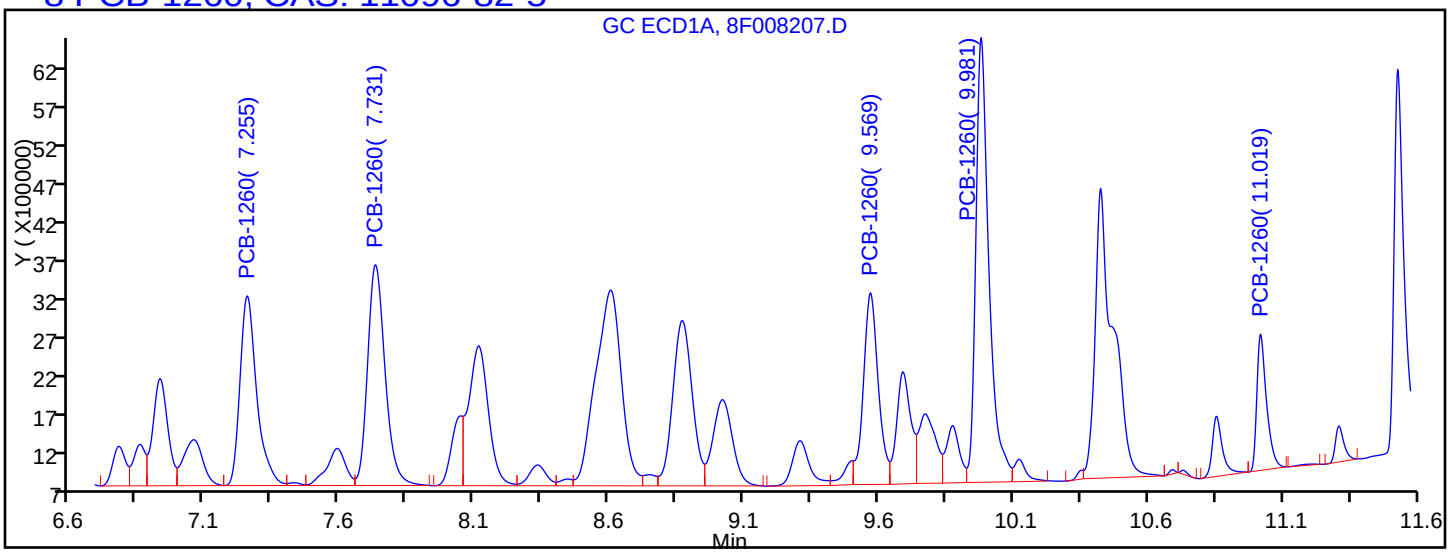
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082ISTD Limit Group: GC 8082A PCB ISTD

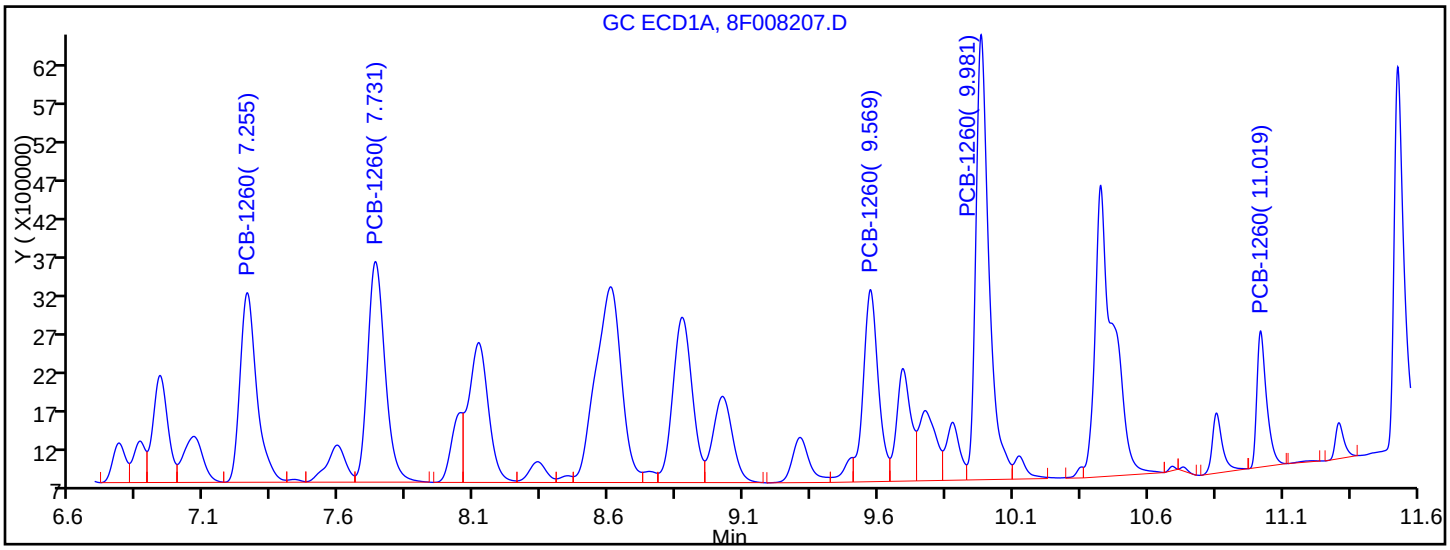
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.255	Response = 10498375	
RT = 7.731	Response = 12762757	
RT = 9.569	Response = 9456496	M
RT = 9.981	Response = 19354973	M
RT = 11.019	Response = 4346026	



Manual Integration Results

RT = 7.255	Response = 10498375	
RT = 7.731	Response = 12762757	
RT = 9.569	Response = 9512731	M
RT = 9.981	Response = 19449293	M
RT = 11.019	Response = 4346026	

Reviewer: patelji, 10-Nov-2015 14:05:39

Audit Action: Assigned New Baseline

Audit Reason: Instrument noise

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-333841/2-A

Matrix: Water | Lab File ID: 8F008207.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 17:00

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.52*		*0.40*	*0.098*
11096-82-5	Aroclor 1260	3.84		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D
Lims ID: LCS 460-333841/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Nov-2015 17:00:19 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-004
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 14:05:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.694	1.694	0.000	3926485	20.0	20.0	
2	1.470	1.469	0.001	2669348	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.689	2.691	-0.002	16461588	100.0	87.8	
2	2.168	2.168	0.000	11395045	100.0	85.0	
						RPD = 3.18	
5 PCB-1016							M
1	0.000	3.322	-3.322	0	1000.0	0	
1	3.840	3.842	-0.002	8308035	1000.0	894.8	
1	4.412	4.414	-0.002	15220085	1000.0	900.2	M
1	5.178	5.180	-0.002	5020144	1000.0	870.5	M
1	5.337	5.340	-0.003	6369068	1000.0	928.0	M
		Average of Peak Amounts =				898.4	
2	2.564	2.564	0.000	3231787	1000.0	959.4	
2	0.000	2.960	-2.960	0	1000.0	0	
2	3.484	3.484	0.000	11508101	1000.0	876.8	
2	3.639	3.639	0.000	4471195	1000.0	832.7	
2	4.121	4.121	0.000	5053572	1000.0	851.9	
		Average of Peak Amounts =				880.2	
						RPD = 2.04	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.255	7.259	-0.004	10498375	1000.0	775.4	
1	7.731	7.736	-0.005	12762757	1000.0	805.1	
1	9.569	9.569	0.000	9512731	1000.0	1022.4	M
1	9.981	9.979	0.002	19449293	1000.0	876.9	M
1	11.019	11.006	0.013	4346026	1000.0	765.4	
		Average of Peak Amounts =				849.1	
2	5.603	5.604	-0.001	8495395	1000.0	853.5	M
2	7.120	7.121	-0.001	7928512	1000.0	938.4	M
2	7.794	7.794	0.000	19081539	1000.0	1013.8	M
2	8.459	8.459	0.000	8524366	1000.0	835.9	M
2	9.844	9.840	0.004	4672371	1000.0	1158.2	M
		Average of Peak Amounts =				959.9	
						RPD = 12.26	
$ 11 DCB Decachlorobiphenyl							
1	11.529	11.510	0.019	12762647	100.0	71.8	
2	10.420	10.413	0.007	11352595	100.0	81.3	
						RPD = 12.32	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

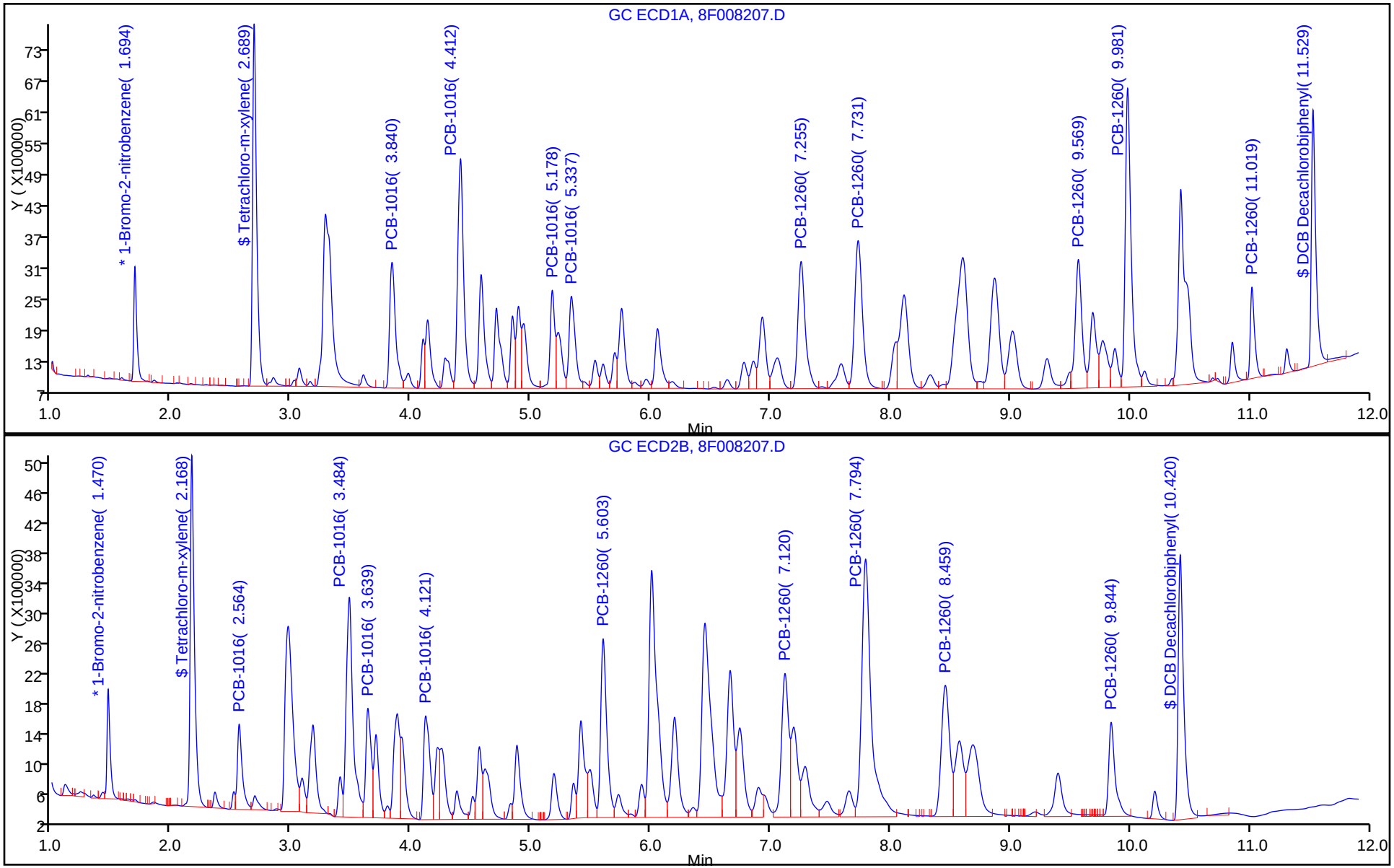
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 14:08:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D

Injection Date:	08-Nov-2015 17:00:19	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCS 460-333841/2-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



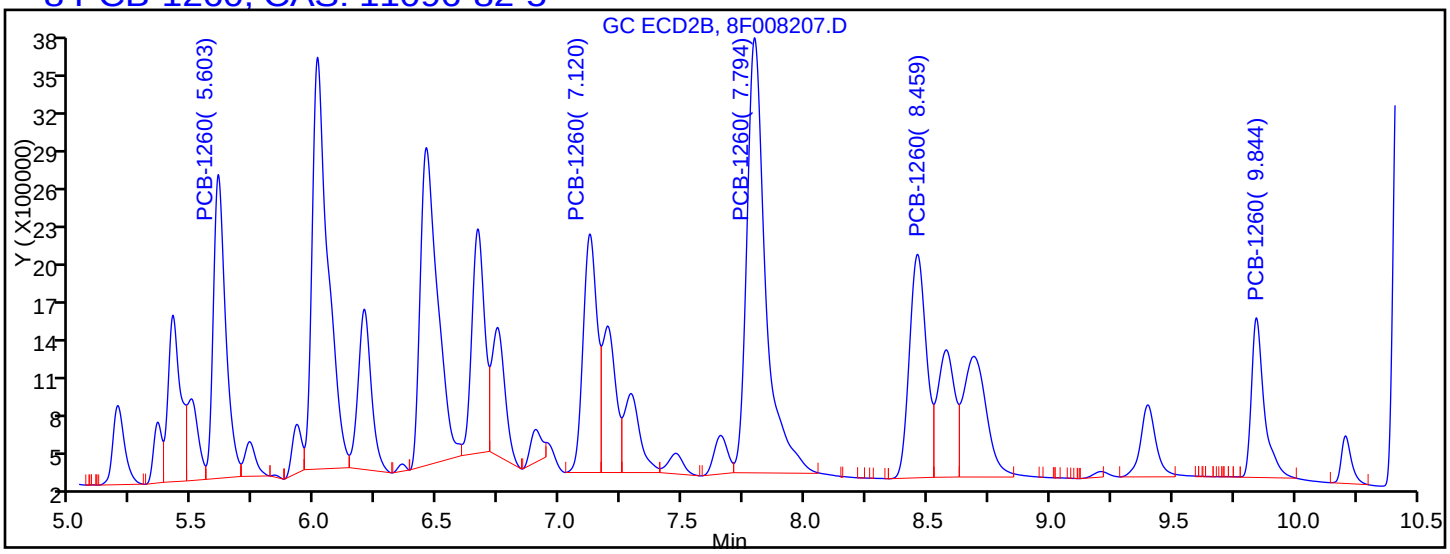
Report Date: 10-Nov-2015 14:08:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008207.D

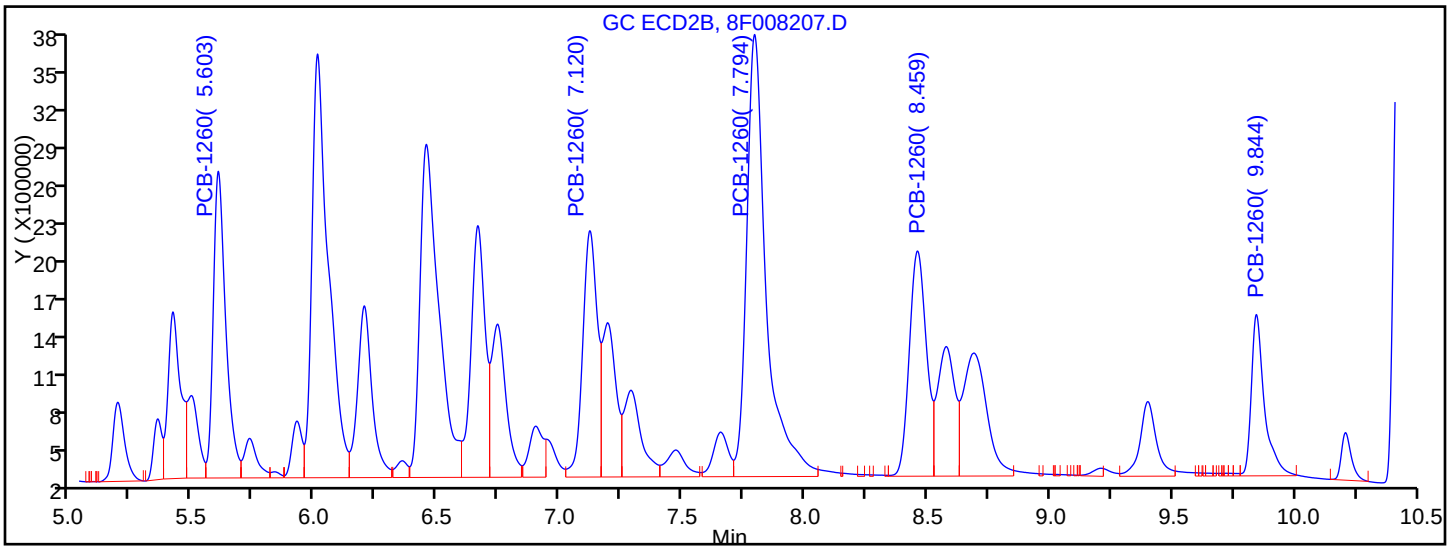
Injection Date:	08-Nov-2015 17:00:19	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-333841/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.603	Response = 8271607	M
RT = 7.120	Response = 7400578	M
RT = 7.794	Response = 17989573	M
RT = 8.459	Response = 8397083	M
RT = 9.844	Response = 4521540	M



Manual Integration Results

RT = 5.603	Response = 8495395	M
RT = 7.120	Response = 7928512	M
RT = 7.794	Response = 19081539	M
RT = 8.459	Response = 8524366	M
RT = 9.844	Response = 4672371	M

Reviewer: patelji, 10-Nov-2015 14:05:39

Audit Action: Assigned New Baseline

Audit Reason: Instrument noise

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334079/2-A

Matrix: Solid | Lab File ID: VR504370.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/09/2015 22:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*307*		*67*	*8.9*
11096-82-5	*Aroclor 1260*	*333*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D
Lims ID: LCS 460-334079/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Nov-2015 22:46:01 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034000-005
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 11:43:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.648	-0.004	1697201	20.0	20.0	
2	1.430	1.429	0.001	2533482	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.615	2.622	-0.007	3630373	50.0	46.2	
2	2.112	2.112	0.000	6689213	50.0	54.4	
						RPD = 16.27	
5 PCB-1016							
1	3.233	3.241	-0.008	952949	500.0	459.9	
1	3.746	3.754	-0.008	2146746	500.0	491.0	
1	4.311	4.319	-0.008	3460756	500.0	460.4	
1	5.070	5.078	-0.008	1084403	500.0	454.8	
1	5.221	5.229	-0.008	1199996	500.0	438.1	
		Average of Peak Amounts =				460.9	
2	2.505	2.505	0.000	1750955	500.0	531.4	
2	2.897	2.898	-0.001	3274082	500.0	507.1	
2	3.417	3.419	-0.002	6338104	500.0	526.7	
2	3.571	3.573	-0.002	2508166	500.0	557.3	
2	4.052	4.054	-0.002	2670396	500.0	550.0	
		Average of Peak Amounts =				534.5	
						RPD = 14.80	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.863	6.872	-0.009	2666947	500.0	502.1	
1	7.240	7.249	-0.009	2965894	500.0	486.1	
1	8.540	8.545	-0.005	1770381	500.0	471.4	
1	8.831	8.839	-0.008	3771052	500.0	488.6	
1	9.665	9.680	-0.015	1120421	500.0	549.3	
		Average of Peak Amounts =				499.5	
2	5.502	5.505	-0.003	4396317	500.0	560.1	
2	6.789	6.793	-0.004	3827598	500.0	600.8	
2	7.322	7.326	-0.004	9099803	500.0	614.8	
2	7.862	7.866	-0.004	4146933	500.0	575.3	
2	8.769	8.774	-0.005	2374600	500.0	636.2	M
		Average of Peak Amounts =				597.4	
						RPD = 17.86	
$ 11 DCB Decachlorobiphenyl							M
1	10.096	10.115	-0.019	3789518	50.0	50.2	
2	9.221	9.228	-0.007	7342496	50.0	56.6	M
						RPD = 11.97	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

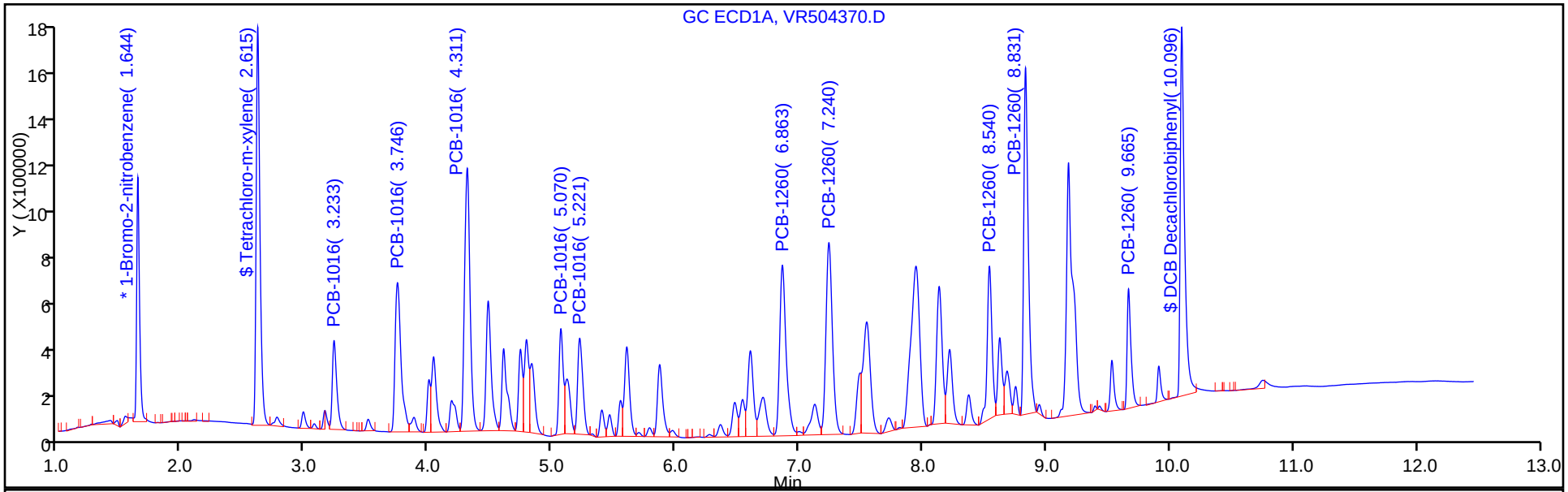
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

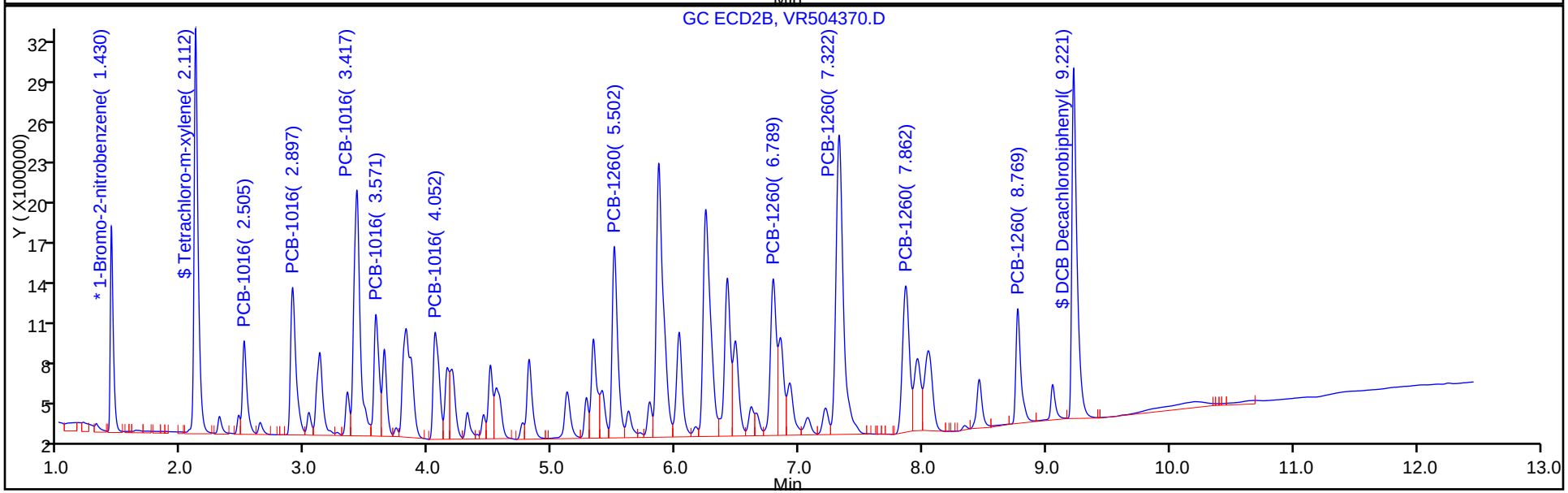
Report Date: 10-Nov-2015 12:01:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D

Injection Date:	09-Nov-2015 22:46:01	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334079/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334079/2-A

Matrix: Solid | Lab File ID: VR504370.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/09/2015 22:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334219 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	356		67	8.9
11096-82-5	Aroclor 1260	398		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D
Lims ID: LCS 460-334079/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Nov-2015 22:46:01 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034000-005
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 12:00:53 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 10-Nov-2015 11:43:04

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.644	1.648	-0.004	1697201	20.0	20.0	
2	1.430	1.429	0.001	2533482	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.615	2.622	-0.007	3630373	50.0	46.2	
2	2.112	2.112	0.000	6689213	50.0	54.4	
						RPD = 16.27	
5 PCB-1016							
1	3.233	3.241	-0.008	952949	500.0	459.9	
1	3.746	3.754	-0.008	2146746	500.0	491.0	
1	4.311	4.319	-0.008	3460756	500.0	460.4	
1	5.070	5.078	-0.008	1084403	500.0	454.8	
1	5.221	5.229	-0.008	1199996	500.0	438.1	
		Average of Peak Amounts =				460.9	
2	2.505	2.505	0.000	1750955	500.0	531.4	
2	2.897	2.898	-0.001	3274082	500.0	507.1	
2	3.417	3.419	-0.002	6338104	500.0	526.7	
2	3.571	3.573	-0.002	2508166	500.0	557.3	
2	4.052	4.054	-0.002	2670396	500.0	550.0	
		Average of Peak Amounts =				534.5	
						RPD = 14.80	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.863	6.872	-0.009	2666947	500.0	502.1	
1	7.240	7.249	-0.009	2965894	500.0	486.1	
1	8.540	8.545	-0.005	1770381	500.0	471.4	
1	8.831	8.839	-0.008	3771052	500.0	488.6	
1	9.665	9.680	-0.015	1120421	500.0	549.3	
		Average of Peak Amounts =				499.5	
2	5.502	5.505	-0.003	4396317	500.0	560.1	
2	6.789	6.793	-0.004	3827598	500.0	600.8	
2	7.322	7.326	-0.004	9099803	500.0	614.8	
2	7.862	7.866	-0.004	4146933	500.0	575.3	
2	8.769	8.774	-0.005	2374600	500.0	636.2	M
		Average of Peak Amounts =				597.4	
						RPD = 17.86	
$ 11 DCB Decachlorobiphenyl							M
1	10.096	10.115	-0.019	3789518	50.0	50.2	
2	9.221	9.228	-0.007	7342496	50.0	56.6	M
						RPD = 11.97	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

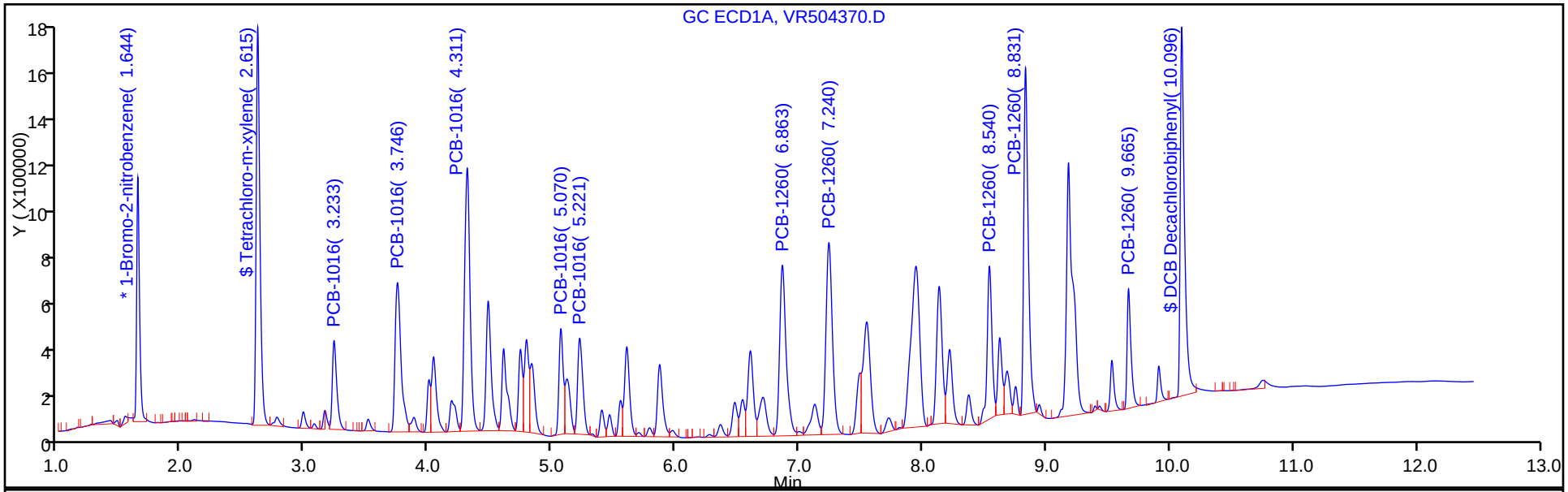
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

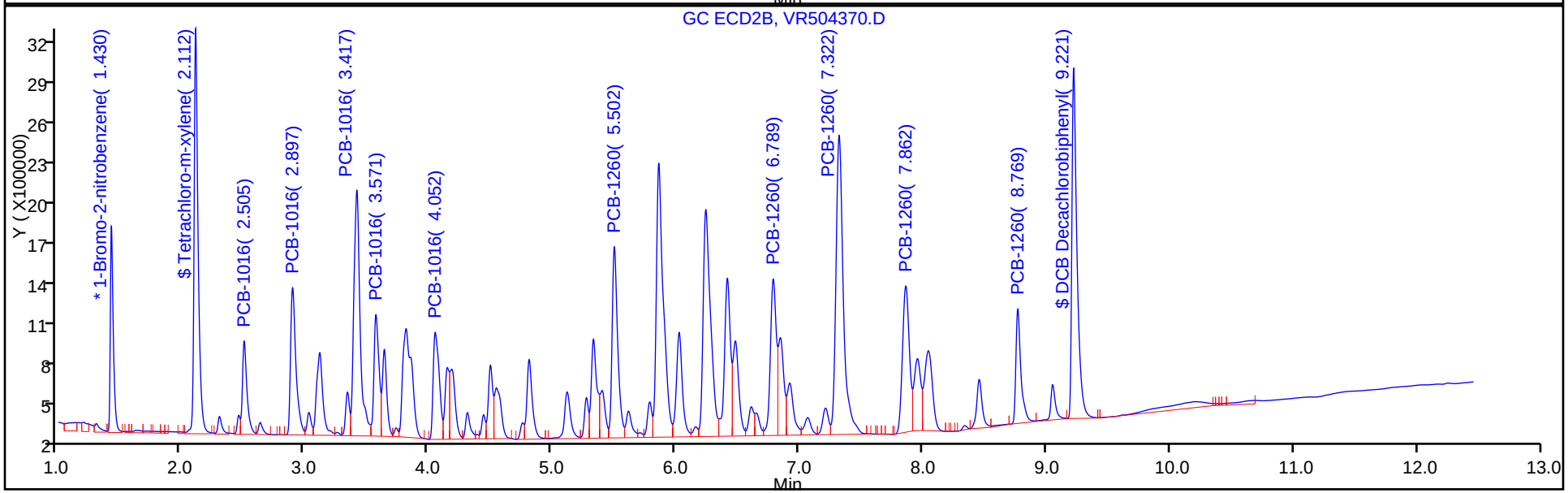
Report Date: 10-Nov-2015 12:01:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D

Injection Date:	09-Nov-2015 22:46:01	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334079/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





Report Date: 10-Nov-2015 12:01:06 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D

Injection Date: 09-Nov-2015 22:46:01 Instrument ID: CPESTGC9

Lims ID: LCS 460-334079/2-A

Client ID:

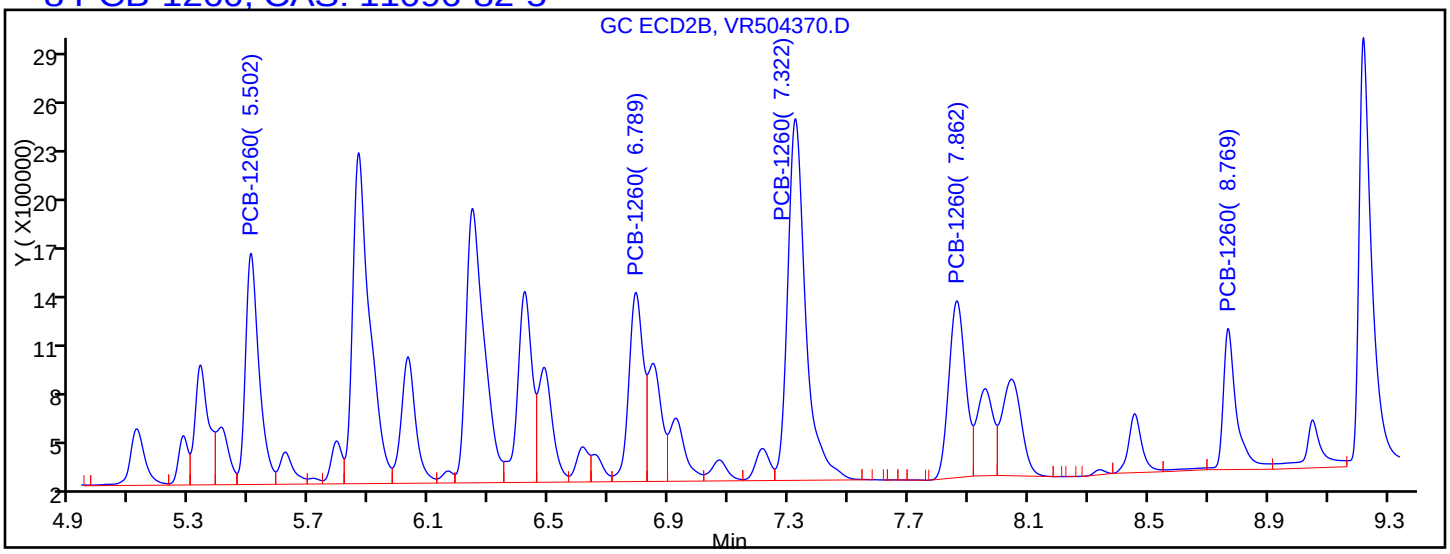
Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD

Column: Detector GC ECD2B

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

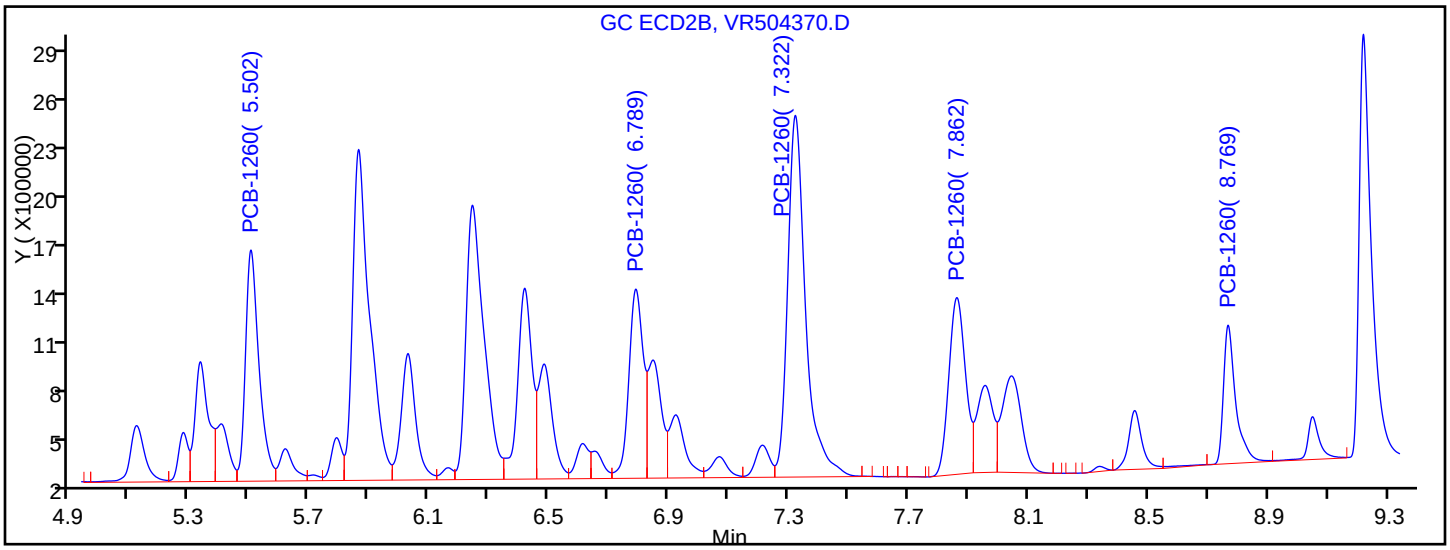
RT = 5.502 Response = 4396317

RT = 6.789 Response = 3827598

RT = 7.322 Response = 9099803

RT = 7.862 Response = 4146933

RT = 8.769 Response = 2620282 M



Manual Integration Results

RT = 5.502 Response = 4396317

RT = 6.789 Response = 3827598

RT = 7.322 Response = 9099803

RT = 7.862 Response = 4146933

RT = 8.769 Response = 2374600 M

Reviewer: patelji, 10-Nov-2015 11:43:04

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

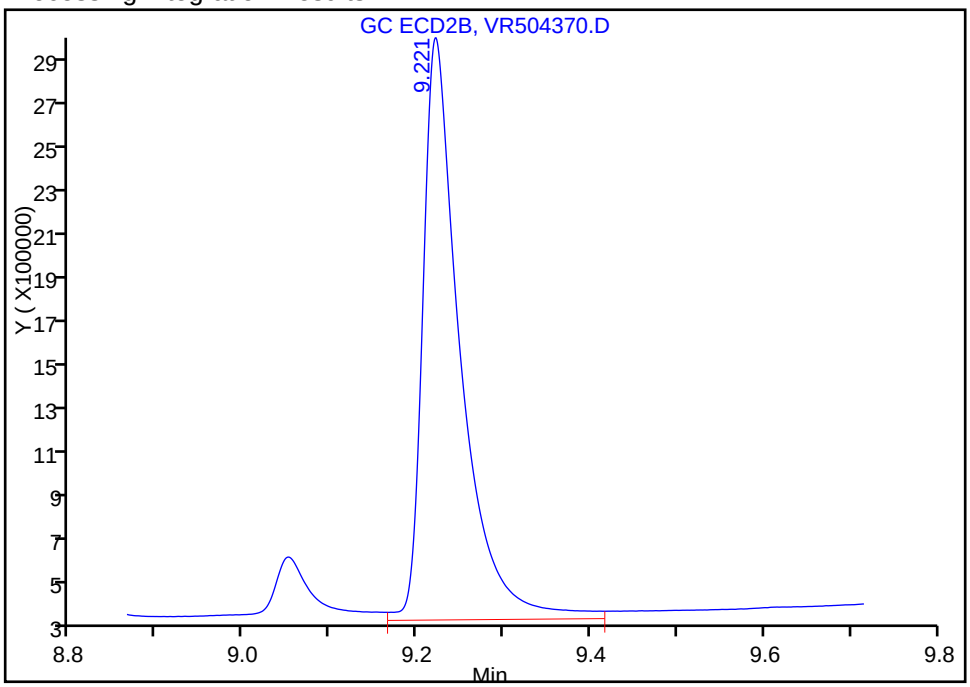
TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CPESTGC9\20151109-34020.b\VR504370.D				
Injection Date:	09-Nov-2015 22:46:01	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334079/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

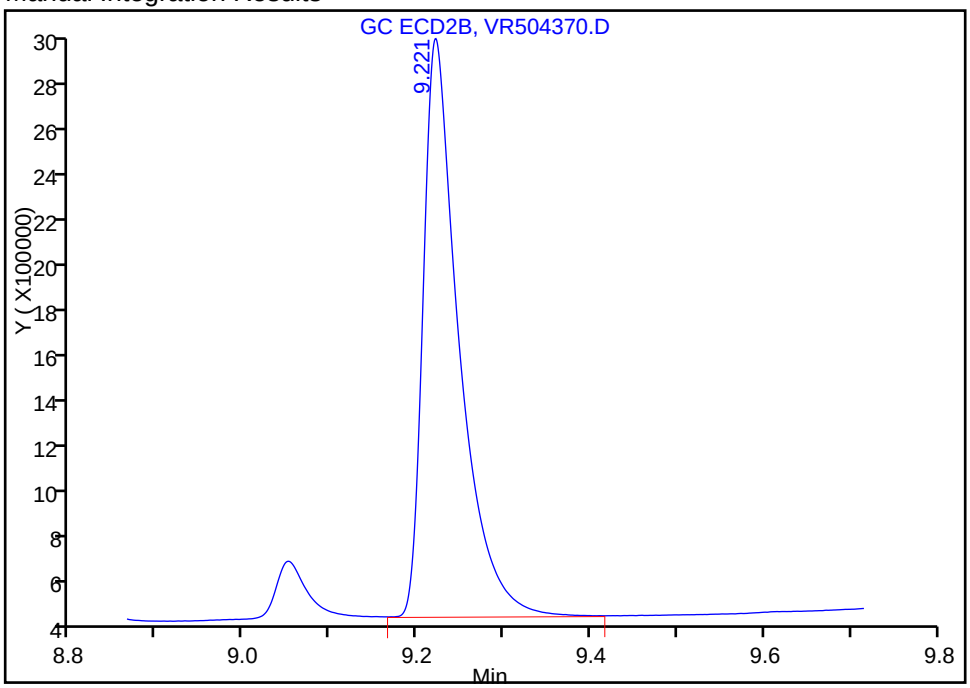
Processing Integration Results

RT: 9.22
Area: 7809844
Amount: 60.183679
Amount Units: ug/l



Manual Integration Results

RT: 9.22
Area: 7342496
Amount: 56.582234
Amount Units: ug/l



Reviewer: patelji, 10-Nov-2015 11:43:04
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334269/2-A

Matrix: Solid | Lab File ID: 8F008332.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 01:33

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.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*278*		*67*	*8.9*
11096-82-5	Aroclor 1260	263		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D
Lims ID: LCS 460-334269/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 01:33:45 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-037
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 11:20:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3614985	20.0	20.0	
2	1.471	1.472	-0.001	2497455	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.682	2.682	0.000	8778379	50.0	50.8	
2	2.169	2.169	0.000	5967277	50.0	47.6	M
						RPD = 6.60	
5 PCB-1016							M
1	3.311	3.313	-0.002	2271185	500.0	569.1	
1	3.832	3.833	-0.001	3360579	500.0	393.2	
1	4.403	4.406	-0.003	5993304	500.0	385.0	M
1	5.169	5.171	-0.002	1910415	500.0	359.8	M
1	5.327	5.330	-0.003	2382973	500.0	377.1	M
		Average of Peak Amounts =				416.8	
2	2.565	2.561	0.004	1319995	500.0	418.8	M
2	2.961	2.957	0.004	3025108	500.0	475.8	M
2	3.485	3.481	0.004	5495557	500.0	447.5	M
2	3.639	3.636	0.003	2257727	500.0	449.4	M
2	4.121	4.118	0.003	1843643	500.0	332.2	M
		Average of Peak Amounts =				424.7	
						RPD = 1.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.239	7.241	-0.002	4533568	500.0	363.7	M
1	7.715	7.717	-0.002	5465830	500.0	374.5	M
1	9.552	9.557	-0.005	3499285	500.0	408.5	M
1	9.955	9.969	-0.014	8334364	500.0	408.2	M
1	10.948	11.001	-0.053	2188498	500.0	418.6	M
		Average of Peak Amounts =				394.7	
2	5.601	5.599	0.002	3326893	500.0	357.2	M
2	7.116	7.113	0.003	3078423	500.0	389.4	M
2	7.789	7.786	0.003	7474606	500.0	424.5	M
2	8.454	8.451	0.003	3245361	500.0	340.2	M
2	9.827	9.836	-0.009	1661142	500.0	440.1	M
		Average of Peak Amounts =				390.3	
						RPD = 1.13	
$ 11 DCB Decachlorobiphenyl							
1	11.430	11.444	-0.014	7814900	50.0	47.8	
2	10.381	10.385	-0.004	7432115	50.0	56.9	
						RPD = 17.37	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

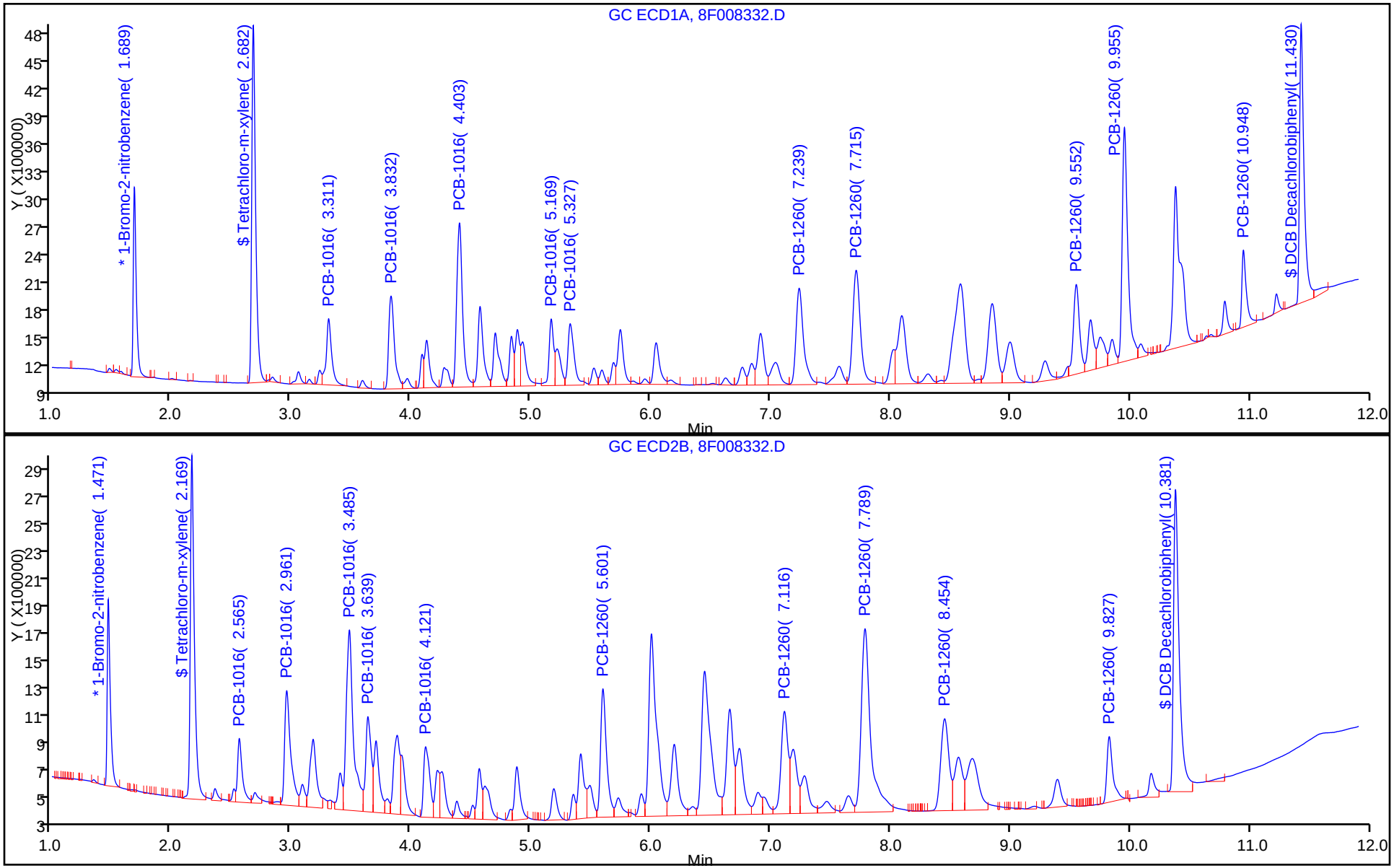
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:37 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCS 460-334269/2-A			Worklist Smp#:	37
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



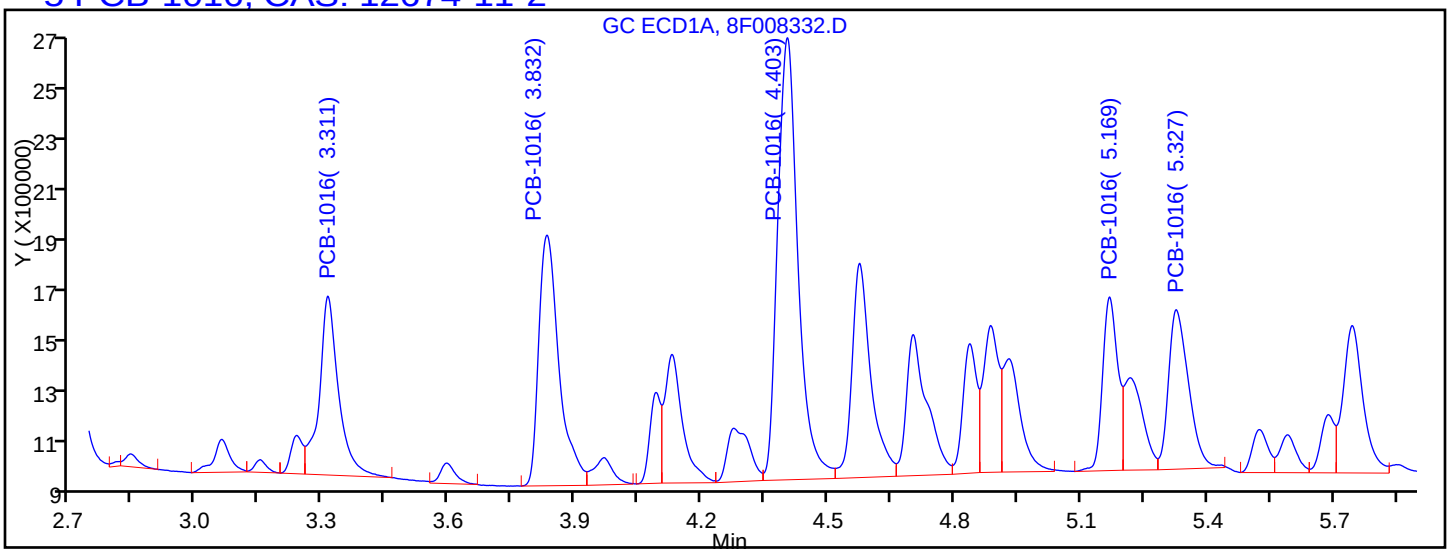
Report Date: 11-Nov-2015 13:12:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

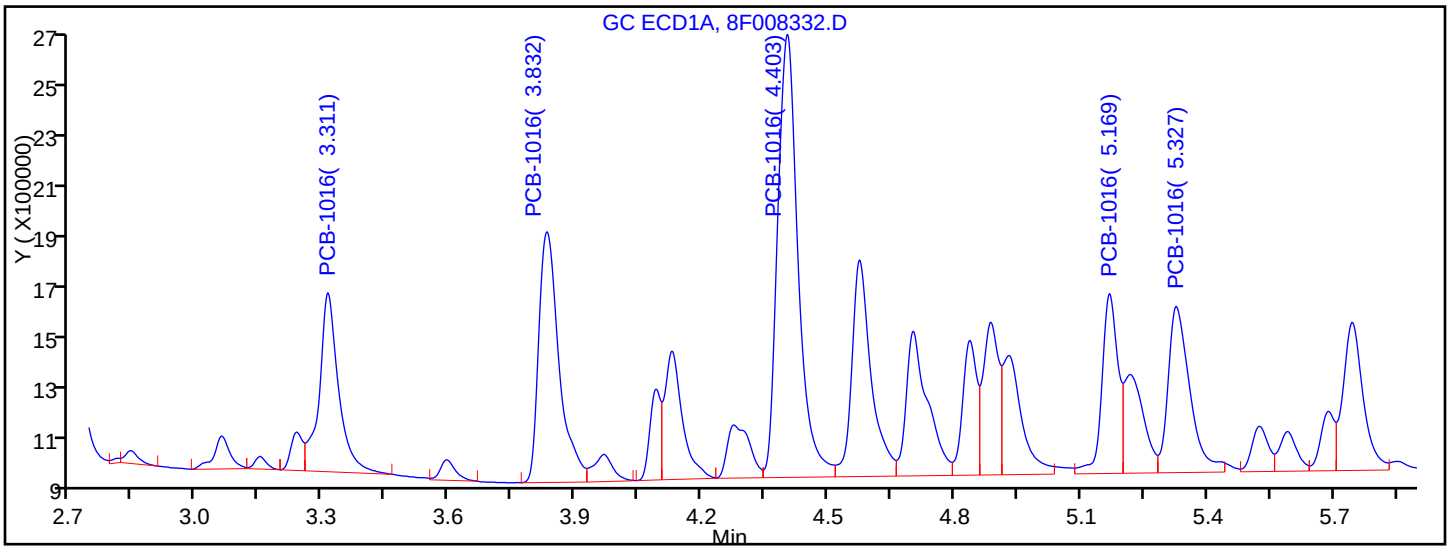
Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-334269/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.311	Response = 2271185	
RT = 3.832	Response = 3360579	
RT = 4.403	Response = 5948617	M
RT = 5.169	Response = 1745518	M
RT = 5.327	Response = 2115153	M



Manual Integration Results

RT = 3.311	Response = 2271185	
RT = 3.832	Response = 3360579	
RT = 4.403	Response = 5993304	M
RT = 5.169	Response = 1910415	M
RT = 5.327	Response = 2382973	M

Reviewer: patelji, 11-Nov-2015 11:20:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

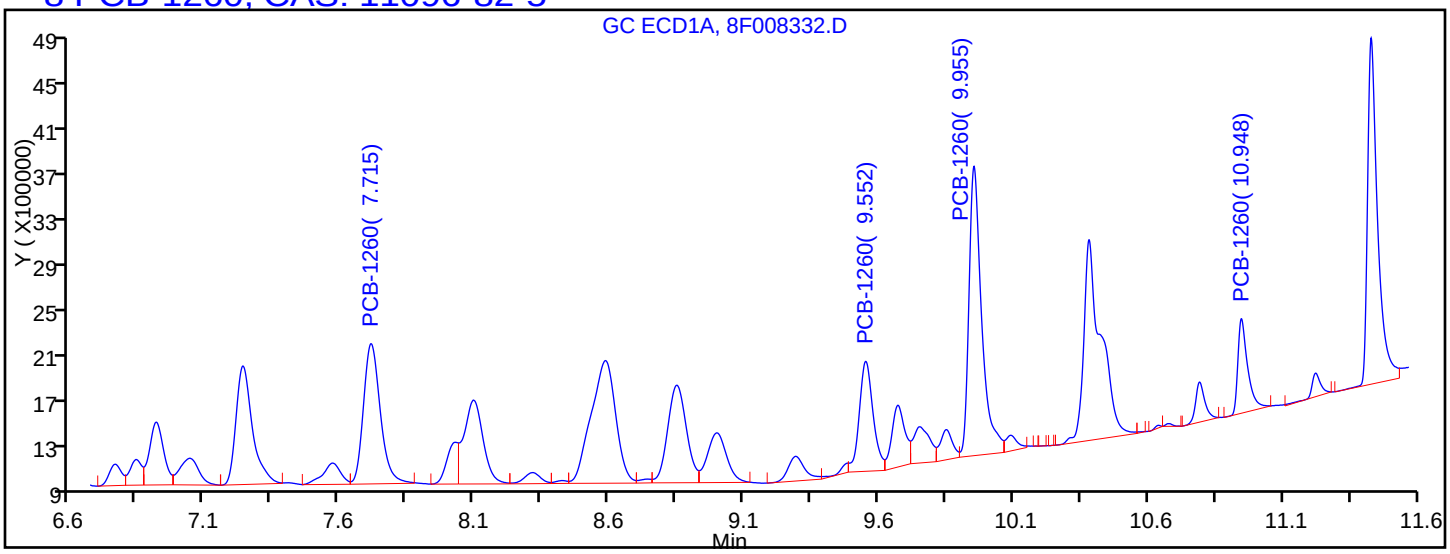
Report Date: 11-Nov-2015 13:12:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

