



Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

September 2, 2020 via email: matthew.hubicki@dec.ny.gov

Matthew Hubicki
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, Section A
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Albany, NY 12233-7014

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John M. Nederfield, PE
Justin M. Protasiewicz, PE
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Michael St. Pierre, PE

**RE: Periodic Review Report Annual Update for the 2019-2020 Period
Harbor Square, Site No. C360091
1 Harbor Square (formerly Westerly Road)
Village of Ossining, Westchester County, New York 10562
SESI Project No. 7173**

Dear Mr. Hubicki:

On behalf of our Client, Harbor Square Crossings, LLC (Client), Sesi Consulting Engineers (SESI) is pleased to submit an annual update for the subject project (Site) that is also to be incorporated into the 2022 Periodic Review Report (PRR). A correspondence letter from the NYSDEC to the Owner, dated August 8, 2016, indicated a reduction in frequency for the required submittal of a PRR from an annual to a triennial basis, thus, the next PRR will be prepared and submitted to the NYSDEC by July 30, 2022.

For the 2019-2020 period, Sesi continued to annually monitor the remedial engineering controls (ECs) at the Site, which include the following: Performance of an annual site inspection of the ECs and annual groundwater sampling of the onsite monitoring well network. Sesi addresses the ceased status of the quarterly gauging and recovery events of the onsite DNAPL wells further below in this letter-report update. All tasks were completed pursuant to the updated December 2016 Site Management Plan (SMP), submitted to the NYSDEC on December 28, 2016. This letter-report update presents a summary of the annual monitoring tasks for the Site for the 2019-2020 period that is also to be submitted within the 2022 PRR.

Annual Inspection of Site Engineering Controls

SESI conducted the annual inspection of the onsite ECs on June 30 and July 8, 2020. The inspection included examination of the composite cover system, slurry wall effectiveness, sub-slab depressurization systems (SSDSs), and the groundwater monitoring well network. The 2019-2020 reporting period Inspection Checklist was completed in accordance with the NYSDEC and 2016 SMP requirements and is provided in **Attachment A**.

SESI annually inspected the integrity of the composite cover system at the Site. For the 2019-2020 reporting period, no deficiencies (slab cracks, asphalt cracks, damaged demarcation geotextile fabric) were observed within the composite cover system, which includes the three (3) buildings (residential building, restaurant building, and kiosk structure), paved areas (roadways, parking areas, and driveways), landscaped areas, and the playground area. However, SESI observed the presence of erosion occurring along the rip-rap embankment along the Hudson River directly north of the dock location. The observed erosion extended to the edge of the paved walkway. While the composite cover system remains intact and uncompromised, the presence of the observed erosion may endanger the integrity of the composite cover system in the future if no action is taken to mitigate the erosion. SESI has notified the Client of these observations, and The Client has responded that actions will be taken to mitigate the observed erosion in a timely manner. No soil importation activities or subsurface invasive work was undertaken during the 2019-2020 period. SESI has determined, following the inspection, that the composite cover system remains in-place and functioning as designed in accordance to the 2016 SMP.

SESI monitored for slurry wall effectiveness by gauging MW-6A and MW-7A for DNAPL during the annual groundwater sampling event conducted on June 30, 2020. No DNAPL was encountered in MW-6A or MW-7A during the inspections, and no product seeps were observed along the property lines abutting the Hudson River and Sing Sing Kill.

ARCADIS of New York, Inc. (ARCADIS) had ceased conducting quarterly gauging of the deep monitoring wells to the west of the slurry wall (MW-A, MW-B, MW-C1, and MW-C2) as well as quarterly DNAPL recovery efforts at MW-D during the previous reporting period, specifically in the first quarter of 2019. According to ARCADIS, their client, Con Edison, had submitted a Construction Completion Report (CCR) for the DNAPL gauging and recovery program during January 2019. The CCR reportedly concluded that no further DNAPL monitoring is required. According to conversations with ARCADIS and your office, the NYSDEC has not commented on the document to date and is still under internal discussion by the NYSDEC.

SESI conducted annual inspections of the SSDSs for the residential building, restaurant building, and kiosk structure. The SSDSs are currently being operated in passive mode of operation with no blowers installed, as designed and in accordance with the 2016 SMP. No deficiencies to the SSDSs were noted, with the exception that the SSDS label located at the sampling port in the restaurant building was missing. The Client has been made aware of the missing label and intends to replace the label in a timely manner. SESI had conducted a first-round and second-round annual SSDS vapor intrusion sampling event in the occupied buildings in late 2016 and 2017. No vapor intrusion sampling event was performed for the system in 2018 or 2019, as the SMP requirements had been fulfilled through the attainment of compliant, annual VOC testing results completed within the first two (2) years of the system operation.

SESI conducted annual inspection of the groundwater monitoring well network. All onsite monitoring wells were accessible for each of the annual compliance sampling events. No deficiencies to the monitoring well network were noted, with the exception that the screw to the manhole cover for monitoring well MW-6A was missing. The Client has been made aware of the missing screw and intends to replace the screw in a timely manner. A discussion of the annual

inspection and groundwater sampling event for this reporting period is provided in further detail below.

Annual Groundwater Sampling Event of the Monitoring Well Network

Attachment B contains a tabular summary of the annual groundwater monitoring results for the current reporting period, along with a side-by-side comparison with cumulative analytical results reported for the historical groundwater monitoring events performed since 2007. In addition, a second tabular summary containing the measured groundwater chemical parameters, recorded for each monitoring event since 2007, is included to demonstrate and quantify the monitored natural attenuation remedial approach at the Site. Well purge logs are included for supporting documentation of the annual groundwater sampling events performed during the reporting period.

Attachment C contains an email correspondence between SESI and the NYSDEC, dated May 20, 2020, approving a reduction in the number of monitoring wells to be sampled beginning this reporting period. Based on review of the annual groundwater sampling data obtained over time, no exceedances to the NYCRR *Part 703 Groundwater Effluent Limitations for Discharges to Class GA Waters* have been observed in monitoring wells MW-2, MW-6A, and MW-6B for several reporting periods, and therefore, SESI requested approval from the NYSDEC to cease sampling of these monitoring wells.

SESI conducted the annual groundwater sampling of the onsite monitoring wells on June 30, 2020. Monitoring wells MW-2A and MW-7A were sampled for Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs). The requirement of sampling for Metals analyses was eliminated during the 2015 PRR reporting period and approved by the NYSDEC on April 28, 2016 (details were provided in the 2015 PRR).

Based on a review of the results of the 2020 groundwater sampling and testing, it appears that the levels for most of the constituents has continued to trend towards the reduction in overall contaminant concentrations or remained at similar levels observed from the 2019 event. Specifically, one (1) sample contained a VOC exceedance for Benzene in MW-2A (12 ppb), which has reduced ten-fold in comparison to the 2019 event result for Benzene (120 ppb). It appears Benzene continues to trend significantly lower than the levels reported from 2007 to 2017, which all exceeded at least 1,300 ppb or greater. There was one (1) sample that contained a SVOC exceedance for Acenaphthene in MW-7A at 38 ppb, which has remained similar to the 39 ppb concentration detected from the 2019 event. MW-7A remains to be the only monitoring well onsite exhibiting an oscillating trend of Acenaphthene levels detected over time, as natural attenuation patterns were more readily observed in the other monitoring wells with historical detections for Acenaphthene. Similar to the 2019 event, the SVOC Dibenzofuran was detected in MW-7A at 7.3 ppb; however, no promulgated groundwater quality standard has been established for Dibenzofuran, but rather, the NY TAGM guidance value of 5 ppb has been utilized as a recommended cleanup value for Dibenzofuran in groundwater. As a result, the reported concentrations for any groundwater samples above 5 ppb for Dibenzofuran do not constitute regulatory "exceedances" to any promulgated standard. In conclusion, the 2020 groundwater testing results indicate that natural attenuation continues to trend toward an effective reduction of groundwater contaminant levels at the Site.

Conclusions and Recommendations

All aspects of the remedial program appear to be meeting the site remedy design goal. SESI recommends continued monitoring of the onsite ECs in accordance to the requirements outlined within the updated 2016 SMP and NYSDEC approvals. This includes annual inspection of the composite cover system, SSDSs, groundwater monitoring well network, and annual sampling of the groundwater monitoring wells. SESI also awaits the NYSDEC's response associated with submitted CCR covering the status of the DNAPL gauging and recovery activities.

SESI is due to submit a formal PRR to the NYSDEC in July 2022. The next PRR, which will include the information reported from the 2019-2020 and 2020-2021 period letter-report updates as well as the information to be obtained from the 2021-2022 period, will be prepared and submitted to the NYSDEC by July 30, 2022.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read 'M St. Pierre'.

Michael St. Pierre, PE
Principal

Enclosed:

Attachment A – 2019-2020 Inspection Checklist

Attachment B – Groundwater Analytical Results & Geochemical Parameters (2007-2020)

Attachment C – NYSDEC Email Correspondence: Reduced Sampling of Select Monitoring Wells (May 2020)

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ATTACHMENT A

PERIODIC REVIEW REPORT – INSPECTION CHECKLIST

**HARBOR SQUARE WATERFRONT
1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT # 7173**

COMPOSITE COVER SYSTEM

- Is the integrity of the cover system in tact? Yes X No
- Do the maintenance records indicate any invasive subsurface work has been completed after the last inspection? Yes No X
- Has any soil been removed or imported from the Site since the last inspection? Yes No X
- If soil has been disposed off-Site or imported, has this been completed in accordance with the NYSDEC approved Soil Management Plan for the Site? Yes No (N/A)
- If subsurface invasive work was undertaken, has the demarcation geotextile and the “clean soil cover” been restored? Yes No (N/A)
- Did a Professional Engineer or a qualified environmental professional (approved by the NYSDEC) oversee the above work? Yes No (N/A)
- Was NYSDEC notified of disturbances to the “Clean Soil Cover”? Yes No (N/A)

SLURRY WALL

- Have DNAPL monitoring /recovery wells MW-A, MW-B, MW-C1, and MW-C2 been checked/gauged for the presence and thickness of DNAPL? Yes No (N/A)
- Have the relatively deep monitoring wells MW-6A and MW-7A been checked/gauged for the presence and thickness of DNAPL? Yes X No
- Have any product seeps been observed along the property lines abutting the Hudson River and Sing Sing Kill? Yes No X
- If indications of DNAPL were observed in any of the above instances, has the NYSDEC been notified? Yes No (N/A)

*Inspections/Monitoring conducted on July 8, 2020 by SPB, June 30 and July 20, 2020 by JCS.
Cloudy, 81°F (7/8); Cloudy, 80°F (6/30); Sunny 90°F (7/20)

PERIODIC REVIEW REPORT – INSPECTION CHECKLIST

HARBOR SQUARE WATERFRONT 1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK NYSDEC BCP No. C360091 SESI CONSULTING ENGINEERS D.P.C. PROJECT # 7173

SUB-SLAB VENTING/DEPRESSURIZATION SYSTEM (SSDS)

- Is the SSDS operating as designed? Yes X No
- Do the maintenance records indicate any problems since the last inspection (e.g., broken vent pipes, clogged sub-slab drainage pipes, odors reported by residents and others etc.) Yes No X
- Did an inspection of the concrete slab above the SSDS indicate new cracks or other breaches (e.g., new utilities going through the slab, etc.)? Yes No X
- Have the cracks been sealed? Yes No (N/A)
- Is the labeling associated with the system in tact? Yes No X
 - No label observed at SSDS sample port in restaurant building only
- Has the annual indoor sampling been completed? Yes No (N/A)
- Has the NYSDEC been notified of any problem with the SSDS? Yes No (N/A)

MONITORING WELL NETWORK

- Are all the on-Site monitoring wells accessible for annual compliance sampling (i.e., they are not covered by soil, dumpsters, etc.)? Yes X No
- Is the integrity of the flush-mount manhole covers and associated concrete pads intact? Yes No X
 - Monitoring Well MW-6A missing screw on manhole cover
- Are the monitoring wells locked and the locks functioning? Yes X No

ATTACHMENT B

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A
DATE COLLECTED:			07110833-01	AC51902-008	AC58765-006	AC65207-011	AC72263-007	AC78779-001	AC84603-001	AC91349-006	AC98051-005	460-157702-4	460-183874-1	07110833-07	AC51902-007	AC58765-010	AC65207-012	AC72263-001
			11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013	5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013
Volatile Organics																		
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	0.04	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NA	5	NA	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	ND
1,2-Dichloropropane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NA	5	NA	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,3-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Butanone	50	50	ND	ND	ND	ND	ND	ND	ND	640	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinylether	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
2-Hexanone	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NA	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
4-Methyl-2-Pentanone	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	NA	2	ND	ND	ND	ND	ND	ND	440	ND	ND	ND	58	ND	ND	ND	ND
Acrolein	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Acrylonitrile	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Benzene	0.7	1	10	39	ND	ND	8.9	0.67	17	ND	ND	ND	ND	3,300	6,400	5,100	6,500	6,400
Bromodichloromethane	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND	ND	3.7	ND	8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NA	5	ND	ND	ND	1	2.6	2.9	6.5	ND	ND	0.36	ND	ND	ND	ND	ND	ND
M&p-Xylenes	5	5	ND	ND	ND	ND	2.3	ND	1.6	ND	ND	ND	ND	ND	ND	65	ND	ND
Methylene chloride	5	5	3	ND	ND	ND	ND	ND	ND	ND	ND	0.36	ND	100	ND	ND	ND	ND
Methyl-t-butyl ether	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NA	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
N-Propylbenzene	NA	5	NA	ND	ND	ND	ND	ND	1.4	ND	ND	ND	NA	NA	ND	ND	ND	ND
O-Xylene	5	5	ND	ND	ND	ND	1	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	NA	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Styrene	NA	5	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
T-Butylbenzene	NA	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	5	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)				ND	ND	ND	3.3	ND	5.8	ND	ND	ND	ND	ND	ND	65	ND	ND

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Base Neutral Organics																		
1,2,4-Trichlorobenzene	5	5	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA
1,2-Diphenylhydrazine	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
2,4,5-Trichlorophenol	1	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4,6-Trichlorophenol	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dichlorophenol	1	1	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dimethylphenol	NA	50	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dinitrophenol	5	10	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dinitrotoluene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	50	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2-Methylnaphthalene	50	NA	ND	ND	ND	ND	ND	ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	5	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	5	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
3&4-Methylphenol	50	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
3,3'-Dichlorobenzidine	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
4-Bromophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	5	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
4-Chloroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	5	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	NA	NA
Acenaphthene	20	20	27	13	24	28	40	33	30	6.9	12	4	11	ND	ND	ND	ND	ND
Acenaphthylene	20	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	5	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Anthracene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Benzo[a]anthracene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A
LAB ID:			07110833-01	AC51902-008	AC58765-006	AC65207-011	AC72263-007	AC78779-001	AC84603-001	AC91349-006	AC98051-005	460-157702-4	460-183874-1	07110833-07	AC51902-007	AC58765-010	AC65207-012	AC72263-001
DATE COLLECTED:			11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013	5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013
Bis(2-Chloroethoxy)methane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)Ether	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	51	ND	ND
Butylbenzylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chrysene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]Anthracene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-n-octylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.35	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	10	9	ND	ND	ND	3.4	ND	32	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	5	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
N-Nitroso-Di-N-Propylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1	1	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	11	ND	ND
Pyrene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
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SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A
DATE COLLECTED:			07110833-01	AC51902-008	AC58765-006	AC65207-011	AC72263-007	AC78779-001	AC84603-001	AC91349-006	AC98051-005	460-157702-4	460-183874-1	07110833-07	AC51902-007	AC58765-010	AC65207-012	AC72263-001
			11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013	5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	11/26/2007	5/25/2010	4/29/2011	4/9/2012	5/7/2013
Metals																		
Mercury	NA	0.7	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Aluminum			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND
Antimony			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Arsenic			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Barium	NA	1000	NA	270	230	160	200	390	190	NA	NA	NA	NA	NA	32	41	ND	ND
Beryllium			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Cadmium			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	2.1	ND	ND
Calcium			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Chromium	NA	50	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Cobalt			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND
Copper	NA	200	NA	33	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Iron			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Lead	NA	25	0.034	ND	ND	ND	5.4	ND	ND	NA	NA	NA	NA	ND	ND	5.4	ND	4.3
TCLP Lead			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Magnesium			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Manganese			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Nickel			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Potassium			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Selenium			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Silver			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Sodium			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Thallium			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Vanadium			NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Zinc			NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	56	ND	ND
PCBS																		
Aroclor-1016			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDD			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDE			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDT			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Parameters																		
% Solids			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cr (Hexavalent)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A	MW-4A	MW-4A
DATE COLLECTED:			AC78779-002	AC84603-002	AC91349-005	AC98051-004	460-157702-5	460-183874-2	460-212426-1	07110833-02	AC51902-010	AC65207-009	AC72263-008	AC84603-003	AC91349-004	08010442-01	AC51902-009	AC58765-005	AC65207-010
			5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020	11/26/2007	5/25/2010	4/9/2012	5/7/2013	4/28/2015	5/13/2016	1/15/2008	5/25/2010	4/29/2011	4/9/2012
Volatile Organics																			
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	0.04	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2,4-Trimethylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,2-Dichlorobenzene	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,3-Dichlorobenzene	5	3	ND	ND	ND	ND	0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
1,4-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Butanone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4700	ND	ND	ND	ND	ND
2-Chloroethylvinylether	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2-Hexanone	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-Methyl-2-Pentanone	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	NA	ND	ND	ND	ND	34	11	7.9	3	15	ND	ND	2100	ND	18	ND	ND	ND
Acrolein	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Acrylonitrile	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzene	0.7	1	3,900	2,800	2,000	1,300	84	120	12	7	71	ND	0.68	ND	ND	23	53	2.7	ND
Bromodichloromethane	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	7	ND	ND	ND	ND	ND	ND	ND	ND	4.2	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND
Isopropylbenzene	NA	5	ND	ND	ND	ND	0.77	1.2	1.2	3	ND	1.8	ND	ND	ND	ND	ND	ND	ND
M&p-Xylenes	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
Methylene chloride	5	5	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	5	ND	ND	ND
Methyl-t-butyl ether	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
N-Propylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
O-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND
Sec-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	2.8	ND	ND	ND	NA	ND	ND	ND
Styrene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
T-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	5	ND	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	3	ND	ND	ND
Trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID: DATE COLLECTED:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A	MW-4A	MW-4A
			AC78779-002	AC84603-002	AC91349-005	AC98051-004	460-157702-5	460-183874-2	460-212426-1	07110833-02	AC51902-010	AC65207-009	AC72263-008	AC84603-003	AC91349-004	08010442-01	AC51902-009	AC58765-005	AC65207-010
			5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020	11/26/2007	5/25/2010	4/9/2012	5/7/2013	4/28/2015	5/13/2016	1/15/2008	5/25/2010	4/29/2011	4/9/2012
Base Neutral Organics																			
1,2,4-Trichlorobenzene	5	5	NA	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
1,2-Diphenylhydrazine	NA	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
2,4,5-Trichlorophenol	1	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2,4-Dichlorophenol	1	1	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2,4-Dimethylphenol	NA	50	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2,4-Dinitrophenol	5	10	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2,4-Dinitrotoluene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	50	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2-Methylnaphthalene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	ND	ND
2-Methylphenol	5	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
2-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	5	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
3&4-Methylphenol	50	NA	NA	NA	NA	2.7	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
3,3'-Dichlorobenzidine	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
4-Bromophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	5	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
4-Chloroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	5	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA
Acenaphthene	20	20	ND	ND	ND	ND	ND	ND	ND	6	ND	6	ND	12	ND	9	ND	11	ND
Acenaphthylene	20	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	5	5	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Anthracene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
Benzo[a]anthracene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50	NA	NA	NA	NA	23	NA	NA	NA	ND	ND	NA	NA	NA	NA	ND	ND	ND	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A	MW-4A	MW-4A
LAB ID:			AC78779-002	AC84603-002	AC91349-005	AC98051-004	460-157702-5	460-183874-2	460-212426-1	07110833-02	AC51902-010	AC65207-009	AC72263-008	AC84603-003	AC91349-004	08010442-01	AC51902-009	AC58765-005	AC65207-010
DATE COLLECTED:			5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020	11/26/2007	5/25/2010	4/9/2012	5/7/2013	4/28/2015	5/13/2016	1/15/2008	5/25/2010	4/29/2011	4/9/2012
Bis(2-Chloroethoxy)methane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)Ether	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NA	NA	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	3.1	ND
Chrysene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]Anthracene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	1	ND	ND	ND	3	ND
Diethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-n-octylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	50	50	ND	ND	ND	ND	ND	ND	ND	5	ND	4.6	ND	6.5	ND	5	ND	4.8	ND
Hexachlorobenzene	0.35	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5	ND	141	ND	21	ND
Nitrobenzene	5	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NA	NA	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND
N-Nitroso-Di-N-Propylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	50	ND	ND	ND	ND	ND	ND	ND	2	ND	6.9	ND	2.2	ND	5	ND	ND	ND
Phenol	1	1	ND	ND	ND	9.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-2A	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4A	MW-4A	MW-4A	MW-4A
DATE COLLECTED:			AC78779-002	AC84603-002	AC91349-005	AC98051-004	460-157702-5	460-183874-2	460-212426-1	07110833-02	AC51902-010	AC65207-009	AC72263-008	AC84603-003	AC91349-004	08010442-01	AC51902-009	AC58765-005	AC65207-010
			5/20/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020	11/26/2007	5/25/2010	4/9/2012	5/7/2013	4/28/2015	5/13/2016	1/15/2008	5/25/2010	4/29/2011	4/9/2012
Metals																			
Mercury	NA	0.7	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Aluminum			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Antimony			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Arsenic			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	2.5	NA	NA	ND	ND	ND
Barium	NA	1000	ND	ND	NA	NA	NA	NA	NA	NA	500	430	330	380	NA	NA	260	210	270
Beryllium			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Cadmium			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Calcium			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Chromium	NA	50	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Cobalt			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Copper	NA	200	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Iron			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Lead	NA	25	ND	ND	NA	NA	NA	NA	NA	0.061	28	72	9	4.9	NA	0.042	11	31	26
TCLP Lead			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Magnesium			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Manganese			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Nickel			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Potassium			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Selenium			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Silver			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Sodium			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Thallium			ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND
Vanadium			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
Zinc			ND	ND	NA	NA	NA	NA	NA	NA	ND	63	ND	ND	NA	NA	ND	ND	ND
PCBS																			
Aroclor-1016			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDD			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDE			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDT			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Parameters																			
% Solids			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cr (Hexavalent)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-4A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B
DATE COLLECTED:			AC72263-002	08010442-02	AC51902-006	AC58765-008	AC65207-004	AC72263-009	AC84603-004	AC91349-002	AC98051-002	460-157702-3	460-183874-3	08010442-03	AC51902-005	AC58765-007	AC65207-005	AC72263-003
			5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Volatile Organics																		
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	0.04	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NA	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NA	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,3-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Butanone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinylether	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
2-Hexanone	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NA	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
4-Methyl-2-Pentanone	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	NA	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND
Acrolein	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Acrylonitrile	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Benzene	0.7	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
Chloroform	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NA	5	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND
M&p-Xylenes	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	5	ND	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND
Methyl-t-butyl ether	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Butylbenzene	NA	5	1.2	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
N-Propylbenzene	NA	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
O-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	NA	5	4	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Styrene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
T-Butylbenzene	NA	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID: DATE COLLECTED:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-4A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B
			AC72263-002	08010442-02	AC51902-006	AC58765-008	AC65207-004	AC72263-009	AC84603-004	AC91349-002	AC98051-002	460-157702-3	460-183874-3	08010442-03	AC51902-005	AC58765-007	AC65207-005	AC72263-003
			5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Base Neutral Organics																		
1,2,4-Trichlorobenzene	5	5	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA
1,2-Diphenylhydrazine	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
2,4,5-Trichlorophenol	1	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dichlorophenol	1	1	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dimethylphenol	NA	50	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dinitrophenol	5	10	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2,4-Dinitrotoluene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	50	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2-Methylnaphthalene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	5	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
2-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	5	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
3&4-Methylphenol	50	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
3,3'-Dichlorobenzidine	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
4-Bromophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	5	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA
4-Chloroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	5	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	NA	NA
Acenaphthene	20	20	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	20	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aniline	5	5	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Anthracene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND
Benzo[a]anthracene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.002	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-4A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B
LAB ID:			AC72263-002	08010442-02	AC51902-006	AC58765-008	AC65207-004	AC72263-009	AC84603-004	AC91349-002	AC98051-002	460-157702-3	460-183874-3	08010442-03	AC51902-005	AC58765-007	AC65207-005	AC72263-003
DATE COLLECTED:			5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Bis(2-Chloroethoxy)methane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)Ether	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chrysene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]Anthracene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	5	NA	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-n-octylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND
Fluorene	50	50	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	0.35	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	5	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-Nitroso-Di-N-Propylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	50	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-4A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6A	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B
DATE COLLECTED:			AC72263-002	08010442-02	AC51902-006	AC58765-008	AC65207-004	AC72263-009	AC84603-004	AC91349-002	AC98051-002	460-157702-3	460-183874-3	08010442-03	AC51902-005	AC58765-007	AC65207-005	AC72263-003
			5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Metals																		
Mercury	NA	0.7	ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	11	ND
Aluminum			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Antimony			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	16	ND
Arsenic			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	28	ND
Barium	NA	1000	400	NA	200	120	130	300	150	NA	NA	NA	NA	NA	220	110	390	240
Beryllium			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Cadmium			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	5.2	ND
Calcium			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Chromium	NA	50	ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	200	ND
Cobalt			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Copper	NA	200	ND	NA	ND	29	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	470	ND
Iron			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Lead	NA	25	27	0.06	18	100	ND	6.3	ND	NA	NA	NA	NA	0.506	10	42	760	20
TCLP Lead			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Magnesium			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Manganese			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Nickel			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Potassium			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Selenium			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Silver			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	52	ND
Sodium			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Thallium			ND	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND
Vanadium			NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA
Zinc			ND	NA	ND	72	ND	ND	ND	NA	NA	NA	NA	NA	ND	65	1000	ND
PCBS																		
Aroclor-1016			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDD			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDE			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDT			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Parameters																		
% Solids			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cr (Hexavalent)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
DATE COLLECTED:			AC84603-005	AC91349-001	AC98051-001	460-157702-2	460-183874-4	08010442-05	AC51902-003	AC58765-004	AC65207-001	AC72263-004	08010442-04	AC51902-004	AC58765-001	AC65207-002	AC72263-012
			4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Volatile Organics																	
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	0.04	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	4.7	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,3-Dichlorobenzene	5	3	ND	ND	ND	0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
1,4-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NA	NA	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Butanone	50	50	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinylether	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
2-Hexanone	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
4-Methyl-2-Pentanone	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	NA	32	ND	ND	ND	ND	10	ND	ND	ND	ND	11	ND	ND	ND	ND
Acrolein	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Acrylonitrile	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Benzene	0.7	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	60	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND
M&p-Xylenes	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	5	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5	ND	ND	ND	ND
Methyl-t-butyl ether	NA	10	ND	ND	ND	ND	ND	ND	0.65	ND	ND	ND	2	1.5	0.79	0.87	ND
N-Butylbenzene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-Propylbenzene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
O-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	NA	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Styrene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-Butyl Alcohol	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
T-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC84603-005	AC91349-001	AC98051-001	460-157702-2	460-183874-4	08010442-05	AC51902-003	AC58765-004	AC65207-001	AC72263-004	08010442-04	AC51902-004	AC58765-001	AC65207-002	AC72263-012
DATE COLLECTED:			4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Base Neutral Organics																	
1,2,4-Trichlorobenzene	5	5	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
1,2-Diphenylhydrazine	NA	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
2,4,5-Trichlorophenol	1	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2,4-Dichlorophenol	1	1	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2,4-Dimethylphenol	NA	50	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2,4-Dinitrophenol	5	10	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2,4-Dinitrotoluene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	50	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2-Methylnaphthalene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND
2-Methylphenol	5	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
2-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	5	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
3&4-Methylphenol	50	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
3,3'-Dichlorobenzidine	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
4-Bromophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	5	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA
4-Chloroaniline	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	5	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	NA
Acenaphthene	20	20	ND	ND	ND	ND	ND	ND	7.7	ND	ND	4.2	ND	83	68	65	47
Acenaphthylene	20	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55	ND	ND	ND	ND
Aniline	5	5	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Anthracene	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8	5.7	6.4	2.8	5.5
Benzidine	NA	NA	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.002	NA	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.002	NA	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	2.2	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	NA	ND	ND	ND	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC84603-005	AC91349-001	AC98051-001	460-157702-2	460-183874-4	08010442-05	AC51902-003	AC58765-004	AC65207-001	AC72263-004	08010442-04	AC51902-004	AC58765-001	AC65207-002	AC72263-012
DATE COLLECTED:			4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Bis(2-Chloroethoxy)methane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)Ether	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	50	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chrysene	0.002	0.002	ND	ND	ND	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]Anthracene	50	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	5	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	11	6.4	9.8
Diethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DI-n-octylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	50	ND	ND	ND	ND	ND	4	6.2	ND	ND	ND	5	5	5.6	5.9	5.1
Fluorene	50	50	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	28	30	24	10	19
Hexachlorobenzene	0.35	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NA	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	ND
Nitrobenzene	5	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NA	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
N-Nitroso-Di-N-Propylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NA	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	50	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	33	36	31	ND	ND
Phenol	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	27
Pyrene	50	50	ND	ND	ND	ND	ND	5	7.8	ND	ND	ND	4	4	4.7	4.5	4

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-6B	MW-6B	MW-6B	MW-6B	MW-6B	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC84603-005	AC91349-001	AC98051-001	460-157702-2	460-183874-4	08010442-05	AC51902-003	AC58765-004	AC65207-001	AC72263-004	08010442-04	AC51902-004	AC58765-001	AC65207-002	AC72263-012
DATE COLLECTED:			4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013	1/15/2008	5/24/2010	4/29/2011	4/9/2012	5/7/2013
Metals																	
Mercury	NA	0.7	ND	NA	NA	NA	NA	NA	0.44	ND	ND	ND	NA	ND	ND	ND	ND
Aluminum			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Antimony			3.6	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Arsenic			5.7	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Barium	NA	1000	150	NA	NA	NA	NA	NA	280	180	130	150	NA	210	220	200	210
Beryllium			ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Cadmium			3.6	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Calcium			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Chromium	NA	50	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Cobalt			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Copper	NA	200	ND	NA	NA	NA	NA	NA	78	ND	ND	ND	NA	ND	ND	ND	ND
Iron			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Lead	NA	25	11	NA	NA	NA	NA	271	610	5.9	5.1	4.9	0.107	ND	5.4	7.9	7.3
TCLP Lead			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Magnesium			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Manganese			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Nickel			ND	NA	NA	NA	NA	NA	20	ND	ND	ND	NA	ND	ND	ND	ND
Potassium			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Selenium			ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Silver			ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Sodium			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Thallium			ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	ND
Vanadium			NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	NA
Zinc			ND	NA	NA	NA	NA	NA	360	ND	ND	ND	NA	ND	ND	ND	ND
PCBS																	
Aroclor-1016			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDD			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDE			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p,p'-DDT			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toxaphene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Parameters																	
% Solids			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cr (Hexavalent)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC78754-002	AC84603-006	AC91349-003	AC98051-003	460-157702-1	460-183874-5	460-212426-2
DATE COLLECTED:			5/19/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020
Volatile Organics									
1,1,1-Trichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	5	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloro-1,2,2-trifluoroethane	5	5	ND	ND	ND	ND	ND	NA	NA
1,1,2-Trichloroethane	NA	1	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5	0.04	ND	ND	ND	ND	ND	NA	NA
1,2,4-Trimethylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
1,2-Dichlorobenzene	4.7	3	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5	0.6	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NA	1	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
1,3-Dichlorobenzene	5	3	ND	ND	ND	ND	0.94	ND	ND
1,3-Dichloropropane	5	5	ND	ND	ND	ND	ND	NA	NA
1,4-Dichlorobenzene	5	3	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	NA	NA	ND	ND	ND	ND	ND	ND	ND
2-Butanone	50	50	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinylether	NA	NA	ND	ND	ND	ND	ND	NA	NA
2-Hexanone	NA	50	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NA	5	ND	ND	ND	ND	ND	NA	NA
4-Methyl-2-Pentanone	50	NA	ND	ND	ND	ND	ND	ND	ND
Acetone	50	NA	ND	ND	ND	ND	ND	ND	6.1
Acrolein	NA	NA	ND	ND	ND	ND	ND	NA	NA
Acrylonitrile	NA	NA	ND	ND	ND	ND	ND	NA	NA
Benzene	0.7	1	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	50	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	50	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NA	5	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	50	60	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	5	ND	ND	ND	ND	ND	ND	ND
Chloroethane	50	5	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	7	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NA	NA	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	NA	5	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	50	50	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	5	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NA	5	ND	ND	ND	ND	ND	ND	ND
M&p-Xylenes	5	5	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5	5	ND	ND	ND	ND	ND	ND	ND
Methyl-t-butyl ether	NA	10	ND	0.77	ND	ND	0.71	0.97	0.73
N-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
N-Propylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
O-Xylene	5	5	ND	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
Styrene	NA	5	ND	ND	ND	ND	ND	NA	NA
T-Butyl Alcohol	NA	NA	ND	ND	ND	ND	ND	NA	NA
T-Butylbenzene	NA	5	ND	ND	ND	ND	ND	NA	NA
Tetrachloroethene	5	5	ND	ND	ND	ND	ND	ND	ND
Toluene	5	5	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	NA	0.4	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	5	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	NA	5	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	2	ND	ND	ND	ND	ND	ND	ND
Xylenes (Total)			ND	ND	ND	ND	ND	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC78754-002	AC84603-006	AC91349-003	AC98051-003	460-157702-1	460-183874-5	460-212426-2
DATE COLLECTED:			5/19/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020
Base Neutral Organics									
1,2,4-Trichlorobenzene	5	5	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NA	ND	ND	ND	ND	ND	ND	NA	NA
2,4,5-Trichlorophenol	1	NA	NA	NA	NA	NA	NA	ND	ND
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA	ND	ND
2,4-Dichlorophenol	1	1	NA	NA	NA	NA	NA	ND	ND
2,4-Dimethylphenol	NA	50	NA	NA	NA	NA	NA	ND	ND
2,4-Dinitrophenol	5	10	NA	NA	NA	NA	NA	ND	ND
2,4-Dinitrotoluene	NA	5	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	5	5	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	10	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	50	NA	NA	NA	NA	NA	NA	ND	ND
2-Methylnaphthalene	50	NA	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	5	NA	NA	NA	NA	NA	NA	ND	ND
2-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	5	NA	NA	NA	NA	NA	NA	ND	ND
3&4-Methylphenol	50	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	5	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	5	5	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA	ND	ND
4-Bromophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	5	NA	NA	NA	NA	NA	NA	ND	ND
4-Chloroaniline	5	5	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NA	NA	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NA	5	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	5	NA	NA	NA	NA	NA	ND	ND	ND
Acenaphthene	20	20	41	59	22	49	19	39	38
Acenaphthylene	20	NA	ND	ND	ND	ND	ND	ND	ND
Aniline	5	5	ND	ND	ND	ND	ND	NA	NA
Anthracene	50	50	6.8	6.1	2.1	6.7	ND	4.5	4.6
Benzidine	NA	NA	ND	ND	ND	ND	ND	ND	ND
Benzo[a]anthracene	0.002	NA	ND	ND	ND	ND	ND	ND	ND
Benzo[a]pyrene	0.002	NA	ND	ND	ND	ND	ND	ND	ND
Benzo[b]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND
Benzo[g,h,i]perylene	5	NA	ND	ND	ND	ND	ND	ND	ND
Benzo[k]fluoranthene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50	NA	NA	NA	NA	NA	NA	ND	ND

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
LAB ID:			AC78754-002	AC84603-006	AC91349-003	AC98051-003	460-157702-1	460-183874-5	460-212426-2
DATE COLLECTED:			5/19/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020
Bis(2-Chloroethoxy)methane	NA	5	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl)Ether	NA	1	ND	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	50	5	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND
Carbazole	NA	NA	ND	ND	ND	ND	ND	NA	NA
Chrysene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND
Dibenzo[a,h]Anthracene	50	NA	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	5	NA	9.6	12	4.3	11	1.3	7.6	7.3
Diethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND
DI-n-octylphthalate	50	50	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	50	6	4.8	ND	5.3	2.9	4	5
Fluorene	50	50	19	23	8.5	21	ND	ND	15
Hexachlorobenzene	0.35	0.04	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NA	0.5	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NA	5	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NA	5	ND	ND	ND	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene	0.002	0.002	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	50	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	10	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	5	0.4	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	NA	NA	ND	ND	ND	ND	ND	NA	NA
N-Nitroso-Di-N-Propylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NA	50	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1	1	ND	NA	NA	NA	NA	ND	ND
Phenanthrene	50	50	35	31	12	24	ND	ND	20
Phenol	1	1	ND	NA	NA	NA	NA	ND	ND
Pyrene	50	50	4	4.1	ND	4.1	2.3	1.6	4

GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE
HARBOR SQUARE
VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS D.P.C. PROJECT #7173

SAMPLE ID: LAB ID: DATE COLLECTED:	NY_Water_TAGM Criteria (ug/L)	NY_TOGS_Water Criteria (ug/L)	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A	MW-7A
			AC78754-002	AC84603-006	AC91349-003	AC98051-003	460-157702-1	460-183874-5	460-212426-2
			5/19/2014	4/28/2015	5/13/2016	5/23/2017	6/5/2018	6/6/2019	6/30/2020
Metals									
Mercury	NA	0.7	ND	ND	NA	NA	NA	NA	NA
Aluminum			NA	NA	NA	NA	NA	NA	NA
Antimony			ND	ND	NA	NA	NA	NA	NA
Arsenic			ND	ND	NA	NA	NA	NA	NA
Barium	NA	1000	220	150	NA	NA	NA	NA	NA
Beryllium			ND	ND	NA	NA	NA	NA	NA
Cadmium			ND	ND	NA	NA	NA	NA	NA
Calcium			NA	NA	NA	NA	NA	NA	NA
Chromium	NA	50	ND	ND	NA	NA	NA	NA	NA
Cobalt			NA	NA	NA	NA	NA	NA	NA
Copper	NA	200	ND	ND	NA	NA	NA	NA	NA
Iron			NA	NA	NA	NA	NA	NA	NA
Lead	NA	25	ND	ND	NA	NA	NA	NA	NA
TCLP Lead			NA	NA	NA	NA	NA	NA	NA
Magnesium			NA	NA	NA	NA	NA	NA	NA
Manganese			NA	NA	NA	NA	NA	NA	NA
Nickel			ND	ND	NA	NA	NA	NA	NA
Potassium			NA	NA	NA	NA	NA	NA	NA
Selenium			ND	ND	NA	NA	NA	NA	NA
Silver			ND	ND	NA	NA	NA	NA	NA
Sodium			NA	NA	NA	NA	NA	NA	NA
Thallium			ND	ND	NA	NA	NA	NA	NA
Vanadium			NA	NA	NA	NA	NA	NA	NA
Zinc			ND	ND	NA	NA	NA	NA	NA
PCBS									
Aroclor-1016			NA	NA	NA	NA	NA	NA	NA
Aroclor-1221			NA	NA	NA	NA	NA	NA	NA
Aroclor-1232			NA	NA	NA	NA	NA	NA	NA
Aroclor-1242			NA	NA	NA	NA	NA	NA	NA
Aroclor-1248			NA	NA	NA	NA	NA	NA	NA
Aroclor-1254			NA	NA	NA	NA	NA	NA	NA
Aroclor-1260			NA	NA	NA	NA	NA	NA	NA
Aroclor-1262			NA	NA	NA	NA	NA	NA	NA
Aldrin			NA	NA	NA	NA	NA	NA	NA
Alpha-BHC			NA	NA	NA	NA	NA	NA	NA
beta-BHC			NA	NA	NA	NA	NA	NA	NA
Chlordane			NA	NA	NA	NA	NA	NA	NA
delta-BHC			NA	NA	NA	NA	NA	NA	NA
Dieldrin			NA	NA	NA	NA	NA	NA	NA
Endosulfan I			NA	NA	NA	NA	NA	NA	NA
Endosulfan II			NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate			NA	NA	NA	NA	NA	NA	NA
Endrin			NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde			NA	NA	NA	NA	NA	NA	NA
Endrin Ketone			NA	NA	NA	NA	NA	NA	NA
Gamma-BHC			NA	NA	NA	NA	NA	NA	NA
Heptachlor			NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide			NA	NA	NA	NA	NA	NA	NA
Methoxychlor			NA	NA	NA	NA	NA	NA	NA
p,p'-DDD			NA	NA	NA	NA	NA	NA	NA
p,p'-DDE			NA	NA	NA	NA	NA	NA	NA
p,p'-DDT			NA	NA	NA	NA	NA	NA	NA
Toxaphene			NA	NA	NA	NA	NA	NA	NA
Other Parameters									
% Solids			NA	NA	NA	NA	NA	NA	NA
Cyanide			NA	NA	NA	NA	NA	NA	NA
Cr (Hexavalent)			NA	NA	NA	NA	NA	NA	NA

SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
HARBOR SQUARE CROSSINGS
1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS PROJECT # 7173

Well ID #	Date Installed	Depth to Top of Screen (ft.)	PVC Elevation above MSL (ft.)	Date Measured	Total Depth (ft.) bgs	Depth to Product (DNAPL) (ft.)	Depth to Groundwater (ft.)	Product Thickness (ft.)	Corrected Depth to Groundwater (ft.)	Ground Water Elevation above MSL (ft.)	Geochemical Parameters							
											pH	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (°C)	Salinity (%)	Redox Potential (mV)	PID (ppm)
MW-1	12/21/06	5	11.48	11/26/07	13.38	NA	9.42	NA	NA	2.06	7.39	2.39	-0.6	2.60	15.82	1.95	NM	NM
MW-1A	12/22/06	20	11.16	11/26/07	33.16	NM	8.50	NM	NM	2.66	7.58	5.209	97.5	5.61	14.79	3.57	NM	NM
MW-2	12/27/06	5	10.37	11/26/07	13.27	NA	8.10	NA	NA	2.27	7.25	1.968	109.2	3.51	15.10	1.25	NM	NM
MW-2	12/27/06	5	10.37	10/21/08	13.27	NA	7.62	NA	NA	2.75	7.09	2.17	35.5	1.05	18.51	NM	-176.10	0
MW-2	12/27/06	5	10.37	11/20/08	13.27	NA	7.83	NA	NA	2.54	NM	NM	NM	NM	NM	NM	NM	NM
MW-2	12/27/06	5	10.37	5/25/10	13.27	NA	7.82	NA	NA	2.55	7.25	3.72	576	NM	13.24	NM	-164.00	0
MW-2	12/27/06	5	10.37	4/29/11	13.27	NA	7.24	NA	NA	3.13	7.15	3.76	11.1	1.17	10.78	NM	-169.00	0.2
MW-2	12/27/06	5	10.37	4/9/12	14.45	NA	7.20	NA	NA	3.17	7.44	1.86	63.5	8.53	14.12	NM	-92.00	0
MW-2	12/27/06	5	10.37	5/7/13	14.45	NA	7.85	NA	NA	2.52	7.30	2.27	9.5	4.65	13.31	NM	-161.00	0
MW-2	12/27/06	5	10.37	5/20/14	14.44	NA	7.24	NA	NA	3.13	7.80	2.51	2.4	1.26	13.40	NM	-161.00	0
MW-2	12/27/06	5	10.37	4/28/15	14.55	NA	7.67	NA	NA	2.70	6.98	2.80	0.0	0.0	11.60	NM	-188.00	0
MW-2	12/27/06	3.23	8.60	5/13/16	NA	NA	NA	NA	NA	NA	7.62	1.38	8.3	0.81	12.60	NM	-190.80	32.0
MW-2	12/27/06	3.23	8.60	5/23/17	NA	NA	NA	NA	NA	NA	7.32	2.15	8.5	1.33	13.60	NM	-145.90	0.0
MW-2	12/27/06	3.23	8.60	6/5/18	NA	NA	NA	NA	NA	NA	7.19	2.56	4.6	0.56	14.57	NM	-135.30	0.0
MW-2	12/27/06	3.23	8.60	6/6/19	NA	NA	NA	NA	NA	NA	7.55	1.59	49.2	0.00	17.01	NM	-173.00	0.0
MW-2A	12/27/06	15	10.16	11/26/07	35	NA	7.58	NA	NA	2.58	7.64	4.29	43.8	3.38	15.49	2.84	NM	NM
MW-2A	12/27/06	15	10.16	10/21/08	35	NA	7.30	NA	NA	2.86	7.65	2.69	38.5	4.71	17.15	NM	-47.90	0
MW-2A	12/27/06	15	10.16	11/20/08	35	NA	7.50	NA	NA	2.66	NM	NM	NM	NM	NM	NM	NM	NM
MW-2A	12/27/06	15	10.16	5/25/10	35	NA	7.42	NA	NA	2.74	7.33	5.03	470	NM	16.49	NM	-141.00	0
MW-2A	12/27/06	15	10.16	4/29/11	35	NA	7.25	NA	NA	2.91	7.44	4.87	21.2	2.50	19.22	NM	83.00	0
MW-2A	12/27/06	15	10.16	4/9/12	28.5	NA	6.66	NA	NA	3.50	7.39	5.05	42	27.55	8.46	NM	-260.00	0
MW-2A	12/27/06	15	10.16	5/7/13	28.8	NA	6.80	NA	NA	3.36	7.46	4.51	13.1	1.89	22.66	NM	-61.00	0
MW-2A	12/27/06	15	10.16	5/20/14	28.56	NA	6.89	NA	NA	3.27	7.04	4.98	2.8	4.50	16.21	NM	-128.00	0
MW-2A	12/27/06	15	10.16	4/28/15	29.15	NA	6.71	NA	NA	3.45	6.97	5.01	0.0	0.0	13.76	NM	-119.00	0
MW-2A	12/27/06	13.54	8.70	5/13/16	26.95	NA	5.21	NA	NA	3.49	7.31	5.28	56.5	0.68	14.10	NM	-149.90	0.8
MW-2A	12/27/06	13.54	8.70	5/23/17	26.95	NA	10.00	NA	NA	-1.30	7.20	5.00	455.9	1.18	15.40	NM	-123.00	0
MW-2A	12/27/06	13.54	8.70	6/5/18	26.95	NA	5.14	NA	NA	3.56	7.26	4.83	35.2	0.53	14.88	NM	-101.80	0
MW-2A	12/27/06	13.54	8.70	6/6/19	26.95	NA	4.49	NA	NA	4.21	7.40	4.62	35.2	0.00	17.20	NM	-133.00	0
MW-2A	12/27/06	13.54	8.70	6/30/20	28.00	NA	6.35	NA	NA	2.35	7.47	4.78	8.5	1.71	19.60	NM	-149.00	0
MW-4	12/28/06	7	11.15	11/26/07	12	NA	6.00	NA	NA	5.15	7.67	1.748	40.9	5.98	15.95	1.08	NM	NM
MW-4	12/28/06	7	11.15	10/21/08	12	NA	5.45	NA	NA	5.70	7.25	3.3	683.3	0.10	18.55	NM	689.00	0
MW-4	12/28/06	7	11.15	11/20/08	12	NA	5.63	NA	NA	5.52	NM	NM	NM	NM	NM	NM	NM	NM
MW-4	12/28/06	7	11.15	5/25/10	12	NA	5.70	NA	NA	5.45	7.71	2.47	430	8.97	18.40	NM	-124.00	0

SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
HARBOR SQUARE CROSSINGS
1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS PROJECT # 7173

Well ID #	Date Installed	Depth to Top of Screen (ft.)	PVC Elevation above MSL (ft.)	Date Measured	Total Depth (ft.) bgs	Depth to Product (DNAPL) (ft.)	Depth to Groundwater (ft.)	Product Thickness (ft.)	Corrected Depth to Groundwater (ft.)	Ground Water Elevation above MSL (ft.)	Geochemical Parameters							
											pH	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (°C)	Salinity (%)	Redox Potential (mV)	PID (ppm)
MW-4	12/28/06	7	11.15	4/9/12	13.41	NA	8.60	NA	NA	2.55	7.52	1.46	47.7	2.40	17.83	NM	-141.00	0.3
MW-4	12/28/06	7	11.15	5/7/13	13.43	NA	6.27	NA	NA	4.88	7.47	1.33	16.1	2.75	18.28	NM	-158.00	0.1
MW-4	12/28/06	7	11.15	5/20/14	13.43	NA	6.35	NA	NA	4.80	7.40	1.62	12.3	1.87	20.56	NM	-164.00	NM
MW-4	12/28/06	7	11.15	4/28/15	33.11	NA	9.76	NA	NA	1.39	7.10	2.27	43.5	0.00	13.81	NM	-62.00	0
MW-4	12/28/06	7.15	11.30	5/13/16	29.89	NA	6.49	NA	NA	4.81	7.16	3.21	45.9	0.85	15.80	NM	36.10	1.3
MW-4A	12/20/07	18	9.45	1/15/08	28	NA	6.42	NA	NA	3.03	7.35	1.59	1.43	7.75	11.22	1.13	NM	NM
MW-4A	12/20/07	18	9.45	10/21/08	28	NA	6.76	NA	NA	2.69	6.99	2.981	153	0.41	15.65	NM	-107.20	0
MW-4A	12/20/07	18	9.45	11/20/08	28	NA	6.92	NA	NA	2.53	NM	NM	NM	NM	NM	NM	NM	NM
MW-4A	12/20/07	18	9.45	5/25/10	28	NA	7.11	NA	NA	2.34	7.15	1.91	630	NM	16.60	NM	-114.00	0
MW-4A	12/20/07	18	9.45	4/29/11	28	NA	7.12	NA	NA	2.33	7.11	1.64	80	0.69	13.82	NM	-37.00	0
MW-4A	12/20/07	18	9.45	4/9/12	30.3	NA	6.56	NA	NA	2.89	6.99	1.65	117	5.69	15.95	NM	38.00	0
MW-4A	12/20/07	18	9.45	5/7/13	30.2	NA	7.45	NA	NA	2.00	7.13	1.76	25.00	19.78	19.78	NM	-54.00	0.1
MW-4A	12/20/07	18	9.45	5/20/14	30.26	NA	6.48	NA	NA	2.97	7.45	1.35	24.50	3.57	16.73	NM	-134.00	0
MW-5	12/28/06	7	8.96	11/26/07	15.06	NA	7.25	NA	NA	1.71	7.03	1.036	123	3.78	15.74	0.63	NM	NM
MW-6A	12/20/07	5	8.91	1/15/08	15	NA	6.40	NA	NA	2.51	6.75	5.3	4.75	9.24	10.30	4.04	NM	NM
MW-6A	12/20/07	5	8.91	10/21/08	15	NA	6.34	NA	NA	2.57	6.59	4.548	83.7	0.77	18.09	NM	-69.30	0
MW-6A	12/20/07	5	8.91	11/20/08	15	NA	6.63	NA	NA	2.28	NM	NM	NM	NM	NM	NM	NM	NM
MW-6A	12/20/07	5	8.91	5/24/10	15	NA	6.82	NA	NA	2.09	6.83	4.55	370	NM	16.23	NM	-136.00	0
MW-6A	12/20/07	5	8.91	4/29/11	15	NA	6.32	NA	NA	2.59	6.67	6.43	15.7	0.71	14.08	NM	-113.00	0
MW-6A	12/20/07	5	8.91	4/9/12	17.86	NA	6.72	NA	NA	2.19	6.75	8.89	46.3	1.89	14.69	NM	-116.00	0
MW-6A	12/20/07	5	8.91	5/7/13	17.8	NA	6.92	NA	NA	1.99	6.92	2.24	21.5	2.53	22.36	NM	-92.00	0
MW-6A	12/20/07	5	8.91	5/19/14	17.78	NA	6.77	NA	NA	2.14	7.30	1.22	52.5	3.84	16.00	NM	40.00	0
MW-6A	12/20/07	5	8.91	4/28/15	20.71	NA	10.23	NA	NA	-1.32	7.88	1.49	5.1	0.00	11.20	NM	-62.00	6.2
MW-6A	12/20/07	5.15	9.06	5/13/16	13.51	NA	6.24	NA	NA	2.82	7.58	0.714	8.4	0.76	12.50	NM	-128.50	0
MW-6A	12/20/07	5.15	9.06	5/23/17	13.51	NA	7.19	NA	NA	1.87	6.12	1.000	72.7	7.16	21.90	NM	-24.40	0
MW-6A	12/20/07	5.15	9.06	6/5/18	13.51	NA	6.07	NA	NA	2.99	6.36	1.186	16.6	0.79	14.35	NM	-57.20	0
MW-6A	12/20/07	5.15	9.06	6/6/19	13.51	NA	7.93	NA	NA	1.13	6.71	1.750	20.5	0.00	19.24	NM	-112.00	0
MW-6B	12/20/07	14	9.72	1/15/08	24	NA	7.08	NA	NA	2.64	7.35	2.63	2.4	9.24	9.38	1.98	NM	NM
MW-6B	12/20/07	14	9.72	10/21/08	24	NA	7.11	NA	NA	2.61	6.75	4.42	100.5	0.03	17.56	NM	-119.90	0
MW-6B	12/20/07	14	9.72	11/20/08	24	NA	7.50	NA	NA	2.22	NM	NM	NM	NM	NM	NM	NM	NM
MW-6B	12/20/07	14	9.72	5/24/10	24	NA	7.48	NA	NA	2.24	7.00	2.01	112	NM	14.66	NM	-139.00	0
MW-6B	12/20/07	14	9.72	4/29/11	24	NA	6.82	NA	NA	2.90	6.91	1.09	56.1	0.60	12.54	NM	-96.00	0
MW-6B	12/20/07	14	9.72	4/9/12	26.55	NA	6.40	NA	NA	3.32	6.88	1.84	1000F	8.62	15.70	NM	-87.00	0.1

SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
HARBOR SQUARE CROSSINGS
1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS PROJECT # 7173

Well ID #	Date Installed	Depth to Top of Screen (ft.)	PVC Elevation above MSL (ft.)	Date Measured	Total Depth (ft.) bgs	Depth to Product (DNAPL) (ft.)	Depth to Groundwater (ft.)	Product Thickness (ft.)	Corrected Depth to Groundwater (ft.)	Ground Water Elevation above MSL (ft.)	Geochemical Parameters							
											pH	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp. (°C)	Salinity (%)	Redox Potential (mV)	PID (ppm)
MW-6B	12/20/07	14	9.72	5/7/13	26.29	NA	6.92	NA	NA	2.80	6.65	5.51	41	0.69	18.72	NM	-116.00	0.2
MW-6B	12/20/07	14	9.72	5/19/14	26.21	NA	6.21	NA	NA	3.51	7.46	5.72	43.3	3.78	14.68	NM	-145.00	0
MW-6B	12/20/07	14	9.72	4/28/15	27.36	NA	9.07	NA	NA	0.65	6.59	4.24	32.9	0.00	13.23	NM	-112.00	0
MW-6B	12/20/07	13	8.72	5/13/16	22.05	NA	6.46	NA	NA	2.26	6.83	3.11	28.7	0.69	13.00	NM	-140.90	0
MW-6B	12/20/07	13	8.72	5/23/17	22.05	NA	6.35	NA	NA	2.37	7.14	1.00	11.2	1.57	12.33	NM	-95.40	0
MW-6B	12/20/07	13	8.72	6/5/18	22.05	NA	5.97	NA	NA	2.75	7.11	1.08	5.1	0.44	13.19	NM	-111.80	0
MW-6B	12/20/07	13	8.72	6/6/19	22.05	NA	6.35	NA	NA	2.37	7.32	0.74	24.8	0.00	16.07	NM	-118.00	0
MW-7	12/29/06	7	10.95	1/15/07	15	NA	8.67	NA	NA	2.28	7.11	0.65	0.586	8.10	10.49	0.45	NM	NM
MW-7	12/29/06	7	10.95	10/21/08	15	NA	8.67	NA	NA	2.28	6.68	1.119	383.1	0.00	18.98	NM	-121.20	0
MW-7	12/29/06	7	10.95	11/20/08	15	NA	9.13	NA	NA	1.82	NM	NM	NM	NM	NM	NM	NM	NM
MW-7	12/29/06	7	10.95	5/24/10	15	NA	8.55	NA	NA	2.40	6.90	1.12	633	NM	12.11	NM	-174.00	0
MW-7	12/29/06	7	10.95	4/29/11	15	NA	5.74	NA	NA	5.21	7.01	0.79	95.1	3.91	13.37	NM	24.00	0
MW-7	12/29/06	7	10.95	4/9/12	14.86	NA	8.15	NA	NA	2.80	6.78	0.88	5.2	2.86	11.79	NM	-69.00	0
MW-7	12/29/06	7	10.95	5/7/13	14.78	NA	8.55	NA	NA	2.40	6.73	1.38	6.6	3.65	12.93	NM	-123.00	0.1
MW-7	12/29/06	7	10.95	5/19/14	14.82	NA	8.57	NA	NA	2.38	8.72	1.17	37.6	7.45	13.53	NM	26.00	0
MW-7	12/29/06	7	10.95	5/23/17	14.82	NA	9.50	NA	NA	1.45	6.77	8.38	7.5	0.33	13.54	NM	-102.30	0
MW-7A	12/20/07	19	11.24	1/15/08	29	NA	9.00	NA	NA	2.24	6.61	3.63	3.19	7.02	11.20	2.64	NM	NM
MW-7A	12/20/07	19	11.24	10/21/08	29	NA	9.02	NA	NA	2.22	6.80	8.997	71.5	0.37	15.09	NM	-135.10	0
MW-7A	12/20/07	19	11.24	11/20/08	29	NA	9.39	NA	NA	1.85	NM	NM	NM	NM	NM	NM	NM	NM
MW-7A	12/20/07	19	11.24	5/24/10	29	NA	8.09	NA	NA	3.15	6.77	4.68	285	NM	13.29	NM	-139.00	0
MW-7A	12/20/07	19	11.24	4/29/11	29	NA	8.74	NA	NA	2.50	6.87	9.21	52.7	1.04	12.79	NM	-128.00	0.1
MW-7A	12/20/07	19	11.24	4/9/12	30.57	NA	8.60	NA	NA	2.64	6.96	10.10	94.2	2.31	12.55	NM	-138.00	0
MW-7A	12/20/07	19	11.24	5/7/13	34.46	NA	8.77	NA	NA	2.47	7.11	9.92	43.1	0.56	18.25	NM	-162.00	0.1
MW-7A	12/20/07	19	11.24	5/19/14	30.45	NA	9.22	NA	NA	2.02	6.67	9.08	1.0	3.11	17.35	NM	-143.00	0
MW-7A	12/20/07	19	11.24	4/28/15	33.09	NA	11.55	NA	NA	-0.31	6.44	7.71	0.0	0.00	13.29	NM	-118.00	0
MW-7A	12/20/07	19.64	11.88	5/13/16	32.28	NA	9.63	NA	NA	2.25	6.94	10.22	12.8	0.69	13.10	NM	-135.30	0
MW-7A	12/20/07	19.64	11.88	6/5/18	32.28	NA	8.88	NA	NA	3.00	6.75	8.22	36.7	0.91	14.07	NM	-90.20	0
MW-7A	12/20/07	19.64	11.88	6/6/19	32.28	NA	9.40	NA	NA	2.48	6.79	0.76	21.0	0.00	17.18	NM	-100.00	0
MW-7A	12/20/07	19.64	11.88	6/30/20	32.00	NA	9.28	NA	NA	2.60	6.93	7.88	14.9	0.00	16.65	NM	-133.00	0
MW-9	01/04/07	15	9.22	11/26/07	28.75	NA	7.00	NA	NA	2.22	7.15	8.56	44.4	3.43	14.57	6.08	NM	NM

SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
HARBOR SQUARE CROSSINGS
1 WESTERLY ROAD, VILLAGE OF OSSINING, NEW YORK
NYSDEC BCP No. C360091
SESI CONSULTING ENGINEERS PROJECT # 7173

Legend:

* : Corrected depth to ground water = DTW - (t _p * ρ _r)	mV: Milli volts	ρ _r : Product Relative Density:
°C: Degrees Celcius	NA: Not available / applicable	t _p : Product Thickness
DTP: Depth to product	NM: Not measured	mg/L: Milli grams per liter
DTW: Depth to water	NTU: Nephelometric Turbidity Units	ms/cm: Milli Siemens per centimeter (mhos/cm)
EM: Equipment Malfunction	ppm: Parts per million	MSL: Mean sea level

Notes:

Monitoring wells MW-1, MW-1A, MW-3, MW-5, MW-6, MW-8 and MW-9, installed by S&W Redevelopment of North America, LLC, of Syracuse, NY, were either lost to construction activities or were abandoned on 12/12/2007.

LOW-FLOW GROUNDWATER SAMPLING LOG

Location: Ossining, NY		Job Number: 7173		WELL I.D. : MW-2A					
Personnel: JCS		Date: 6/30/2020							
		PID: 0							
Stickup? N	Distance From Rim to PVC	Total Depth of Well Rim/PVC	Depth to Product Rim/PVC	Depth to Water (Rim/PVC)	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		28		6.35	21.65	17	20		Peristaltic
Turbidity at collection (NTU):		8.5	(Less than 5 NTU is desirable)		Duplicate Collected? Yes			Filtered Sample N	
Stabilization Parameters		+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or within 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	Time (actual Time) 5 minute intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	850	19.38	8.83	5.02	12.58	-96	13.2	6.5	Slight Odor
	855	17.64	7.65	4.99	4.39	-141	8	9.31	Slight Odor
	900	18	7.57	4.88	3.43	-139	3.9	10.1	Slight Odor
	905	18.07	7.53	4.86	2.76	-137	1.3	11.28	Slight Odor
	910	18.04	7.51	4.84	2.16	-136	0.9	12.2	Slight Odor
	915	18.1	7.51	4.79	1.93	-137	0.5	13.2	Slight Odor
	920	18.55	7.52	4.76	1.51	-139	1.7	14.25	Slight Odor
	925	18.7	7.47	4.8	2.8	-133	19	14.9	Slight Odor
	930	18.88	7.47	4.84	2.65	-140	17.1	15.65	Slight Odor
	935	19.07	7.47	4.81	2.43	-145	1.9	16.32	Slight Odor
	940	19.2	7.47	4.8	2.29	-148	5.3	17.11	Slight Odor
	945	19.37	7.47	4.8	2.13	-149	3.4	17.75	Slight Odor
	950	19.5	7.47	4.83	1.91	-149	3.4	18.2	Slight Odor
	955	19.41	7.47	4.82	1.8	-149	7.6	19	Slight Odor
	1000	19.33	7.47	4.81	1.74	-149	5	19.2	Slight Odor
5	1005	19.6	7.47	4.78	1.71	-149	8.5	19.3	Slight Odor
Well Condition Summary									
Cover: Y		Bolts: Y		Concrete Pad OK: Y		Gripper: Y			
Sample Collection Information									
Sample Time:	1010	Appearance: Slight Yellow		Filtered Sample Turbidity:			OTHER:		
Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization. Notes/ Calculations: Volume? Linear Ft of well casing: 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.									
ABSORBENT SOCK									
Sock Length (ft) =		Capacity (Qt.) =		Present:		Y / N		Product Measured (Inches) :	
Sock Installation Date:				Sock Changed :		Y / N			
Sock Depth (Depth to sock mid point):									

[illegible]

ANALYTICAL REPORT

Job Number: 460-212426-1

Job Description: Harbor Square, Ossining

For:

SESI Consulting Engineers

12 A Maple Avenue

Building B

Pine Brook, NJ 07058

Attention: Joseph Scardino



Approved for release.
Omayra Penas
Senior Project Manager
7/9/2020 10:29 AM

Omayra Penas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(732)593-2538
Omayra.Penas@Eurofinset.com
07/09/2020

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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CASE NARRATIVE

Client: SESI Consulting Engineers

Project: Harbor Square, Ossining

Report Number: 460-212426-1

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 07/01/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.1 C.

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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples MW-2A (460-212426-1), MW-7A (460-212426-2), Dup (460-212426-3) and TB (460-212426-4) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 07/07/2020 and 07/08/2020.

The continuing calibration verification (CCV) analyzed in batch 460-706284 was outside the method criteria for the following analytes: Bromoform (bias high), Vinyl chloride, 1,2,3-Trichlorobenzene, Dichlorodifluoromethane and Chloromethane (bias 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 laboratory control sample duplicate (LCSD) for analytical batch 460-706284 recovered outside control limits for 1,2,3-Trichlorobenzene. The analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-706558 was outside the method criteria for the following analytes: Vinyl chloride, Dichlorodifluoromethane and Chloromethane. 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.

Different containers of sample and dup were analyzed. The results were inconsistent. All analysis are reported: MW-2A (460-212426-1) and Dup (460-212426-3).

The continuing calibration verification (CCV) analyzed in batch 460-706392 was outside the method criteria for the following analytes: 1,2,3-Trichlorobenzene and Chloromethane. 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 duplicate (LCSD) for analytical batch 460-706392 recovered outside control limit for 1,2,3-Trichlorobenzene. The analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

1,2,3-Trichlorobenzene was detected in method blank MB 460-706284/10 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.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-2A (460-212426-1), MW-7A (460-212426-2) and Dup (460-212426-3) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared and analyzed on 07/04/2020.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-705856 and analytical batch 460-705963 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Benzo[a]pyrene. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-705856 and analytical batch 460-705963 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Caprolactam.

The continuing calibration verification (CCV) analyzed in batch 460-705963 was outside the method criteria for the following analyte(s): 2-Nitroaniline and Benzaldehyde. 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.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-212426-1	MW-2A	Water	06/30/20 10:10	07/01/20 16:10	
460-212426-2	MW-7A	Water	06/30/20 11:35	07/01/20 16:10	
460-212426-3	Dup	Water	06/30/20 00:00	07/01/20 16:10	
460-212426-4	TB	Water	06/30/20 00:00	07/01/20 16:10	

Detection Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Lab Sample ID: 460-212426-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	7.7		5.0	4.4	ug/L	1			8260C	Total/NA
Benzene	5.5		1.0	0.20	ug/L	1			8260C	Total/NA
Isopropylbenzene	0.88	J	1.0	0.34	ug/L	1			8260C	Total/NA
Acetone - RA	7.9		5.0	4.4	ug/L	1			8260C	Total/NA
Benzene - RA	12		1.0	0.20	ug/L	1			8260C	Total/NA
Isopropylbenzene - RA	1.2		1.0	0.34	ug/L	1			8260C	Total/NA

Client Sample ID: MW-7A

Lab Sample ID: 460-212426-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	6.1		5.0	4.4	ug/L	1			8260C	Total/NA
MTBE	0.73	J	1.0	0.47	ug/L	1			8260C	Total/NA
Acenaphthene	38		10	1.1	ug/L	1			8270D	Total/NA
Anthracene	4.6	J	10	0.63	ug/L	1			8270D	Total/NA
Dibenzofuran	7.3	J	10	1.1	ug/L	1			8270D	Total/NA
Fluoranthene	5.0	J	10	0.84	ug/L	1			8270D	Total/NA
Fluorene	15		10	0.91	ug/L	1			8270D	Total/NA
Phenanthrene	20		10	0.58	ug/L	1			8270D	Total/NA
Pyrene	4.0	J	10	1.6	ug/L	1			8270D	Total/NA

Client Sample ID: Dup

Lab Sample ID: 460-212426-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	6.0		5.0	4.4	ug/L	1			8260C	Total/NA
Benzene	20		1.0	0.20	ug/L	1			8260C	Total/NA
Isopropylbenzene	1.1		1.0	0.34	ug/L	1			8260C	Total/NA
Acetone - RA	6.9		5.0	4.4	ug/L	1			8260C	Total/NA
Isopropylbenzene - RA	0.69	J	1.0	0.34	ug/L	1			8260C	Total/NA

Client Sample ID: TB

Lab Sample ID: 460-212426-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL EDI
5030C	Purge and Trap	SW846	TAL EDI

Protocol References:

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

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Lab Sample ID: 460-212426-1

Date Collected: 06/30/20 10:10

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 03:45	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 03:45	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 03:45	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 03:45	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 03:45	1
1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36	ug/L			07/07/20 03:45	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 03:45	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 03:45	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 03:45	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 03:45	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 03:45	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 03:45	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 03:45	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 03:45	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 03:45	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 03:45	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 03:45	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 03:45	1
Acetone	7.7		5.0	4.4	ug/L			07/07/20 03:45	1
Benzene	5.5		1.0	0.20	ug/L			07/07/20 03:45	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 03:45	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 03:45	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 03:45	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 03:45	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 03:45	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 03:45	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 03:45	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 03:45	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 03:45	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 03:45	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 03:45	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 03:45	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 03:45	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 03:45	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 03:45	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 03:45	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 03:45	1
Isopropylbenzene	0.88	J	1.0	0.34	ug/L			07/07/20 03:45	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 03:45	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 03:45	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 03:45	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 03:45	1
MTBE	0.47	U	1.0	0.47	ug/L			07/07/20 03:45	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 03:45	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 03:45	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 03:45	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 03:45	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 03:45	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 03:45	1

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Lab Sample ID: 460-212426-1

Date Collected: 06/30/20 10:10

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 03:45	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 03:45	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 03:45	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	18	J N	ug/L		9.52	496-11-7		07/07/20 03:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		75 - 123		07/07/20 03:45	1
Bromofluorobenzene	99		76 - 120		07/07/20 03:45	1
Dibromofluoromethane (Surr)	94		77 - 124		07/07/20 03:45	1
Toluene-d8 (Surr)	94		80 - 120		07/07/20 03:45	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/08/20 00:10	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/08/20 00:10	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/08/20 00:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/08/20 00:10	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/08/20 00:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/08/20 00:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/08/20 00:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/08/20 00:10	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/08/20 00:10	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/08/20 00:10	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/08/20 00:10	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/08/20 00:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/08/20 00:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/08/20 00:10	1
1,4-Dioxane	28	U	50	28	ug/L			07/08/20 00:10	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/08/20 00:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/08/20 00:10	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/08/20 00:10	1
Acetone	7.9		5.0	4.4	ug/L			07/08/20 00:10	1
Benzene	12		1.0	0.20	ug/L			07/08/20 00:10	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/08/20 00:10	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/08/20 00:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/08/20 00:10	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/08/20 00:10	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/08/20 00:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/08/20 00:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/08/20 00:10	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/08/20 00:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/08/20 00:10	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/08/20 00:10	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/08/20 00:10	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/08/20 00:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/08/20 00:10	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/08/20 00:10	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/08/20 00:10	1

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Lab Sample ID: 460-212426-1

Date Collected: 06/30/20 10:10

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/08/20 00:10	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/08/20 00:10	1
Isopropylbenzene	1.2		1.0	0.34	ug/L			07/08/20 00:10	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/08/20 00:10	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/08/20 00:10	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/08/20 00:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/08/20 00:10	1
MTBE	0.47	U	1.0	0.47	ug/L			07/08/20 00:10	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/08/20 00:10	1
Styrene	0.42	U	1.0	0.42	ug/L			07/08/20 00:10	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/08/20 00:10	1
Toluene	0.38	U	1.0	0.38	ug/L			07/08/20 00:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/08/20 00:10	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/08/20 00:10	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/08/20 00:10	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/08/20 00:10	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/08/20 00:10	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	20	J N	ug/L		11.07	496-11-7		07/08/20 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 123		07/08/20 00:10	1
Bromofluorobenzene	110		76 - 120		07/08/20 00:10	1
Dibromofluoromethane (Surr)	103		77 - 124		07/08/20 00:10	1
Toluene-d8 (Surr)	96		80 - 120		07/08/20 00:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4,6-Trichlorophenol	0.86	U	10	0.86	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4-Dinitrophenol	14	U	20	14	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Chlorophenol	0.38	U	10	0.38	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Methylphenol	0.67	U	10	0.67	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		07/04/20 07:59	07/04/20 22:42	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 22:42	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 22:42	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 22:42	1
4,6-Dinitro-2-methylphenol	13	U	20	13	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Chloro-3-methylphenol	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 22:42	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Lab Sample ID: 460-212426-1

Date Collected: 06/30/20 10:10

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Methylphenol	0.65	U	10	0.65	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 22:42	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		07/04/20 07:59	07/04/20 22:42	1
Acenaphthene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
Acenaphthylene	0.82	U	10	0.82	ug/L		07/04/20 07:59	07/04/20 22:42	1
Acetophenone	2.3	U	10	2.3	ug/L		07/04/20 07:59	07/04/20 22:42	1
Anthracene	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 22:42	1
Atrazine	1.3	U **1	2.0	1.3	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzaldehyde	2.1	U **1	10	2.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzo[a]pyrene	0.41	U *	1.0	0.41	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 22:42	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		07/04/20 07:59	07/04/20 22:42	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		07/04/20 07:59	07/04/20 22:42	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		07/04/20 07:59	07/04/20 22:42	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		07/04/20 07:59	07/04/20 22:42	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		07/04/20 07:59	07/04/20 22:42	1
Caprolactam	0.68	U *1	10	0.68	ug/L		07/04/20 07:59	07/04/20 22:42	1
Carbazole	0.68	U	10	0.68	ug/L		07/04/20 07:59	07/04/20 22:42	1
Chrysene	0.91	U	2.0	0.91	ug/L		07/04/20 07:59	07/04/20 22:42	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		07/04/20 07:59	07/04/20 22:42	1
Dibenzofuran	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		07/04/20 07:59	07/04/20 22:42	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		07/04/20 07:59	07/04/20 22:42	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 22:42	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		07/04/20 07:59	07/04/20 22:42	1
Diphenyl	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 22:42	1
Fluoranthene	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 22:42	1
Fluorene	0.91	U	10	0.91	ug/L		07/04/20 07:59	07/04/20 22:42	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		07/04/20 07:59	07/04/20 22:42	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		07/04/20 07:59	07/04/20 22:42	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		07/04/20 07:59	07/04/20 22:42	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		07/04/20 07:59	07/04/20 22:42	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		07/04/20 07:59	07/04/20 22:42	1
Isophorone	0.80	U	10	0.80	ug/L		07/04/20 07:59	07/04/20 22:42	1
Naphthalene	1.1	U	2.0	1.1	ug/L		07/04/20 07:59	07/04/20 22:42	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		07/04/20 07:59	07/04/20 22:42	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		07/04/20 07:59	07/04/20 22:42	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		07/04/20 07:59	07/04/20 22:42	1
Pentachlorophenol	1.4	U	20	1.4	ug/L		07/04/20 07:59	07/04/20 22:42	1
Phenanthrene	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 22:42	1
Phenol	0.29	U	10	0.29	ug/L		07/04/20 07:59	07/04/20 22:42	1
Pyrene	1.6	U	10	1.6	ug/L		07/04/20 07:59	07/04/20 22:42	1
2,3,7,8-TCDD	1.0	U	1.0	1.0	ug/L		07/04/20 07:59	07/04/20 22:42	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	7.5	J N	ug/L		3.80	496-11-7	07/04/20 07:59	07/04/20 22:42	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Date Collected: 06/30/20 10:10

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-1

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		36 - 159	07/04/20 07:59	07/04/20 22:42	1
2-Fluorobiphenyl	84		42 - 127	07/04/20 07:59	07/04/20 22:42	1
2-Fluorophenol	43		18 - 72	07/04/20 07:59	07/04/20 22:42	1
Nitrobenzene-d5	82		46 - 137	07/04/20 07:59	07/04/20 22:42	1
Phenol-d5	28		10 - 50	07/04/20 07:59	07/04/20 22:42	1
Terphenyl-d14	105		39 - 150	07/04/20 07:59	07/04/20 22:42	1

Client Sample ID: MW-7A

Date Collected: 06/30/20 11:35

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 04:09	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 04:09	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 04:09	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 04:09	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 04:09	1
1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36	ug/L			07/07/20 04:09	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 04:09	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 04:09	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 04:09	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 04:09	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 04:09	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 04:09	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 04:09	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 04:09	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 04:09	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 04:09	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 04:09	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 04:09	1
Acetone	6.1		5.0	4.4	ug/L			07/07/20 04:09	1
Benzene	0.20	U	1.0	0.20	ug/L			07/07/20 04:09	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 04:09	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 04:09	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 04:09	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 04:09	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 04:09	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 04:09	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 04:09	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 04:09	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 04:09	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 04:09	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 04:09	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 04:09	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 04:09	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 04:09	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 04:09	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 04:09	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 04:09	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-7A

Lab Sample ID: 460-212426-2

Date Collected: 06/30/20 11:35

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/07/20 04:09	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 04:09	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 04:09	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 04:09	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 04:09	1
MTBE	0.73	J	1.0	0.47	ug/L			07/07/20 04:09	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 04:09	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 04:09	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 04:09	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 04:09	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 04:09	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 04:09	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 04:09	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 04:09	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 04:09	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	9.1	J N	ug/L		9.52	496-11-7		07/07/20 04:09	1
Benzene, (1-methyl-1-propenyl)-, (E)-	6.7	J N	ug/L		10.42	768-00-3		07/07/20 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 123		07/07/20 04:09	1
Bromofluorobenzene	108		76 - 120		07/07/20 04:09	1
Dibromofluoromethane (Surr)	100		77 - 124		07/07/20 04:09	1
Toluene-d8 (Surr)	101		80 - 120		07/07/20 04:09	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4,6-Trichlorophenol	0.86	U	10	0.86	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4-Dinitrophenol	14	U	20	14	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Chlorophenol	0.38	U	10	0.38	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Methylphenol	0.67	U	10	0.67	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		07/04/20 07:59	07/04/20 23:03	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:03	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 23:03	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 23:03	1
4,6-Dinitro-2-methylphenol	13	U	20	13	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Chloro-3-methylphenol	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 23:03	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-7A

Lab Sample ID: 460-212426-2

Date Collected: 06/30/20 11:35

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Methylphenol	0.65	U	10	0.65	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:03	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		07/04/20 07:59	07/04/20 23:03	1
Acenaphthene	38		10	1.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
Acenaphthylene	0.82	U	10	0.82	ug/L		07/04/20 07:59	07/04/20 23:03	1
Acetophenone	2.3	U	10	2.3	ug/L		07/04/20 07:59	07/04/20 23:03	1
Anthracene	4.6 J		10	0.63	ug/L		07/04/20 07:59	07/04/20 23:03	1
Atrazine	1.3	U ** 1	2.0	1.3	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzaldehyde	2.1	U ** 1	10	2.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzo[a]pyrene	0.41	U *	1.0	0.41	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 23:03	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		07/04/20 07:59	07/04/20 23:03	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		07/04/20 07:59	07/04/20 23:03	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		07/04/20 07:59	07/04/20 23:03	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		07/04/20 07:59	07/04/20 23:03	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		07/04/20 07:59	07/04/20 23:03	1
Caprolactam	0.68	U * 1	10	0.68	ug/L		07/04/20 07:59	07/04/20 23:03	1
Carbazole	0.68	U	10	0.68	ug/L		07/04/20 07:59	07/04/20 23:03	1
Chrysene	0.91	U	2.0	0.91	ug/L		07/04/20 07:59	07/04/20 23:03	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		07/04/20 07:59	07/04/20 23:03	1
Dibenzofuran	7.3 J		10	1.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		07/04/20 07:59	07/04/20 23:03	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		07/04/20 07:59	07/04/20 23:03	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 23:03	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		07/04/20 07:59	07/04/20 23:03	1
Diphenyl	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:03	1
Fluoranthene	5.0 J		10	0.84	ug/L		07/04/20 07:59	07/04/20 23:03	1
Fluorene	15		10	0.91	ug/L		07/04/20 07:59	07/04/20 23:03	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		07/04/20 07:59	07/04/20 23:03	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		07/04/20 07:59	07/04/20 23:03	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		07/04/20 07:59	07/04/20 23:03	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		07/04/20 07:59	07/04/20 23:03	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		07/04/20 07:59	07/04/20 23:03	1
Isophorone	0.80	U	10	0.80	ug/L		07/04/20 07:59	07/04/20 23:03	1
Naphthalene	1.1	U	2.0	1.1	ug/L		07/04/20 07:59	07/04/20 23:03	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		07/04/20 07:59	07/04/20 23:03	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		07/04/20 07:59	07/04/20 23:03	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		07/04/20 07:59	07/04/20 23:03	1
Pentachlorophenol	1.4	U	20	1.4	ug/L		07/04/20 07:59	07/04/20 23:03	1
Phenanthrene	20		10	0.58	ug/L		07/04/20 07:59	07/04/20 23:03	1
Phenol	0.29	U	10	0.29	ug/L		07/04/20 07:59	07/04/20 23:03	1
Pyrene	4.0 J		10	1.6	ug/L		07/04/20 07:59	07/04/20 23:03	1
2,3,7,8-TCDD	1.0	U	1.0	1.0	ug/L		07/04/20 07:59	07/04/20 23:03	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				07/04/20 07:59	07/04/20 23:03	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-7A

Date Collected: 06/30/20 11:35

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	120		36 - 159	07/04/20 07:59	07/04/20 23:03	1
2-Fluorobiphenyl	103		42 - 127	07/04/20 07:59	07/04/20 23:03	1
2-Fluorophenol	53		18 - 72	07/04/20 07:59	07/04/20 23:03	1
Nitrobenzene-d5	100		46 - 137	07/04/20 07:59	07/04/20 23:03	1
Phenol-d5	35		10 - 50	07/04/20 07:59	07/04/20 23:03	1
Terphenyl-d14	111		39 - 150	07/04/20 07:59	07/04/20 23:03	1

Client Sample ID: Dup

Date Collected: 06/30/20 00:00

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 04:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 04:32	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 04:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 04:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 04:32	1
1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36	ug/L			07/07/20 04:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 04:32	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 04:32	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 04:32	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 04:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 04:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 04:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 04:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 04:32	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 04:32	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 04:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 04:32	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 04:32	1
Acetone	6.0		5.0	4.4	ug/L			07/07/20 04:32	1
Benzene	20		1.0	0.20	ug/L			07/07/20 04:32	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 04:32	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 04:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 04:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 04:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 04:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 04:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 04:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 04:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 04:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 04:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 04:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 04:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 04:32	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 04:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 04:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 04:32	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 04:32	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: Dup

Lab Sample ID: 460-212426-3

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	1.1		1.0	0.34	ug/L			07/07/20 04:32	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 04:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 04:32	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 04:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 04:32	1
MTBE	0.47	U	1.0	0.47	ug/L			07/07/20 04:32	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 04:32	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 04:32	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 04:32	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 04:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 04:32	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 04:32	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 04:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 04:32	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 04:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	22	J N	ug/L		9.52	496-11-7		07/07/20 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 123		07/07/20 04:32	1
Bromofluorobenzene	103		76 - 120		07/07/20 04:32	1
Dibromofluoromethane (Surr)	95		77 - 124		07/07/20 04:32	1
Toluene-d8 (Surr)	95		80 - 120		07/07/20 04:32	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/08/20 00:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/08/20 00:34	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/08/20 00:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/08/20 00:34	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/08/20 00:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/08/20 00:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/08/20 00:34	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/08/20 00:34	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/08/20 00:34	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/08/20 00:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/08/20 00:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/08/20 00:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/08/20 00:34	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/08/20 00:34	1
1,4-Dioxane	28	U	50	28	ug/L			07/08/20 00:34	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/08/20 00:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/08/20 00:34	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/08/20 00:34	1
Acetone	6.9		5.0	4.4	ug/L			07/08/20 00:34	1
Benzene	0.20	U	1.0	0.20	ug/L			07/08/20 00:34	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/08/20 00:34	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/08/20 00:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/08/20 00:34	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: Dup

Lab Sample ID: 460-212426-3

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	0.55	U	1.0	0.55	ug/L			07/08/20 00:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/08/20 00:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/08/20 00:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/08/20 00:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/08/20 00:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/08/20 00:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/08/20 00:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/08/20 00:34	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/08/20 00:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/08/20 00:34	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/08/20 00:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/08/20 00:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/08/20 00:34	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/08/20 00:34	1
Isopropylbenzene	0.69	J	1.0	0.34	ug/L			07/08/20 00:34	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/08/20 00:34	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/08/20 00:34	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/08/20 00:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/08/20 00:34	1
MTBE	0.47	U	1.0	0.47	ug/L			07/08/20 00:34	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/08/20 00:34	1
Styrene	0.42	U	1.0	0.42	ug/L			07/08/20 00:34	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/08/20 00:34	1
Toluene	0.38	U	1.0	0.38	ug/L			07/08/20 00:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/08/20 00:34	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/08/20 00:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/08/20 00:34	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/08/20 00:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/08/20 00:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	20	J N	ug/L		11.07	496-11-7		07/08/20 00:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 123		07/08/20 00:34	1
Bromofluorobenzene	110		76 - 120		07/08/20 00:34	1
Dibromofluoromethane (Surr)	103		77 - 124		07/08/20 00:34	1
Toluene-d8 (Surr)	97		80 - 120		07/08/20 00:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4,6-Trichlorophenol	0.86	U	10	0.86	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4-Dinitrophenol	14	U	20	14	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		07/04/20 07:59	07/04/20 23:24	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: Dup

Lab Sample ID: 460-212426-3

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Chlorophenol	0.38	U	10	0.38	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Methylphenol	0.67	U	10	0.67	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		07/04/20 07:59	07/04/20 23:24	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:24	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 23:24	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 23:24	1
4,6-Dinitro-2-methylphenol	13	U	20	13	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Chloro-3-methylphenol	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Methylphenol	0.65	U	10	0.65	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:24	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		07/04/20 07:59	07/04/20 23:24	1
Acenaphthene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
Acenaphthylene	0.82	U	10	0.82	ug/L		07/04/20 07:59	07/04/20 23:24	1
Acetophenone	2.3	U	10	2.3	ug/L		07/04/20 07:59	07/04/20 23:24	1
Anthracene	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 23:24	1
Atrazine	1.3	U * *1	2.0	1.3	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzaldehyde	2.1	U * *1	10	2.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzo[a]pyrene	0.41	U *	1.0	0.41	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 23:24	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		07/04/20 07:59	07/04/20 23:24	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		07/04/20 07:59	07/04/20 23:24	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		07/04/20 07:59	07/04/20 23:24	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		07/04/20 07:59	07/04/20 23:24	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		07/04/20 07:59	07/04/20 23:24	1
Caprolactam	0.68	U *1	10	0.68	ug/L		07/04/20 07:59	07/04/20 23:24	1
Carbazole	0.68	U	10	0.68	ug/L		07/04/20 07:59	07/04/20 23:24	1
Chrysene	0.91	U	2.0	0.91	ug/L		07/04/20 07:59	07/04/20 23:24	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		07/04/20 07:59	07/04/20 23:24	1
Dibenzofuran	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		07/04/20 07:59	07/04/20 23:24	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		07/04/20 07:59	07/04/20 23:24	1
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 23:24	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		07/04/20 07:59	07/04/20 23:24	1
Diphenyl	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 23:24	1
Fluoranthene	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 23:24	1
Fluorene	0.91	U	10	0.91	ug/L		07/04/20 07:59	07/04/20 23:24	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		07/04/20 07:59	07/04/20 23:24	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		07/04/20 07:59	07/04/20 23:24	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		07/04/20 07:59	07/04/20 23:24	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		07/04/20 07:59	07/04/20 23:24	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		07/04/20 07:59	07/04/20 23:24	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: Dup

Lab Sample ID: 460-212426-3

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	0.80	U	10	0.80	ug/L		07/04/20 07:59	07/04/20 23:24	1
Naphthalene	1.1	U	2.0	1.1	ug/L		07/04/20 07:59	07/04/20 23:24	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		07/04/20 07:59	07/04/20 23:24	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		07/04/20 07:59	07/04/20 23:24	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		07/04/20 07:59	07/04/20 23:24	1
Pentachlorophenol	1.4	U	20	1.4	ug/L		07/04/20 07:59	07/04/20 23:24	1
Phenanthrene	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 23:24	1
Phenol	0.29	U	10	0.29	ug/L		07/04/20 07:59	07/04/20 23:24	1
Pyrene	1.6	U	10	1.6	ug/L		07/04/20 07:59	07/04/20 23:24	1
2,3,7,8-TCDD	1.0	U	1.0	1.0	ug/L		07/04/20 07:59	07/04/20 23:24	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Indane	9.3	J N	ug/L		3.80	496-11-7	07/04/20 07:59	07/04/20 23:24	1
o-Tolylacetic acid	6.5	J N	ug/L		5.87	644-36-0	07/04/20 07:59	07/04/20 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		36 - 159	07/04/20 07:59	07/04/20 23:24	1
2-Fluorobiphenyl	92		42 - 127	07/04/20 07:59	07/04/20 23:24	1
2-Fluorophenol	43		18 - 72	07/04/20 07:59	07/04/20 23:24	1
Nitrobenzene-d5	90		46 - 137	07/04/20 07:59	07/04/20 23:24	1
Phenol-d5	28		10 - 50	07/04/20 07:59	07/04/20 23:24	1
Terphenyl-d14	110		39 - 150	07/04/20 07:59	07/04/20 23:24	1

Client Sample ID: TB

Lab Sample ID: 460-212426-4

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 13:30	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 13:30	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 13:30	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 13:30	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 13:30	1
1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36	ug/L			07/07/20 13:30	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 13:30	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 13:30	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 13:30	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 13:30	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 13:30	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 13:30	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 13:30	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 13:30	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 13:30	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 13:30	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 13:30	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 13:30	1
Acetone	4.4	U	5.0	4.4	ug/L			07/07/20 13:30	1
Benzene	0.20	U	1.0	0.20	ug/L			07/07/20 13:30	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 13:30	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: TB

Lab Sample ID: 460-212426-4

Date Collected: 06/30/20 00:00

Matrix: Water

Date Received: 07/01/20 16:10

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 13:30	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 13:30	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 13:30	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 13:30	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 13:30	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 13:30	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 13:30	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 13:30	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 13:30	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 13:30	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 13:30	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 13:30	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 13:30	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 13:30	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 13:30	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 13:30	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/07/20 13:30	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 13:30	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 13:30	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 13:30	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 13:30	1
MTBE	0.47	U	1.0	0.47	ug/L			07/07/20 13:30	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 13:30	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 13:30	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 13:30	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 13:30	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 13:30	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 13:30	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 13:30	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 13:30	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 13:30	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/07/20 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 123		07/07/20 13:30	1
Bromofluorobenzene	106		76 - 120		07/07/20 13:30	1
Dibromofluoromethane (Surr)	101		77 - 124		07/07/20 13:30	1
Toluene-d8 (Surr)	100		80 - 120		07/07/20 13:30	1

Surrogate Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-123)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-212426-1	MW-2A	85	99	94	94
460-212426-1 - RA	MW-2A	92	110	103	96
460-212426-2	MW-7A	96	108	100	101
460-212426-3	Dup	89	103	95	95
460-212426-3 - RA	Dup	93	110	103	97
460-212426-4	TB	95	106	101	100
LCS 460-706284/4	Lab Control Sample	85	100	93	93
LCS 460-706392/4	Lab Control Sample	88	103	100	97
LCS 460-706558/5	Lab Control Sample	90	109	99	97
LCSD 460-706284/6	Lab Control Sample Dup	91	102	95	99
LCSD 460-706392/5	Lab Control Sample Dup	93	105	100	99
LCSD 460-706558/6	Lab Control Sample Dup	90	111	99	98
MB 460-706284/10	Method Blank	89	102	93	93
MB 460-706392/9	Method Blank	91	104	96	97
MB 460-706558/9	Method Blank	90	105	103	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (36-159)	FBP (42-127)	2FP (18-72)	NBZ (46-137)	PHL (10-50)	TPHL (39-150)
460-212426-1	MW-2A	97	84	43	82	28	105
460-212426-2	MW-7A	120	103	53	100	35	111
460-212426-3	Dup	101	92	43	90	28	110
LCS 460-705856/2-A	Lab Control Sample	119	100	53	94	36	122
LCSD 460-705856/3-A	Lab Control Sample Dup	128	108	55	102	36	131
MB 460-705856/1-A	Method Blank	118	96	52	95	36	126

Surrogate Legend

TBP = 2,4,6-Tribromophenol

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

TPHL = Terphenyl-d14

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-706284/10

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/06/20 22:13	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/06/20 22:13	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/06/20 22:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/06/20 22:13	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/06/20 22:13	1
1,2,3-Trichlorobenzene	0.457	J	1.0	0.36	ug/L			07/06/20 22:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/06/20 22:13	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/06/20 22:13	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/06/20 22:13	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/06/20 22:13	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/06/20 22:13	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/06/20 22:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/06/20 22:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/06/20 22:13	1
1,4-Dioxane	28	U	50	28	ug/L			07/06/20 22:13	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/06/20 22:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/06/20 22:13	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/06/20 22:13	1
Acetone	4.4	U	5.0	4.4	ug/L			07/06/20 22:13	1
Benzene	0.20	U	1.0	0.20	ug/L			07/06/20 22:13	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/06/20 22:13	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/06/20 22:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/06/20 22:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/06/20 22:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/06/20 22:13	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/06/20 22:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/06/20 22:13	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/06/20 22:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/06/20 22:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/06/20 22:13	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/06/20 22:13	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/06/20 22:13	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/06/20 22:13	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/06/20 22:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/06/20 22:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/06/20 22:13	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/06/20 22:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/06/20 22:13	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/06/20 22:13	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/06/20 22:13	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/06/20 22:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/06/20 22:13	1
MTBE	0.47	U	1.0	0.47	ug/L			07/06/20 22:13	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/06/20 22:13	1
Styrene	0.42	U	1.0	0.42	ug/L			07/06/20 22:13	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/06/20 22:13	1
Toluene	0.38	U	1.0	0.38	ug/L			07/06/20 22:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/06/20 22:13	1