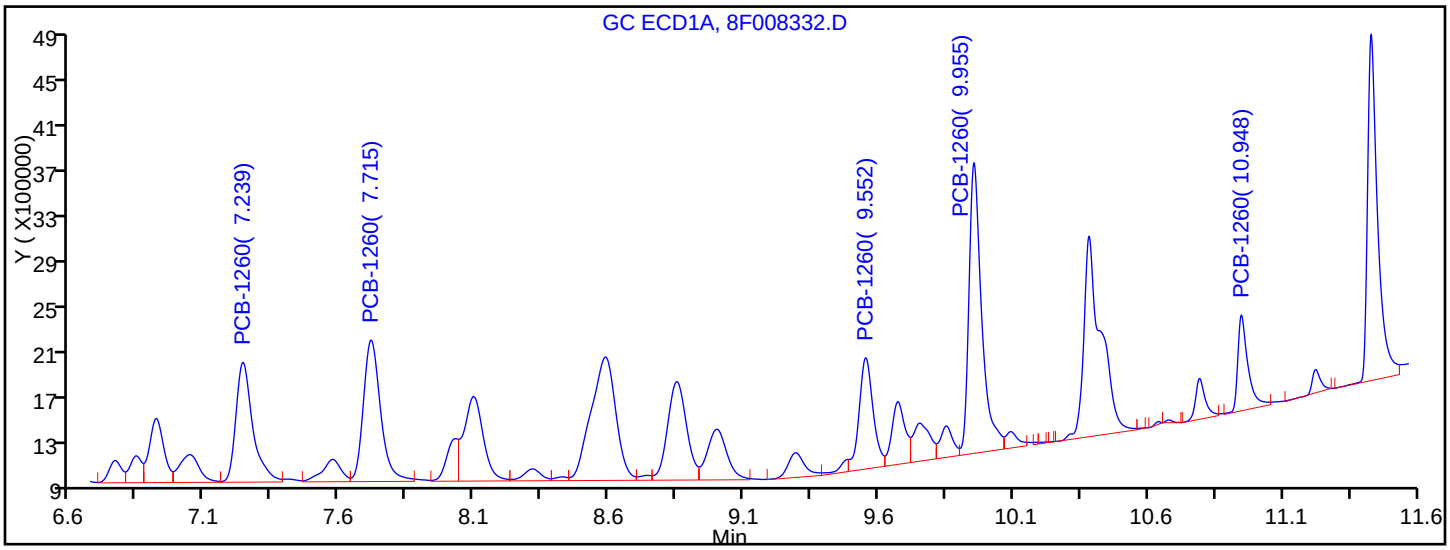
Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-334269/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 0.000	Response = 0	M
RT = 7.715	Response = 5287114	M
RT = 9.552	Response = 3408435	M
RT = 9.955	Response = 8241456	M
RT = 10.948	Response = 2060822	M



Manual Integration Results

RT = 7.239	Response = 4533568	M
RT = 7.715	Response = 5465830	M
RT = 9.552	Response = 3499285	M
RT = 9.955	Response = 8334364	M
RT = 10.948	Response = 2188498	M

Reviewer: patelji, 11-Nov-2015 11:20:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334269/2-A

Matrix: Solid | Lab File ID: 8F008332.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/11/2015 01:33

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.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	283		67	8.9
11096-82-5	*Aroclor 1260*	*260*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D
Lims ID: LCS 460-334269/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 01:33:45 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034065-037
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:12:32 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: patelji Date: 11-Nov-2015 11:20:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.689	1.689	0.000	3614985	20.0	20.0	
2	1.471	1.472	-0.001	2497455	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.682	2.682	0.000	8778379	50.0	50.8	
2	2.169	2.169	0.000	5967277	50.0	47.6	M
						RPD = 6.60	
5 PCB-1016							M
1	3.311	3.313	-0.002	2271185	500.0	569.1	
1	3.832	3.833	-0.001	3360579	500.0	393.2	
1	4.403	4.406	-0.003	5993304	500.0	385.0	M
1	5.169	5.171	-0.002	1910415	500.0	359.8	M
1	5.327	5.330	-0.003	2382973	500.0	377.1	M
		Average of Peak Amounts =				416.8	
2	2.565	2.561	0.004	1319995	500.0	418.8	M
2	2.961	2.957	0.004	3025108	500.0	475.8	M
2	3.485	3.481	0.004	5495557	500.0	447.5	M
2	3.639	3.636	0.003	2257727	500.0	449.4	M
2	4.121	4.118	0.003	1843643	500.0	332.2	M
		Average of Peak Amounts =				424.7	
						RPD = 1.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.239	7.241	-0.002	4533568	500.0	363.7	M
1	7.715	7.717	-0.002	5465830	500.0	374.5	M
1	9.552	9.557	-0.005	3499285	500.0	408.5	M
1	9.955	9.969	-0.014	8334364	500.0	408.2	M
1	10.948	11.001	-0.053	2188498	500.0	418.6	M
		Average of Peak Amounts =				394.7	
2	5.601	5.599	0.002	3326893	500.0	357.2	M
2	7.116	7.113	0.003	3078423	500.0	389.4	M
2	7.789	7.786	0.003	7474606	500.0	424.5	M
2	8.454	8.451	0.003	3245361	500.0	340.2	M
2	9.827	9.836	-0.009	1661142	500.0	440.1	M
		Average of Peak Amounts =				390.3	
						RPD = 1.13	
$ 11 DCB Decachlorobiphenyl							
1	11.430	11.444	-0.014	7814900	50.0	47.8	
2	10.381	10.385	-0.004	7432115	50.0	56.9	
						RPD = 17.37	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

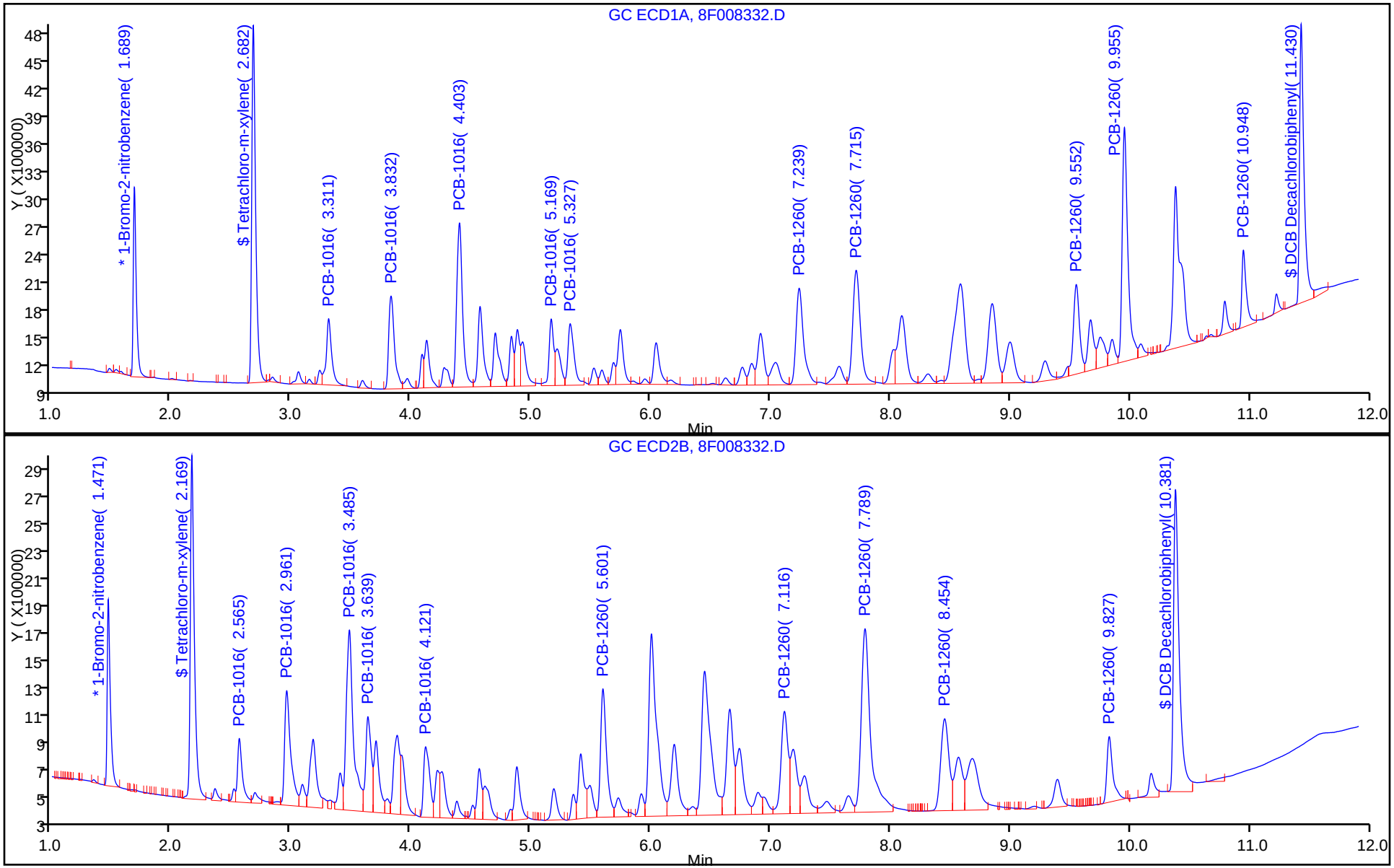
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 11-Nov-2015 13:12:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCS 460-334269/2-A			Worklist Smp#:	37
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	37
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



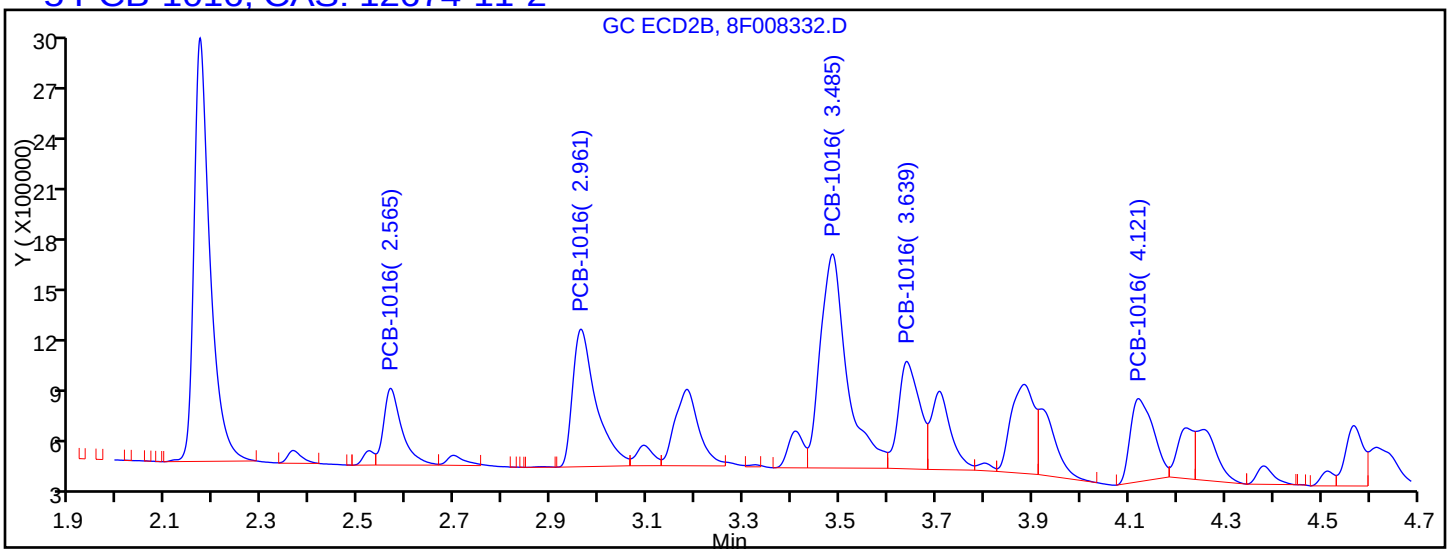
Report Date: 11-Nov-2015 13:12:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

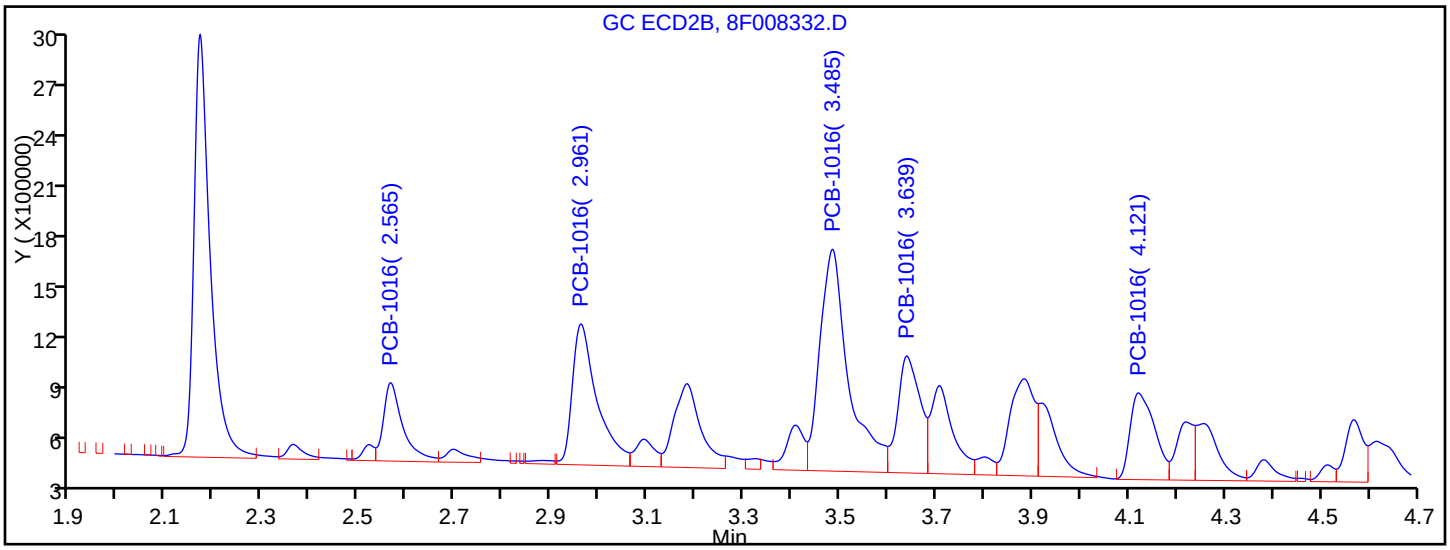
Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-334269/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.565	Response = 1205146	M
RT = 2.961	Response = 2758894	M
RT = 3.485	Response = 4925177	M
RT = 3.639	Response = 1951072	M
RT = 4.121	Response = 1651876	M



Manual Integration Results

RT = 2.565	Response = 1319995	M
RT = 2.961	Response = 3025108	M
RT = 3.485	Response = 5495557	M
RT = 3.639	Response = 2257727	M
RT = 4.121	Response = 1843643	M

Reviewer: patelji, 11-Nov-2015 11:20:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

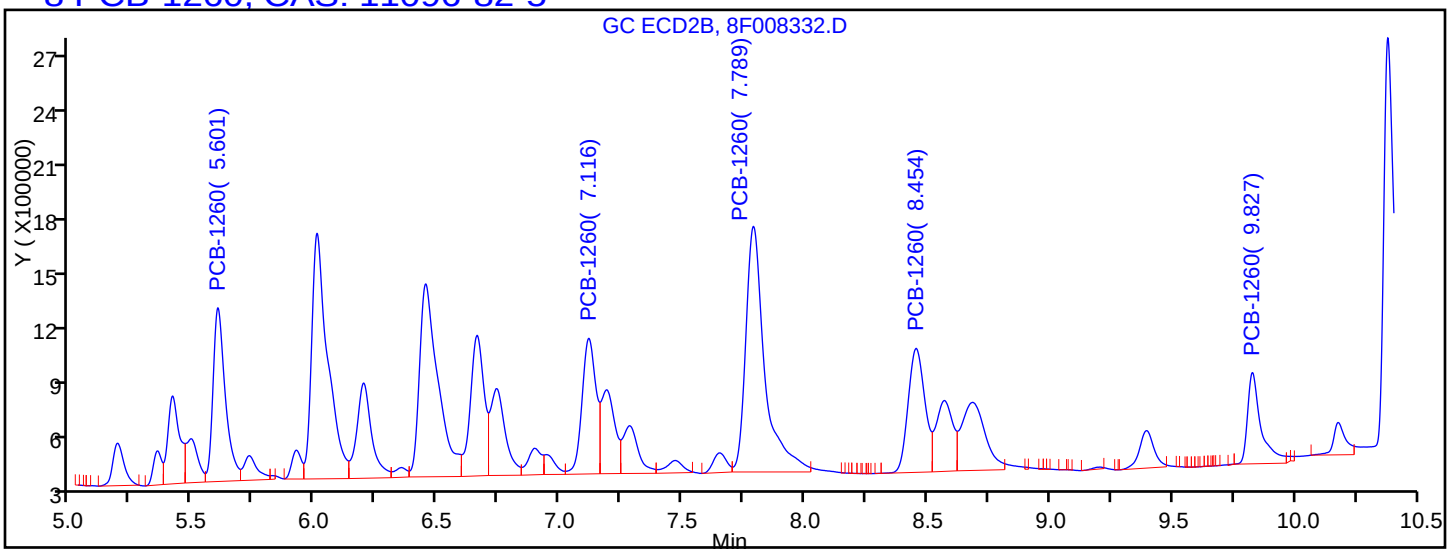
Report Date: 11-Nov-2015 13:12:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151110-34065.b\8F008332.D

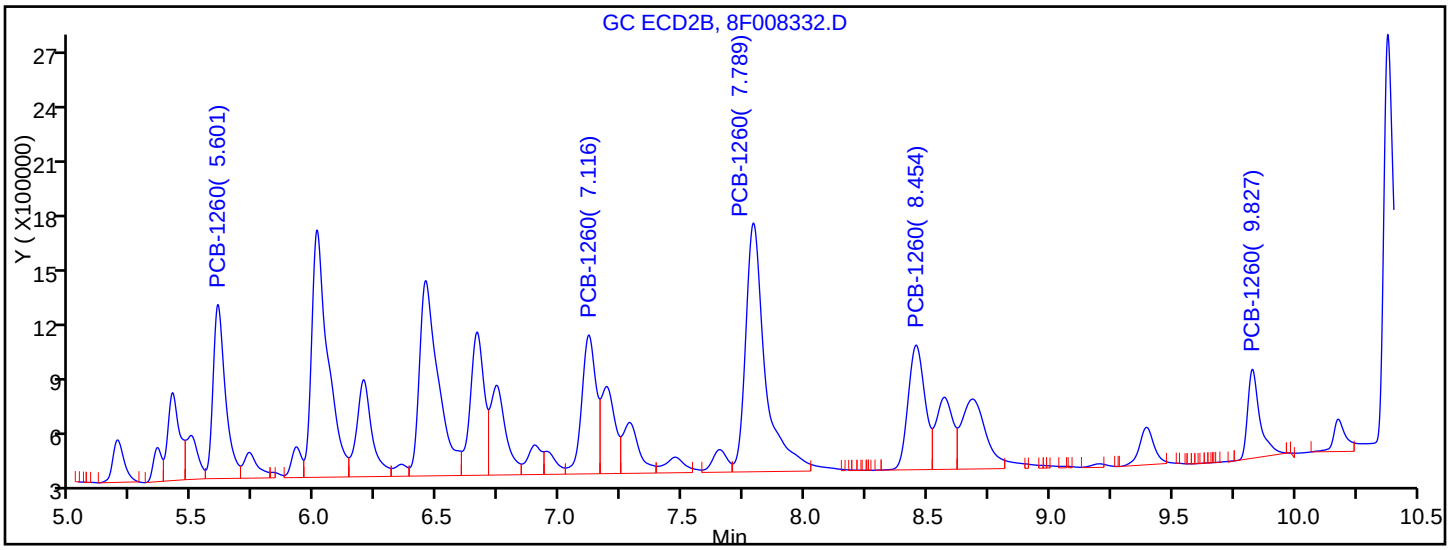
Injection Date:	11-Nov-2015 01:33:45	Instrument ID:	CPESTGC8		
Lims ID:	LCS 460-334269/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.601	Response = 3304112	M
RT = 7.116	Response = 2932100	M
RT = 7.789	Response = 7174999	M
RT = 8.454	Response = 3212248	M
RT = 9.827	Response = 1890537	M



Manual Integration Results

RT = 5.601	Response = 3326893	M
RT = 7.116	Response = 3078423	M
RT = 7.789	Response = 7474606	M
RT = 8.454	Response = 3245361	M
RT = 9.827	Response = 1661142	M

Reviewer: patelji, 11-Nov-2015 11:20:41

Audit Action: Assigned New Baseline

Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334271/2-A

Matrix: Solid | Lab File ID: VR504413.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 17:49

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.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*275*		*67*	*8.9*
11096-82-5	*Aroclor 1260*	*277*		*67*	*9.2*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D
Lims ID: LCS 460-334271/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 17:49:48 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-003
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:05:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.644	1.646	-0.002	1725683	20.0	20.0	M
2	1.431	1.429	0.002	2506444	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.614	2.616	-0.002	3519892	50.0	44.1	
2	2.112	2.110	0.002	6118734	50.0	50.3	
						RPD = 13.20	
5 PCB-1016							M
1	3.232	3.235	-0.003	992596	500.0	471.1	
1	3.745	3.748	-0.003	1890216	500.0	425.2	M
1	4.310	4.313	-0.003	3017540	500.0	394.8	M
1	5.068	5.071	-0.003	939538	500.0	387.6	M
1	5.221	5.223	-0.002	1068302	500.0	383.6	M
		Average of Peak Amounts =				412.5	
2	2.506	2.503	0.003	1404067	500.0	430.7	M
2	2.897	2.895	0.002	3161456	500.0	494.9	M
2	3.418	3.416	0.002	5401257	500.0	453.7	M
2	3.572	3.570	0.002	2054481	500.0	461.5	M
2	4.052	4.051	0.001	2184608	500.0	454.8	M
		Average of Peak Amounts =				459.1	
						RPD = 10.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.862	6.864	-0.002	2232198	500.0	413.3	M
1	7.237	7.241	-0.004	2469773	500.0	398.1	M
1	8.540	8.543	-0.003	1511594	500.0	395.9	
1	8.835	8.840	-0.005	3304517	500.0	421.1	
1	9.682	9.692	-0.010	929527	500.0	448.2	
		Average of Peak Amounts =				415.3	
2	5.502	5.501	0.001	3539016	500.0	455.7	M
2	6.789	6.787	0.002	3008660	500.0	477.4	M
2	7.322	7.321	0.001	7203950	500.0	492.0	M
2	7.862	7.861	0.001	3292112	500.0	461.6	
2	8.773	8.776	-0.003	2090156	500.0	566.0	M
		Average of Peak Amounts =				490.5	
						RPD = 16.61	
$ 11 DCB Decachlorobiphenyl							M
1	10.120	10.133	-0.013	3713396	50.0	48.4	
2	9.232	9.236	-0.004	6901587	50.0	53.8	M
						RPD = 10.55	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

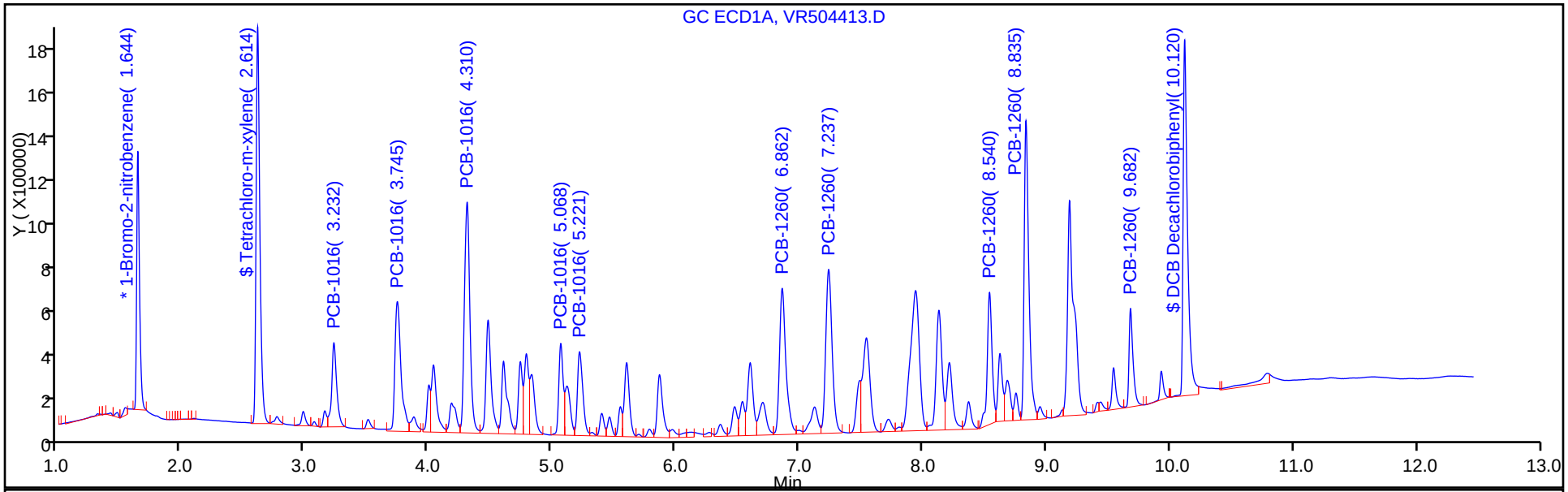
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

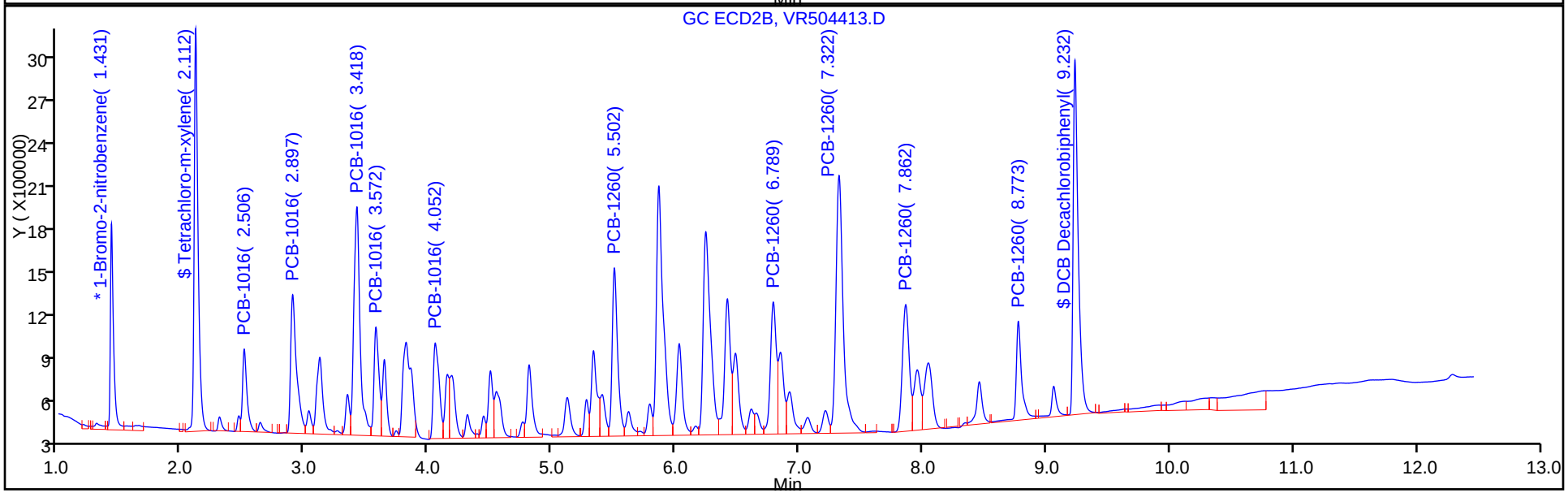
Report Date: 11-Nov-2015 13:14:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334271/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





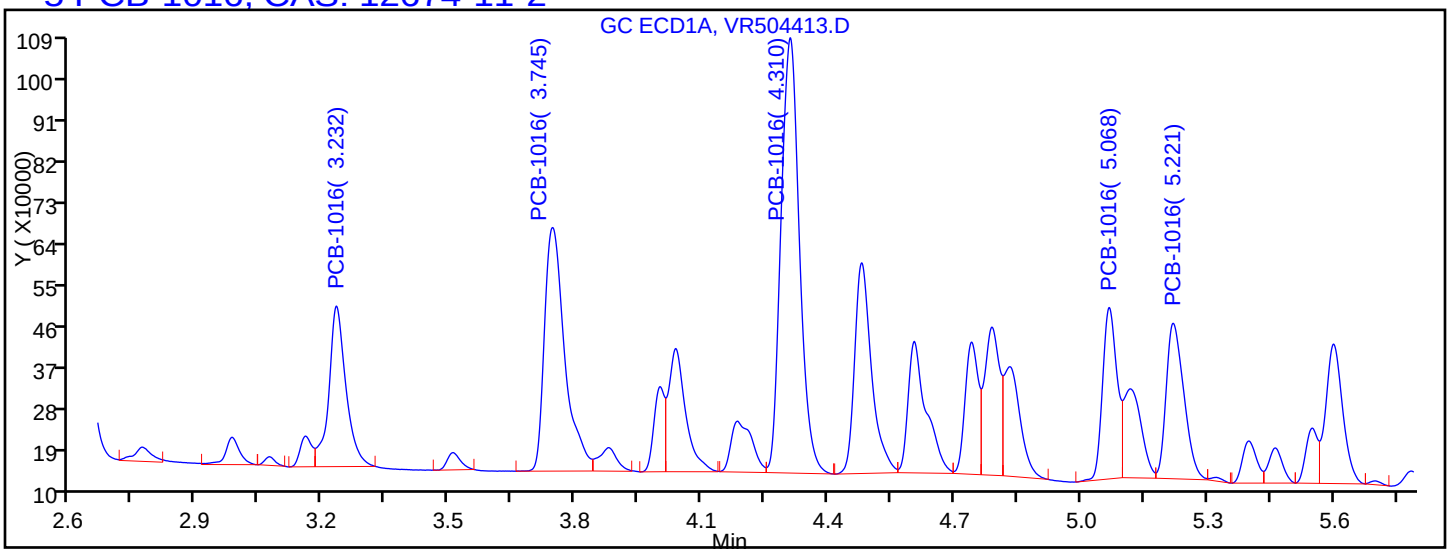
Report Date: 11-Nov-2015 13:14:18 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

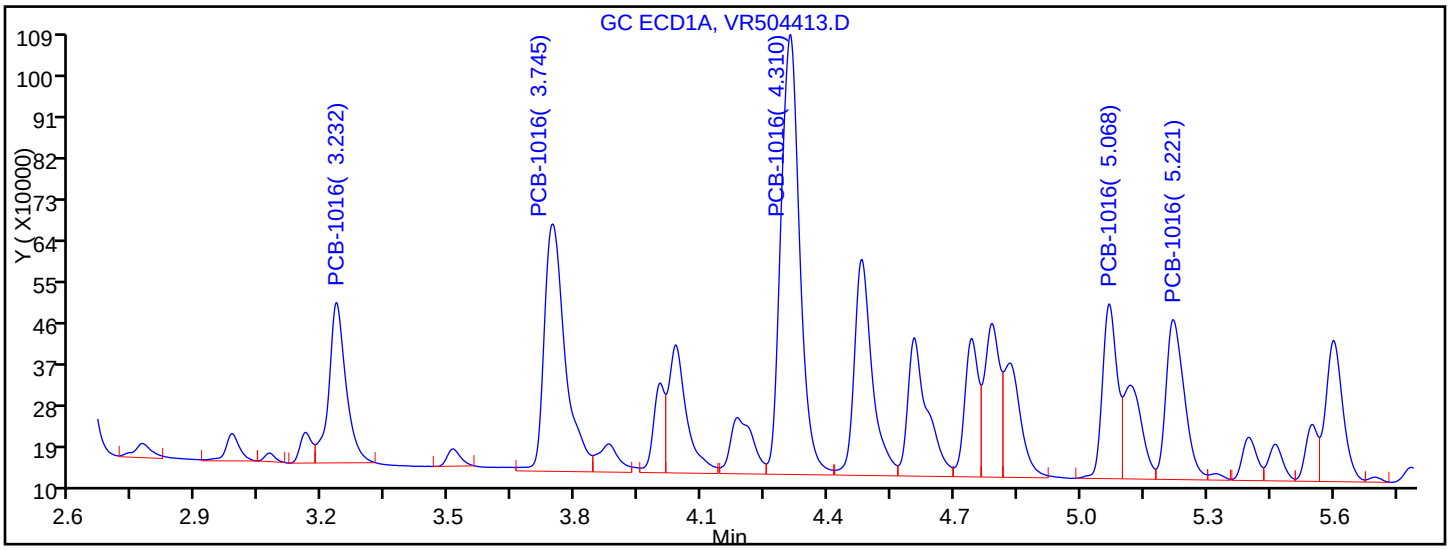
Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334271/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.232	Response = 992596	
RT = 3.745	Response = 1794771	M
RT = 4.310	Response = 2911013	M
RT = 5.068	Response = 904515	M
RT = 5.221	Response = 997850	M



Manual Integration Results

RT = 3.232	Response = 992596	
RT = 3.745	Response = 1890216	M
RT = 4.310	Response = 3017540	M
RT = 5.068	Response = 939538	M
RT = 5.221	Response = 1068302	M

Reviewer: boykinc, 10-Nov-2015 22:05:35

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

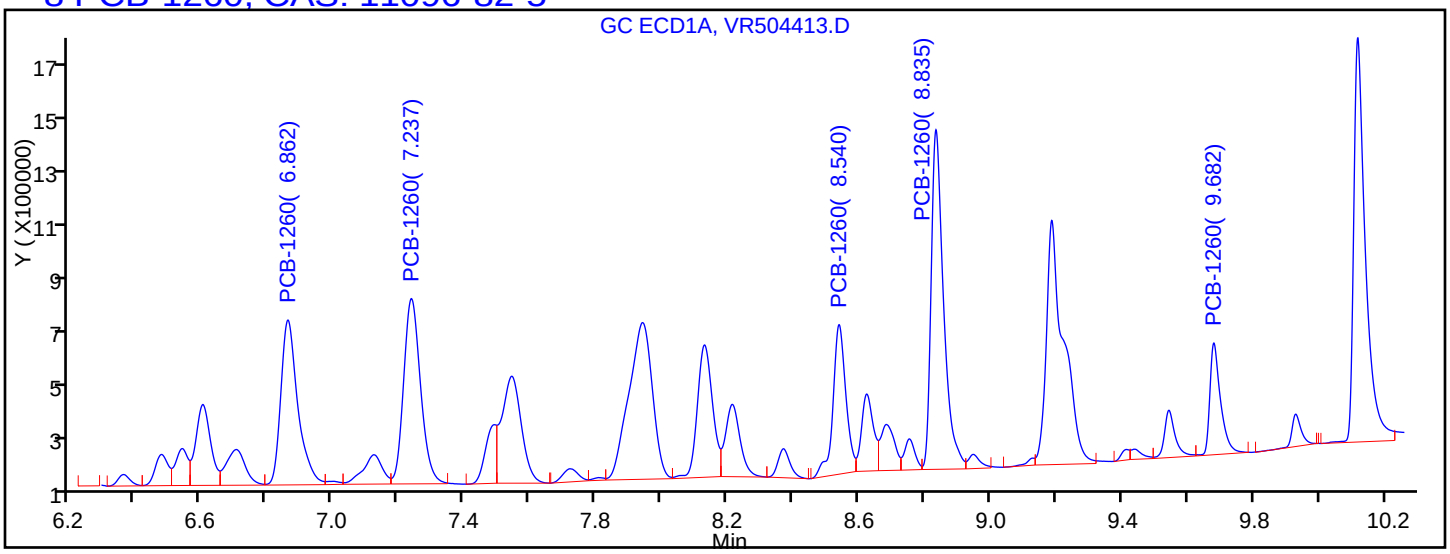
Report Date: 11-Nov-2015 13:14:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

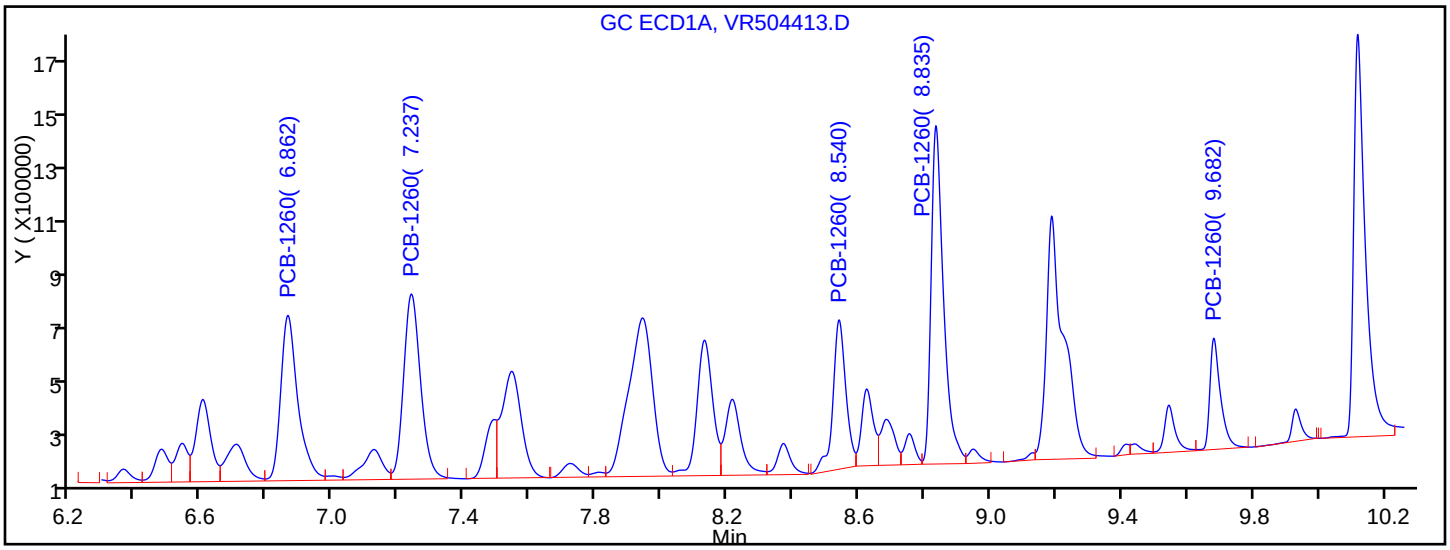
Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334271/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 6.862	Response = 2187108	M
RT = 7.237	Response = 2446035	M
RT = 8.540	Response = 1511594	
RT = 8.835	Response = 3304517	
RT = 9.682	Response = 929527	



Manual Integration Results

RT = 6.862	Response = 2232198	M
RT = 7.237	Response = 2469773	M
RT = 8.540	Response = 1511594	
RT = 8.835	Response = 3304517	
RT = 9.682	Response = 929527	

Reviewer: boykinc, 10-Nov-2015 22:05:35

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

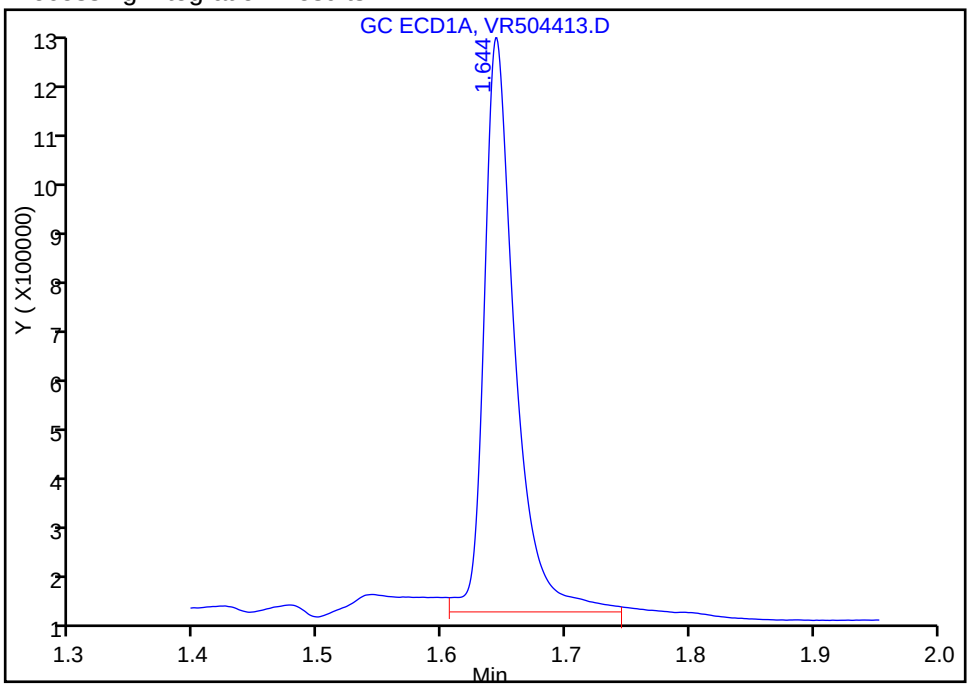
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D
Injection Date: 10-Nov-2015 17:49:48 Instrument ID: CPESTGC9
Lims ID: LCS 460-334271/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

* 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

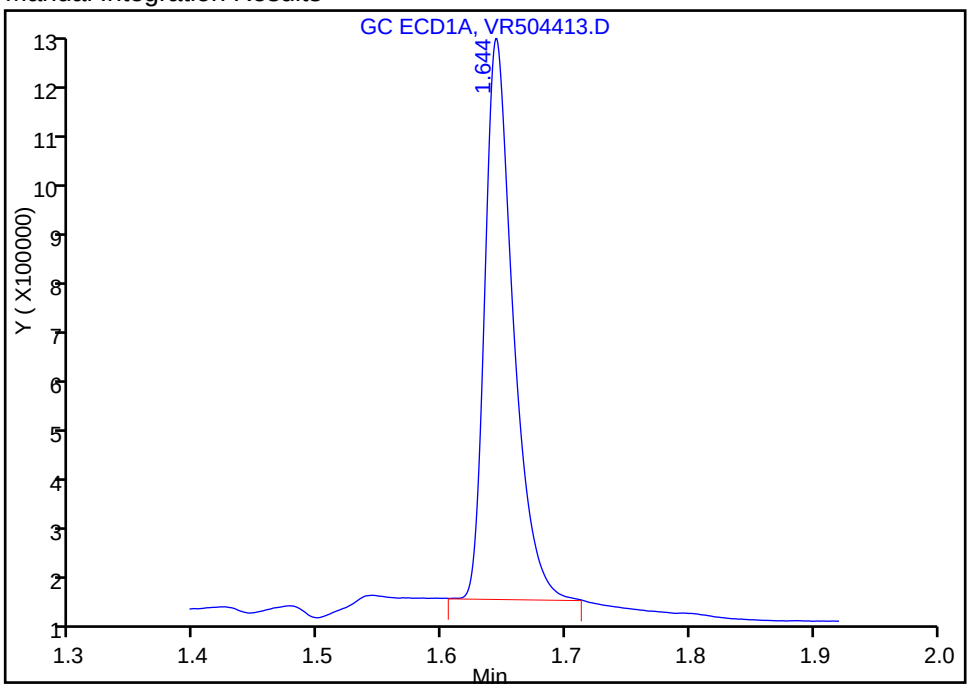
Processing Integration Results

RT: 1.64
Area: 1916370
Amount: 20.000000
Amount Units: ug/l



Manual Integration Results

RT: 1.64
Area: 1725683
Amount: 20.000000
Amount Units: ug/l



Reviewer: patelji, 11-Nov-2015 10:15:09
Audit Action: Manually Integrated
Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334271/2-A

Matrix: Solid | Lab File ID: VR504413.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 17:49

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.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	306		67	8.9
11096-82-5	Aroclor 1260	327		67	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D
Lims ID: LCS 460-334271/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 17:49:48 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034070-003
Operator ID: 615 Instrument ID: CPESTGC9

Method: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\8082-ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 11-Nov-2015 13:14:11 Calib Date: 30-Sep-2015 13:36:26
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC9\20150930-32378.b\VR503372.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK031

First Level Reviewer: boykinc Date: 10-Nov-2015 22:05:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.644	1.646	-0.002	1725683	20.0	20.0	M
2	1.431	1.429	0.002	2506444	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.614	2.616	-0.002	3519892	50.0	44.1	
2	2.112	2.110	0.002	6118734	50.0	50.3	
						RPD = 13.20	
5 PCB-1016							M
1	3.232	3.235	-0.003	992596	500.0	471.1	
1	3.745	3.748	-0.003	1890216	500.0	425.2	M
1	4.310	4.313	-0.003	3017540	500.0	394.8	M
1	5.068	5.071	-0.003	939538	500.0	387.6	M
1	5.221	5.223	-0.002	1068302	500.0	383.6	M
		Average of Peak Amounts =				412.5	
2	2.506	2.503	0.003	1404067	500.0	430.7	M
2	2.897	2.895	0.002	3161456	500.0	494.9	M
2	3.418	3.416	0.002	5401257	500.0	453.7	M
2	3.572	3.570	0.002	2054481	500.0	461.5	M
2	4.052	4.051	0.001	2184608	500.0	454.8	M
		Average of Peak Amounts =				459.1	
						RPD = 10.70	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.862	6.864	-0.002	2232198	500.0	413.3	M
1	7.237	7.241	-0.004	2469773	500.0	398.1	M
1	8.540	8.543	-0.003	1511594	500.0	395.9	
1	8.835	8.840	-0.005	3304517	500.0	421.1	
1	9.682	9.692	-0.010	929527	500.0	448.2	
		Average of Peak Amounts =				415.3	
2	5.502	5.501	0.001	3539016	500.0	455.7	M
2	6.789	6.787	0.002	3008660	500.0	477.4	M
2	7.322	7.321	0.001	7203950	500.0	492.0	M
2	7.862	7.861	0.001	3292112	500.0	461.6	
2	8.773	8.776	-0.003	2090156	500.0	566.0	M
		Average of Peak Amounts =				490.5	
						RPD = 16.61	
$ 11 DCB Decachlorobiphenyl							M
1	10.120	10.133	-0.013	3713396	50.0	48.4	
2	9.232	9.236	-0.004	6901587	50.0	53.8	M
						RPD = 10.55	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

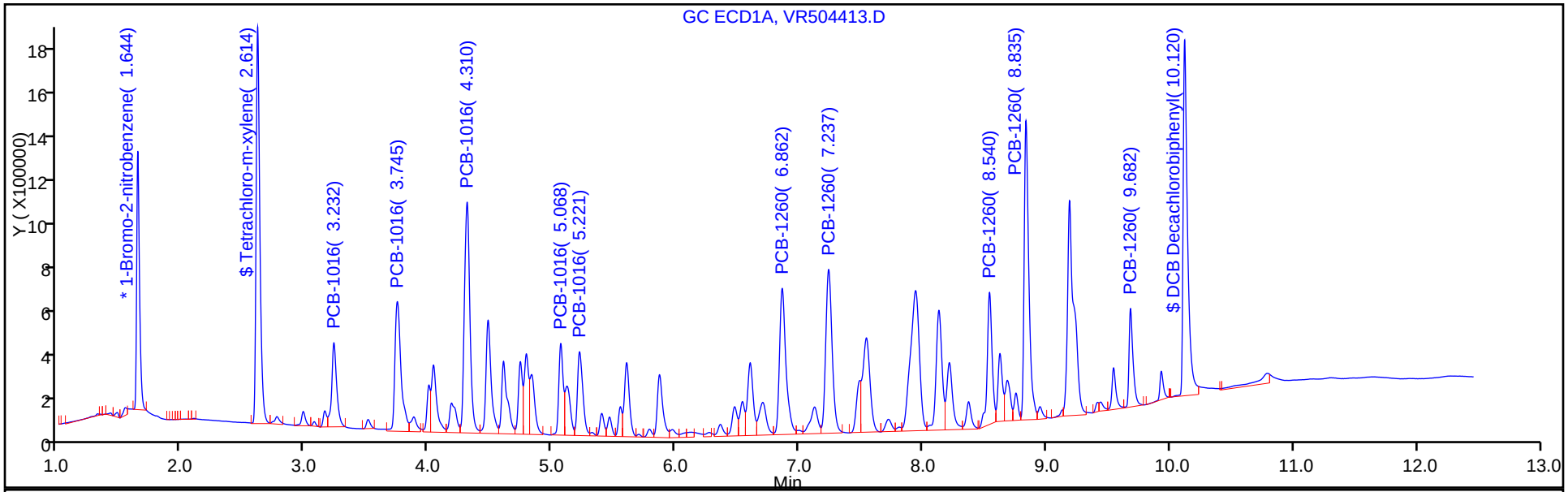
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

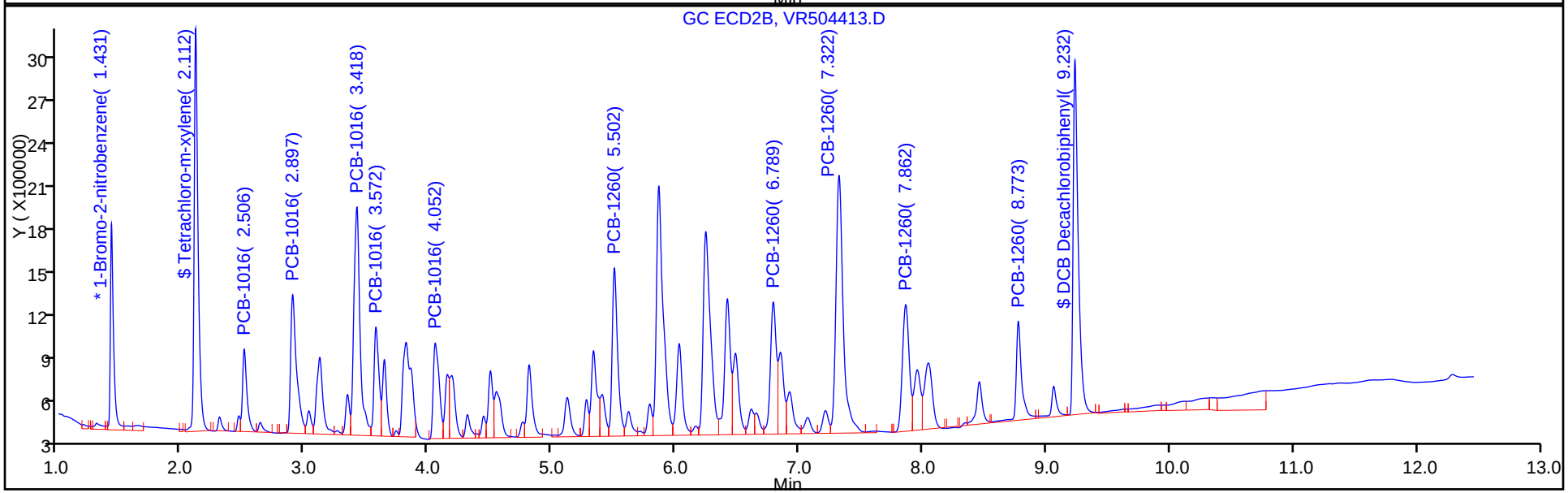
Report Date: 11-Nov-2015 13:14:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9	Operator ID:	615
Lims ID:	LCS 460-334271/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		





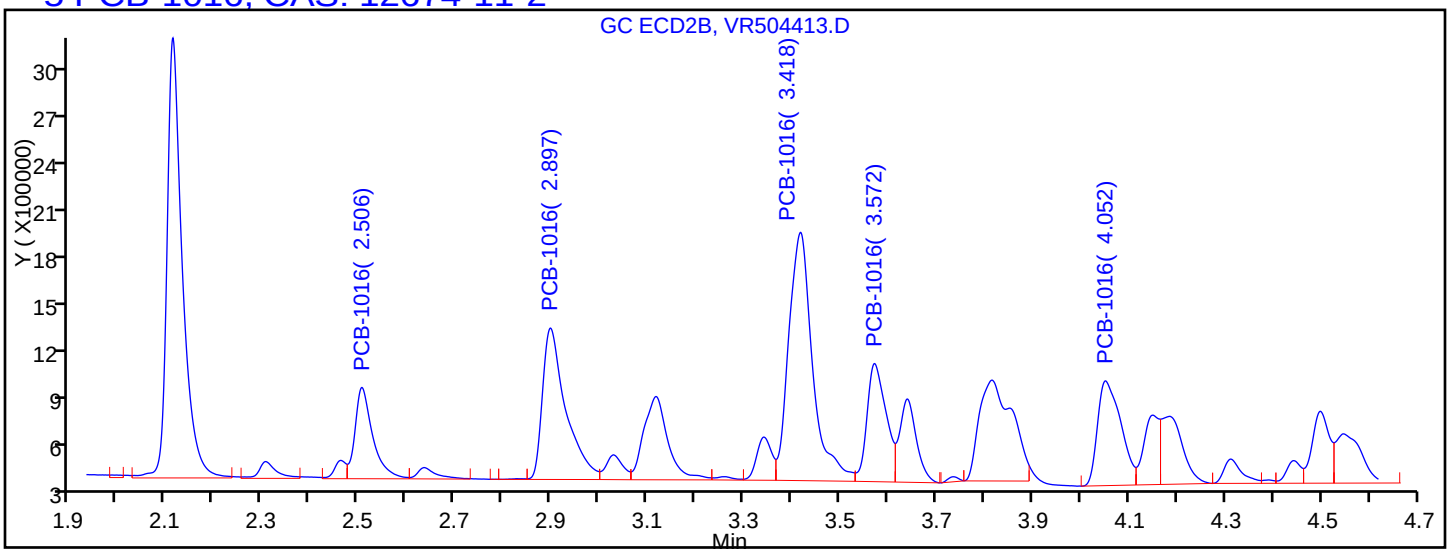
Report Date: 11-Nov-2015 13:14:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

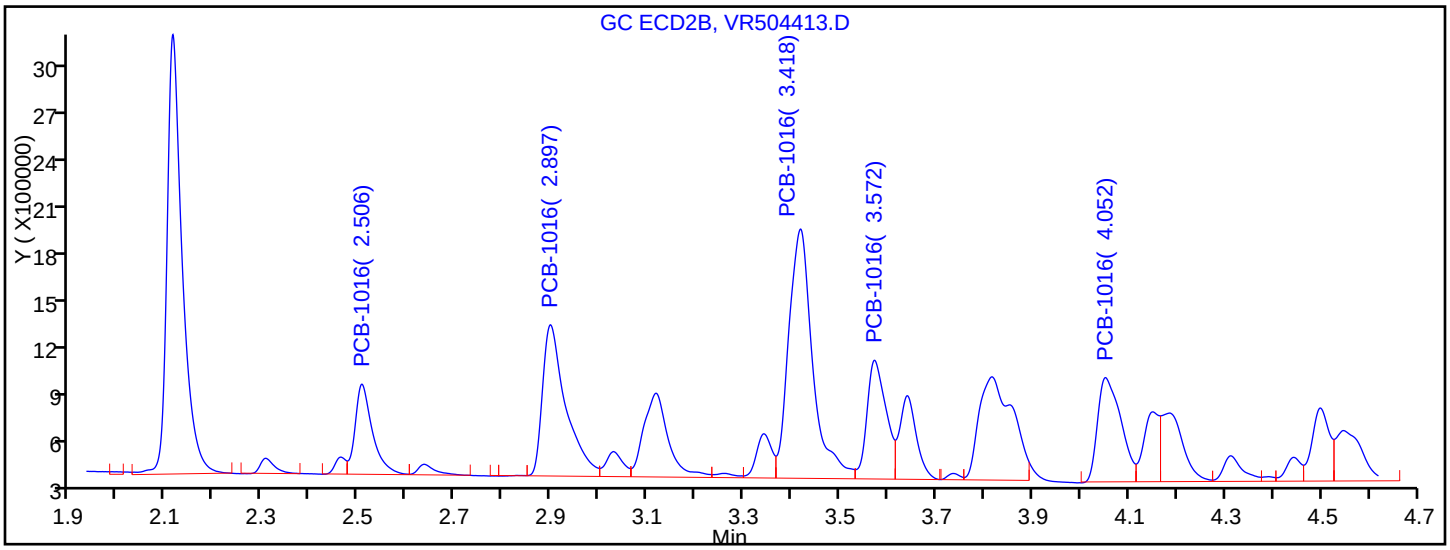
Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334271/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 2.506	Response = 1454972	M
RT = 2.897	Response = 3165732	M
RT = 3.418	Response = 5344337	M
RT = 3.572	Response = 2035854	M
RT = 4.052	Response = 2202158	M



Manual Integration Results

RT = 2.506	Response = 1404067	M
RT = 2.897	Response = 3161456	M
RT = 3.418	Response = 5401257	M
RT = 3.572	Response = 2054481	M
RT = 4.052	Response = 2184608	M

Reviewer: boykinc, 10-Nov-2015 22:05:35

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

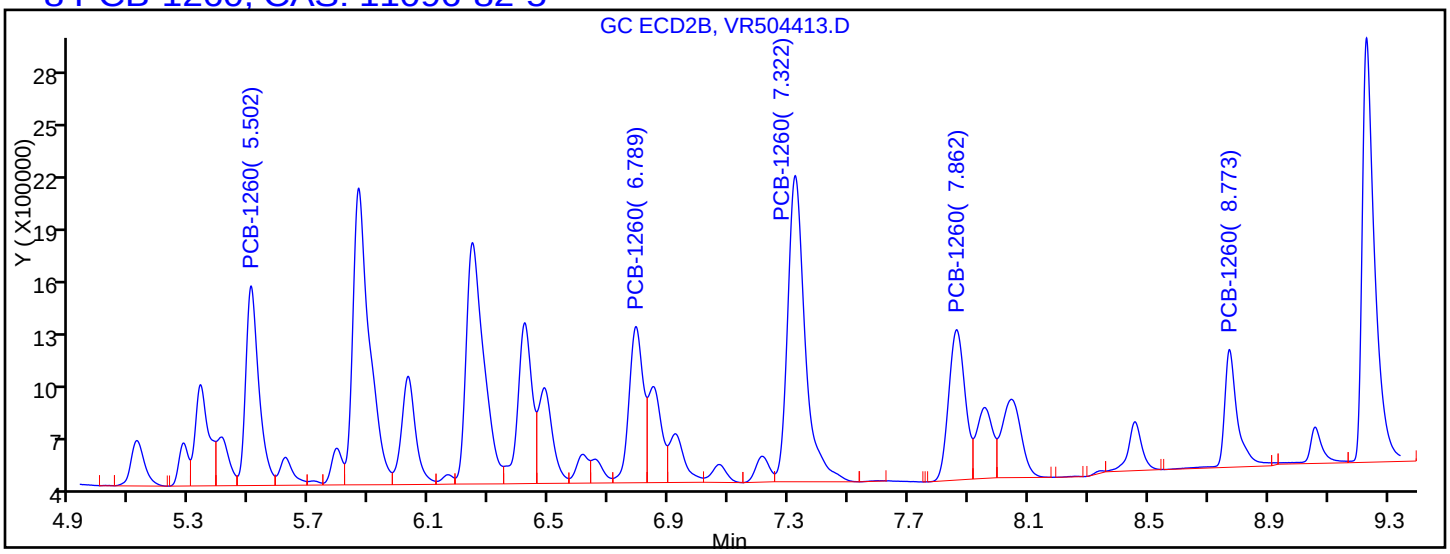
Report Date: 11-Nov-2015 13:14:19 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D

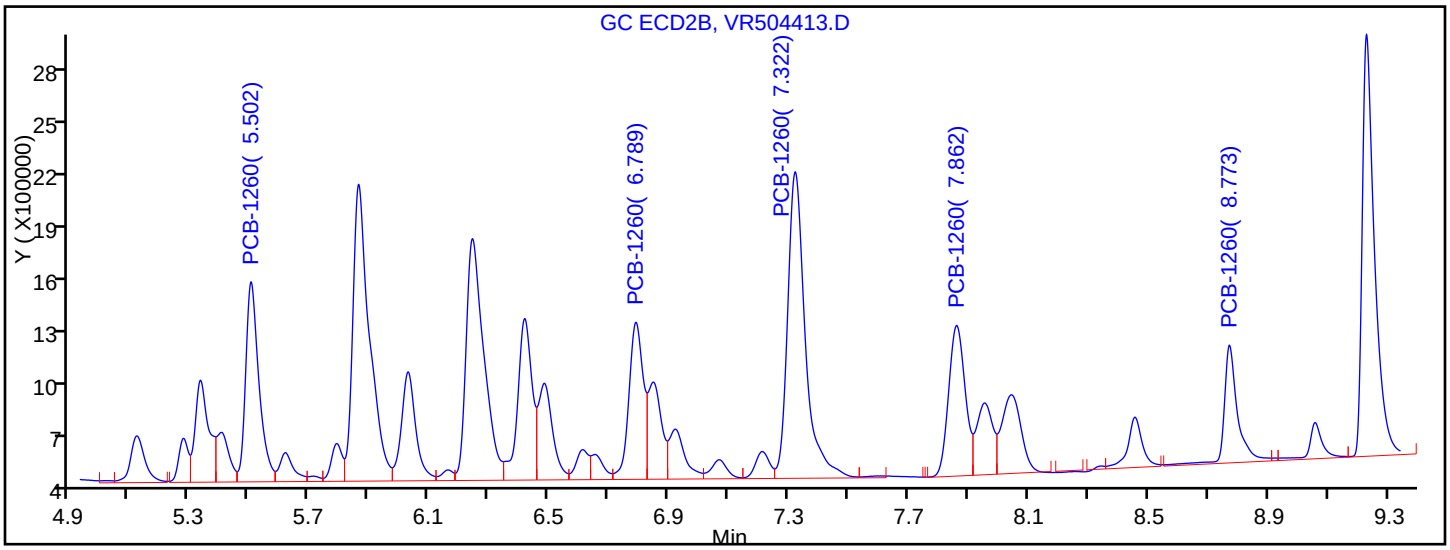
Injection Date:	10-Nov-2015 17:49:48	Instrument ID:	CPESTGC9		
Lims ID:	LCS 460-334271/2-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082-ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.502	Response = 3488985	M
RT = 6.789	Response = 2953777	M
RT = 7.322	Response = 7089588	M
RT = 7.862	Response = 3292112	
RT = 8.773	Response = 2023474	M



Manual Integration Results

RT = 5.502	Response = 3539016	M
RT = 6.789	Response = 3008660	M
RT = 7.322	Response = 7203950	M
RT = 7.862	Response = 3292112	
RT = 8.773	Response = 2090156	M

Reviewer: boykinc, 10-Nov-2015 22:05:35

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

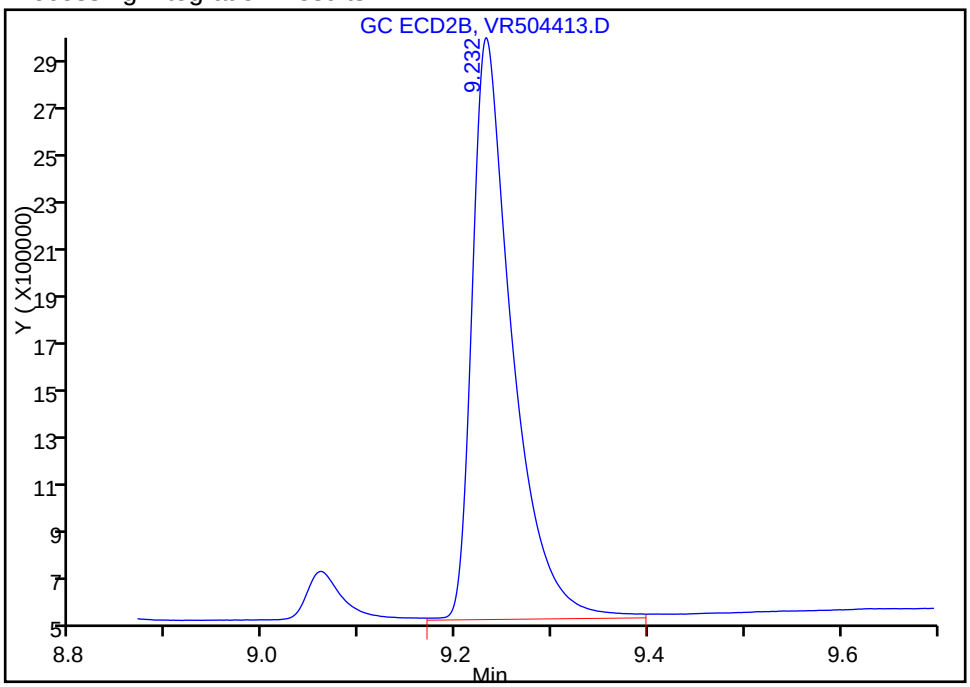
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC9\20151110-34070.b\VR504413.D
Injection Date: 10-Nov-2015 17:49:48 Instrument ID: CPESTGC9
Lims ID: LCS 460-334271/2-A
Client ID:
Operator ID: 615 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082-ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

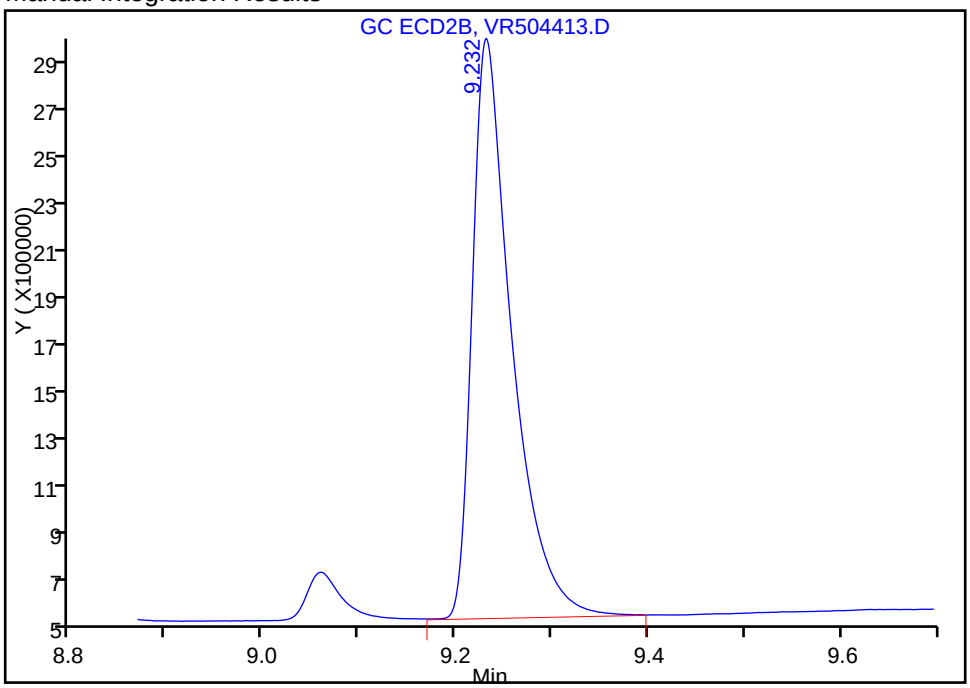
Processing Integration Results

RT: 9.23
Area: 7028798
Amount: 54.749134
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 6901587
Amount: 53.758254
Amount Units: ug/l



Reviewer: boykinc, 10-Nov-2015 22:05:35
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333841/3-A

Matrix: Water | Lab File ID: 8F008208.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 17:17

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3.77*		*0.40*	*0.098*
11096-82-5	*Aroclor 1260*	*3.81*		*0.40*	*0.084*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D
Lims ID: LCSD 460-333841/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Nov-2015 17:17:09 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-005
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 09-Nov-2015 10:27:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.692	1.694	-0.002	3868286	20.0	20.0	
2	1.471	1.469	0.002	2600170	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.687	2.691	-0.004	16987045	100.0	91.9	
2	2.169	2.168	0.001	11793096	100.0	90.3	
						RPD = 1.76	
5 PCB-1016							M
1	0.000	3.322	-3.322	0	1000.0	0	
1	3.838	3.842	-0.004	8690369	1000.0	950.1	
1	4.410	4.414	-0.004	15692292	1000.0	942.1	M
1	5.176	5.180	-0.004	5181617	1000.0	912.0	M
1	5.335	5.340	-0.005	6524368	1000.0	964.9	M
		Average of Peak Amounts =				942.3	
2	2.566	2.564	0.002	3322272	1000.0	1012.5	
2	0.000	2.960	-2.960	0	1000.0	0	
2	3.485	3.484	0.001	13350993	1000.0	1044.3	
2	3.640	3.639	0.001	5232547	1000.0	1000.4	
2	4.122	4.121	0.001	5695812	1000.0	985.8	
		Average of Peak Amounts =				1010.7	
						RPD = 7.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.251	7.259	-0.008	11040857	1000.0	827.7	
1	7.728	7.736	-0.008	13467835	1000.0	862.4	
1	9.566	9.569	-0.003	10732819	1000.0	1170.9	M
1	9.977	9.979	-0.002	21431256	1000.0	980.8	M
1	11.012	11.006	0.006	5144261	1000.0	919.6	
		Average of Peak Amounts =				952.3	
2	5.603	5.604	-0.001	9022269	1000.0	930.6	M
2	7.121	7.121	0.000	8342876	1000.0	1013.7	M
2	7.794	7.794	0.000	20044301	1000.0	1093.3	M
2	8.459	8.459	0.000	8905031	1000.0	896.5	M
2	9.842	9.840	0.002	5347707	1000.0	1360.8	M
		Average of Peak Amounts =				1059.0	
						RPD = 10.61	
$ 11 DCB Decachlorobiphenyl							
1	11.519	11.510	0.009	13714835	100.0	78.3	
2	10.417	10.413	0.004	12013070	100.0	88.3	
						RPD = 11.91	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

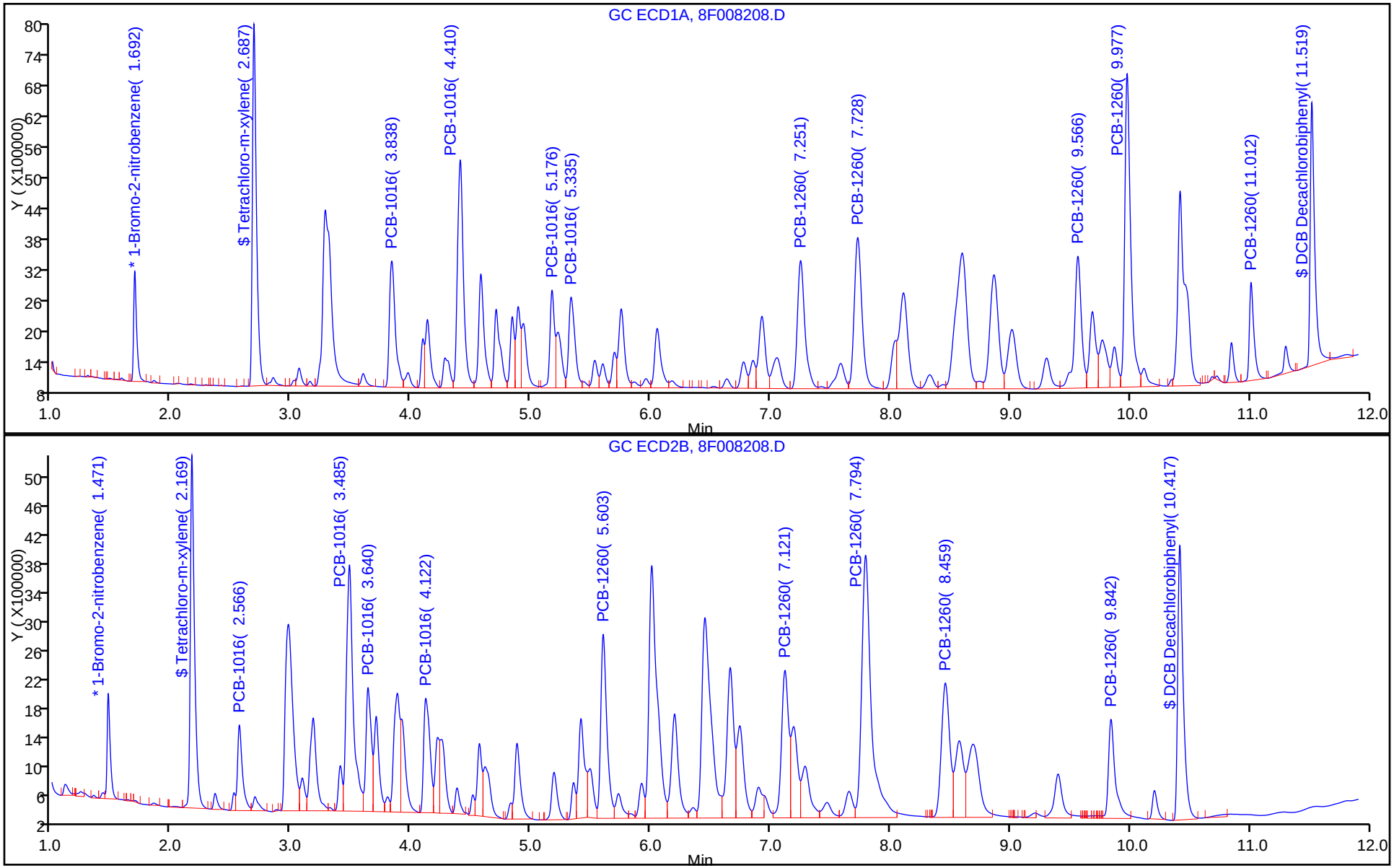
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Nov-2015 14:08:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D

Injection Date:	08-Nov-2015 17:17:09	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCSD 460-333841/3-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		



Report Date: 10-Nov-2015 14:08:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D

Injection Date: 08-Nov-2015 17:17:09 Instrument ID: CPESTGC8

Lims ID: LCSD 460-333841/3-A

Client ID:

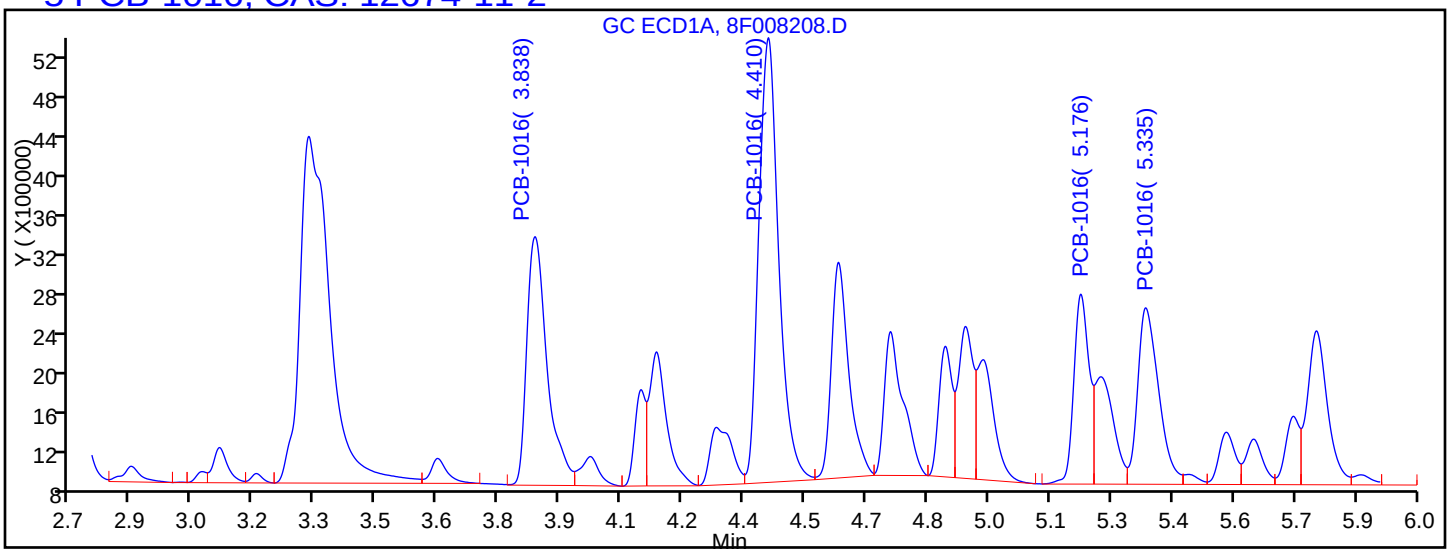
Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082ISTD Limit Group: GC 8082A PCB ISTD

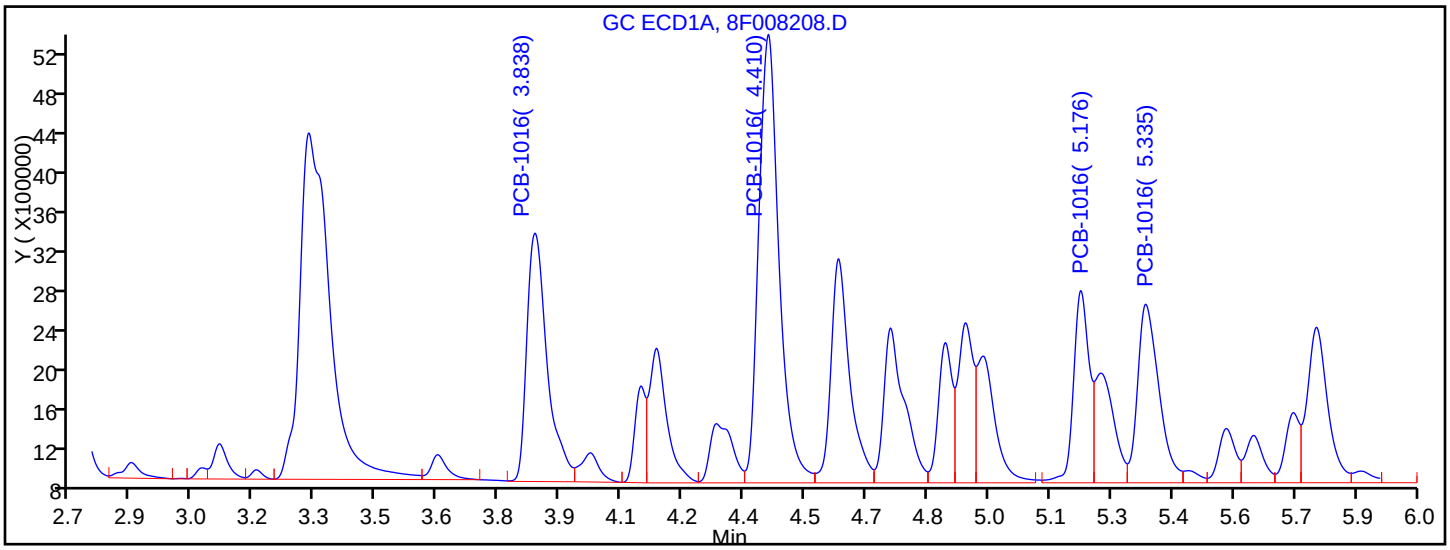
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

RT = 3.283	Response = 17841547	
RT = 3.838	Response = 8690369	
RT = 4.410	Response = 15190861	M
RT = 5.176	Response = 4993882	M
RT = 5.335	Response = 6340483	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 3.838	Response = 8690369	
RT = 4.410	Response = 15692292	M
RT = 5.176	Response = 5181617	M
RT = 5.335	Response = 6524368	M

Reviewer: patelji, 10-Nov-2015 14:06:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

Report Date: 10-Nov-2015 14:08:28 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D

Injection Date: 08-Nov-2015 17:17:09 Instrument ID: CPESTGC8

Lims ID: LCSD 460-333841/3-A

Client ID:

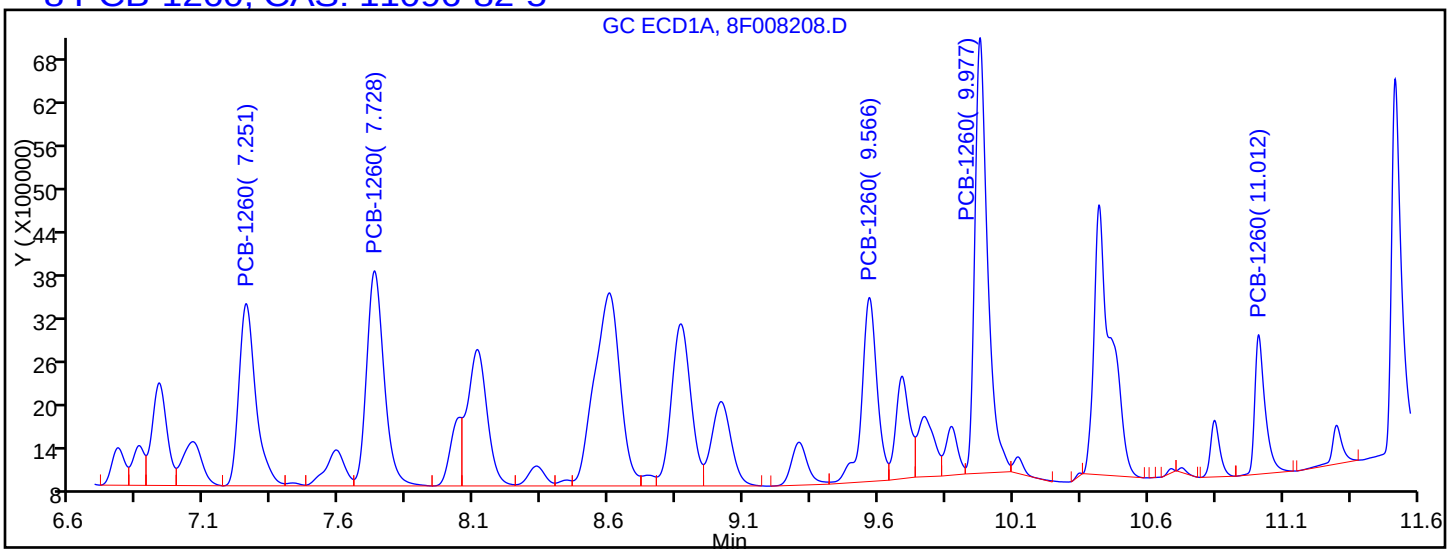
Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082ISTD Limit Group: GC 8082A PCB ISTD

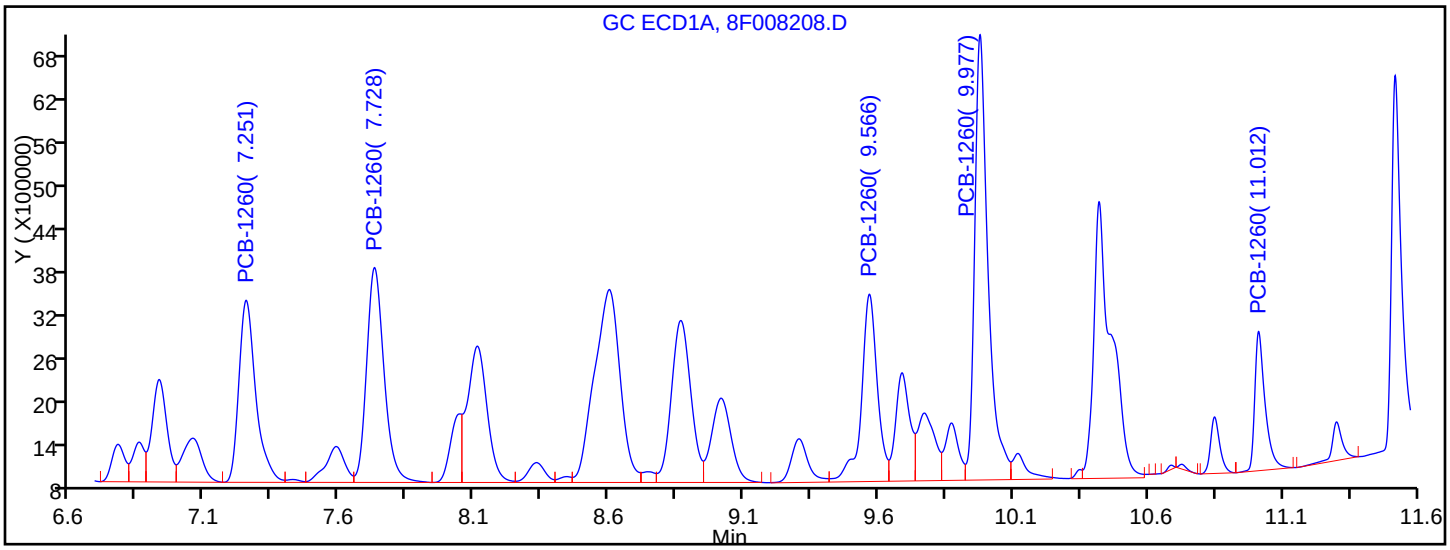
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 7.251	Response = 11040857	
RT = 7.728	Response = 13467835	
RT = 9.566	Response = 10191150	M
RT = 9.977	Response = 19947306	M
RT = 11.012	Response = 5144261	



Manual Integration Results

RT = 7.251	Response = 11040857	
RT = 7.728	Response = 13467835	
RT = 9.566	Response = 10732819	M
RT = 9.977	Response = 21431256	M
RT = 11.012	Response = 5144261	

Reviewer: patelji, 10-Nov-2015 14:06:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-333841/3-A

Matrix: Water | Lab File ID: 8F008208.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/07/2015 07:16

Sample wt/vol: 250(mL) | Date Analyzed: 11/08/2015 17:17

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.: 333978 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4.04		0.40	0.098
11096-82-5	Aroclor 1260	4.24		0.40	0.084

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		10-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D
Lims ID: LCSD 460-333841/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Nov-2015 17:17:09 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0033971-005
Operator ID: 615 Instrument ID: CPESTGC8

Method: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8082ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Nov-2015 14:08:17 Calib Date: 03-Aug-2015 14:18:39
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC8\20150803-30341.b\8F004880.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: XAWRK012

First Level Reviewer: patelji Date: 09-Nov-2015 10:27:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.692	1.694	-0.002	3868286	20.0	20.0	
2	1.471	1.469	0.002	2600170	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.687	2.691	-0.004	16987045	100.0	91.9	
2	2.169	2.168	0.001	11793096	100.0	90.3	
						RPD = 1.76	
5 PCB-1016							M
1	0.000	3.322	-3.322	0	1000.0	0	
1	3.838	3.842	-0.004	8690369	1000.0	950.1	
1	4.410	4.414	-0.004	15692292	1000.0	942.1	M
1	5.176	5.180	-0.004	5181617	1000.0	912.0	M
1	5.335	5.340	-0.005	6524368	1000.0	964.9	M
		Average of Peak Amounts =				942.3	
2	2.566	2.564	0.002	3322272	1000.0	1012.5	
2	0.000	2.960	-2.960	0	1000.0	0	
2	3.485	3.484	0.001	13350993	1000.0	1044.3	
2	3.640	3.639	0.001	5232547	1000.0	1000.4	
2	4.122	4.121	0.001	5695812	1000.0	985.8	
		Average of Peak Amounts =				1010.7	
						RPD = 7.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	7.251	7.259	-0.008	11040857	1000.0	827.7	
1	7.728	7.736	-0.008	13467835	1000.0	862.4	
1	9.566	9.569	-0.003	10732819	1000.0	1170.9	M
1	9.977	9.979	-0.002	21431256	1000.0	980.8	M
1	11.012	11.006	0.006	5144261	1000.0	919.6	
		Average of Peak Amounts =				952.3	
2	5.603	5.604	-0.001	9022269	1000.0	930.6	M
2	7.121	7.121	0.000	8342876	1000.0	1013.7	M
2	7.794	7.794	0.000	20044301	1000.0	1093.3	M
2	8.459	8.459	0.000	8905031	1000.0	896.5	M
2	9.842	9.840	0.002	5347707	1000.0	1360.8	M
		Average of Peak Amounts =				1059.0	
						RPD = 10.61	
$ 11 DCB Decachlorobiphenyl							
1	11.519	11.510	0.009	13714835	100.0	78.3	
2	10.417	10.413	0.004	12013070	100.0	88.3	
						RPD = 11.91	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

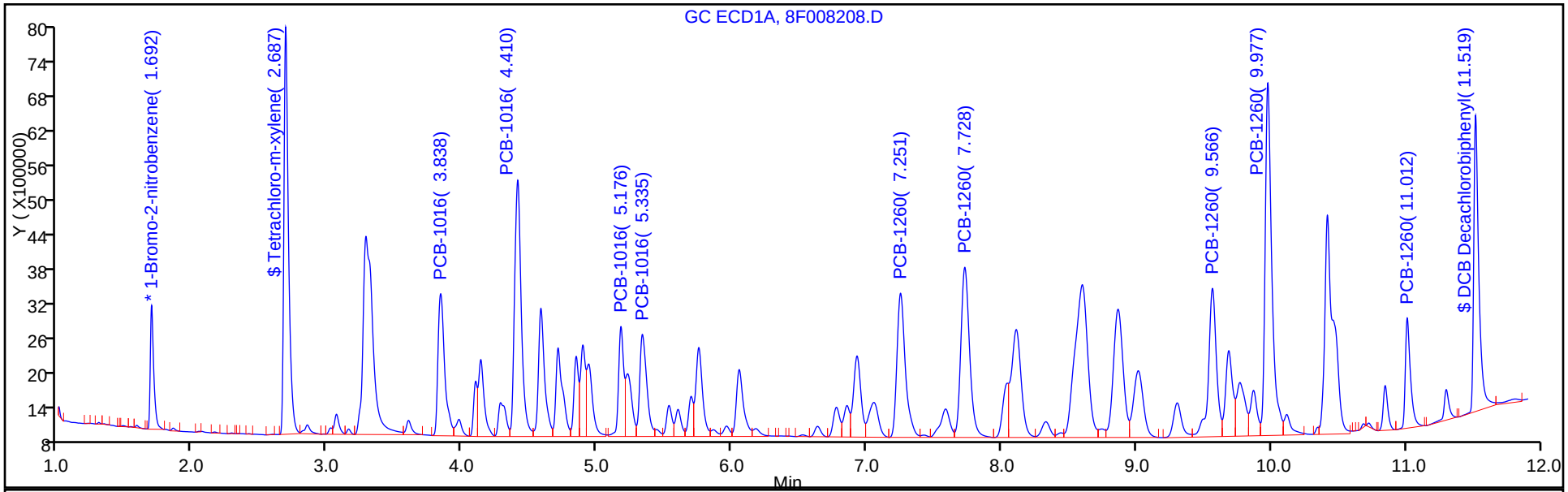
SGPCBISTD_00005 Amount Added: 20.00 Units: uL Run Reagent

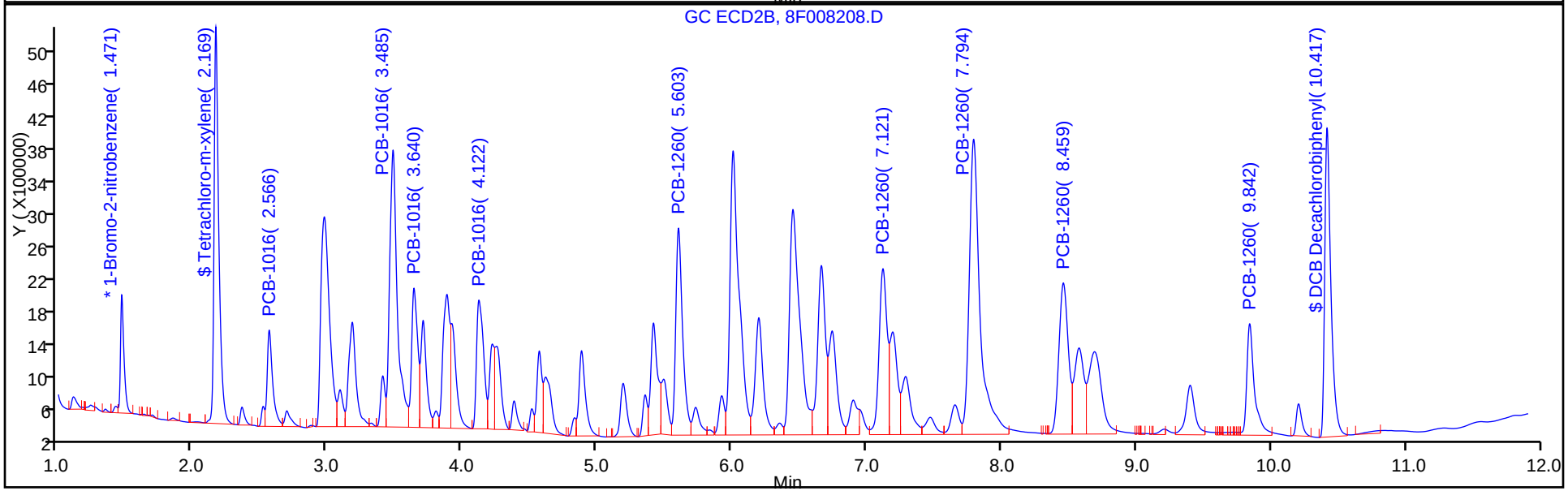
Report Date: 10-Nov-2015 14:08:29 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D

Injection Date:	08-Nov-2015 17:17:09	Instrument ID:	CPESTGC8	Operator ID:	615
Lims ID:	LCSD 460-333841/3-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		





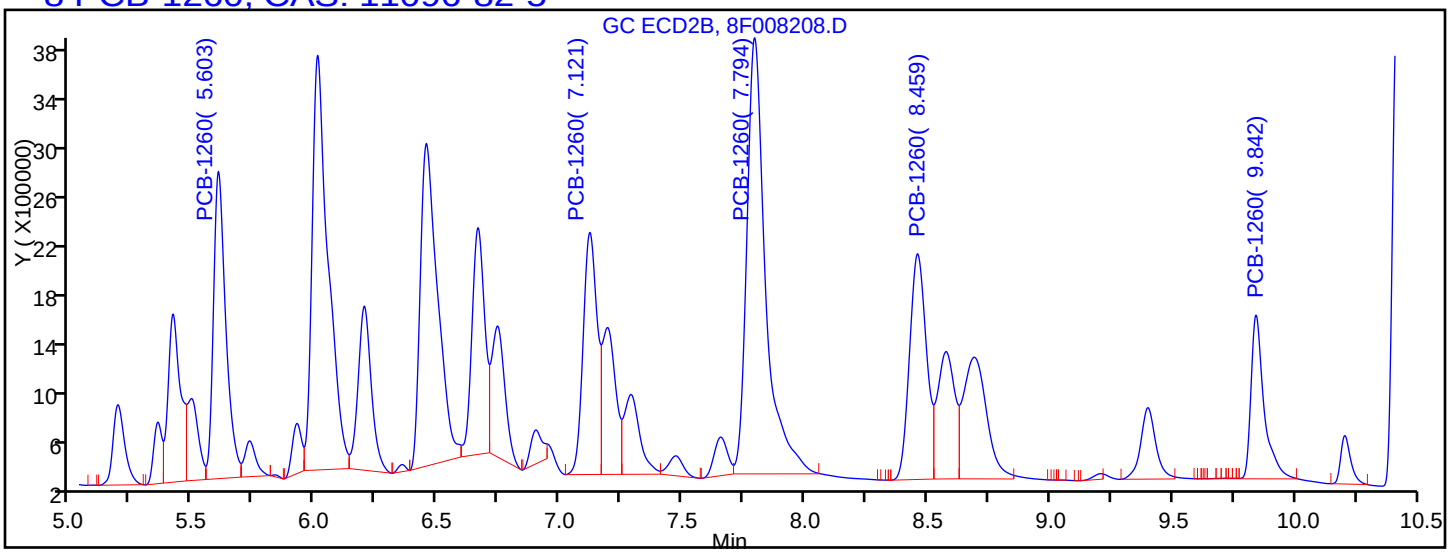
Report Date: 10-Nov-2015 14:08:30 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC8\20151108-33971.b\8F008208.D

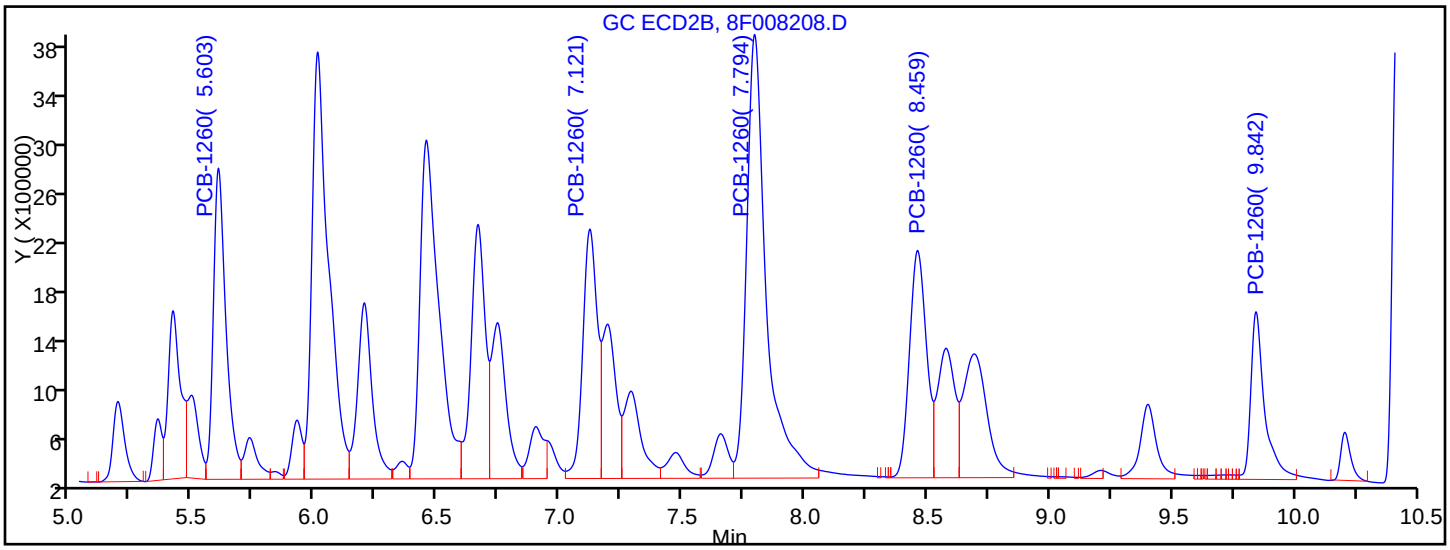
Injection Date:	08-Nov-2015 17:17:09	Instrument ID:	CPESTGC8		
Lims ID:	LCSD 460-333841/3-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD2B		

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

RT = 5.603	Response = 8722369	M
RT = 7.121	Response = 7826523	M
RT = 7.794	Response = 18778566	M
RT = 8.459	Response = 8778642	M
RT = 9.842	Response = 4903875	M



Manual Integration Results

RT = 5.603	Response = 9022269	M
RT = 7.121	Response = 8342876	M
RT = 7.794	Response = 20044301	M
RT = 8.459	Response = 8905031	M
RT = 9.842	Response = 5347707	M

Reviewer: patelji, 10-Nov-2015 14:06:06

Audit Action: Assigned New Baseline

Audit Reason: Sample matrix interference

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MS | Lab Sample ID: 460-104096-1 MS

Matrix: Solid | Lab File ID: 8F008333.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0051(g) | Date Analyzed: 11/11/2015 01:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*6650*		*700*	*93*
11104-28-2	*Aroclor 1221*	*93*	*U*	*700*	*93*
11141-16-5	*Aroclor 1232*	*93*	*U*	*700*	*93*
53469-21-9	*Aroclor 1242*	*93*	*U*	*700*	*93*
12672-29-6	*Aroclor 1248*	*93*	*U*	*700*	*93*
11097-69-1	*Aroclor 1254*	*96*	*U*	*700*	*96*
11096-82-5	*Aroclor 1260*	*1590*		*700*	*96*
37324-23-5	*Aroclor 1262*	*96*	*U*	*700*	*96*
11100-14-4	*Aroclor 1268*	*96*	*U*	*700*	*96*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	131	D	47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MS | Lab Sample ID: 460-104096-1 MS

Matrix: Solid | Lab File ID: 8F008333.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0051(g) | Date Analyzed: 11/11/2015 01:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3690		700	93
11104-28-2	Aroclor 1221	93	U	700	93
11141-16-5	Aroclor 1232	93	U	700	93
53469-21-9	Aroclor 1242	93	U	700	93
12672-29-6	Aroclor 1248	93	U	700	93
11097-69-1	Aroclor 1254	96	U	700	96
11096-82-5	Aroclor 1260	1050		700	96
37324-23-5	Aroclor 1262	96	U	700	96
11100-14-4	Aroclor 1268	96	U	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122	*D*	47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103656-F-10-C MS

Matrix: Solid | Lab File ID: VR504393.D

Analysis Method: 8082A | Date Collected: 10/28/2015 13:40

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0382(g) | Date Analyzed: 11/10/2015 11:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*273*		*73*	*9.7*
11104-28-2	*Aroclor 1221*	*9.7*	*U*	*73*	*9.7*
11141-16-5	*Aroclor 1232*	*9.7*	*U*	*73*	*9.7*
53469-21-9	*Aroclor 1242*	*9.7*	*U*	*73*	*9.7*
12672-29-6	*Aroclor 1248*	*9.7*	*U*	*73*	*9.7*
11097-69-1	*Aroclor 1254*	*10*	*U*	*73*	*10*
11096-82-5	Aroclor 1260	291		73	10
37324-23-5	*Aroclor 1262*	*10*	*U*	*73*	*10*
11100-14-4	*Aroclor 1268*	*10*	*U*	*73*	*10*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103656-F-10-C MS

Matrix: Solid | Lab File ID: VR504393.D

Analysis Method: 8082A | Date Collected: 10/28/2015 13:40

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0382(g) | Date Analyzed: 11/10/2015 11:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	286		73	9.7
11104-28-2	Aroclor 1221	9.7	U	73	9.7
11141-16-5	Aroclor 1232	9.7	U	73	9.7
53469-21-9	Aroclor 1242	9.7	U	73	9.7
12672-29-6	Aroclor 1248	9.7	U	73	9.7
11097-69-1	Aroclor 1254	10	U	73	10
11096-82-5	*Aroclor 1260*	*281*		*73*	*10*
37324-23-5	Aroclor 1262	10	U	73	10
11100-14-4	Aroclor 1268	10	U	73	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103944-A-9-I MS

Matrix: Solid | Lab File ID: VR504414.D

Analysis Method: 8082A | Date Collected: 11/03/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0014(g) | Date Analyzed: 11/10/2015 18:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*395*		*74*	*9.9*
11104-28-2	*Aroclor 1221*	*9.9*	*U*	*74*	*9.9*
11141-16-5	*Aroclor 1232*	*9.9*	*U*	*74*	*9.9*
53469-21-9	*Aroclor 1242*	*9.9*	*U*	*74*	*9.9*
12672-29-6	*Aroclor 1248*	*9.9*	*U*	*74*	*9.9*
11097-69-1	*Aroclor 1254*	*10*	*U*	*74*	*10*
11096-82-5	*Aroclor 1260*	*301*		*74*	*10*
37324-23-5	*Aroclor 1262*	*10*	*U*	*74*	*10*
11100-14-4	*Aroclor 1268*	*10*	*U*	*74*	*10*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103944-A-9-I MS

Matrix: Solid | Lab File ID: VR504414.D

Analysis Method: 8082A | Date Collected: 11/03/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0014(g) | Date Analyzed: 11/10/2015 18:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	445		74	9.9
11104-28-2	Aroclor 1221	9.9	U	74	9.9
11141-16-5	Aroclor 1232	9.9	U	74	9.9
53469-21-9	Aroclor 1242	9.9	U	74	9.9
12672-29-6	Aroclor 1248	9.9	U	74	9.9
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	329		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MSD | Lab Sample ID: 460-104096-1 MSD

Matrix: Solid | Lab File ID: 8F008334.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0034(g) | Date Analyzed: 11/11/2015 02:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	4520		700	93
11104-28-2	*Aroclor 1221*	*93*	*U*	*700*	*93*
11141-16-5	*Aroclor 1232*	*93*	*U*	*700*	*93*
53469-21-9	*Aroclor 1242*	*93*	*U*	*700*	*93*
12672-29-6	*Aroclor 1248*	*93*	*U*	*700*	*93*
11097-69-1	*Aroclor 1254*	*96*	*U*	*700*	*96*
11096-82-5	*Aroclor 1260*	*1580*		*700*	*96*
37324-23-5	*Aroclor 1262*	*96*	*U*	*700*	*96*
11100-14-4	*Aroclor 1268*	*96*	*U*	*700*	*96*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126	D	47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-10-NW2-WT MSD | Lab Sample ID: 460-104096-1 MSD

Matrix: Solid | Lab File ID: 8F008334.D

Analysis Method: 8082A | Date Collected: 11/05/2015 13:35

Extraction Method: 3546 | Date Extracted: 11/10/2015 04:54

Sample wt/vol: 15.0034(g) | Date Analyzed: 11/11/2015 02:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334446 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*3360*		*700*	*93*
11104-28-2	Aroclor 1221	93	U	700	93
11141-16-5	Aroclor 1232	93	U	700	93
53469-21-9	Aroclor 1242	93	U	700	93
12672-29-6	Aroclor 1248	93	U	700	93
11097-69-1	Aroclor 1254	96	U	700	96
11096-82-5	Aroclor 1260	929		700	96
37324-23-5	Aroclor 1262	96	U	700	96
11100-14-4	Aroclor 1268	96	U	700	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113	*D*	47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103656-F-10-D MSD

Matrix: Solid | Lab File ID: VR504394.D

Analysis Method: 8082A | Date Collected: 10/28/2015 13:40

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0125(g) | Date Analyzed: 11/10/2015 11:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*257*		*73*	*9.7*
11104-28-2	*Aroclor 1221*	*9.7*	*U*	*73*	*9.7*
11141-16-5	*Aroclor 1232*	*9.7*	*U*	*73*	*9.7*
53469-21-9	*Aroclor 1242*	*9.7*	*U*	*73*	*9.7*
12672-29-6	*Aroclor 1248*	*9.7*	*U*	*73*	*9.7*
11097-69-1	*Aroclor 1254*	*10*	*U*	*73*	*10*
11096-82-5	*Aroclor 1260*	*261*		*73*	*10*
37324-23-5	*Aroclor 1262*	*10*	*U*	*73*	*10*
11100-14-4	*Aroclor 1268*	*10*	*U*	*73*	*10*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103656-F-10-D MSD

Matrix: Solid | Lab File ID: VR504394.D

Analysis Method: 8082A | Date Collected: 10/28/2015 13:40

Extraction Method: 3546 | Date Extracted: 11/09/2015 10:28

Sample wt/vol: 15.0125(g) | Date Analyzed: 11/10/2015 11:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334363 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	265		73	9.7
11104-28-2	Aroclor 1221	9.7	U	73	9.7
11141-16-5	Aroclor 1232	9.7	U	73	9.7
53469-21-9	Aroclor 1242	9.7	U	73	9.7
12672-29-6	Aroclor 1248	9.7	U	73	9.7
11097-69-1	Aroclor 1254	10	U	73	10
11096-82-5	Aroclor 1260	272		73	10
37324-23-5	Aroclor 1262	10	U	73	10
11100-14-4	Aroclor 1268	10	U	73	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103944-A-9-J MSD

Matrix: Solid | Lab File ID: VR504415.D

Analysis Method: 8082A | Date Collected: 11/03/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/10/2015 18:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*359*		*74*	*9.9*
11104-28-2	*Aroclor 1221*	*9.9*	*U*	*74*	*9.9*
11141-16-5	*Aroclor 1232*	*9.9*	*U*	*74*	*9.9*
53469-21-9	*Aroclor 1242*	*9.9*	*U*	*74*	*9.9*
12672-29-6	*Aroclor 1248*	*9.9*	*U*	*74*	*9.9*
11097-69-1	*Aroclor 1254*	*10*	*U*	*74*	*10*
11096-82-5	*Aroclor 1260*	*291*		*74*	*10*
37324-23-5	*Aroclor 1262*	*10*	*U*	*74*	*10*
11100-14-4	*Aroclor 1268*	*10*	*U*	*74*	*10*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-103944-A-9-J MSD

Matrix: Solid | Lab File ID: VR504415.D

Analysis Method: 8082A | Date Collected: 11/03/2015 11:45

Extraction Method: 3546 | Date Extracted: 11/10/2015 05:01

Sample wt/vol: 15.0013(g) | Date Analyzed: 11/10/2015 18:21

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334464 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	415		74	9.9
11104-28-2	Aroclor 1221	9.9	U	74	9.9
11141-16-5	Aroclor 1232	9.9	U	74	9.9
53469-21-9	Aroclor 1242	9.9	U	74	9.9
12672-29-6	Aroclor 1248	9.9	U	74	9.9
11097-69-1	Aroclor 1254	10	U	74	10
11096-82-5	Aroclor 1260	336		74	10
37324-23-5	Aroclor 1262	10	U	74	10
11100-14-4	Aroclor 1268	10	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		47-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 08/03/2015 10:33

Analysis Batch Number: 314286 End Date: 08/03/2015 14:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-314286/1		08/03/2015 10:33	1		CLP-2 0.53(mm)
PIBLK 460-314286/1		08/03/2015 10:33	1		CLP-1 0.53(mm)
IC 460-314286/2		08/03/2015 10:50	1	8F004868.D	CLP-2 0.53(mm)
IC 460-314286/2		08/03/2015 10:50	1	8F004868.D	CLP-1 0.53(mm)
IC 460-314286/3		08/03/2015 11:07	1	8F004869.D	CLP-2 0.53(mm)
IC 460-314286/3		08/03/2015 11:07	1	8F004869.D	CLP-1 0.53(mm)
IC 460-314286/4 ICIS		08/03/2015 11:24	1	8F004870.D	CLP-2 0.53(mm)
IC 460-314286/4 ICIS		08/03/2015 11:24	1	8F004870.D	CLP-1 0.53(mm)
IC 460-314286/5		08/03/2015 11:42	1	8F004871.D	CLP-2 0.53(mm)
IC 460-314286/5		08/03/2015 11:42	1	8F004871.D	CLP-1 0.53(mm)
IC 460-314286/6		08/03/2015 11:59	1	8F004872.D	CLP-2 0.53(mm)
IC 460-314286/6		08/03/2015 11:59	1	8F004872.D	CLP-1 0.53(mm)
ICV 460-314286/7		08/03/2015 12:17	1		CLP-2 0.53(mm)
ICV 460-314286/7		08/03/2015 12:17	1		CLP-1 0.53(mm)
IC 460-314286/8		08/03/2015 12:34	1	8F004874.D	CLP-2 0.53(mm)
IC 460-314286/8		08/03/2015 12:34	1	8F004874.D	CLP-1 0.53(mm)
IC 460-314286/9		08/03/2015 12:51	1	8F004875.D	CLP-2 0.53(mm)
IC 460-314286/9		08/03/2015 12:51	1	8F004875.D	CLP-1 0.53(mm)
IC 460-314286/10		08/03/2015 13:09	1	8F004876.D	CLP-2 0.53(mm)
IC 460-314286/10		08/03/2015 13:09	1	8F004876.D	CLP-1 0.53(mm)
IC 460-314286/11		08/03/2015 13:26	1	8F004877.D	CLP-2 0.53(mm)
IC 460-314286/11		08/03/2015 13:26	1	8F004877.D	CLP-1 0.53(mm)
IC 460-314286/12		08/03/2015 13:43	1	8F004878.D	CLP-2 0.53(mm)
IC 460-314286/12		08/03/2015 13:43	1	8F004878.D	CLP-1 0.53(mm)
IC 460-314286/13		08/03/2015 14:00	1	8F004879.D	CLP-2 0.53(mm)
IC 460-314286/13		08/03/2015 14:00	1	8F004879.D	CLP-1 0.53(mm)
IC 460-314286/14		08/03/2015 14:18	1	8F004880.D	CLP-2 0.53(mm)
IC 460-314286/14		08/03/2015 14:18	1	8F004880.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/08/2015 15:03

Analysis Batch Number: 333978 End Date: 11/09/2015 00:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/08/2015 15:03	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 15:03	1		CLP-1 0.53(mm)
CCVIS 460-333978/2		11/08/2015 15:44	1	8F008205.D	CLP-2 0.53(mm)
CCVIS 460-333978/2		11/08/2015 15:44	1	8F008205.D	CLP-1 0.53(mm)
MB 460-333841/1-A		11/08/2015 16:42	1	8F008206.D	CLP-2 0.53(mm)
MB 460-333841/1-A		11/08/2015 16:42	1	8F008206.D	CLP-1 0.53(mm)
LCS 460-333841/2-A		11/08/2015 17:00	1	8F008207.D	CLP-2 0.53(mm)
LCS 460-333841/2-A		11/08/2015 17:00	1	8F008207.D	CLP-1 0.53(mm)
LCSD 460-333841/3-A		11/08/2015 17:17	1	8F008208.D	CLP-2 0.53(mm)
LCSD 460-333841/3-A		11/08/2015 17:17	1	8F008208.D	CLP-1 0.53(mm)
ZZZZZ		11/08/2015 17:34	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 17:34	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 17:51	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 17:51	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 18:07	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 18:07	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 18:24	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 18:24	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 18:42	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 18:42	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 18:59	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 18:59	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 19:17	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 19:17	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 19:34	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 19:34	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 19:51	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 19:51	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 20:08	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 20:08	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 20:25	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 20:25	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 20:42	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 20:42	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 20:59	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 20:59	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 21:16	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 21:16	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 21:33	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 21:33	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 21:50	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 21:50	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 22:07	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 22:07	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 22:23	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/08/2015 15:03