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-706284/10

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/06/20 22:13	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/06/20 22:13	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/06/20 22:13	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/06/20 22:13	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/06/20 22:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 123		07/06/20 22:13	1
Bromofluorobenzene	102		76 - 120		07/06/20 22:13	1
Dibromofluoromethane (Surr)	93		77 - 124		07/06/20 22:13	1
Toluene-d8 (Surr)	93		80 - 120		07/06/20 22:13	1

Lab Sample ID: LCS 460-706284/4

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.9		ug/L		105	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.9		ug/L		94	63 - 139
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	18.7		ug/L		93	73 - 130
1,1-Dichloroethene	20.0	18.7		ug/L		94	68 - 133
1,2,3-Trichlorobenzene	20.0	30.9	*	ug/L		154	53 - 144
1,2,4-Trichlorobenzene	20.0	24.3		ug/L		121	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	19.4		ug/L		97	41 - 143
1,2-Dibromoethane	20.0	21.8		ug/L		109	69 - 126
1,2-Dichlorobenzene	20.0	21.2		ug/L		106	79 - 122
1,2-Dichloroethane	20.0	19.1		ug/L		96	75 - 121
1,2-Dichloropropane	20.0	19.2		ug/L		96	76 - 126
1,3-Dichlorobenzene	20.0	20.9		ug/L		105	80 - 121
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 118
1,4-Dioxane	400	440		ug/L		110	70 - 142
2-Butanone	100	110		ug/L		110	69 - 128
2-Hexanone	100	104		ug/L		104	74 - 127
4-Methyl-2-pentanone	100	111		ug/L		111	78 - 125
Acetone	100	85.9		ug/L		86	61 - 134
Benzene	20.0	19.7		ug/L		99	78 - 126
Bromochloromethane	20.0	21.4		ug/L		107	73 - 126
Bromodichloromethane	20.0	21.4		ug/L		107	72 - 121
Bromoform	20.0	26.4		ug/L		132	38 - 144
Bromomethane	20.0	18.7		ug/L		94	10 - 150
Carbon disulfide	20.0	19.6		ug/L		98	64 - 138
Carbon tetrachloride	20.0	25.0		ug/L		125	56 - 131
Chlorobenzene	20.0	21.0		ug/L		105	80 - 119
Chloroethane	20.0	17.0		ug/L		85	29 - 150
Chloroform	20.0	20.2		ug/L		101	78 - 125

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-706284/4

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	13.8		ug/L		69	38 - 150
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	74 - 125
Cyclohexane	20.0	20.2		ug/L		101	67 - 133
Dibromochloromethane	20.0	23.1		ug/L		115	58 - 130
Dichlorodifluoromethane	20.0	10.6		ug/L		53	31 - 150
Ethylbenzene	20.0	19.7		ug/L		98	78 - 120
Freon TF	20.0	20.2		ug/L		101	59 - 142
Isopropylbenzene	20.0	20.5		ug/L		102	79 - 125
m&p-Xylene	20.0	20.3		ug/L		101	78 - 123
Methyl acetate	40.0	31.7		ug/L		79	70 - 127
Methylcyclohexane	20.0	22.3		ug/L		111	60 - 139
Methylene Chloride	20.0	18.9		ug/L		95	74 - 127
MTBE	20.0	21.3		ug/L		107	65 - 131
o-Xylene	20.0	20.3		ug/L		102	78 - 122
Styrene	20.0	20.7		ug/L		104	75 - 127
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 127
Toluene	20.0	20.6		ug/L		103	78 - 119
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	74 - 126
trans-1,3-Dichloropropene	20.0	25.0		ug/L		125	66 - 127
Trichloroethene	20.0	19.3		ug/L		97	71 - 121
Trichlorofluoromethane	20.0	18.5		ug/L		92	61 - 140
Vinyl chloride	20.0	15.7		ug/L		79	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 123
Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	93		77 - 124
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: LCSD 460-706284/6

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	21.6		ug/L		108	68 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		103	63 - 139	8	30
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	74 - 125	3	30
1,1-Dichloroethane	20.0	19.0		ug/L		95	73 - 130	2	30
1,1-Dichloroethene	20.0	19.4		ug/L		97	68 - 133	3	30
1,2,3-Trichlorobenzene	20.0	33.7 *		ug/L		168	53 - 144	9	30
1,2,4-Trichlorobenzene	20.0	24.8		ug/L		124	64 - 132	2	30
1,2-Dibromo-3-Chloropropane	20.0	21.1		ug/L		105	41 - 143	8	30
1,2-Dibromoethane	20.0	22.9		ug/L		115	69 - 126	5	30
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	79 - 122	1	30
1,2-Dichloroethane	20.0	19.3		ug/L		96	75 - 121	1	30
1,2-Dichloropropane	20.0	19.2		ug/L		96	76 - 126	0	30
1,3-Dichlorobenzene	20.0	21.3		ug/L		106	80 - 121	2	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-706284/6

Matrix: Water

Analysis Batch: 706284

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	21.1		ug/L		106	80 - 118	1	30
1,4-Dioxane	400	444		ug/L		111	70 - 142	1	30
2-Butanone	100	109		ug/L		109	69 - 128	1	30
2-Hexanone	100	103		ug/L		103	74 - 127	1	30
4-Methyl-2-pentanone	100	110		ug/L		110	78 - 125	1	30
Acetone	100	88.1		ug/L		88	61 - 134	3	30
Benzene	20.0	20.5		ug/L		102	78 - 126	4	30
Bromochloromethane	20.0	21.2		ug/L		106	73 - 126	1	30
Bromodichloromethane	20.0	20.5		ug/L		102	72 - 121	4	30
Bromoform	20.0	26.7		ug/L		133	38 - 144	1	30
Bromomethane	20.0	17.6		ug/L		88	10 - 150	6	30
Carbon disulfide	20.0	19.8		ug/L		99	64 - 138	1	30
Carbon tetrachloride	20.0	24.9		ug/L		124	56 - 131	0	30
Chlorobenzene	20.0	21.4		ug/L		107	80 - 119	1	30
Chloroethane	20.0	16.6		ug/L		83	29 - 150	3	30
Chloroform	20.0	19.7		ug/L		98	78 - 125	3	30
Chloromethane	20.0	13.9		ug/L		69	38 - 150	0	30
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	78 - 121	0	30
cis-1,3-Dichloropropene	20.0	22.6		ug/L		113	74 - 125	5	30
Cyclohexane	20.0	20.1		ug/L		101	67 - 133	1	30
Dibromochloromethane	20.0	24.1		ug/L		120	58 - 130	4	30
Dichlorodifluoromethane	20.0	11.0		ug/L		55	31 - 150	3	30
Ethylbenzene	20.0	20.2		ug/L		101	78 - 120	3	30
Freon TF	20.0	21.3		ug/L		107	59 - 142	5	30
Isopropylbenzene	20.0	20.6		ug/L		103	79 - 125	0	30
m&p-Xylene	20.0	20.5		ug/L		103	78 - 123	1	30
Methyl acetate	40.0	34.7		ug/L		87	70 - 127	9	30
Methylcyclohexane	20.0	22.0		ug/L		110	60 - 139	1	30
Methylene Chloride	20.0	19.1		ug/L		96	74 - 127	1	30
MTBE	20.0	21.2		ug/L		106	65 - 131	1	30
o-Xylene	20.0	20.9		ug/L		104	78 - 122	3	30
Styrene	20.0	21.6		ug/L		108	75 - 127	4	30
Tetrachloroethene	20.0	20.7		ug/L		104	70 - 127	3	30
Toluene	20.0	20.6		ug/L		103	78 - 119	0	30
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	74 - 126	3	30
trans-1,3-Dichloropropene	20.0	25.1		ug/L		125	66 - 127	0	30
Trichloroethene	20.0	19.1		ug/L		96	71 - 121	1	30
Trichlorofluoromethane	20.0	18.1		ug/L		90	61 - 140	2	30
Vinyl chloride	20.0	15.8		ug/L		79	61 - 144	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		75 - 123
Bromofluorobenzene	102		76 - 120
Dibromofluoromethane (Surr)	95		77 - 124
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-706392/9

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 11:55	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 11:55	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 11:55	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 11:55	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 11:55	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/07/20 11:55	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 11:55	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 11:55	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 11:55	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 11:55	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 11:55	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 11:55	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 11:55	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 11:55	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 11:55	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 11:55	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 11:55	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 11:55	1
Acetone	4.4	U	5.0	4.4	ug/L			07/07/20 11:55	1
Benzene	0.20	U	1.0	0.20	ug/L			07/07/20 11:55	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 11:55	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 11:55	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 11:55	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 11:55	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 11:55	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 11:55	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 11:55	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 11:55	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 11:55	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 11:55	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 11:55	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 11:55	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 11:55	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 11:55	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 11:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 11:55	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 11:55	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/07/20 11:55	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 11:55	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 11:55	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 11:55	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 11:55	1
MTBE	0.47	U	1.0	0.47	ug/L			07/07/20 11:55	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 11:55	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 11:55	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 11:55	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 11:55	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 11:55	1

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-706392/9

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 11:55	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 11:55	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 11:55	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 11:55	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/07/20 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 123		07/07/20 11:55	1
Bromofluorobenzene	104		76 - 120		07/07/20 11:55	1
Dibromofluoromethane (Surr)	96		77 - 124		07/07/20 11:55	1
Toluene-d8 (Surr)	97		80 - 120		07/07/20 11:55	1

Lab Sample ID: LCS 460-706392/4

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.7		ug/L		93	68 - 128
1,1,2,2-Tetrachloroethane	20.0	16.8		ug/L		84	63 - 139
1,1,2-Trichloroethane	20.0	17.3		ug/L		87	74 - 125
1,1-Dichloroethane	20.0	17.2		ug/L		86	73 - 130
1,1-Dichloroethene	20.0	17.2		ug/L		86	68 - 133
1,2,3-Trichlorobenzene	20.0	27.2		ug/L		136	53 - 144
1,2,4-Trichlorobenzene	20.0	20.9		ug/L		105	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.7		ug/L		89	41 - 143
1,2-Dibromoethane	20.0	19.3		ug/L		96	69 - 126
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	79 - 122
1,2-Dichloroethane	20.0	17.8		ug/L		89	75 - 121
1,2-Dichloropropane	20.0	17.0		ug/L		85	76 - 126
1,3-Dichlorobenzene	20.0	18.1		ug/L		91	80 - 121
1,4-Dichlorobenzene	20.0	17.8		ug/L		89	80 - 118
1,4-Dioxane	400	384		ug/L		96	70 - 142
2-Butanone	100	100		ug/L		100	69 - 128
2-Hexanone	100	92.2		ug/L		92	74 - 127
4-Methyl-2-pentanone	100	97.5		ug/L		98	78 - 125
Acetone	100	73.0		ug/L		73	61 - 134
Benzene	20.0	17.8		ug/L		89	78 - 126
Bromochloromethane	20.0	19.5		ug/L		97	73 - 126
Bromodichloromethane	20.0	18.3		ug/L		92	72 - 121
Bromoform	20.0	22.9		ug/L		115	38 - 144
Bromomethane	20.0	18.6		ug/L		93	10 - 150
Carbon disulfide	20.0	16.4		ug/L		82	64 - 138
Carbon tetrachloride	20.0	22.0		ug/L		110	56 - 131
Chlorobenzene	20.0	19.2		ug/L		96	80 - 119
Chloroethane	20.0	17.2		ug/L		86	29 - 150
Chloroform	20.0	17.9		ug/L		90	78 - 125

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-706392/4

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	14.2		ug/L		71	38 - 150
cis-1,2-Dichloroethene	20.0	18.0		ug/L		90	78 - 121
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	74 - 125
Cyclohexane	20.0	17.5		ug/L		87	67 - 133
Dibromochloromethane	20.0	19.5		ug/L		97	58 - 130
Dichlorodifluoromethane	20.0	14.4		ug/L		72	31 - 150
Ethylbenzene	20.0	17.3		ug/L		86	78 - 120
Freon TF	20.0	16.9		ug/L		84	59 - 142
Isopropylbenzene	20.0	17.9		ug/L		90	79 - 125
m&p-Xylene	20.0	18.3		ug/L		91	78 - 123
Methyl acetate	40.0	31.4		ug/L		79	70 - 127
Methylcyclohexane	20.0	19.6		ug/L		98	60 - 139
Methylene Chloride	20.0	16.7		ug/L		84	74 - 127
MTBE	20.0	19.0		ug/L		95	65 - 131
o-Xylene	20.0	18.3		ug/L		92	78 - 122
Styrene	20.0	19.2		ug/L		96	75 - 127
Tetrachloroethene	20.0	19.1		ug/L		96	70 - 127
Toluene	20.0	17.9		ug/L		90	78 - 119
trans-1,2-Dichloroethene	20.0	17.9		ug/L		90	74 - 126
trans-1,3-Dichloropropene	20.0	20.3		ug/L		102	66 - 127
Trichloroethene	20.0	18.6		ug/L		93	71 - 121
Trichlorofluoromethane	20.0	20.1		ug/L		100	61 - 140
Vinyl chloride	20.0	16.3		ug/L		82	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		75 - 123
Bromofluorobenzene	103		76 - 120
Dibromofluoromethane (Surr)	100		77 - 124
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: LCSD 460-706392/5

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.3		ug/L		97	68 - 128	4	30
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		94	63 - 139	11	30
1,1,2-Trichloroethane	20.0	18.4		ug/L		92	74 - 125	6	30
1,1-Dichloroethane	20.0	18.8		ug/L		94	73 - 130	9	30
1,1-Dichloroethene	20.0	16.8		ug/L		84	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	29.7 *		ug/L		149	53 - 144	9	30
1,2,4-Trichlorobenzene	20.0	22.1		ug/L		111	64 - 132	5	30
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	41 - 143	8	30
1,2-Dibromoethane	20.0	22.1		ug/L		110	69 - 126	13	30
1,2-Dichlorobenzene	20.0	19.3		ug/L		97	79 - 122	4	30
1,2-Dichloroethane	20.0	19.3		ug/L		97	75 - 121	8	30
1,2-Dichloropropane	20.0	18.5		ug/L		93	76 - 126	9	30
1,3-Dichlorobenzene	20.0	19.5		ug/L		98	80 - 121	7	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-706392/5

Matrix: Water

Analysis Batch: 706392

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 118	10	30
1,4-Dioxane	400	423		ug/L		106	70 - 142	10	30
2-Butanone	100	106		ug/L		106	69 - 128	5	30
2-Hexanone	100	99.1		ug/L		99	74 - 127	7	30
4-Methyl-2-pentanone	100	103		ug/L		103	78 - 125	6	30
Acetone	100	78.0		ug/L		78	61 - 134	7	30
Benzene	20.0	19.3		ug/L		96	78 - 126	8	30
Bromochloromethane	20.0	20.7		ug/L		104	73 - 126	6	30
Bromodichloromethane	20.0	20.1		ug/L		100	72 - 121	9	30
Bromoform	20.0	25.0		ug/L		125	38 - 144	9	30
Bromomethane	20.0	17.4		ug/L		87	10 - 150	7	30
Carbon disulfide	20.0	17.0		ug/L		85	64 - 138	4	30
Carbon tetrachloride	20.0	24.3		ug/L		122	56 - 131	10	30
Chlorobenzene	20.0	20.3		ug/L		102	80 - 119	6	30
Chloroethane	20.0	17.2		ug/L		86	29 - 150	0	30
Chloroform	20.0	19.9		ug/L		99	78 - 125	10	30
Chloromethane	20.0	14.3		ug/L		71	38 - 150	0	30
cis-1,2-Dichloroethene	20.0	19.3		ug/L		97	78 - 121	7	30
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125	8	30
Cyclohexane	20.0	19.0		ug/L		95	67 - 133	9	30
Dibromochloromethane	20.0	21.4		ug/L		107	58 - 130	9	30
Dichlorodifluoromethane	20.0	13.8		ug/L		69	31 - 150	4	30
Ethylbenzene	20.0	19.5		ug/L		98	78 - 120	12	30
Freon TF	20.0	20.1		ug/L		100	59 - 142	17	30
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125	9	30
m&p-Xylene	20.0	19.8		ug/L		99	78 - 123	8	30
Methyl acetate	40.0	35.2		ug/L		88	70 - 127	11	30
Methylcyclohexane	20.0	21.3		ug/L		107	60 - 139	9	30
Methylene Chloride	20.0	17.7		ug/L		88	74 - 127	6	30
MTBE	20.0	20.2		ug/L		101	65 - 131	6	30
o-Xylene	20.0	20.0		ug/L		100	78 - 122	9	30
Styrene	20.0	20.4		ug/L		102	75 - 127	6	30
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 127	6	30
Toluene	20.0	19.4		ug/L		97	78 - 119	8	30
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	74 - 126	7	30
trans-1,3-Dichloropropene	20.0	22.6		ug/L		113	66 - 127	11	30
Trichloroethene	20.0	19.4		ug/L		97	71 - 121	5	30
Trichlorofluoromethane	20.0	18.2		ug/L		91	61 - 140	10	30
Vinyl chloride	20.0	16.4		ug/L		82	61 - 144	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		75 - 123
Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	100		77 - 124
Toluene-d8 (Surr)	99		80 - 120

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-706558/9

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			07/07/20 22:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			07/07/20 22:32	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 22:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			07/07/20 22:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			07/07/20 22:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			07/07/20 22:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			07/07/20 22:32	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			07/07/20 22:32	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			07/07/20 22:32	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			07/07/20 22:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			07/07/20 22:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			07/07/20 22:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			07/07/20 22:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			07/07/20 22:32	1
1,4-Dioxane	28	U	50	28	ug/L			07/07/20 22:32	1
2-Butanone	1.9	U	5.0	1.9	ug/L			07/07/20 22:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			07/07/20 22:32	1
4-Methyl-2-pentanone	1.3	U	5.0	1.3	ug/L			07/07/20 22:32	1
Acetone	4.4	U	5.0	4.4	ug/L			07/07/20 22:32	1
Benzene	0.20	U	1.0	0.20	ug/L			07/07/20 22:32	1
Bromochloromethane	0.41	U	1.0	0.41	ug/L			07/07/20 22:32	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			07/07/20 22:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			07/07/20 22:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			07/07/20 22:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			07/07/20 22:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			07/07/20 22:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			07/07/20 22:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			07/07/20 22:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			07/07/20 22:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			07/07/20 22:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			07/07/20 22:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			07/07/20 22:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			07/07/20 22:32	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			07/07/20 22:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			07/07/20 22:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			07/07/20 22:32	1
Freon TF	0.31	U	1.0	0.31	ug/L			07/07/20 22:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			07/07/20 22:32	1
m&p-Xylene	0.30	U	1.0	0.30	ug/L			07/07/20 22:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			07/07/20 22:32	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			07/07/20 22:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			07/07/20 22:32	1
MTBE	0.47	U	1.0	0.47	ug/L			07/07/20 22:32	1
o-Xylene	0.36	U	1.0	0.36	ug/L			07/07/20 22:32	1
Styrene	0.42	U	1.0	0.42	ug/L			07/07/20 22:32	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			07/07/20 22:32	1
Toluene	0.38	U	1.0	0.38	ug/L			07/07/20 22:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			07/07/20 22:32	1

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-706558/9

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			07/07/20 22:32	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			07/07/20 22:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			07/07/20 22:32	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			07/07/20 22:32	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					07/07/20 22:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 123		07/07/20 22:32	1
Bromofluorobenzene	105		76 - 120		07/07/20 22:32	1
Dibromofluoromethane (Surr)	103		77 - 124		07/07/20 22:32	1
Toluene-d8 (Surr)	98		80 - 120		07/07/20 22:32	1

Lab Sample ID: LCS 460-706558/5

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	20.7		ug/L		103	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	63 - 139
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	74 - 125
1,1-Dichloroethane	20.0	19.4		ug/L		97	73 - 130
1,1-Dichloroethene	20.0	21.4		ug/L		107	68 - 133
1,2,3-Trichlorobenzene	20.0	23.7		ug/L		119	53 - 144
1,2,4-Trichlorobenzene	20.0	23.4		ug/L		117	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.1		ug/L		106	41 - 143
1,2-Dibromoethane	20.0	21.4		ug/L		107	69 - 126
1,2-Dichlorobenzene	20.0	22.8		ug/L		114	79 - 122
1,2-Dichloroethane	20.0	19.7		ug/L		99	75 - 121
1,2-Dichloropropane	20.0	19.2		ug/L		96	76 - 126
1,3-Dichlorobenzene	20.0	22.5		ug/L		112	80 - 121
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 118
1,4-Dioxane	400	464		ug/L		116	70 - 142
2-Butanone	100	117		ug/L		117	69 - 128
2-Hexanone	100	108		ug/L		108	74 - 127
4-Methyl-2-pentanone	100	113		ug/L		113	78 - 125
Acetone	100	78.2		ug/L		78	61 - 134
Benzene	20.0	20.5		ug/L		102	78 - 126
Bromochloromethane	20.0	22.5		ug/L		113	73 - 126
Bromodichloromethane	20.0	20.3		ug/L		101	72 - 121
Bromoform	20.0	22.6		ug/L		113	38 - 144
Bromomethane	20.0	16.7		ug/L		84	10 - 150
Carbon disulfide	20.0	20.5		ug/L		103	64 - 138
Carbon tetrachloride	20.0	20.4		ug/L		102	56 - 131
Chlorobenzene	20.0	21.2		ug/L		106	80 - 119
Chloroethane	20.0	14.4		ug/L		72	29 - 150
Chloroform	20.0	20.5		ug/L		103	78 - 125

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-706558/5

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	11.4		ug/L		57	38 - 150
cis-1,2-Dichloroethene	20.0	21.2		ug/L		106	78 - 121
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	74 - 125
Cyclohexane	20.0	21.4		ug/L		107	67 - 133
Dibromochloromethane	20.0	21.3		ug/L		107	58 - 130
Dichlorodifluoromethane	20.0	8.74		ug/L		44	31 - 150
Ethylbenzene	20.0	21.7		ug/L		108	78 - 120
Freon TF	20.0	22.4		ug/L		112	59 - 142
Isopropylbenzene	20.0	22.0		ug/L		110	79 - 125
m&p-Xylene	20.0	22.4		ug/L		112	78 - 123
Methyl acetate	40.0	33.4		ug/L		83	70 - 127
Methylcyclohexane	20.0	21.8		ug/L		109	60 - 139
Methylene Chloride	20.0	20.6		ug/L		103	74 - 127
MTBE	20.0	20.7		ug/L		103	65 - 131
o-Xylene	20.0	22.3		ug/L		112	78 - 122
Styrene	20.0	22.1		ug/L		111	75 - 127
Tetrachloroethene	20.0	22.5		ug/L		112	70 - 127
Toluene	20.0	20.3		ug/L		102	78 - 119
trans-1,2-Dichloroethene	20.0	21.3		ug/L		107	74 - 126
trans-1,3-Dichloropropene	20.0	18.9		ug/L		94	66 - 127
Trichloroethene	20.0	20.7		ug/L		103	71 - 121
Trichlorofluoromethane	20.0	18.1		ug/L		90	61 - 140
Vinyl chloride	20.0	13.6		ug/L		68	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 123
Bromofluorobenzene	109		76 - 120
Dibromofluoromethane (Surr)	99		77 - 124
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: LCSD 460-706558/6

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.4		ug/L		102	68 - 128	1	30
1,1,2,2-Tetrachloroethane	20.0	18.3		ug/L		92	63 - 139	4	30
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	74 - 125	0	30
1,1-Dichloroethane	20.0	18.8		ug/L		94	73 - 130	3	30
1,1-Dichloroethene	20.0	21.0		ug/L		105	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	23.7		ug/L		119	53 - 144	0	30
1,2,4-Trichlorobenzene	20.0	23.2		ug/L		116	64 - 132	1	30
1,2-Dibromo-3-Chloropropane	20.0	19.2		ug/L		96	41 - 143	10	30
1,2-Dibromoethane	20.0	20.3		ug/L		102	69 - 126	5	30
1,2-Dichlorobenzene	20.0	22.1		ug/L		111	79 - 122	3	30
1,2-Dichloroethane	20.0	18.6		ug/L		93	75 - 121	6	30
1,2-Dichloropropane	20.0	19.0		ug/L		95	76 - 126	1	30
1,3-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 121	1	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-706558/6

Matrix: Water

Analysis Batch: 706558

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	21.8		ug/L		109	80 - 118	2	30
1,4-Dioxane	400	465		ug/L		116	70 - 142	0	30
2-Butanone	100	114		ug/L		114	69 - 128	3	30
2-Hexanone	100	106		ug/L		106	74 - 127	2	30
4-Methyl-2-pentanone	100	108		ug/L		108	78 - 125	4	30
Acetone	100	69.4		ug/L		69	61 - 134	12	30
Benzene	20.0	19.8		ug/L		99	78 - 126	3	30
Bromochloromethane	20.0	21.5		ug/L		108	73 - 126	5	30
Bromodichloromethane	20.0	19.6		ug/L		98	72 - 121	4	30
Bromoform	20.0	22.4		ug/L		112	38 - 144	1	30
Bromomethane	20.0	17.0		ug/L		85	10 - 150	2	30
Carbon disulfide	20.0	20.6		ug/L		103	64 - 138	0	30
Carbon tetrachloride	20.0	21.0		ug/L		105	56 - 131	2	30
Chlorobenzene	20.0	20.9		ug/L		104	80 - 119	1	30
Chloroethane	20.0	15.1		ug/L		75	29 - 150	4	30
Chloroform	20.0	20.4		ug/L		102	78 - 125	1	30
Chloromethane	20.0	11.4		ug/L		57	38 - 150	0	30
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	18.3		ug/L		92	74 - 125	2	30
Cyclohexane	20.0	20.8		ug/L		104	67 - 133	3	30
Dibromochloromethane	20.0	20.8		ug/L		104	58 - 130	2	30
Dichlorodifluoromethane	20.0	8.62		ug/L		43	31 - 150	1	30
Ethylbenzene	20.0	21.0		ug/L		105	78 - 120	3	30
Freon TF	20.0	21.9		ug/L		109	59 - 142	2	30
Isopropylbenzene	20.0	21.5		ug/L		107	79 - 125	3	30
m&p-Xylene	20.0	21.6		ug/L		108	78 - 123	4	30
Methyl acetate	40.0	33.4		ug/L		84	70 - 127	0	30
Methylcyclohexane	20.0	21.2		ug/L		106	60 - 139	3	30
Methylene Chloride	20.0	20.4		ug/L		102	74 - 127	1	30
MTBE	20.0	20.2		ug/L		101	65 - 131	2	30
o-Xylene	20.0	22.3		ug/L		111	78 - 122	0	30
Styrene	20.0	21.7		ug/L		108	75 - 127	2	30
Tetrachloroethene	20.0	23.1		ug/L		115	70 - 127	3	30
Toluene	20.0	19.7		ug/L		99	78 - 119	3	30
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	74 - 126	4	30
trans-1,3-Dichloropropene	20.0	18.2		ug/L		91	66 - 127	4	30
Trichloroethene	20.0	20.8		ug/L		104	71 - 121	0	30
Trichlorofluoromethane	20.0	17.8		ug/L		89	61 - 140	2	30
Vinyl chloride	20.0	13.3		ug/L		66	61 - 144	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 123
Bromofluorobenzene	111		76 - 120
Dibromofluoromethane (Surr)	99		77 - 124
Toluene-d8 (Surr)	98		80 - 120

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-705856/1-A

Matrix: Water

Analysis Batch: 705963

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 705856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4,5-Trichlorophenol	0.88	U	10	0.88	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4,6-Trichlorophenol	0.86	U	10	0.86	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4-Dichlorophenol	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4-Dimethylphenol	0.62	U	10	0.62	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4-Dinitrophenol	14	U	20	14	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,4-Dinitrotoluene	1.0	U	2.0	1.0	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,6-Dinitrotoluene	0.83	U	2.0	0.83	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Chloronaphthalene	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Chlorophenol	0.38	U	10	0.38	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Methylnaphthalene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Methylphenol	0.67	U	10	0.67	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Nitroaniline	0.47	U	10	0.47	ug/L		07/04/20 07:59	07/04/20 20:58	1
2-Nitrophenol	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 20:58	1
3,3'-Dichlorobenzidine	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 20:58	1
3-Nitroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 20:58	1
4,6-Dinitro-2-methylphenol	13	U	20	13	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Bromophenyl phenyl ether	0.75	U	10	0.75	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Chloro-3-methylphenol	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Chloroaniline	1.9	U	10	1.9	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Chlorophenyl phenyl ether	1.3	U	10	1.3	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Methylphenol	0.65	U	10	0.65	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Nitroaniline	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 20:58	1
4-Nitrophenol	4.0	U	20	4.0	ug/L		07/04/20 07:59	07/04/20 20:58	1
Acenaphthene	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
Acenaphthylene	0.82	U	10	0.82	ug/L		07/04/20 07:59	07/04/20 20:58	1
Acetophenone	2.3	U	10	2.3	ug/L		07/04/20 07:59	07/04/20 20:58	1
Anthracene	0.63	U	10	0.63	ug/L		07/04/20 07:59	07/04/20 20:58	1
Atrazine	1.3	U	2.0	1.3	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzaldehyde	2.1	U	10	2.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzo[g,h,i]perylene	1.4	U	10	1.4	ug/L		07/04/20 07:59	07/04/20 20:58	1
Benzo[k]fluoranthene	0.67	U	1.0	0.67	ug/L		07/04/20 07:59	07/04/20 20:58	1
Bis(2-chloroethoxy)methane	0.59	U	10	0.59	ug/L		07/04/20 07:59	07/04/20 20:58	1
Bis(2-chloroethyl)ether	0.63	U	1.0	0.63	ug/L		07/04/20 07:59	07/04/20 20:58	1
Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7	ug/L		07/04/20 07:59	07/04/20 20:58	1
Butyl benzyl phthalate	0.85	U	10	0.85	ug/L		07/04/20 07:59	07/04/20 20:58	1
Caprolactam	0.68	U	10	0.68	ug/L		07/04/20 07:59	07/04/20 20:58	1
Carbazole	0.68	U	10	0.68	ug/L		07/04/20 07:59	07/04/20 20:58	1
Chrysene	0.91	U	2.0	0.91	ug/L		07/04/20 07:59	07/04/20 20:58	1
Dibenz(a,h)anthracene	0.72	U	1.0	0.72	ug/L		07/04/20 07:59	07/04/20 20:58	1
Dibenzofuran	1.1	U	10	1.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
Diethyl phthalate	0.98	U	10	0.98	ug/L		07/04/20 07:59	07/04/20 20:58	1
Dimethyl phthalate	0.77	U	10	0.77	ug/L		07/04/20 07:59	07/04/20 20:58	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-705856/1-A
Matrix: Water
Analysis Batch: 705963

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 20:58	1
Di-n-octyl phthalate	4.8	U	10	4.8	ug/L		07/04/20 07:59	07/04/20 20:58	1
Diphenyl	1.2	U	10	1.2	ug/L		07/04/20 07:59	07/04/20 20:58	1
Fluoranthene	0.84	U	10	0.84	ug/L		07/04/20 07:59	07/04/20 20:58	1
Fluorene	0.91	U	10	0.91	ug/L		07/04/20 07:59	07/04/20 20:58	1
Hexachlorobenzene	0.40	U	1.0	0.40	ug/L		07/04/20 07:59	07/04/20 20:58	1
Hexachlorobutadiene	0.78	U	1.0	0.78	ug/L		07/04/20 07:59	07/04/20 20:58	1
Hexachlorocyclopentadiene	3.6	U	10	3.6	ug/L		07/04/20 07:59	07/04/20 20:58	1
Hexachloroethane	0.80	U	2.0	0.80	ug/L		07/04/20 07:59	07/04/20 20:58	1
Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94	ug/L		07/04/20 07:59	07/04/20 20:58	1
Isophorone	0.80	U	10	0.80	ug/L		07/04/20 07:59	07/04/20 20:58	1
Naphthalene	1.1	U	2.0	1.1	ug/L		07/04/20 07:59	07/04/20 20:58	1
Nitrobenzene	0.57	U	1.0	0.57	ug/L		07/04/20 07:59	07/04/20 20:58	1
N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43	ug/L		07/04/20 07:59	07/04/20 20:58	1
N-Nitrosodiphenylamine	0.89	U	10	0.89	ug/L		07/04/20 07:59	07/04/20 20:58	1
Pentachlorophenol	1.4	U	20	1.4	ug/L		07/04/20 07:59	07/04/20 20:58	1
Phenanthrene	0.58	U	10	0.58	ug/L		07/04/20 07:59	07/04/20 20:58	1
Phenol	0.29	U	10	0.29	ug/L		07/04/20 07:59	07/04/20 20:58	1
Pyrene	1.6	U	10	1.6	ug/L		07/04/20 07:59	07/04/20 20:58	1
2,3,7,8-TCDD	1.0	U	1.0	1.0	ug/L		07/04/20 07:59	07/04/20 20:58	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L				07/04/20 07:59	07/04/20 20:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	118		36 - 159	07/04/20 07:59	07/04/20 20:58	1
2-Fluorobiphenyl	96		42 - 127	07/04/20 07:59	07/04/20 20:58	1
2-Fluorophenol	52		18 - 72	07/04/20 07:59	07/04/20 20:58	1
Nitrobenzene-d5	95		46 - 137	07/04/20 07:59	07/04/20 20:58	1
Phenol-d5	36		10 - 50	07/04/20 07:59	07/04/20 20:58	1
Terphenyl-d14	126		39 - 150	07/04/20 07:59	07/04/20 20:58	1

Lab Sample ID: LCS 460-705856/2-A
Matrix: Water
Analysis Batch: 705963

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2,4,5-Tetrachlorobenzene	80.0	72.9		ug/L		91	48 - 109
2,2'-oxybis[1-chloropropane]	80.0	56.2		ug/L		70	38 - 124
2,3,4,6-Tetrachlorophenol	80.0	77.9		ug/L		97	64 - 123
2,4,5-Trichlorophenol	80.0	76.2		ug/L		95	64 - 110
2,4,6-Trichlorophenol	80.0	80.3		ug/L		100	64 - 115
2,4-Dichlorophenol	80.0	69.3		ug/L		87	65 - 107
2,4-Dimethylphenol	80.0	64.0		ug/L		80	59 - 101
2,4-Dinitrophenol	160	166		ug/L		104	36 - 150
2,4-Dinitrotoluene	80.0	79.4		ug/L		99	63 - 122
2,6-Dinitrotoluene	80.0	79.2		ug/L		99	71 - 118
2-Chloronaphthalene	80.0	72.0		ug/L		90	57 - 102

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-705856/2-A

Matrix: Water

Analysis Batch: 705963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 705856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorophenol	80.0	62.9		ug/L		79	57 - 93
2-Methylnaphthalene	80.0	66.8		ug/L		83	57 - 103
2-Methylphenol	80.0	51.6		ug/L		65	45 - 86
2-Nitroaniline	80.0	56.4		ug/L		71	54 - 123
2-Nitrophenol	80.0	73.1		ug/L		91	60 - 126
3,3'-Dichlorobenzidine	80.0	88.4		ug/L		110	59 - 125
3-Nitroaniline	80.0	68.0		ug/L		85	57 - 110
4,6-Dinitro-2-methylphenol	160	165		ug/L		103	69 - 149
4-Bromophenyl phenyl ether	80.0	82.8		ug/L		103	65 - 115
4-Chloro-3-methylphenol	80.0	63.9		ug/L		80	60 - 107
4-Chloroaniline	80.0	62.7		ug/L		78	43 - 105
4-Chlorophenyl phenyl ether	80.0	74.8		ug/L		93	60 - 113
4-Methylphenol	80.0	46.5		ug/L		58	37 - 86
4-Nitroaniline	80.0	69.5		ug/L		87	52 - 122
4-Nitrophenol	160	58.9		ug/L		37	17 - 61
Acenaphthene	80.0	69.7		ug/L		87	54 - 108
Acenaphthylene	80.0	73.4		ug/L		92	64 - 102
Acetophenone	80.0	64.5		ug/L		81	65 - 109
Anthracene	80.0	76.9		ug/L		96	69 - 110
Atrazine	40.0	64.7	*	ug/L		162	10 - 150
Benzaldehyde	40.0	51.8		ug/L		130	47 - 134
Benzo[a]anthracene	80.0	78.3		ug/L		98	71 - 114
Benzo[a]pyrene	80.0	82.8		ug/L		104	67 - 106
Benzo[b]fluoranthene	80.0	83.2		ug/L		104	65 - 113
Benzo[g,h,i]perylene	80.0	75.3		ug/L		94	48 - 145
Benzo[k]fluoranthene	80.0	83.6		ug/L		105	66 - 116
Bis(2-chloroethoxy)methane	80.0	67.4		ug/L		84	64 - 114
Bis(2-chloroethyl)ether	80.0	67.2		ug/L		84	57 - 112
Bis(2-ethylhexyl) phthalate	80.0	73.6		ug/L		92	60 - 135
Butyl benzyl phthalate	80.0	74.5		ug/L		93	63 - 126
Caprolactam	40.0	13.5		ug/L		34	10 - 60
Carbazole	80.0	75.3		ug/L		94	68 - 113
Chrysene	80.0	76.8		ug/L		96	74 - 122
Dibenz(a,h)anthracene	80.0	76.7		ug/L		96	57 - 144
Dibenzofuran	80.0	72.1		ug/L		90	65 - 104
Diethyl phthalate	80.0	72.8		ug/L		91	65 - 105
Dimethyl phthalate	80.0	74.5		ug/L		93	68 - 105
Di-n-butyl phthalate	80.0	74.3		ug/L		93	66 - 113
Di-n-octyl phthalate	80.0	73.0		ug/L		91	40 - 133
Diphenyl	80.0	70.5		ug/L		88	59 - 102
Fluoranthene	80.0	79.8		ug/L		100	66 - 116
Fluorene	80.0	72.9		ug/L		91	64 - 108
Hexachlorobenzene	80.0	81.9		ug/L		102	59 - 129
Hexachlorobutadiene	80.0	67.1		ug/L		84	33 - 98
Hexachlorocyclopentadiene	80.0	59.7		ug/L		75	14 - 97
Hexachloroethane	80.0	59.4		ug/L		74	27 - 94
Indeno[1,2,3-cd]pyrene	80.0	80.3		ug/L		100	55 - 139
Isophorone	80.0	69.0		ug/L		86	64 - 113
Naphthalene	80.0	67.3		ug/L		84	56 - 99

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-705856/2-A

Matrix: Water

Analysis Batch: 705963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 705856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrobenzene	80.0	67.9		ug/L		85	67 - 109
N-Nitrosodi-n-propylamine	80.0	63.1		ug/L		79	60 - 111
N-Nitrosodiphenylamine	80.0	77.0		ug/L		96	67 - 110
Pentachlorophenol	160	170		ug/L		106	57 - 135
Phenanthrene	80.0	75.6		ug/L		94	69 - 108
Phenol	80.0	25.6		ug/L		32	20 - 53
Pyrene	80.0	75.5		ug/L		94	66 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	119		36 - 159
2-Fluorobiphenyl	100		42 - 127
2-Fluorophenol	53		18 - 72
Nitrobenzene-d5	94		46 - 137
Phenol-d5	36		10 - 50
Terphenyl-d14	122		39 - 150

Lab Sample ID: LCSD 460-705856/3-A

Matrix: Water

Analysis Batch: 705963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 705856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,2,4,5-Tetrachlorobenzene	80.0	78.4		ug/L		98	48 - 109	7	30
2,2'-oxybis[1-chloropropane]	80.0	58.7		ug/L		73	38 - 124	4	30
2,3,4,6-Tetrachlorophenol	80.0	81.4		ug/L		102	64 - 123	4	30
2,4,5-Trichlorophenol	80.0	79.0		ug/L		99	64 - 110	4	30
2,4,6-Trichlorophenol	80.0	83.5		ug/L		104	64 - 115	4	30
2,4-Dichlorophenol	80.0	74.1		ug/L		93	65 - 107	7	30
2,4-Dimethylphenol	80.0	68.0		ug/L		85	59 - 101	6	30
2,4-Dinitrophenol	160	177		ug/L		111	36 - 150	6	30
2,4-Dinitrotoluene	80.0	83.2		ug/L		104	63 - 122	5	30
2,6-Dinitrotoluene	80.0	84.3		ug/L		105	71 - 118	6	30
2-Chloronaphthalene	80.0	76.0		ug/L		95	57 - 102	5	30
2-Chlorophenol	80.0	65.5		ug/L		82	57 - 93	4	30
2-Methylnaphthalene	80.0	72.1		ug/L		90	57 - 103	8	30
2-Methylphenol	80.0	54.3		ug/L		68	45 - 86	5	30
2-Nitroaniline	80.0	59.3		ug/L		74	54 - 123	5	30
2-Nitrophenol	80.0	79.1		ug/L		99	60 - 126	8	30
3,3'-Dichlorobenzidine	80.0	92.2		ug/L		115	59 - 125	4	30
3-Nitroaniline	80.0	71.3		ug/L		89	57 - 110	5	30
4,6-Dinitro-2-methylphenol	160	176		ug/L		110	69 - 149	7	30
4-Bromophenyl phenyl ether	80.0	88.4		ug/L		111	65 - 115	7	30
4-Chloro-3-methylphenol	80.0	67.4		ug/L		84	60 - 107	5	30
4-Chloroaniline	80.0	68.1		ug/L		85	43 - 105	8	30
4-Chlorophenyl phenyl ether	80.0	79.2		ug/L		99	60 - 113	6	30
4-Methylphenol	80.0	48.7		ug/L		61	37 - 86	5	30
4-Nitroaniline	80.0	73.3		ug/L		92	52 - 122	5	30
4-Nitrophenol	160	58.7		ug/L		37	17 - 61	0	30
Acenaphthene	80.0	73.9		ug/L		92	54 - 108	6	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-705856/3-A

Matrix: Water

Analysis Batch: 705963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 705856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene	80.0	77.2		ug/L		96	64 - 102	5	30
Acetophenone	80.0	68.1		ug/L		85	65 - 109	5	30
Anthracene	80.0	81.1		ug/L		101	69 - 110	5	30
Atrazine	40.0	97.9	* *1	ug/L		245	10 - 150	41	30
Benzaldehyde	40.0	82.5	* *1	ug/L		206	47 - 134	46	30
Benzo[a]anthracene	80.0	83.5		ug/L		104	71 - 114	6	30
Benzo[a]pyrene	80.0	88.1	*	ug/L		110	67 - 106	6	30
Benzo[b]fluoranthene	80.0	89.0		ug/L		111	65 - 113	7	30
Benzo[g,h,i]perylene	80.0	81.3		ug/L		102	48 - 145	8	30
Benzo[k]fluoranthene	80.0	89.0		ug/L		111	66 - 116	6	30
Bis(2-chloroethoxy)methane	80.0	70.5		ug/L		88	64 - 114	5	30
Bis(2-chloroethyl)ether	80.0	71.7		ug/L		90	57 - 112	6	30
Bis(2-ethylhexyl) phthalate	80.0	78.9		ug/L		99	60 - 135	7	30
Butyl benzyl phthalate	80.0	80.0		ug/L		100	63 - 126	7	30
Caprolactam	40.0	21.6	*1	ug/L		54	10 - 60	46	30
Carbazole	80.0	78.5		ug/L		98	68 - 113	4	30
Chrysene	80.0	82.3		ug/L		103	74 - 122	7	30
Dibenz(a,h)anthracene	80.0	86.4		ug/L		108	57 - 144	12	30
Dibenzofuran	80.0	76.4		ug/L		96	65 - 104	6	30
Diethyl phthalate	80.0	76.0		ug/L		95	65 - 105	4	30
Dimethyl phthalate	80.0	76.6		ug/L		96	68 - 105	3	30
Di-n-butyl phthalate	80.0	79.0		ug/L		99	66 - 113	6	30
Di-n-octyl phthalate	80.0	78.0		ug/L		98	40 - 133	7	30
Diphenyl	80.0	74.7		ug/L		93	59 - 102	6	30
Fluoranthene	80.0	84.9		ug/L		106	66 - 116	6	30
Fluorene	80.0	76.1		ug/L		95	64 - 108	4	30
Hexachlorobenzene	80.0	86.9		ug/L		109	59 - 129	6	30
Hexachlorobutadiene	80.0	72.7		ug/L		91	33 - 98	8	30
Hexachlorocyclopentadiene	80.0	65.2		ug/L		82	14 - 97	9	30
Hexachloroethane	80.0	64.1		ug/L		80	27 - 94	8	30
Indeno[1,2,3-cd]pyrene	80.0	86.7		ug/L		108	55 - 139	8	30
Isophorone	80.0	73.4		ug/L		92	64 - 113	6	30
Naphthalene	80.0	71.8		ug/L		90	56 - 99	7	30
Nitrobenzene	80.0	72.8		ug/L		91	67 - 109	7	30
N-Nitrosodi-n-propylamine	80.0	67.2		ug/L		84	60 - 111	6	30
N-Nitrosodiphenylamine	80.0	81.6		ug/L		102	67 - 110	6	30
Pentachlorophenol	160	178		ug/L		111	57 - 135	4	30
Phenanthrene	80.0	80.0		ug/L		100	69 - 108	6	30
Phenol	80.0	25.4		ug/L		32	20 - 53	1	30
Pyrene	80.0	80.8		ug/L		101	66 - 121	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol	128		36 - 159
2-Fluorobiphenyl	108		42 - 127
2-Fluorophenol	55		18 - 72
Nitrobenzene-d5	102		46 - 137
Phenol-d5	36		10 - 50
Terphenyl-d14	131		39 - 150

Definitions/Glossary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD 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.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Definitions/Glossary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

GC/MS VOA

Analysis Batch: 706284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-212426-1	MW-2A	Total/NA	Water	8260C	
460-212426-2	MW-7A	Total/NA	Water	8260C	
460-212426-3	Dup	Total/NA	Water	8260C	
MB 460-706284/10	Method Blank	Total/NA	Water	8260C	
LCS 460-706284/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-706284/6	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 706392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-212426-4	TB	Total/NA	Water	8260C	
MB 460-706392/9	Method Blank	Total/NA	Water	8260C	
LCS 460-706392/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-706392/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 706558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-212426-1 - RA	MW-2A	Total/NA	Water	8260C	
460-212426-3 - RA	Dup	Total/NA	Water	8260C	
MB 460-706558/9	Method Blank	Total/NA	Water	8260C	
LCS 460-706558/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-706558/6	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 705856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-212426-1	MW-2A	Total/NA	Water	3510C	
460-212426-2	MW-7A	Total/NA	Water	3510C	
460-212426-3	Dup	Total/NA	Water	3510C	
MB 460-705856/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-705856/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-705856/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 705963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-212426-1	MW-2A	Total/NA	Water	8270D	705856
460-212426-2	MW-7A	Total/NA	Water	8270D	705856
460-212426-3	Dup	Total/NA	Water	8270D	705856
MB 460-705856/1-A	Method Blank	Total/NA	Water	8270D	705856
LCS 460-705856/2-A	Lab Control Sample	Total/NA	Water	8270D	705856
LCSD 460-705856/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	705856