Analysis Batch Number: 333978 End Date: 11/09/2015 00:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/08/2015 22:23	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 22:41	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 22:41	1		CLP-1 0.53(mm)
460-104096-37	FB_20151105	11/08/2015 22:58	1	8F008228.D	CLP-2 0.53(mm)
460-104096-37	FB_20151105	11/08/2015 22:58	1	8F008228.D	CLP-1 0.53(mm)
ZZZZZ		11/08/2015 23:15	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 23:15	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 23:32	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 23:32	1		CLP-1 0.53(mm)
ZZZZZ		11/08/2015 23:50	1		CLP-2 0.53(mm)
ZZZZZ		11/08/2015 23:50	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 00:07	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 00:07	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 00:24	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 00:24	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 00:41	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 00:41	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/10/2015 15:08

Analysis Batch Number: 334446 End Date: 11/11/2015 08:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2015 15:08	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 15:08	1		CLP-1 0.53(mm)
CCVIS 460-334446/2		11/10/2015 15:25	1	8F008297.D	CLP-2 0.53(mm)
CCVIS 460-334446/2		11/10/2015 15:25	1	8F008297.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 15:51	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 15:51	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 16:08	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 16:08	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 16:25	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 16:25	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 16:42	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 16:42	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 16:59	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 16:59	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 17:16	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 17:16	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 17:33	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 17:33	1		CLP-1 0.53(mm)
460-104096-4	PMP-2-NW2-12.75	11/10/2015 17:50	1	8F008305.D	CLP-2 0.53(mm)
460-104096-4	PMP-2-NW2-12.75	11/10/2015 17:50	1	8F008305.D	CLP-1 0.53(mm)
460-104096-5	PMP-23-NW2-V	11/10/2015 18:07	1	8F008306.D	CLP-2 0.53(mm)
460-104096-5	PMP-23-NW2-V	11/10/2015 18:07	1	8F008306.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 18:24	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 18:24	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 18:41	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 18:41	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 18:57	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 18:57	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:13	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:13	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:29	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:29	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:44	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:44	1		CLP-1 0.53(mm)
460-104096-12	PMP-4-NW2-V	11/10/2015 20:00	1	8F008313.D	CLP-2 0.53(mm)
460-104096-12	PMP-4-NW2-V	11/10/2015 20:00	1	8F008313.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:16	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:16	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:32	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:32	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:47	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:47	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 21:03	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 21:03	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 21:19	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/10/2015 15:08

Analysis Batch Number: 334446 End Date: 11/11/2015 08:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2015 21:19	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 21:35	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 21:35	1		CLP-1 0.53(mm)
460-104096-19	PMP-7-NW2-0.75	11/10/2015 21:50	1	8F008320.D	CLP-2 0.53(mm)
460-104096-19	PMP-7-NW2-0.75	11/10/2015 21:50	1	8F008320.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:06	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:06	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:22	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:22	1		CLP-1 0.53(mm)
CCV 460-334446/28		11/10/2015 22:38	1	8F008323.D	CLP-2 0.53(mm)
CCV 460-334446/28		11/10/2015 22:38	1	8F008323.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:53	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:53	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:09	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:09	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:25	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:25	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:40	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:40	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:56	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:56	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 00:12	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 00:12	1		CLP-1 0.53(mm)
CCVIS 460-334446/35		11/11/2015 00:28	1	8F008330.D	CLP-2 0.53(mm)
CCVIS 460-334446/35		11/11/2015 00:28	1	8F008330.D	CLP-1 0.53(mm)
MB 460-334269/1-A		11/11/2015 01:18	1	8F008331.D	CLP-2 0.53(mm)
MB 460-334269/1-A		11/11/2015 01:18	1	8F008331.D	CLP-1 0.53(mm)
LCS 460-334269/2-A		11/11/2015 01:33	1	8F008332.D	CLP-2 0.53(mm)
LCS 460-334269/2-A		11/11/2015 01:33	1	8F008332.D	CLP-1 0.53(mm)
460-104096-1 MS	PMP-10-NW2-WT MS	11/11/2015 01:49	10	8F008333.D	CLP-2 0.53(mm)
460-104096-1 MS	PMP-10-NW2-WT MS	11/11/2015 01:49	10	8F008333.D	CLP-1 0.53(mm)
460-104096-1 MSD	PMP-10-NW2-WT MSD	11/11/2015 02:05	10	8F008334.D	CLP-2 0.53(mm)
460-104096-1 MSD	PMP-10-NW2-WT MSD	11/11/2015 02:05	10	8F008334.D	CLP-1 0.53(mm)
460-104096-1	PMP-10-NW2-WT	11/11/2015 02:20	10	8F008335.D	CLP-2 0.53(mm)
460-104096-1	PMP-10-NW2-WT	11/11/2015 02:20	10	8F008335.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 02:36	100		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 02:36	100		CLP-1 0.53(mm)
460-104096-3	PMP-2-NW2-S	11/11/2015 02:52	50	8F008337.D	CLP-2 0.53(mm)
460-104096-3	PMP-2-NW2-S	11/11/2015 02:52	50	8F008337.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:07	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:07	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:23	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:23	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:39	100		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:39	100		CLP-1 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/10/2015 15:08

Analysis Batch Number: 334446 End Date: 11/11/2015 08:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 03:54	200		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:54	200		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:10	200		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:10	200		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:26	200		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:26	200		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:41	200		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:41	200		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:57	200		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:57	200		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 05:13	50		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 05:13	50		CLP-1 0.53(mm)
460-104096-13	PMP-5-NW2-WT	11/11/2015 05:29	50	8F008347.D	CLP-2 0.53(mm)
460-104096-13	PMP-5-NW2-WT	11/11/2015 05:29	50	8F008347.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 05:44	10		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 05:44	10		CLP-1 0.53(mm)
460-104096-15	PMP-5-NW2-12.75	11/11/2015 06:00	10	8F008349.D	CLP-2 0.53(mm)
460-104096-15	PMP-5-NW2-12.75	11/11/2015 06:00	10	8F008349.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 06:17	50		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 06:17	50		CLP-1 0.53(mm)
460-104096-17	PMP-6-NW2-S	11/11/2015 06:34	20	8F008351.D	CLP-2 0.53(mm)
460-104096-17	PMP-6-NW2-S	11/11/2015 06:34	20	8F008351.D	CLP-1 0.53(mm)
460-104096-18	PMP-6-NW2-12.75	11/11/2015 06:51	1	8F008352.D	CLP-2 0.53(mm)
460-104096-18	PMP-6-NW2-12.75	11/11/2015 06:51	1	8F008352.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 07:08	10		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 07:08	10		CLP-1 0.53(mm)
460-104096-20	PMP-7-NW2-DV	11/11/2015 07:25	10	8F008354.D	CLP-2 0.53(mm)
460-104096-20	PMP-7-NW2-DV	11/11/2015 07:25	10	8F008354.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 07:41	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 07:41	1		CLP-1 0.53(mm)
CCV 460-334446/61		11/11/2015 07:58	1	8F008356.D	CLP-2 0.53(mm)
CCV 460-334446/61		11/11/2015 07:58	1	8F008356.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 08:14	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 08:14	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 11/11/2015 08:50

Analysis Batch Number: 334643 End Date: 11/11/2015 15:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 08:50	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 08:50	1		CLP-1 0.53(mm)
CCVIS 460-334643/2		11/11/2015 09:07	1	8F008359.D	CLP-2 0.53(mm)
CCVIS 460-334643/2		11/11/2015 09:07	1	8F008359.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 09:43	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 09:43	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 10:00	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 10:00	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 10:17	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 10:17	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 10:34	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 10:34	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 10:51	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 10:51	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 11:16	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 11:16	1		CLP-1 0.53(mm)
460-104096-2	PMP-2-NW2-WT	11/11/2015 11:45	200	8F008366.D	CLP-2 0.53(mm)
460-104096-2	PMP-2-NW2-WT	11/11/2015 11:45	200	8F008366.D	CLP-1 0.53(mm)
460-104096-6	PMP-24-NW2-V	11/11/2015 12:02	500	8F008367.D	CLP-2 0.53(mm)
460-104096-6	PMP-24-NW2-V	11/11/2015 12:02	500	8F008367.D	CLP-1 0.53(mm)
460-104096-7	PMP-24-NW2-3.75	11/11/2015 12:18	2000	8F008368.D	CLP-2 0.53(mm)
460-104096-7	PMP-24-NW2-3.75	11/11/2015 12:18	2000	8F008368.D	CLP-1 0.53(mm)
460-104096-8	PMP-24-NW2-DV	11/11/2015 13:25	2000	8F008369.D	CLP-2 0.53(mm)
460-104096-8	PMP-24-NW2-DV	11/11/2015 13:25	2000	8F008369.D	CLP-1 0.53(mm)
460-104096-9	PMP-24-NW2-WT	11/11/2015 13:41	400	8F008370.D	CLP-2 0.53(mm)
460-104096-9	PMP-24-NW2-WT	11/11/2015 13:41	400	8F008370.D	CLP-1 0.53(mm)
460-104096-10	PMP-24-NW2-S	11/11/2015 13:58	1000	8F008371.D	CLP-2 0.53(mm)
460-104096-10	PMP-24-NW2-S	11/11/2015 13:58	1000	8F008371.D	CLP-1 0.53(mm)
460-104096-11	PMP-24-NW2-12.75	11/11/2015 14:15	1000	8F008372.D	CLP-2 0.53(mm)
460-104096-11	PMP-24-NW2-12.75	11/11/2015 14:15	1000	8F008372.D	CLP-1 0.53(mm)
460-104096-14	PMP-5-NW2-S	11/11/2015 14:31	50	8F008373.D	CLP-2 0.53(mm)
460-104096-14	PMP-5-NW2-S	11/11/2015 14:31	50	8F008373.D	CLP-1 0.53(mm)
460-104096-16	PMP-6-NW2-WT	11/11/2015 14:47	100	8F008374.D	CLP-2 0.53(mm)
460-104096-16	PMP-6-NW2-WT	11/11/2015 14:47	100	8F008374.D	CLP-1 0.53(mm)
CCV 460-334643/18		11/11/2015 15:02	1	8F008375.D	CLP-2 0.53(mm)
CCV 460-334643/18		11/11/2015 15:02	1	8F008375.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 09/30/2015 09:31

Analysis Batch Number: 325682 End Date: 09/30/2015 13:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/30/2015 09:31	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 09:31	1		CLP-1 0.53(mm)
IC 460-325682/2		09/30/2015 09:47	1	VR503358.D	CLP-2 0.53(mm)
IC 460-325682/2		09/30/2015 09:47	1	VR503358.D	CLP-1 0.53(mm)
ZZZZZ		09/30/2015 10:03	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 10:03	1		CLP-1 0.53(mm)
IC 460-325682/4 ICIS		09/30/2015 10:19	1	VR503360.D	CLP-2 0.53(mm)
IC 460-325682/4 ICIS		09/30/2015 10:19	1	VR503360.D	CLP-1 0.53(mm)
IC 460-325682/5		09/30/2015 10:34	1	VR503361.D	CLP-2 0.53(mm)
IC 460-325682/5		09/30/2015 10:34	1	VR503361.D	CLP-1 0.53(mm)
IC 460-325682/6		09/30/2015 10:50	1	VR503362.D	CLP-2 0.53(mm)
IC 460-325682/6		09/30/2015 10:50	1	VR503362.D	CLP-1 0.53(mm)
ZZZZZ		09/30/2015 11:06	1		CLP-2 0.53(mm)
ZZZZZ		09/30/2015 11:06	1		CLP-1 0.53(mm)
IC 460-325682/21		09/30/2015 11:22	1	VR503364.D	CLP-2 0.53(mm)
IC 460-325682/21		09/30/2015 11:22	1	VR503364.D	CLP-1 0.53(mm)
ICV 460-325682/22		09/30/2015 11:45	1		CLP-2 0.53(mm)
ICV 460-325682/22		09/30/2015 11:45	1		CLP-1 0.53(mm)
IC 460-325682/8		09/30/2015 12:01	1	VR503366.D	CLP-2 0.53(mm)
IC 460-325682/8		09/30/2015 12:01	1	VR503366.D	CLP-1 0.53(mm)
IC 460-325682/9		09/30/2015 12:17	1	VR503367.D	CLP-2 0.53(mm)
IC 460-325682/9		09/30/2015 12:17	1	VR503367.D	CLP-1 0.53(mm)
IC 460-325682/10		09/30/2015 12:33	1	VR503368.D	CLP-2 0.53(mm)
IC 460-325682/10		09/30/2015 12:33	1	VR503368.D	CLP-1 0.53(mm)
IC 460-325682/11		09/30/2015 12:49	1	VR503369.D	CLP-2 0.53(mm)
IC 460-325682/11		09/30/2015 12:49	1	VR503369.D	CLP-1 0.53(mm)
IC 460-325682/12		09/30/2015 13:04	1	VR503370.D	CLP-2 0.53(mm)
IC 460-325682/12		09/30/2015 13:04	1	VR503370.D	CLP-1 0.53(mm)
IC 460-325682/13		09/30/2015 13:20	1	VR503371.D	CLP-2 0.53(mm)
IC 460-325682/13		09/30/2015 13:20	1	VR503371.D	CLP-1 0.53(mm)
IC 460-325682/14		09/30/2015 13:36	1	VR503372.D	CLP-2 0.53(mm)
IC 460-325682/14		09/30/2015 13:36	1	VR503372.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/09/2015 21:09

Analysis Batch Number: 334219 End Date: 11/10/2015 10:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/09/2015 21:09	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 21:09	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 21:25	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 21:25	1		CLP-1 0.53(mm)
CCVIS 460-334219/3		11/09/2015 21:46	1	VR504368.D	CLP-2 0.53(mm)
CCVIS 460-334219/3		11/09/2015 21:46	1	VR504368.D	CLP-1 0.53(mm)
MB 460-334079/1-A		11/09/2015 22:30	1	VR504369.D	CLP-2 0.53(mm)
MB 460-334079/1-A		11/09/2015 22:30	1	VR504369.D	CLP-1 0.53(mm)
LCS 460-334079/2-A		11/09/2015 22:46	1	VR504370.D	CLP-2 0.53(mm)
LCS 460-334079/2-A		11/09/2015 22:46	1	VR504370.D	CLP-1 0.53(mm)
ZZZZZ		11/09/2015 23:01	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 23:01	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 23:17	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 23:17	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 23:33	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 23:33	1		CLP-1 0.53(mm)
ZZZZZ		11/09/2015 23:48	1		CLP-2 0.53(mm)
ZZZZZ		11/09/2015 23:48	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 00:04	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 00:04	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 00:20	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 00:20	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 00:36	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 00:36	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 00:51	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 00:51	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 01:07	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 01:07	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 01:23	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 01:23	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 01:39	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 01:39	1		CLP-1 0.53(mm)
460-104096-31	PRA-25 EE-1.75	11/10/2015 03:21	1	VR504382.D	CLP-2 0.53(mm)
460-104096-31	PRA-25 EE-1.75	11/10/2015 03:21	1	VR504382.D	CLP-1 0.53(mm)
460-104096-32	PRA-25 EE-3.75	11/10/2015 08:37	1	VR504383.D	CLP-2 0.53(mm)
460-104096-32	PRA-25 EE-3.75	11/10/2015 08:37	1	VR504383.D	CLP-1 0.53(mm)
460-104096-33	PRA-6 SE-1.75	11/10/2015 08:52	1	VR504384.D	CLP-2 0.53(mm)
460-104096-33	PRA-6 SE-1.75	11/10/2015 08:52	1	VR504384.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 09:08	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 09:08	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 09:24	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 09:24	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 09:49	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 09:49	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 10:10	1		CLP-2 0.53(mm)

8082A

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/09/2015 21:09

Analysis Batch Number: 334219 End Date: 11/10/2015 10:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2015 10:10	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/10/2015 10:31

Analysis Batch Number: 334363 End Date: 11/10/2015 16:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-334363/1		11/10/2015 10:31	1	VR504389.D	CLP-2 0.53(mm)
CCVIS 460-334363/1		11/10/2015 10:31	1	VR504389.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 10:54	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 10:54	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 11:10	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 11:10	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 11:26	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 11:26	1		CLP-1 0.53(mm)
460-103656-F-10-C MS		11/10/2015 11:41	1	VR504393.D	CLP-2 0.53(mm)
460-103656-F-10-C MS		11/10/2015 11:41	1	VR504393.D	CLP-1 0.53(mm)
460-103656-F-10-D MSD		11/10/2015 11:57	1	VR504394.D	CLP-2 0.53(mm)
460-103656-F-10-D MSD		11/10/2015 11:57	1	VR504394.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 12:13	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 12:13	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 12:29	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 12:29	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 12:45	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 12:45	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 13:00	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 13:00	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 13:16	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 13:16	1		CLP-1 0.53(mm)
460-104096-30	PRA-25 E-3.75	11/10/2015 13:32	5	VR504400.D	CLP-2 0.53(mm)
460-104096-30	PRA-25 E-3.75	11/10/2015 13:32	5	VR504400.D	CLP-1 0.53(mm)
460-104096-34	PRA-5 SE-3.75	11/10/2015 13:48	5	VR504401.D	CLP-2 0.53(mm)
460-104096-34	PRA-5 SE-3.75	11/10/2015 13:48	5	VR504401.D	CLP-1 0.53(mm)
460-104096-35	PRA-2 NW-3.75	11/10/2015 14:03	10	VR504402.D	CLP-2 0.53(mm)
460-104096-35	PRA-2 NW-3.75	11/10/2015 14:03	10	VR504402.D	CLP-1 0.53(mm)
460-104096-36	DUP_2015_11_05	11/10/2015 14:19	50	VR504403.D	CLP-2 0.53(mm)
460-104096-36	DUP_2015_11_05	11/10/2015 14:19	50	VR504403.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 14:35	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 14:35	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 14:51	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 14:51	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 15:06	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 15:06	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 15:39	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 15:39	1		CLP-1 0.53(mm)
CCV 460-334363/20		11/10/2015 15:54	1	VR504408.D	CLP-2 0.53(mm)
CCV 460-334363/20		11/10/2015 15:54	1	VR504408.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 16:10	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 16:10	1		CLP-1 0.53(mm)
CCV 460-334363/22		11/10/2015 16:33	1	VR504410.D	CLP-2 0.53(mm)
CCV 460-334363/22		11/10/2015 16:33	1	VR504410.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/10/2015 17:16

Analysis Batch Number: 334464 End Date: 11/11/2015 04:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-334464/1		11/10/2015 17:16	1	VR504411.D	CLP-2 0.53(mm)
CCVIS 460-334464/1		11/10/2015 17:16	1	VR504411.D	CLP-1 0.53(mm)
MB 460-334271/1-A		11/10/2015 17:34	1	VR504412.D	CLP-2 0.53(mm)
MB 460-334271/1-A		11/10/2015 17:34	1	VR504412.D	CLP-1 0.53(mm)
LCS 460-334271/2-A		11/10/2015 17:49	1	VR504413.D	CLP-2 0.53(mm)
LCS 460-334271/2-A		11/10/2015 17:49	1	VR504413.D	CLP-1 0.53(mm)
460-103944-A-9-I MS		11/10/2015 18:05	1	VR504414.D	CLP-2 0.53(mm)
460-103944-A-9-I MS		11/10/2015 18:05	1	VR504414.D	CLP-1 0.53(mm)
460-103944-A-9-J MSD		11/10/2015 18:21	1	VR504415.D	CLP-2 0.53(mm)
460-103944-A-9-J MSD		11/10/2015 18:21	1	VR504415.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 18:37	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 18:37	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 18:52	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 18:52	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:08	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:08	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:24	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:24	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:40	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:40	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 19:56	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 19:56	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:11	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:11	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:27	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:27	1		CLP-1 0.53(mm)
460-104096-24	PMP-7-NW2-12.75	11/10/2015 20:43	1	VR504424.D	CLP-2 0.53(mm)
460-104096-24	PMP-7-NW2-12.75	11/10/2015 20:43	1	VR504424.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 20:59	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 20:59	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 21:15	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 21:15	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 21:30	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 21:30	1		CLP-1 0.53(mm)
460-104096-28	PMP-9-NW2-12.75	11/10/2015 21:46	1	VR504428.D	CLP-2 0.53(mm)
460-104096-28	PMP-9-NW2-12.75	11/10/2015 21:46	1	VR504428.D	CLP-1 0.53(mm)
460-104096-29	PRA-25 E-1.75	11/10/2015 22:02	1	VR504429.D	CLP-2 0.53(mm)
460-104096-29	PRA-25 E-1.75	11/10/2015 22:02	1	VR504429.D	CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:18	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:18	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:34	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:34	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 22:49	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 22:49	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:05	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/10/2015 17:16

Analysis Batch Number: 334464 End Date: 11/11/2015 04:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2015 23:05	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:21	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:21	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:37	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:37	1		CLP-1 0.53(mm)
ZZZZZ		11/10/2015 23:52	1		CLP-2 0.53(mm)
ZZZZZ		11/10/2015 23:52	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 00:08	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 00:08	1		CLP-1 0.53(mm)
CCV 460-334464/28		11/11/2015 00:24	1	VR504438.D	CLP-2 0.53(mm)
CCV 460-334464/28		11/11/2015 00:24	1	VR504438.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 00:40	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 00:40	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 00:56	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 00:56	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 01:12	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 01:12	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 01:28	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 01:28	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 01:44	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 01:44	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 02:16	10		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 02:16	10		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 02:32	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 02:32	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 02:47	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 02:47	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:03	10		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:03	10		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:19	100		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:19	100		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:35	50		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:35	50		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 03:54	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 03:54	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:09	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:09	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 04:25	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 04:25	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CPESTGC9 Start Date: 11/11/2015 08:19

Analysis Batch Number: 334642 End Date: 11/11/2015 14:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-334642/1		11/11/2015 08:19	1	VR504453.D	CLP-2 0.53(mm)
CCVIS 460-334642/1		11/11/2015 08:19	1	VR504453.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 08:44	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 08:44	1		CLP-1 0.53(mm)
460-104096-21	PMP-7-NW2-5.25	11/11/2015 09:22	10	VR504455.D	CLP-2 0.53(mm)
460-104096-21	PMP-7-NW2-5.25	11/11/2015 09:22	10	VR504455.D	CLP-1 0.53(mm)
460-104096-22	PMP-7-NW2-WT	11/11/2015 09:37	100	VR504456.D	CLP-2 0.53(mm)
460-104096-22	PMP-7-NW2-WT	11/11/2015 09:37	100	VR504456.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 09:53	100		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 09:53	100		CLP-1 0.53(mm)
460-104096-25	PMP-8-NW2-V	11/11/2015 10:09	10	VR504458.D	CLP-2 0.53(mm)
460-104096-25	PMP-8-NW2-V	11/11/2015 10:09	10	VR504458.D	CLP-1 0.53(mm)
460-104096-26	PMP-9-NW2-WT	11/11/2015 10:25	100	VR504459.D	CLP-2 0.53(mm)
460-104096-26	PMP-9-NW2-WT	11/11/2015 10:25	100	VR504459.D	CLP-1 0.53(mm)
460-104096-27	PMP-9-NW2-S	11/11/2015 10:40	50	VR504460.D	CLP-2 0.53(mm)
460-104096-27	PMP-9-NW2-S	11/11/2015 10:40	50	VR504460.D	CLP-1 0.53(mm)
460-104096-23	PMP-7-NW2-S	11/11/2015 11:01	500	VR504461.D	CLP-2 0.53(mm)
460-104096-23	PMP-7-NW2-S	11/11/2015 11:01	500	VR504461.D	CLP-1 0.53(mm)
ZZZZZ		11/11/2015 11:17	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 11:17	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 11:33	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 11:33	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 11:49	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 11:49	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 12:05	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 12:05	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 12:20	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 12:20	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 12:36	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 12:36	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 12:52	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 12:52	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 13:08	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:08	1		CLP-1 0.53(mm)
ZZZZZ		11/11/2015 13:24	1		CLP-2 0.53(mm)
ZZZZZ		11/11/2015 13:24	1		CLP-1 0.53(mm)
CCV 460-334642/19		11/11/2015 14:33	1	VR504471.D	CLP-2 0.53(mm)
CCV 460-334642/19		11/11/2015 14:33	1	VR504471.D	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 333841 Batch Start Date: 11/07/15 07:16 Batch Analyst: Rana, Kalpesh V

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCB SP_LVI 00008	OPPSPCBSU_LVI 00009	
MB 460-333841/1		3510C, 8082A		7 SU	250 mL	1 mL		50 uL	
LCS 460-333841/2		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
LCSD 460-333841/3		3510C, 8082A		7 SU	250 mL	1 mL	50 uL	50 uL	
460-104096-E-37	FB_20151105	3510C, 8082A	T	5 SU	250 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	3510C8082 LVI
Person's name who did the concentration	KR
Exchange Solvent Lot #	115541
Exchange Solvent Name	Hexane
N-evap #	222299
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	KR
Uncorrected N-evap Temperature	35 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 334079 Batch Start Date: 11/09/15 10:28 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00031	OPPSTPCBSURR 00006		
MB 460-334079/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-334079/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-103656-F-10 MS		3546, 8082A	T	15.0382 g	10 mL	50 uL	50 uL		
460-103656-F-10 MSD		3546, 8082A	T	15.0125 g	10 mL	50 uL	50 uL		
460-104096-E-30	PRA-25 E-3.75	3546, 8082A	T	15.0493 g	10 mL		50 uL		
460-104096-E-31	PRA-25 EE-1.75	3546, 8082A	T	15.0237 g	10 mL		50 uL		
460-104096-F-32	PRA-25 EE-3.75	3546, 8082A	T	15.0362 g	10 mL		50 uL		
460-104096-F-33	PRA-6 SE-1.75	3546, 8082A	T	15.0483 g	10 mL		50 uL		
460-104096-F-34	PRA-5 SE-3.75	3546, 8082A	T	15.0277 g	10 mL		50 uL		
460-104096-E-35	PRA-2 NW-3.75	3546, 8082A	T	15.0253 g	10 mL		50 uL		
460-104096-A-36	DUP_2015_11_05	3546, 8082A	T	15.0235 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.: 460-104096-1

SDG No.:

Batch Number: 334079 Batch Start Date: 11/09/15 10:28 Batch Analyst: Patel, Harsh

Batch Method: 3546 Batch End Date:

Batch Notes	
Balance ID	28
Batch Comment	PCB SOIL
Person's name who did the concentration	hp
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	110063 (sw36654) 151225
Hexane Lot#	115541
MeCl2/Acetone Lot #	116983
Microwave Start Time	9.00am
Microwave Stop Time	9.30am
Na2SO4 Lot Number	433101 (silica sand lot#132456)
Person's name who did the prep	hp
SOP Number	3546
Person who performed Spike	hp
TBA Lot #	OP 1541
Water Bath ID	222299
Water Bath Temperature	(uncorrected n evap temp 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.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 334269 Batch Start Date: 11/10/15 04:54 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00031	OPPSTPCBSURR 00006		
MB 460-334269/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-334269/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-104096-A-1 MS	PMP-10-NW2-WT	3546, 8082A	T	15.0051 g	10 mL	50 uL	50 uL		
460-104096-A-1 MSD	PMP-10-NW2-WT	3546, 8082A	T	15.0034 g	10 mL	50 uL	50 uL		
460-104096-A-1	PMP-10-NW2-WT	3546, 8082A	T	15.0015 g	10 mL		50 uL		
460-104096-A-2	PMP-2-NW2-WT	3546, 8082A	T	15.0064 g	10 mL		50 uL		
460-104096-A-3	PMP-2-NW2-S	3546, 8082A	T	15.0091 g	10 mL		50 uL		
460-104096-A-4	PMP-2-NW2-12.75	3546, 8082A	T	15.0077 g	10 mL		50 uL		
460-104096-A-5	PMP-23-NW2-V	3546, 8082A	T	15.0049 g	10 mL		50 uL		
460-104096-A-6	PMP-24-NW2-V	3546, 8082A	T	15.0020 g	10 mL		50 uL		
460-104096-F-7	PMP-24-NW2-3.75	3546, 8082A	T	15.0013 g	10 mL		50 uL		
460-104096-F-8	PMP-24-NW2-DV	3546, 8082A	T	15.0087 g	10 mL		50 uL		
460-104096-F-9	PMP-24-NW2-WT	3546, 8082A	T	15.0049 g	10 mL		50 uL		
460-104096-E-10	PMP-24-NW2-S	3546, 8082A	T	15.0222 g	10 mL		50 uL		
460-104096-F-11	PMP-24-NW2-12.75	3546, 8082A	T	15.0082 g	10 mL		50 uL		
460-104096-A-12	PMP-4-NW2-V	3546, 8082A	T	15.0044 g	10 mL		50 uL		
460-104096-E-13	PMP-5-NW2-WT	3546, 8082A	T	15.0090 g	10 mL		50 uL		
460-104096-E-14	PMP-5-NW2-S	3546, 8082A	T	15.0037 g	10 mL		50 uL		
460-104096-E-15	PMP-5-NW2-12.75	3546, 8082A	T	15.0441 g	10 mL		50 uL		
460-104096-A-16	PMP-6-NW2-WT	3546, 8082A	T	15.0069 g	10 mL		50 uL		
460-104096-A-17	PMP-6-NW2-S	3546, 8082A	T	15.0336 g	10 mL		50 uL		
460-104096-A-18	PMP-6-NW2-12.75	3546, 8082A	T	15.0121 g	10 mL		50 uL		
460-104096-A-19	PMP-7-NW2-0.75	3546, 8082A	T	15.0224 g	10 mL		50 uL		
460-104096-F-20	PMP-7-NW2-DV	3546, 8082A	T	15.0001 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.: 460-104096-1

SDG No.:

Batch Number: 334269 Batch Start Date: 11/10/15 04:54 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
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	110063 (sw36654) 151225
Hexane Lot#	115541
MeCl2/Acetone Lot #	116983
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	433101 (silica sandlot#112456)
Person's name who did the prep	archie
Person who performed Spike	archie
TBA Lot #	op1541
Water Bath Temperature	n-evaptemp.uncorrected 37c

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.: 460-104096-1

SDG No.:

Batch Number: 334271 Batch Start Date: 11/10/15 05:01 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00031	OPPSTPCBSURR 00006		
MB 460-334271/1		3546, 8082A		15.0000 g	10 mL		50 uL		
LCS 460-334271/2		3546, 8082A		15.0000 g	10 mL	50 uL	50 uL		
460-103944-A-9 MS		3546, 8082A	T	15.0014 g	10 mL	50 uL	50 uL		
460-103944-A-9 MSD		3546, 8082A	T	15.0013 g	10 mL	50 uL	50 uL		
460-104096-E-21	PMP-7-NW2-5.25	3546, 8082A	T	15.0058 g	10 mL		50 uL		
460-104096-E-22	PMP-7-NW2-WT	3546, 8082A	T	15.0046 g	10 mL		50 uL		
460-104096-F-23	PMP-7-NW2-S	3546, 8082A	T	15.0079 g	10 mL		50 uL		
460-104096-F-24	PMP-7-NW2-12.75	3546, 8082A	T	15.0028 g	10 mL		50 uL		
460-104096-A-25	PMP-8-NW2-V	3546, 8082A	T	15.0001 g	10 mL		50 uL		
460-104096-E-26	PMP-9-NW2-WT	3546, 8082A	T	15.0342 g	10 mL		50 uL		
460-104096-A-27	PMP-9-NW2-S	3546, 8082A	T	15.0038 g	10 mL		50 uL		
460-104096-A-28	PMP-9-NW2-12.75	3546, 8082A	T	15.0117 g	10 mL		50 uL		
460-104096-F-29	PRA-25 E-1.75	3546, 8082A	T	15.0104 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.: 460-104096-1

SDG No.:

Batch Number: 334271 Batch Start Date: 11/10/15 05:01 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
Final Concentrator Volume	10 mL
Sulfuric Acid Lot Number	110063 (sw36654) 151225
Hexane Lot#	115541
MeCl2/Acetone Lot #	116983
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	433101 (silica sandlot#112456)
Person's name who did the prep	archie
Person who performed Spike	archie
TBA Lot #	op1541
Water Bath Temperature	n-evaptemp.uncorrected 37c

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.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	CB	#	OTPH	#
PMP-24-NW2-WT DL	460-104096-9 DL	66	D	4071 D	X
PMP-24-NW2-S DL	460-104096-10 DL	56	D	2606 D	X
PMP-24-NW2-12.75 DL	460-104096-11 DL	58	D	1265 D	X
PMP-5-NW2-S DL	460-104096-14 DL	60	D	320 D	X
PMP-5-NW2-12.75 DL	460-104096-15 DL	59	D	297 D	X
PMP-7-NW2-DV DL	460-104096-20 DL	71	D	292 D	X
PMP-7-NW2-5.25 DL	460-104096-21 DL	67	D	730 D	X
PMP-7-NW2-WT DL	460-104096-22 DL	70	D	652 D	X
PMP-7-NW2-S DL	460-104096-23 DL	73	D	895 D	X
PMP-7-NW2-12.75	460-104096-24	74		86	
PMP-9-NW2-WT DL	460-104096-26 DL	62	D	549 D	X
PRA-25 E-1.75	460-104096-29	59		74	
PRA-25 E-3.75	460-104096-30	73		97	
PRA-25 EE-1.75	460-104096-31	76		79	
PRA-25 EE-3.75	460-104096-32	81		85	
PRA-6 SE-1.75	460-104096-33	83		92	
PRA-5 SE-3.75	460-104096-34	77		98	
PRA-2 NW-3.75 DL	460-104096-35 DL	84	D	418 D	X
	MB 460-334220/1-A	70		69	
	LCS 460-334220/2-A	55		55	
PMP-24-NW2-12.75 MS DL	460-104096-11 MS DL	60		1236	X
PMP-24-NW2-12.75 MSD DL	460-104096-11 MSD DL	72		1642	X

	QC LIMITS
CB = Chlorobenzene	22-92
OTPH = o-Terphenyl	23-104

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.: 460-104096-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
FB_20151105	460-104096-37	66	70
	MB 460-334649/1-A	74	77
	LCS 460-334649/2-A	89	99
	LCSD 460-334649/3-A	73	76

	QC LIMITS
CB = Chlorobenzene	26-98
OTPH = o-Terphenyl	28-121

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.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F7933.D

Lab ID: LCS 460-334220/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	146	110	48-131	

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.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F7993.D

Lab ID: LCS 460-334649/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	0.200	0.191	95	44-134	

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Water Level: Low Lab File ID: GC2F7994.D

Lab ID: LCSD 460-334649/3-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)	0.200	0.148	74	25	50	44-134	

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.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F7960.D

Lab ID: 460-104096-11 MS DL Client ID: PMP-24-NW2-12.75 MS DL

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	160	1800	1430	-222	48-131	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: GC2F7961.D

Lab ID: 460-104096-11 MSD DL Client ID: PMP-24-NW2-12.75 MSD DL

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Total Petroleum Hydrocarbons (C8-C40)	160	1940	100	31	40	48-131	4

Column to be used to flag recovery and RPD values

FORM III NJ-OQA-QAM-025

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: GC2F7932.D Lab Sample ID: MB 460-334220/1-A

Matrix: Solid Date Extracted: 11/09/2015 22:00

Instrument ID: CBNAGC2 Date Analyzed: 11/10/2015 10:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334220/2-A	GC2F7933.D	11/10/2015 10:53
PMP-7-NW2-12.75	460-104096-24	GC2F7947.D	11/10/2015 13:43
PRA-25 E-1.75	460-104096-29	GC2F7949.D	11/10/2015 14:06
PRA-25 E-3.75	460-104096-30	GC2F7950.D	11/10/2015 14:18
PRA-25 EE-1.75	460-104096-31	GC2F7951.D	11/10/2015 14:30
PRA-25 EE-3.75	460-104096-32	GC2F7954.D	11/10/2015 15:33
PRA-6 SE-1.75	460-104096-33	GC2F7955.D	11/10/2015 15:44
PRA-5 SE-3.75	460-104096-34	GC2F7956.D	11/10/2015 15:56
PMP-24-NW2-12.75 MS DL	460-104096-11 MS DL	GC2F7960.D	11/10/2015 16:53
PMP-24-NW2-12.75 MSD DL	460-104096-11 MSD DL	GC2F7961.D	11/10/2015 17:05
PMP-24-NW2-WT DL	460-104096-9 DL	GC2F7962.D	11/10/2015 17:17
PMP-24-NW2-S DL	460-104096-10 DL	GC2F7963.D	11/10/2015 17:28
PMP-24-NW2-12.75 DL	460-104096-11 DL	GC2F7964.D	11/10/2015 17:40
PMP-5-NW2-S DL	460-104096-14 DL	GC2F7965.D	11/10/2015 17:52
PMP-5-NW2-12.75 DL	460-104096-15 DL	GC2F7966.D	11/10/2015 18:04
PMP-7-NW2-DV DL	460-104096-20 DL	GC2F7967.D	11/10/2015 18:16
PMP-7-NW2-5.25 DL	460-104096-21 DL	GC2F7970.D	11/10/2015 18:52
PMP-7-NW2-WT DL	460-104096-22 DL	GC2F7971.D	11/10/2015 19:04
PMP-7-NW2-S DL	460-104096-23 DL	GC2F7972.D	11/10/2015 19:16
PRA-2 NW-3.75 DL	460-104096-35 DL	GC2F7974.D	11/10/2015 19:40
PMP-9-NW2-WT DL	460-104096-26 DL	GC2F7991.D	11/11/2015 11:34

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab File ID: GC2F7992.D Lab Sample ID: MB 460-334649/1-A

Matrix: Water Date Extracted: 11/11/2015 09:54

Instrument ID: CBNAGC2 Date Analyzed: 11/11/2015 11:49

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-334649/2-A	GC2F7993.D	11/11/2015 12:01
	LCSD 460-334649/3-A	GC2F7994.D	11/11/2015 12:13
FB_20151105	460-104096-37	GC2F7995.D	11/11/2015 12:28

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-WT DL | Lab Sample ID: 460-104096-9 DL

Matrix: Solid | Lab File ID: GC2F7962.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:40

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0212(g) | Date Analyzed: 11/10/2015 17:17

Con. Extract Vol.: 1(mL) | Dilution Factor: 25

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	2600	D	150	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	4071	D X	23-104
108-90-7	Chlorobenzene	66	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7962.D
Lims ID: 460-104096-F-9-A Lab Sample ID: 460-104096-9
Client ID: PMP-24-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 17:17:02 ALS Bottle#: 30 Worklist Smp#: 34
Injection Vol: 1.0 ul Dil. Factor: 25.0000
Sample Info: 460-0034048-034
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.366	0.368	-0.002	9420	0.5295	
A	3 C8-C40					
	2.843	(0.281-5.404)		32043186	1384.2	k
$	4 o-Terphenyl					
	3.137	3.136	0.001	1096649	32.6	

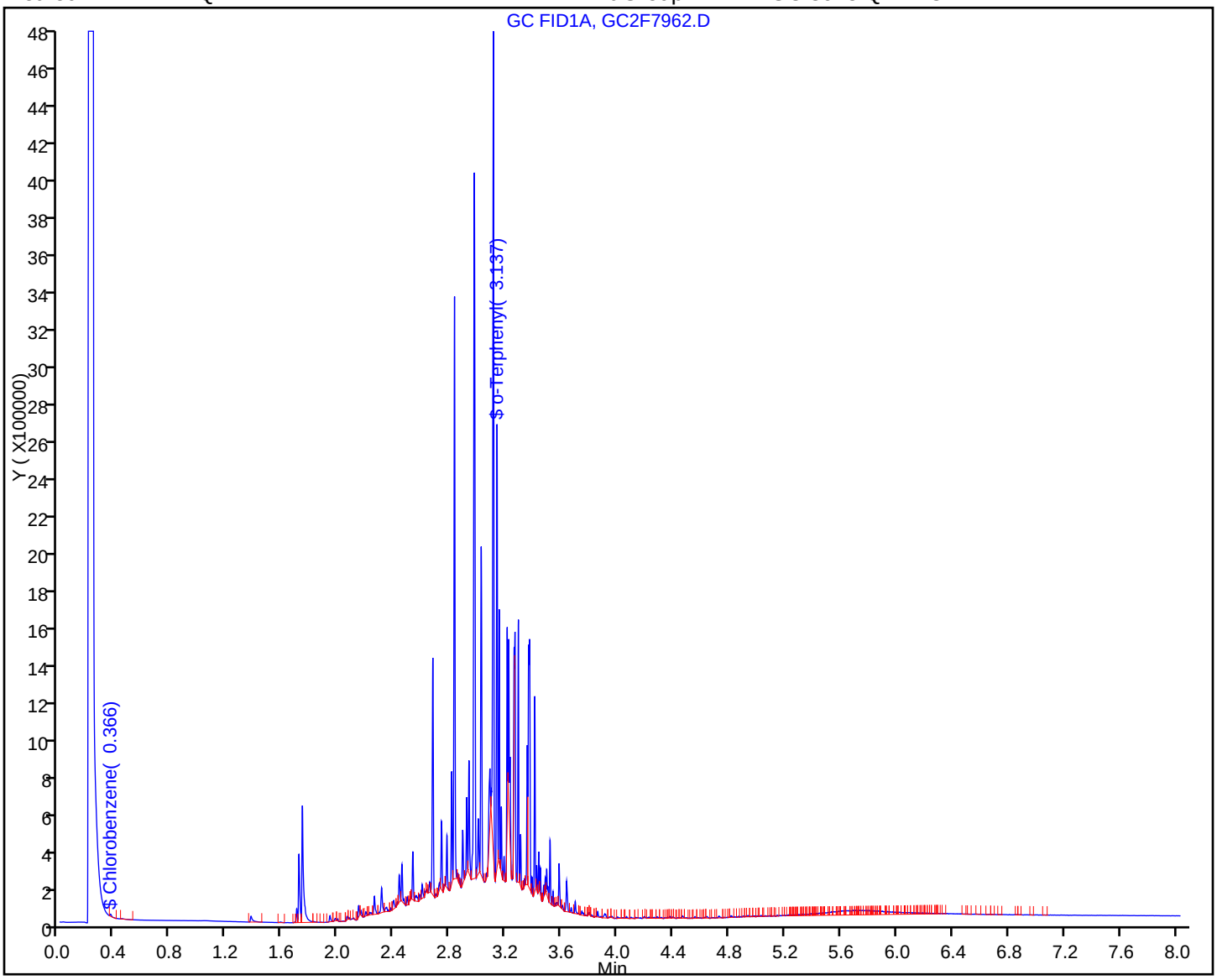
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7962.D				
Injection Date:	10-Nov-2015 17:17:02	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-9-A	Lab Sample ID:	460-104096-9		
Client ID:	PMP-24-NW2-WT				
Operator ID:	615	ALS Bottle#:	30	Worklist Smp#:	34
Injection Vol:	1.0 ul	Dil. Factor:	25.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-S DL | Lab Sample ID: 460-104096-10 DL

Matrix: Solid | Lab File ID: GC2F7963.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:52

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0124(g) | Date Analyzed: 11/10/2015 17:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1600	D	120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	2606	D X	23-104
108-90-7	Chlorobenzene	56	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7963.D
Lims ID: 460-104096-E-10-A Lab Sample ID: 460-104096-10
Client ID: PMP-24-NW2-S
Sample Type: Client
Inject. Date: 10-Nov-2015 17:28:55 ALS Bottle#: 31 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034048-035
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.366	0.368	-0.002	9953	0.5595	
A	3 C8-C40					
	2.843	(0.281-5.404)		25383353	1096.5	k
$	4 o-Terphenyl					
	3.136	3.136	0.000	877353	26.1	

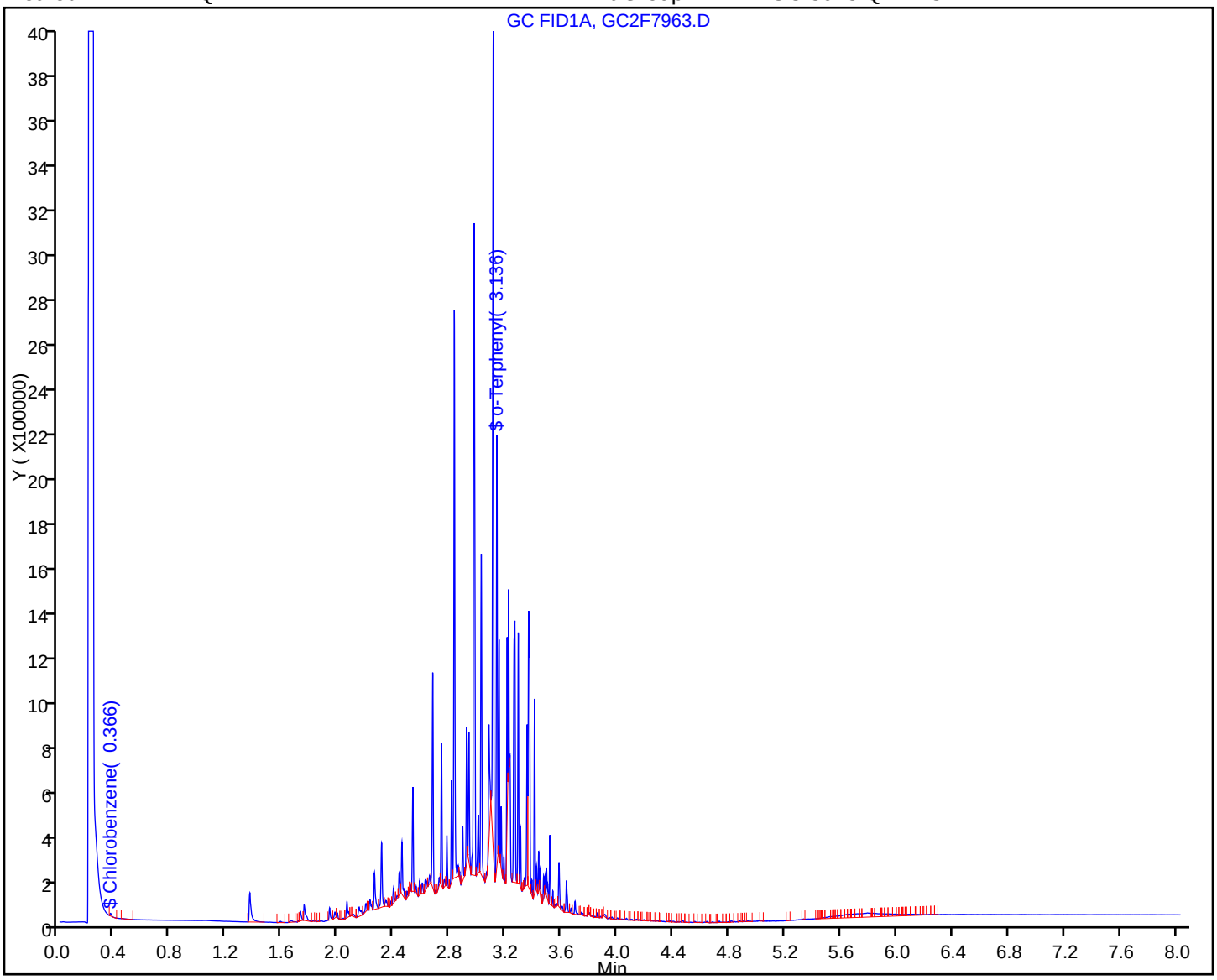
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7963.D				
Injection Date:	10-Nov-2015 17:28:55	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-10-A	Lab Sample ID:	460-104096-10		
Client ID:	PMP-24-NW2-S				
Operator ID:	615	ALS Bottle#:	31	Worklist Smp#:	35
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 DL | Lab Sample ID: 460-104096-11 DL

Matrix: Solid | Lab File ID: GC2F7964.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:54

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0212(g) | Date Analyzed: 11/10/2015 17:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1800	D	130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	1265	D X	23-104
108-90-7	Chlorobenzene	58	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7964.D
Lims ID: 460-104096-F-11-C Lab Sample ID: 460-104096-11
Client ID: PMP-24-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 17:40:55 ALS Bottle#: 32 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034048-036
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.368	-0.001	10262	0.5768	
A	3 C8-C40					
	2.843	(0.281-5.404)		26482445	1144.0	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	425934	12.6	

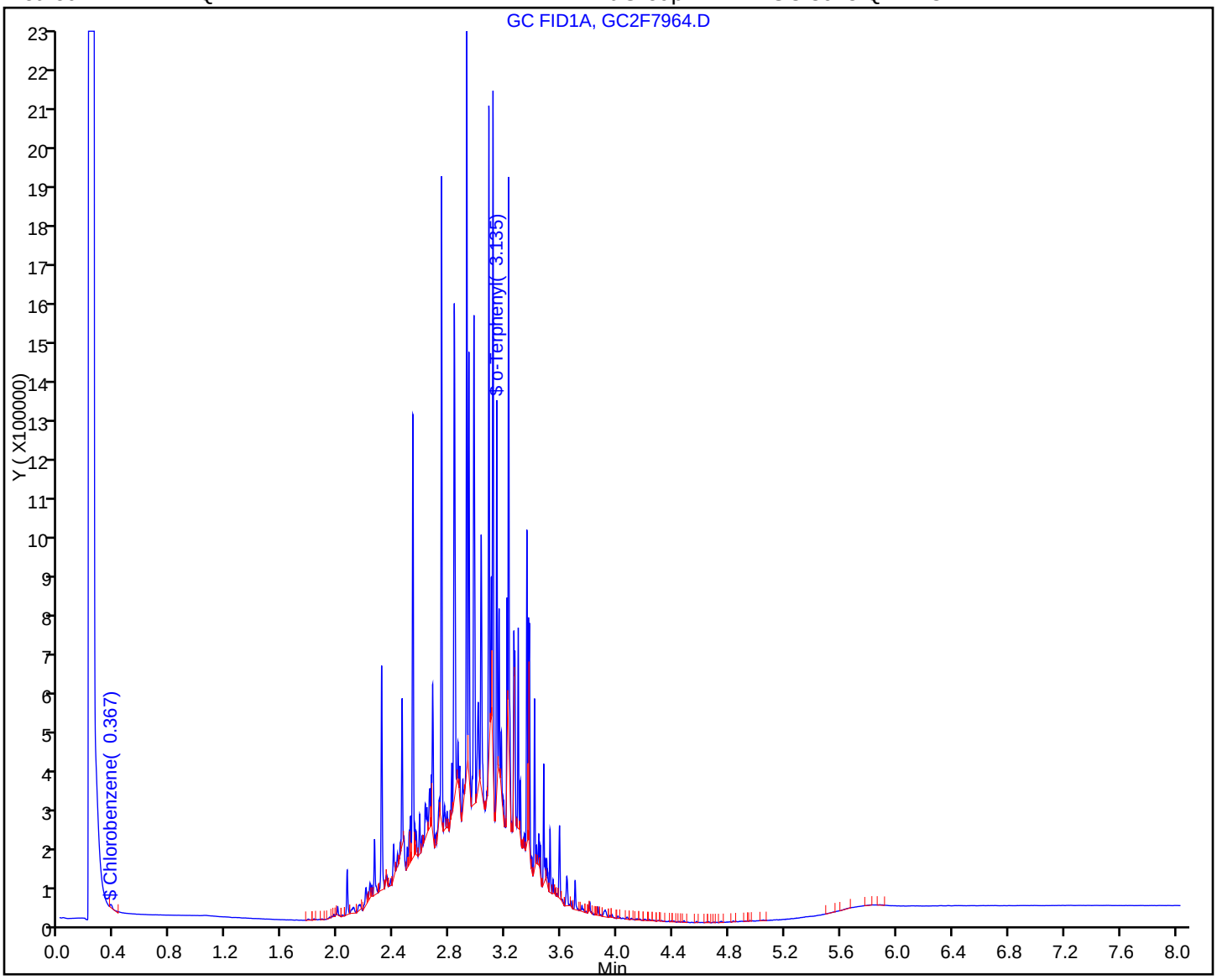
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7964.D				
Injection Date:	10-Nov-2015 17:40:55	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-11-C	Lab Sample ID:	460-104096-11		
Client ID:	PMP-24-NW2-12.75				
Operator ID:	615	ALS Bottle#:	32	Worklist Smp#:	36
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-S DL | Lab Sample ID: 460-104096-14 DL

Matrix: Solid | Lab File ID: GC2F7965.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 10:10

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0301(g) | Date Analyzed: 11/10/2015 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	430	D	29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	320	D X	23-104
108-90-7	Chlorobenzene	60	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7965.D
Lims ID: 460-104096-E-14-A Lab Sample ID: 460-104096-14
Client ID: PMP-5-NW2-S
Sample Type: Client
Inject. Date: 10-Nov-2015 17:52:49 ALS Bottle#: 33 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034048-037
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.369	0.368	0.001	42671	2.40	
A	3 C8-C40					
	2.843	(0.281-5.404)		28921182	1249.3	k
$	4 o-Terphenyl					
	3.134	3.136	-0.002	431132	12.8	

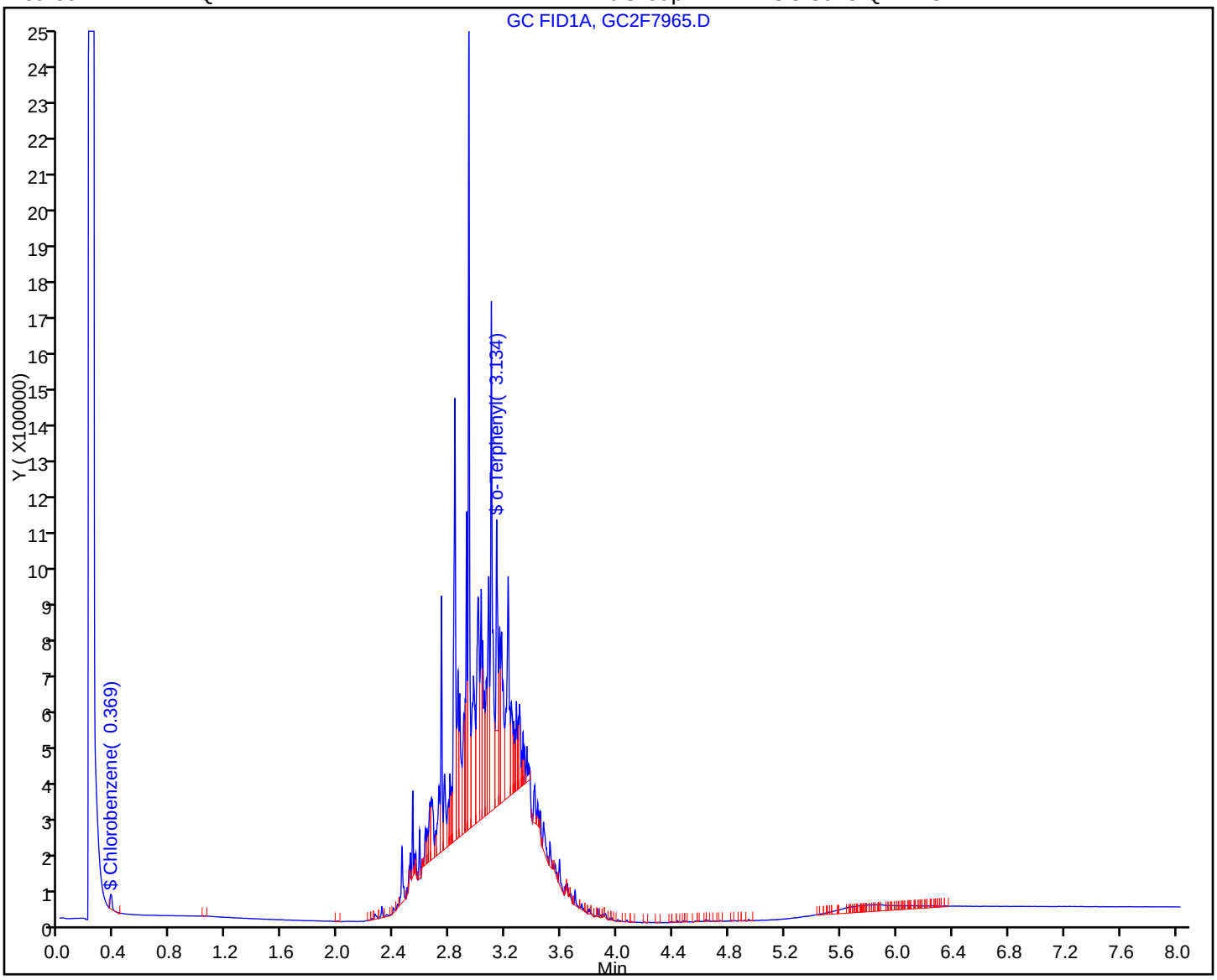
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7965.D				
Injection Date:	10-Nov-2015 17:52:49	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-14-A	Lab Sample ID:	460-104096-14		
Client ID:	PMP-5-NW2-S				
Operator ID:	615	ALS Bottle#:	33	Worklist Smp#:	37
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-5-NW2-12.75 DL | Lab Sample ID: 460-104096-15 DL