Lab Chronicle

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Client Sample ID: MW-2A

Date Collected: 06/30/20 10:10

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	706284	07/07/20 03:45	GXY	TAL EDI
Total/NA	Analysis	8260C		1	706558	07/08/20 00:10	GXY	TAL EDI
Total/NA	Prep	3510C			705856	07/04/20 07:59	DXD	TAL EDI
Total/NA	Analysis	8270D		1	705963	07/04/20 22:42	YAH	TAL EDI

Client Sample ID: MW-7A

Date Collected: 06/30/20 11:35

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	706284	07/07/20 04:09	GXY	TAL EDI
Total/NA	Prep	3510C			705856	07/04/20 07:59	DXD	TAL EDI
Total/NA	Analysis	8270D		1	705963	07/04/20 23:03	YAH	TAL EDI

Client Sample ID: Dup

Date Collected: 06/30/20 00:00

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	706284	07/07/20 04:32	GXY	TAL EDI
Total/NA	Analysis	8260C		1	706558	07/08/20 00:34	GXY	TAL EDI
Total/NA	Prep	3510C			705856	07/04/20 07:59	DXD	TAL EDI
Total/NA	Analysis	8270D		1	705963	07/04/20 23:24	YAH	TAL EDI

Client Sample ID: TB

Date Collected: 06/30/20 00:00

Date Received: 07/01/20 16:10

Lab Sample ID: 460-212426-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	706392	07/07/20 13:30	CJM	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: SESI Consulting Engineers
Project/Site: Harbor Square, Ossining

Job ID: 460-212426-1

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270D	3510C	Water	2,3,7,8-TCDD

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-2A	460-212426-1	94	85	94	99
MW-2A RA	460-212426-1 RA	103	92	96	110
MW-7A	460-212426-2	100	96	101	108
Dup	460-212426-3	95	89	95	103
Dup RA	460-212426-3 RA	103	93	97	110
TB	460-212426-4	101	95	100	106
	MB 460-706284/10	93	89	93	102
	MB 460-706392/9	96	91	97	104
	MB 460-706558/9	103	90	98	105
	LCS 460-706284/4	93	85	93	100
	LCS 460-706392/4	100	88	97	103
	LCS 460-706558/5	99	90	97	109
	LCSD 460-706284/6	95	91	99	102
	LCSD 460-706392/5	100	93	99	105
	LCSD 460-706558/6	99	90	98	111

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: A90785.D

Lab ID: LCS 460-706284/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.9	105	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	63-139	
1,1,2-Trichloroethane	20.0	19.9	99	74-125	
1,1-Dichloroethane	20.0	18.7	93	73-130	
1,1-Dichloroethene	20.0	18.7	94	68-133	
1,2,3-Trichlorobenzene	20.0	30.9	154	53-144	*
1,2,4-Trichlorobenzene	20.0	24.3	121	64-132	
1,2-Dibromo-3-Chloropropane	20.0	19.4	97	41-143	
1,2-Dibromoethane	20.0	21.8	109	69-126	
1,2-Dichlorobenzene	20.0	21.2	106	79-122	
1,2-Dichloroethane	20.0	19.1	96	75-121	
1,2-Dichloropropane	20.0	19.2	96	76-126	
1,3-Dichlorobenzene	20.0	20.9	105	80-121	
1,4-Dichlorobenzene	20.0	21.0	105	80-118	
1,4-Dioxane	400	440	110	70-142	
2-Butanone	100	110	110	69-128	
2-Hexanone	100	104	104	74-127	
4-Methyl-2-pentanone	100	111	111	78-125	
Acetone	100	85.9	86	61-134	
Benzene	20.0	19.7	99	78-126	
Bromochloromethane	20.0	21.4	107	73-126	
Bromodichloromethane	20.0	21.4	107	72-121	
Bromoform	20.0	26.4	132	38-144	
Bromomethane	20.0	18.7	94	10-150	
Carbon disulfide	20.0	19.6	98	64-138	
Carbon tetrachloride	20.0	25.0	125	56-131	
Chlorobenzene	20.0	21.0	105	80-119	
Chloroethane	20.0	17.0	85	29-150	
Chloroform	20.0	20.2	101	78-125	
Chloromethane	20.0	13.8	69	38-150	
cis-1,2-Dichloroethene	20.0	20.0	100	78-121	
cis-1,3-Dichloropropene	20.0	21.4	107	74-125	
Cyclohexane	20.0	20.2	101	67-133	
Dibromochloromethane	20.0	23.1	115	58-130	
Dichlorodifluoromethane	20.0	10.6	53	31-150	
Ethylbenzene	20.0	19.7	98	78-120	
Freon TF	20.0	20.2	101	59-142	
Isopropylbenzene	20.0	20.5	102	79-125	
m&p-Xylene	20.0	20.3	101	78-123	
Methyl acetate	40.0	31.7	79	70-127	
Methylcyclohexane	20.0	22.3	111	60-139	
Methylene Chloride	20.0	18.9	95	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A90785.D
 Lab ID: LCS 460-706284/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
MTBE	20.0	21.3	107	65-131	
o-Xylene	20.0	20.3	102	78-122	
Styrene	20.0	20.7	104	75-127	
Tetrachloroethene	20.0	21.3	107	70-127	
Toluene	20.0	20.6	103	78-119	
trans-1,2-Dichloroethene	20.0	19.6	98	74-126	
trans-1,3-Dichloropropene	20.0	25.0	125	66-127	
Trichloroethene	20.0	19.3	97	71-121	
Trichlorofluoromethane	20.0	18.5	92	61-140	
Vinyl chloride	20.0	15.7	79	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A90815.D
 Lab ID: LCS 460-706392/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.7	93	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.8	84	63-139	
1,1,2-Trichloroethane	20.0	17.3	87	74-125	
1,1-Dichloroethane	20.0	17.2	86	73-130	
1,1-Dichloroethene	20.0	17.2	86	68-133	
1,2,3-Trichlorobenzene	20.0	27.2	136	53-144	
1,2,4-Trichlorobenzene	20.0	20.9	105	64-132	
1,2-Dibromo-3-Chloropropane	20.0	17.7	89	41-143	
1,2-Dibromoethane	20.0	19.3	96	69-126	
1,2-Dichlorobenzene	20.0	18.6	93	79-122	
1,2-Dichloroethane	20.0	17.8	89	75-121	
1,2-Dichloropropane	20.0	17.0	85	76-126	
1,3-Dichlorobenzene	20.0	18.1	91	80-121	
1,4-Dichlorobenzene	20.0	17.8	89	80-118	
1,4-Dioxane	400	384	96	70-142	
2-Butanone	100	100	100	69-128	
2-Hexanone	100	92.2	92	74-127	
4-Methyl-2-pentanone	100	97.5	98	78-125	
Acetone	100	73.0	73	61-134	
Benzene	20.0	17.8	89	78-126	
Bromochloromethane	20.0	19.5	97	73-126	
Bromodichloromethane	20.0	18.3	92	72-121	
Bromoform	20.0	22.9	115	38-144	
Bromomethane	20.0	18.6	93	10-150	
Carbon disulfide	20.0	16.4	82	64-138	
Carbon tetrachloride	20.0	22.0	110	56-131	
Chlorobenzene	20.0	19.2	96	80-119	
Chloroethane	20.0	17.2	86	29-150	
Chloroform	20.0	17.9	90	78-125	
Chloromethane	20.0	14.2	71	38-150	
cis-1,2-Dichloroethene	20.0	18.0	90	78-121	
cis-1,3-Dichloropropene	20.0	19.2	96	74-125	
Cyclohexane	20.0	17.5	87	67-133	
Dibromochloromethane	20.0	19.5	97	58-130	
Dichlorodifluoromethane	20.0	14.4	72	31-150	
Ethylbenzene	20.0	17.3	86	78-120	
Freon TF	20.0	16.9	84	59-142	
Isopropylbenzene	20.0	17.9	90	79-125	
m&p-Xylene	20.0	18.3	91	78-123	
Methyl acetate	40.0	31.4	79	70-127	
Methylcyclohexane	20.0	19.6	98	60-139	
Methylene Chloride	20.0	16.7	84	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A90815.D
 Lab ID: LCS 460-706392/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
MTBE	20.0	19.0	95	65-131	
o-Xylene	20.0	18.3	92	78-122	
Styrene	20.0	19.2	96	75-127	
Tetrachloroethene	20.0	19.1	96	70-127	
Toluene	20.0	17.9	90	78-119	
trans-1,2-Dichloroethene	20.0	17.9	90	74-126	
trans-1,3-Dichloropropene	20.0	20.3	102	66-127	
Trichloroethene	20.0	18.6	93	71-121	
Trichlorofluoromethane	20.0	20.1	100	61-140	
Vinyl chloride	20.0	16.3	82	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F98172.D

Lab ID: LCS 460-706558/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.7	103	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	63-139	
1,1,2-Trichloroethane	20.0	19.7	99	74-125	
1,1-Dichloroethane	20.0	19.4	97	73-130	
1,1-Dichloroethene	20.0	21.4	107	68-133	
1,2,3-Trichlorobenzene	20.0	23.7	119	53-144	
1,2,4-Trichlorobenzene	20.0	23.4	117	64-132	
1,2-Dibromo-3-Chloropropane	20.0	21.1	106	41-143	
1,2-Dibromoethane	20.0	21.4	107	69-126	
1,2-Dichlorobenzene	20.0	22.8	114	79-122	
1,2-Dichloroethane	20.0	19.7	99	75-121	
1,2-Dichloropropane	20.0	19.2	96	76-126	
1,3-Dichlorobenzene	20.0	22.5	112	80-121	
1,4-Dichlorobenzene	20.0	22.2	111	80-118	
1,4-Dioxane	400	464	116	70-142	
2-Butanone	100	117	117	69-128	
2-Hexanone	100	108	108	74-127	
4-Methyl-2-pentanone	100	113	113	78-125	
Acetone	100	78.2	78	61-134	
Benzene	20.0	20.5	102	78-126	
Bromochloromethane	20.0	22.5	113	73-126	
Bromodichloromethane	20.0	20.3	101	72-121	
Bromoform	20.0	22.6	113	38-144	
Bromomethane	20.0	16.7	84	10-150	
Carbon disulfide	20.0	20.5	103	64-138	
Carbon tetrachloride	20.0	20.4	102	56-131	
Chlorobenzene	20.0	21.2	106	80-119	
Chloroethane	20.0	14.4	72	29-150	
Chloroform	20.0	20.5	103	78-125	
Chloromethane	20.0	11.4	57	38-150	
cis-1,2-Dichloroethene	20.0	21.2	106	78-121	
cis-1,3-Dichloropropene	20.0	18.7	93	74-125	
Cyclohexane	20.0	21.4	107	67-133	
Dibromochloromethane	20.0	21.3	107	58-130	
Dichlorodifluoromethane	20.0	8.74	44	31-150	
Ethylbenzene	20.0	21.7	108	78-120	
Freon TF	20.0	22.4	112	59-142	
Isopropylbenzene	20.0	22.0	110	79-125	
m&p-Xylene	20.0	22.4	112	78-123	
Methyl acetate	40.0	33.4	83	70-127	
Methylcyclohexane	20.0	21.8	109	60-139	
Methylene Chloride	20.0	20.6	103	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F98172.D
 Lab ID: LCS 460-706558/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
MTBE	20.0	20.7	103	65-131	
o-Xylene	20.0	22.3	112	78-122	
Styrene	20.0	22.1	111	75-127	
Tetrachloroethene	20.0	22.5	112	70-127	
Toluene	20.0	20.3	102	78-119	
trans-1,2-Dichloroethene	20.0	21.3	107	74-126	
trans-1,3-Dichloropropene	20.0	18.9	94	66-127	
Trichloroethene	20.0	20.7	103	71-121	
Trichlorofluoromethane	20.0	18.1	90	61-140	
Vinyl chloride	20.0	13.6	68	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: A90787.D

Lab ID: LCSD 460-706284/6

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	21.6	108	3	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.5	103	8	30	63-139	
1,1,2-Trichloroethane	20.0	20.5	102	3	30	74-125	
1,1-Dichloroethane	20.0	19.0	95	2	30	73-130	
1,1-Dichloroethene	20.0	19.4	97	3	30	68-133	
1,2,3-Trichlorobenzene	20.0	33.7	168	9	30	53-144	*
1,2,4-Trichlorobenzene	20.0	24.8	124	2	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	21.1	105	8	30	41-143	
1,2-Dibromoethane	20.0	22.9	115	5	30	69-126	
1,2-Dichlorobenzene	20.0	21.4	107	1	30	79-122	
1,2-Dichloroethane	20.0	19.3	96	1	30	75-121	
1,2-Dichloropropane	20.0	19.2	96	0	30	76-126	
1,3-Dichlorobenzene	20.0	21.3	106	2	30	80-121	
1,4-Dichlorobenzene	20.0	21.1	106	1	30	80-118	
1,4-Dioxane	400	444	111	1	30	70-142	
2-Butanone	100	109	109	1	30	69-128	
2-Hexanone	100	103	103	1	30	74-127	
4-Methyl-2-pentanone	100	110	110	1	30	78-125	
Acetone	100	88.1	88	3	30	61-134	
Benzene	20.0	20.5	102	4	30	78-126	
Bromochloromethane	20.0	21.2	106	1	30	73-126	
Bromodichloromethane	20.0	20.5	102	4	30	72-121	
Bromoform	20.0	26.7	133	1	30	38-144	
Bromomethane	20.0	17.6	88	6	30	10-150	
Carbon disulfide	20.0	19.8	99	1	30	64-138	
Carbon tetrachloride	20.0	24.9	124	0	30	56-131	
Chlorobenzene	20.0	21.4	107	1	30	80-119	
Chloroethane	20.0	16.6	83	3	30	29-150	
Chloroform	20.0	19.7	98	3	30	78-125	
Chloromethane	20.0	13.9	69	0	30	38-150	
cis-1,2-Dichloroethene	20.0	19.9	100	0	30	78-121	
cis-1,3-Dichloropropene	20.0	22.6	113	5	30	74-125	
Cyclohexane	20.0	20.1	101	1	30	67-133	
Dibromochloromethane	20.0	24.1	120	4	30	58-130	
Dichlorodifluoromethane	20.0	11.0	55	3	30	31-150	
Ethylbenzene	20.0	20.2	101	3	30	78-120	
Freon TF	20.0	21.3	107	5	30	59-142	
Isopropylbenzene	20.0	20.6	103	0	30	79-125	
m&p-Xylene	20.0	20.5	103	1	30	78-123	
Methyl acetate	40.0	34.7	87	9	30	70-127	
Methylcyclohexane	20.0	22.0	110	1	30	60-139	
Methylene Chloride	20.0	19.1	96	1	30	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A90787.D
 Lab ID: LCSD 460-706284/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
MTBE	20.0	21.2	106	1	30	65-131	
o-Xylene	20.0	20.9	104	3	30	78-122	
Styrene	20.0	21.6	108	4	30	75-127	
Tetrachloroethene	20.0	20.7	104	3	30	70-127	
Toluene	20.0	20.6	103	0	30	78-119	
trans-1,2-Dichloroethene	20.0	19.0	95	3	30	74-126	
trans-1,3-Dichloropropene	20.0	25.1	125	0	30	66-127	
Trichloroethene	20.0	19.1	96	1	30	71-121	
Trichlorofluoromethane	20.0	18.1	90	2	30	61-140	
Vinyl chloride	20.0	15.8	79	1	30	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: A90816.D

Lab ID: LCSD 460-706392/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	19.3	97	4	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.7	94	11	30	63-139	
1,1,2-Trichloroethane	20.0	18.4	92	6	30	74-125	
1,1-Dichloroethane	20.0	18.8	94	9	30	73-130	
1,1-Dichloroethene	20.0	16.8	84	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	29.7	149	9	30	53-144	*
1,2,4-Trichlorobenzene	20.0	22.1	111	5	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	19.1	95	8	30	41-143	
1,2-Dibromoethane	20.0	22.1	110	13	30	69-126	
1,2-Dichlorobenzene	20.0	19.3	97	4	30	79-122	
1,2-Dichloroethane	20.0	19.3	97	8	30	75-121	
1,2-Dichloropropane	20.0	18.5	93	9	30	76-126	
1,3-Dichlorobenzene	20.0	19.5	98	7	30	80-121	
1,4-Dichlorobenzene	20.0	19.7	98	10	30	80-118	
1,4-Dioxane	400	423	106	10	30	70-142	
2-Butanone	100	106	106	5	30	69-128	
2-Hexanone	100	99.1	99	7	30	74-127	
4-Methyl-2-pentanone	100	103	103	6	30	78-125	
Acetone	100	78.0	78	7	30	61-134	
Benzene	20.0	19.3	96	8	30	78-126	
Bromochloromethane	20.0	20.7	104	6	30	73-126	
Bromodichloromethane	20.0	20.1	100	9	30	72-121	
Bromoform	20.0	25.0	125	9	30	38-144	
Bromomethane	20.0	17.4	87	7	30	10-150	
Carbon disulfide	20.0	17.0	85	4	30	64-138	
Carbon tetrachloride	20.0	24.3	122	10	30	56-131	
Chlorobenzene	20.0	20.3	102	6	30	80-119	
Chloroethane	20.0	17.2	86	0	30	29-150	
Chloroform	20.0	19.9	99	10	30	78-125	
Chloromethane	20.0	14.3	71	0	30	38-150	
cis-1,2-Dichloroethene	20.0	19.3	97	7	30	78-121	
cis-1,3-Dichloropropene	20.0	20.7	103	8	30	74-125	
Cyclohexane	20.0	19.0	95	9	30	67-133	
Dibromochloromethane	20.0	21.4	107	9	30	58-130	
Dichlorodifluoromethane	20.0	13.8	69	4	30	31-150	
Ethylbenzene	20.0	19.5	98	12	30	78-120	
Freon TF	20.0	20.1	100	17	30	59-142	
Isopropylbenzene	20.0	19.6	98	9	30	79-125	
m&p-Xylene	20.0	19.8	99	8	30	78-123	
Methyl acetate	40.0	35.2	88	11	30	70-127	
Methylcyclohexane	20.0	21.3	107	9	30	60-139	
Methylene Chloride	20.0	17.7	88	6	30	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: A90816.D
 Lab ID: LCSD 460-706392/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
MTBE	20.0	20.2	101	6	30	65-131	
o-Xylene	20.0	20.0	100	9	30	78-122	
Styrene	20.0	20.4	102	6	30	75-127	
Tetrachloroethene	20.0	20.3	101	6	30	70-127	
Toluene	20.0	19.4	97	8	30	78-119	
trans-1,2-Dichloroethene	20.0	19.2	96	7	30	74-126	
trans-1,3-Dichloropropene	20.0	22.6	113	11	30	66-127	
Trichloroethene	20.0	19.4	97	5	30	71-121	
Trichlorofluoromethane	20.0	18.2	91	10	30	61-140	
Vinyl chloride	20.0	16.4	82	0	30	61-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F98173.D

Lab ID: LCSD 460-706558/6

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.4	102	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.3	92	4	30	63-139	
1,1,2-Trichloroethane	20.0	19.7	99	0	30	74-125	
1,1-Dichloroethane	20.0	18.8	94	3	30	73-130	
1,1-Dichloroethene	20.0	21.0	105	2	30	68-133	
1,2,3-Trichlorobenzene	20.0	23.7	119	0	30	53-144	
1,2,4-Trichlorobenzene	20.0	23.2	116	1	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	19.2	96	10	30	41-143	
1,2-Dibromoethane	20.0	20.3	102	5	30	69-126	
1,2-Dichlorobenzene	20.0	22.1	111	3	30	79-122	
1,2-Dichloroethane	20.0	18.6	93	6	30	75-121	
1,2-Dichloropropane	20.0	19.0	95	1	30	76-126	
1,3-Dichlorobenzene	20.0	22.2	111	1	30	80-121	
1,4-Dichlorobenzene	20.0	21.8	109	2	30	80-118	
1,4-Dioxane	400	465	116	0	30	70-142	
2-Butanone	100	114	114	3	30	69-128	
2-Hexanone	100	106	106	2	30	74-127	
4-Methyl-2-pentanone	100	108	108	4	30	78-125	
Acetone	100	69.4	69	12	30	61-134	
Benzene	20.0	19.8	99	3	30	78-126	
Bromochloromethane	20.0	21.5	108	5	30	73-126	
Bromodichloromethane	20.0	19.6	98	4	30	72-121	
Bromoform	20.0	22.4	112	1	30	38-144	
Bromomethane	20.0	17.0	85	2	30	10-150	
Carbon disulfide	20.0	20.6	103	0	30	64-138	
Carbon tetrachloride	20.0	21.0	105	2	30	56-131	
Chlorobenzene	20.0	20.9	104	1	30	80-119	
Chloroethane	20.0	15.1	75	4	30	29-150	
Chloroform	20.0	20.4	102	1	30	78-125	
Chloromethane	20.0	11.4	57	0	30	38-150	
cis-1,2-Dichloroethene	20.0	20.5	103	3	30	78-121	
cis-1,3-Dichloropropene	20.0	18.3	92	2	30	74-125	
Cyclohexane	20.0	20.8	104	3	30	67-133	
Dibromochloromethane	20.0	20.8	104	2	30	58-130	
Dichlorodifluoromethane	20.0	8.62	43	1	30	31-150	
Ethylbenzene	20.0	21.0	105	3	30	78-120	
Freon TF	20.0	21.9	109	2	30	59-142	
Isopropylbenzene	20.0	21.5	107	3	30	79-125	
m&p-Xylene	20.0	21.6	108	4	30	78-123	
Methyl acetate	40.0	33.4	84	0	30	70-127	
Methylcyclohexane	20.0	21.2	106	3	30	60-139	
Methylene Chloride	20.0	20.4	102	1	30	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F98173.D
 Lab ID: LCSD 460-706558/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
MTBE	20.0	20.2	101	2	30	65-131	
o-Xylene	20.0	22.3	111	0	30	78-122	
Styrene	20.0	21.7	108	2	30	75-127	
Tetrachloroethene	20.0	23.1	115	3	30	70-127	
Toluene	20.0	19.7	99	3	30	78-119	
trans-1,2-Dichloroethene	20.0	20.4	102	4	30	74-126	
trans-1,3-Dichloropropene	20.0	18.2	91	4	30	66-127	
Trichloroethene	20.0	20.8	104	0	30	71-121	
Trichlorofluoromethane	20.0	17.8	89	2	30	61-140	
Vinyl chloride	20.0	13.3	66	2	30	61-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: A90791.D Lab Sample ID: MB 460-706284/10
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS1 Date Analyzed: 07/06/2020 22:13
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 460-706284/4	A90785.D	07/06/2020 19:50
	LCSD 460-706284/6	A90787.D	07/06/2020 20:37
MW-2A	460-212426-1	A90805.D	07/07/2020 03:45
MW-7A	460-212426-2	A90806.D	07/07/2020 04:09
Dup	460-212426-3	A90807.D	07/07/2020 04:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: A90820.D Lab Sample ID: MB 460-706392/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS1 Date Analyzed: 07/07/2020 11:55
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 460-706392/4	A90815.D	07/07/2020 09:57
	LCSD 460-706392/5	A90816.D	07/07/2020 10:21
TB	460-212426-4	A90824.D	07/07/2020 13:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: F98176.D Lab Sample ID: MB 460-706558/9
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS6 Date Analyzed: 07/07/2020 22:32
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 460-706558/5	F98172.D	07/07/2020 20:54
	LCSD 460-706558/6	F98173.D	07/07/2020 21:18
MW-2A RA	460-212426-1 RA	F98180.D	07/08/2020 00:10
Dup RA	460-212426-3 RA	F98181.D	07/08/2020 00:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab File ID: A89501.D BFB Injection Date: 06/11/2020
 Instrument ID: CVOAMS1 BFB Injection Time: 01:12
 Analysis Batch No.: 700493

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.3
75	30.0 - 60.0 % of mass 95	47.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.3
173	Less than 2.0 % of mass 174	0.9 (1.1) 1
174	50.0 - 120.00 % of mass 95	80.2
175	5.0 - 9.0 % of mass 174	5.4 (6.7) 1
176	95.0 - 101.0 % of mass 174	77.4 (96.5) 1
177	5.0 - 9.0 % of mass 176	4.9 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-700493/3	A89503.D	06/11/2020	2:04
	STD1 460-700493/4	A89504.D	06/11/2020	2:28
	STD5 460-700493/5	A89505.D	06/11/2020	2:52
	STD20 460-700493/6	A89506.D	06/11/2020	3:15
	STD50 460-700493/7	A89507.D	06/11/2020	3:39
	STD200 460-700493/8	A89508.D	06/11/2020	4:02
	STD500 460-700493/9	A89509.D	06/11/2020	4:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: A90782.D BFB Injection Date: 07/06/2020
Instrument ID: CVOAMS1 BFB Injection Time: 18:32
Analysis Batch No.: 706284

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	43.2
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	1.4 (2.0) 1
174	50.0 - 120.00 % of mass 95	67.8
175	5.0 - 9.0 % of mass 174	4.6 (6.8) 1
176	95.0 - 101.0 % of mass 174	67.2 (99.2) 1
177	5.0 - 9.0 % of mass 176	5.0 (7.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-706284/3	A90784.D	07/06/2020	19:27
	LCS 460-706284/4	A90785.D	07/06/2020	19:50
	LCSD 460-706284/6	A90787.D	07/06/2020	20:37
	MB 460-706284/10	A90791.D	07/06/2020	22:13
MW-2A	460-212426-1	A90805.D	07/07/2020	3:45
MW-7A	460-212426-2	A90806.D	07/07/2020	4:09
Dup	460-212426-3	A90807.D	07/07/2020	4:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: A90812.D BFB Injection Date: 07/07/2020
Instrument ID: CVOAMS1 BFB Injection Time: 07:46
Analysis Batch No.: 706392

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.7
75	30.0 - 60.0 % of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.1
173	Less than 2.0 % of mass 174	1.0 (1.1) 1
174	50.0 - 120.00 % of mass 95	88.1
175	5.0 - 9.0 % of mass 174	5.5 (6.2) 1
176	95.0 - 101.0 % of mass 174	83.9 (95.2) 1
177	5.0 - 9.0 % of mass 176	4.3 (5.1) 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 460-706392/3	A90814.D	07/07/2020	9:33
	LCS 460-706392/4	A90815.D	07/07/2020	9:57
	LCSD 460-706392/5	A90816.D	07/07/2020	10:21
	MB 460-706392/9	A90820.D	07/07/2020	11:55
TB	460-212426-4	A90824.D	07/07/2020	13:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: F97859.D BFB Injection Date: 07/01/2020
Instrument ID: CVOAMS6 BFB Injection Time: 15:18
Analysis Batch No.: 705288

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	45.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.1
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	69.0
175	5.0 - 9.0 % of mass 174	5.5 (8.0) 1
176	95.0 - 101.0 % of mass 174	66.4 (96.2) 1
177	5.0 - 9.0 % of mass 176	4.4 (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
	STD7 460-705288/4	F97862.D	07/01/2020	16:17
	STD1 460-705288/5	F97863.D	07/01/2020	16:41
	STD5 460-705288/6	F97864.D	07/01/2020	17:06
	STD20 460-705288/7	F97865.D	07/01/2020	17:31
	STD50 460-705288/8	F97866.D	07/01/2020	17:55
	STD200 460-705288/9	F97867.D	07/01/2020	18:20
	STD500 460-705288/10	F97868.D	07/01/2020	18:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab File ID: F98168.D BFB Injection Date: 07/07/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 19:17
 Analysis Batch No.: 706558

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.7
75	30.0 - 60.0 % of mass 95	48.0
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	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	63.3
175	5.0 - 9.0 % of mass 174	5.6 (8.8) 1
176	95.0 - 101.0 % of mass 174	60.4 (95.4) 1
177	5.0 - 9.0 % of mass 176	4.8 (7.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-706558/4	F98171.D	07/07/2020	20:29
	LCS 460-706558/5	F98172.D	07/07/2020	20:54
	LCSD 460-706558/6	F98173.D	07/07/2020	21:18
	MB 460-706558/9	F98176.D	07/07/2020	22:32
MW-2A RA	460-212426-1 RA	F98180.D	07/08/2020	0:10
Dup RA	460-212426-3 RA	F98181.D	07/08/2020	0:34

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706284/3 Date Analyzed: 07/06/2020 19:27
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A90784.D Heated Purge: (Y/N) N
 Calibration ID: 80662

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	235827	3.67	257494	4.66	545211	5.56	
UPPER LIMIT	471654	4.17	514988	5.16	1090422	6.06	
LOWER LIMIT	117914	3.17	128747	4.16	272606	5.06	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-706284/4		269520	3.65	256091	4.66	553782	5.56
LCSD 460-706284/6		262141	3.66	260298	4.66	554011	5.56
MB 460-706284/10		288357	3.66	256866	4.66	569100	5.56
460-212426-1	MW-2A	315858	3.66	273804	4.66	571343	5.56
460-212426-2	MW-7A	336149	3.67	307482	4.67	588567	5.56
460-212426-3	Dup	334809	3.67	293547	4.67	572714	5.56

TBA_d9 = 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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706284/3 Date Analyzed: 07/06/2020 19:27
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A90784.D Heated Purge: (Y/N) N
 Calibration ID: 80662

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31529	6.13	382998	8.01	216726	9.37
UPPER LIMIT		63058	6.63	765996	8.51	433452	9.87
LOWER LIMIT		15765	5.63	191499	7.51	108363	8.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-706284/4		33651	6.12	402446	8.01	229089	9.37
LCSD 460-706284/6		33011	6.13	390733	8.01	215683	9.37
MB 460-706284/10		34144	6.12	394693	8.01	226801	9.37
460-212426-1	MW-2A	34312	6.13	403920	8.01	230699	9.37
460-212426-2	MW-7A	40604	6.14	411879	8.01	240144	9.37
460-212426-3	Dup	38442	6.14	403037	8.01	226110	9.37

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706392/3 Date Analyzed: 07/07/2020 09:33
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A90814.D Heated Purge: (Y/N) N
 Calibration ID: 80662

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	212655	3.68	252630	4.67	560455	5.56	
UPPER LIMIT	425310	4.18	505260	5.17	1120910	6.06	
LOWER LIMIT	106328	3.18	126315	4.17	280228	5.06	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-706392/4		292163	3.68	278884	4.67	608246	5.56
LCSD 460-706392/5		293968	3.66	282858	4.67	596035	5.56
MB 460-706392/9		286091	3.67	265451	4.67	560991	5.56
460-212426-4	TB	282997	3.67	265862	4.67	568509	5.56

TBAd9 = TBA-d9 (IS)
 BUT = 2-Butanone-d5
 FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706392/3 Date Analyzed: 07/07/2020 09:33
 Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): A90814.D Heated Purge: (Y/N) N
 Calibration ID: 80662

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	31947	6.13	398656	8.01	223603	9.40	
UPPER LIMIT	63894	6.63	797312	8.51	447206	9.90	
LOWER LIMIT	15974	5.63	199328	7.51	111802	8.90	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-706392/4		35673	6.14	436526	8.01	249915	9.40
LCSD 460-706392/5		35570	6.13	429467	8.01	238555	9.41
MB 460-706392/9		34524	6.14	396485	8.01	226222	9.40
460-212426-4	TB	32320	6.13	401345	8.01	227498	9.41

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706558/4 Date Analyzed: 07/07/2020 20:29
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F98171.D Heated Purge: (Y/N) N
 Calibration ID: 80857

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		185099	3.18	220649	4.22	458606	5.30
UPPER LIMIT		370198	3.68	441298	4.72	917212	5.80
LOWER LIMIT		92550	2.68	110325	3.72	229303	4.80
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-706558/5		180976	3.18	204564	4.21	431251	5.30
LCSD 460-706558/6		162437	3.17	212348	4.21	457716	5.30
MB 460-706558/9		138691	3.18	192044	4.22	458730	5.30
460-212426-1 RA	MW-2A RA	230223	3.17	246022	4.21	412516	5.29
460-212426-3 RA	Dup RA	172556	3.17	190110	4.21	402064	5.29

TBA_d9 = 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
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-706558/4 Date Analyzed: 07/07/2020 20:29
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F98171.D Heated Purge: (Y/N) N
 Calibration ID: 80857

		DXE		CBNZd5		DCBd4		
		AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD		21459	5.98	334164	8.72	186228	10.91	
UPPER LIMIT		42918	6.48	668328	9.22	372456	11.41	
LOWER LIMIT		10730	5.48	167082	8.22	93114	10.41	
LAB SAMPLE ID		CLIENT SAMPLE ID						
LCS 460-706558/5		19200	5.98	309684	8.72	174951	10.91	
LCSD 460-706558/6		17101	5.98	330422	8.72	185756	10.91	
MB 460-706558/9		14204	5.99	323971	8.72	184036	10.90	
460-212426-1 RA		MW-2A RA	23176	5.98	295696	8.72	173017	10.90
460-212426-3 RA		Dup RA	18981	5.99	289440	8.72	170171	10.90

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-2A Lab Sample ID: 460-212426-1
 Matrix: Water Lab File ID: A90805.D
 Analysis Method: 8260C Date Collected: 06/30/2020 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 03:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	7.7		5.0	4.4
71-43-2	Benzene	5.5		1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-2A Lab Sample ID: 460-212426-1
 Matrix: Water Lab File ID: A90805.D
 Analysis Method: 8260C Date Collected: 06/30/2020 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 03:45
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.88	J	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: MW-2A Lab Sample ID: 460-212426-1
Matrix: Water Lab File ID: A90805.D
Analysis Method: 8260C Date Collected: 06/30/2020 10:10
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 03:45
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 706284 Units: ug/L
Number TICs Found: 1 TIC Result Total: 18

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	9.52	18	J N	94%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D
 Lims ID: 460-212426-B-1
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 07-Jul-2020 03:45:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-b-1
 Misc. Info.: 460-0112801-024
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: asfawa

Date: 07-Jul-2020 08:42:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	58	3.281	3.281	0.000	85	2697	7.69	
* 31 TBA-d9 (IS)	65	3.659	3.666	-0.007	33	315858	1000.0	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	87	273804	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.056	5.062	-0.006	98	125531	47.2	
60 Benzene	78	5.336	5.336	0.000	94	68075	5.45	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	86	129864	42.7	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	571343	50.0	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	22	34312	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	478116	46.9	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	403920	50.0	
104 Isopropylbenzene	105	8.591	8.591	0.000	94	12839	0.8820	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	96	146262	49.5	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	230699	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00209 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D
 Lims ID: 460-212426-B-1
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 07-Jul-2020 03:45:30 ALS Bottle#: 23 Worklist Smp#: 24
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-b-1
 Misc. Info.: 460-0112801-024
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 60
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047
 First Level Reviewer: asfawa Date: 07-Jul-2020 08:42:42

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7	Indane							
9.518	471266	18.4	121	94	8673	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 121 1,4-Dichlorobenzene-d4	9.372	1278521	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Worklist Smp#: 24

Client ID: MW-2A

Purge Vol: 5.000 mL

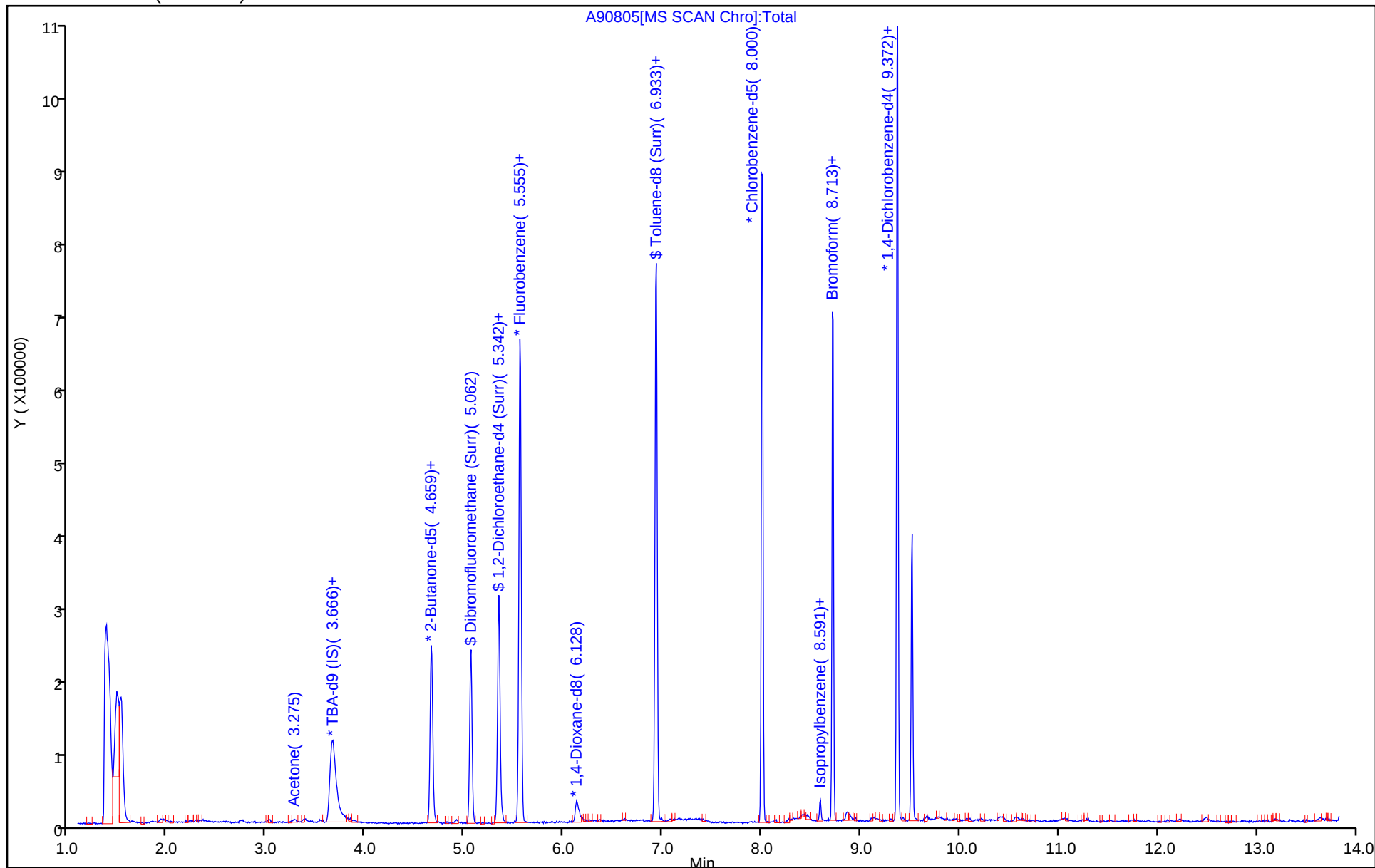
Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

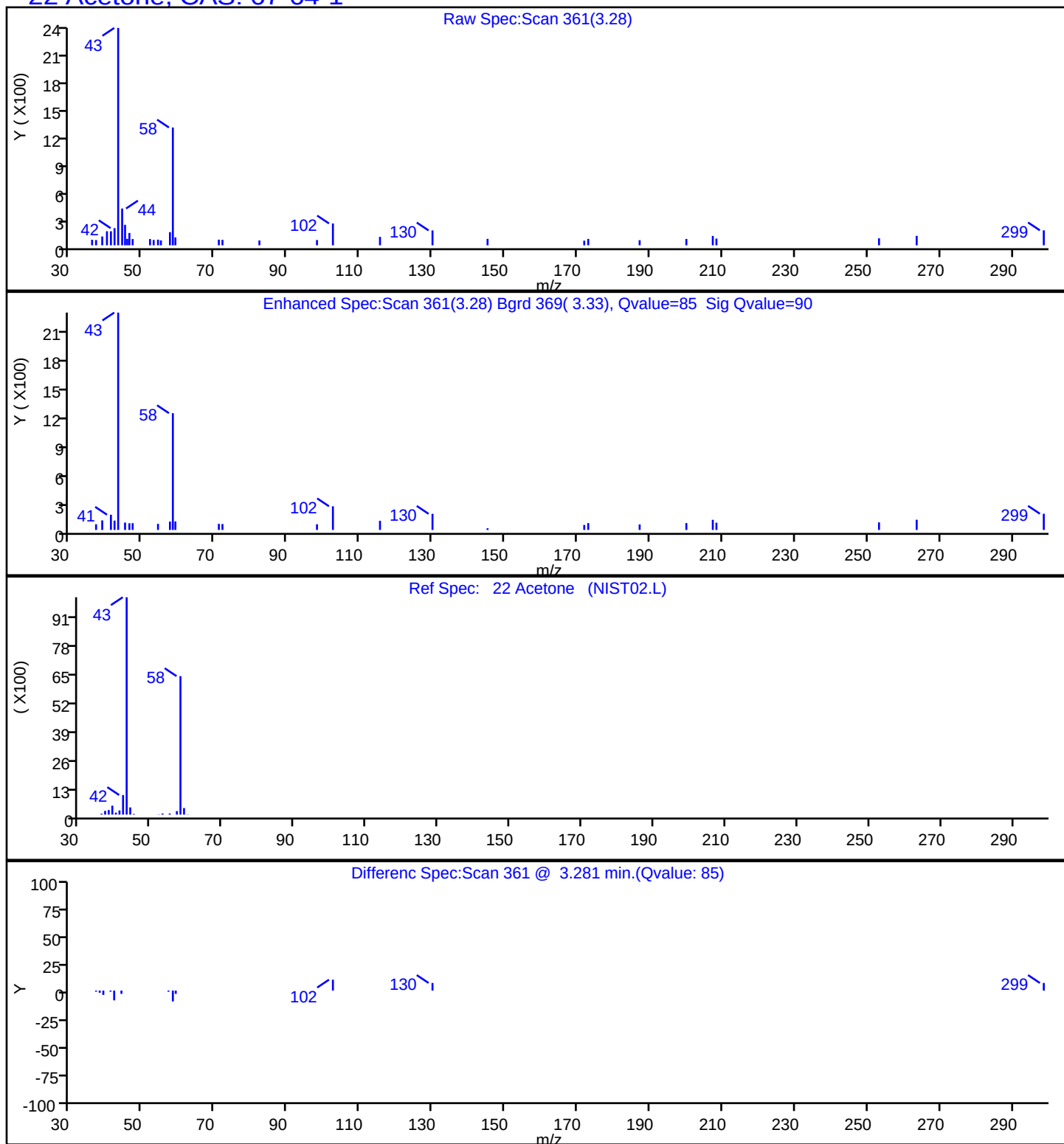
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL

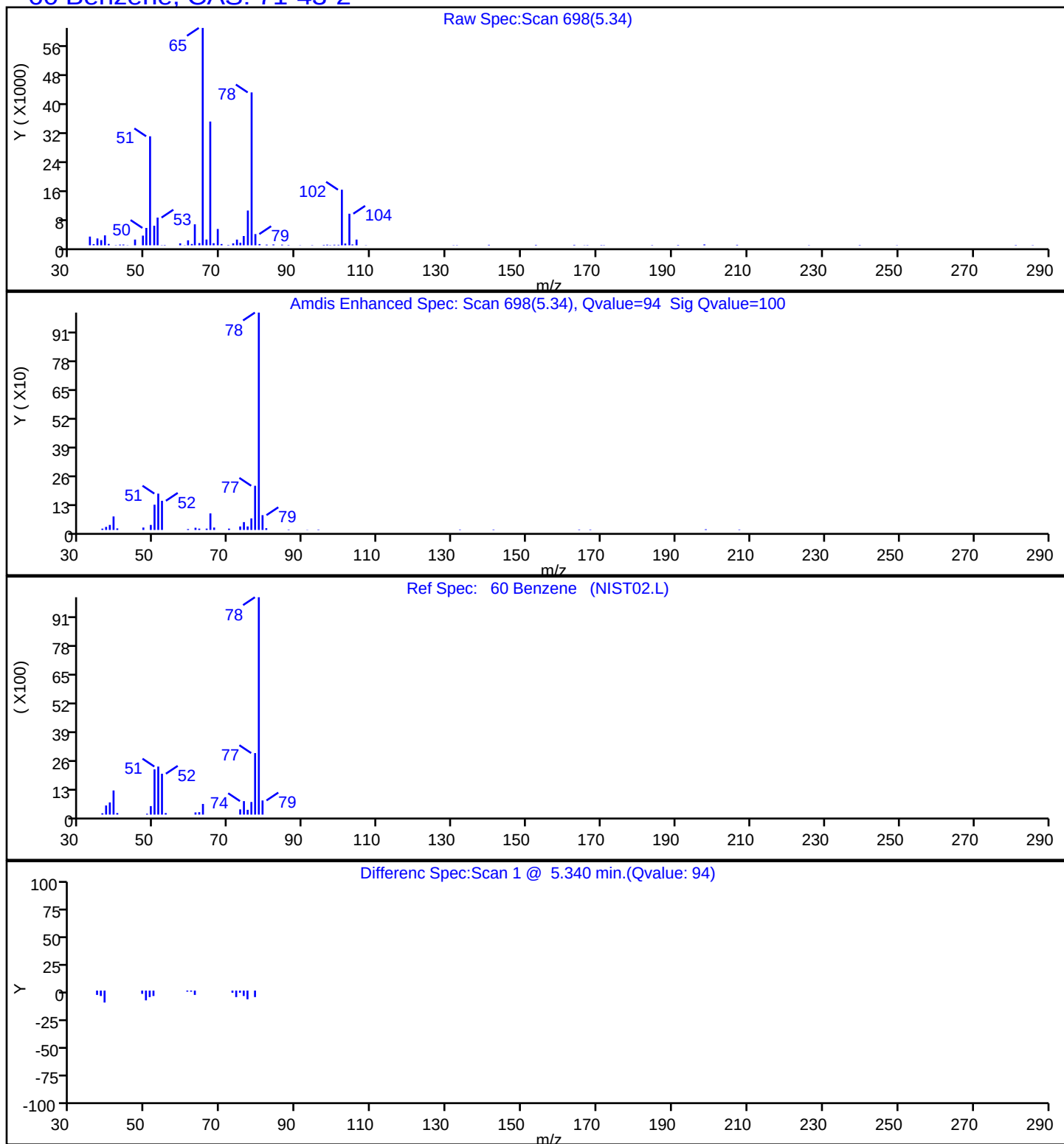
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Benzene, CAS: 71-43-2