Matrix: Solid | Lab File ID: GC2F7966.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 10:12

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0211(g) | Date Analyzed: 11/10/2015 18:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	410	D	31	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	297	D X	23-104
108-90-7	Chlorobenzene	59	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7966.D
Lims ID: 460-104096-E-15-A Lab Sample ID: 460-104096-15
Client ID: PMP-5-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 18:04:47 ALS Bottle#: 34 Worklist Smp#: 38
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0034048-038
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.368	0.368	0.000	41827	2.35	
A	3 C8-C40					
	2.843	(0.281-5.404)		25068934	1082.9	k
$	4 o-Terphenyl					
	3.134	3.136	-0.002	399595	11.9	

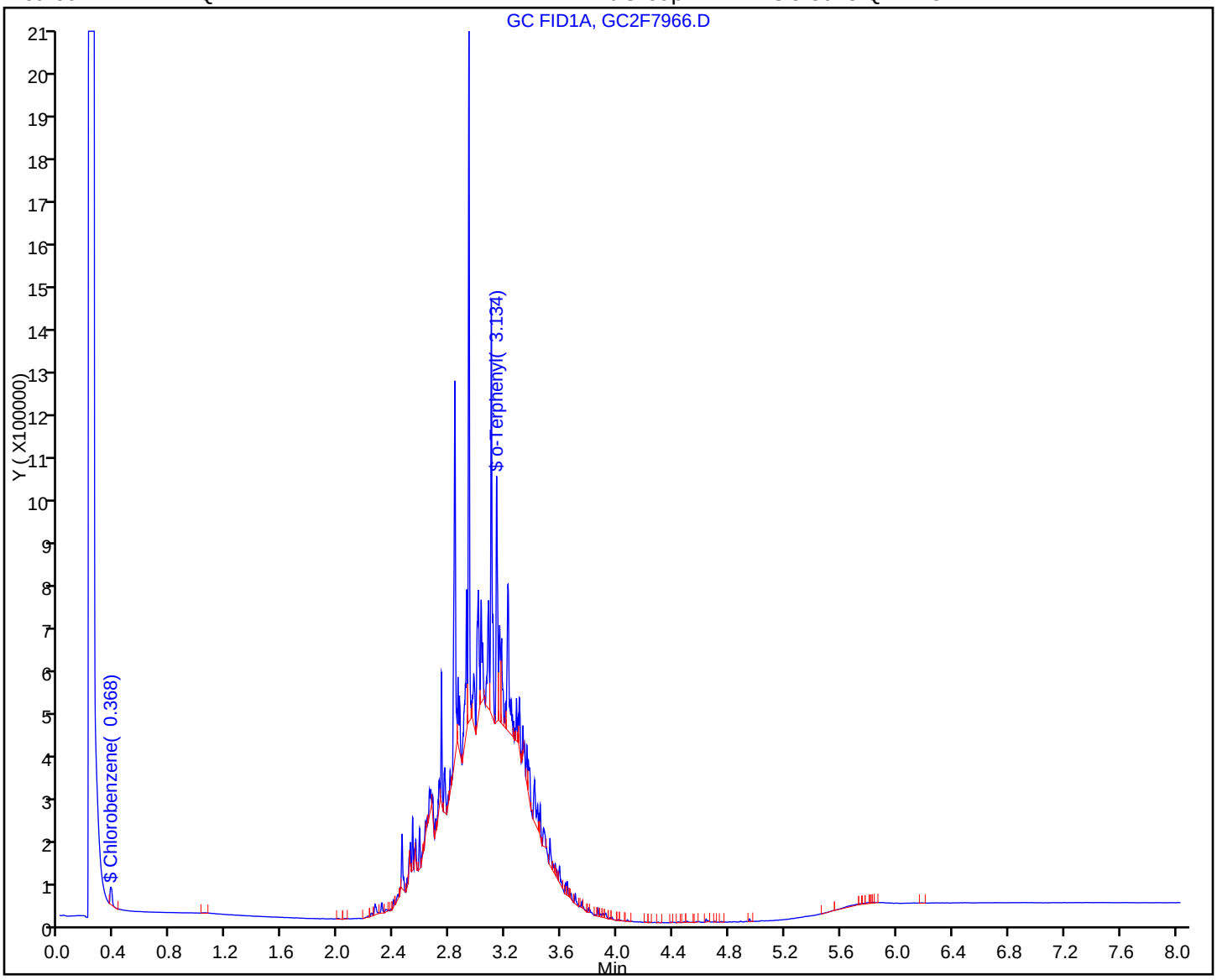
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:52 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7966.D				
Injection Date:	10-Nov-2015 18:04:47	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-15-A	Lab Sample ID:	460-104096-15		
Client ID:	PMP-5-NW2-12.75				
Operator ID:	615	ALS Bottle#:	34	Worklist Smp#:	38
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-DV DL | Lab Sample ID: 460-104096-20 DL

Matrix: Solid | Lab File ID: GC2F7967.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 11:32

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0126(g) | Date Analyzed: 11/10/2015 18:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1000	D	58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	292	D X	23-104
108-90-7	Chlorobenzene	71	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7967.D
Lims ID: 460-104096-F-20-A Lab Sample ID: 460-104096-20
Client ID: PMP-7-NW2-DV
Sample Type: Client
Inject. Date: 10-Nov-2015 18:16:43 ALS Bottle#: 35 Worklist Smp#: 39
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034048-039
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:53:02

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.371	0.368	0.003	25201	1.42	
A	3 C8-C40					
	2.843	(0.281-5.404)		33315919	1439.2	k
$	4 o-Terphenyl					
	3.133	3.136	-0.003	196533	5.84	

QC Flag Legend

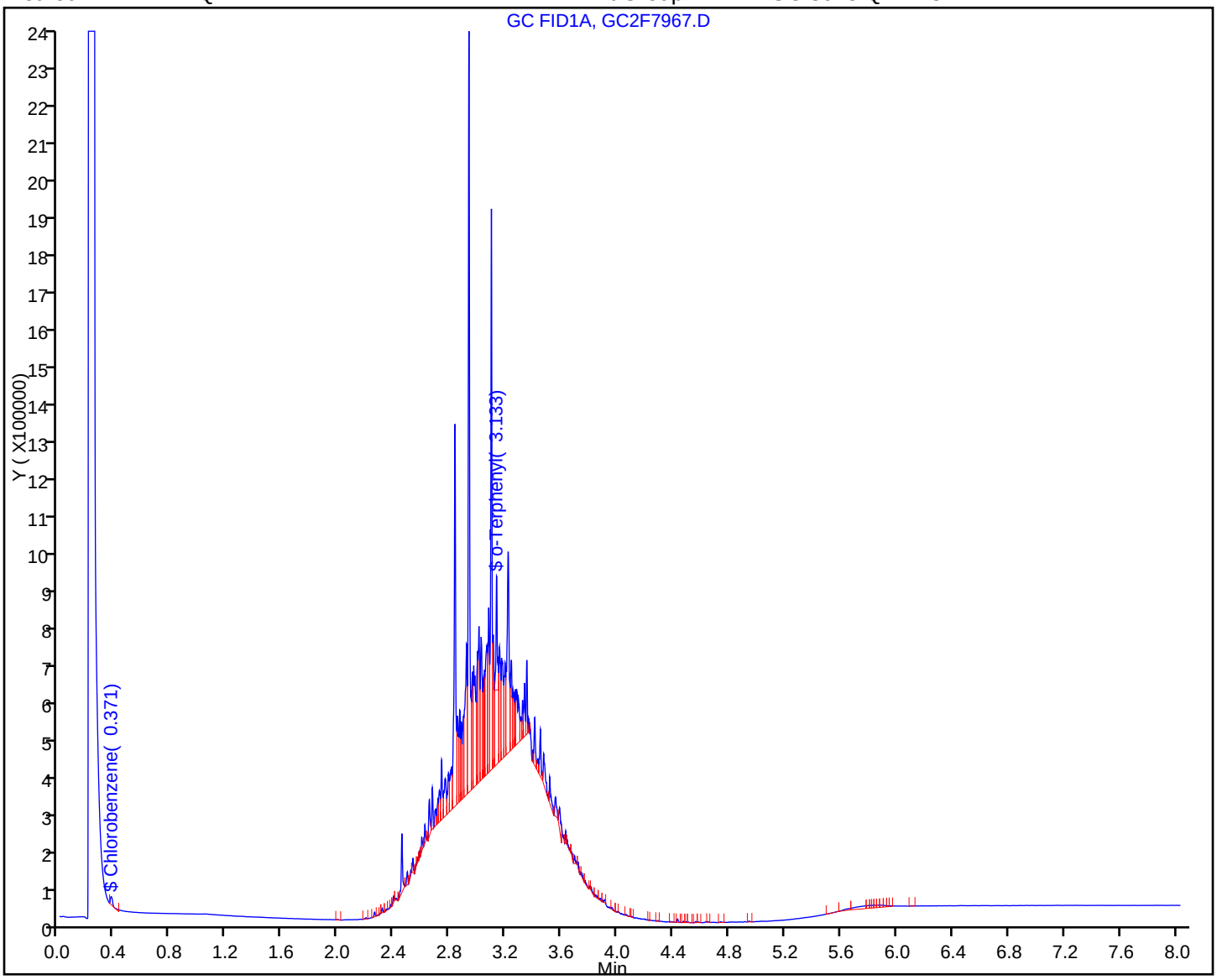
Processing Flags

k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7967.D				
Injection Date:	10-Nov-2015 18:16:43	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-20-A	Lab Sample ID:	460-104096-20		
Client ID:	PMP-7-NW2-DV				
Operator ID:	615	ALS Bottle#:	35	Worklist Smp#:	39
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-5.25 DL | Lab Sample ID: 460-104096-21 DL

Matrix: Solid | Lab File ID: GC2F7970.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 11:34

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0219(g) | Date Analyzed: 11/10/2015 18:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1600	D	60	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	730	D X	23-104
108-90-7	Chlorobenzene	67	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7970.D
Lims ID: 460-104096-E-21-A Lab Sample ID: 460-104096-21
Client ID: PMP-7-NW2-5.25
Sample Type: Client
Inject. Date: 10-Nov-2015 18:52:35 ALS Bottle#: 36 Worklist Smp#: 42
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034048-042
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:53 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.371	0.368	0.003	23863	1.34	
A	3 C8-C40					
	2.843	(0.281-5.404)		50705772	2190.4	k
$	4 o-Terphenyl					
	3.136	3.136	0.000	491570	14.6	

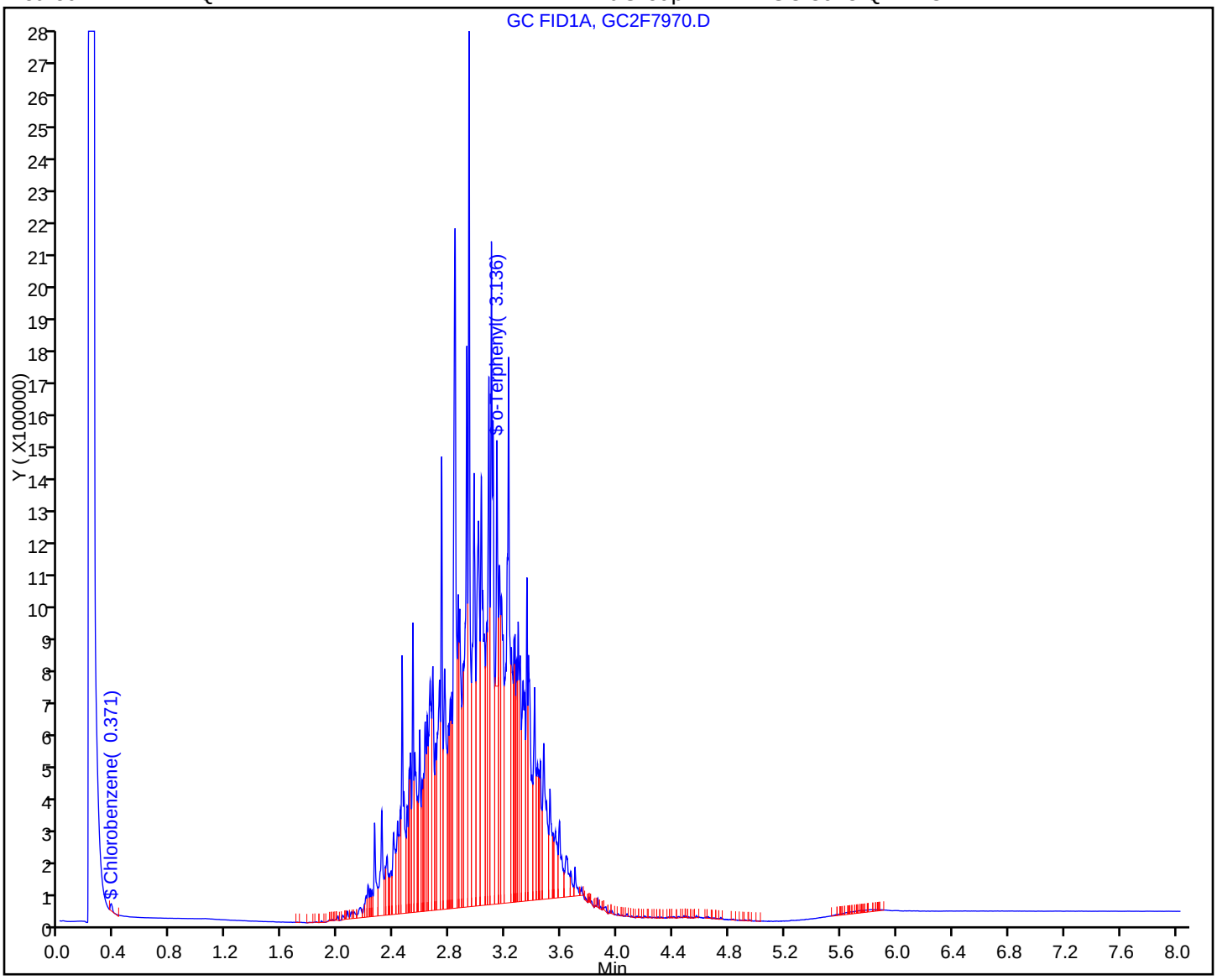
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7970.D				
Injection Date:	10-Nov-2015 18:52:35	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-21-A	Lab Sample ID:	460-104096-21		
Client ID:	PMP-7-NW2-5.25				
Operator ID:	615	ALS Bottle#:	36	Worklist Smp#:	42
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-WT DL | Lab Sample ID: 460-104096-22 DL

Matrix: Solid | Lab File ID: GC2F7971.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 11:21

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0122(g) | Date Analyzed: 11/10/2015 19:04

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1600	D	120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	652	D X	23-104
108-90-7	Chlorobenzene	70	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7971.D
Lims ID: 460-104096-E-22-A Lab Sample ID: 460-104096-22
Client ID: PMP-7-NW2-WT
Sample Type: Client
Inject. Date: 10-Nov-2015 19:04:31 ALS Bottle#: 37 Worklist Smp#: 43
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034048-043
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:53 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:53:21

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.369	0.368	0.001	12441	0.6993	
A	3 C8-C40					
	2.843	(0.281-5.404)		25379075	1096.3	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	219572	6.52	

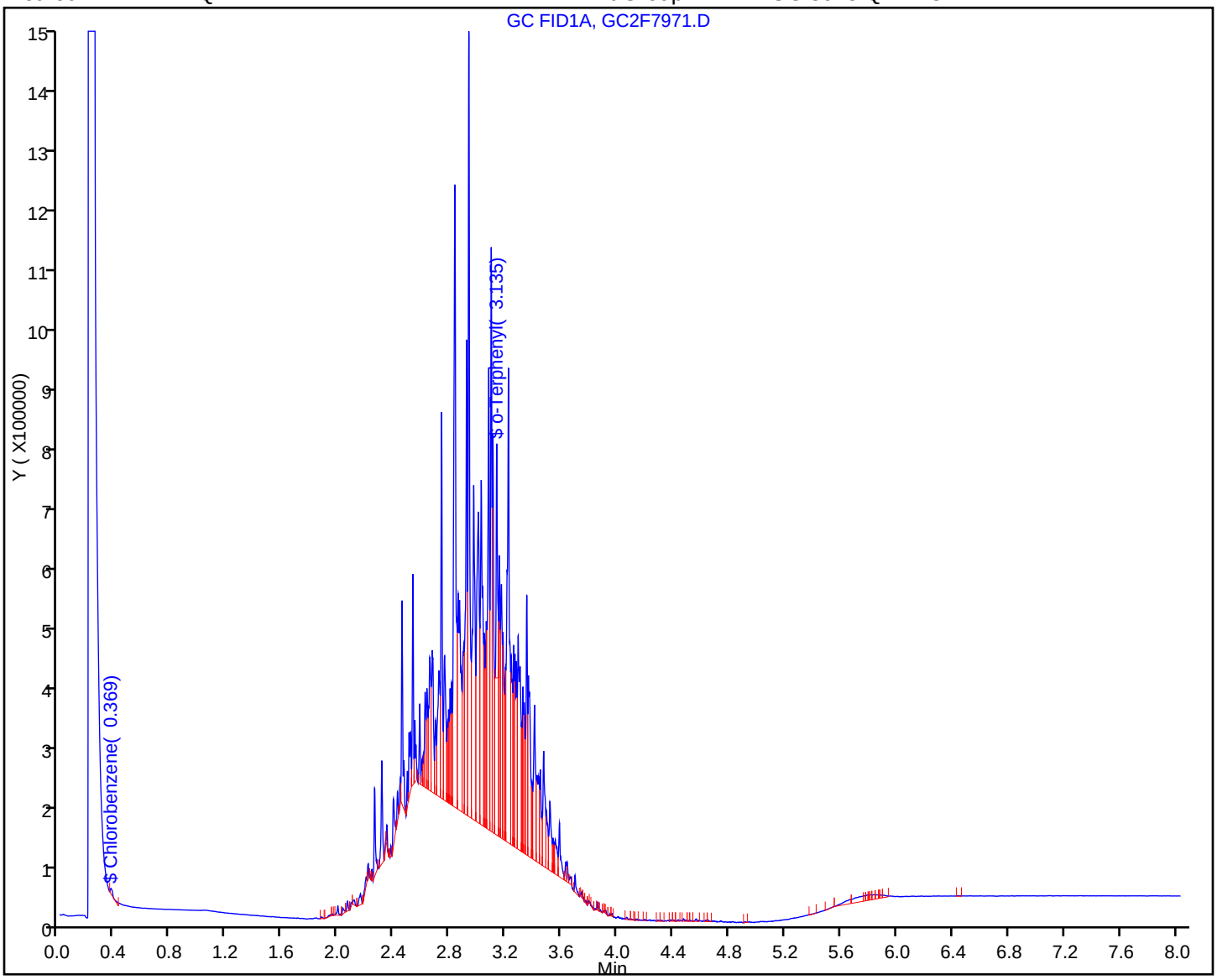
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7971.D				
Injection Date:	10-Nov-2015 19:04:31	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-22-A	Lab Sample ID:	460-104096-22		
Client ID:	PMP-7-NW2-WT				
Operator ID:	615	ALS Bottle#:	37	Worklist Smp#:	43
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-S DL | Lab Sample ID: 460-104096-23 DL

Matrix: Solid | Lab File ID: GC2F7972.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 11:37

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0126(g) | Date Analyzed: 11/10/2015 19:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1800	D	110	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	895	D X	23-104
108-90-7	Chlorobenzene	73	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7972.D
Lims ID: 460-104096-F-23-A Lab Sample ID: 460-104096-23
Client ID: PMP-7-NW2-S
Sample Type: Client
Inject. Date: 10-Nov-2015 19:16:28 ALS Bottle#: 38 Worklist Smp#: 44
Injection Vol: 1.0 ul Dil. Factor: 20.0000
Sample Info: 460-0034048-044
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:53 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.369	0.368	0.001	13001	0.7308	
A	3 C8-C40					
	2.843	(0.281-5.404)		30005339	1296.2	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	301490	8.95	

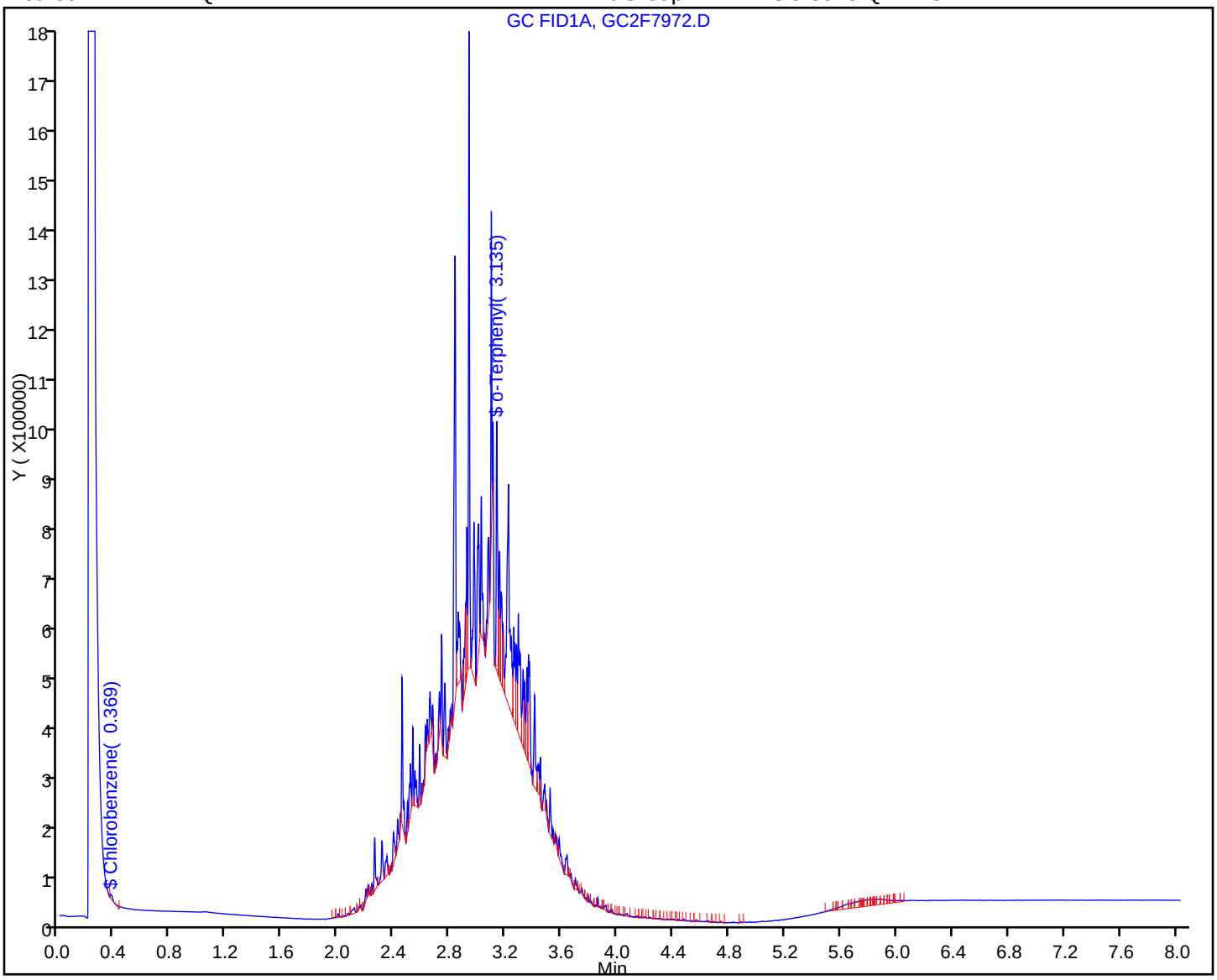
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:55 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7972.D				
Injection Date:	10-Nov-2015 19:16:28	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-23-A	Lab Sample ID:	460-104096-23		
Client ID:	PMP-7-NW2-S				
Operator ID:	615	ALS Bottle#:	38	Worklist Smp#:	44
Injection Vol:	1.0 ul	Dil. Factor:	20.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-7-NW2-12.75 | Lab Sample ID: 460-104096-24

Matrix: Solid | Lab File ID: GC2F7947.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 11:41

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0302(g) | Date Analyzed: 11/10/2015 13:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	12		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		23-104
108-90-7	Chlorobenzene	74		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7947.D
Lims ID: 460-104096-F-24-A Lab Sample ID: 460-104096-24
Client ID: PMP-7-NW2-12.75
Sample Type: Client
Inject. Date: 10-Nov-2015 13:43:02 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-019
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 08:16:15 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 08:18:50

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.371	0.368	0.003	264699	14.9	
A	3 C8-C40					
	2.843	(0.281-5.404)		3820885	165.1	k
$	4 o-Terphenyl					
	3.134	3.136	-0.002	576882	17.1	

QC Flag Legend

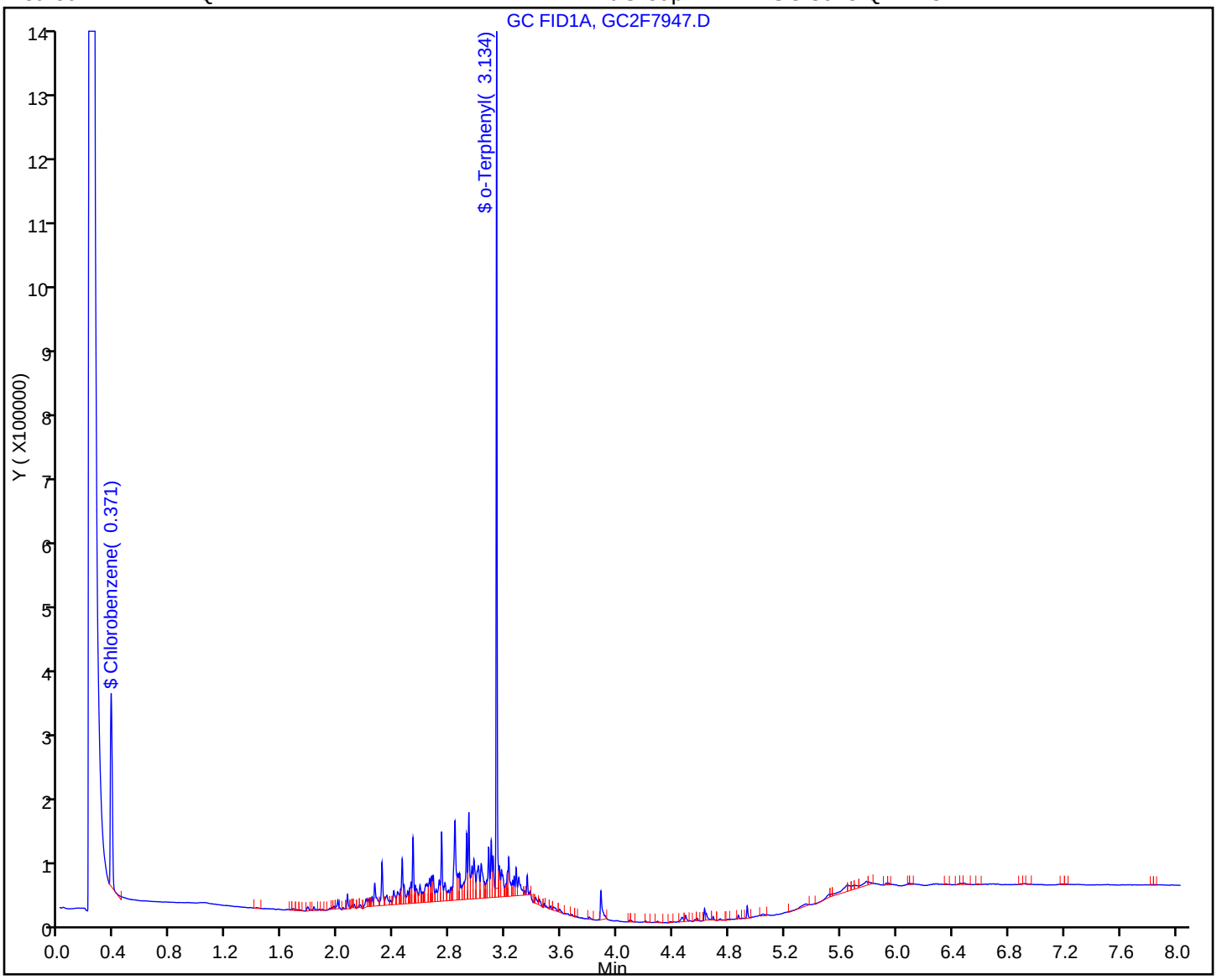
Processing Flags

k - Response Background Subtracted

Report Date: 11-Nov-2015 08:18:51 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7947.D				
Injection Date:	10-Nov-2015 13:43:02	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-24-A	Lab Sample ID:	460-104096-24		
Client ID:	PMP-7-NW2-12.75				
Operator ID:	615	ALS Bottle#:	19	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-9-NW2-WT DL | Lab Sample ID: 460-104096-26 DL

Matrix: Solid | Lab File ID: GC2F7991.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:06

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0217(g) | Date Analyzed: 11/11/2015 11:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334647 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	900	D	57	57

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	549	D X	23-104
108-90-7	Chlorobenzene	62	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7991.D
Lims ID: 460-104096-E-26-A Lab Sample ID: 460-104096-26
Client ID: PMP-9-NW2-WT
Sample Type: Client
Inject. Date: 11-Nov-2015 11:34:06 ALS Bottle#: 6 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034113-004
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 11:02:27

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.365	0.365	0.000	22162	1.25	
A	3 C8-C40					
	2.840	(0.280-5.400)		30071441	1299.0	k
$	4 o-Terphenyl					
	3.134	3.133	0.001	369674	11.0	

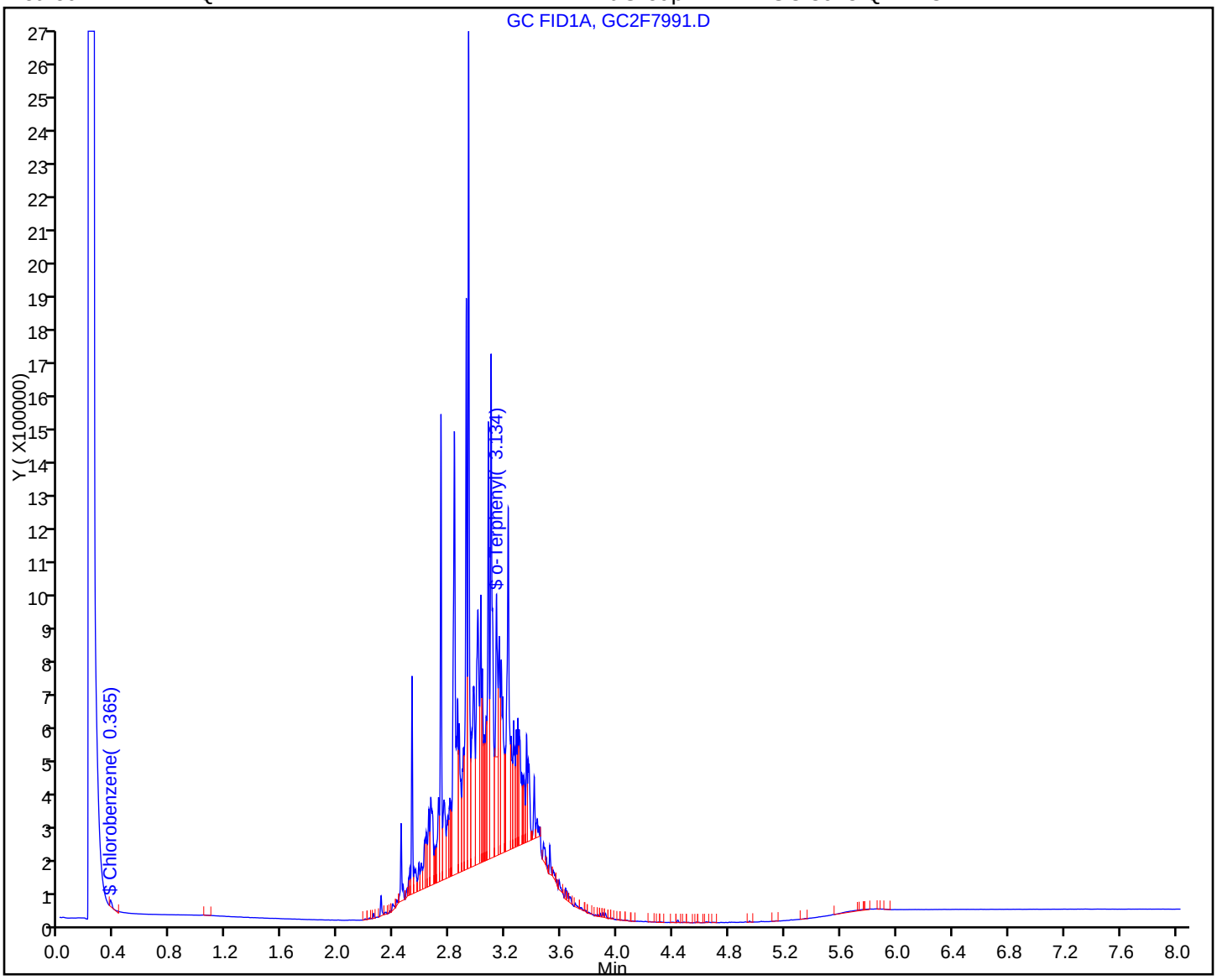
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 12:56:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7991.D				
Injection Date:	11-Nov-2015 11:34:06	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-26-A	Lab Sample ID:	460-104096-26		
Client ID:	PMP-9-NW2-WT				
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-1.75 | Lab Sample ID: 460-104096-29

Matrix: Solid | Lab File ID: GC2F7949.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 15:45

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.01262(g) | Date Analyzed: 11/10/2015 14:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 7.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	46		5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	74		23-104
108-90-7	Chlorobenzene	59		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7949.D
Lims ID: 460-104096-F-29-A Lab Sample ID: 460-104096-29
Client ID: PRA-25 E-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:06:54 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-021
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:38 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.369	0.368	0.001	210197	11.8	
A	3 C8-C40					
	2.843	(0.281-5.404)		14949406	645.8	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	501595	14.9	

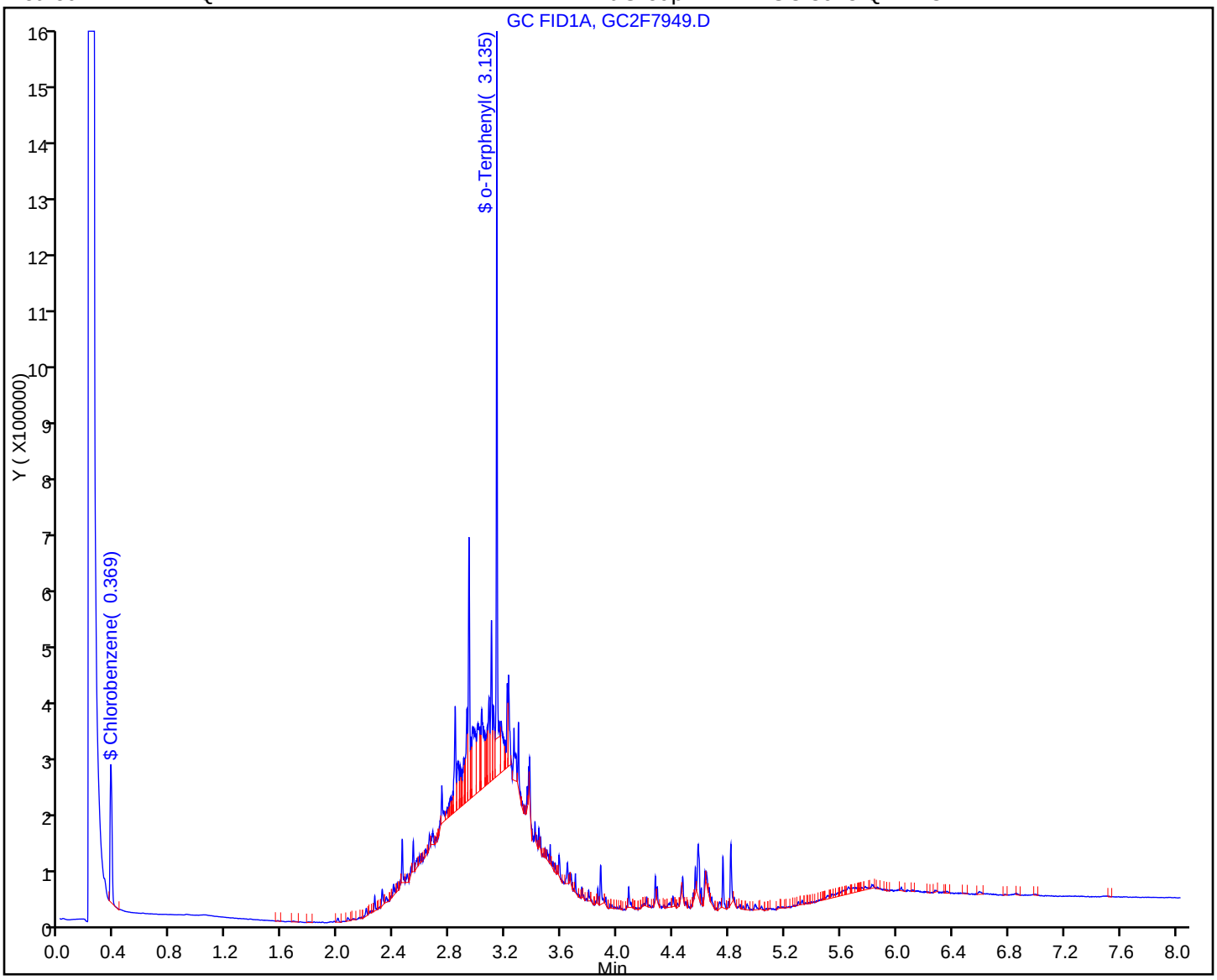
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7949.D				
Injection Date:	10-Nov-2015 14:06:54	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-29-A	Lab Sample ID:	460-104096-29		
Client ID:	PRA-25 E-1.75				
Operator ID:	615	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 E-3.75 | Lab Sample ID: 460-104096-30

Matrix: Solid | Lab File ID: GC2F7950.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 15:50

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0204(g) | Date Analyzed: 11/10/2015 14:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	110		6.1	6.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		23-104
108-90-7	Chlorobenzene	73		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7950.D
Lims ID: 460-104096-F-30-A Lab Sample ID: 460-104096-30
Client ID: PRA-25 E-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:18:49 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-022
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:38 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.371	0.368	0.003	260436	14.6	
A	3 C8-C40					
	2.843	(0.281-5.404)		34258229	1479.9	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	652028	19.4	

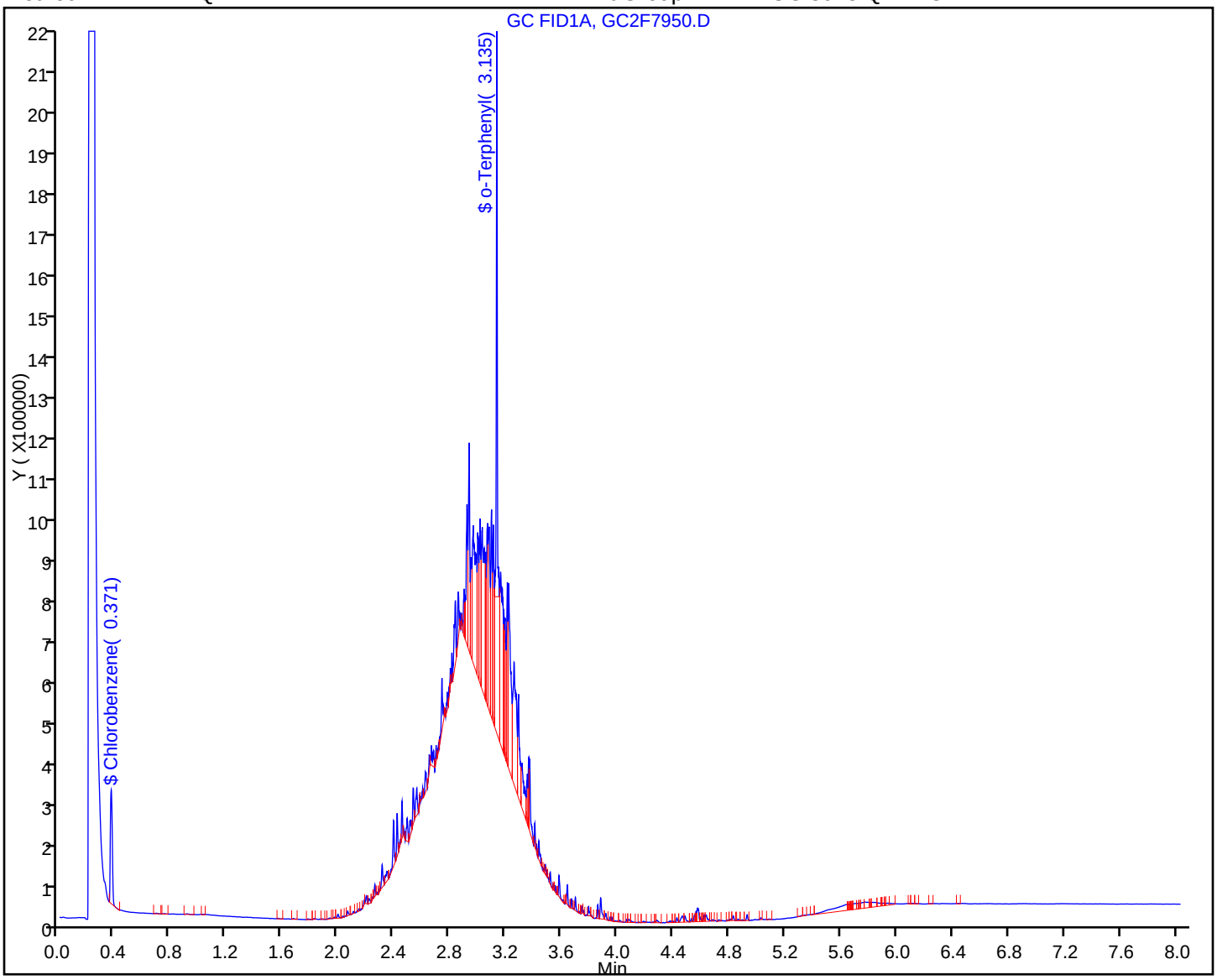
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:43 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7950.D				
Injection Date:	10-Nov-2015 14:18:49	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-30-A	Lab Sample ID:	460-104096-30		
Client ID:	PRA-25 E-3.75				
Operator ID:	615	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-1.75 | Lab Sample ID: 460-104096-31

Matrix: Solid | Lab File ID: GC2F7951.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 15:35

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0123(g) | Date Analyzed: 11/10/2015 14:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	5.9	U	5.9	5.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		23-104
108-90-7	Chlorobenzene	76		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7951.D
Lims ID: 460-104096-F-31-A Lab Sample ID: 460-104096-31
Client ID: PRA-25 EE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 14:30:46 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-023
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:38 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.370	0.368	0.002	270772	15.2	
A	3 C8-C40					
	2.843	(0.281-5.404)		1607294	69.4	k
$	4 o-Terphenyl					
	3.134	3.136	-0.002	533427	15.8	

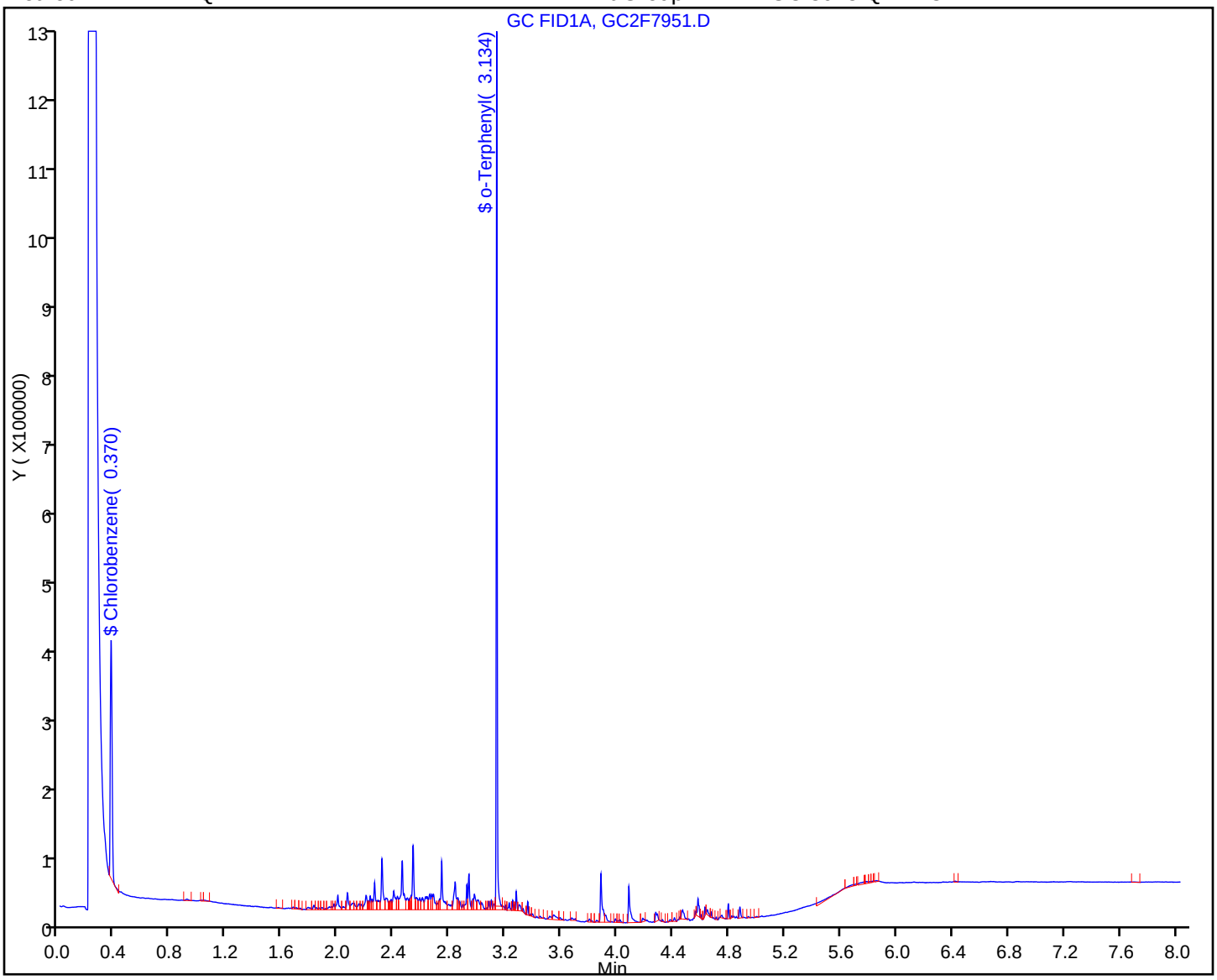
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:44 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7951.D				
Injection Date:	10-Nov-2015 14:30:46	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-F-31-A	Lab Sample ID:	460-104096-31		
Client ID:	PRA-25 EE-1.75				
Operator ID:	615	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-25 EE-3.75 | Lab Sample ID: 460-104096-32

Matrix: Solid | Lab File ID: GC2F7954.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 15:33

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0414(g) | Date Analyzed: 11/10/2015 15:33

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.: 334329 | 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	85		23-104
108-90-7	Chlorobenzene	81		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7954.D
Lims ID: 460-104096-E-32-A Lab Sample ID: 460-104096-32
Client ID: PRA-25 EE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 15:33:09 ALS Bottle#: 24 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-026
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:45 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.369	0.368	0.001	289382	16.3	
A	3 C8-C40					
	2.843	(0.281-5.404)		1842329	79.6	k
$	4 o-Terphenyl					
	3.135	3.136	-0.001	571109	17.0	

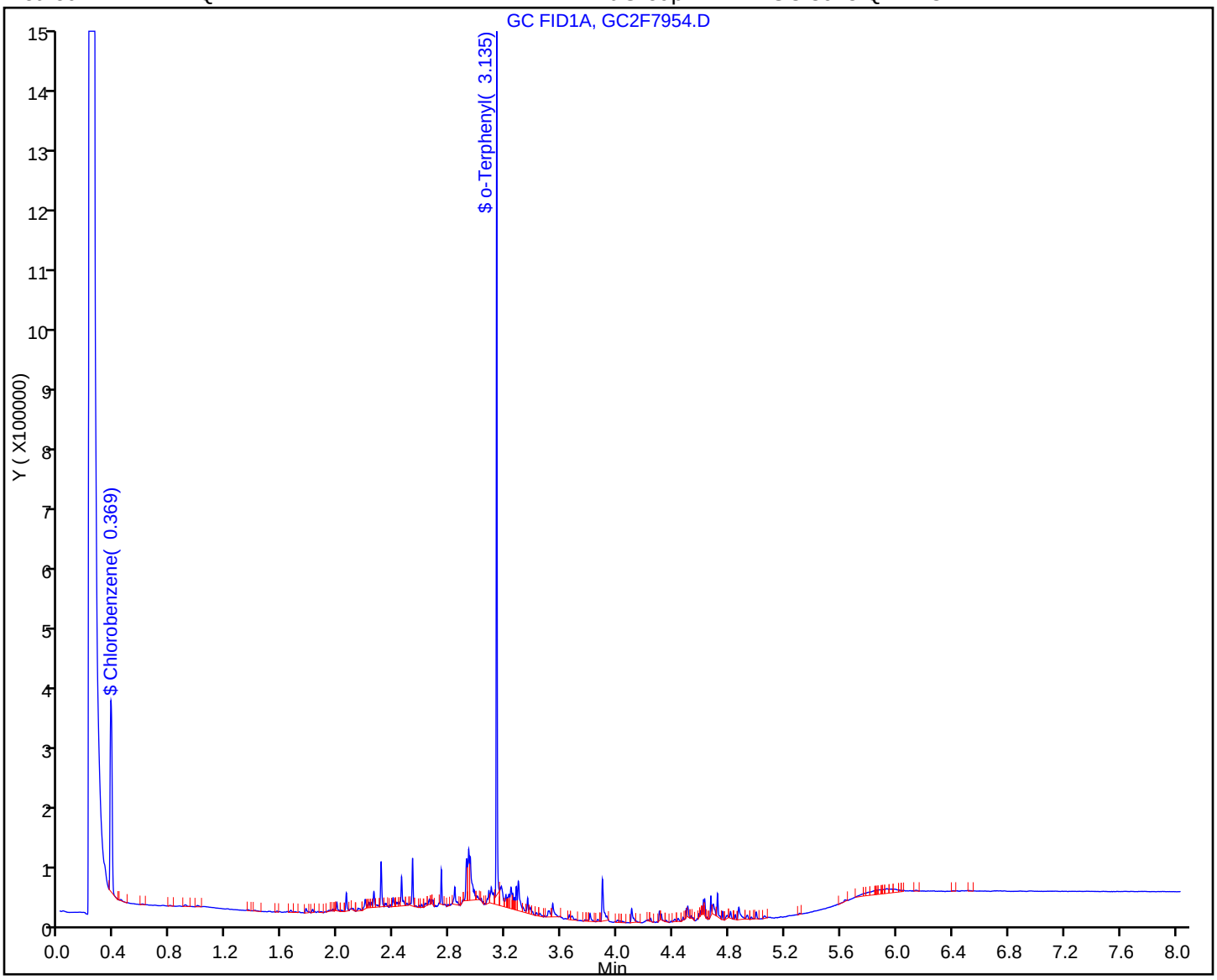
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7954.D				
Injection Date:	10-Nov-2015 15:33:09	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-32-A	Lab Sample ID:	460-104096-32		
Client ID:	PRA-25 EE-3.75				
Operator ID:	615	ALS Bottle#:	24	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-6 SE-1.75 | Lab Sample ID: 460-104096-33

Matrix: Solid | Lab File ID: GC2F7955.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 09:26

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0320(g) | Date Analyzed: 11/10/2015 15:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	110		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	92		23-104
108-90-7	Chlorobenzene	83		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7955.D
Lims ID: 460-104096-E-33-A Lab Sample ID: 460-104096-33
Client ID: PRA-6 SE-1.75
Sample Type: Client
Inject. Date: 10-Nov-2015 15:44:52 ALS Bottle#: 25 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-027
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:45 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.366	0.368	-0.002	296362	16.7	
A	3 C8-C40					
	2.843	(0.281-5.404)		34983874	1511.2	k
$	4 o-Terphenyl					
	3.134	3.136	-0.002	616537	18.3	

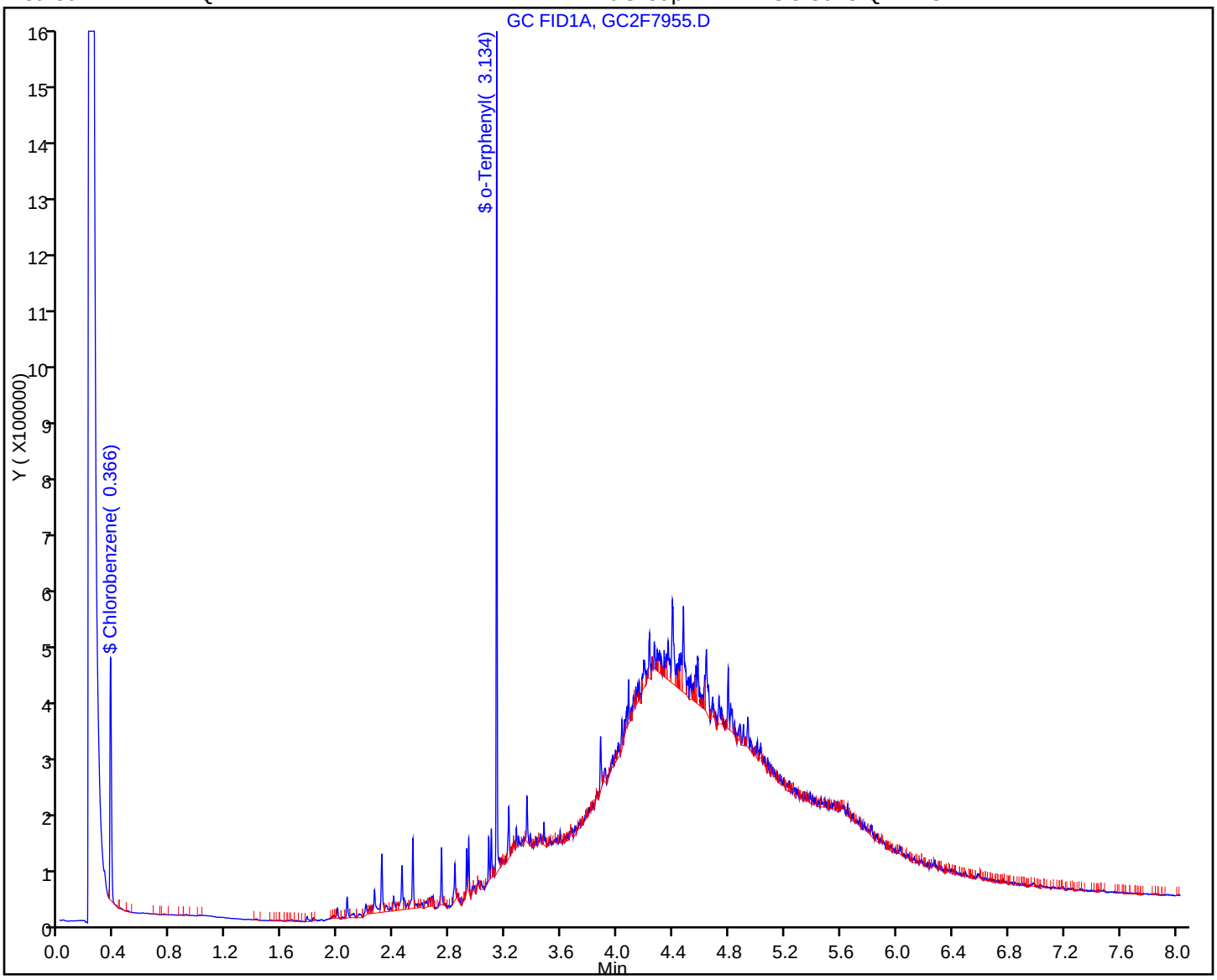
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:46 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7955.D				
Injection Date:	10-Nov-2015 15:44:52	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-33-A	Lab Sample ID:	460-104096-33		
Client ID:	PRA-6 SE-1.75				
Operator ID:	615	ALS Bottle#:	25	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-5 SE-3.75 | Lab Sample ID: 460-104096-34

Matrix: Solid | Lab File ID: GC2F7956.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 10:28

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0124(g) | Date Analyzed: 11/10/2015 15:56