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

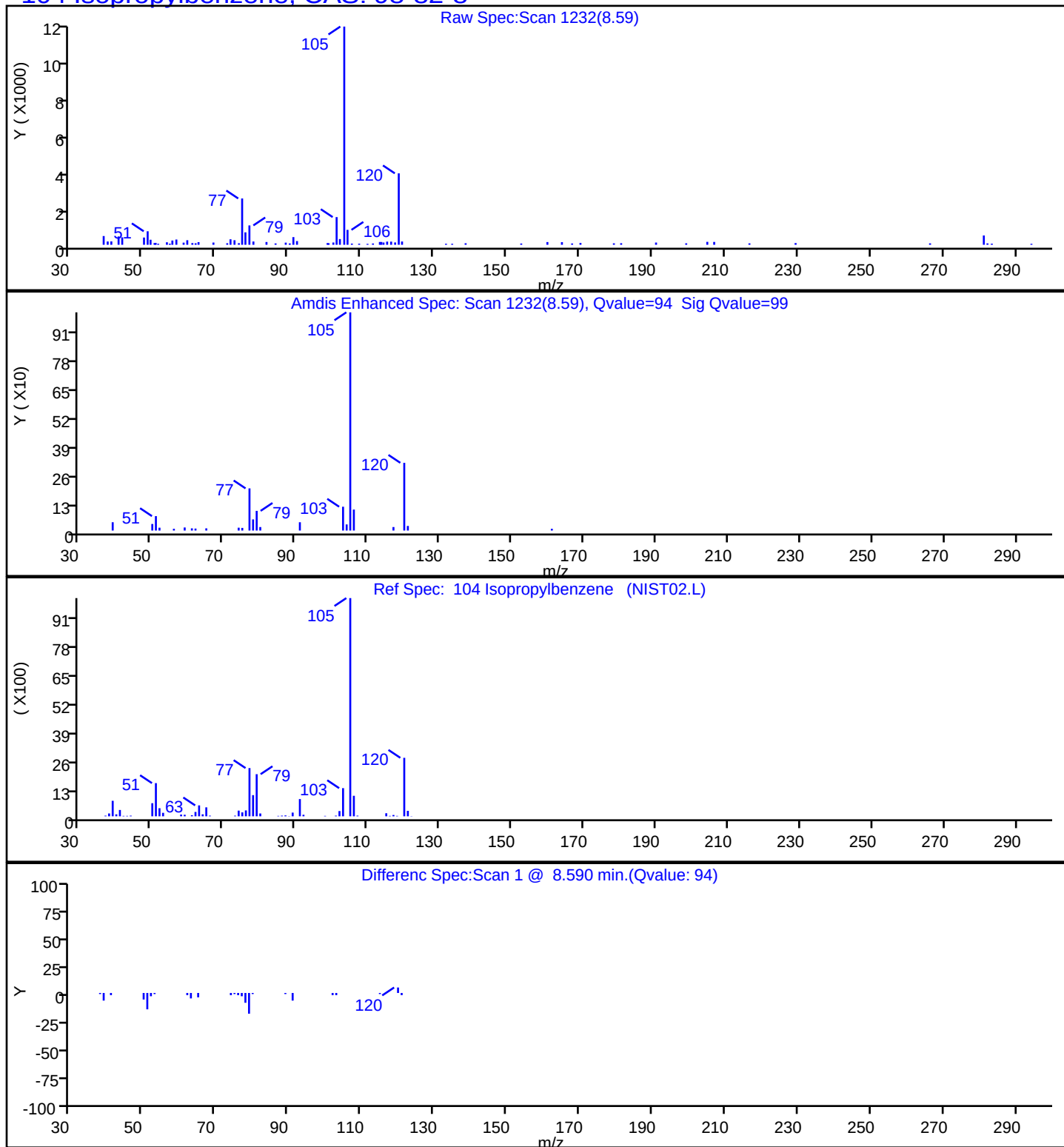
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

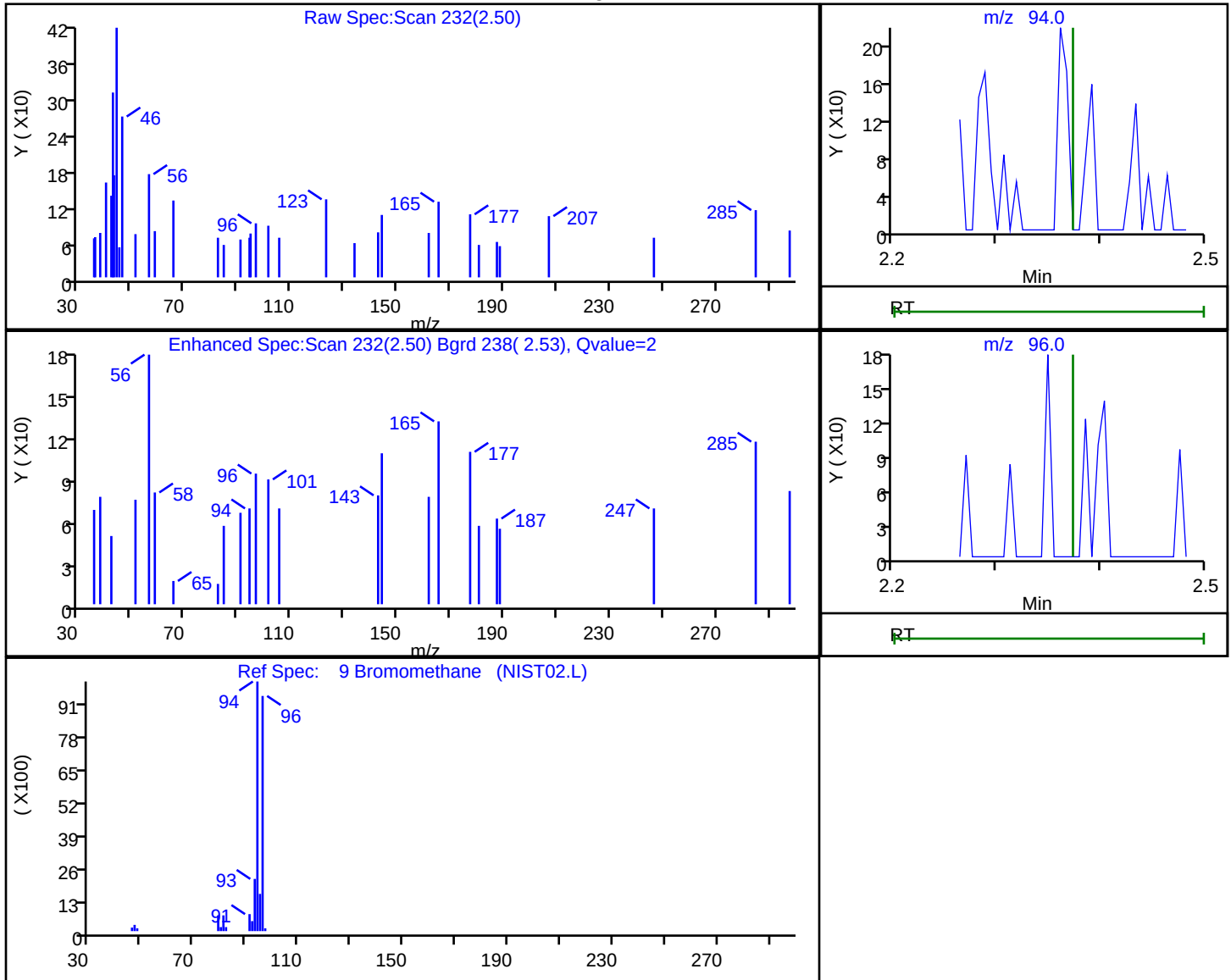
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.50	94.00	110	0.028233
2.50	96.00	73	

Reviewer: asfawa, 07-Jul-2020 08:41:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#:

23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

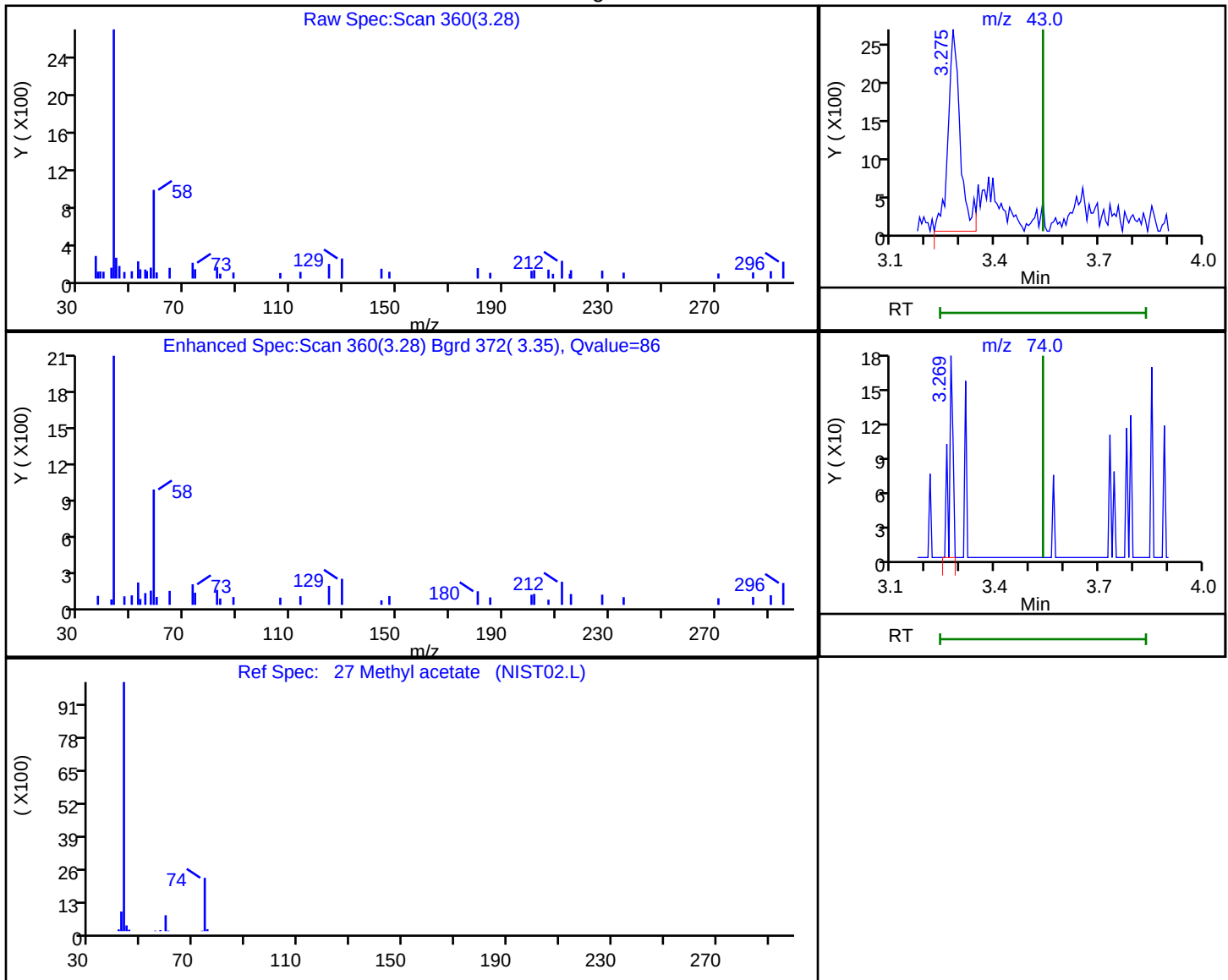
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.28	43.00	6542	2.811958
3.27	74.00	138	

Reviewer: asfawa, 07-Jul-2020 08:42:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90805.D

Injection Date: 07-Jul-2020 03:45:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID: VOA GC/MS1

ALS Bottle#: 23

Worklist Smp#: 24

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

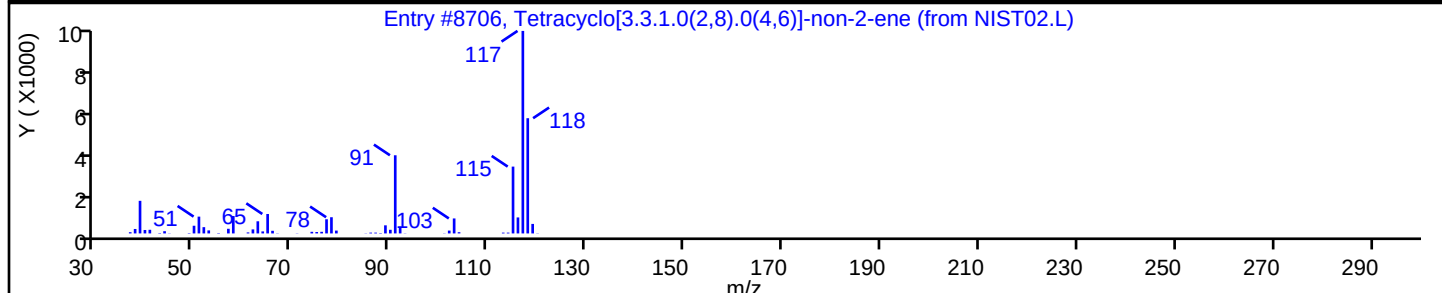
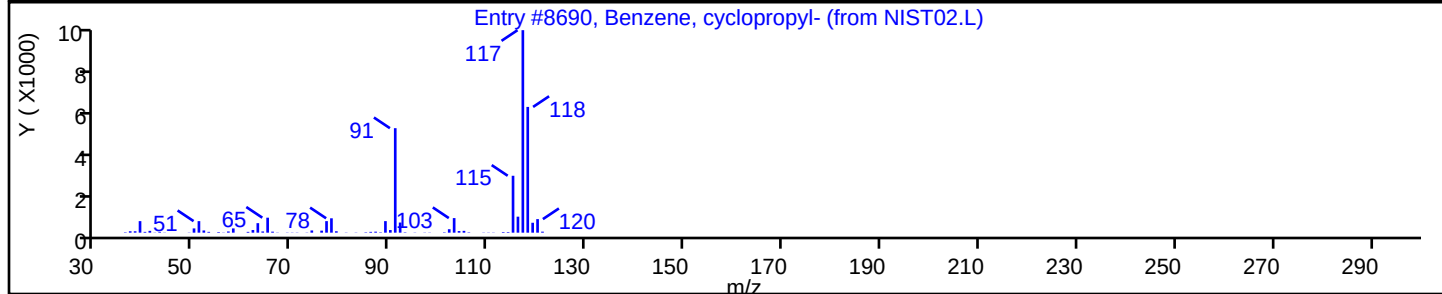
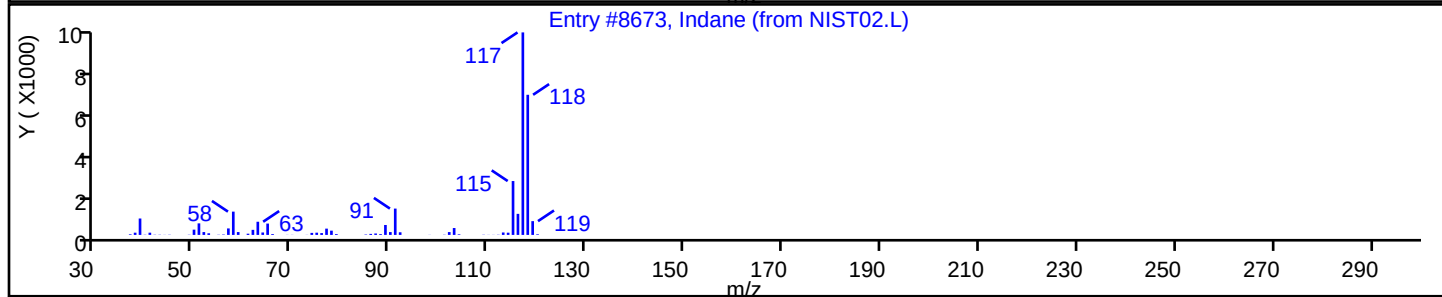
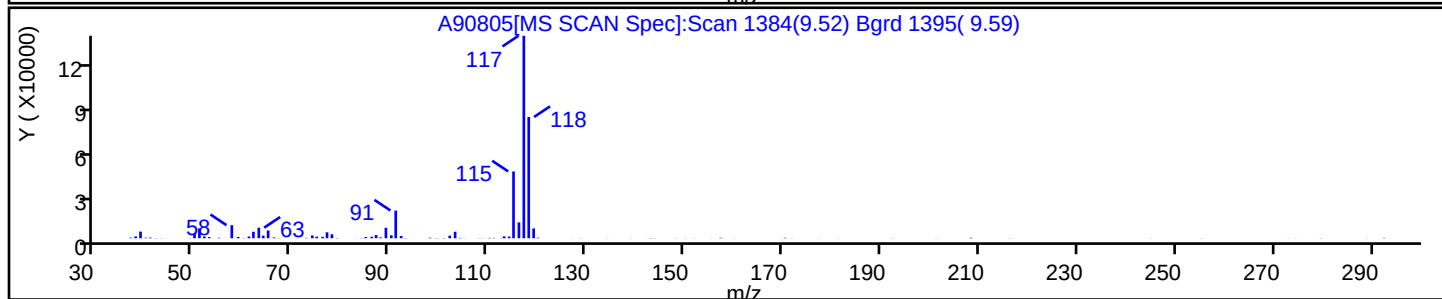
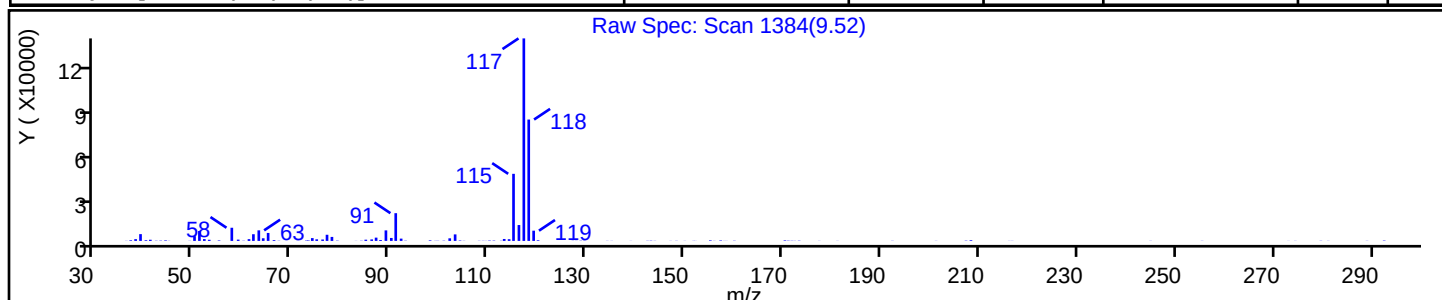
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8673	C9H10	118	94
Benzene, cyclopropyl-	873-49-4	NIST02.L	8690	C9H10	118	87
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-ene	1000191-13-7	NIST02.L	8706	C9H10	118	64



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-2A RA Lab Sample ID: 460-212426-1 RA
 Matrix: Water Lab File ID: F98180.D
 Analysis Method: 8260C Date Collected: 06/30/2020 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2020 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	7.9		5.0	4.4
71-43-2	Benzene	12		1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-2A RA Lab Sample ID: 460-212426-1 RA
 Matrix: Water Lab File ID: F98180.D
 Analysis Method: 8260C Date Collected: 06/30/2020 10:10
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2020 00:10
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	1.2		1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-123
460-00-4	Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-2A RA</u>	Lab Sample ID: <u>460-212426-1 RA</u>
Matrix: <u>Water</u>	Lab File ID: <u>F98180.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/30/2020 10:10</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/08/2020 00:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>706558</u>	Units: <u>ug/L</u>
Number TICs Found: <u>1</u>	TIC Result Total: <u>20</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	11.07	20	J N	95%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D
 Lims ID: 460-212426-C-1
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 08-Jul-2020 00:10:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-C-1
 Misc. Info.: 460-0112863-013
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 11:36:15 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: xuyvo

Date: 08-Jul-2020 10:33:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.848	2.848	0.000	93	7479	7.89	
* 31 TBA-d9 (IS)	65	3.168	3.176	-0.008	0	230223	1000.0	
* 42 2-Butanone-d5	46	4.212	4.220	-0.008	0	246022	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.680	-0.008	96	94118	51.5	
59 Benzene	78	5.009	5.017	-0.008	93	112015	12.2	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.025	-0.008	0	104397	46.2	
* 65 Fluorobenzene	96	5.288	5.296	-0.008	99	412516	50.0	
* 71 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	23176	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.940	6.948	-0.008	99	392754	48.2	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	295696	50.0	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	12560	1.17	
\$ 104 4-Bromofluorobenzene	174	10.013	10.021	-0.008	87	118824	55.1	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.908	-0.008	95	173017	50.0	

Reagents:

VOA6IS/SURR_00036

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D
 Lims ID: 460-212426-C-1
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 08-Jul-2020 00:10:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-C-1
 Misc. Info.: 460-0112863-013
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 11:36:15 Calib Date: 01-Jul-2020 18:44:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 10
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057
 First Level Reviewer: xuyvo Date: 08-Jul-2020 10:33:03

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.065	387549	20.0	120	95	8676	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 120 1,4-Dichlorobenzene-d4	10.900	970745	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00036 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D

Injection Date: 08-Jul-2020 00:10:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-212426-C-1

Lab Sample ID: 460-212426-1

Worklist Smp#: 13

Client ID: MW-2A

Purge Vol: 5.000 mL

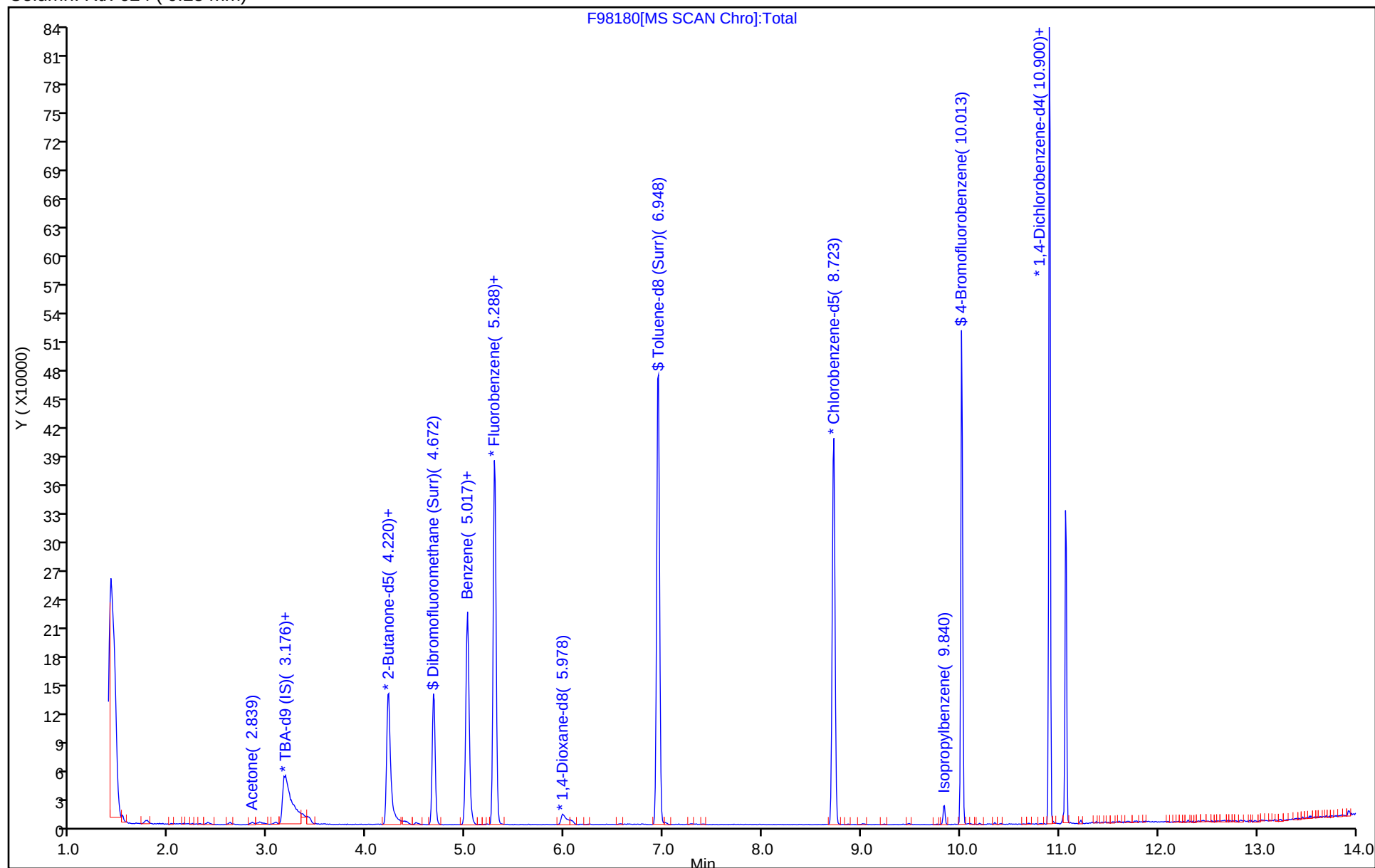
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D

Injection Date: 08-Jul-2020 00:10:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

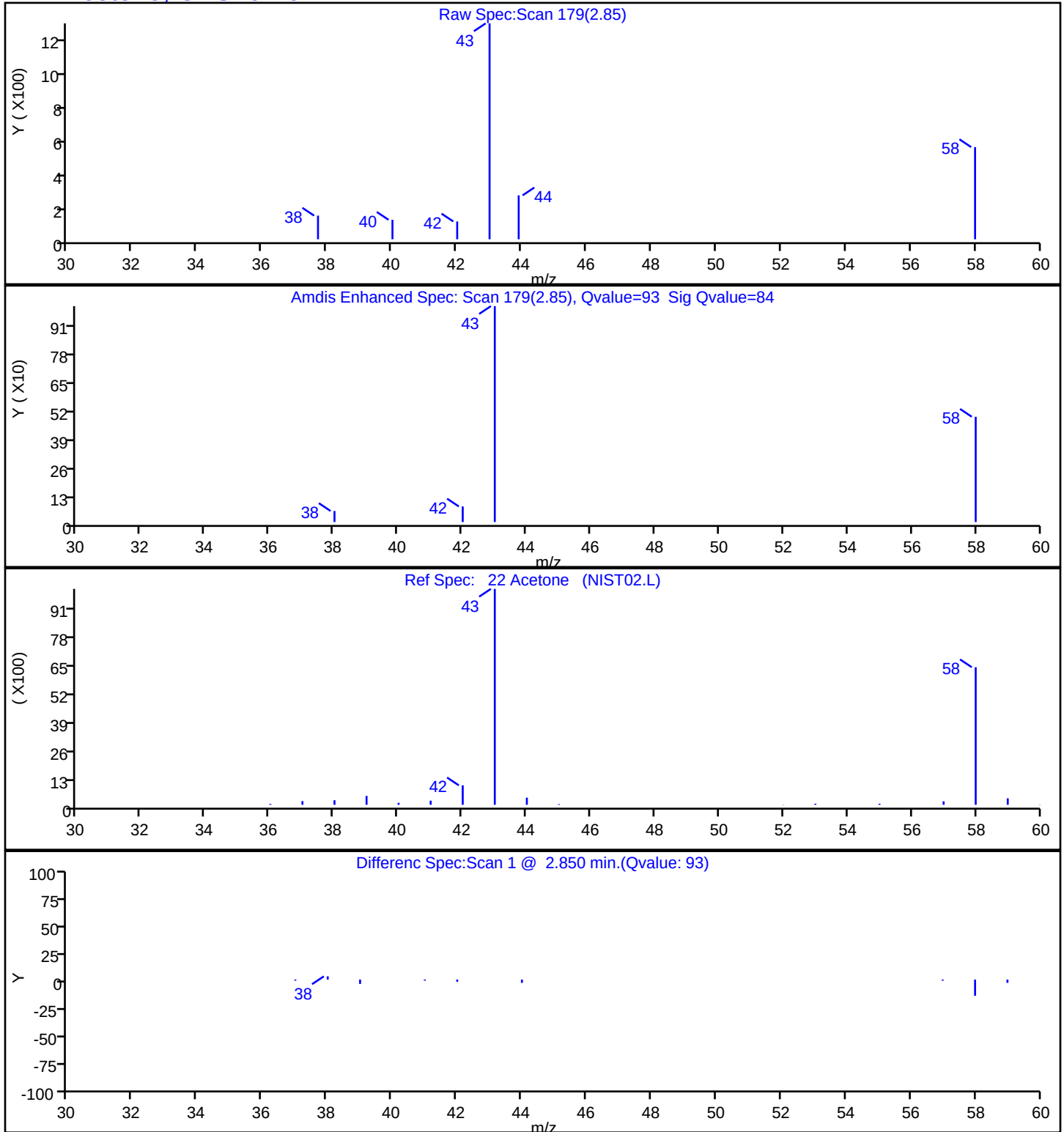
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D

Injection Date: 08-Jul-2020 00:10:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

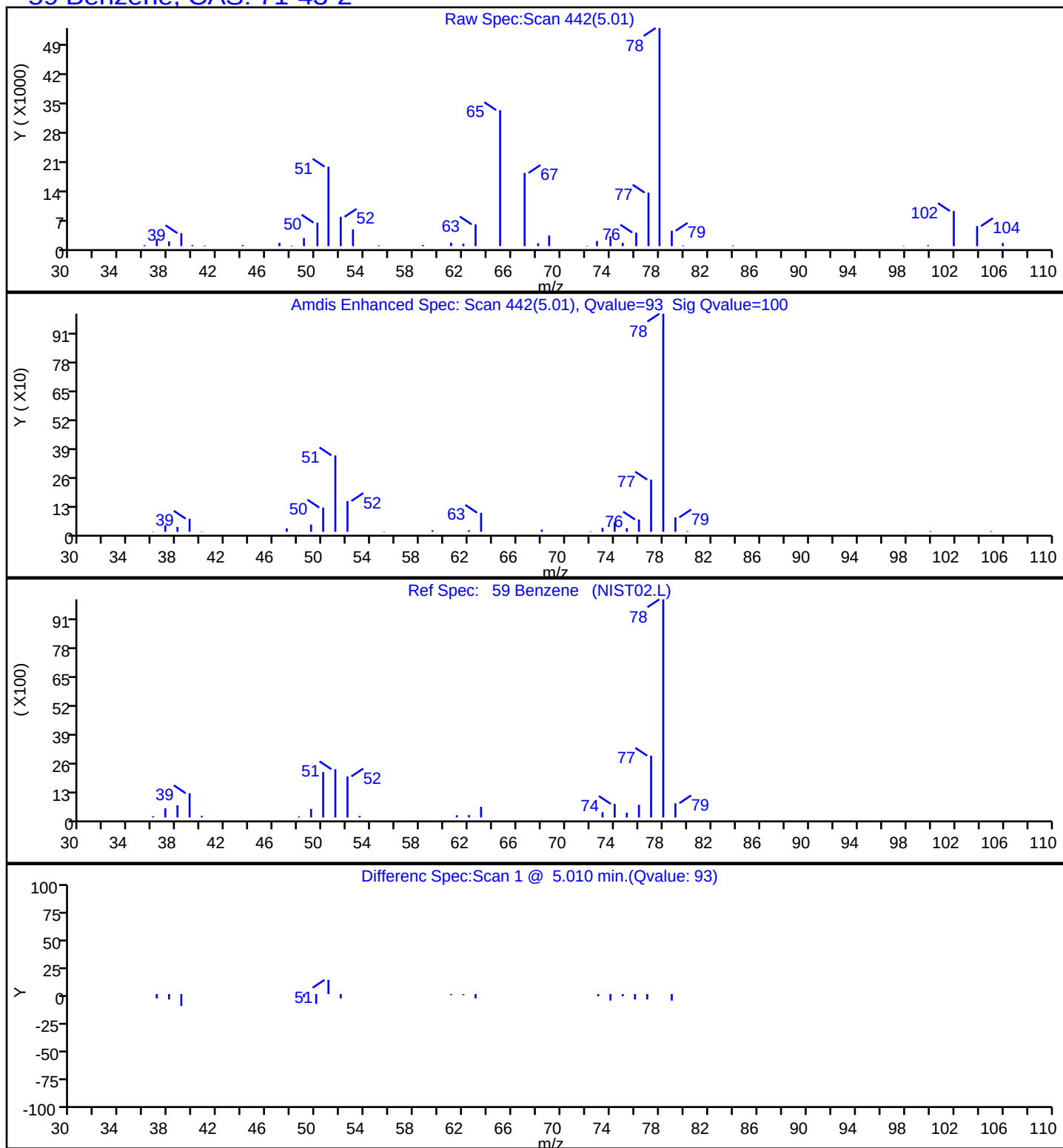
Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Benzene, CAS: 71-43-2

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D

Injection Date: 08-Jul-2020 00:10:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

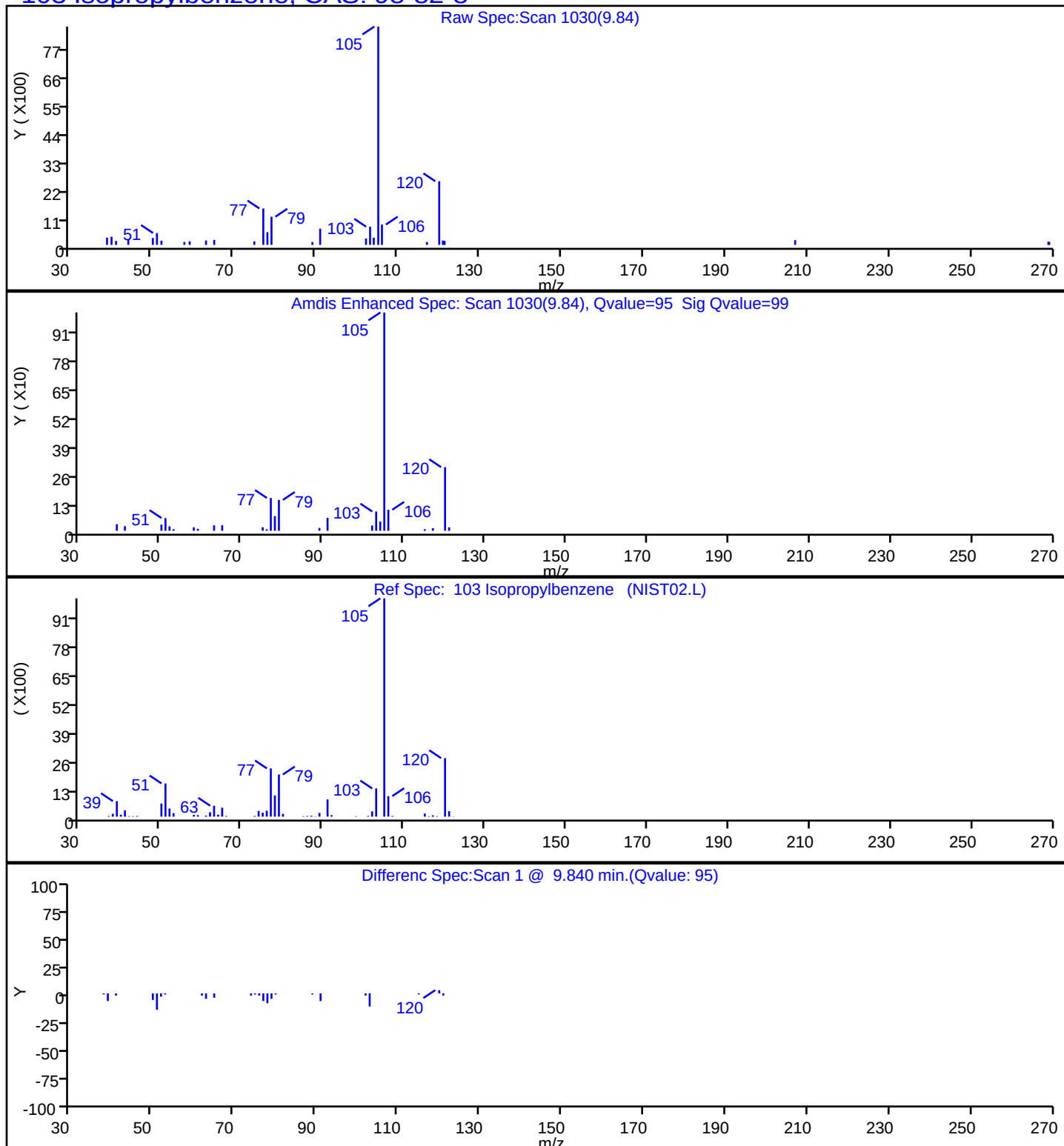
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Isopropylbenzene, CAS: 98-82-8

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98180.D

Injection Date: 08-Jul-2020 00:10:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-1

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

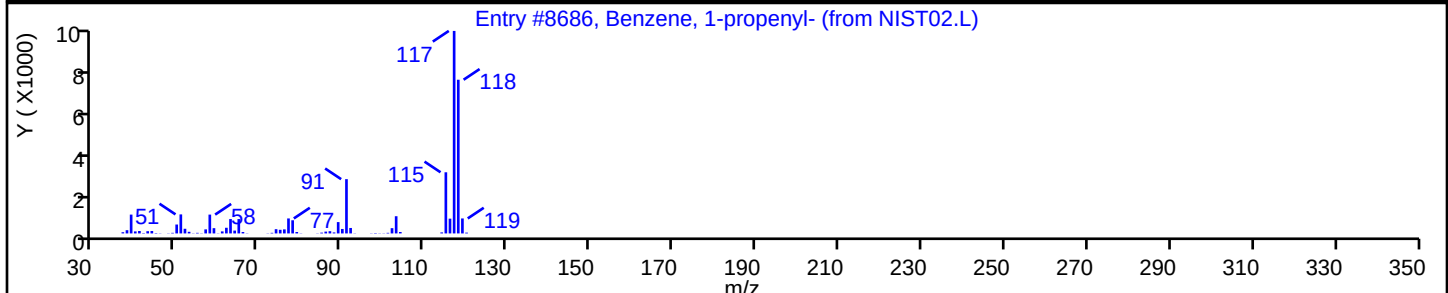
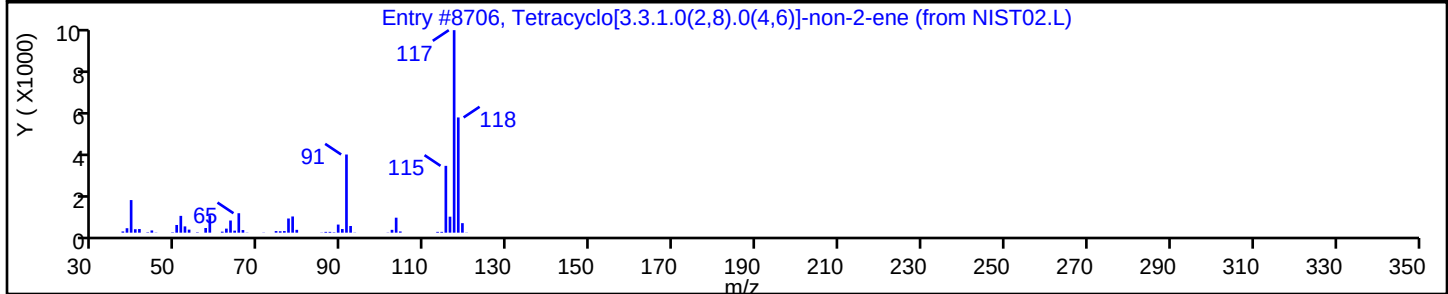
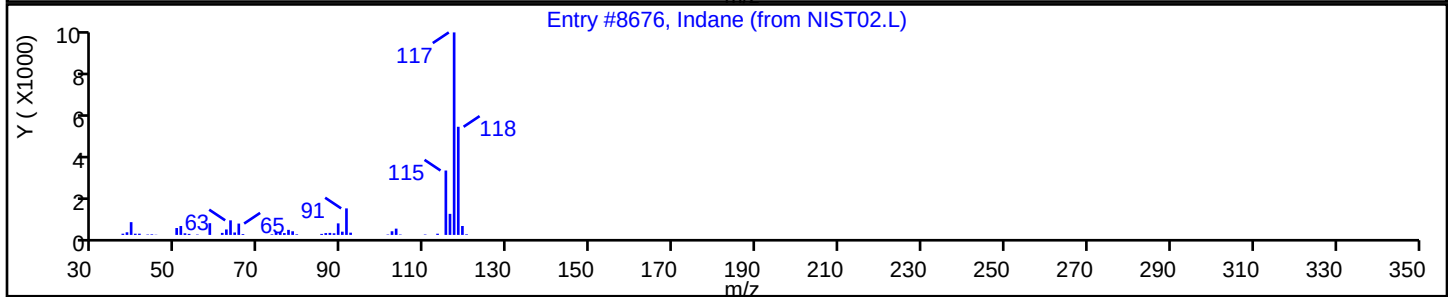
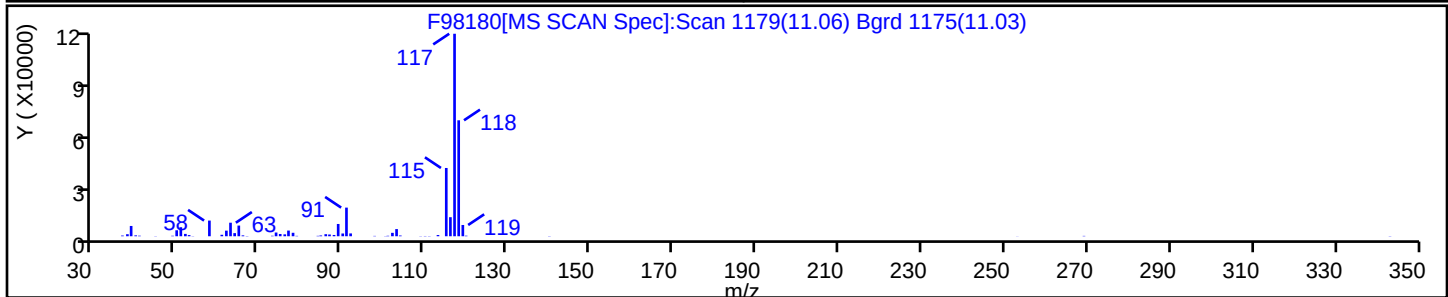
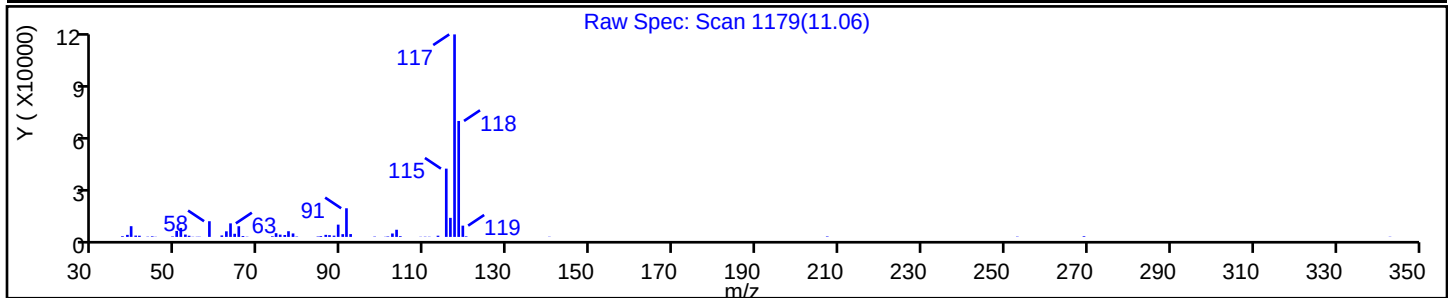
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8676	C9H10	118	95
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-ene	1000191-13-7	NIST02.L	8706	C9H10	118	83
Benzene, 1-propenyl-	637-50-3	NIST02.L	8686	C9H10	118	83



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-7A</u>	Lab Sample ID: <u>460-212426-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>A90806.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/30/2020 11:35</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2020 04:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>706284</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	6.1		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-7A Lab Sample ID: 460-212426-2
 Matrix: Water Lab File ID: A90806.D
 Analysis Method: 8260C Date Collected: 06/30/2020 11:35
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 04:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.73	J	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: MW-7A Lab Sample ID: 460-212426-2
Matrix: Water Lab File ID: A90806.D
Analysis Method: 8260C Date Collected: 06/30/2020 11:35
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 04:09
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 706284 Units: ug/L
Number TICs Found: 2 TIC Result Total: 15.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	9.52	9.1	J N	91%
768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	10.42	6.7	J N	94%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D
 Lims ID: 460-212426-C-2
 Client ID: MW-7A
 Sample Type: Client
 Inject. Date: 07-Jul-2020 04:09:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-c-2
 Misc. Info.: 460-0112801-025
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: asfawa

Date: 07-Jul-2020 08:43:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	58	3.287	3.281	0.006	71	2417	6.14	
* 31 TBA-d9 (IS)	65	3.665	3.666	-0.001	33	336149	1000.0	
33 Methyl tert-butyl ether	73	3.830	3.830	0.000	71	5829	0.7327	
* 42 2-Butanone-d5	46	4.665	4.659	0.006	87	307482	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.062	0.000	97	137300	50.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	38	150100	48.0	
* 66 Fluorobenzene	96	5.561	5.555	0.006	99	588567	50.0	
* 72 1,4-Dioxane-d8	96	6.135	6.128	0.006	22	40604	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	524241	50.4	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	411879	50.0	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	95	163328	54.2	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	240144	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00209 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D
 Lims ID: 460-212426-C-2
 Client ID: MW-7A
 Sample Type: Client
 Inject. Date: 07-Jul-2020 04:09:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-c-2
 Misc. Info.: 460-0112801-025
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 60
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047
 First Level Reviewer: asfawa Date: 07-Jul-2020 08:43:50

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7	Indane							
9.518	241710	9.11	121	91	8674	C9H10	118	
768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-							
10.420	176722	6.66	121	94	13625	C10H12	132	

Quantitation Compounds

Compound	RT	Area	Amount ug/l

* 121 1,4-Dichlorobenzene-d4 9.372 1326637 50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00209 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Worklist Smp#: 25

Client ID: MW-7A

Purge Vol: 5.000 mL

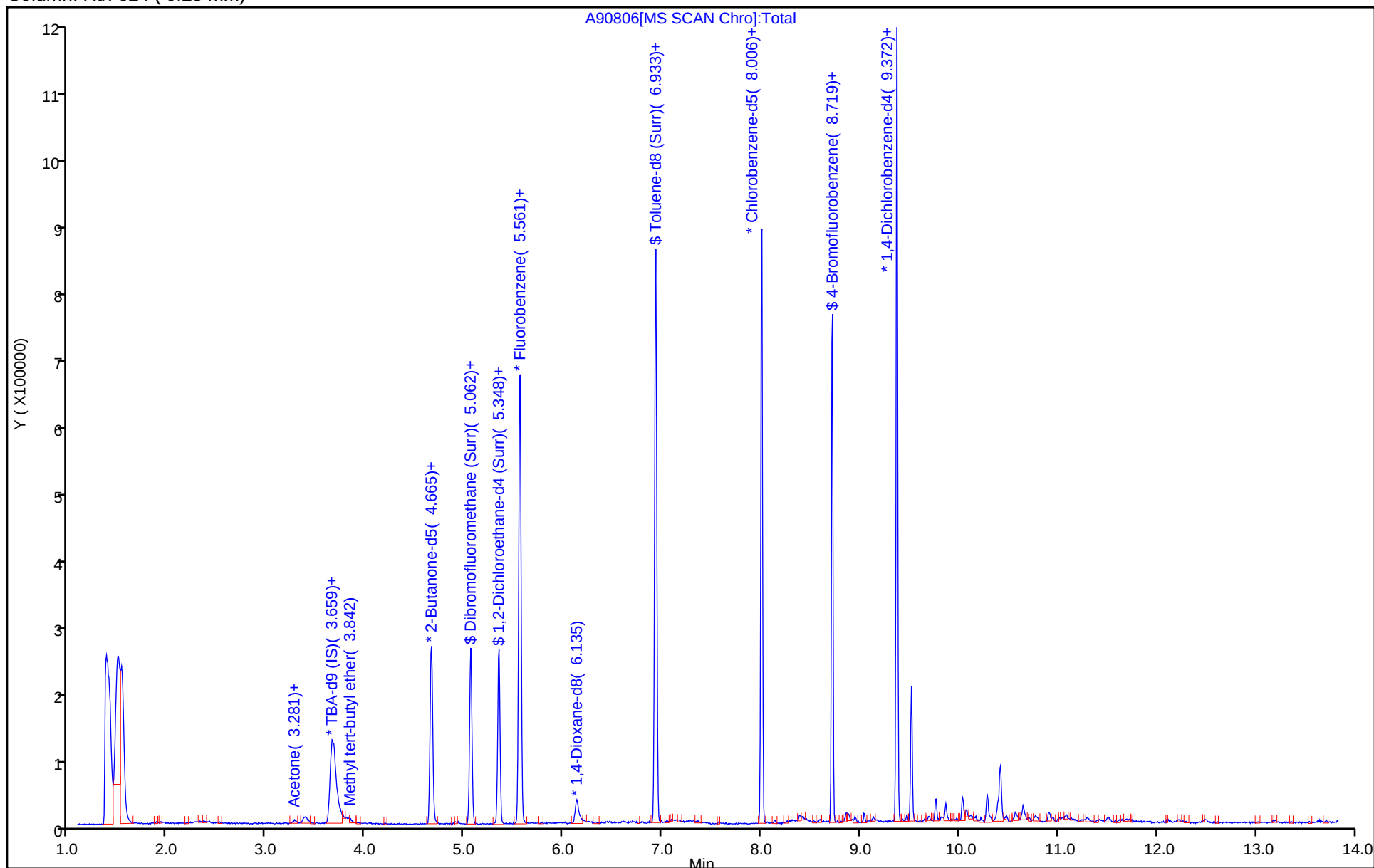
Dil. Factor: 1.0000

ALS Bottle#: 24

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

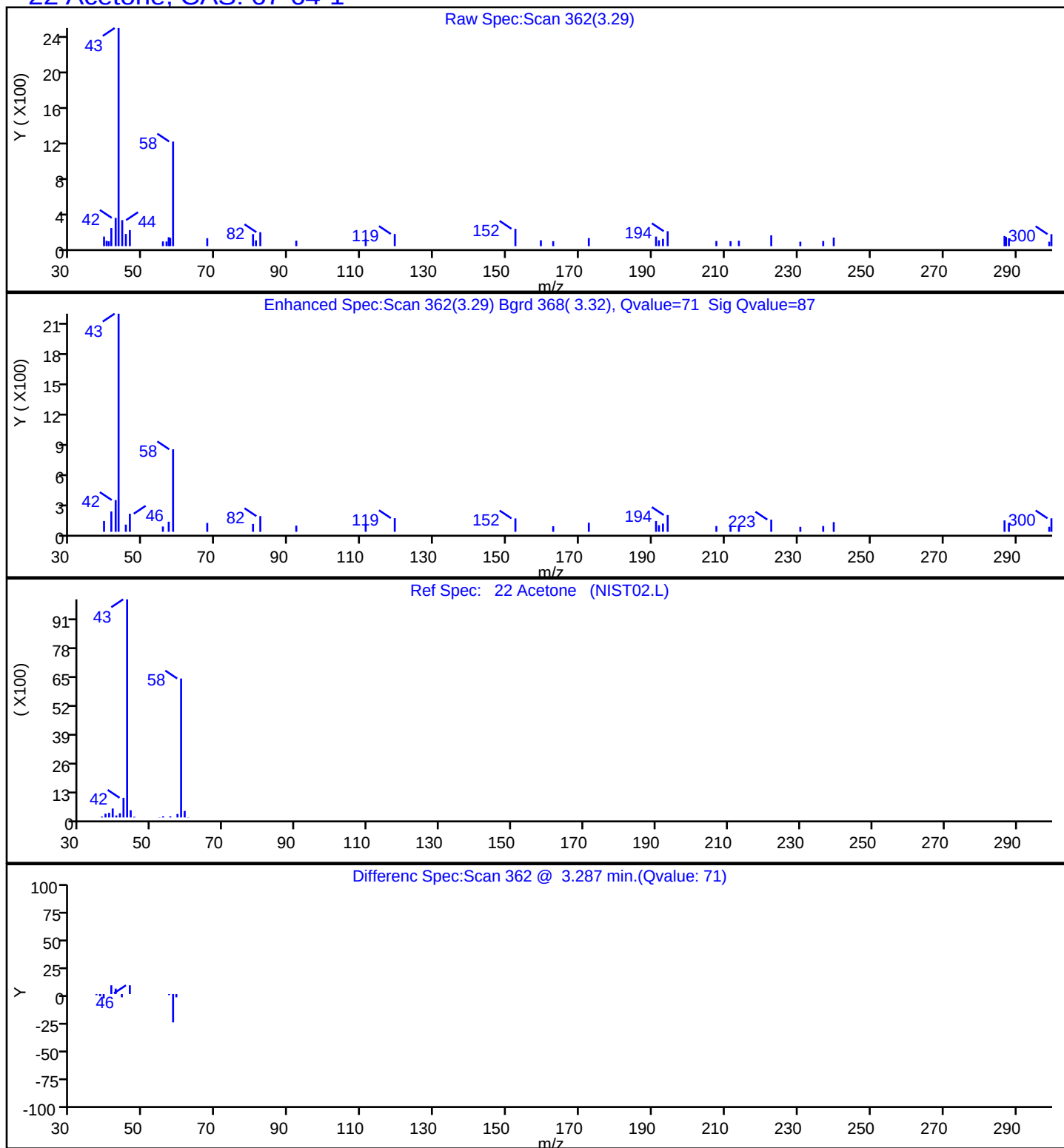
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

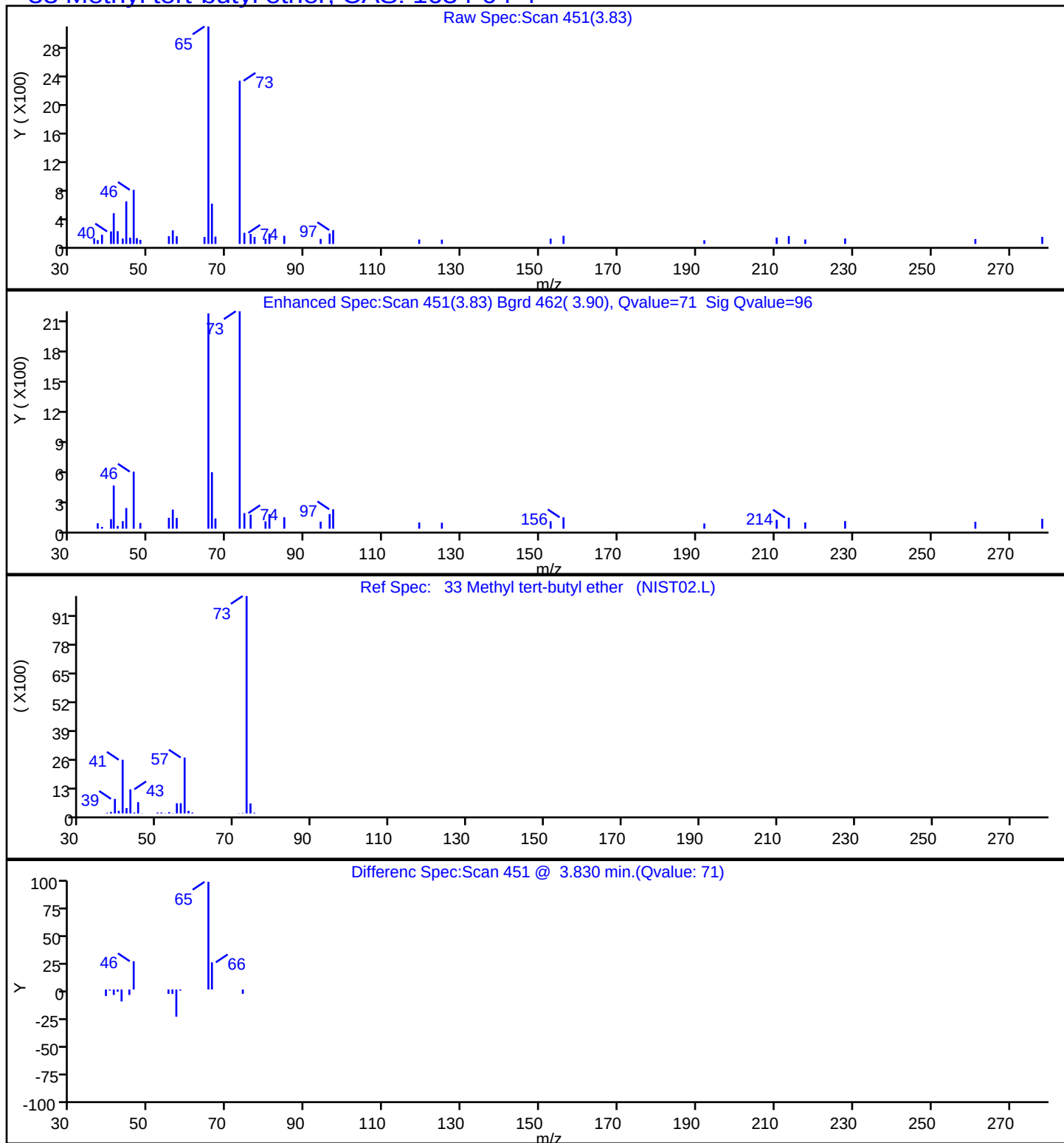
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

33 Methyl tert-butyl ether, CAS: 1634-04-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#:

24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

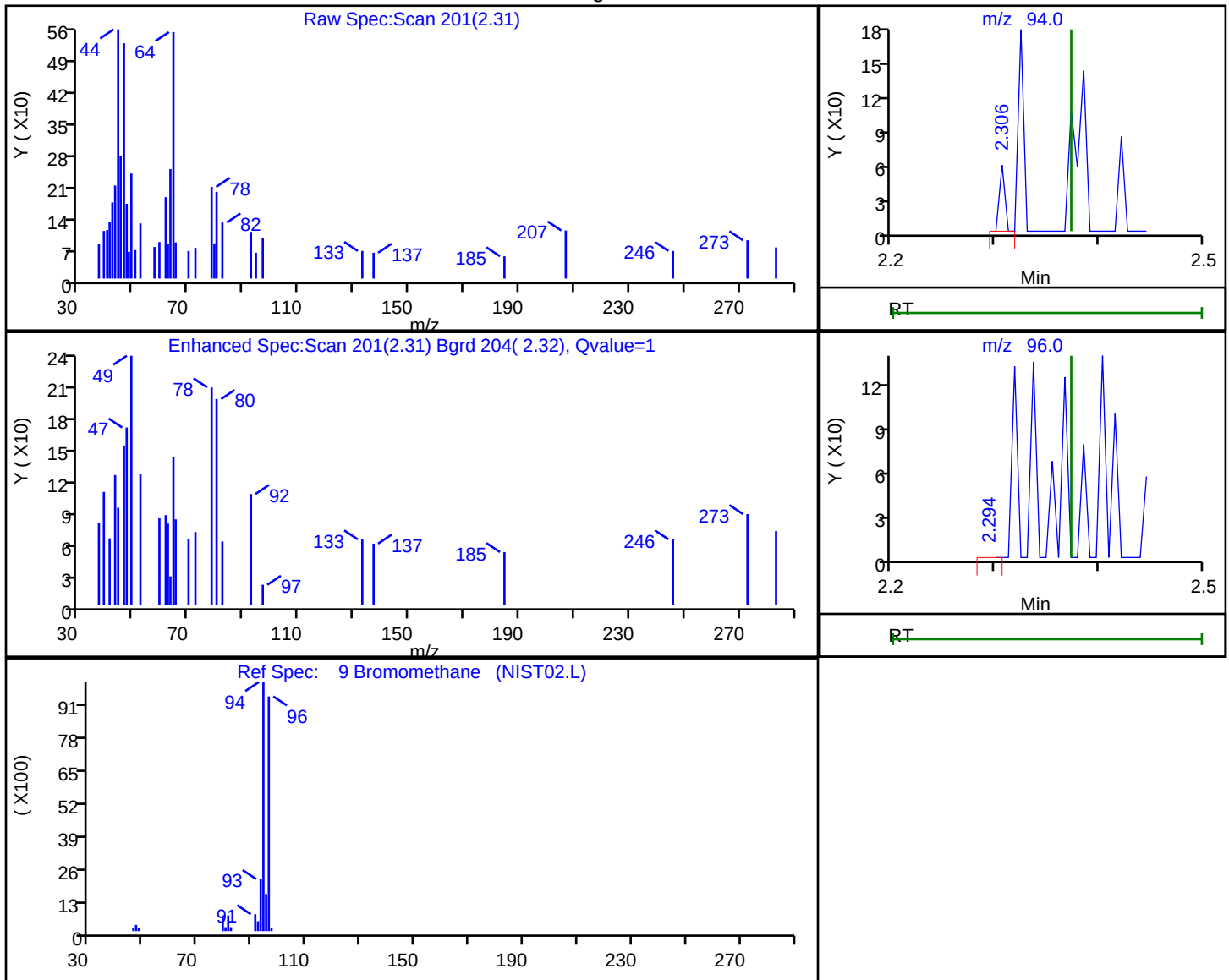
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.31	94.00	21	0.005232
2.29	96.00	20	

Reviewer: asfawa, 07-Jul-2020 08:43:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

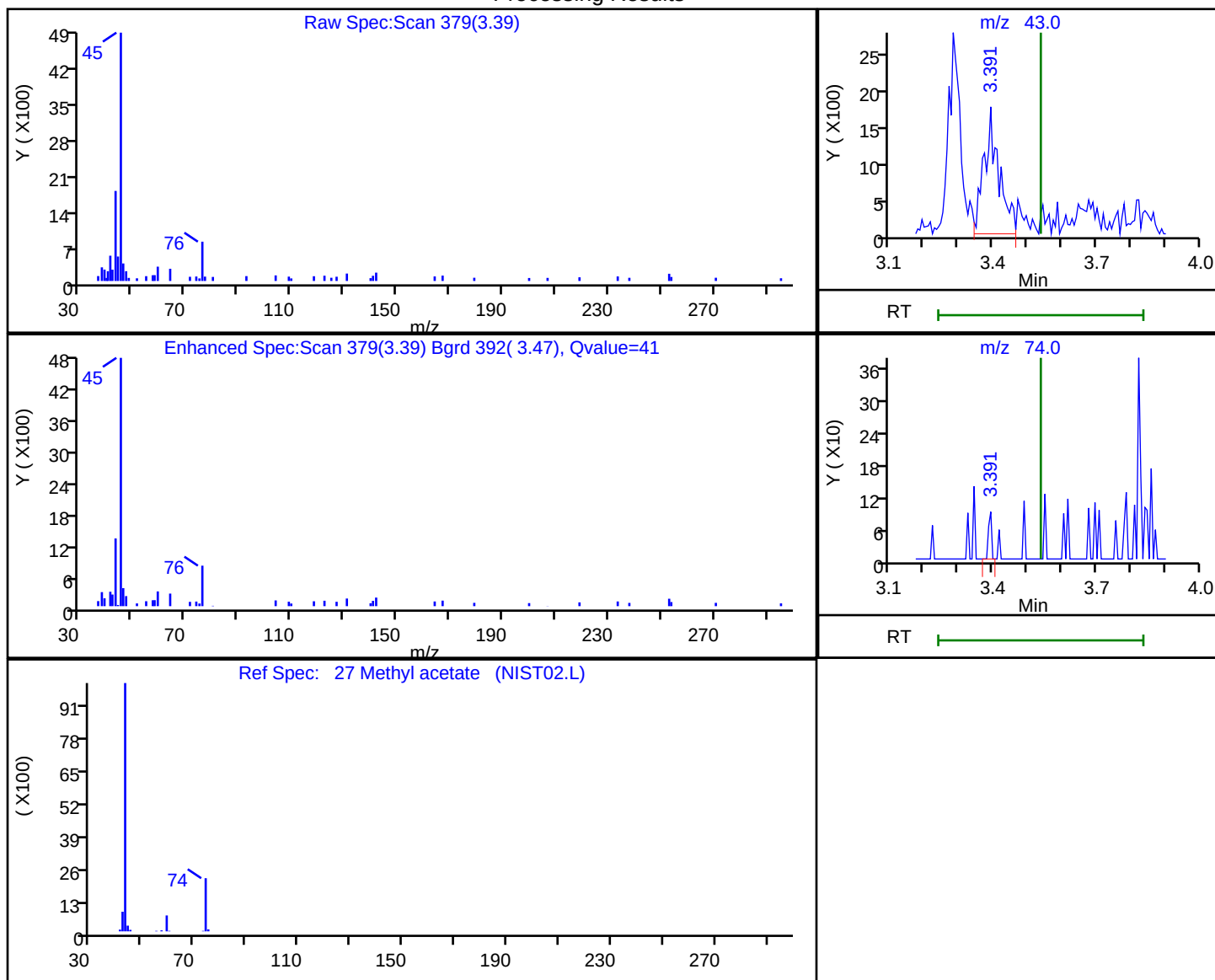
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.39	43.00	5373	2.241899
3.39	74.00	54	

Reviewer: asfawa, 07-Jul-2020 08:43:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

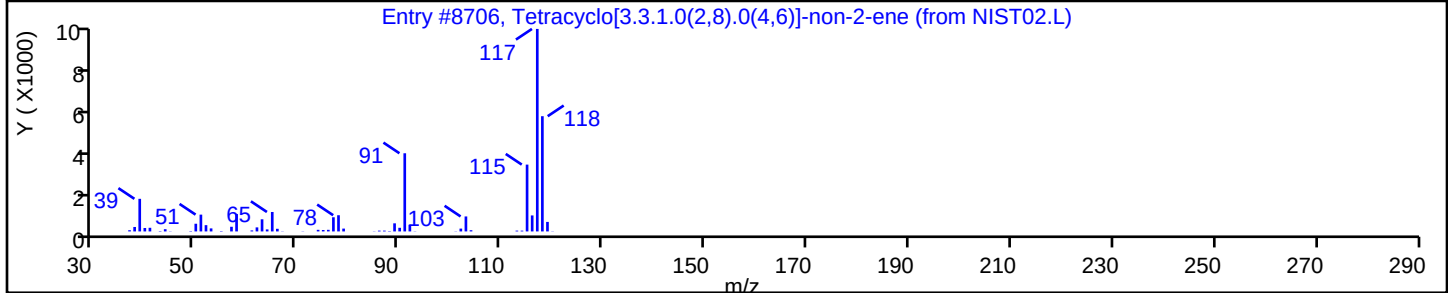
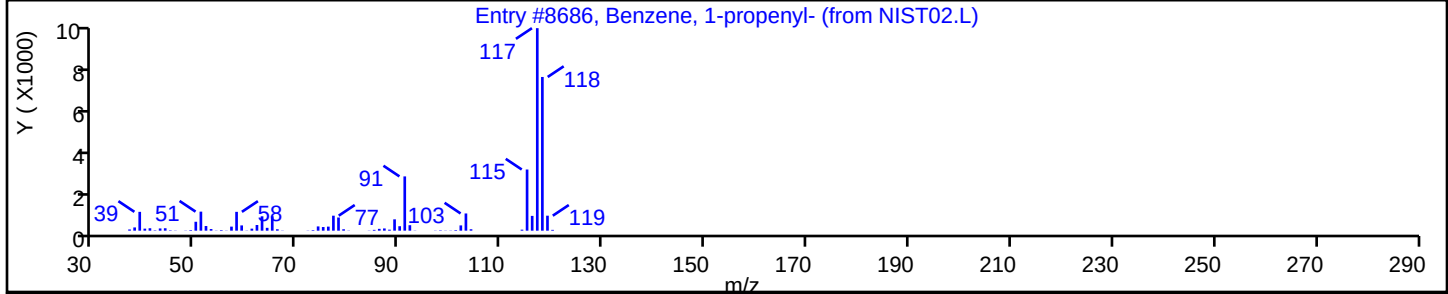
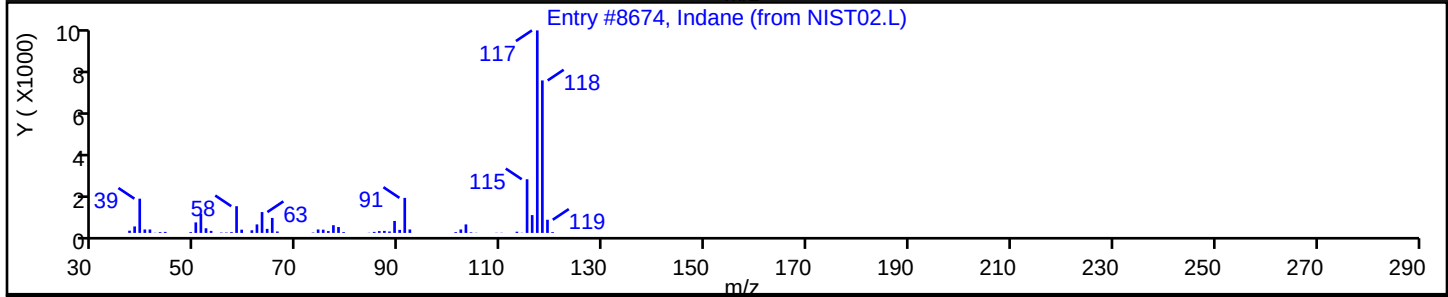
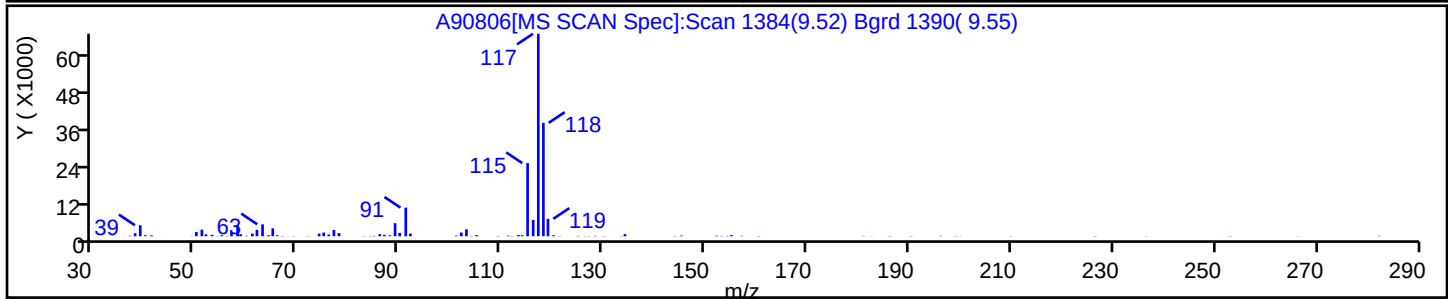
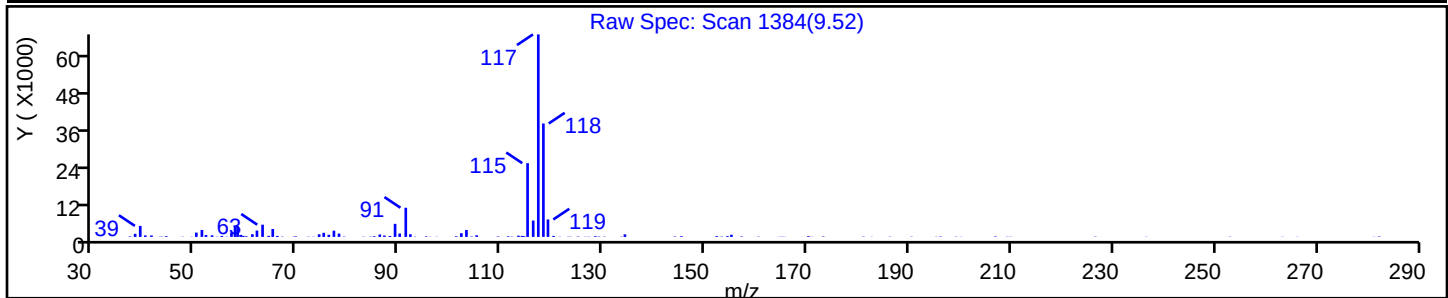
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8674	C9H10	118	91
Benzene, 1-propenyl-	637-50-3	NIST02.L	8686	C9H10	118	81
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-ene	1000191-13-7	NIST02.L	8706	C9H10	118	80



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90806.D

Injection Date: 07-Jul-2020 04:09:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-C-2

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID: VOA GC/MS1

ALS Bottle#: 24

Worklist Smp#: 25

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

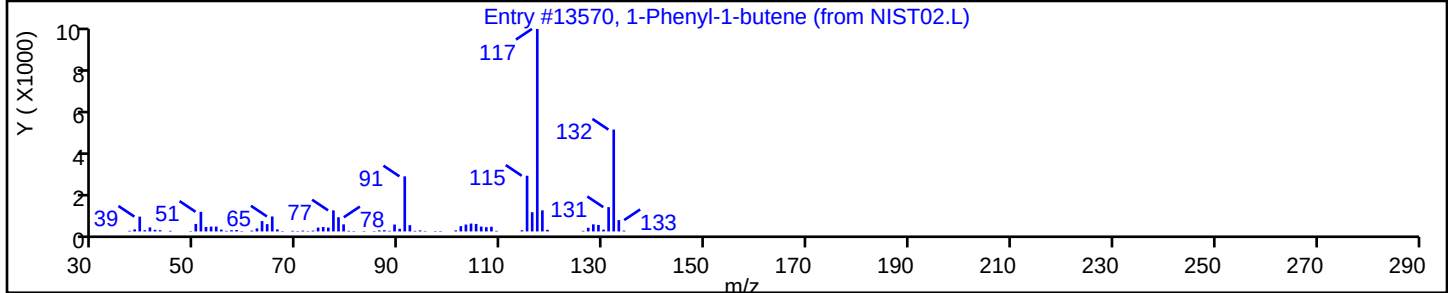
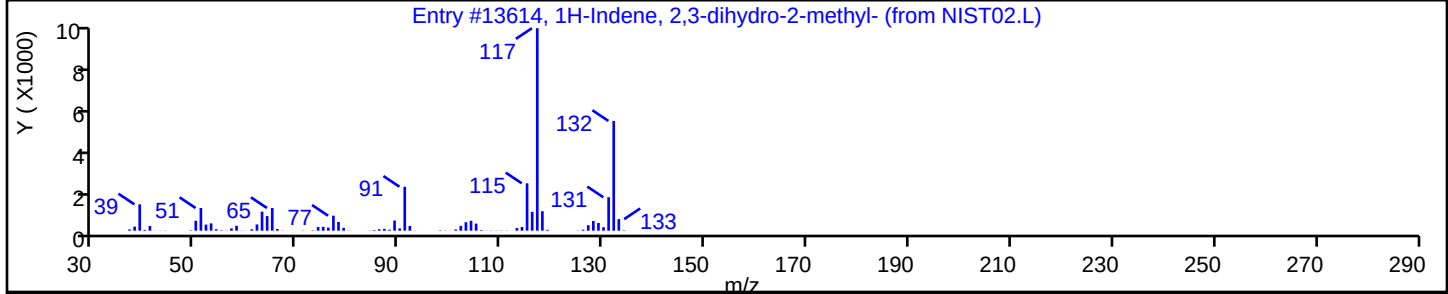
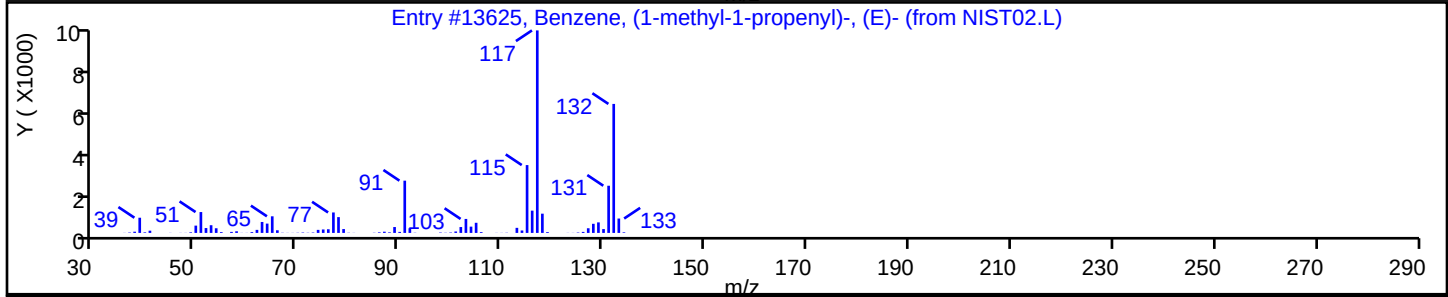
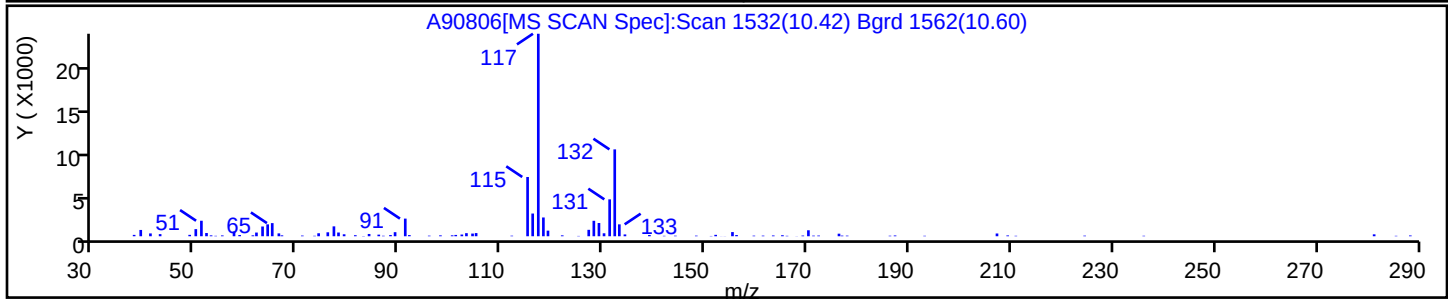
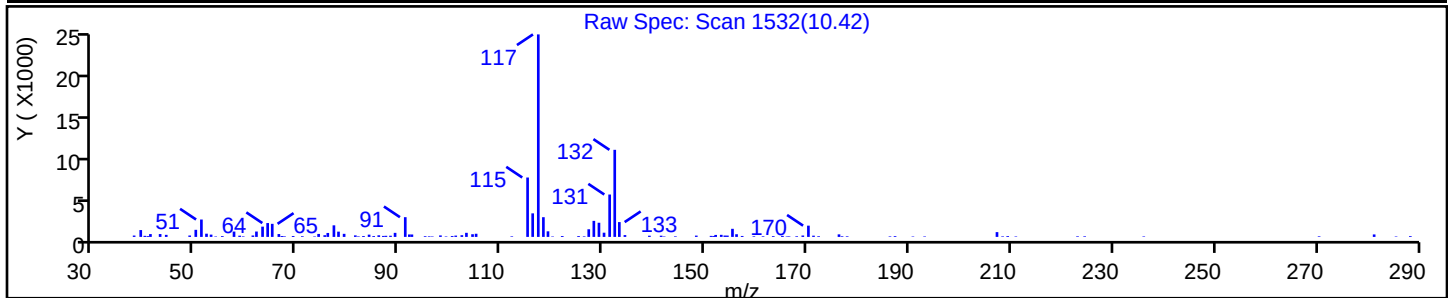
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, (1-methyl-1-propenyl)-, (E)-	768-00-3	NIST02.L	13625	C10H12	132	94
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.L	13614	C10H12	132	91
1-Phenyl-1-butene	824-90-8	NIST02.L	13570	C10H12	132	91



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: Dup Lab Sample ID: 460-212426-3
 Matrix: Water Lab File ID: A90807.D
 Analysis Method: 8260C Date Collected: 06/30/2020 00:00
 Sample wt/vol: 5(mL) Date Analyzed: 07/07/2020 04:32
 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.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	6.0		5.0	4.4
71-43-2	Benzene	20		1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: Dup Lab Sample ID: 460-212426-3
 Matrix: Water Lab File ID: A90807.D
 Analysis Method: 8260C Date Collected: 06/30/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 04:32
 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.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	1.1		1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-123
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>Dup</u>	Lab Sample ID: <u>460-212426-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>A90807.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>06/30/2020 00:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>07/07/2020 04:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>Rtx-624</u> ID: <u>0.25 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>706284</u>	Units: <u>ug/L</u>
Number TICs Found: <u>1</u>	TIC Result Total: <u>22</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	9.52	22	J N	95%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D
 Lims ID: 460-212426-A-3
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 07-Jul-2020 04:32:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-a-3
 Misc. Info.: 460-0112801-026
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: asfawa

Date: 07-Jul-2020 08:45:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	58	3.288	3.281	0.007	80	2252	5.99	M
* 31 TBA-d9 (IS)	65	3.672	3.666	0.006	33	334809	1000.0	
* 42 2-Butanone-d5	46	4.665	4.659	0.006	87	293547	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.062	0.000	98	126729	47.5	
60 Benzene	78	5.336	5.336	0.000	95	249374	20.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	90	135423	44.5	
* 66 Fluorobenzene	96	5.562	5.555	0.007	99	572714	50.0	
* 72 1,4-Dioxane-d8	96	6.135	6.128	0.007	22	38442	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	484605	47.6	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	403037	50.0	
104 Isopropylbenzene	105	8.591	8.591	0.000	96	15746	1.08	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	95	151795	51.5	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	226110	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00129

Amount Added: 1.00

Units: uL

Run Reagent

8260SURR250_00209

Amount Added: 1.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D
 Lims ID: 460-212426-A-3
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 07-Jul-2020 04:32:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-a-3
 Misc. Info.: 460-0112801-026
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:43:16 Calib Date: 11-Jun-2020 04:26:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 60
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047
 First Level Reviewer: asfawa Date: 07-Jul-2020 08:45:08

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7	Indane							
9.518	558713	22.4	121	95	8676	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 121 1,4-Dichlorobenzene-d4	9.372	1246018	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Worklist Smp#: 26

Client ID: Dup

Purge Vol: 5.000 mL

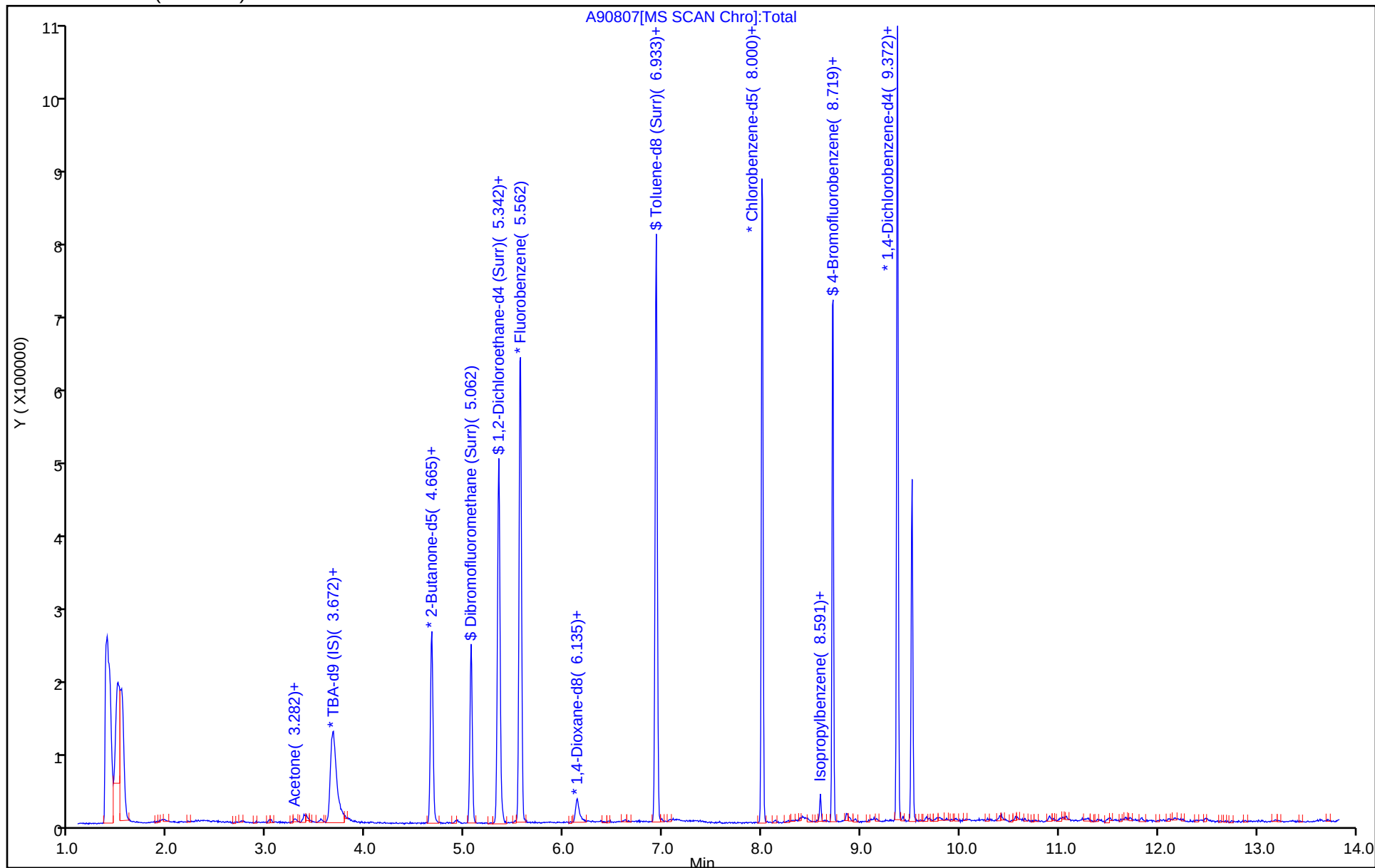
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#: 25

Worklist Smp#: 26

Purge Vol: 5.000 mL

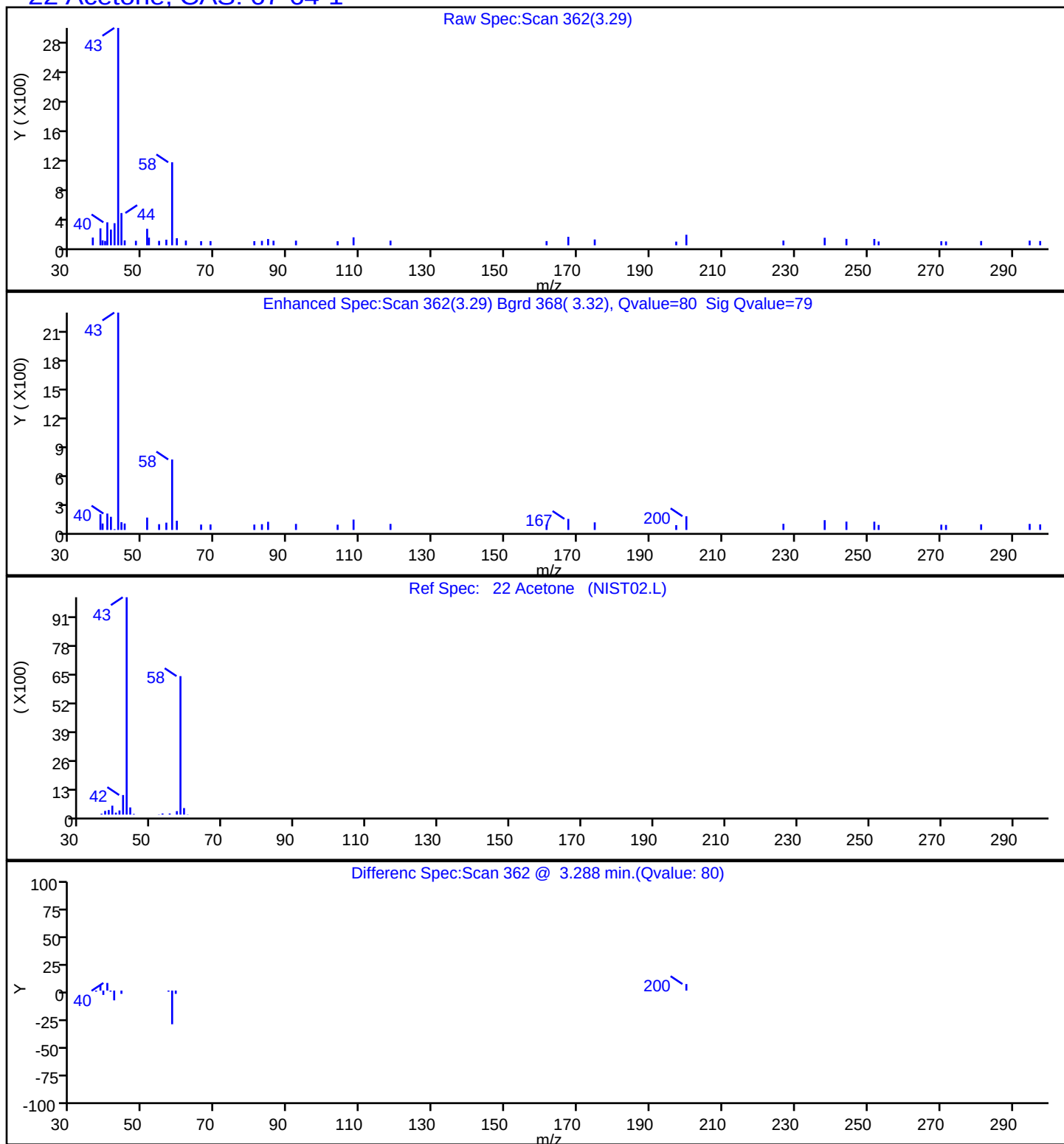
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

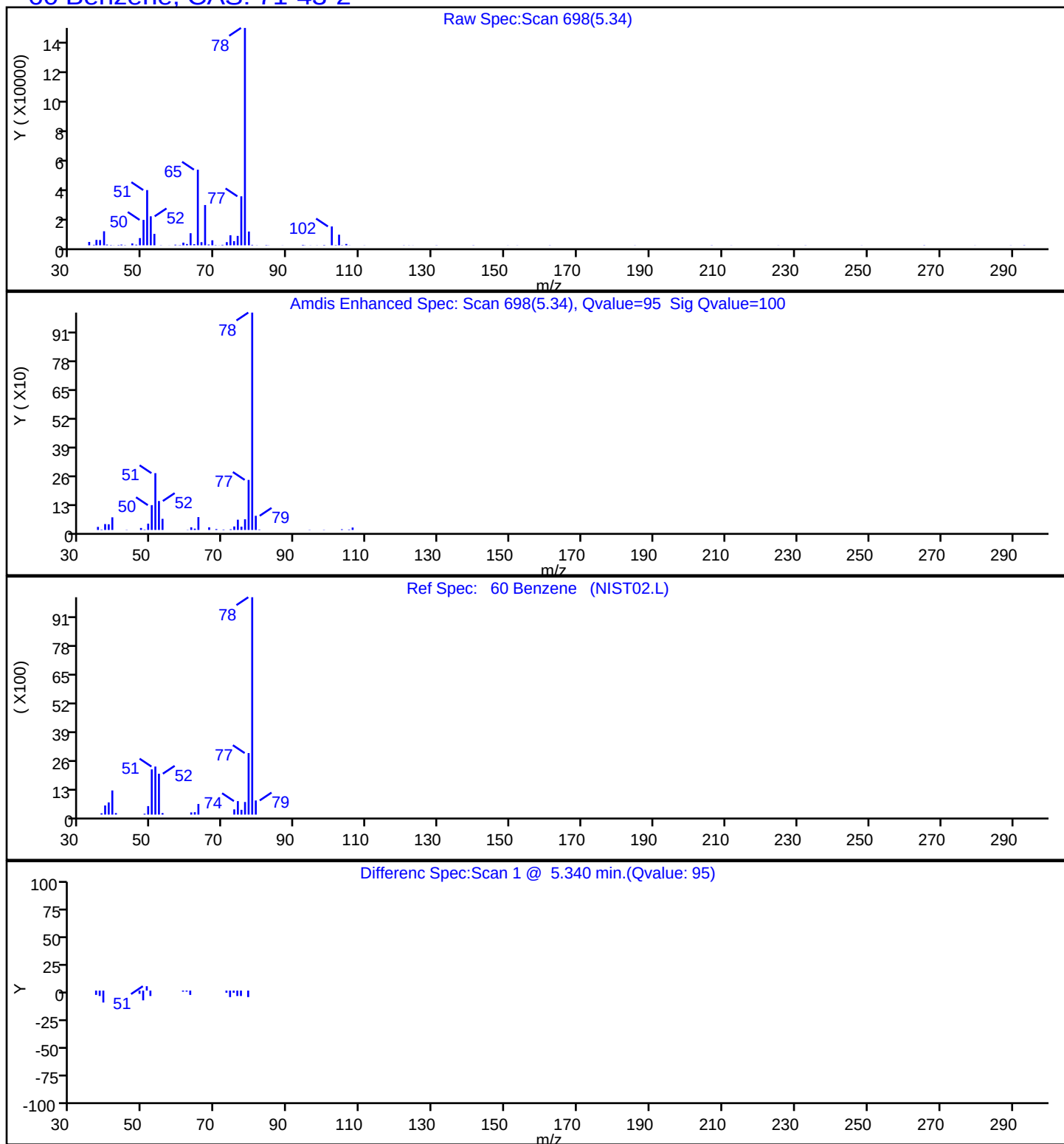
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