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.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	280		5.8	5.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		23-104
108-90-7	Chlorobenzene	77		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7956.D
Lims ID: 460-104096-G-34-A Lab Sample ID: 460-104096-34
Client ID: PRA-5 SE-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 15:56:42 ALS Bottle#: 26 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-028
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:45 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.365	0.368	-0.003	272439	15.3	
A	3 C8-C40					
	2.843	(0.281-5.404)		92144960	3980.4	k
$	4 o-Terphenyl					
	3.137	3.136	0.001	659980	19.6	

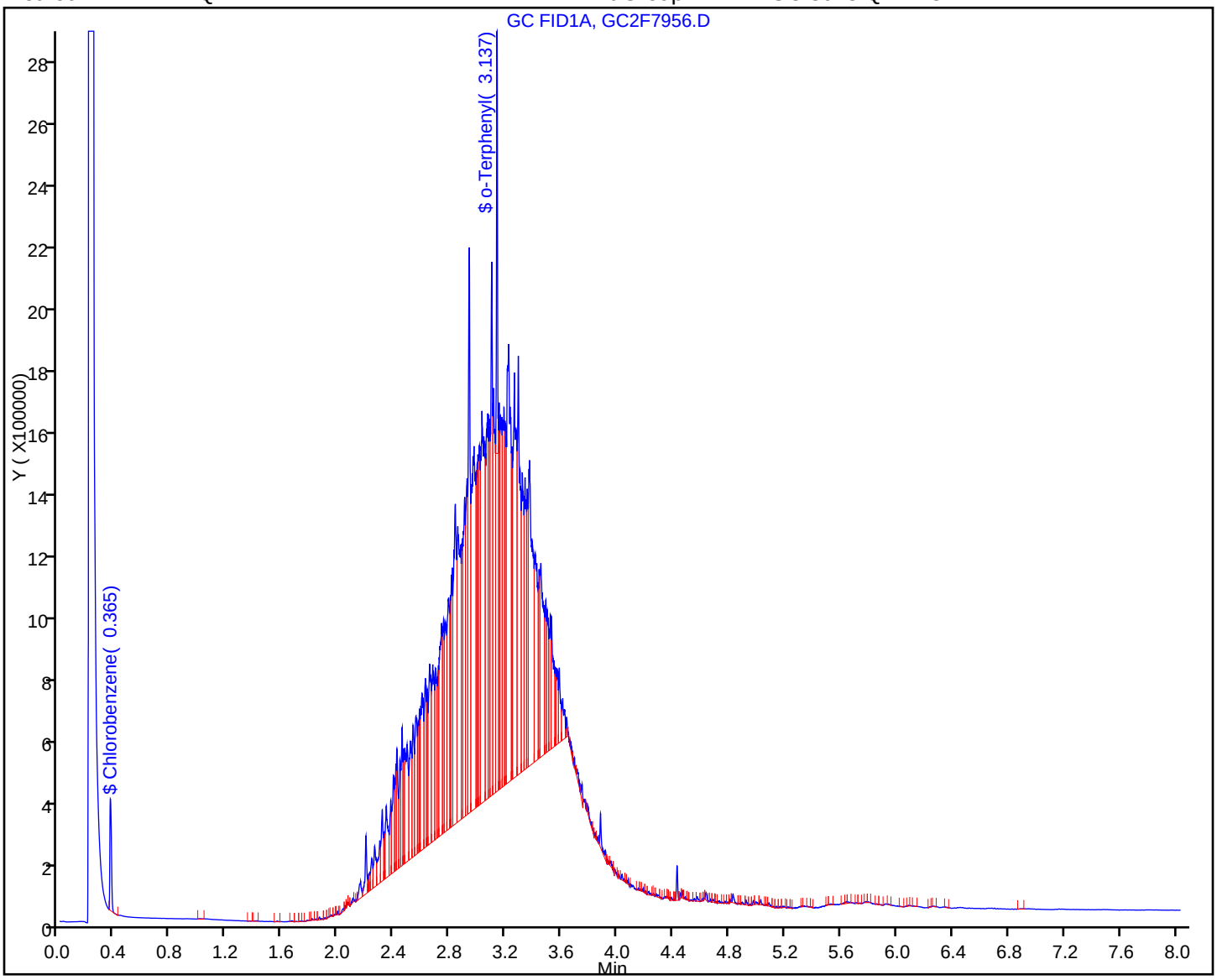
QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:47 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7956.D				
Injection Date:	10-Nov-2015 15:56:42	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-G-34-A	Lab Sample ID:	460-104096-34		
Client ID:	PRA-5 SE-3.75				
Operator ID:	615	ALS Bottle#:	26	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PRA-2 NW-3.75 DL | Lab Sample ID: 460-104096-35 DL

Matrix: Solid | Lab File ID: GC2F7974.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 14:37

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0302(g) | Date Analyzed: 11/10/2015 19:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1500	D	58	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	418	D X	23-104
108-90-7	Chlorobenzene	84	D	22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7974.D
Lims ID: 460-104096-E-35-B Lab Sample ID: 460-104096-35
Client ID: PRA-2 NW-3.75
Sample Type: Client
Inject. Date: 10-Nov-2015 19:40:17 ALS Bottle#: 40 Worklist Smp#: 46
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0034048-046
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:53:47 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:53:42

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene					
	0.367	0.366	0.001	29959	1.68	
A	3 C8-C40					
	2.843	(0.281-5.404)		50791905	2194.1	k
$	4 o-Terphenyl					
	3.135	3.134	0.001	281644	8.36	

QC Flag Legend

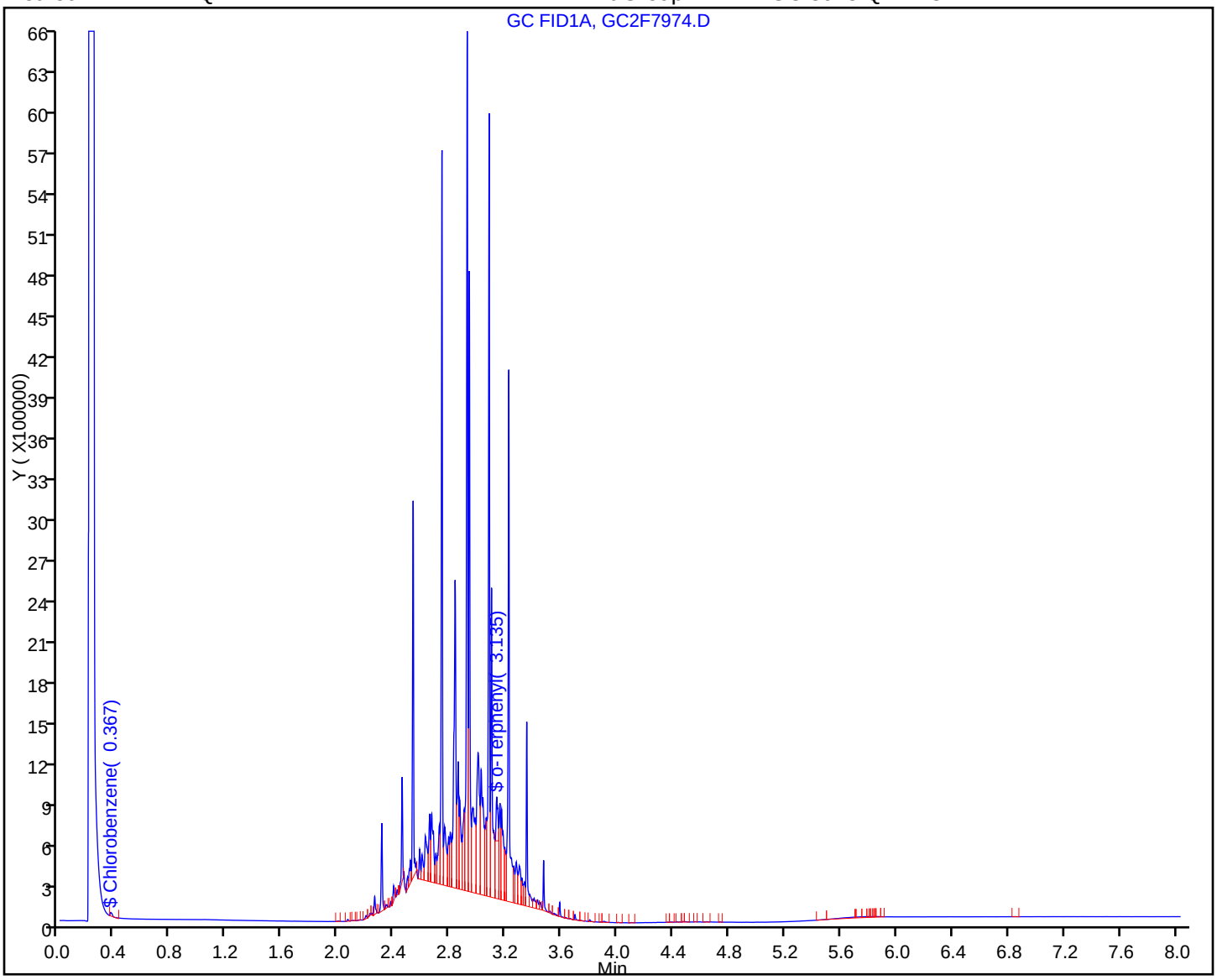
Processing Flags

k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:26 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7974.D				
Injection Date:	10-Nov-2015 19:40:17	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-E-35-B	Lab Sample ID:	460-104096-35		
Client ID:	PRA-2 NW-3.75				
Operator ID:	615	ALS Bottle#:	40	Worklist Smp#:	46
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: FB_20151105 | Lab Sample ID: 460-104096-37

Matrix: Water | Lab File ID: GC2F7995.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 16:30

Extraction Method: 3510C | Date Extracted: 11/11/2015 09:54

Sample wt/vol: 970(mL) | Date Analyzed: 11/11/2015 12:28

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334647 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.085	U	0.085	0.085

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		28-121
108-90-7	Chlorobenzene	66		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7995.D
Lims ID: 460-104096-G-37-A Lab Sample ID: 460-104096-37
Client ID: FB_20151105
Sample Type: Client
Inject. Date: 11-Nov-2015 12:28:56 ALS Bottle#: 10 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-008
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

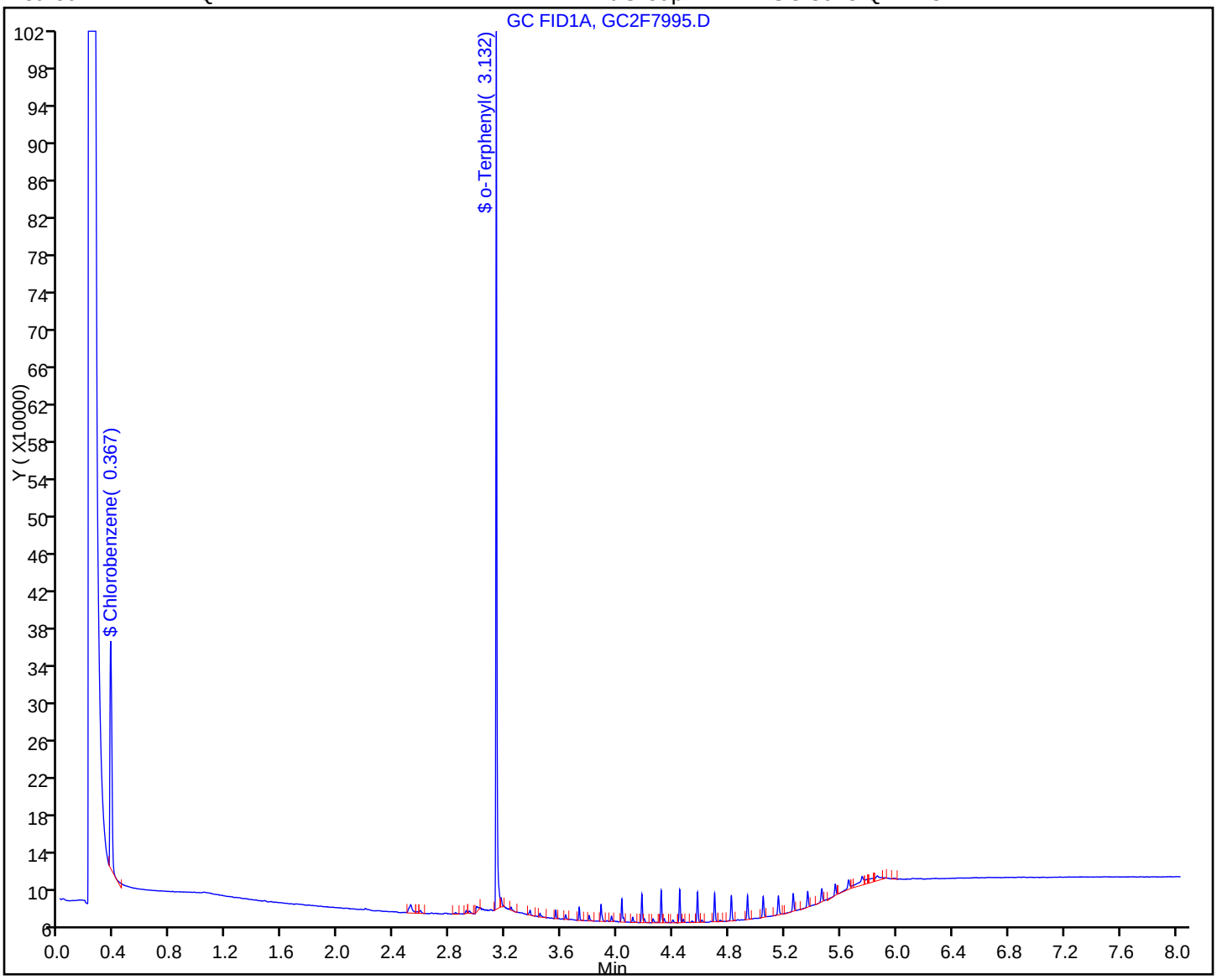
First Level Reviewer: nimerd Date: 11-Nov-2015 11:53:33

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene					
0.367	0.365	0.002	234492	13.2	
$ 4 o-Terphenyl					
3.132	3.133	-0.001	474024	14.1	

Report Date: 11-Nov-2015 12:56:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File:	\\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7995.D				
Injection Date:	11-Nov-2015 12:28:56	Instrument ID:	CBNAGC2		
Lims ID:	460-104096-G-37-A	Lab Sample ID:	460-104096-37		
Client ID:	FB_20151105				
Operator ID:	615	ALS Bottle#:	10	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	2.849	2.849	2.849	2.849	2.849						0.312 - 5.386	2.849
Chlorobenzene	0.405	0.407	0.406	0.406	0.405						0.356 - 0.456	0.406
o-Terphenyl	3.220	3.220	3.219	3.219	3.219						3.169 - 3.269	3.219

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.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)	19584 20019	26025	24977	25141	Ave		23149.4384				13.3		20.0			
Chlorobenzene	16276 15539	19514	18672	18951	Ave		17790.4480				9.9		20.0			
o-Terphenyl	36164 27223	36625	34477	33868	Ave		33671.3600				11.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-104096-1 Analy Batch No.: 321645

SDG No.:

Instrument ID: CBNAGC2 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/10/2015 08:32 Calibration End Date: 09/10/2015 09:20 Calibration ID: 52187

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-321645/3	GC2F6866.D
Level 2	STD2 460-321645/4	GC2F6867.D
Level 3	STD3 460-321645/5	GC2F6868.D
Level 4	STD4 460-321645/6	GC2F6869.D
Level 5	STD5 460-321645/7	GC2F6870.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	1612185	10712053	20560902	51740805	82399542	82.3	412	823	2058	4116
Chlorobenzene	Ave	4069	24392	46680	118445	194243	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	9041	45781	86192	211675	340290	0.250	1.25	2.50	6.25	12.5

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6866.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 10-Sep-2015 08:32:53 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD1
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:54 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:30

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.362	0.362	0.000	107327	NC	NC	
$	5 Chlorobenzene						M
	0.405	0.406	-0.001	4069	0.2500	0.2287	M
A	3 C8-C40						
	2.849	(0.312-5.386)		1612185	82.3	69.6	k
$	4 o-Terphenyl						
	3.220	3.219	0.001	9041	0.2500	0.2685	
2	C40						
	5.287	5.286	0.001	1644	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML1_00020 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6866.D

Injection Date: 10-Sep-2015 08:32:53 Instrument ID: CBNAGC2

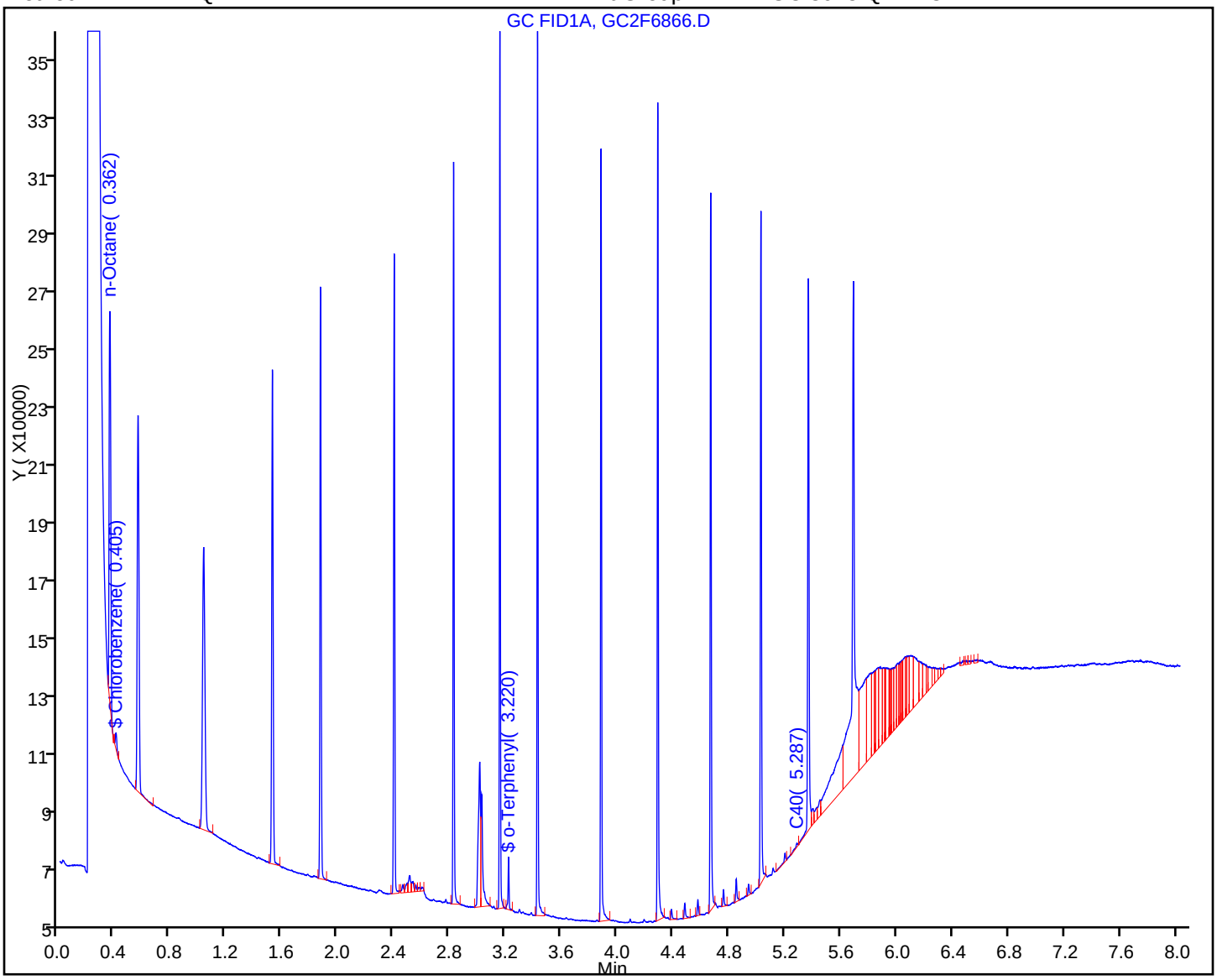
Lims ID: STD1

Client ID:

Operator ID: 615 ALS Bottle#: 6 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6867.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 10-Sep-2015 08:44:46 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD2
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:54 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:47

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.362	0.362	0.000	648481	NC	NC	
$	5 Chlorobenzene						M
	0.407	0.406	0.001	24392	1.25	1.37	M
A	3 C8-C40						
	2.849	(0.312-5.386)		10712053	411.6	462.7	k
$	4 o-Terphenyl						
	3.220	3.219	0.001	45781	1.25	1.36	
2	C40						
	5.309	5.286	0.023	779668	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML2_00020 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:54 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6867.D

Injection Date: 10-Sep-2015 08:44:46 Instrument ID: CBNAGC2

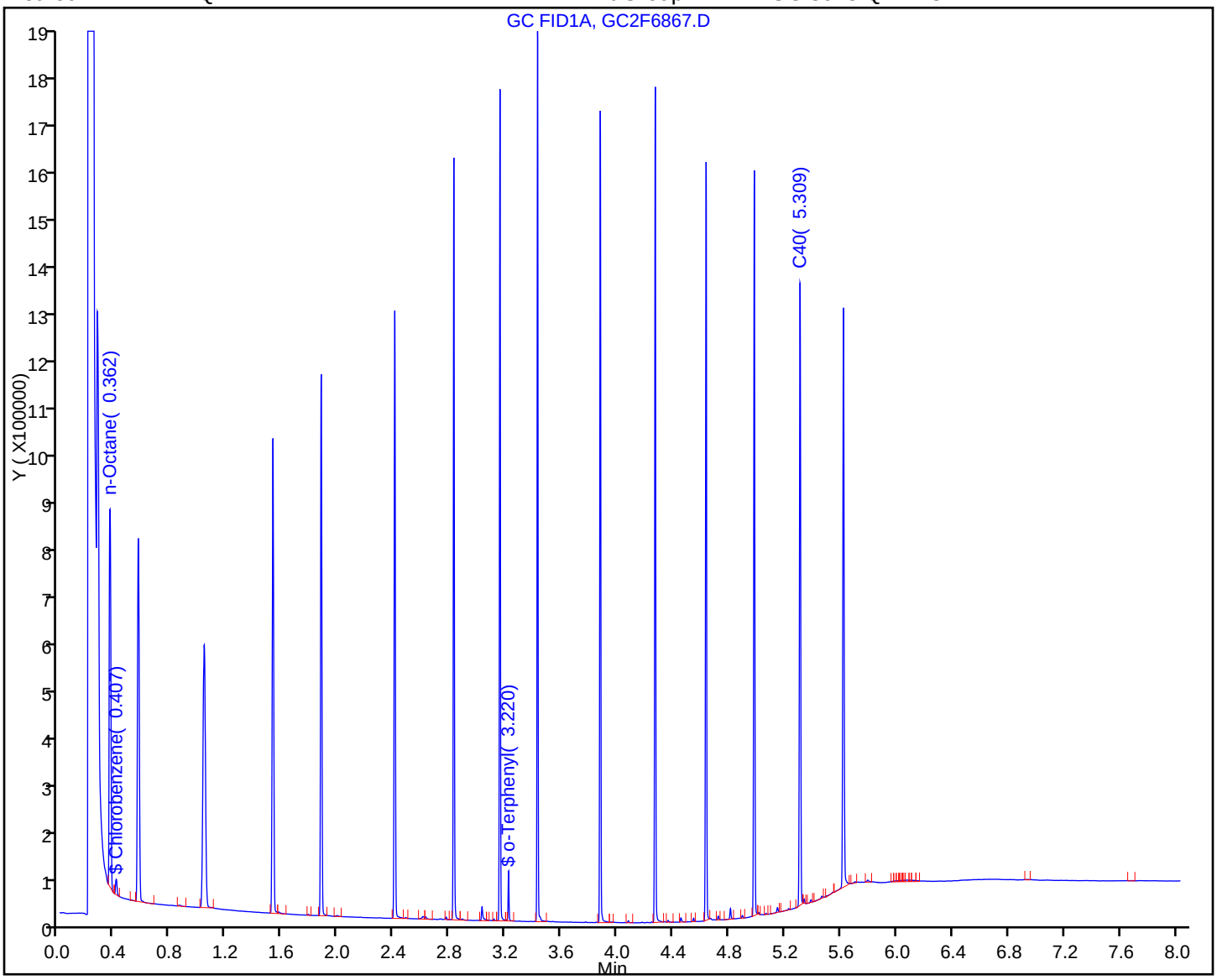
Lims ID: STD2

Client ID:

Operator ID: 615 ALS Bottle#: 7 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6868.D
Lims ID: STD3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 10-Sep-2015 08:56:39 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD3
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:55 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:23:00

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.362	0.362	0.000	1245746	NC	NC	
$	5 Chlorobenzene						M
	0.406	0.406	0.000	46680	2.50	2.62	M
A	3 C8-C40						
	2.849	(0.312-5.386)		20560902	823.2	888.2	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	86192	2.50	2.56	
2	C40						
	5.285	5.286	-0.001	1489722	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML3_00021 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6868.D

Injection Date: 10-Sep-2015 08:56:39 Instrument ID: CBNAGC2

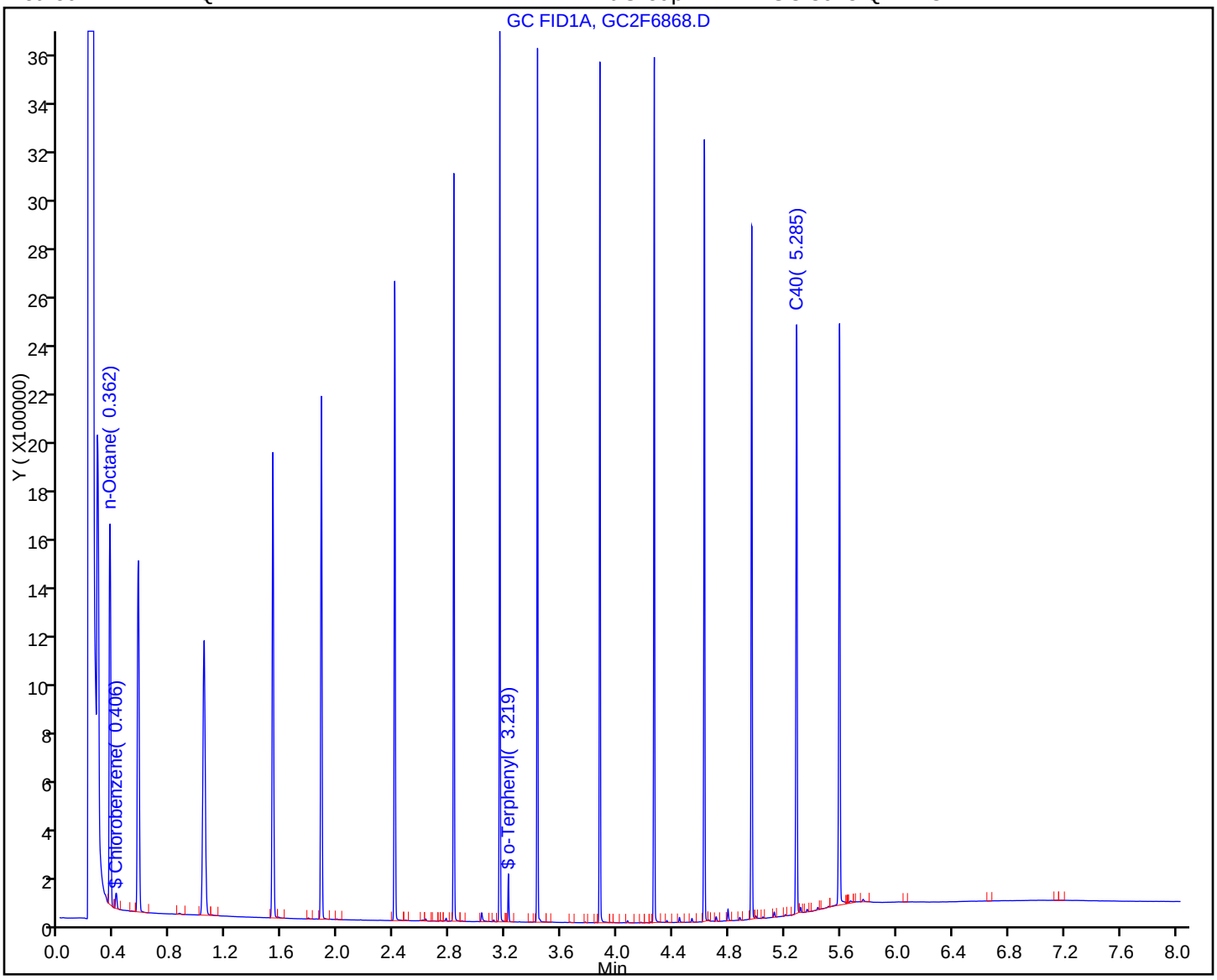
Lims ID: STD3

Client ID:

Operator ID: 615 ALS Bottle#: 8 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6869.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 10-Sep-2015 09:08:42 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD4
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:55 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:22:03

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.362	0.362	0.000	3149688	NC	NC	
$	5 Chlorobenzene						
	0.406	0.406	0.000	118445	6.25	6.66	
A	3 C8-C40						
	2.849	(0.312-5.386)		51740805	2058.0	2235.1	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	211675	6.25	6.29	
	2 C40						
	5.286	5.286	0.000	3787505	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00021 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:55 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6869.D

Injection Date: 10-Sep-2015 09:08:42 Instrument ID: CBNAGC2

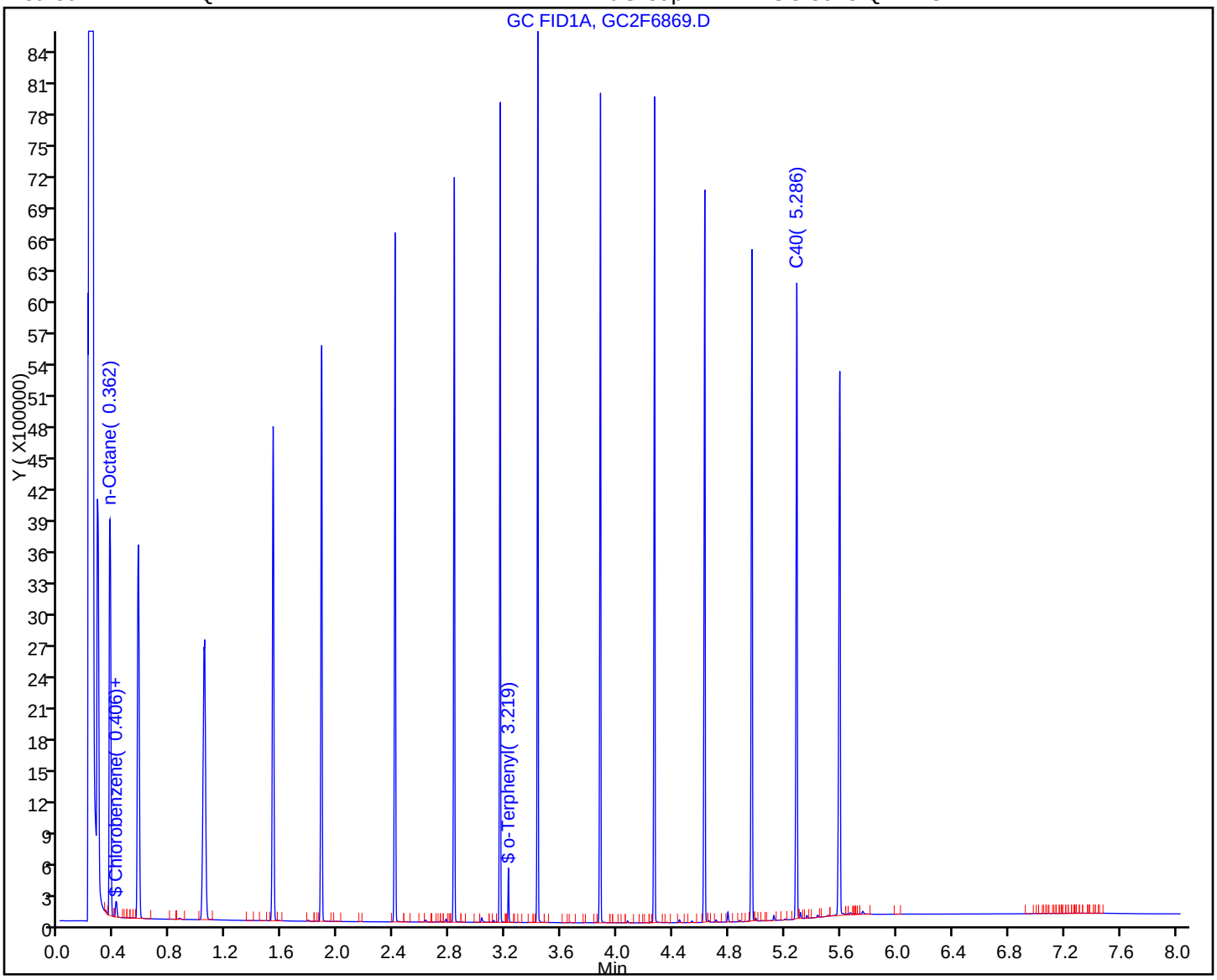
Lims ID: STD4

Client ID:

Operator ID: 615 ALS Bottle#: 9 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 10-Sep-2015 09:20:35 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: STD5
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 10-Sep-2015 09:52:56 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK015

First Level Reviewer: nimerd Date: 10-Sep-2015 09:37:06

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.362	0.362	0.000	5145619	NC	NC	
$	5 Chlorobenzene						
	0.405	0.406	-0.001	194243	12.5	10.9	
A	3 C8-C40						
	2.849	(0.312-5.386)		82399542	4116.0	3559.5	k
$	4 o-Terphenyl						
	3.219	3.219	0.000	340290	12.5	10.1	
	2 C40						
	5.293	5.286	0.007	5919762	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML5_00023 Amount Added: 1.00 Units: mL

Report Date: 10-Sep-2015 09:52:56 Chrom Revision: 2.2 23-Jul-2015 08:26:08

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Injection Date: 10-Sep-2015 09:20:35 Instrument ID: CBNAGC2

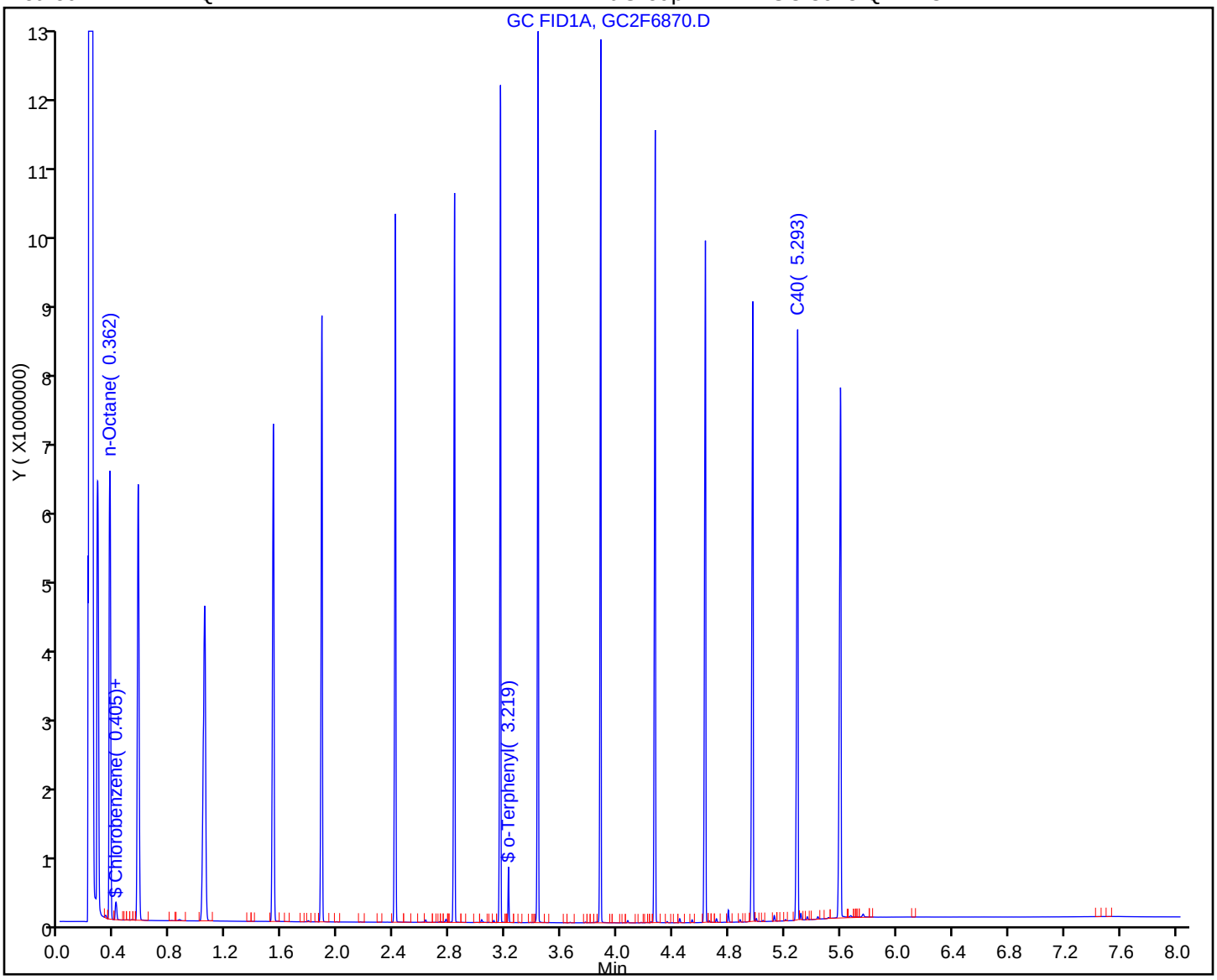
Lims ID: STD5

Client ID:

Operator ID: 615 ALS Bottle#: 10 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/3 Calibration Date: 11/10/2015 10:07

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7931.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	23149	25080		2230	2060	8.3	15.0
Chlorobenzene	Ave	17790	19061		6.70	6.25	7.1	15.0
o-Terphenyl	Ave	33671	35871		6.66	6.25	6.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/3 Calibration Date: 11/10/2015 10:07

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7931.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.14	3.09	3.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7931.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 10:07:10 ALS Bottle#: 5 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: CCV
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 08:13:04 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 10-Nov-2015 09:38:51

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.331	0.331	0.000	3295668	NC	NC	
$	5 Chlorobenzene						
	0.368	0.368	0.000	119132	6.25	6.70	
A	3 C8-C40						
	2.843	(0.281-5.404)		51614247	2058.0	2229.6	k
$	4 o-Terphenyl						
	3.136	3.136	0.000	224192	6.25	6.66	
	2 C40						
	5.304	5.304	0.000	10946	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 08:13:05 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7931.D

Injection Date: 10-Nov-2015 10:07:10 Instrument ID: CBNAGC2

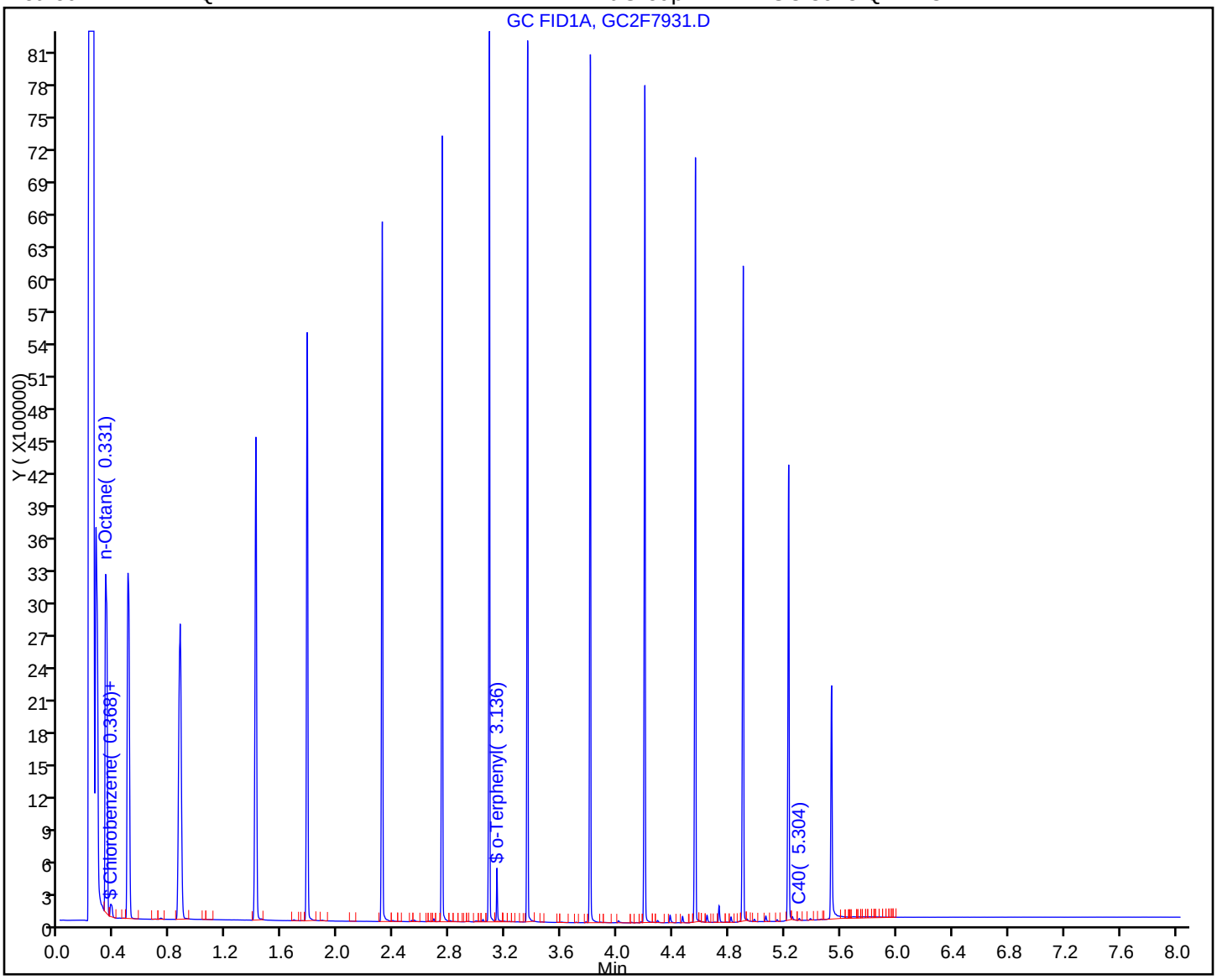
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/14 Calibration Date: 11/10/2015 12:42

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7942.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	23149	26123		2320	2060	12.8	15.0
Chlorobenzene	Ave	17790	18619		6.54	6.25	4.7	15.0
o-Terphenyl	Ave	33671	34921		6.48	6.25	3.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/14 Calibration Date: 11/10/2015 12:42

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7942.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.14	3.09	3.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7942.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 12:42:12 ALS Bottle#: 5 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-014
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:38 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 10-Nov-2015 11:54:28

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.333	0.331	0.002	3281036	NC	NC	
$	5 Chlorobenzene						
	0.369	0.368	0.001	116368	6.25	6.54	
A	3 C8-C40						
	2.843	(0.281-5.404)		53761792	2058.0	2322.4	k
$	4 o-Terphenyl						
	3.135	3.136	-0.001	218259	6.25	6.48	
2	C40						
	5.302	5.304	-0.002	18726	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:39 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7942.D

Injection Date: 10-Nov-2015 12:42:12 Instrument ID: CBNAGC2

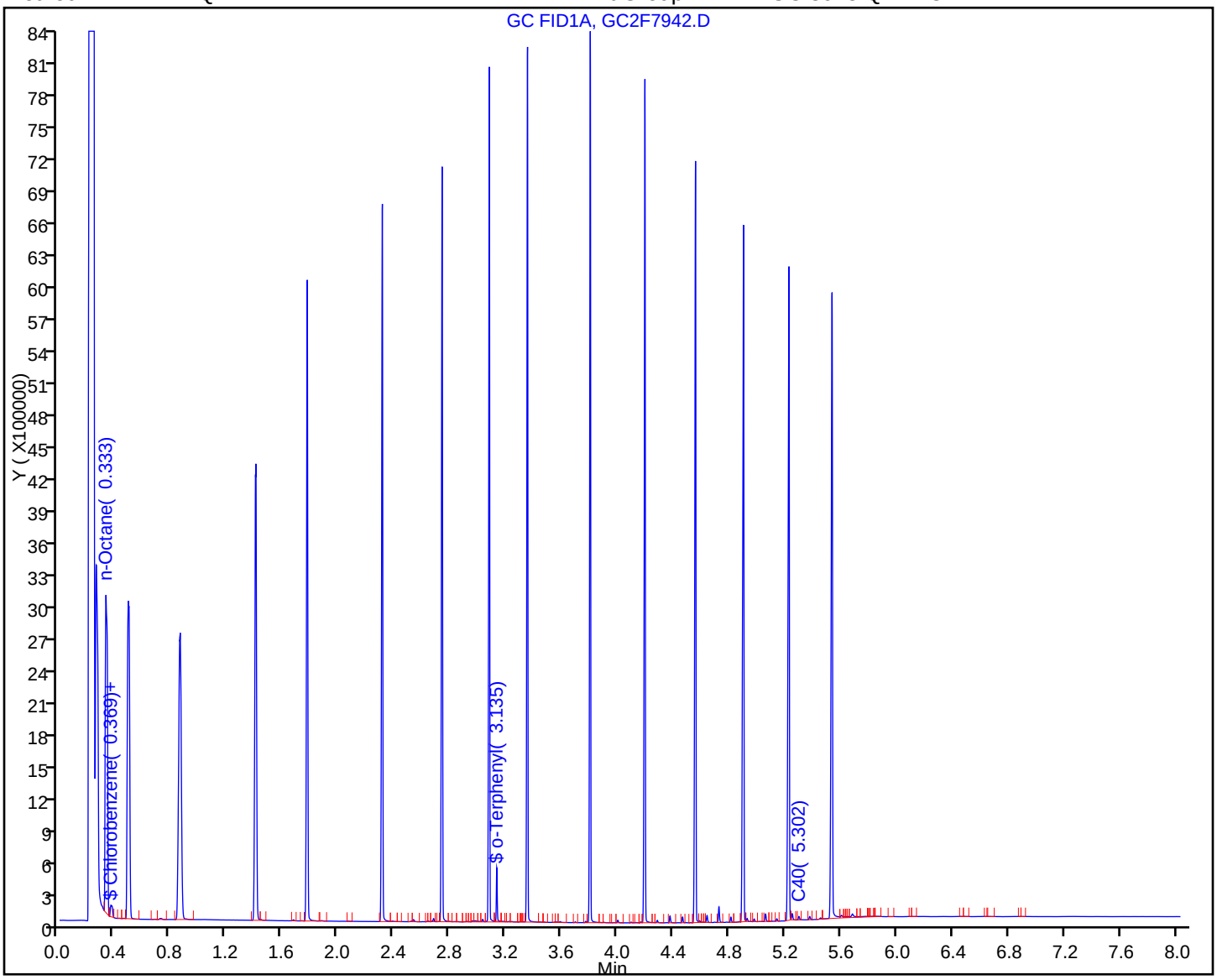
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 14

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/25 Calibration Date: 11/10/2015 14:54

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7953.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	23149	26399		2350	2060	14.0	15.0
Chlorobenzene	Ave	17790	19613		6.89	6.25	10.2	15.0
o-Terphenyl	Ave	33671	35806		6.65	6.25	6.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/25 Calibration Date: 11/10/2015 14:54

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7953.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.14	3.09	3.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7953.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 14:54:36 ALS Bottle#: 5 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-025
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:45 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 10-Nov-2015 14:31:44

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.333	0.331	0.002	3376781	NC	NC	
$	5 Chlorobenzene						
	0.369	0.368	0.001	122581	6.25	6.89	
A	3 C8-C40						M
	2.843	(0.281-5.404)		54330149	2058.0	2346.9	kM
$	4 o-Terphenyl						
	3.136	3.136	0.000	223785	6.25	6.65	
2	C40						
	5.297	5.304	-0.007	19209	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:45 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7953.D

Injection Date: 10-Nov-2015 14:54:36 Instrument ID: CBNAGC2

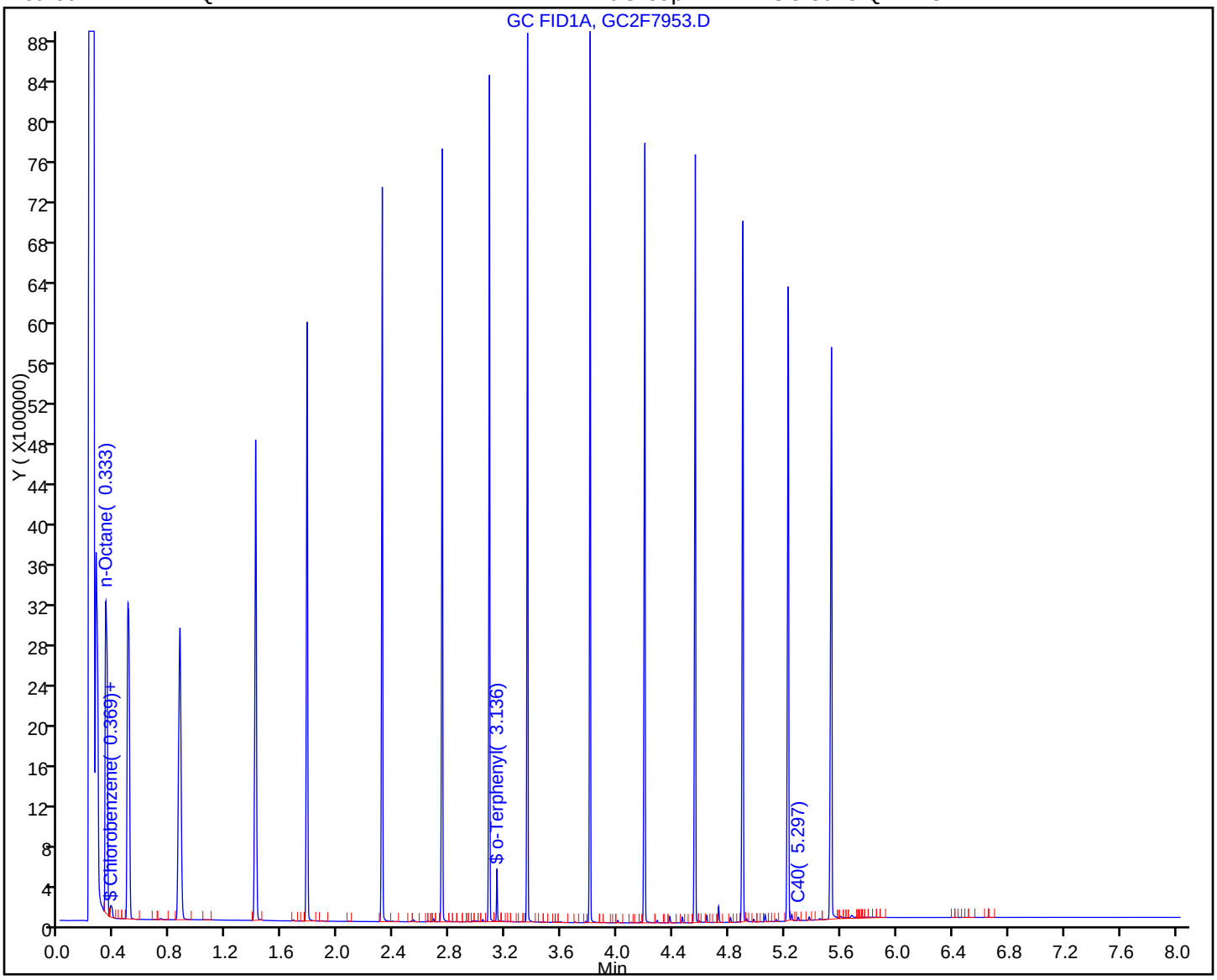
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/31 Calibration Date: 11/10/2015 16:32

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7959.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	23149	24808		2210	2060	7.2	15.0
Chlorobenzene	Ave	17790	17858		6.27	6.25	0.4	15.0
o-Terphenyl	Ave	33671	33337		6.19	6.25	-1.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/31 Calibration Date: 11/10/2015 16:32

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7959.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.14	3.09	3.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7959.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 16:32:24 ALS Bottle#: 5 Worklist Smp#: 31
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-031
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 10-Nov-2015 15:56:35

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.334	0.331	0.003	3091822	NC	NC	
$	5 Chlorobenzene						
	0.369	0.368	0.001	111612	6.25	6.27	
A	3 C8-C40						
	2.843	(0.281-5.404)		51055880	2058.0	2205.5	k
$	4 o-Terphenyl						
	3.135	3.136	-0.001	208359	6.25	6.19	
2	C40						
	5.302	5.304	-0.002	18397	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

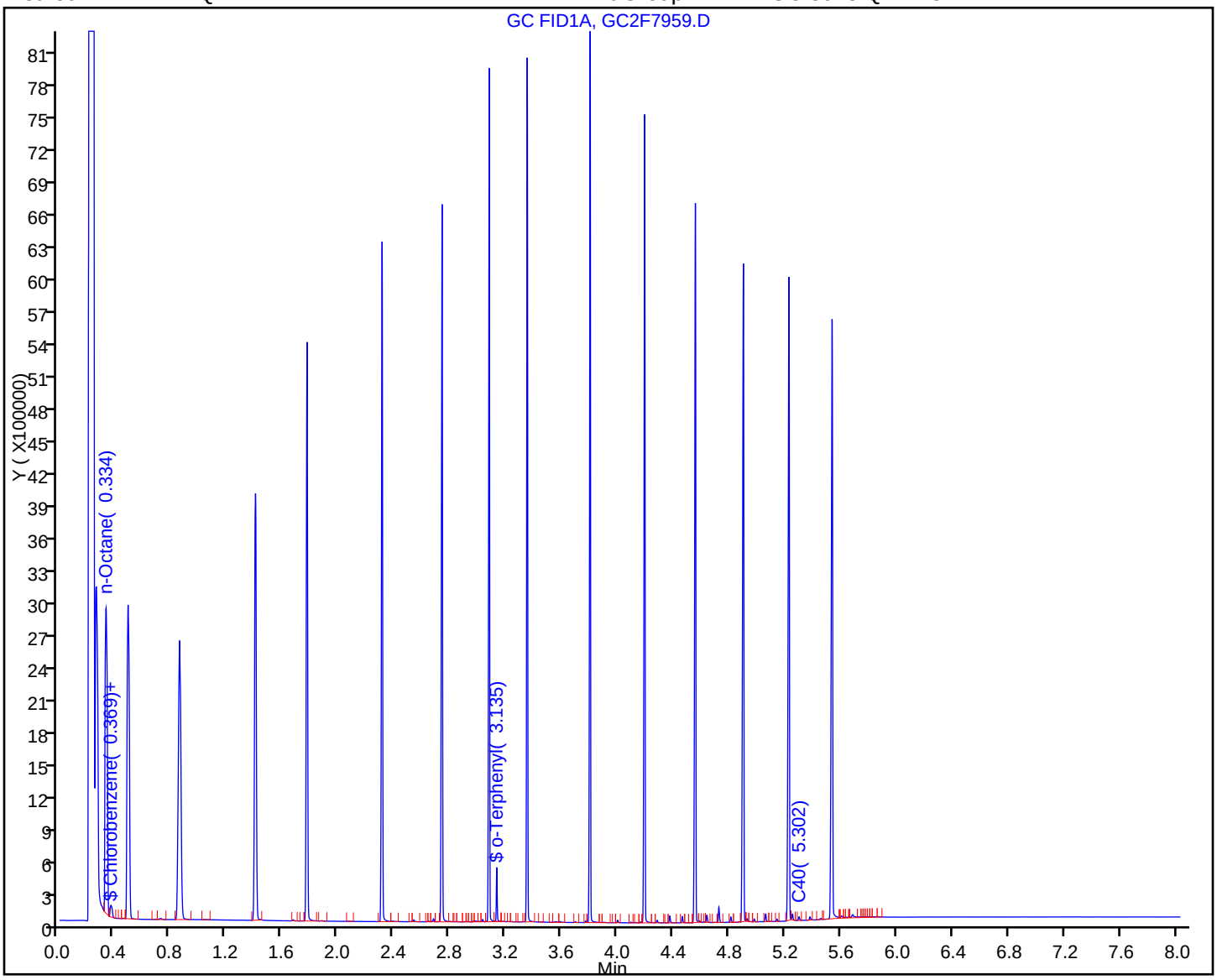
SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7959.D

Injection Date:	10-Nov-2015 16:32:24	Instrument ID:	CBNAGC2		
Lims ID:	ccv				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	31
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/41 Calibration Date: 11/10/2015 18:40

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7969.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	23149	24394		2170	2060	5.4	15.0
Chlorobenzene	Ave	17790	17480		6.14	6.25	-1.7	15.0
o-Terphenyl	Ave	33671	32586		6.05	6.25	-3.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/41 Calibration Date: 11/10/2015 18:40