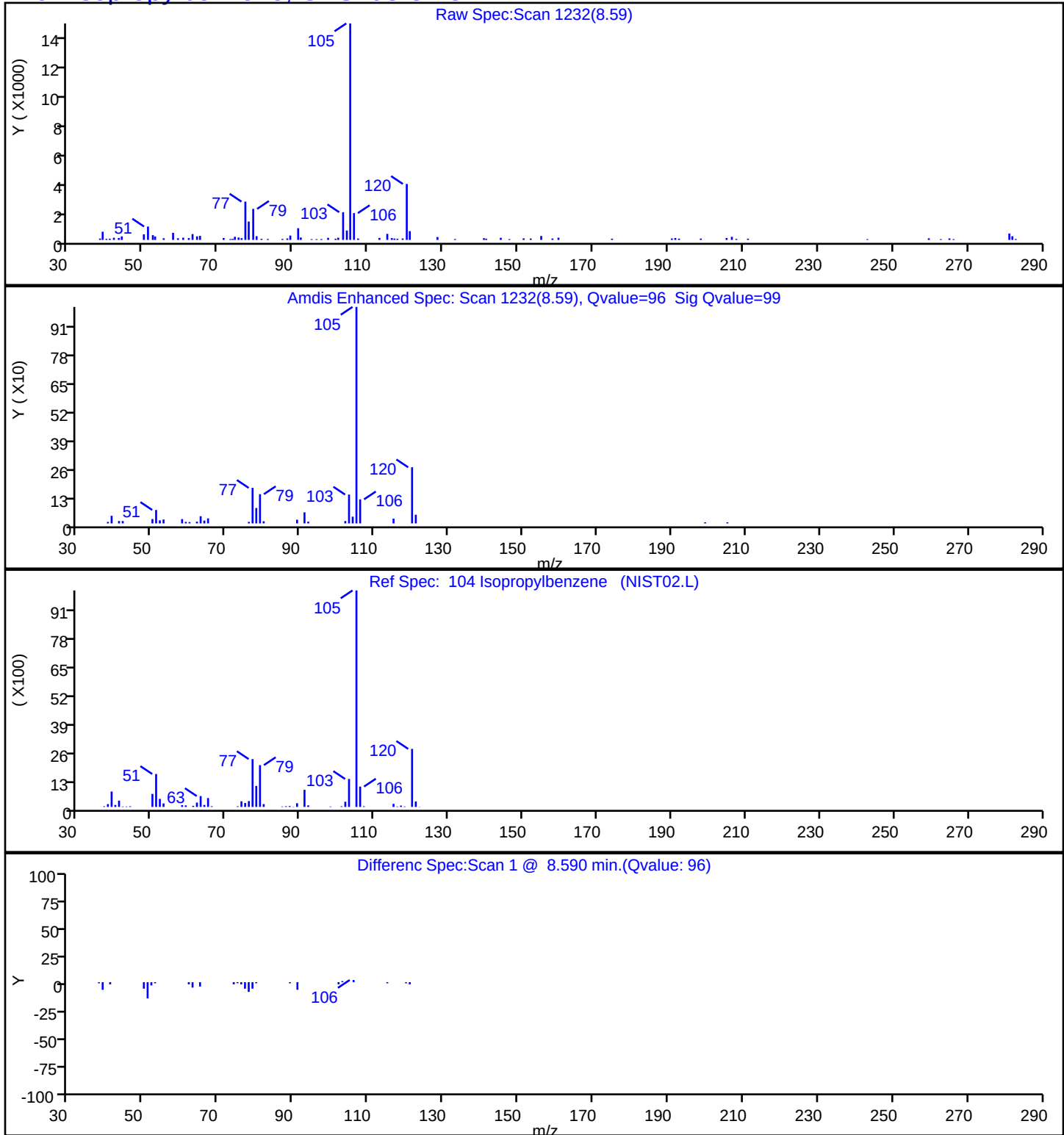
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Eurofins TestAmerica, Edison

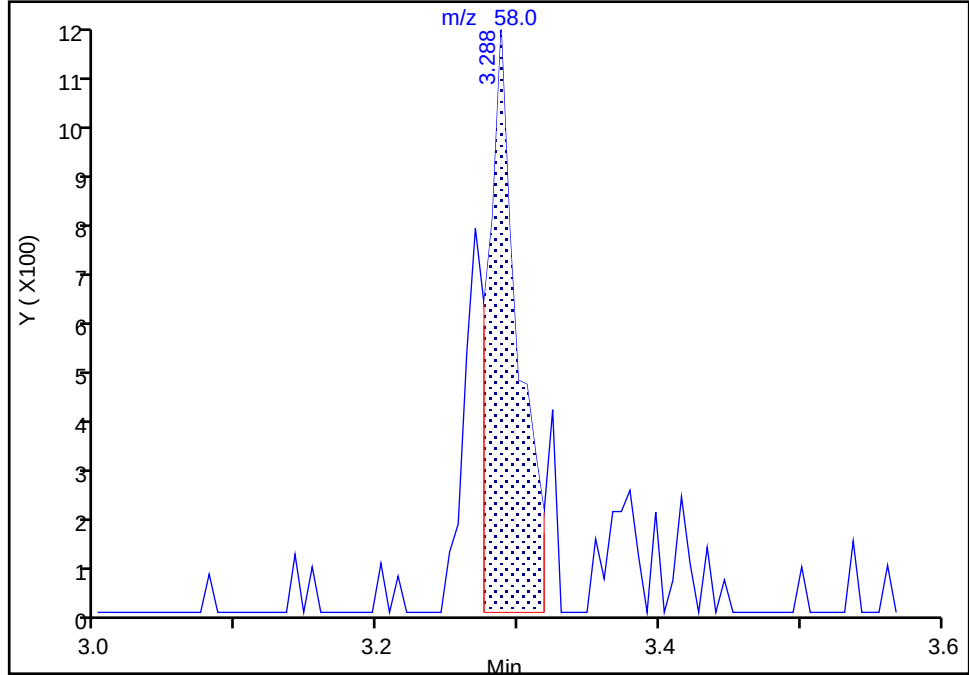
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Injection Date:	07-Jul-2020 04:32:30	Instrument ID:	CVOAMS1
Lims ID:	460-212426-A-3	Lab Sample ID:	460-212426-3
Client ID:	Dup		
Operator ID:	VOA GC/MS1	ALS Bottle#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	26

22 Acetone, CAS: 67-64-1

Signal: 1

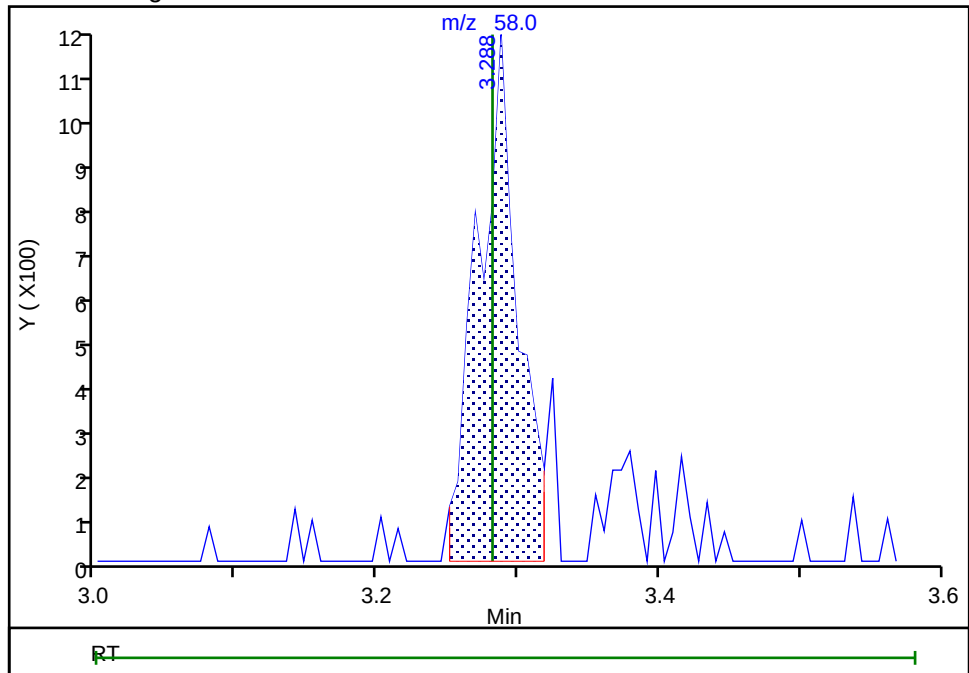
RT: 3.29
Area: 1691
Amount: 4.499134
Amount Units: ug/l

Processing Integration Results



RT: 3.29
Area: 2252
Amount: 5.991751
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 07-Jul-2020 08:44:17

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

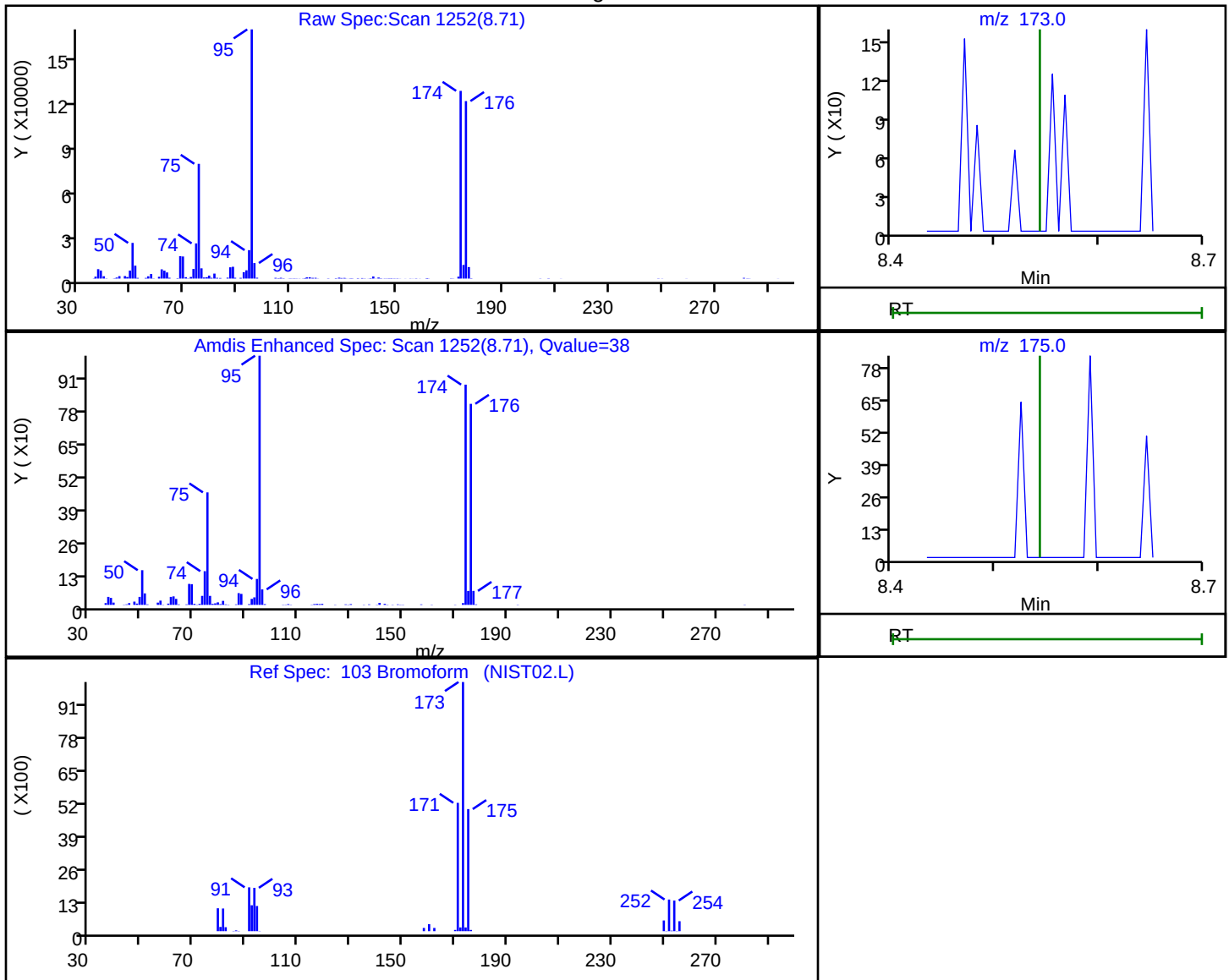
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.71	173.00	1455	1.781392
8.72	175.00	10045	

Reviewer: asfawa, 07-Jul-2020 08:44:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

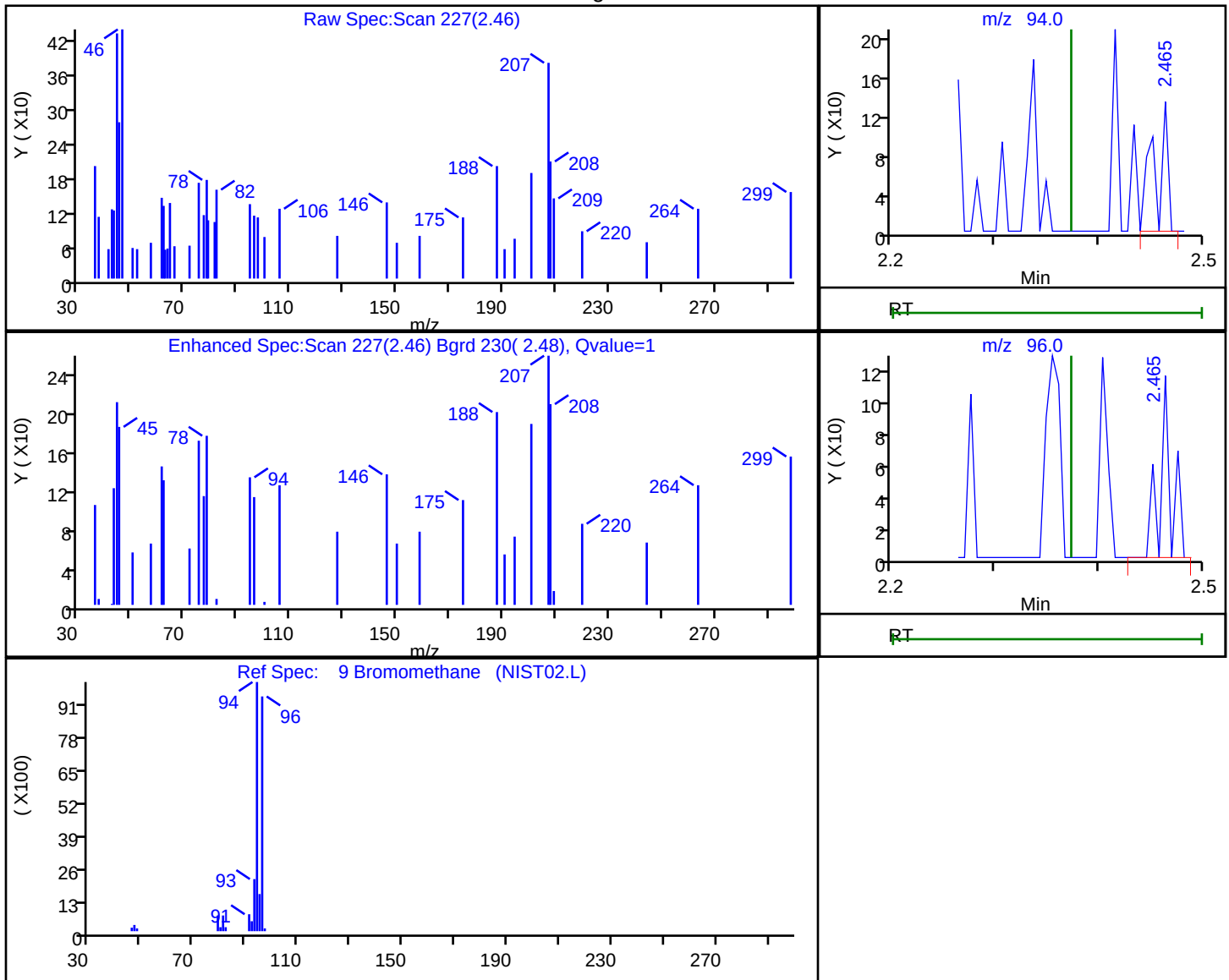
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.46	94.00	109	0.027909
2.46	96.00	84	

Reviewer: asfawa, 07-Jul-2020 08:44:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

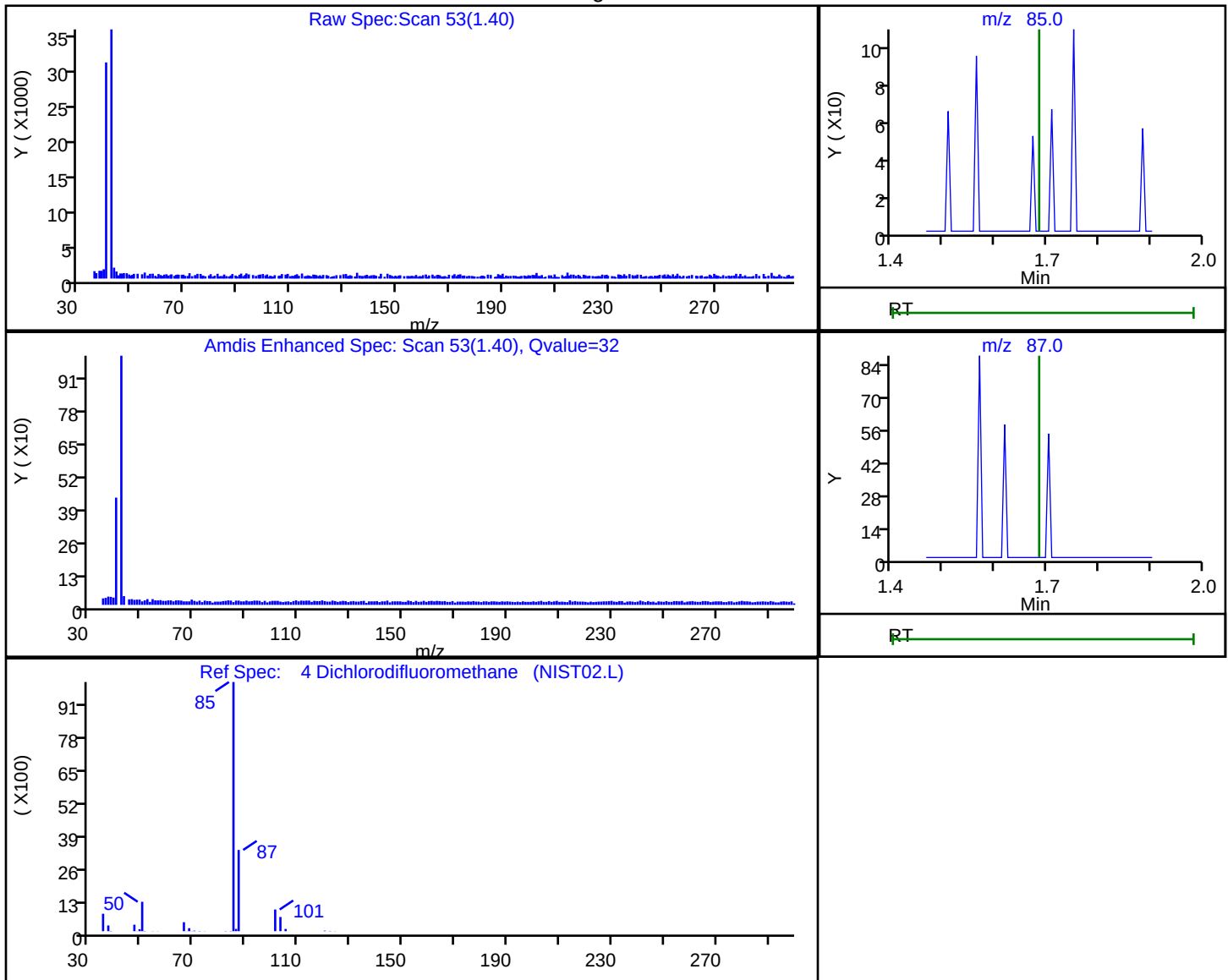
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.40	85.00	1946	0.393865
1.40	87.00	2706	

Reviewer: asfawa, 07-Jul-2020 08:44:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90807.D

Injection Date: 07-Jul-2020 04:32:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-A-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID: VOA GC/MS1

ALS Bottle#: 25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

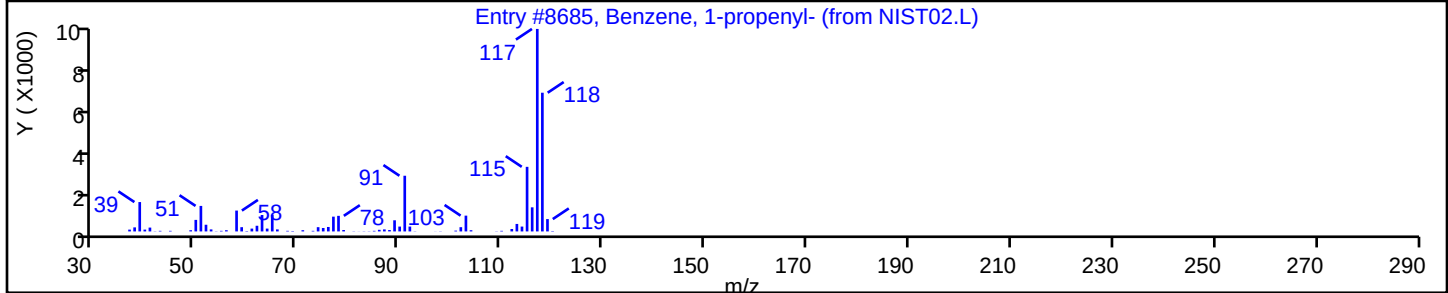
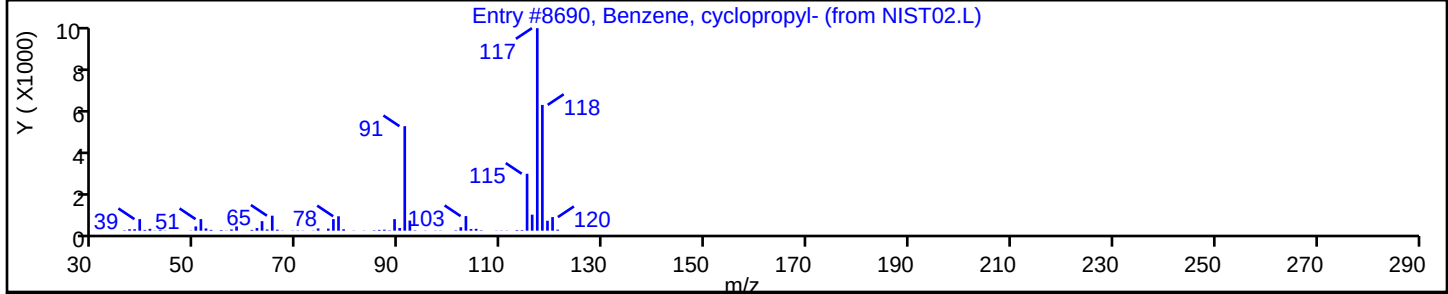
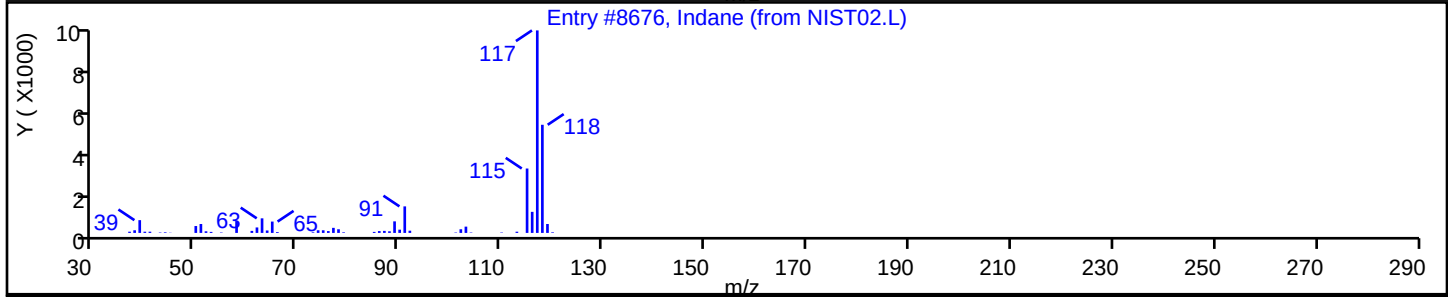
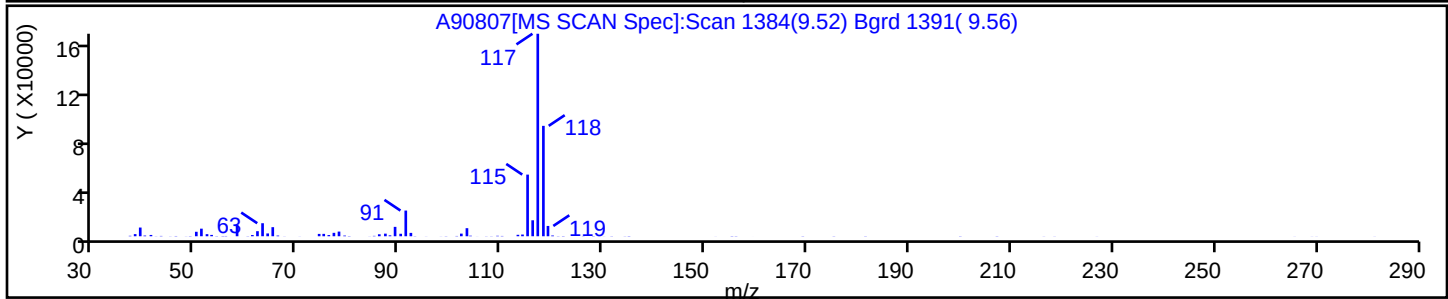
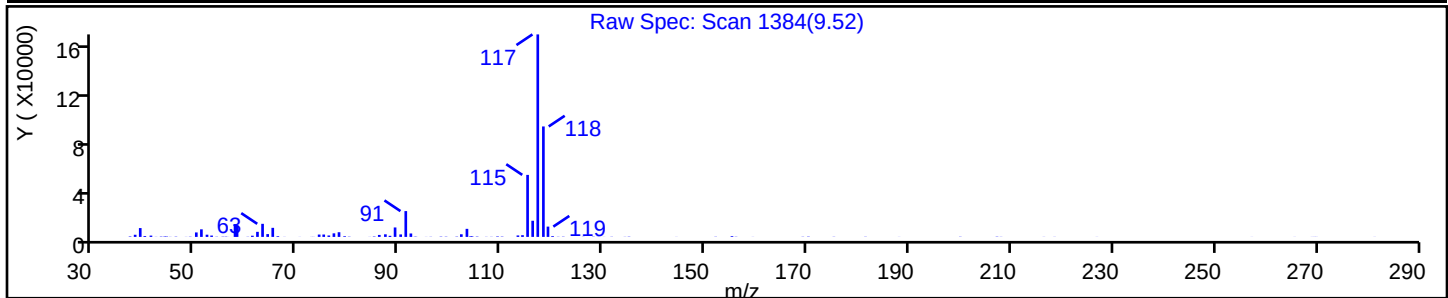
Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8676	C9H10	118	95
Benzene, cyclopropyl-	873-49-4	NIST02.L	8690	C9H10	118	87
Benzene, 1-propenyl-	637-50-3	NIST02.L	8685	C9H10	118	87



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: Dup RA Lab Sample ID: 460-212426-3 RA

Matrix: Water Lab File ID: F98181.D

Analysis Method: 8260C Date Collected: 06/30/2020 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2020 00:34

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	6.9		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: Dup RA Lab Sample ID: 460-212426-3 RA
 Matrix: Water Lab File ID: F98181.D
 Analysis Method: 8260C Date Collected: 06/30/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2020 00:34
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.69	J	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-123
460-00-4	Bromofluorobenzene	110		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: Dup RA Lab Sample ID: 460-212426-3 RA
Matrix: Water Lab File ID: F98181.D
Analysis Method: 8260C Date Collected: 06/30/2020 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/08/2020 00:34
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 706558 Units: ug/L
Number TICs Found: 1 TIC Result Total: 20

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
<i>496-11-7</i>	<i>Indane</i>	<i>11.07</i>	<i>20</i>	<i>J N</i>	<i>91%</i>

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D
 Lims ID: 460-212426-C-3
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 08-Jul-2020 00:34:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-C-3
 Misc. Info.: 460-0112863-014
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 11:36:15 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: yallabg

Date: 08-Jul-2020 02:10:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.831	2.848	-0.017	84	5037	6.88	
* 31 TBA-d9 (IS)	65	3.168	3.176	-0.008	0	172556	1000.0	
* 42 2-Butanone-d5	46	4.212	4.220	-0.008	0	190110	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.680	-0.008	96	92070	51.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.025	-0.008	0	102033	46.3	
* 65 Fluorobenzene	96	5.288	5.296	-0.008	99	402064	50.0	
* 71 1,4-Dioxane-d8	96	5.987	5.978	0.009	0	18981	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	386853	48.5	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	289440	50.0	
103 Isopropylbenzene	105	9.840	9.840	0.000	94	7209	0.6880	
\$ 104 4-Bromofluorobenzene	174	10.013	10.021	-0.008	87	115544	54.8	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.908	-0.008	95	170171	50.0	

Reagents:

VOA6IS/SURR_00036

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D
 Lims ID: 460-212426-C-3
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 08-Jul-2020 00:34:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-C-3
 Misc. Info.: 460-0112863-014
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 11:36:15 Calib Date: 01-Jul-2020 18:44:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 10
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057
 First Level Reviewer: yallabg Date: 08-Jul-2020 02:10:30

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
11.065	385137	20.3	120	91	8676	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 120 1,4-Dichlorobenzene-d4	10.900	948503	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00036 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D

Injection Date: 08-Jul-2020 00:34:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-212426-C-3

Lab Sample ID: 460-212426-3

Worklist Smp#: 14

Client ID: Dup

Purge Vol: 5.000 mL

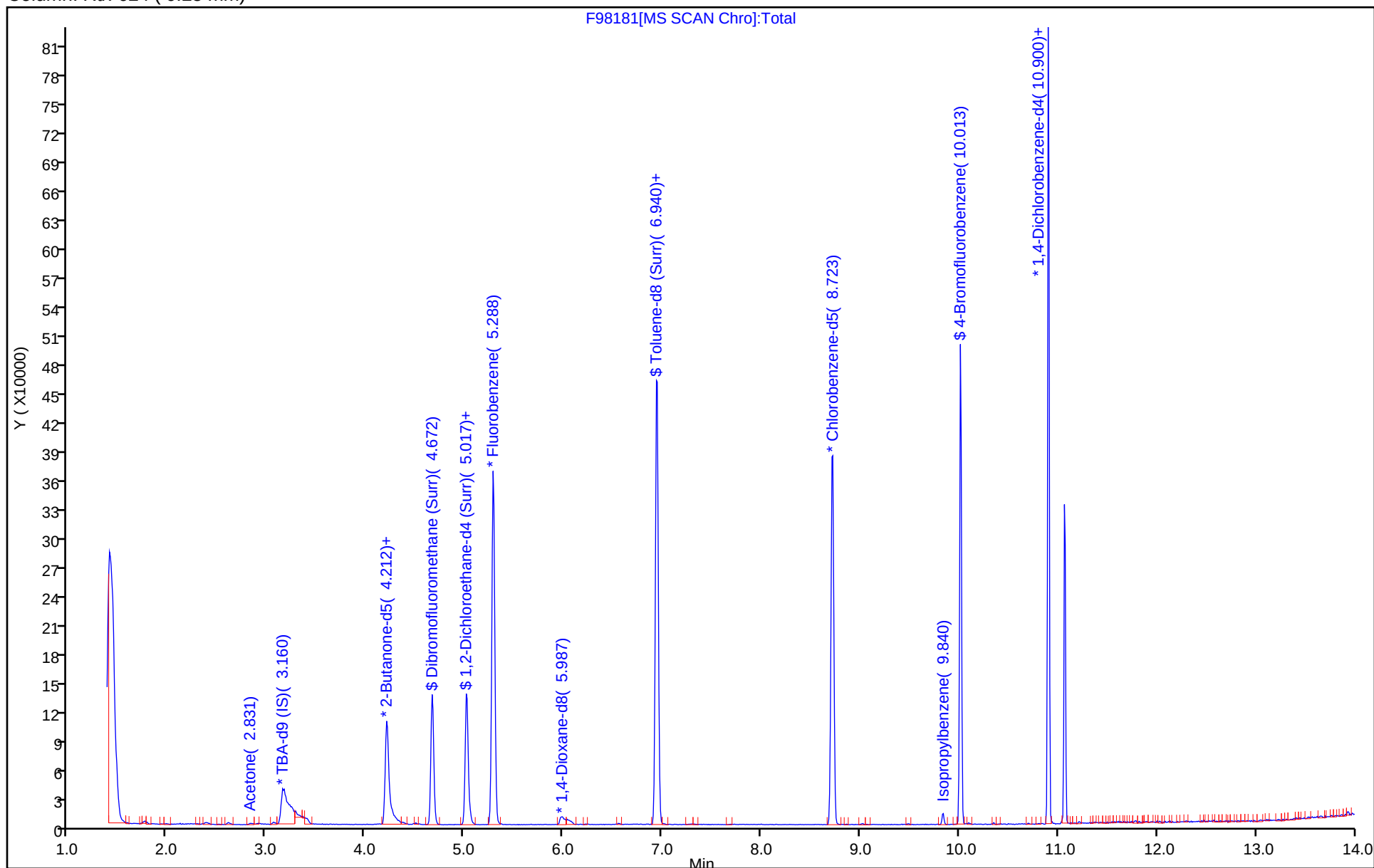
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D

Injection Date: 08-Jul-2020 00:34:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

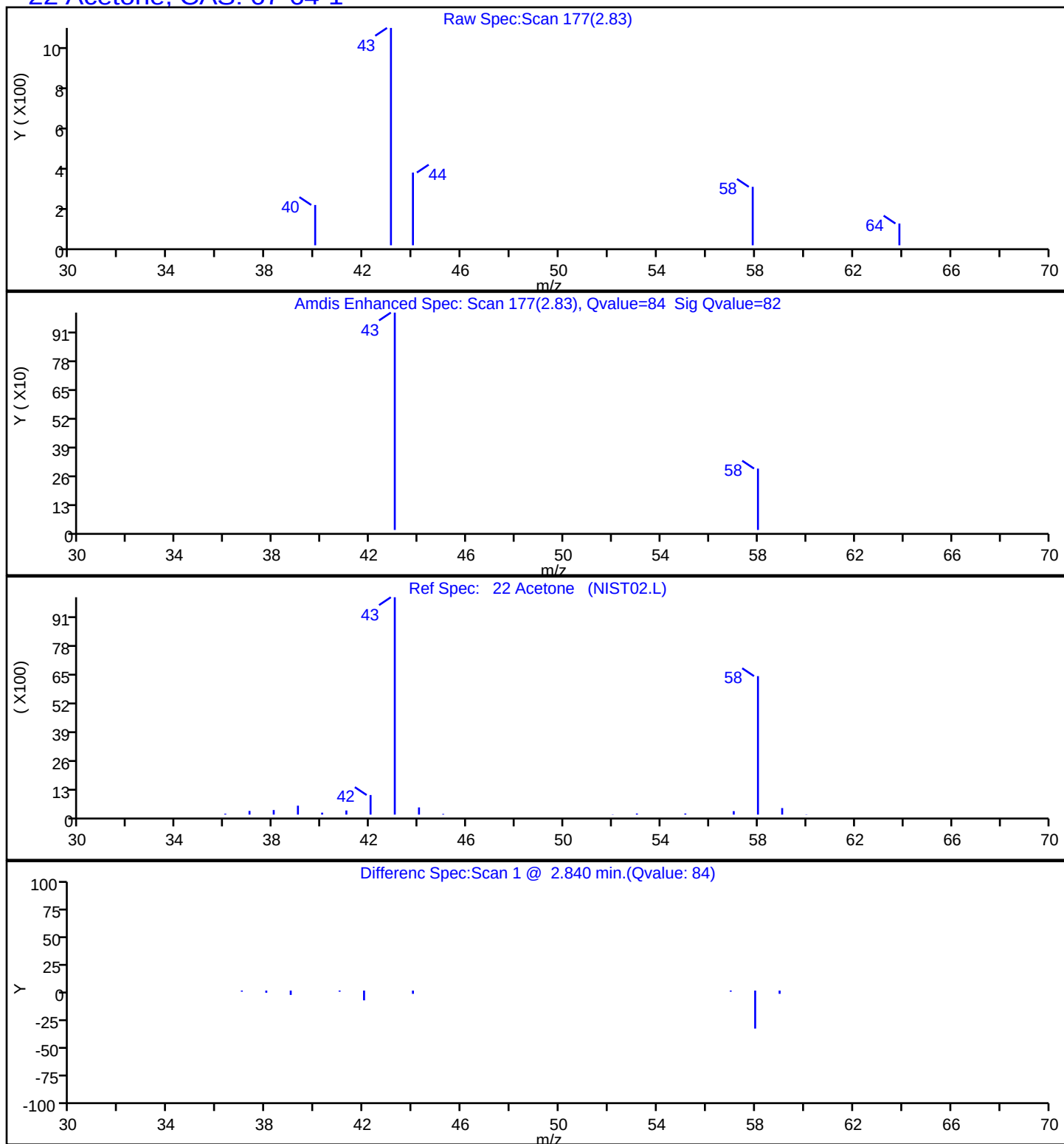
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D

Injection Date: 08-Jul-2020 00:34:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

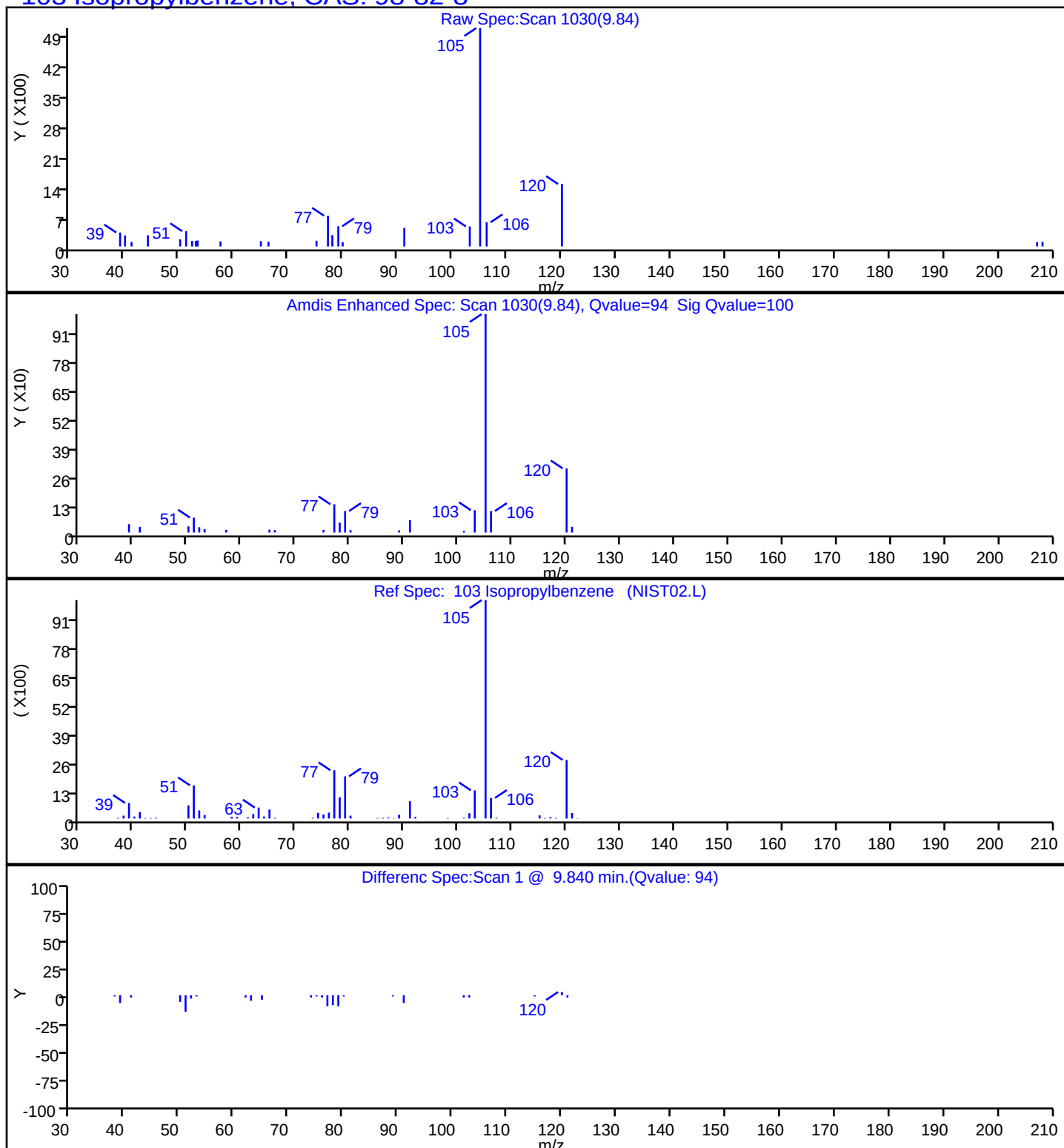
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Isopropylbenzene, CAS: 98-82-8

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D

Injection Date: 08-Jul-2020 00:34:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

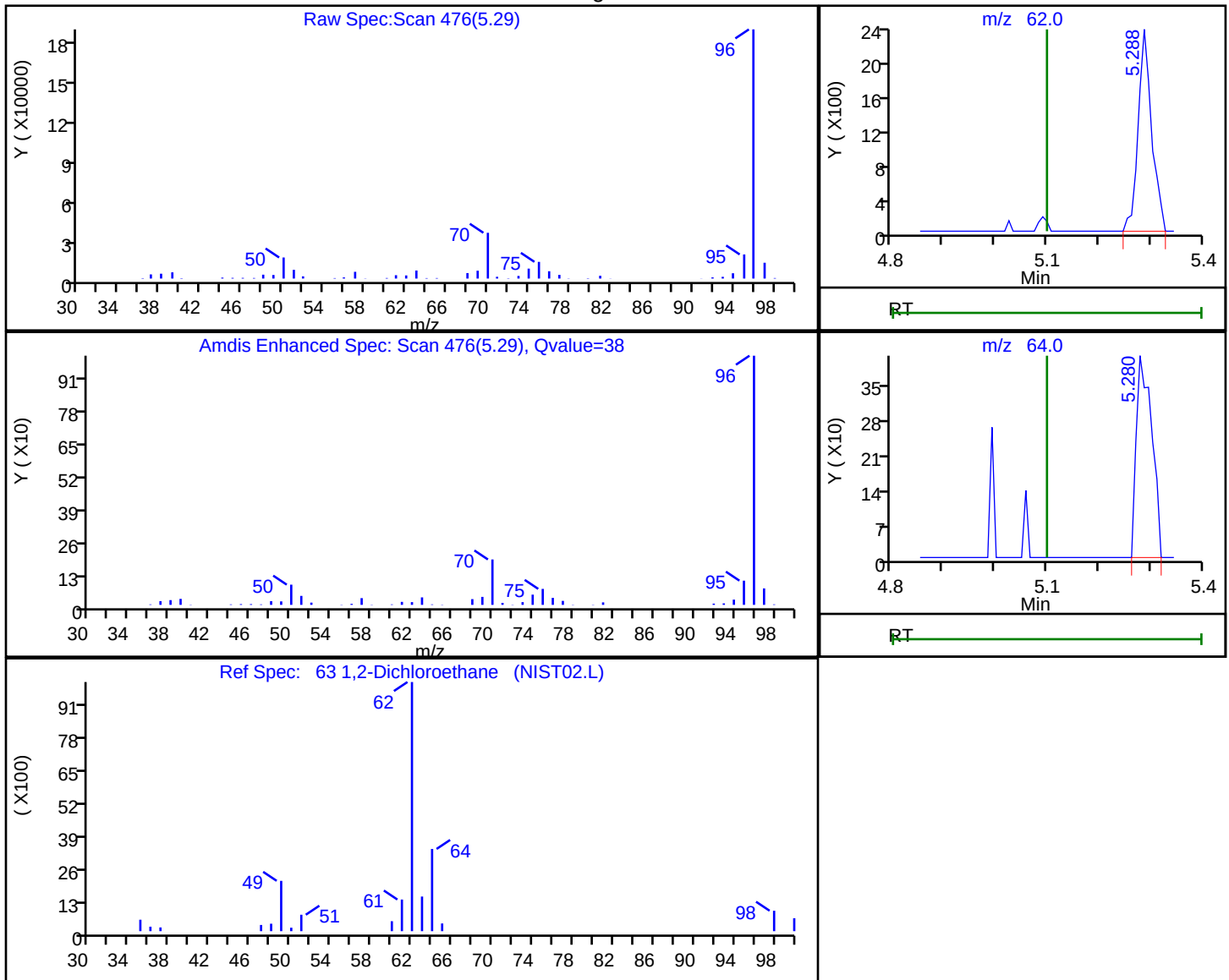
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.29	62.00	4305	1.631774
5.28	64.00	838	

Reviewer: xuyvo, 08-Jul-2020 11:36:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98181.D