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7969.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.14	3.09	3.19

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7969.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 18:40:36 ALS Bottle#: 5 Worklist Smp#: 41
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-041
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:53 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.335	0.331	0.004	3038784	NC	NC	
$	5 Chlorobenzene						
	0.370	0.368	0.002	109247	6.25	6.14	
A	3 C8-C40						
	2.843	(0.281-5.404)		50203597	2058.0	2168.7	k
$	4 o-Terphenyl						
	3.135	3.136	-0.001	203665	6.25	6.05	
	2 C40						
	5.312	5.304	0.008	18007	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:54 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7969.D

Injection Date: 10-Nov-2015 18:40:36 Instrument ID: CBNAGC2

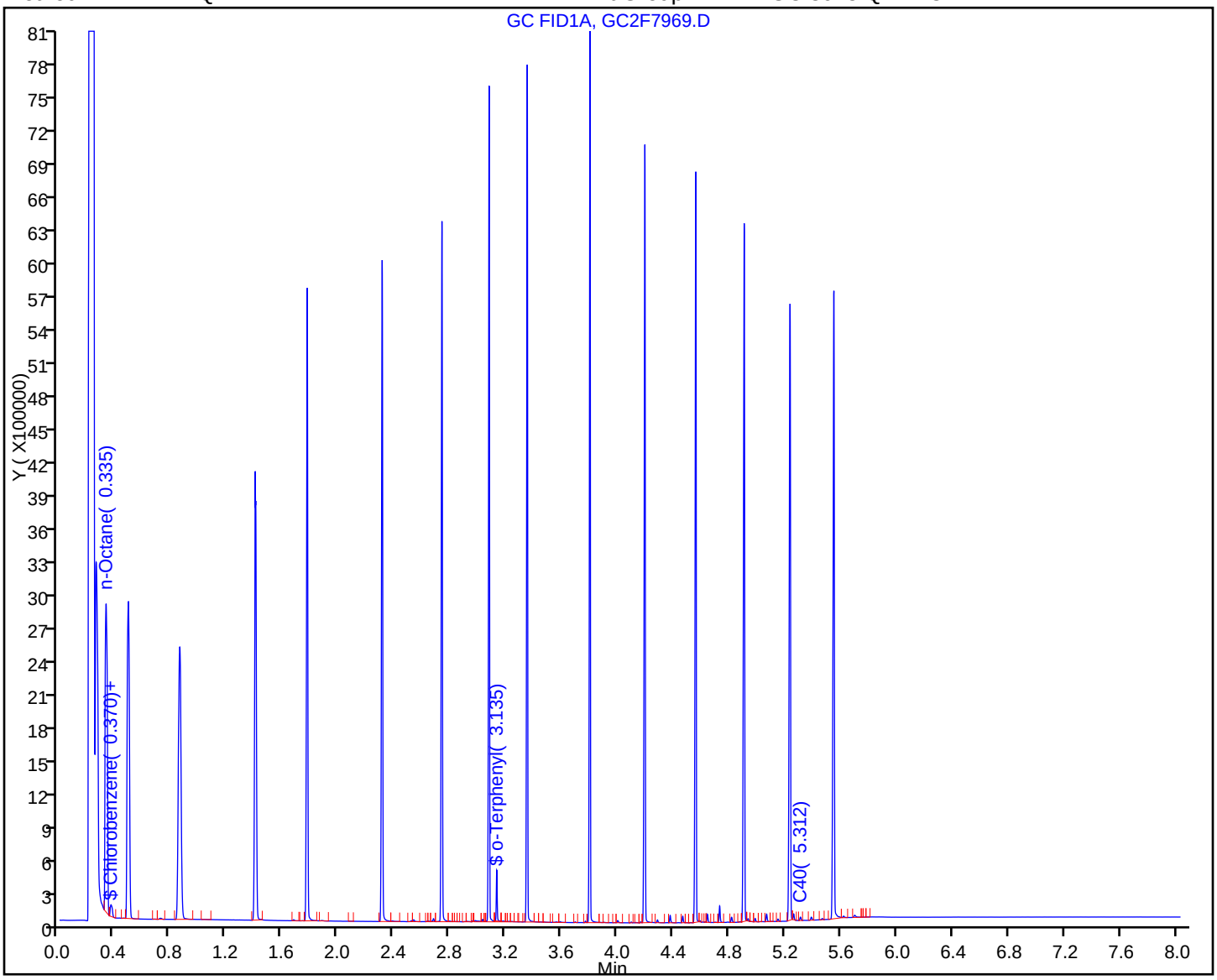
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 41

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/48 Calibration Date: 11/10/2015 20:04

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7976.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	23149	20429		1820	2060	-11.8	15.0
Chlorobenzene	Ave	17790	16885		5.93	6.25	-5.1	15.0
o-Terphenyl	Ave	33671	28948		5.37	6.25	-14.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334329/48 Calibration Date: 11/10/2015 20:04

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7976.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7976.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 10-Nov-2015 20:04:23 ALS Bottle#: 5 Worklist Smp#: 48
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-048
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:27 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 06:35:12

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						M
	0.330	0.331	-0.001	2247115	NC	NC	M
$	5 Chlorobenzene						
	0.366	0.366	0.000	105532	6.25	5.93	
A	3 C8-C40						
	2.843	(0.281-5.404)		42043381	2058.0	1816.2	k
$	4 o-Terphenyl						
	3.134	3.134	0.000	180925	6.25	5.37	
	2 C40						
	5.286	5.304	-0.018	14935	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted
Review Flags
M - Manually Integrated

Reagents:

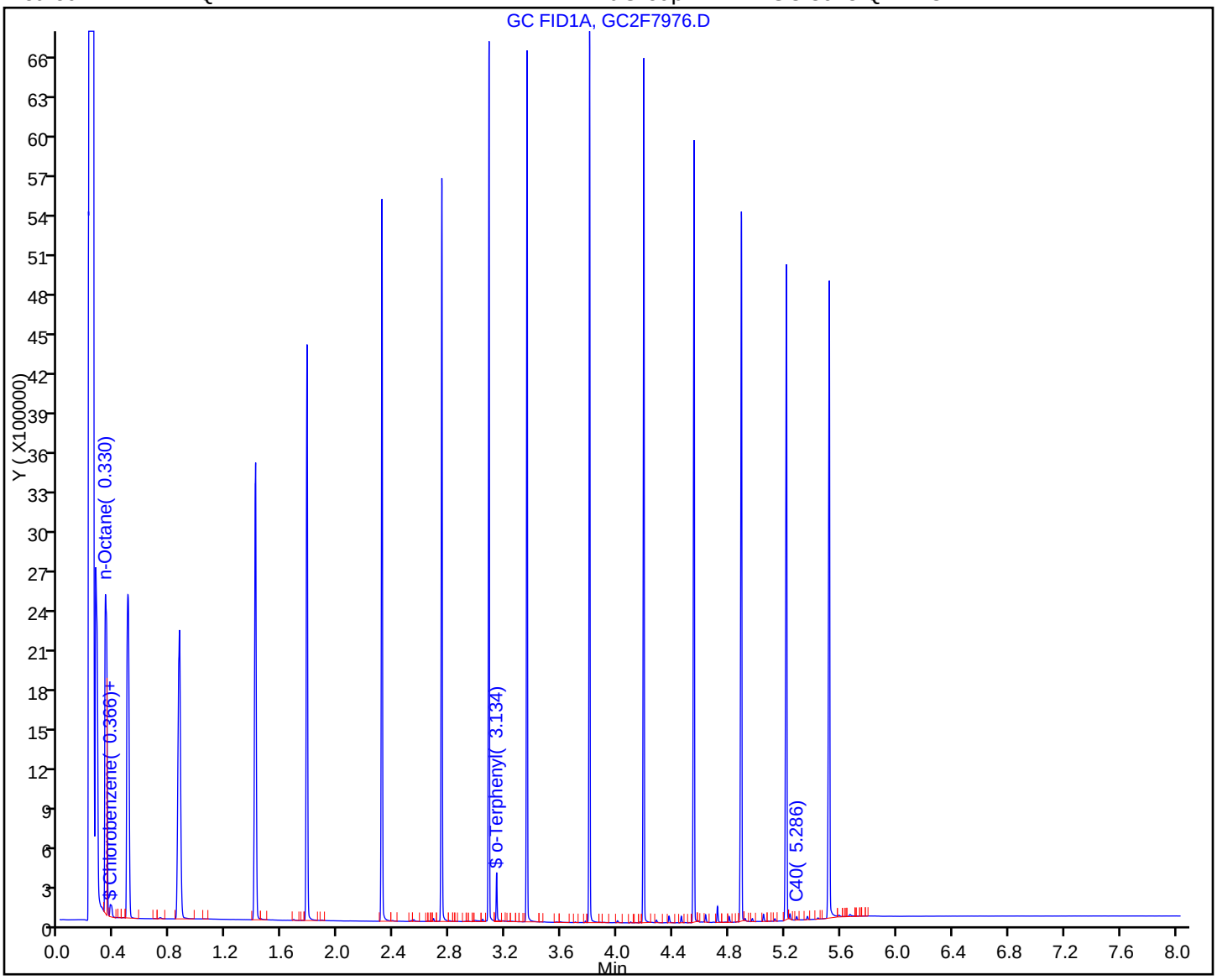
SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7976.D

Injection Date:	10-Nov-2015 20:04:23	Instrument ID:	CBNAGC2		
Lims ID:	ccv				
Client ID:					
Operator ID:	615	ALS Bottle#:	5	Worklist Smp#:	48
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334647/3 Calibration Date: 11/11/2015 11:17

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7990.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	23149	20933		1860	2060	-9.6	15.0
Chlorobenzene	Ave	17790	15396		5.41	6.25	-13.5	15.0
o-Terphenyl	Ave	33671	29405		5.46	6.25	-12.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334647/3 Calibration Date: 11/11/2015 11:17

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7990.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7990.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 11:17:43 ALS Bottle#: 5 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-003
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 10:55:19

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Octane						
	0.330	0.330	0.000	2677541	NC	NC	
$	5 Chlorobenzene						
	0.365	0.365	0.000	96227	6.25	5.41	
A	3 C8-C40						
	2.840	(0.280-5.400)		43079695	2058.0	1860.9	k
$	4 o-Terphenyl						
	3.133	3.133	0.000	183780	6.25	5.46	
	2 C40						
	5.300	5.300	0.000	14896	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 12:56:11 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7990.D

Injection Date: 11-Nov-2015 11:17:43 Instrument ID: CBNAGC2

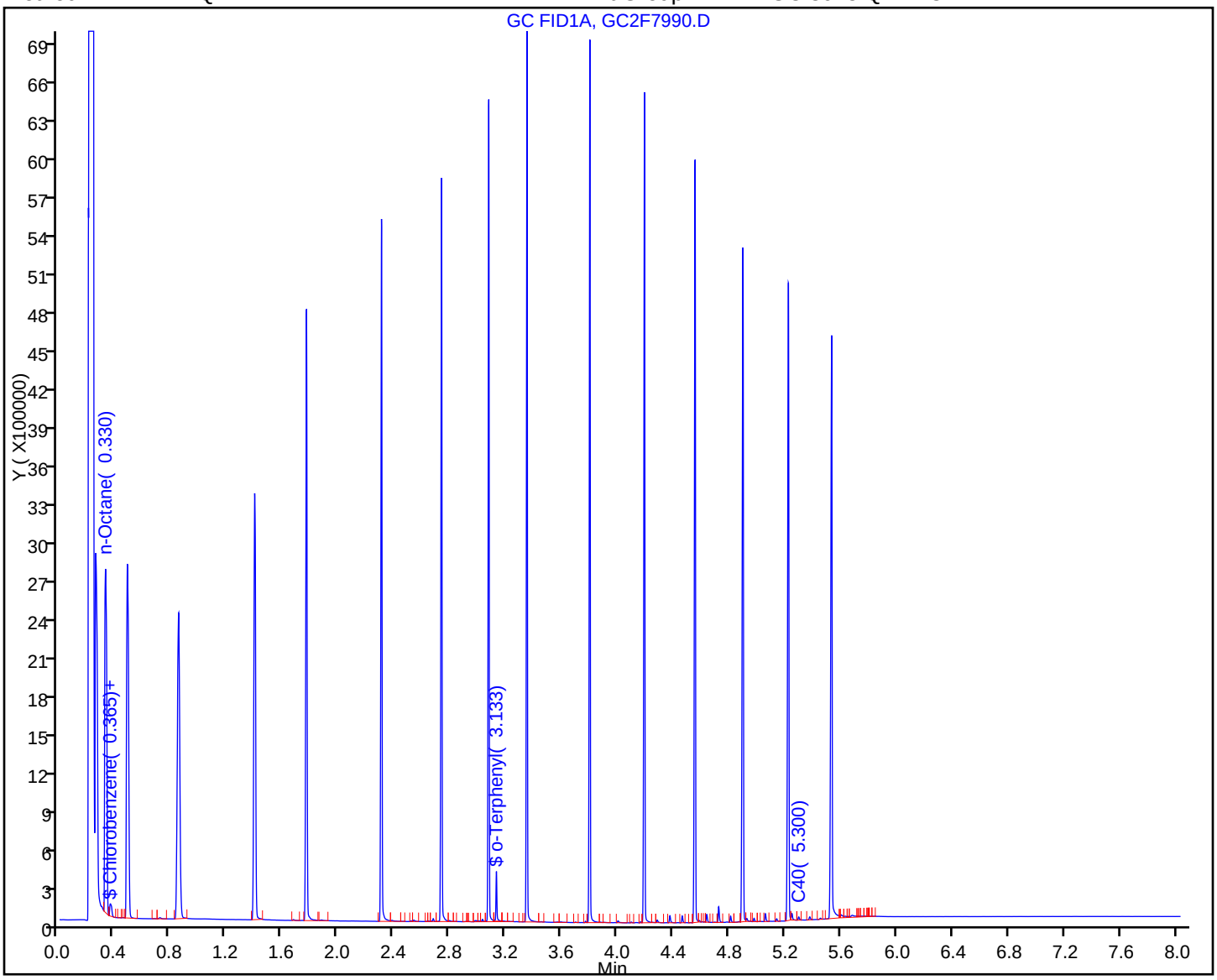
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 3

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334647/10 Calibration Date: 11/11/2015 12:52

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7997.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	23149	21264		1890	2060	-8.1	15.0
Chlorobenzene	Ave	17790	15670		5.51	6.25	-11.9	15.0
o-Terphenyl	Ave	33671	30000		5.57	6.25	-10.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Lab Sample ID: CCV 460-334647/10 Calibration Date: 11/11/2015 12:52

Instrument ID: CBNAGC2 Calib Start Date: 09/10/2015 08:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/10/2015 09:20

Lab File ID: GC2F7997.D

Analyte	RT	RT WINDOW	
		FROM	TO
Total Petroleum Hydrocarbons (C8-C40)	2.84	0.28	5.40
Chlorobenzene	0.37	0.32	0.42
o-Terphenyl	3.13	3.08	3.18

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7997.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 11-Nov-2015 12:52:49 ALS Bottle#: 5 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-010
Operator ID: 615 Instrument ID: CBNAGC2
Sublist: chrom-QAM2F*sub1

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:15 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 12:26:37

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1	n-Octane						
	0.332	0.330	0.002	2683464	NC	NC	
$	5 Chlorobenzene						
	0.368	0.365	0.003	97937	6.25	5.51	
A	3 C8-C40						
	2.840	(0.280-5.400)		43760828	2058.0	1890.4	k
$	4 o-Terphenyl						
	3.132	3.133	-0.001	187500	6.25	5.57	
2	C40						
	5.312	5.300	0.012	14748	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated
k - Response Background Subtracted

Reagents:

SGQAML4_00022 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 12:56:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7997.D

Injection Date: 11-Nov-2015 12:52:49 Instrument ID: CBNAGC2

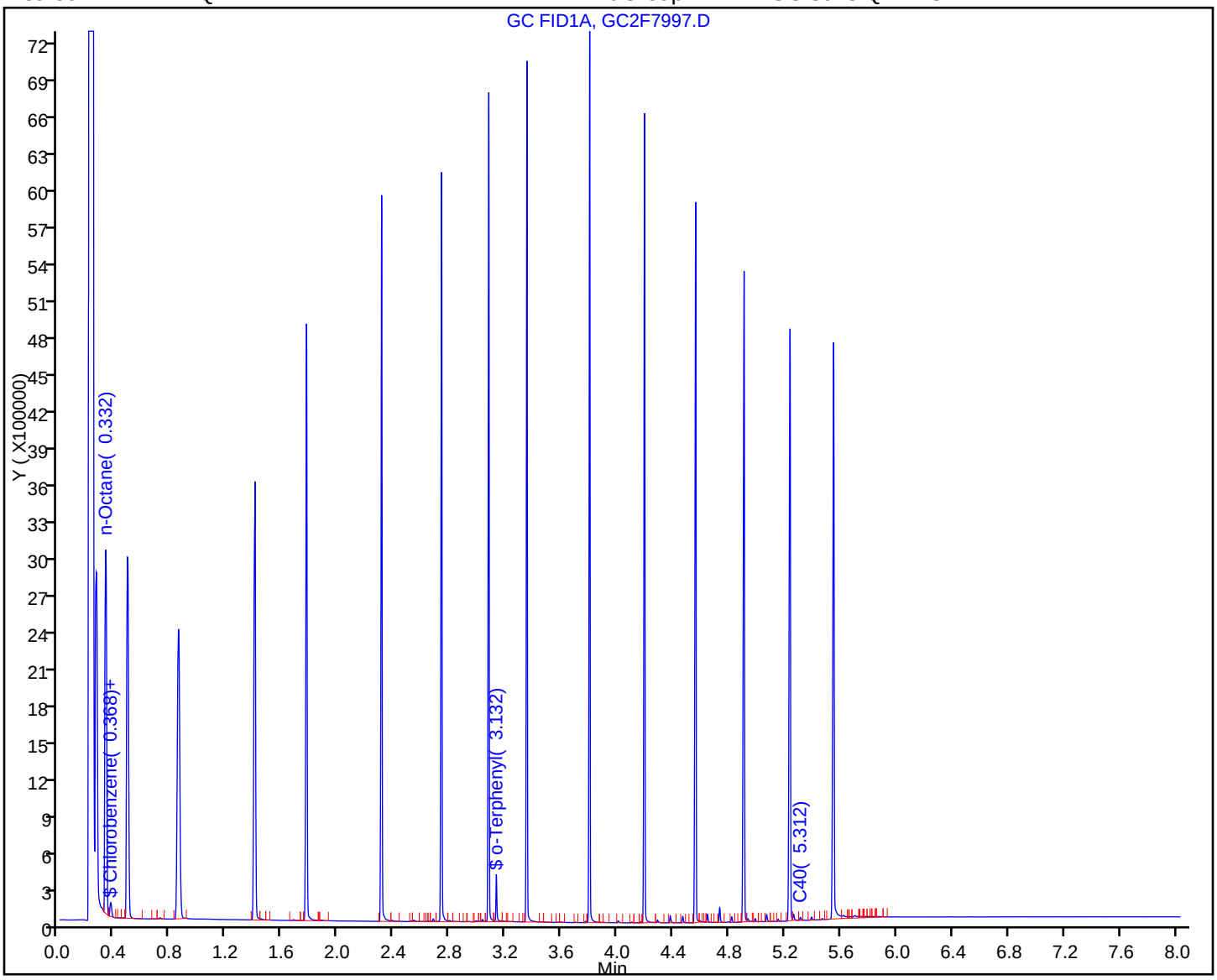
Lims ID: ccv

Client ID:

Operator ID: 615 ALS Bottle#: 5 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334220/1-A

Matrix: Solid | Lab File ID: GC2F7932.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 10:41

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.: 334329 | 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	69		23-104
108-90-7	Chlorobenzene	70		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7932.D
Lims ID: MB 460-334220/1-A
Client ID:
Sample Type: MB
Inject. Date: 10-Nov-2015 10:41:54 ALS Bottle#: 6 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: mb 460-334220/1-
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 08:16:15 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 08:16:15

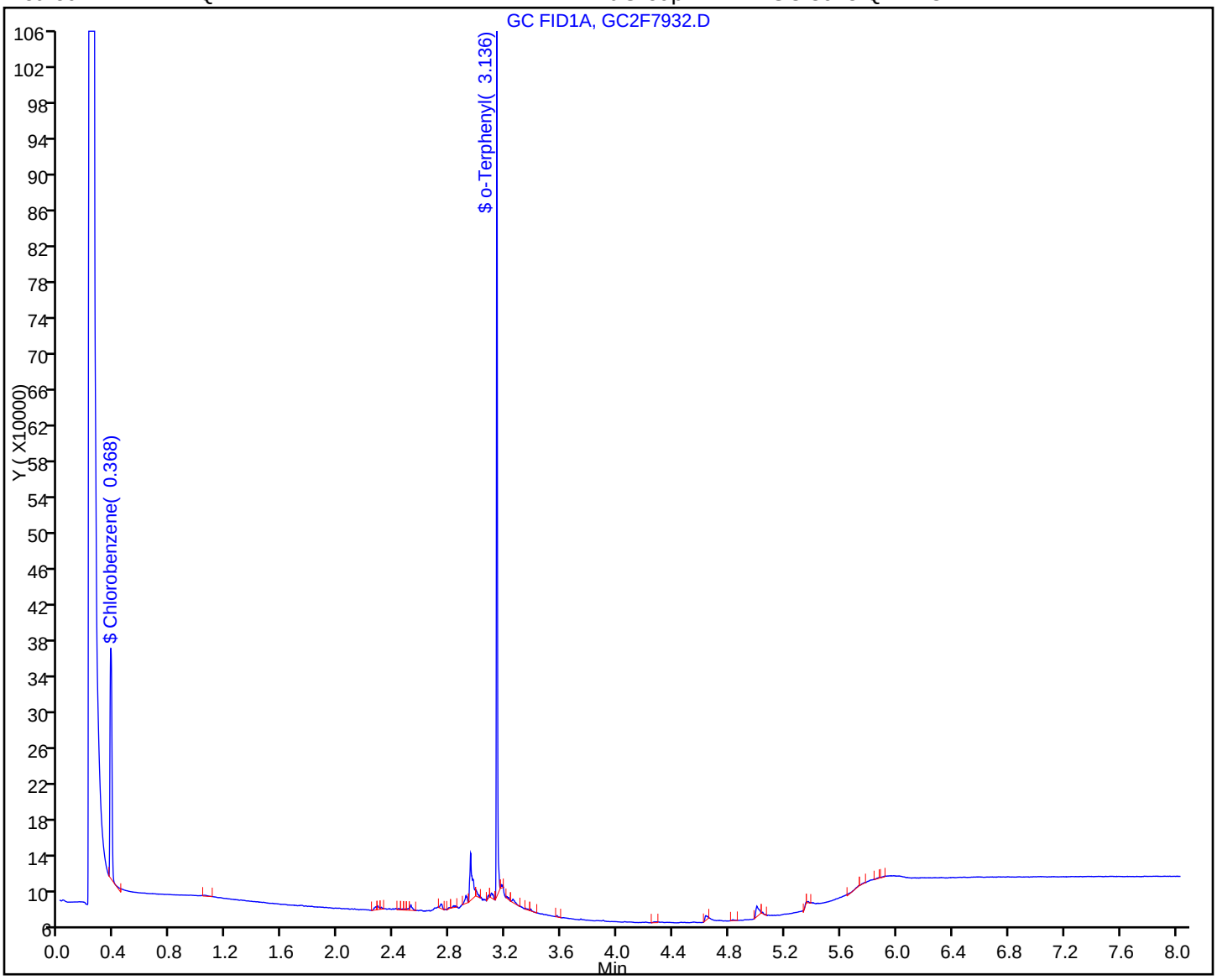
	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.368	0.368	0.000	249525	20.0	14.0	
$	4 o-Terphenyl						
	3.136	3.136	0.000	466700	20.0	13.9	

Report Date: 11-Nov-2015 08:16:16 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7932.D

Injection Date:	10-Nov-2015 10:41:54	Instrument ID:	CBNAGC2		
Lims ID:	MB 460-334220/1-A				
Client ID:					
Operator ID:	615	ALS Bottle#:	6	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-334649/1-A

Matrix: Water | Lab File ID: GC2F7992.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/11/2015 09:54

Sample wt/vol: 10000(mL) | Date Analyzed: 11/11/2015 11:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334647 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.0082	U	0.0082	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	77		28-121
108-90-7	Chlorobenzene	74		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7992.D
Lims ID: MB 460-334649/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Nov-2015 11:49:30 ALS Bottle#: 7 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-005
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 12:50:19

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.365	0.365	0.000	262556	20.0	14.8	
$	4 o-Terphenyl						
	3.132	3.133	-0.001	521349	20.0	15.5	

Report Date: 11-Nov-2015 12:56:12 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7992.D

Injection Date: 11-Nov-2015 11:49:30 Instrument ID: CBNAGC2

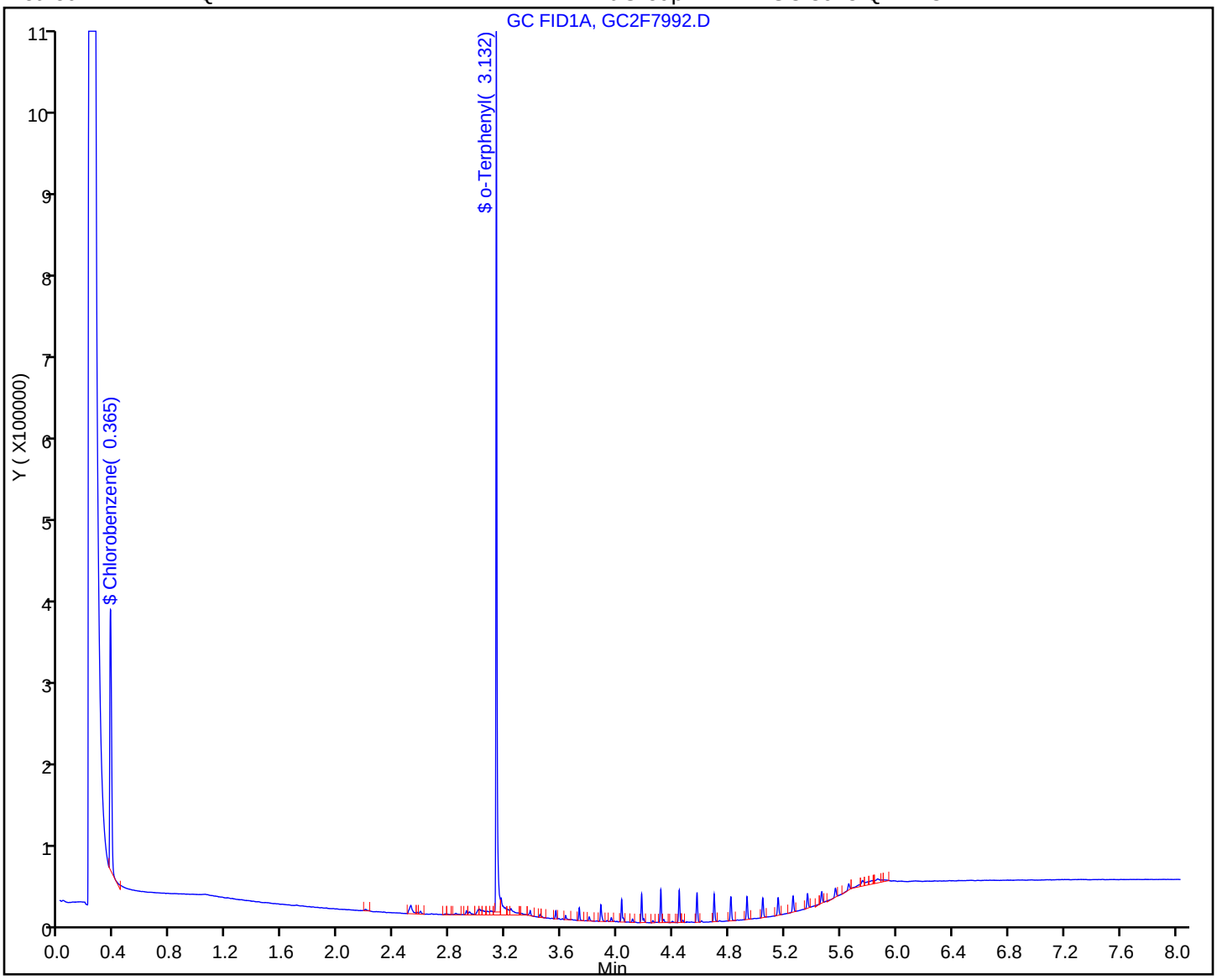
Lims ID: MB 460-334649/1-A

Client ID:

Operator ID: 615 ALS Bottle#: 7 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/2

Matrix: Solid | Lab File ID: GC2F7930.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 09:55

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.: 334329 | 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		23-104
108-90-7	Chlorobenzene	111		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7930.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 09:55:17 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:59:14 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:48:35

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.373	0.368	0.005	121967	6.20	6.86	
$	4 o-Terphenyl						
	3.139	3.136	0.003	188993	6.20	5.61	

Reagents:

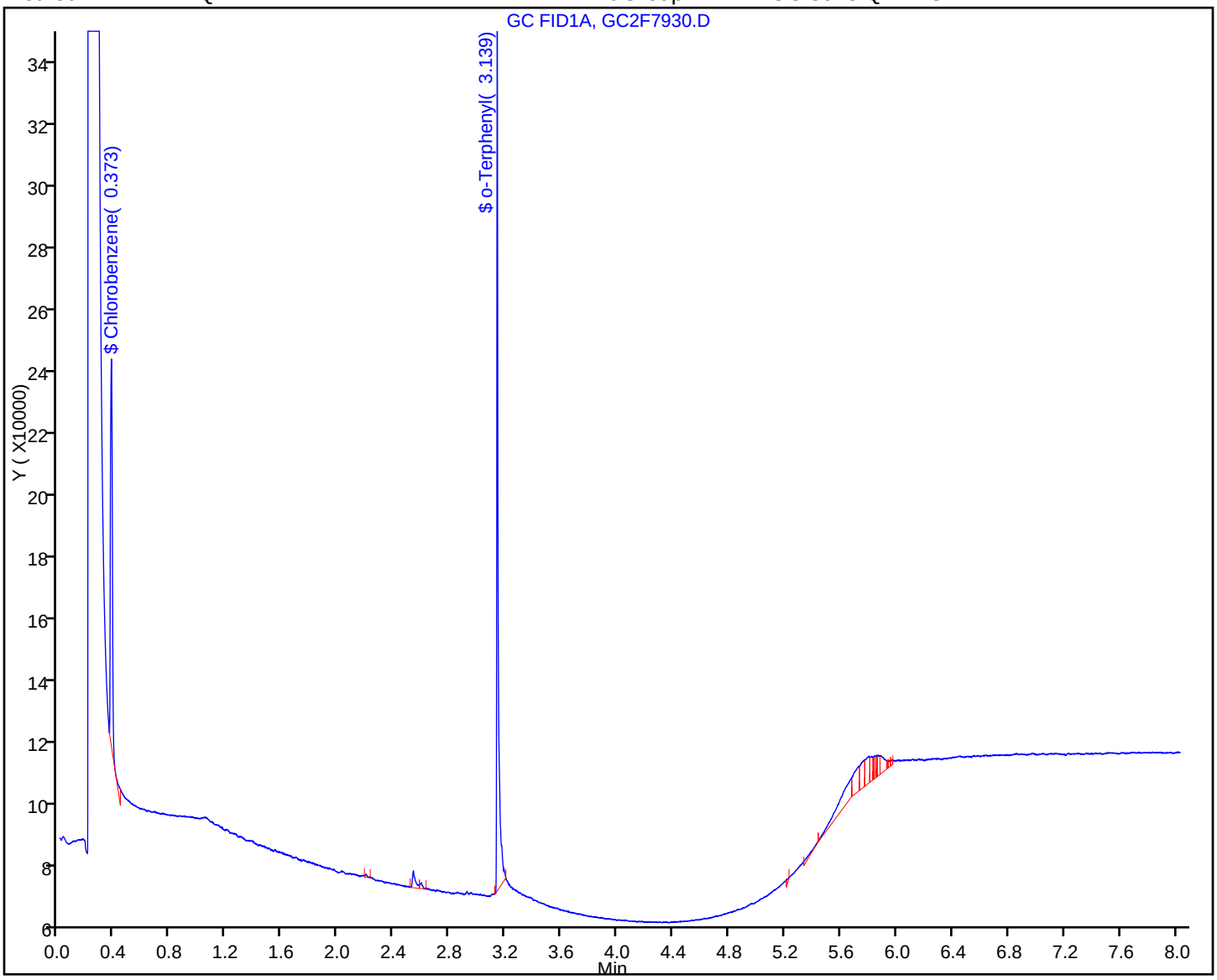
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 08:02:50 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7930.D

Injection Date:	10-Nov-2015 09:55:17	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/13

Matrix: Solid | Lab File ID: GC2F7941.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 12:30

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.: 334329 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.082	U	0.082	0.082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		23-104
108-90-7	Chlorobenzene	111		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7941.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 12:30:19 ALS Bottle#: 4 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-013
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:29 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:49:53

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.372	0.368	0.004	122543	6.20	6.89	
$	4 o-Terphenyl						
	3.136	3.136	0.000	211335	6.20	6.28	

Reagents:

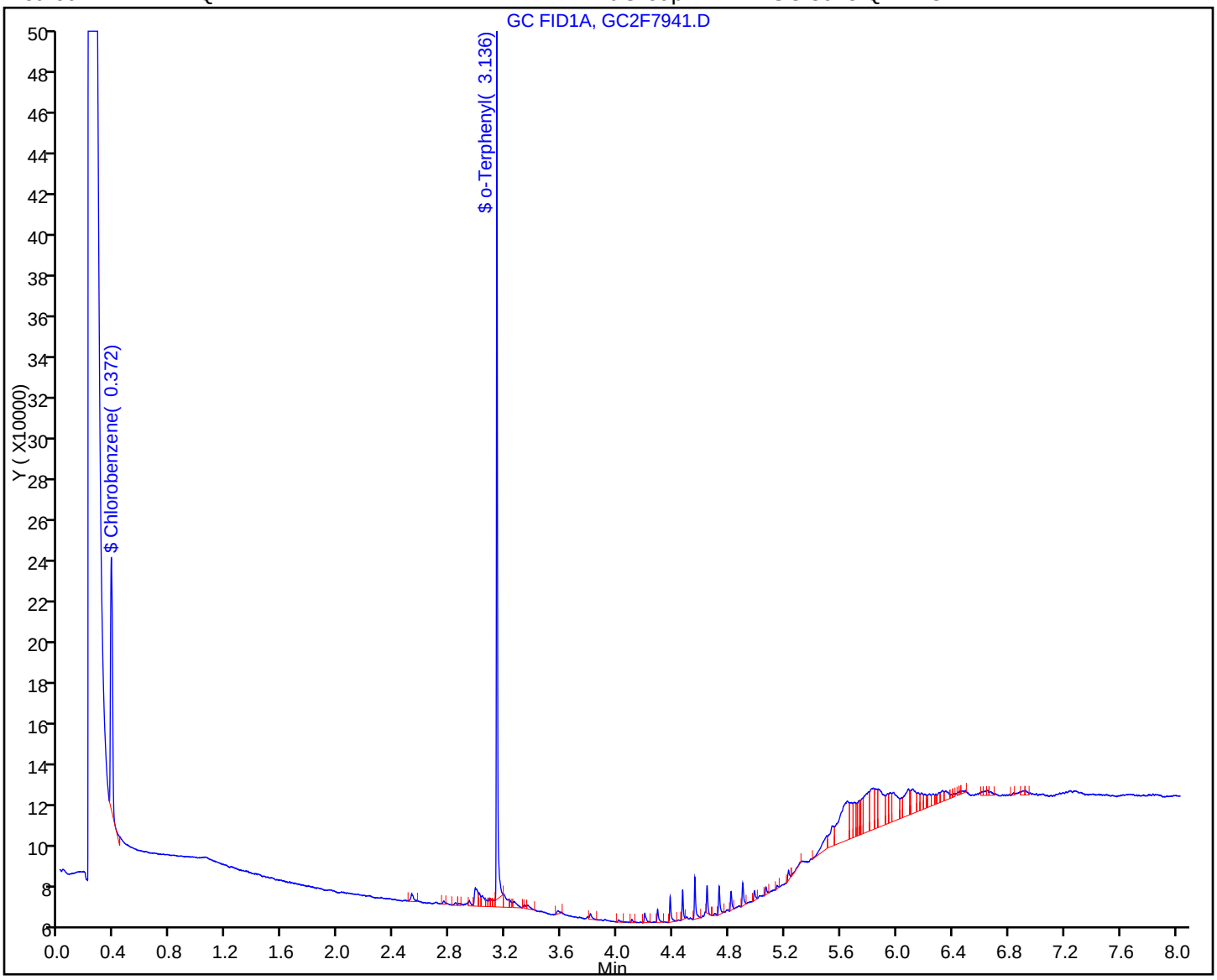
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:38 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7941.D

Injection Date:	10-Nov-2015 12:30:19	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/24

Matrix: Solid | Lab File ID: GC2F7952.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 14:42

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.: 334329 | 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	89		23-104
108-90-7	Chlorobenzene	94		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7952.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 14:42:39 ALS Bottle#: 4 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-024
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 08:22:40 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:51:25

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.372	0.368	0.004	104106	6.20	5.85	
$	4 o-Terphenyl						
	3.136	3.136	0.000	185069	6.20	5.50	

Reagents:

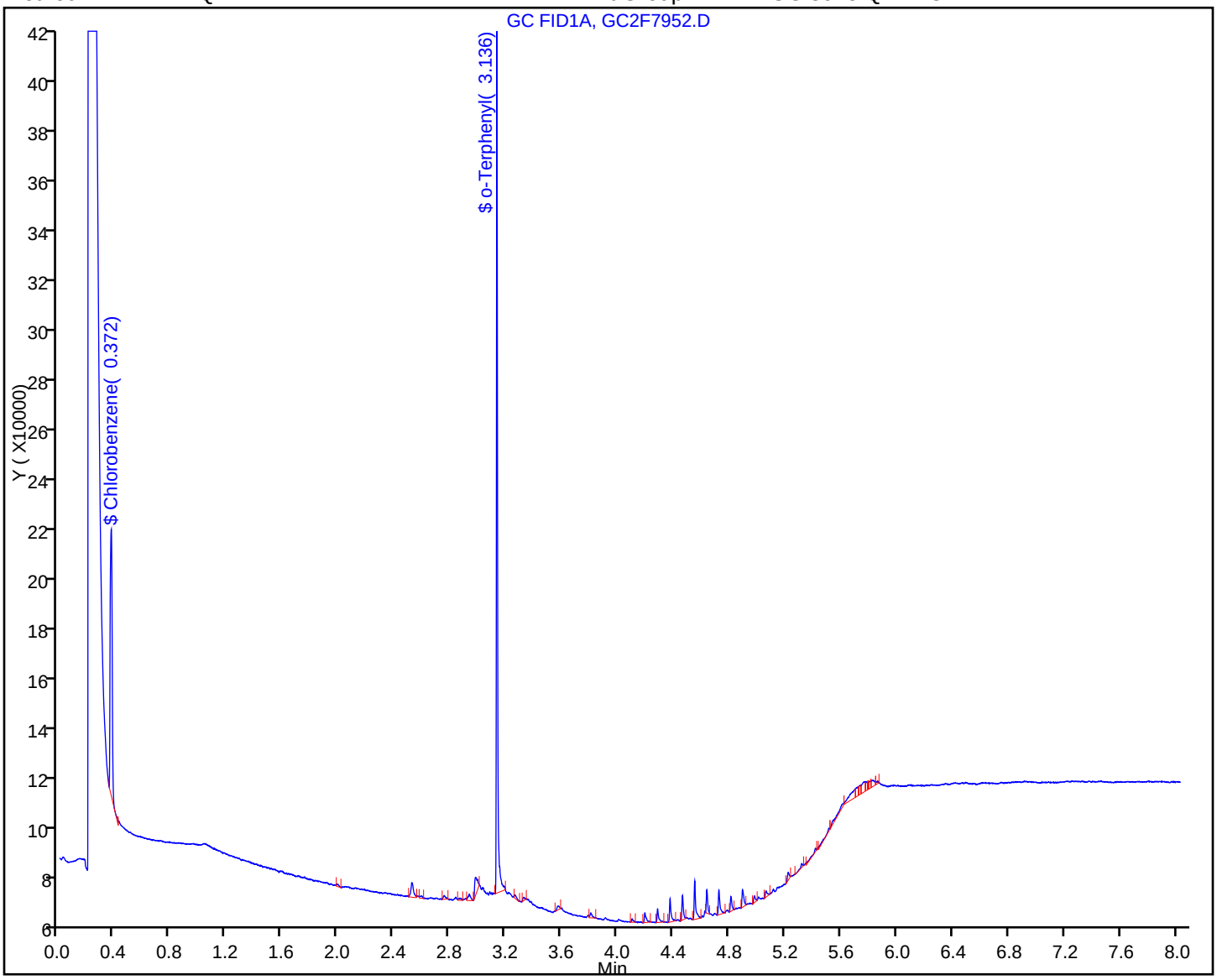
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 08:22:41 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7952.D

Injection Date:	10-Nov-2015 14:42:39	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/30

Matrix: Solid | Lab File ID: GC2F7958.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 16:20

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.: 334329 | 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	111		23-104
108-90-7	Chlorobenzene	114		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7958.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 16:20:27 ALS Bottle#: 4 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-030
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:45 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:51:55

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						M
	0.371	0.368	0.003	125666	6.20	7.06	M
$	4 o-Terphenyl						
	3.135	3.136	-0.001	232655	6.20	6.91	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

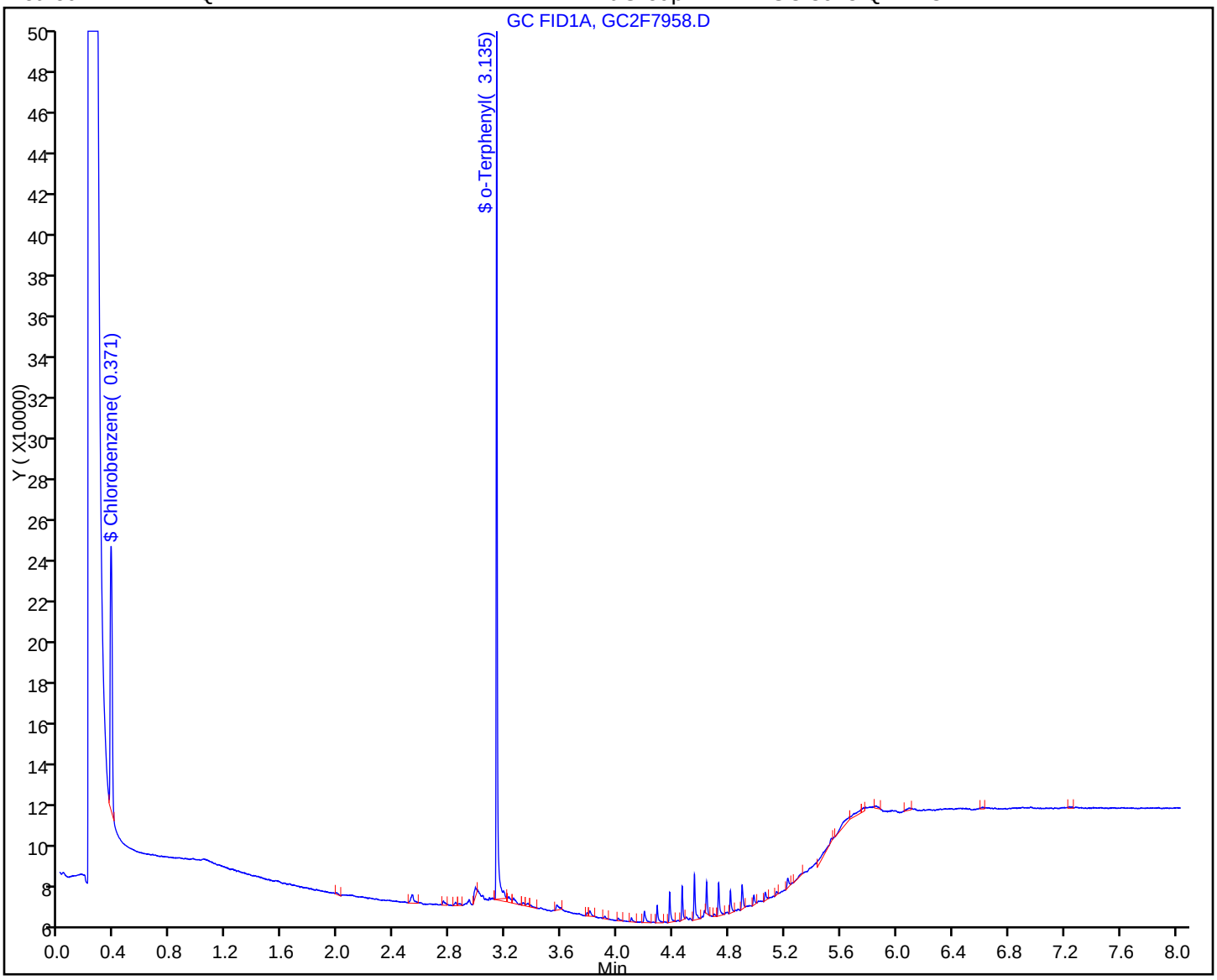
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:48 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7958.D

Injection Date:	10-Nov-2015 16:20:27	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	30
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



Manual Integration/User Assign Peak Report

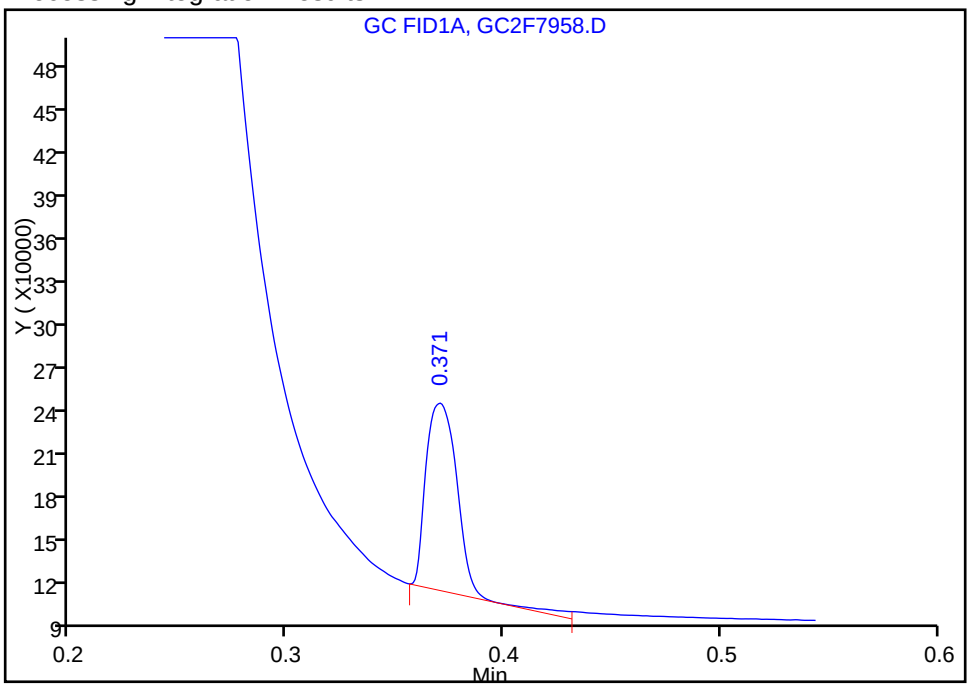
TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7958.D
Injection Date: 10-Nov-2015 16:20:27 Instrument ID: CBNAGC2
Lims ID: PIBLK
Client ID:
Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 30
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: QAM2F Limit Group: GC 8015 QAM ICAL
Column: Detector GC FID2B

$ 5 Chlorobenzene, CAS: 108-90-7

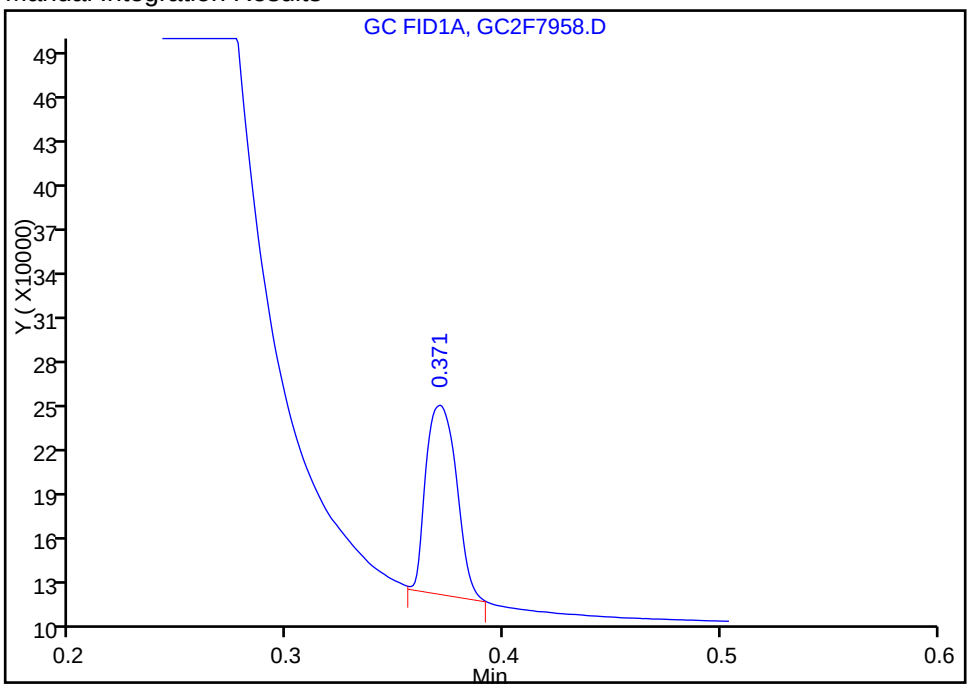
Processing Integration Results

RT: 0.37
Area: 128642
Amount: 7.230959
Amount Units: ug/ml



Manual Integration Results

RT: 0.37
Area: 125666
Amount: 7.063678
Amount Units: ug/ml



Reviewer: nimerd, 11-Nov-2015 07:51:55
Audit Action: Manually Integrated
Audit Reason: Peak Tail

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/40

Matrix: Solid | Lab File ID: GC2F7968.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 18:28

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.: 334329 | 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	90		23-104
108-90-7	Chlorobenzene	95		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7968.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 18:28:42 ALS Bottle#: 4 Worklist Smp#: 40
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-040
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:48 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:53:07

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene						
0.368	0.368	0.000	104361	6.20	5.87	
$ 4 o-Terphenyl						
3.136	3.136	0.000	187155	6.20	5.56	

Reagents:

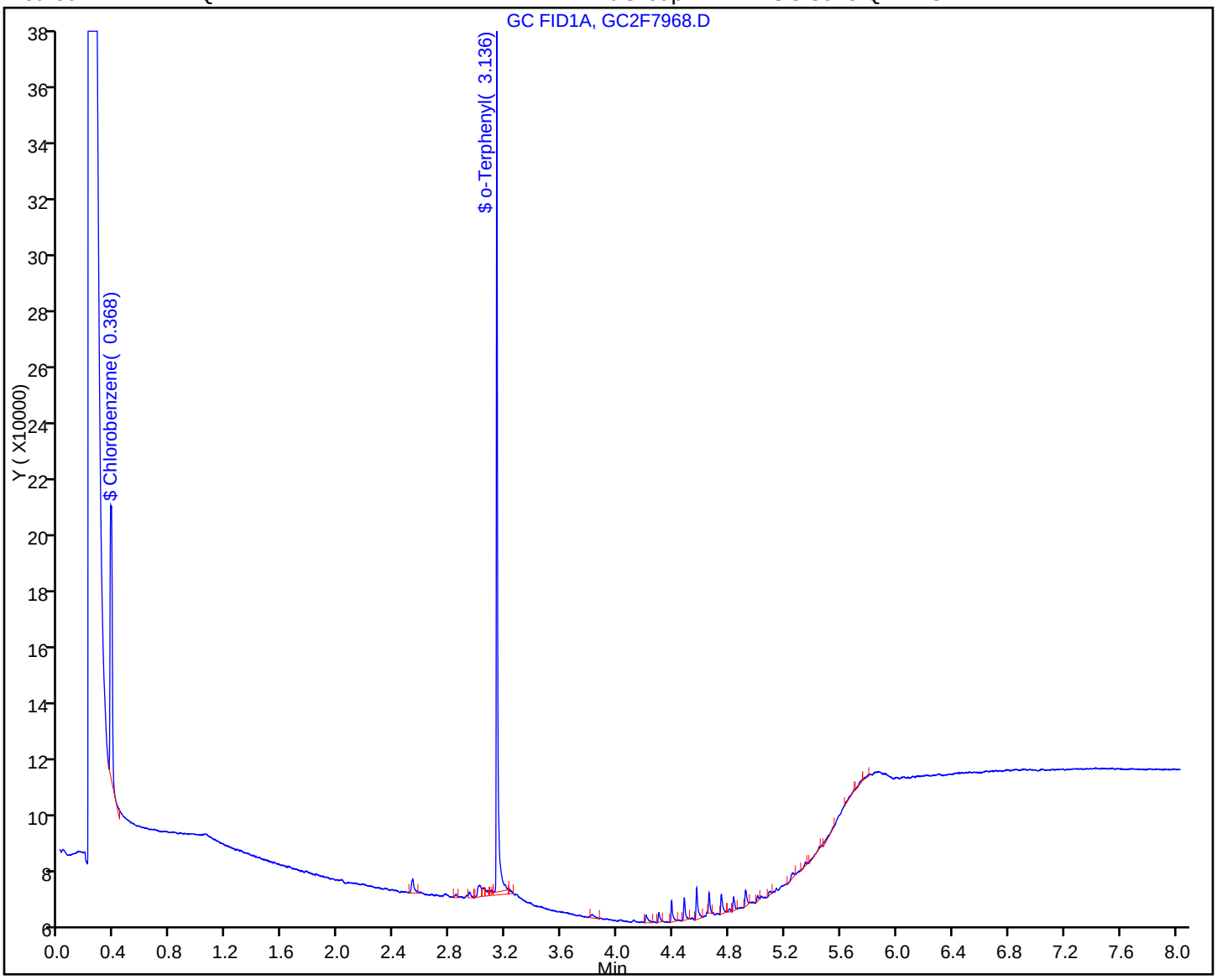
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:53 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7968.D

Injection Date:	10-Nov-2015 18:28:42	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	40
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334329/47

Matrix: Solid | Lab File ID: GC2F7975.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/10/2015 19:52

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.: 334329 | 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	102		23-104
108-90-7	Chlorobenzene	113		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7975.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 10-Nov-2015 19:52:24 ALS Bottle#: 4 Worklist Smp#: 47
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-047
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:53:47 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:53:47

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.369	0.366	0.003	124208	6.20	6.98	
$	4 o-Terphenyl						
	3.134	3.134	0.000	213920	6.20	6.35	

Reagents:

SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 07:54:27 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7975.D

Injection Date: 10-Nov-2015 19:52:24 Instrument ID: CBNAGC2

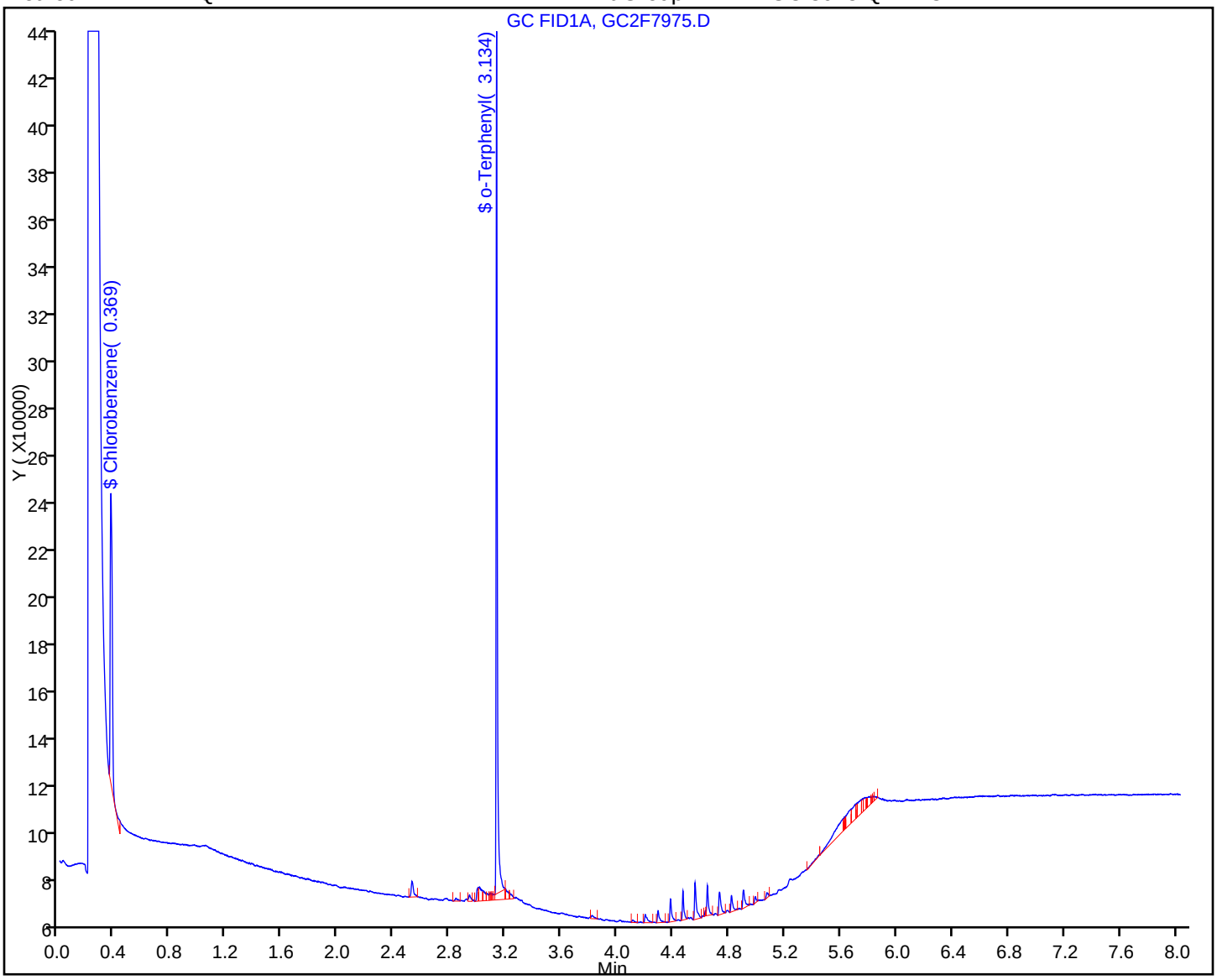
Lims ID: PIBLK

Client ID:

Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 47

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334647/2

Matrix: Water | Lab File ID: GC2F7989.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/11/2015 11:05

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.: 334647 | 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	87		23-104
108-90-7	Chlorobenzene	95		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7989.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Nov-2015 11:05:47 ALS Bottle#: 4 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-002
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:08 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 12:30:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 Chlorobenzene						
0.366	0.365	0.001	105000	6.20	5.90	
$ 4 o-Terphenyl						
3.135	3.133	0.002	182664	6.20	5.42	

Reagents:

SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 12:56:10 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7989.D

Injection Date: 11-Nov-2015 11:05:47 Instrument ID: CBNAGC2

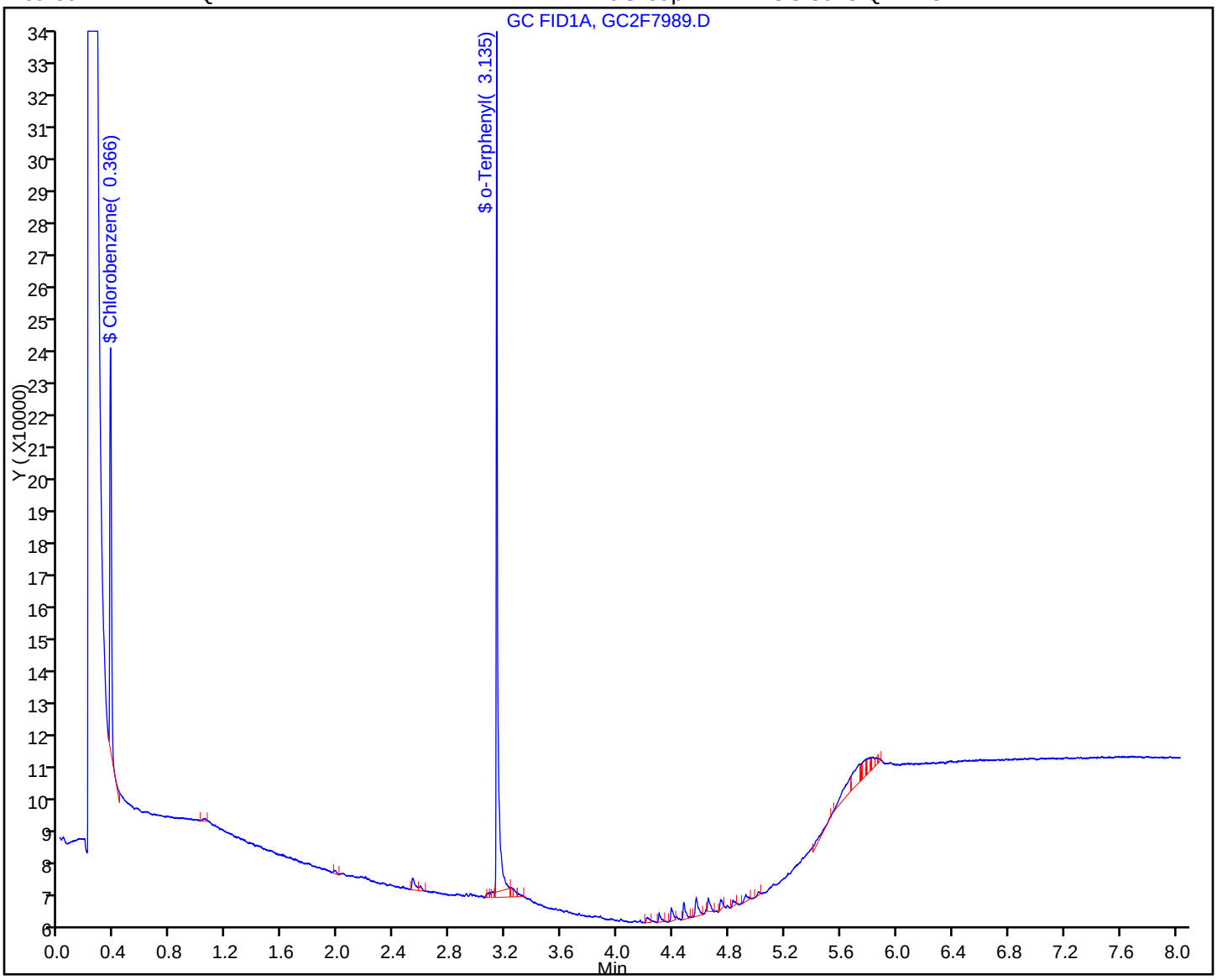
Lims ID: PIBLK

Client ID:

Operator ID: 615 ALS Bottle#: 4 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-334647/9

Matrix: Water | Lab File ID: GC2F7996.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/11/2015 12:40

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.: 334647 | 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	87		23-104
108-90-7	Chlorobenzene	95		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7996.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Nov-2015 12:40:55 ALS Bottle#: 4 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-009
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 12:53:51

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.366	0.365	0.001	104936	6.20	5.90	
$	4 o-Terphenyl						
	3.135	3.133	0.002	181852	6.20	5.40	

Reagents:

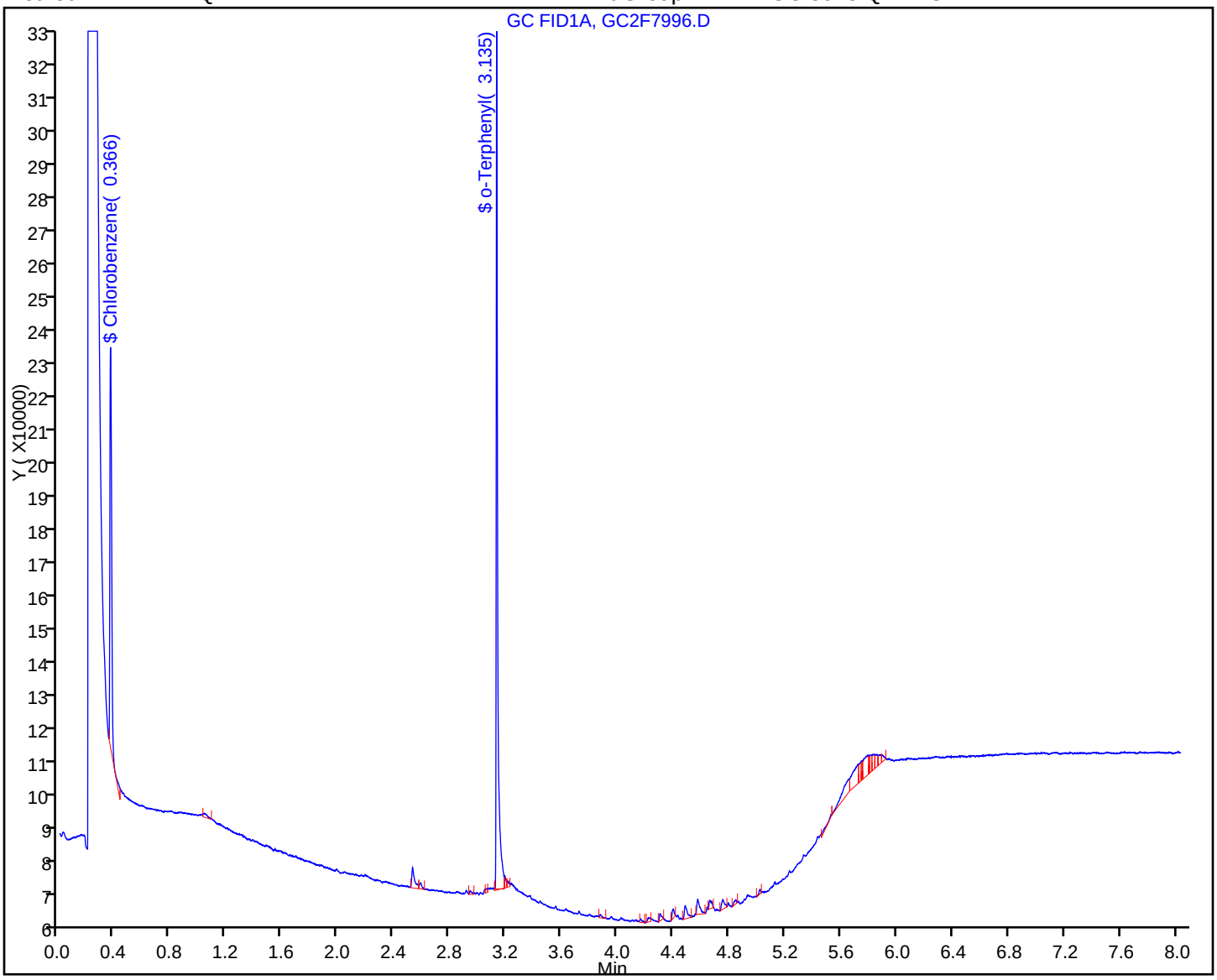
SGPIBLKQAM_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Nov-2015 12:56:15 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7996.D

Injection Date:	11-Nov-2015 12:40:55	Instrument ID:	CBNAGC2		
Lims ID:	PIBLK				
Client ID:					
Operator ID:	615	ALS Bottle#:	4	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	QAM2F	Limit Group:	GC 8015 QAM ICAL		



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334220/2-A

Matrix: Solid | Lab File ID: GC2F7933.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0000(g) | Date Analyzed: 11/10/2015 10:53

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.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	146		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	55		23-104
108-90-7	Chlorobenzene	55		22-92

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7933.D
Lims ID: LCS 460-334220/2-A
Client ID:
Sample Type: LCS
Inject. Date: 10-Nov-2015 10:53:44 ALS Bottle#: 7 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034048-005
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 07:54:29 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 07:49:10

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.369	0.368	0.001	390956	20.0	22.0	
A	3 C8-C40						
	2.843	(0.281-5.404)		50733211	2000.0	2191.6	k
$	4 o-Terphenyl						
	3.136	3.136	0.000	746263	20.0	22.2	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 07:54:31 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151110-34048.b\GC2F7933.D

Injection Date: 10-Nov-2015 10:53:44 Instrument ID: CBNAGC2

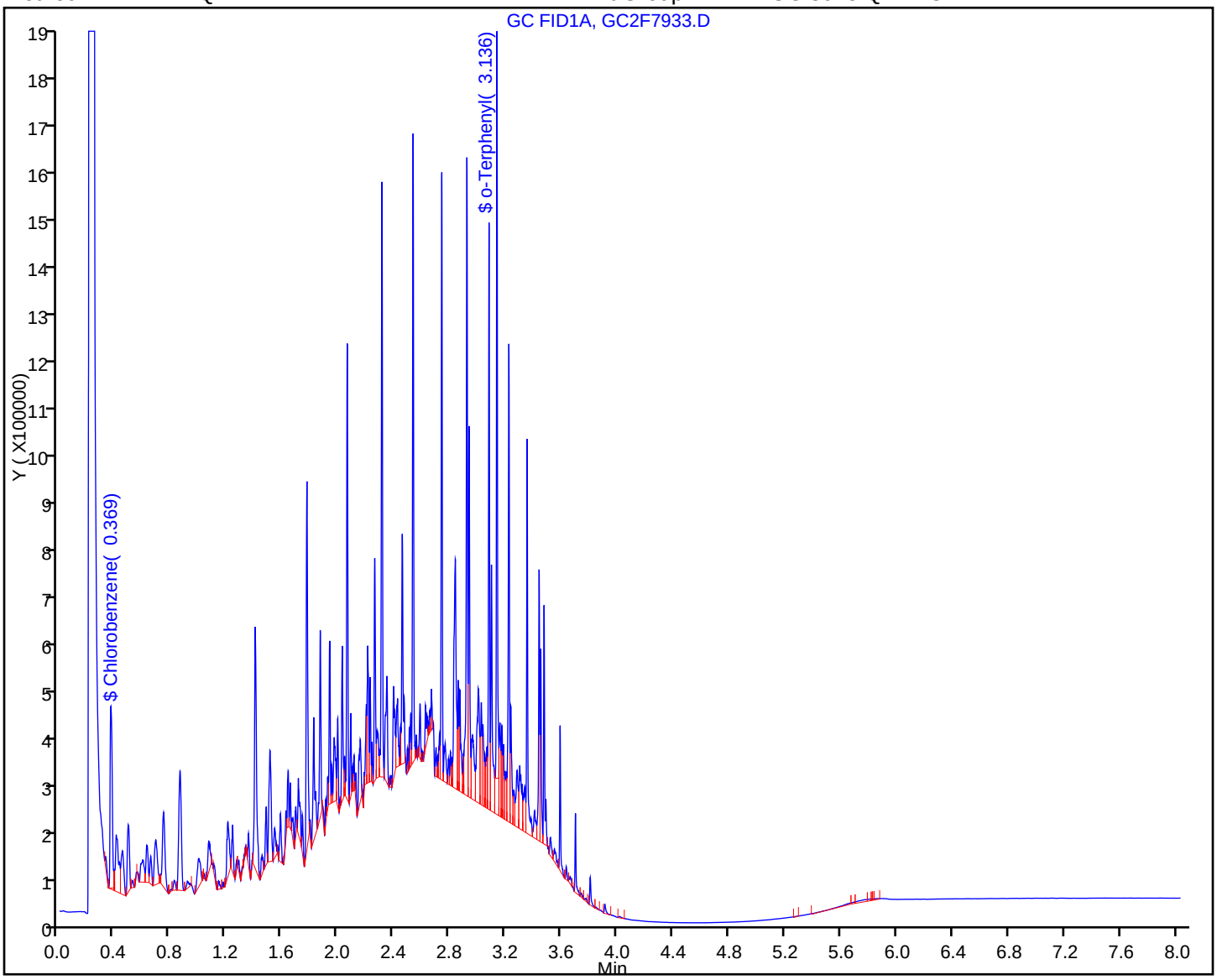
Lims ID: LCS 460-334220/2-A

Client ID:

Operator ID: 615 ALS Bottle#: 7 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-334649/2-A

Matrix: Water | Lab File ID: GC2F7993.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/11/2015 09:54

Sample wt/vol: 10000(mL) | Date Analyzed: 11/11/2015 12:01

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.: 334647 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.191		0.0082	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		28-121
108-90-7	Chlorobenzene	89		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7993.D
Lims ID: LCS 460-334649/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Nov-2015 12:01:24 ALS Bottle#: 8 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-006
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

First Level Reviewer: nimerd Date: 11-Nov-2015 11:39:27

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.367	0.365	0.002	317053	20.0	17.8	
A	3 C8-C40						
	2.840	(0.280-5.400)		44151494	2000.0	1907.2	k
$	4 o-Terphenyl						
	3.132	3.133	-0.001	665226	20.0	19.8	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 12:56:13 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7993.D

Injection Date: 11-Nov-2015 12:01:24 Instrument ID: CBNAGC2

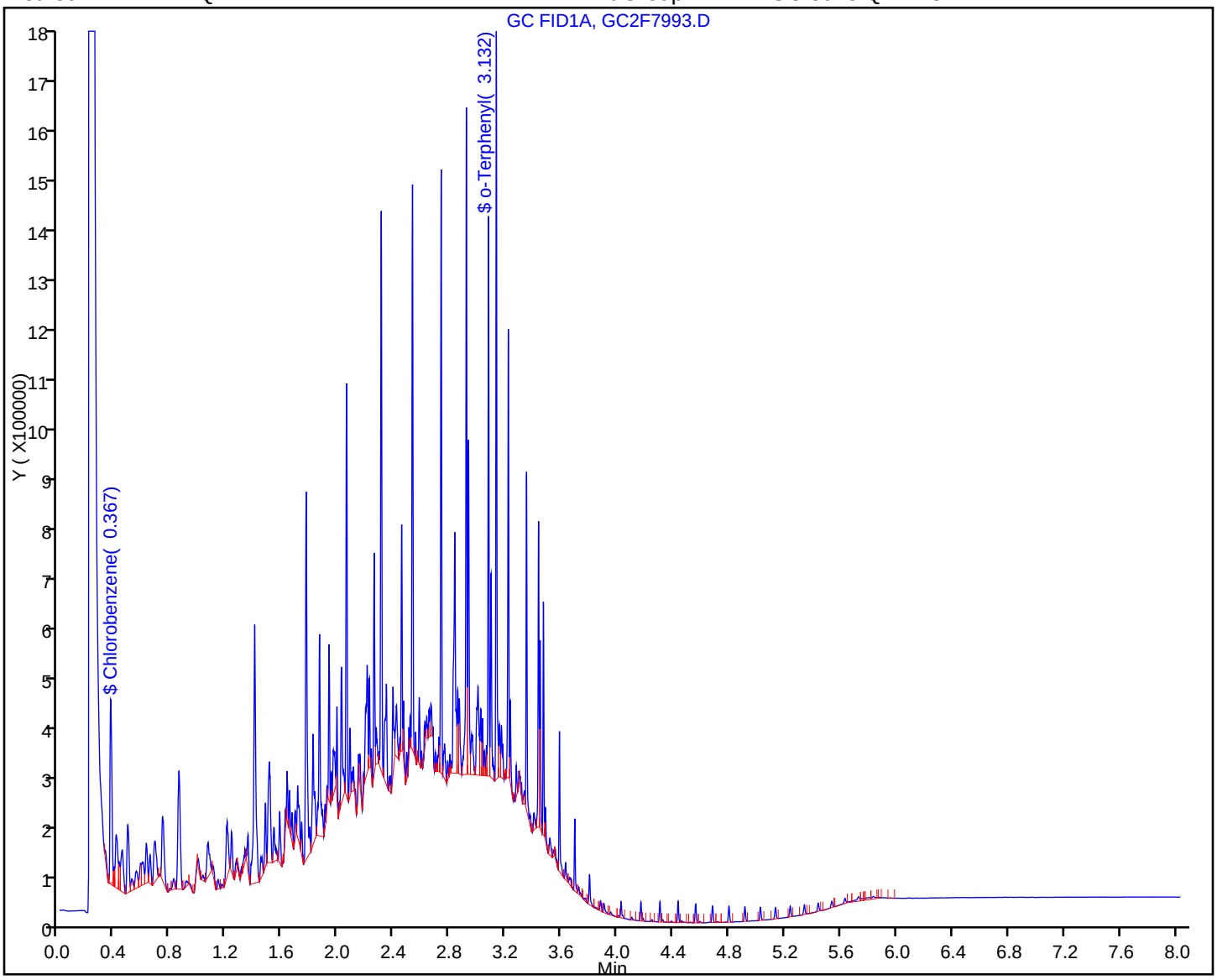
Lims ID: LCS 460-334649/2-A

Client ID:

Operator ID: 615 ALS Bottle#: 8 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-334649/3-A

Matrix: Water | Lab File ID: GC2F7994.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected:

Extraction Method: 3510C | Date Extracted: 11/11/2015 09:54

Sample wt/vol: 10000(mL) | Date Analyzed: 11/11/2015 12:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334647 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	0.148		0.0082	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		28-121
108-90-7	Chlorobenzene	73		26-98

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7994.D
Lims ID: LCSD 460-334649/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Nov-2015 12:13:17 ALS Bottle#: 9 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0034113-007
Operator ID: 615 Instrument ID: CBNAGC2

Method: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\QAM2F.m
Limit Group: GC 8015 QAM ICAL
Last Update: 11-Nov-2015 12:56:10 Calib Date: 10-Sep-2015 09:20:35
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC2\20150910-31635.b\GC2F6870.D

Column 1 : Det: GC FID2B
Process Host: XAWRK019

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$	5 Chlorobenzene						
	0.366	0.365	0.001	259162	20.0	14.6	
A	3 C8-C40						
	2.840	(0.280-5.400)		34188146	2000.0	1476.8	k
$	4 o-Terphenyl						
	3.132	3.133	-0.001	510708	20.0	15.2	

QC Flag Legend

Processing Flags
k - Response Background Subtracted

Report Date: 11-Nov-2015 12:56:14 Chrom Revision: 2.2 08-Oct-2015 07:17:48

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC2\20151111-34113.b\GC2F7994.D

Injection Date: 11-Nov-2015 12:13:17 Instrument ID: CBNAGC2

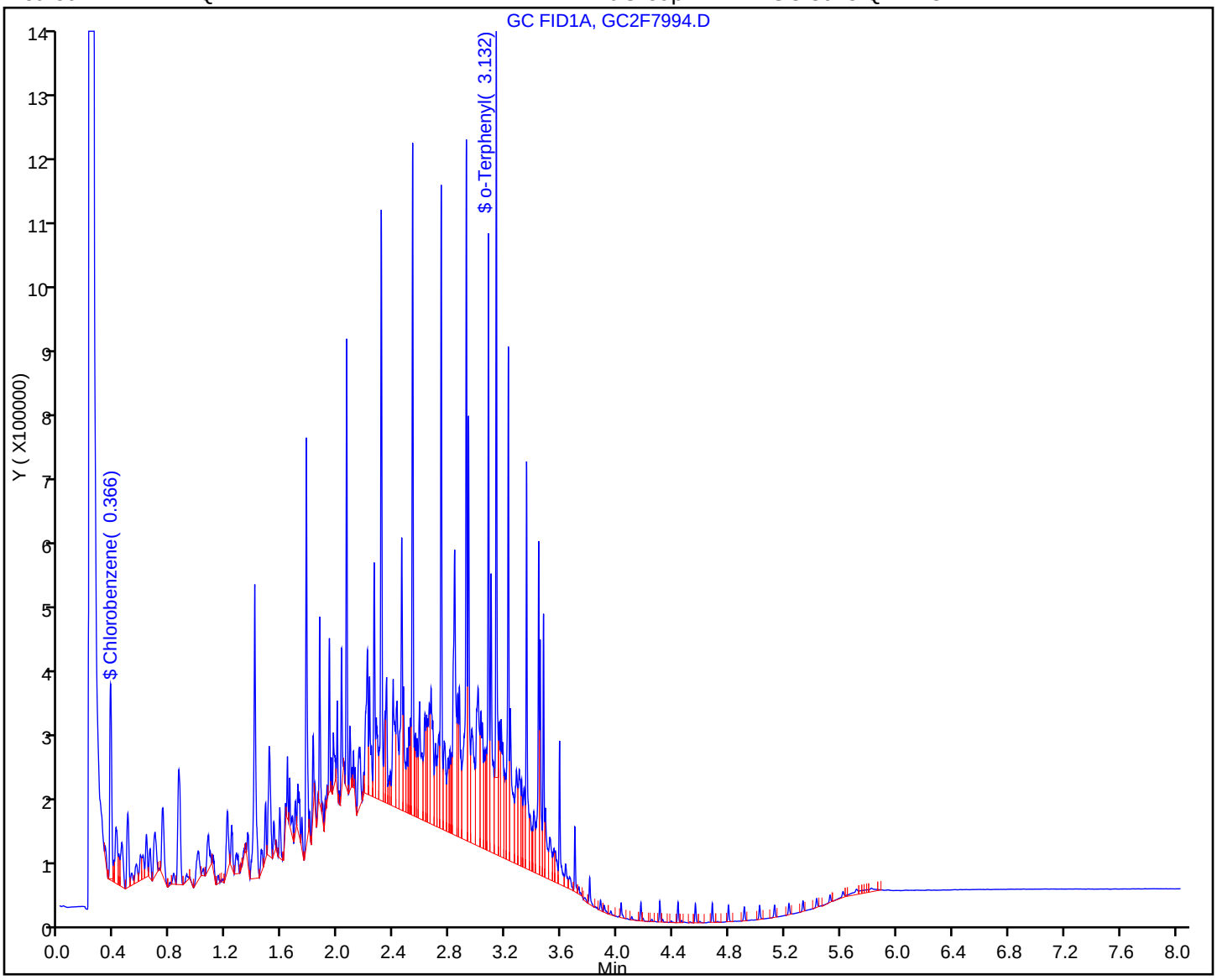
Lims ID: LCSD 460-334649/3-A

Client ID:

Operator ID: 615 ALS Bottle#: 9 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: QAM2F Limit Group: GC 8015 QAM ICAL



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 MS DL | Lab Sample ID: 460-104096-11 MS DL

Matrix: Solid | Lab File ID: GC2F7960.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:54

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0210(g) | Date Analyzed: 11/10/2015 16:53

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1430		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	1236	X	23-104
108-90-7	Chlorobenzene	60		22-92

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-104096-1

SDG No.:

Client Sample ID: PMP-24-NW2-12.75 MSD DL | Lab Sample ID: 460-104096-11 MSD DL

Matrix: Solid | Lab File ID: GC2F7961.D

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 11/05/2015 12:54

Extraction Method: 3546 | Date Extracted: 11/09/2015 22:00

Sample wt/vol: 15.0208(g) | Date Analyzed: 11/10/2015 17:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 334329 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1940		130	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	1642	X	23-104
108-90-7	Chlorobenzene	72		22-92

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 09/10/2015 07:41

Analysis Batch Number: 321645 End Date: 09/10/2015 09:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/10/2015 07:41	1		Rtx-5MS 0.25(mm)
PIBLK 460-321645/2		09/10/2015 07:53	1		Rtx-5MS 0.25(mm)
STD1 460-321645/3 IC		09/10/2015 08:32	1	GC2F6866.D	Rtx-5MS 0.25(mm)
STD2 460-321645/4 IC		09/10/2015 08:44	1	GC2F6867.D	Rtx-5MS 0.25(mm)
STD3 460-321645/5 IC		09/10/2015 08:56	1	GC2F6868.D	Rtx-5MS 0.25(mm)
STD4 460-321645/6 IC		09/10/2015 09:08	1	GC2F6869.D	Rtx-5MS 0.25(mm)
STD5 460-321645/7 IC		09/10/2015 09:20	1	GC2F6870.D	Rtx-5MS 0.25(mm)
ICV 460-321645/8		09/10/2015 09:35	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 11/10/2015 09:43

Analysis Batch Number: 334329 End Date: 11/10/2015 20:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2015 09:43	1		Rtx-5MS 0.25(mm)
PIBLK 460-334329/2		11/10/2015 09:55	1	GC2F7930.D	Rtx-5MS 0.25(mm)
CCV 460-334329/3		11/10/2015 10:07	1	GC2F7931.D	Rtx-5MS 0.25(mm)
MB 460-334220/1-A		11/10/2015 10:41	1	GC2F7932.D	Rtx-5MS 0.25(mm)
LCS 460-334220/2-A		11/10/2015 10:53	1	GC2F7933.D	Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 11:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 11:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 11:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 11:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 11:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 12:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 12:18	1		Rtx-5MS 0.25(mm)
PIBLK 460-334329/13		11/10/2015 12:30	1	GC2F7941.D	Rtx-5MS 0.25(mm)
CCV 460-334329/14		11/10/2015 12:42	1	GC2F7942.D	Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 12:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 13:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 13:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 13:31	1		Rtx-5MS 0.25(mm)
460-104096-24	PMP-7-NW2-12.75	11/10/2015 13:43	1	GC2F7947.D	Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 13:54	1		Rtx-5MS 0.25(mm)
460-104096-29	PRA-25 E-1.75	11/10/2015 14:06	1	GC2F7949.D	Rtx-5MS 0.25(mm)
460-104096-30	PRA-25 E-3.75	11/10/2015 14:18	1	GC2F7950.D	Rtx-5MS 0.25(mm)
460-104096-31	PRA-25 EE-1.75	11/10/2015 14:30	1	GC2F7951.D	Rtx-5MS 0.25(mm)
PIBLK 460-334329/24		11/10/2015 14:42	1	GC2F7952.D	Rtx-5MS 0.25(mm)
CCV 460-334329/25		11/10/2015 14:54	1	GC2F7953.D	Rtx-5MS 0.25(mm)
460-104096-32	PRA-25 EE-3.75	11/10/2015 15:33	1	GC2F7954.D	Rtx-5MS 0.25(mm)
460-104096-33	PRA-6 SE-1.75	11/10/2015 15:44	1	GC2F7955.D	Rtx-5MS 0.25(mm)
460-104096-34	PRA-5 SE-3.75	11/10/2015 15:56	1	GC2F7956.D	Rtx-5MS 0.25(mm)
ZZZZZ		11/10/2015 16:08	1		Rtx-5MS 0.25(mm)
PIBLK 460-334329/30		11/10/2015 16:20	1	GC2F7958.D	Rtx-5MS 0.25(mm)
CCV 460-334329/31		11/10/2015 16:32	1	GC2F7959.D	Rtx-5MS 0.25(mm)
460-104096-11 MS DL	PMP-24-NW2-12.75 MS DL	11/10/2015 16:53	20	GC2F7960.D	Rtx-5MS 0.25(mm)
460-104096-11 MSD DL	PMP-24-NW2-12.75 MSD DL	11/10/2015 17:05	20	GC2F7961.D	Rtx-5MS 0.25(mm)
460-104096-9 DL	PMP-24-NW2-WT DL	11/10/2015 17:17	25	GC2F7962.D	Rtx-5MS 0.25(mm)
460-104096-10 DL	PMP-24-NW2-S DL	11/10/2015 17:28	20	GC2F7963.D	Rtx-5MS 0.25(mm)
460-104096-11 DL	PMP-24-NW2-12.75 DL	11/10/2015 17:40	20	GC2F7964.D	Rtx-5MS 0.25(mm)
460-104096-14 DL	PMP-5-NW2-S DL	11/10/2015 17:52	5	GC2F7965.D	Rtx-5MS 0.25(mm)
460-104096-15 DL	PMP-5-NW2-12.75 DL	11/10/2015 18:04	5	GC2F7966.D	Rtx-5MS 0.25(mm)
460-104096-20 DL	PMP-7-NW2-DV DL	11/10/2015 18:16	10	GC2F7967.D	Rtx-5MS 0.25(mm)
PIBLK 460-334329/40		11/10/2015 18:28	1	GC2F7968.D	Rtx-5MS 0.25(mm)
CCV 460-334329/41		11/10/2015 18:40	1	GC2F7969.D	Rtx-5MS 0.25(mm)
460-104096-21 DL	PMP-7-NW2-5.25 DL	11/10/2015 18:52	10	GC2F7970.D	Rtx-5MS 0.25(mm)
460-104096-22 DL	PMP-7-NW2-WT DL	11/10/2015 19:04	20	GC2F7971.D	Rtx-5MS 0.25(mm)
460-104096-23 DL	PMP-7-NW2-S DL	11/10/2015 19:16	20	GC2F7972.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 11/10/2015 09:43

Analysis Batch Number: 334329 End Date: 11/10/2015 20:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-104096-35 DL	PRA-2 NW-3.75 DL	11/10/2015 19:40	10	GC2F7974.D	Rtx-5MS 0.25(mm)
PIBLK 460-334329/47		11/10/2015 19:52	1	GC2F7975.D	Rtx-5MS 0.25(mm)
CCV 460-334329/48		11/10/2015 20:04	1	GC2F7976.D	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: CBNAGC2 Start Date: 11/11/2015 10:53

Analysis Batch Number: 334647 End Date: 11/11/2015 12:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/11/2015 10:53	1		Rtx-5MS 0.25(mm)
PIBLK 460-334647/2		11/11/2015 11:05	1	GC2F7989.D	Rtx-5MS 0.25(mm)
CCV 460-334647/3		11/11/2015 11:17	1	GC2F7990.D	Rtx-5MS 0.25(mm)
460-104096-26 DL	PMP-9-NW2-WT DL	11/11/2015 11:34	10	GC2F7991.D	Rtx-5MS 0.25(mm)
MB 460-334649/1-A		11/11/2015 11:49	1	GC2F7992.D	Rtx-5MS 0.25(mm)
LCS 460-334649/2-A		11/11/2015 12:01	1	GC2F7993.D	Rtx-5MS 0.25(mm)
LCSD 460-334649/3-A		11/11/2015 12:13	1	GC2F7994.D	Rtx-5MS 0.25(mm)
460-104096-37	FB_20151105	11/11/2015 12:28	1	GC2F7995.D	Rtx-5MS 0.25(mm)
PIBLK 460-334647/9		11/11/2015 12:40	1	GC2F7996.D	Rtx-5MS 0.25(mm)
CCV 460-334647/10		11/11/2015 12:52	1	GC2F7997.D	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 334220 Batch Start Date: 11/09/15 22:00 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMMS/SD 00028	OPQAMSU 00031	
MB 460-334220/1		3546, NJ-OQA-QAM-025		15.0000 g	1 mL			1 mL	
LCS 460-334220/2		3546, NJ-OQA-QAM-025		15.0000 g	1 mL	1 mL		2 mL	
460-104096-F-11 MS	PMP-24-NW2-12.75	3546, NJ-OQA-QAM-025	T	15.0210 g	1 mL		1 mL	1 mL	
460-104096-F-11 MSD	PMP-24-NW2-12.75	3546, NJ-OQA-QAM-025	T	15.0208 g	1 mL		1 mL	1 mL	
460-104096-F-9	PMP-24-NW2-WT	3546, NJ-OQA-QAM-025	T	15.0212 g	1 mL			1 mL	
460-104096-E-10	PMP-24-NW2-S	3546, NJ-OQA-QAM-025	T	15.0124 g	1 mL			1 mL	
460-104096-F-11	PMP-24-NW2-12.75	3546, NJ-OQA-QAM-025	T	15.0212 g	1 mL			1 mL	
460-104096-E-14	PMP-5-NW2-S	3546, NJ-OQA-QAM-025	T	15.0301 g	1 mL			1 mL	
460-104096-E-15	PMP-5-NW2-12.75	3546, NJ-OQA-QAM-025	T	15.0211 g	1 mL			1 mL	
460-104096-F-20	PMP-7-NW2-DV	3546, NJ-OQA-QAM-025	T	15.0126 g	1 mL			1 mL	
460-104096-E-21	PMP-7-NW2-5.25	3546, NJ-OQA-QAM-025	T	15.0219 g	1 mL			1 mL	
460-104096-E-22	PMP-7-NW2-WT	3546, NJ-OQA-QAM-025	T	15.0122 g	1 mL			1 mL	
460-104096-F-23	PMP-7-NW2-S	3546, NJ-OQA-QAM-025	T	15.0126 g	1 mL			1 mL	
460-104096-F-24	PMP-7-NW2-12.75	3546, NJ-OQA-QAM-025	T	15.0302 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.: 460-104096-1

SDG No.:

Batch Number: 334220 Batch Start Date: 11/09/15 22:00 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMMS/SD 00028	OPQAMSU 00031	
460-104096-E-26	PMP-9-NW2-WT	3546, NJ-OQA-QAM-025	T	15.0217 g	1 mL			1 mL	
460-104096-F-29	PRA-25 E-1.75	3546, NJ-OQA-QAM-025	T	15.01262 g	1 mL			1 mL	
460-104096-F-30	PRA-25 E-3.75	3546, NJ-OQA-QAM-025	T	15.0204 g	1 mL			1 mL	
460-104096-F-31	PRA-25 EE-1.75	3546, NJ-OQA-QAM-025	T	15.0123 g	1 mL			1 mL	
460-104096-E-32	PRA-25 EE-3.75	3546, NJ-OQA-QAM-025	T	15.0414 g	1 mL			1 mL	
460-104096-E-33	PRA-6 SE-1.75	3546, NJ-OQA-QAM-025	T	15.0320 g	1 mL			1 mL	
460-104096-G-34	PRA-5 SE-3.75	3546, NJ-OQA-QAM-025	T	15.0124 g	1 mL			1 mL	
460-104096-E-35	PRA-2 NW-3.75	3546, NJ-OQA-QAM-025	T	15.0302 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM SOIL (uncorrected n evap temp 37 Degrees C) # 222299
Person's name who did the concentration	Jose
Final Concentrator Volume	1 mL
Na2SO4 Lot Number	433101
Person's name who did the prep	Jose
Solvent Lot #	123569
Solvent Name	Mecl2
SOP Number	3546

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.: 460-104096-1

SDG No.:

Batch Number: 334220 Batch Start Date: 11/09/15 22:00 Batch Analyst: Silva, Jose

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 334649 Batch Start Date: 11/11/15 09:53 Batch Analyst: Silva, Jose

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP Diesel#2 00005	OPQAMSU 00031	
MB 460-334649/1		3510C, NJ-OQA-QAM-025		7 SU	10000 mL	1 mL		1 mL	
LCS 460-334649/2		3510C, NJ-OQA-QAM-025		7 SU	10000 mL	1 mL	1 mL	1 mL	
LCSD 460-334649/3		3510C, NJ-OQA-QAM-025		7 SU	10000 mL	1 mL	1 mL	1 mL	
460-104096-G-37	FB_20151105	3510C, NJ-OQA-QAM-025	T	< 2 SU	970 mL	1 mL		1 mL	

Batch Notes	
Batch Comment	QAM WATER
Person's name who did the concentration	Jose
N-evap #	31869
N-evap temperature	35 Celsius
Na2SO4 Lot Number	433101
Prep Solvent Lot #	123569
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180 ML mL
Person's name who did the prep	Jose
Sufficient volume for MS/MSD?	no
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.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-104096-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PMP-10-NW2-WT	460-104096-1
PMP-2-NW2-WT	460-104096-2
PMP-2-NW2-S	460-104096-3
PMP-2-NW2-12.75	460-104096-4
PMP-23-NW2-V	460-104096-5
PMP-24-NW2-V	460-104096-6
PMP-24-NW2-3.75	460-104096-7
PMP-24-NW2-DV	460-104096-8
PMP-24-NW2-WT	460-104096-9
PMP-24-NW2-S	460-104096-10
PMP-24-NW2-12.75	460-104096-11
PMP-4-NW2-V	460-104096-12
PMP-5-NW2-WT	460-104096-13
PMP-5-NW2-S	460-104096-14
PMP-5-NW2-12.75	460-104096-15
PMP-6-NW2-WT	460-104096-16
PMP-6-NW2-S	460-104096-17
PMP-6-NW2-12.75	460-104096-18
PMP-7-NW2-0.75	460-104096-19
PMP-7-NW2-DV	460-104096-20
PMP-7-NW2-5.25	460-104096-21
PMP-7-NW2-WT	460-104096-22
PMP-7-NW2-S	460-104096-23
PMP-7-NW2-12.75	460-104096-24
PMP-8-NW2-V	460-104096-25
PMP-9-NW2-WT	460-104096-26
PMP-9-NW2-S	460-104096-27
PMP-9-NW2-12.75	460-104096-28
PRA-25 E-1.75	460-104096-29
PRA-25 E-3.75	460-104096-30
PRA-25 EE-1.75	460-104096-31
PRA-25 EE-3.75	460-104096-32
PRA-6 SE-1.75	460-104096-33
PRA-5 SE-3.75	460-104096-34
PRA-2 NW-3.75	460-104096-35
DUP_2015_11_05	460-104096-36

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-104096-1

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: 460-104096-1

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	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-104096-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 11/10/2015 21:07   End Date: 11/10/2015 21:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			21:07																				
460-104096-1	1	T	21:07	X	X																		
460-104096-2	1	T	21:07	X	X																		
460-104096-3	1	T	21:07	X	X																		
460-104096-4	1	T	21:07	X	X																		
460-104096-5	1	T	21:07	X	X																		
460-104096-6	1	T	21:07	X	X																		
460-104096-7	1	T	21:07	X	X																		
460-104096-8	1	T	21:07	X	X																		
460-104096-9	1	T	21:07	X	X																		
460-104096-12	1	T	21:07	X	X																		
460-104096-13	1	T	21:07	X	X																		
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
ZZZZZZ			21:07																				
460-104050-D-2 DU	1	T	21:07	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-104096-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 11/10/2015 21:53   End Date: 11/10/2015 21:53

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
460-104096-36	1	T	21:53	X	X
460-104096-35	1	T	21:53	X	X
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
ZZZZZZ			21:53		
460-103992-B-1 DU	1	T	21:53	X	X

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/10/2015 22:16 End Date: 11/10/2015 22:19

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			22:16																					
460-104096-33	1	T	22:16	X	X																			
460-104096-32	1	T	22:16	X	X																			
460-104096-34	1	T	22:16	X	X																			
460-104096-31	1	T	22:16	X	X																			
460-104096-30	1	T	22:16	X	X																			
460-104096-29	1	T	22:16	X	X																			
460-104096-28	1	T	22:16	X	X																			
460-104096-27	1	T	22:16	X	X																			
460-104096-26	1	T	22:16	X	X																			
460-104096-25	1	T	22:16	X	X																			
460-104096-24	1	T	22:16	X	X																			
460-104096-10	1	T	22:16	X	X																			
460-104096-11	1	T	22:16	X	X																			
460-104096-14	1	T	22:16	X	X																			
460-104096-15	1	T	22:16	X	X																			
460-104096-16	1	T	22:16	X	X																			
460-104096-17	1	T	22:16	X	X																			
460-104096-18	1	T	22:16	X	X																			
460-104096-19	1	T	22:16	X	X																			
460-104096-20	1	T	22:16	X	X																			
460-104096-21	1	T	22:16	X	X																			
460-104096-22	1	T	22:19	X	X																			
460-104096-23	1	T	22:19	X	X																			
460-104096-23 DU	1	T	22:19	X	X																			

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-104096-1

SDG No.:

Batch Number: 334512 Batch Start Date: 11/10/15 21:07 Batch Analyst: Elvie, Cloide

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-104096-A-1	PMP-10-NW2-WT	Moisture	T	155	0.98 g	6.97 g	6.70 g		
460-104096-A-2	PMP-2-NW2-WT	Moisture	T	156	0.99 g	6.43 g	6.17 g		
460-104096-A-3	PMP-2-NW2-S	Moisture	T	157	1.01 g	6.71 g	6.38 g		
460-104096-A-4	PMP-2-NW2-12.75	Moisture	T	158	1.01 g	6.17 g	5.38 g		
460-104096-A-5	PMP-23-NW2-V	Moisture	T	159	1.01 g	6.13 g	5.77 g		
460-104096-A-6	PMP-24-NW2-V	Moisture	T	160	1.00 g	6.85 g	6.34 g		
460-104096-F-7	PMP-24-NW2-3.75	Moisture	T	161	0.99 g	6.33 g	5.83 g		
460-104096-F-8	PMP-24-NW2-DV	Moisture	T	162	1.00 g	6.54 g	5.87 g		
460-104096-F-9	PMP-24-NW2-WT	Moisture	T	163	1.01 g	6.22 g	5.67 g		
460-104096-A-12	PMP-4-NW2-V	Moisture	T	164	1.02 g	6.29 g	5.93 g		
460-104096-E-13	PMP-5-NW2-WT	Moisture	T	165	1.02 g	6.44 g	6.26 g		
460-104050-D-2 DU		Moisture	T	175	1.03 g	7.47 g	6.66 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	11/10/15
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	21:40
Date samples were removed from oven	11/11/15
Oven Temp when samples removed from oven	100 Degrees C
Time Samples were removed from oven	21:40
Oven ID	#1
ID number of the thermometer	92001
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	100 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.: 460-104096-1

SDG No.:

Batch Number: 334521 Batch Start Date: 11/10/15 21:53 Batch Analyst: Elvie, Cloide

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-104096-A-36	DUP_2015_11_05	Moisture	T	203	1.01 g	6.85 g	6.53 g		
460-104096-E-35	PRA-2 NW-3.75	Moisture	T	204	1.01 g	6.39 g	6.14 g		
460-103992-B-1 DU		Moisture	T	219	1.00 g	6.58 g	5.71 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	11/10/15
Oven Temp when samples are put in oven	109 Degrees C
Time samples were place in the oven	22:20
Date samples were removed from oven	11/11/15
Oven Temp when samples removed from oven	101 Degrees C
Time Samples were removed from oven	11:15
Oven ID	#2
ID number of the thermometer	90125
Uncorrected In Temperature	109 Celsius
Uncorrected Out Temperature	101 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.: 460-104096-1

SDG No.:

Batch Number: 334525 Batch Start Date: 11/10/15 22:16 Batch Analyst: Elvie, Cloide

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-104096-E-33	PRA-6 SE-1.75	Moisture	T	221	1.01 g	6.55 g	6.31 g		
460-104096-E-32	PRA-25 EE-3.75	Moisture	T	222	1.01 g	6.41 g	6.10 g		
460-104096-G-34	PRA-5 SE-3.75	Moisture	T	223	1.02 g	6.33 g	6.04 g		
460-104096-F-31	PRA-25 EE-1.75	Moisture	T	224	1.02 g	6.35 g	6.01 g		
460-104096-G-30	PRA-25 E-3.75	Moisture	T	225	1.00 g	6.78 g	6.23 g		
460-104096-E-29	PRA-25 E-1.75	Moisture	T	226	1.02 g	6.44 g	6.04 g		
460-104096-A-28	PMP-9-NW2-12.75	Moisture	T	227	1.00 g	6.04 g	5.41 g		
460-104096-A-27	PMP-9-NW2-S	Moisture	T	228	1.01 g	6.50 g	5.78 g		
460-104096-E-26	PMP-9-NW2-WT	Moisture	T	229	1.02 g	6.76 g	6.54 g		
460-104096-A-25	PMP-8-NW2-V	Moisture	T	230	1.01 g	6.33 g	6.03 g		
460-104096-E-24	PMP-7-NW2-12.75	Moisture	T	231	0.99 g	6.50 g	5.88 g		
460-104096-F-10	PMP-24-NW2-S	Moisture	T	232	0.99 g	6.61 g	6.00 g		
460-104096-E-11	PMP-24-NW2-12.75	Moisture	T	233	1.01 g	6.45 g	5.66 g		
460-104096-F-14	PMP-5-NW2-S	Moisture	T	234	1.00 g	6.53 g	6.29 g		
460-104096-F-15	PMP-5-NW2-12.75	Moisture	T	235	1.00 g	6.31 g	5.63 g		
460-104096-A-16	PMP-6-NW2-WT	Moisture	T	236	0.99 g	6.38 g	6.04 g		
460-104096-A-17	PMP-6-NW2-S	Moisture	T	237	1.00 g	7.03 g	6.58 g		
460-104096-A-18	PMP-6-NW2-12.75	Moisture	T	238	1.01 g	6.72 g	5.85 g		
460-104096-A-19	PMP-7-NW2-0.75	Moisture	T	239	1.01 g	6.33 g	5.95 g		
460-104096-F-20	PMP-7-NW2-DV	Moisture	T	240	1.03 g	6.54 g	6.29 g		
460-104096-E-21	PMP-7-NW2-5.25	Moisture	T	241	1.01 g	6.64 g	6.18 g		
460-104096-F-22	PMP-7-NW2-WT	Moisture	T	242	1.01 g	6.97 g	6.41 g		
460-104096-E-23	PMP-7-NW2-S	Moisture	T	243	1.00 g	6.42 g	6.22 g		
460-104096-E-23 DU	PMP-7-NW2-S	Moisture	T	244	1.03 g	6.31 g	6.13 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.: 460-104096-1

SDG No.:

Batch Number: 334525 Batch Start Date: 11/10/15 22:16 Batch Analyst: Elvie, Cloide

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	11/10/15
Oven Temp when samples are put in oven	108 Degrees C
Time samples were place in the oven	22:35
Date samples were removed from oven	11/11/15
Oven Temp when samples removed from oven	101 Degrees C
Time Samples were removed from oven	11:15
Oven ID	#2
ID number of the thermometer	92125
Uncorrected In Temperature	108 Celsius
Uncorrected Out Temperature	101 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.

Shipping and Receiving Documents

461-SJSC

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTO

460-104096 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Page 1 of 4

Name (for report and invoice): Tim Fisher	Samplers Name (Printed): J. Levine, A. Musetto, D. O'Donnell	Site/Project Identification: McCandless
Company: Antea Group	P. O. #: 8EP081298P	State (Location of site): NJ: [X] NY: [ ] Other:
		Regulatory Program: SRP DKQP: [ ]
Address: 500 Summit Lake Drive	Analysis Turnaround Time: Standard [X]; Rush Charges Authorized For: 2 Week [ ] 1 Week [ ] Other [ ]	LAB USE ONLY Project No:
City: Valhalla State: NY		Job No: 104096
Phone: 914 - 495 - 9948 Fax:		

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC + 10 8260C	TCL BNA + 20 8270D (MOD)	PCBs 8082A	TPH - QAM 025								Sample Numbers
PMP-10-NW2-WT	11/5/15	1335	Soil	1			X									-1
PMP-2-NW2-WT	↓	1504	↓	1			X									-2
PMP-2-NW2-S		1506		1			X									-3
PMP-2-NW2-12.75		1508		1			X									-4
PMP-23-NW2-V		0848		1			X									-5
PMP-24-NW2-V		1246		1			X									-6
PMP-24-NW2-3.75		1248		6	X	X	X									-7
PMP-24-NW2-DV		1250		6	X	X	X									-8
PMP-24-NW2-WT		1240		6	X		X	X								-9
PMP-24-NW2-S	↓	1252	↓	6	X		X	X								-10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other ____, 7 = Other MeOH				Soil:	1,7	1	1	1								
				Water:												

SHORT HOLD

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) [signature]	Antea Group	11/5/15 1200	1) [signature]	TA 11/5 1700
2) [signature]	TA	11/5	2) [signature]	TA 11/5/15 1743
3) [signature]	TA	11/5/15 1845	3) [signature]	TA
4) [signature]	T.A.	11/5/15 2015	4) [signature] 2015 TA	11/5

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 (0715)

2.6 - 4.6
1.8 - 3.8
IR ET
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): Tim Fisher	Samplers Name (Printed): J. Leine, A. Musetto, D. O'Donnell	Site/Project Identification: McLandress
Company: Antea Group	P. O. #: 8EP08 1298P	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP DKQP:
Address: 500 Summit Lake Drive	Analysis Turnaround Time: Standard X	
City: Valhalla State: NY	Rush Charges Authorized For: 2 Week 1 Week Other	
Phone: 914-495-9948 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 104096

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC +10 8260C	TCL SVOA +10 8270D (MOD)	PCBs 8082A	TPH-QAM 025	Sample Numbers
PMP-24-NW2-12.75	11/5/15	1254	Soil	6	X		X	X	-11
PMP-4-NW2-V		0832		1			X		-12
PMP-5-NW2-WT		1008		5	X		X		-13
PMP-5-NW2-S		1010		6	X		X	X	-14
PMP-5-NW2-12.75		1012		6	X		X	X	-15
PMP-6-NW2-WT		0940		1			X		-16
PMP-6-NW2-S		0942		1			X		-17
PMP-6-NW2-12.75		0957		1			X		-18
PMP-7-NW2-0.75		1055		1			X		-19
PMP-7-NW2-DV		1132		6	X		X	X	-20
				Soil:	1,7	1	1	1	
				Water:					

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other MeOH

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by	Antea Group	11/5/15 1700	Received by 1)	TA 11/5 1700
Relinquished by 2)	TA	11/5	Received by 2)	TA 11/5/15 1743
Relinquished by 3)	TA	11/5/15 1845	Received by 3)	TA
Relinquished by 4)	TA	11/5/15 2015	Received by 4)	11/5

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

461-SJSC

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) Tim Fisler	Samplers Name (Printed) J. Levine, A. Musetto, D. O'Donnell	Site/Project Identification McCandless
Company Antea Group	P. O. # 8EP08129 8P	State (Location of site): NJ: X NY: Other:
		Regulatory Program: SRP DKQP:
Address 500 Summit Lake Drive	Analysis Turnaround Time: Standard X; Rush Charges Authorized For: 2 Week, 1 Week, Other	LAB USE ONLY Project No:
City Valhalla State NY		Job No: 104096
Phone 914-495-9948 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC+10 8260C	TCL BNA+20 8270D (MOD)	PCBs 8082A	TPH-QAM.025	Sample Numbers
PMP-7-NW2-5.25	11/5/15	1134	Soil	6	X		X	X	-21
PMP-7-NW2-WT		1121		6	X		X	X	-22
PMP-7-NW2-5		1137		6	X		X	X	-23
PMP-7-NW2-12.75		1141		6	X		X	X	-24
PMP-8-NW2-V		0912		1			X		-25
PMP-9-NW2-WT		1206		6	X		X	X	-26
PMP-9-NW2-5		1201		1			X		-27
PMP-9-NW2-12.75		1203		1			X		-28
PRA-25 E-1.75		1545		7	X	X	X	X	-29
PRA-25 E-3.75		1550		7	X	X	X	X	-30
				Soil:	1,7	1	1	1	
				Water:					

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other MeOH

Special Instructions _____ Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		Antea Group	11/5/15 1720		TA 11/5 1720
2)		TA	11/5		TA 11/5/15 1743
3)		TA	11/5/15 1845		TA
4)		TA	11/5/15 2015		TA 2015

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 (0715)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

11/13/2015

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Tim Fisher	Samplers Name (Printed) J. Levine, A. Musetto, D. O'Donnell	Site/Project Identification McCandless
Company Antea Group	P. O. # 8EP081298P	State (Location of site): NJ: X NY: Other:
Address 500 Summit Lake Drive	Analysis Turnaround Time: Standard X	Regulatory Program: SRP DKQP:
City Valhalla State NY	Rush Charges Authorized For: 2 Week 1 Week Other	LAB USE ONLY Project No:
Phone 914-495-9948 Fax		Job No: 104096

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	TCL VOC + 10 8260 C	TCL BNA + 20 8270 D (mod)	PCBs 8082 A	TPH - GRO 025	Sample Numbers
PRA-25 EE-1.75	11/5/15	1535	Soil	7	X	X	X	X	-31
PRA-25 EE-3.75		1533		7	X	X	X	X	-32
PRA-6 SE-1.75		0926		7	X	X	X	X	-33
PRA-5 SE-3.75		1028		7	X	X	X	X	-34
PRA-2 NW-3.75		1437		7	X	X	X	X	-35
DUP-2015-11-05		-		1			X		-36
FB-20151105		1630	Blank	9	X	X	X	X	-37
Trip Blank		-		3	X				-38
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH			Soil:		1,7	1	1	1	
6 = Other _____, 7 = Other MeOH			Water:						

Special Instructions Water Metals Filtered (Yes/No)? _____

	Company	Date / Time		Company
Relinquished by 1)	Antea Group	11/5/15 1700	Received by 1)	TA 11/6 1700
Relinquished by 2)	TA	11/5	Received by 2)	TA 11/5/15 1743
Relinquished by 3)	TA	11/5/15 1845	Received by 3)	TA
Relinquished by 4)	TA	11/5/15 2010	Received by 4)	11/6/15

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

461-SJSC

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 104096

Number of Coolers: 3 IR Gun # 1

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.6°C	4.6°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.8°C	3.8°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
37							<2								

If pH adjustments are required record the information below:

Sample No(s). adjusted: NA

Preservative Name/Conc.: NA Volume of Preservative used (ml): NA

Lot # of Preservative(s): NA Expiration Date: NA

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: WJM Date: 11/5/15

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-104096-1

Login Number: 104096
List Number: 1
Creator: Lysy, Susan

List Source: TestAmerica Edison

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	4.6, 3.8°C IR#5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	See NCM
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	See NCM
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.