Injection Date: 08-Jul-2020 00:34:30

Instrument ID: CVOAMS6

Lims ID: 460-212426-C-3

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

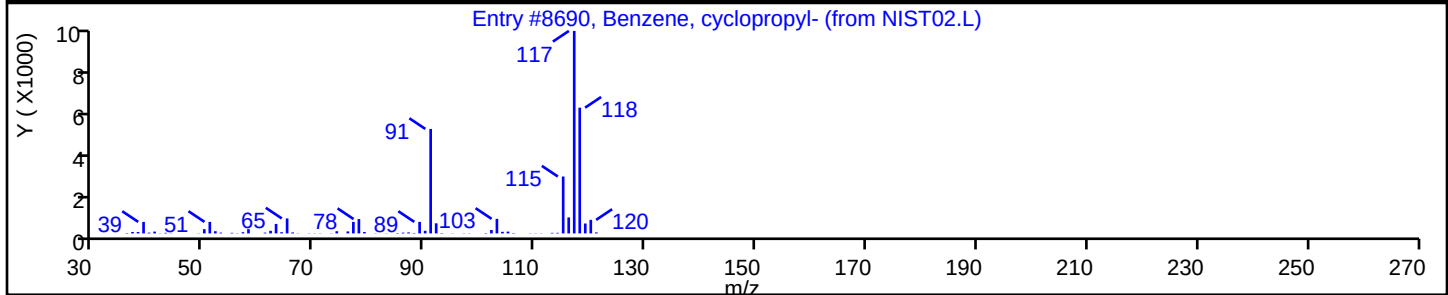
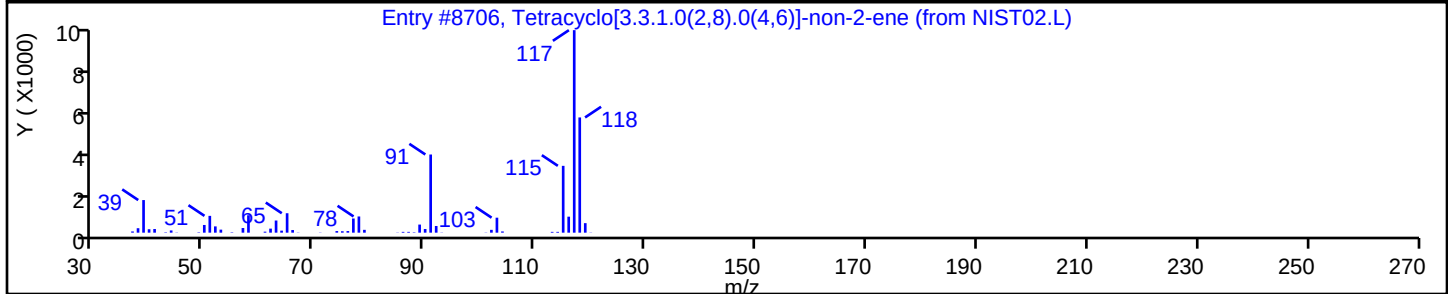
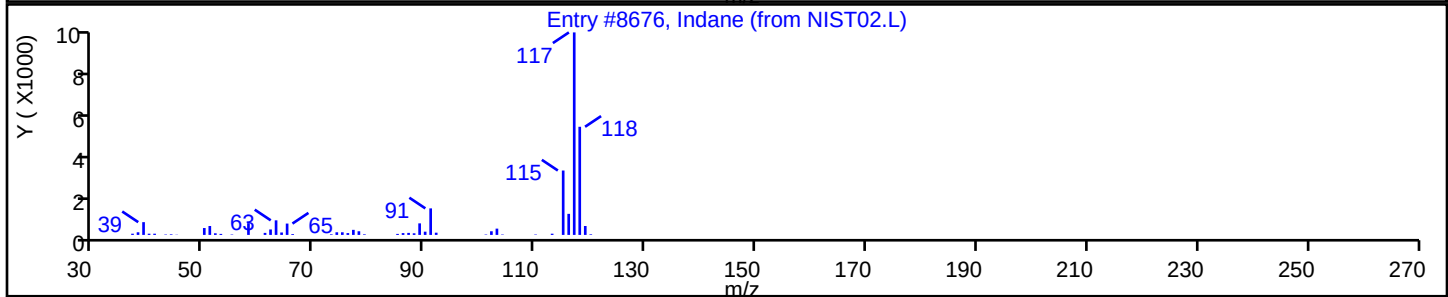
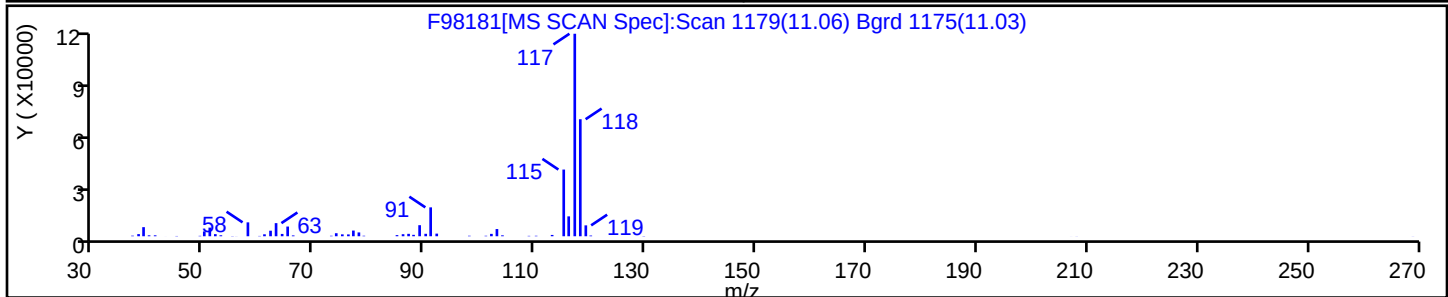
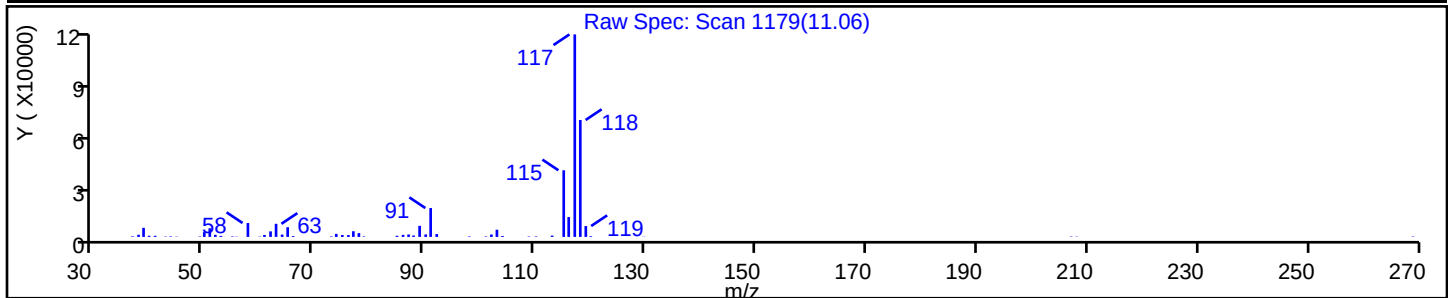
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8676	C9H10	118	91
Tetracyclo[3.3.1.0(2,8).0(4,6)]-non-2-ene	1000191-13-7	NIST02.L	8706	C9H10	118	83
Benzene, cyclopropyl-	873-49-4	NIST02.L	8690	C9H10	118	83



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: TB Lab Sample ID: 460-212426-4

Matrix: Water Lab File ID: A90824.D

Analysis Method: 8260C Date Collected: 06/30/2020 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 13:30

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U *	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: TB Lab Sample ID: 460-212426-4
 Matrix: Water Lab File ID: A90824.D
 Analysis Method: 8260C Date Collected: 06/30/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 13:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		75-123
460-00-4	Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: TB Lab Sample ID: 460-212426-4
Matrix: Water Lab File ID: A90824.D
Analysis Method: 8260C Date Collected: 06/30/2020 00:00
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 13:30
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 706392 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90824.D
 Lims ID: 460-212426-B-4
 Client ID: TB
 Sample Type: Client
 Inject. Date: 07-Jul-2020 13:30:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-212426-B-4
 Misc. Info.: 460-0112826-013
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 08:00:41 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1004

First Level Reviewer: starzecm

Date: 07-Jul-2020 16:30:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.672	3.678	-0.006	33	282997	1000.0	
* 42 2-Butanone-d5	46	4.665	4.665	0.000	87	265862	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.061	0.001	98	133751	50.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	37	144076	47.7	
* 66 Fluorobenzene	96	5.561	5.561	0.000	100	568509	50.0	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	22	32320	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	505374	49.8	
* 94 Chlorobenzene-d5	117	8.012	8.006	0.006	84	401345	50.0	
\$ 105 4-Bromofluorobenzene	174	8.744	8.731	0.013	95	156218	53.2	
* 121 1,4-Dichlorobenzene-d4	152	9.414	9.402	0.012	94	227498	50.0	

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90824.D

Injection Date: 07-Jul-2020 13:30:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: 460-212426-B-4

Lab Sample ID: 460-212426-4

Worklist Smp#: 13

Client ID: TB

Purge Vol: 5.000 mL

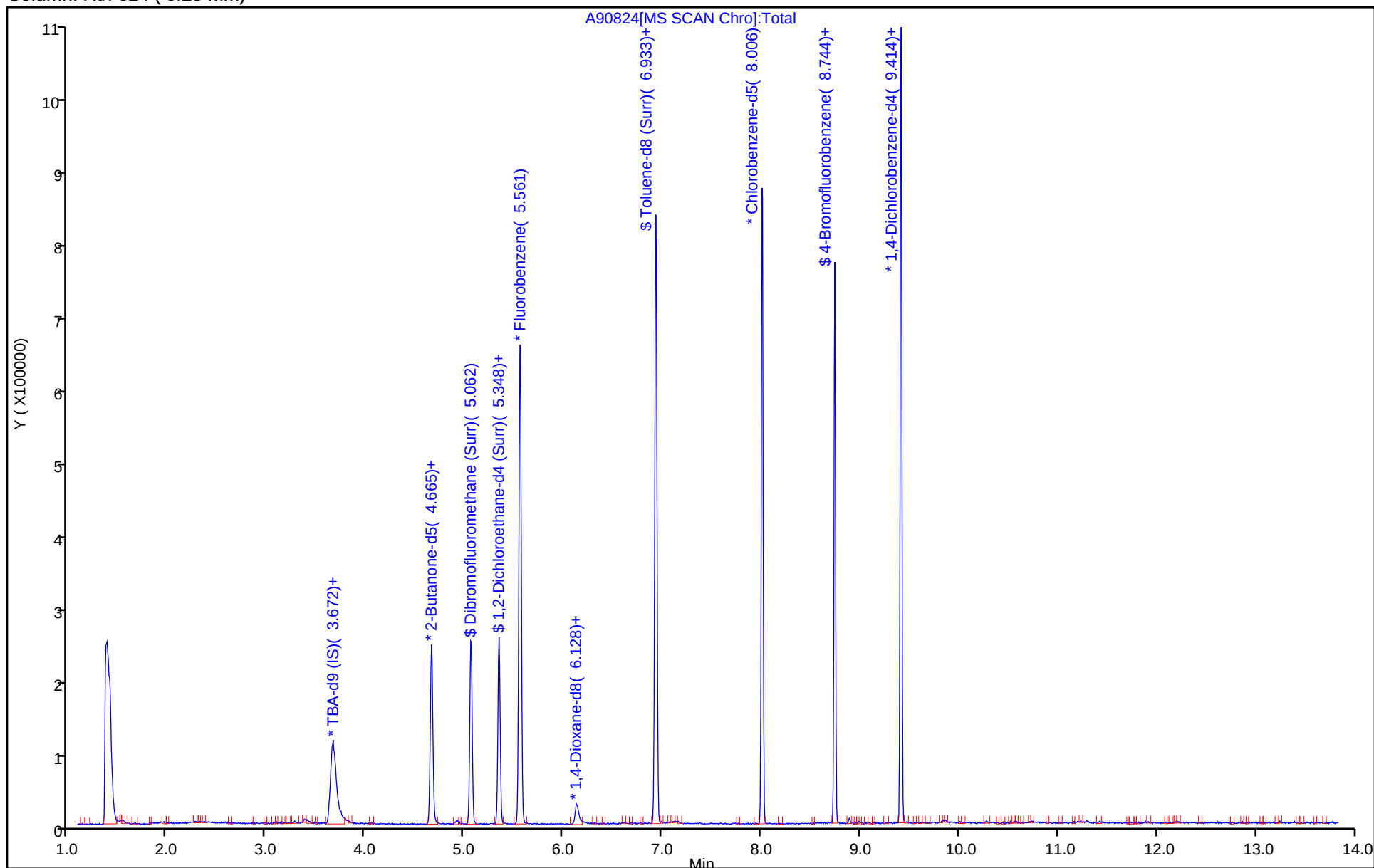
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90824.D

Injection Date: 07-Jul-2020 13:30:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-4

Lab Sample ID: 460-212426-4

Client ID: TB

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

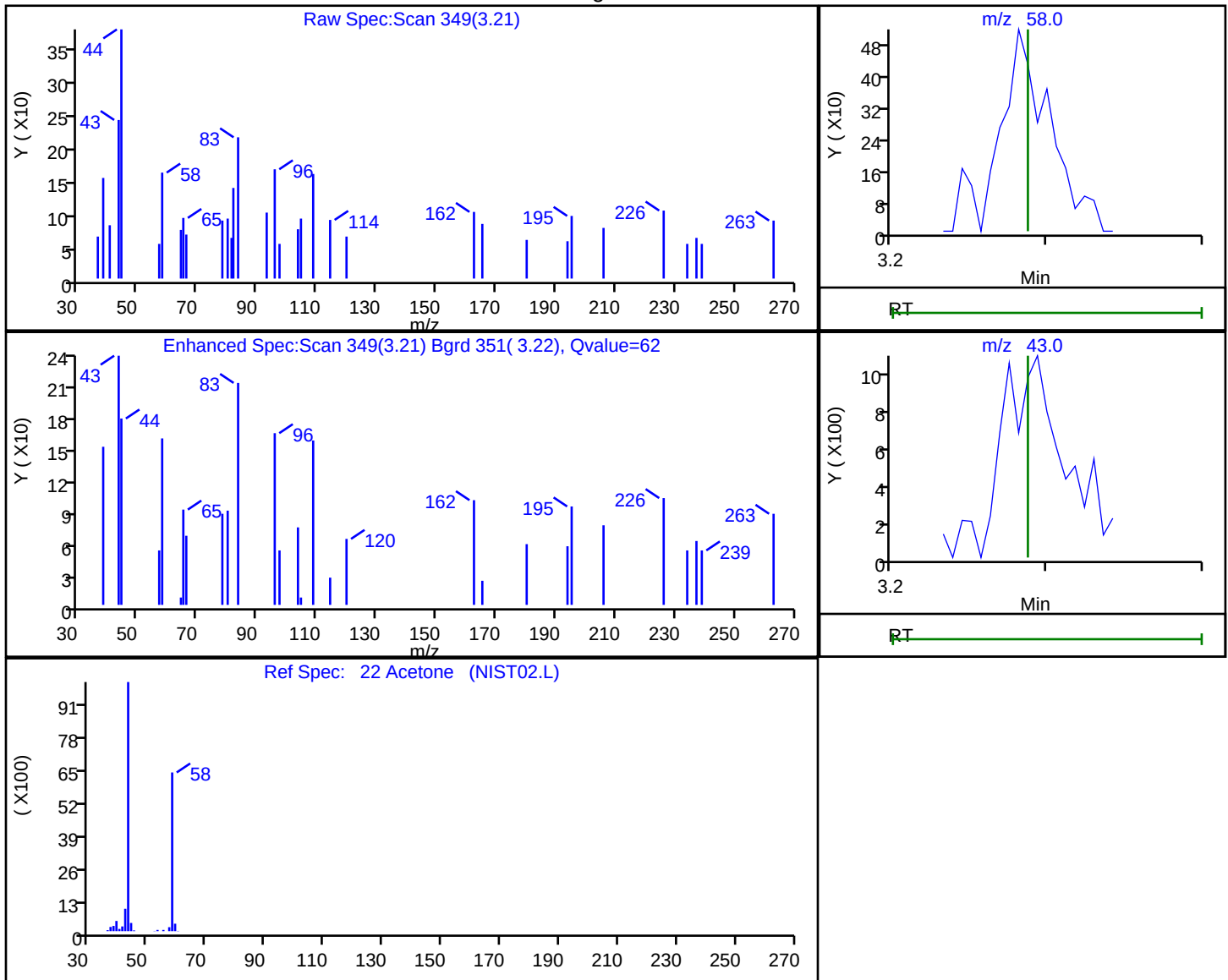
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.21	58.00	104	0.305520
3.21	43.00	117	

Reviewer: asfawa, 08-Jul-2020 08:00:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90824.D

Injection Date: 07-Jul-2020 13:30:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-4

Lab Sample ID: 460-212426-4

Client ID: TB

Operator ID: VOA GC/MS1

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

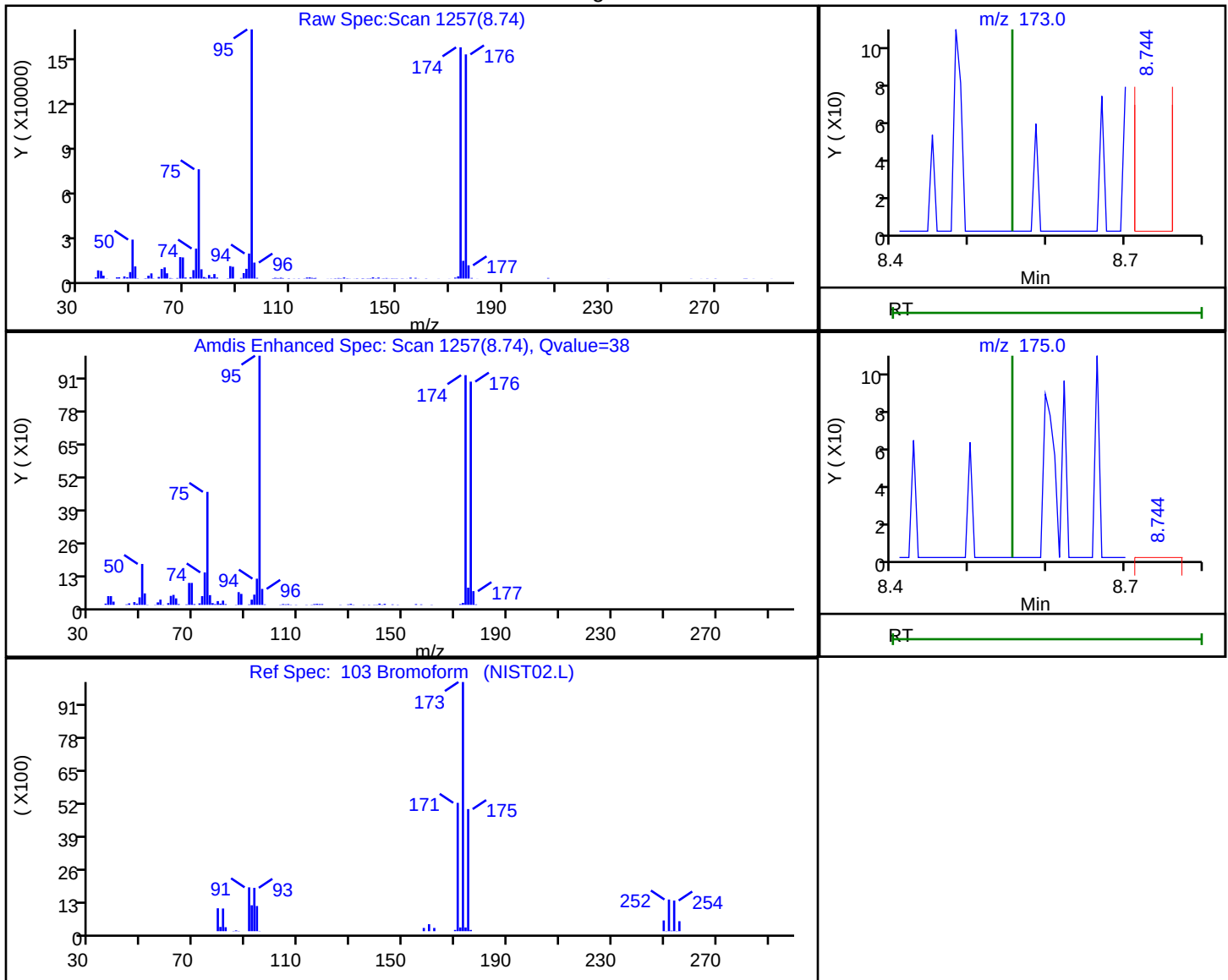
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.74	173.00	1511	1.855994
8.74	175.00	11500	

Reviewer: starzecm, 07-Jul-2020 16:30:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90824.D

Injection Date: 07-Jul-2020 13:30:30

Instrument ID: CVOAMS1

Lims ID: 460-212426-B-4

Lab Sample ID: 460-212426-4

Client ID: TB

Operator ID: VOA GC/MS1

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

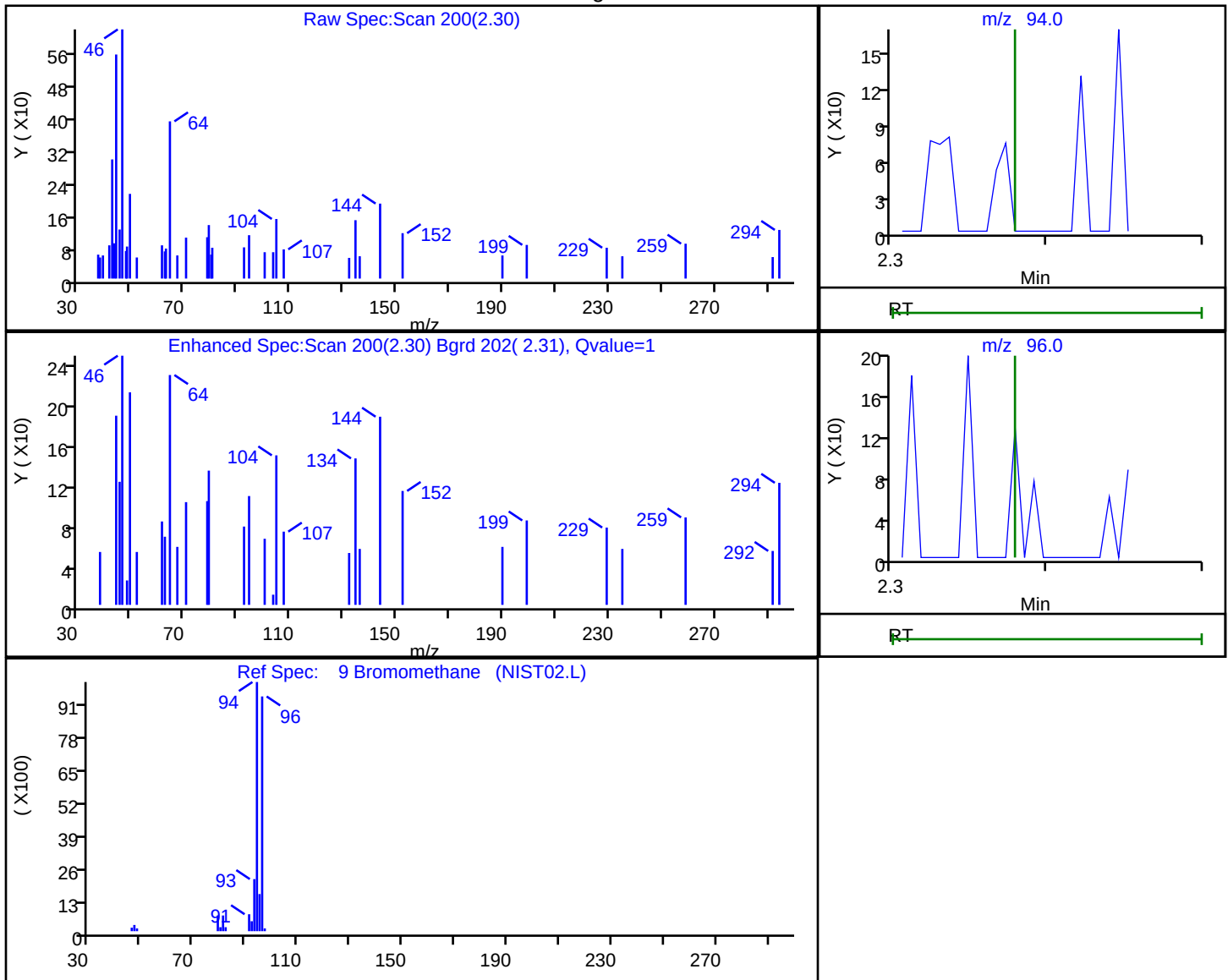
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.30	94.00	89	0.022957
2.29	96.00	31	

Reviewer: starzecm, 07-Jul-2020 16:29:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-700493/3	A89503.D
Level 2	STD1 460-700493/4	A89504.D
Level 3	STD5 460-700493/5	A89505.D
Level 4	STD20 460-700493/6	A89506.D
Level 5	STD50 460-700493/7	A89507.D
Level 6	STD200 460-700493/8	A89508.D
Level 7	STD500 460-700493/9	A89509.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								
Monochloropentafluoroethane	++++ 0.0221	++++ 0.0250	0.0384	0.0345	0.0356	Ave		0.0311				22.9	*	20.0			
Chlorotrifluoroethene	++++ 0.1186	0.1425 0.1175	0.1370	0.1418	0.1333	Ave		0.1318				8.5		20.0			
1,1-Difluoroethane	++++ 0.2761	0.3714 0.2752	0.3109	0.3236	0.3216	Ave		0.3131				11.4		20.0			
Dichlorodifluoromethane	++++ 0.4261	0.3915 0.4252	0.4566	0.4458	0.4429	Ave		0.4313			0.1000	5.3		20.0			
Chlorodifluoromethane	++++ 0.3196	0.4334 0.3695	0.4024	0.3760	0.4134	Ave		0.3857				10.4		20.0			
Chloromethane	++++ 0.4765	0.5719 0.4708	0.5451	0.4915	0.5282	Ave		0.5140			0.1000	7.9		20.0			
Vinyl chloride	++++ 0.4678	0.5900 0.4668	0.4995	0.4665	0.4928	Ave		0.4972			0.1000	9.6		20.0			
Butadiene	0.4467 0.4039	0.4389 0.3909	0.3788	0.3929	0.4127	Ave		0.4093				6.2		20.0			
Bromomethane	++++ 0.3143	0.4246 0.3089	0.3450	0.3200	0.3330	Ave		0.3410			0.1000	12.6		20.0			
Chloroethane	++++ 0.2625	0.3184 0.2619	0.2957	0.2504	0.2766	Ave		0.2776			0.1000	9.1		20.0			
Dichlorofluoromethane	++++ 0.5901	0.7389 0.5789	0.5912	0.5619	0.5957	Ave		0.6095				10.6		20.0			
Trichlorofluoromethane	++++ 0.4598	0.4895 0.4673	0.4382	0.4230	0.4421	Ave		0.4533			0.1000	5.2		20.0			
Pentane	++++ 2.1824	2.5937 2.4992	2.9135	2.0702	1.9647	Ave		2.3706				15.2		20.0			
Ethyl ether	++++ 0.2236	0.3099 0.2303	0.2326	0.2269	0.2397	Ave		0.2438				13.5		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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								
Ethanol	++++ 0.0652	0.0979 0.0671	0.0953	0.0701	0.0694	Ave		0.0775				19.2		20.0			
2-Methyl-1,3-butadiene	++++ 0.2730	0.3365 0.2774	0.2675	0.2619	0.2693	Ave		0.2809				9.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2747	0.2665 0.2777	0.2716	0.2970	0.2747	Ave		0.2770				3.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4366	0.5327 0.4463	0.4491	0.4628	0.4764	Ave		0.4673				7.5		20.0			
Acrolein	++++ 0.4839	0.7399 0.4956	0.8302	0.5949	0.5706	QuaF		0.5323	-0.000099						0.9960		0.9900
Freon TF	++++ 0.3255	0.3093 0.3232	0.3152	0.2982	0.2944	Ave		0.3110			0.1000	4.1		20.0			
1,1-Dichloroethene	++++ 0.2990	0.2873 0.3145	0.2797	0.2778	0.3086	Ave		0.2945			0.1000	5.2		20.0			
Acetone	++++ 0.3490	0.4238 0.3110	0.2991	0.2728	0.2648	Ave		0.3201			0.0500	18.4		20.0			
Iodomethane	++++ 0.5303	0.6030 0.5285	0.5201	0.5048	0.5362	Ave		0.5371				6.3		20.0			
Isopropyl alcohol	++++ 0.7153	1.2496 0.8091	0.9190	0.8256	0.8171	QuaF		0.6774	0.0000262						1.0000		0.9900
Carbon disulfide	++++ 1.1552	1.2405 1.1112	1.1299	1.0881	1.1875	Ave		1.1521			0.1000	4.8		20.0			
Allyl chloride	++++ 0.1945	0.2643 0.2206	0.1860	0.1843	0.2087	Ave		0.2097				14.4		20.0			
Methyl acetate	++++ 0.1934	0.2402 0.2012	0.1954	0.1853	0.2062	Ave		0.2036			0.1000	9.5		20.0			
Cyclopentene	++++ 0.7456	0.8891 0.7552	0.7423	0.7408	0.7962	Ave		0.7782				7.5		20.0			
Acetonitrile	++++ 1.2152	1.9547 ++++	1.7882	1.4278	1.4590	Ave		1.5690				19.0		20.0			
Methylene Chloride	++++ 0.3432	0.4240 0.3536	0.3354	0.3393	0.3574	Ave		0.3588			0.1000	9.2		20.0			
2-Methyl-2-propanol	++++ 0.9457	1.3037 0.9440	0.8085	0.8808	0.8814	Ave		0.9607				18.3		20.0			
MTBE	++++ 0.6737	0.7919 0.6200	0.6398	0.6609	0.6687	Ave		0.6758			0.1000	8.9		20.0			
trans-1,2-Dichloroethene	++++ 0.2968	0.3688 0.3033	0.2926	0.2874	0.3001	Ave		0.3082			0.1000	9.8		20.0			
Acrylonitrile	0.1274 0.1089	0.1322 0.0982	0.1057	0.1072	0.1139	Ave		0.1133				10.8		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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								
Hexane	++++ 0.2520	0.2337 0.2441	0.2404	0.2380	0.2251	Ave		0.2389				3.8		20.0			
Isopropyl ether	++++ 0.8336	1.0699 0.7923	0.8897	0.8787	0.9363	Ave		0.9001				10.7		20.0			
1,1-Dichloroethane	++++ 0.4745	0.6140 0.4932	0.4946	0.4650	0.5027	Ave		0.5073			0.2000	10.7		20.0			
Vinyl acetate	++++ 1.7229	1.8157 2.0975	1.4751	1.3013	1.5839	Ave		1.6661				16.7		20.0			
2-Chloro-1,3-butadiene	++++ 0.2400	0.2742 0.2523	0.2403	0.2343	0.2546	Ave		0.2493				5.8		20.0			
Tert-butyl ethyl ether	++++ 0.6700	0.8564 0.6254	0.6919	0.6955	0.7369	Ave		0.7127				11.1		20.0			
2,2-Dichloropropane	++++ 0.0761	0.0826 0.0871	0.0562	0.0568	0.0663	Ave		0.0708				18.5		20.0			
cis-1,2-Dichloroethene	++++ 0.3038	0.3947 0.3174	0.3044	0.2965	0.3212	Ave		0.3230			0.1000	11.2		20.0			
Ethyl acetate	++++ 0.2382	0.3323 0.2481	0.2031	0.2073	0.2237	Ave		0.2421				19.6		20.0			
2-Butanone	++++ 0.3157	0.3281 0.3101	0.3094	0.2906	0.2825	Ave		0.3061			0.0500	5.5		20.0			
Methyl acrylate	++++ 0.2085	0.2227 0.2119	0.1809	0.1858	0.2071	Ave		0.2028				8.0		20.0			
Propionitrile	++++ 1.4445	2.0201 1.5289	1.9567	1.6019	1.6328	Ave		1.6975				13.9		20.0			
Bromochloromethane	++++ 0.1475	0.1859 0.1555	0.1415	0.1384	0.1490	Ave		0.1530				11.3		20.0			
Tetrahydrofuran	++++ 0.3262	0.3874 0.3311	0.3548	0.3225	0.3345	Ave		0.3428				7.2		20.0			
Methacrylonitrile	++++ 0.1089	0.1282 0.0974	0.1103	0.1110	0.1159	Ave		0.1120				9.0		20.0			
Chloroform	++++ 0.4396	0.5249 0.4535	0.4329	0.4309	0.4610	Ave		0.4571			0.2000	7.7		20.0			
Cyclohexane	++++ 0.5321	0.5446 0.5490	0.4977	0.5166	0.4955	Ave		0.5226			0.1000	4.4		20.0			
1,1,1-Trichloroethane	++++ 0.3515	0.3518 0.4092	0.2670	0.2953	0.3211	Ave		0.3327			0.1000	15.0		20.0			
Carbon tetrachloride	++++ 0.2616	0.2140 0.3162	0.1683	0.1737	0.2075	Qua2	0.0310	0.1788	0.0002949		0.1000				0.9950		0.9900
1,1-Dichloropropene	++++ 0.3470	0.4269 0.3620	0.3392	0.3391	0.3576	Ave		0.3620				9.2		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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								
Isobutyl alcohol	++++ 0.3018	0.2629 0.4245	0.1694	0.1528	0.2053	QuaF		0.2133	0.0000169						1.0000		0.9900
2,2,4-Trimethylpentane	++++ 0.9803	0.8628 0.8588	0.9832	0.9516	0.9083	Ave		0.9241				6.1		20.0			
Benzene	++++ 1.4227	1.8871 1.2408	1.5844	1.5415	1.5961	Ave		1.5454			0.5000	13.8		20.0			
Isopropyl acetate	++++ 0.7097	0.6695 0.7079	0.5179	0.6136	0.7072	Ave		0.6543				11.7		20.0			
Tert-amyl methyl ether	++++ 0.2171	0.2372 0.2172	0.1986	0.2000	0.2242	Ave		0.2157				6.8		20.0			
1,2-Dichloroethane	++++ 0.3036	0.3615 0.3164	0.3059	0.2986	0.3266	Ave		0.3188			0.1000	7.3		20.0			
n-Heptane	++++ 0.3324	0.3695 0.3153	0.3833	0.3115	0.3266	Ave		0.3398				8.7		20.0			
n-Butanol	++++ 0.1839	0.1072 0.2578	0.1201	0.0958	0.1222	QuaF		0.1302	0.0000102						1.0000		0.9900
Trichloroethene	++++ 0.2625	0.3403 0.2764	0.2469	0.2464	0.2654	Ave		0.2730			0.2000	12.8		20.0			
Ethyl acrylate	++++ 0.3181	0.2967 0.3702	0.1997	0.2041	0.2814	QuaF		0.2799	0.0001808						1.0000		0.9900
Methylcyclohexane	++++ 0.5450	0.5312 0.4862	0.5003	0.4944	0.4802	Ave		0.5062			0.1000	5.1		20.0			
1,2-Dichloropropane	++++ 0.2629	0.3173 0.2811	0.2724	0.2500	0.2773	Ave		0.2768			0.1000	8.2		20.0			
Methyl methacrylate	++++ 0.0654	0.0536 0.0699	0.0436	0.0503	0.0607	Ave		0.0572				17.2		20.0			
n-Propyl acetate	++++ 0.3210	0.2780 0.3477	0.2059	0.2568	0.3111	Ave		0.2867				17.8		20.0			
1,4-Dioxane	++++ 0.9234	1.3151 1.0152	1.0423	1.0779	1.0549	Ave		1.0715				12.2		20.0			
Dibromomethane	++++ 0.1559	0.1923 0.1648	0.1538	0.1490	0.1571	Ave		0.1621				9.6		20.0			
Bromodichloromethane	++++ 0.2872	0.2468 0.3258	0.2124	0.2252	0.2594	Ave		0.2595			0.2000	16.1		20.0			
2-Chloroethyl vinyl ether	++++ 0.1571	0.1652 0.1692	0.1544	0.1494	0.1602	Ave		0.1592				4.5		20.0			
2-Nitropropane	++++ 0.0233	0.0376 0.0291	0.0216	0.0209	0.0215	Qua2	0.0362	0.0193	0.0000099						0.9990		0.9900
Epichlorohydrin	0.1608 0.2258	0.2356 0.2180	0.1781	0.1879	0.2080	Ave		0.2020				13.5		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	++++ 0.5078	0.4673 0.5396	0.3789	0.3995	0.4788	Ave		0.4620			0.2000	13.4		20.0			
4-Methyl-2-pentanone	++++ 2.2868	2.3075 1.8062	2.2976	2.2995	2.3694	Ave		2.2278			0.0500	9.4		20.0			
Toluene	++++ 1.4151	1.9145 1.1818	1.5520	1.5314	1.5652	Ave		1.5267			0.4000	15.6		20.0			
Ethyl methacrylate	++++ 0.3200	0.1987 0.3455	0.1835	0.2176	0.2760	QuaF		0.2966	0.0000983						1.0000		0.9900
trans-1,3-Dichloropropene	++++ 0.4332	0.3194 ++++	0.2601	0.3024	0.3659	Ave		0.3362			0.1000	19.7		20.0			
1,1,2-Trichloroethane	++++ 0.2544	0.2664 0.2633	0.2608	0.2509	0.2695	Ave		0.2609			0.1000	2.7		20.0			
Tetrachloroethene	++++ 0.3426	0.4190 0.3451	0.3561	0.3354	0.3547	Ave		0.3588			0.2000	8.5		20.0			
1,3-Dichloropropane	++++ 0.5152	0.5878 0.5136	0.5298	0.5348	0.5444	Ave		0.5376				5.1		20.0			
2-Hexanone	++++ 1.5294	1.4994 1.2659	1.3924	1.4294	1.4568	Ave		1.4289			0.0500	6.5		20.0			
n-Butyl acetate	++++ 0.0881	0.0597 0.0986	0.0549	0.0644	0.0830	QuaF		0.0807	0.0000359						1.0000		0.9900
Dibromochloromethane	++++ 0.2680	0.2283 ++++	0.1744	0.1819	0.2177	Ave		0.2141			0.1000	17.7		20.0			
1,2-Dibromoethane	++++ 0.3006	0.2679 0.3082	0.2090	0.2482	0.2871	Ave		0.2702			0.1000	13.7		20.0			
Chlorobenzene	++++ 0.9041	1.1209 0.8183	0.9537	0.9198	0.9558	Ave		0.9454			0.5000	10.5		20.0			
Ethylbenzene	++++ 0.5301	0.6549 0.5312	0.5200	0.5424	0.5607	Ave		0.5566			0.1000	9.0		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3116	0.2284 0.3535	0.1833	0.2030	0.2451	Qua2	0.0107	0.2109	0.0003168						0.9900		0.9900
m&p-Xylene	++++ 0.6452	0.7619 0.6206	0.6608	0.6625	0.6799	Ave		0.6718			0.1000	7.2		20.0			
n-Butyl acrylate	++++ 0.2409	0.1229 0.2765	0.1256	0.1508	0.2036	QuaF		0.2128	0.0001276						1.0000		0.9900
o-Xylene	++++ 0.6815	0.7359 0.6464	0.6520	0.6722	0.7154	Ave		0.6839			0.3000	5.2		20.0			
Styrene	++++ 1.0302	1.1624 0.8942	1.0591	1.0566	1.1096	Ave		1.0520			0.3000	8.6		20.0			
Amyl acetate (mixed isomers)	++++ 1.0849	0.6192 1.0882	0.5520	0.7352	1.0157	QuaF		1.0646	0.0000486						1.0000		0.9900

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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493
SDG No.: _____
Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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								
Bromoform	++++ 0.1572	0.1011 0.1941	0.0972	0.0972	0.1177	Qua2	-0.004	0.1030	0.0001945		0.1000				0.9950		0.9900
Isopropylbenzene	++++ 1.6122	1.9793 ++++	1.7796	1.7906	1.8477	Ave		1.8019			0.1000	7.4		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7924	0.8588 0.7892	0.6806	0.7511	0.8146	Ave		0.7811			0.3000	7.8		20.0			
Bromobenzene	++++ 0.7499	0.8580 0.7456	0.7388	0.7285	0.7572	Ave		0.7630				6.2		20.0			
N-Propylbenzene	++++ 3.4092	4.2808 ++++	3.7899	3.9483	4.1114	Ave		3.9079				8.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1847	0.2182 0.2072	0.1672	0.1652	0.1774	Ave		0.1866				11.6		20.0			
1,2,3-Trichloropropane	++++ 0.2277	0.2398 0.2319	0.2198	0.2240	0.2334	Ave		0.2294				3.1		20.0			
4-Ethyltoluene	++++ 2.8167	3.7415 ++++	3.2160	3.4274	3.3382	Ave		3.3079				10.2		20.0			
2-Chlorotoluene	++++ 2.8012	3.2597 2.2983	2.7359	2.8745	3.0538	Ave		2.8372				11.5		20.0			
1,3,5-Trimethylbenzene	++++ 2.6857	2.9418 ++++	2.6630	2.8562	3.0006	Ave		2.8295				5.3		20.0			
Butyl Methacrylate	++++ 0.9788	0.4489 1.0012	0.4299	0.5991	0.8439	QuaF		0.9377	0.0001288						1.0000		0.9900
4-Chlorotoluene	++++ 2.0923	2.5265 1.6863	2.2026	2.2731	2.3209	Ave		2.1836				13.0		20.0			
tert-Butylbenzene	++++ 2.3009	2.2912 1.8254	2.0435	2.1440	2.4017	Ave		2.1678				9.7		20.0			
1,2,4-Trimethylbenzene	++++ 2.6981	3.1175 ++++	2.7559	2.8619	3.0345	Ave		2.8936				6.2		20.0			
sec-Butylbenzene	++++ 3.3966	3.8698 ++++	3.3662	3.6083	3.8939	Ave		3.6270				6.9		20.0			
4-Isopropyltoluene	++++ 2.9375	3.3424 ++++	2.8622	3.0651	3.2503	Ave		3.0915				6.6		20.0			
1,3-Dichlorobenzene	++++ 1.4501	1.8479 1.3065	1.4663	1.4969	1.5266	Ave		1.5157			0.6000	11.9		20.0			
1,4-Dichlorobenzene	++++ 1.5038	1.7859 1.3462	1.5385	1.5077	1.5491	Ave		1.5385			0.5000	9.2		20.0			
1,2,3-Trimethylbenzene	++++ 2.9116	3.4299 ++++	2.9176	3.0568	3.2361	Ave		3.1104				7.1		20.0			
Benzyl chloride	++++ 0.9151	0.5614 1.0846	0.5298	0.5427	0.6649	Qua2	-0.033	0.5815	0.0010980						0.9920		0.9900

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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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								
Indan	++++ 2.9265	3.7664 ++++	3.1241	3.2589	3.3407	Ave		3.2833				9.5		20.0			
p-Diethylbenzene	++++ 1.8109	2.1025 1.5427	1.7782	1.8459	1.9460	Ave		1.8377				10.1		20.0			
n-Butylbenzene	++++ 1.7352	1.8813 1.5006	1.7060	1.7836	1.8116	Ave		1.7364				7.5		20.0			
1,2-Dichlorobenzene	++++ 1.5218	1.9057 1.3550	1.5611	1.5534	1.5880	Ave		1.5808			0.4000	11.4		20.0			
1,2,4,5-Tetramethylbenzene	++++ 2.8650	3.1021 2.1496	2.7711	2.9265	3.1259	Ave		2.8234				12.7		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1068	0.0927 0.1229	0.0544	0.0590	0.0804	QuaF		0.0927	0.0000607		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	++++ 1.2455	1.3221 1.1202	1.2506	1.2646	1.2770	Ave		1.2467				5.4		20.0			
1,2,4-Trichlorobenzene	++++ 0.9820	1.0590 0.9085	0.9368	0.9364	0.9961	Ave		0.9698			0.2000	5.6		20.0			
Hexachlorobutadiene	++++ 0.5179	0.4574 0.4788	0.4057	0.4427	0.4723	Ave		0.4625				8.1		20.0			
Naphthalene	++++ 1.8272	1.6683 1.6833	1.6720	1.7811	1.9730	Ave		1.7675				6.8		20.0			
1,2,3-Trichlorobenzene	++++ 0.6523	0.5891 0.6239	0.6089	0.6155	0.6842	Ave		0.6290				5.4		20.0			
Dibromofluoromethane (Surr)	0.2309 0.2365	0.2290 0.2400	0.2290	0.2321	0.2319	Ave		0.2328				1.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2526 0.2743	0.2597 0.2953	0.2589	0.2578	0.2625	Ave		0.2659				5.5		20.0			
Toluene-d8 (Surr)	1.2569 1.2446	1.2729 1.1943	1.2847	1.2944	1.2943	Ave		1.2631				2.8		20.0			
Bromofluorobenzene	0.3716 0.3575	0.3698 0.3605	0.3650	0.3714	0.3639	Ave		0.3657				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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-700493/3	A89503.D
Level 2	STD1 460-700493/4	A89504.D
Level 3	STD5 460-700493/5	A89505.D
Level 4	STD20 460-700493/6	A89506.D
Level 5	STD50 460-700493/7	A89507.D
Level 6	STD200 460-700493/8	A89508.D
Level 7	STD500 460-700493/9	A89509.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
Monochloropentafluoroethane	FB	Ave	++++ 55922	++++ 162812	2229	7875	20853	++++ 200	++++ 500	5.00	20.0	50.0
Chlorotrifluoroethene	FB	Ave	++++ 299542	++++ 765958	7946	32395	78098	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	++++ 697497	++++ 1794936	18025	73944	188394	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 1076270	++++ 2772765	26476	101869	259424	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 807313	++++ 2409816	23330	85916	242137	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1203724	++++ 3070036	31607	112317	309367	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1181673	++++ 3043923	28964	106595	288669	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 1020339	++++ 2549161	21966	89775	241735	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 793970	++++ 2014404	20001	73128	195060	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 663137	++++ 1707874	17146	57230	162014	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1490704	++++ 3775326	34279	128410	348933	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1161441	++++ 3047119	25407	96672	258977	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 289844	++++ 833346	6822	23649	57982	++++ 400	2.00 1000	10.0	40.0	100
Ethyl ether	FB	Ave	++++ 564775	++++ 1501993	13489	51855	140383	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	Ave	++++ 173225	++++ 447563	4465	16025	40946	++++ 8000	40.0 20000	200	800	2000

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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-Methyl-1,3-butadiene	FB	Ave	++++ 689609	4088 1808945	15512	59858	157746	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 693871	3238 1811171	15746	67872	160903	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1102839	6472 2910170	26041	105752	279046	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	QuaF	++++ 32132	837 66103	3888	6796	16839	++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	++++ 822302	3758 2107586	18276	68152	172437	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 755373	3491 2050755	16220	63491	180778	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 473403	2691 1171920	8877	32429	83859	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1339624	7326 3446253	30159	115351	314054	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	QuaF	++++ 474996	3534 1348963	10759	47157	120573	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2918227	15072 7246644	65515	248658	695544	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 491394	3211 1438539	10786	42122	122262	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 977126	5836 2623517	22658	84688	241535	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1883396	10803 4925143	43042	169287	466363	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 806965	5528 ++++	20935	81552	215289	++++ 2000	10.0 ++++	50.0	200	500
Methylene Chloride	FB	Ave	++++ 866934	5151 2305860	19449	77534	209341	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 627998	3687 1573953	9465	50307	130054	++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	++++ 1701844	9621 4042902	37095	151031	391678	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 749860	4481 1977884	16966	65667	175765	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3062 2750708	16059 6401636	61270	245061	667046	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 636488	2840 1592067	13940	54393	131831	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 2105823	12999 5166522	51588	200798	548434	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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-Dichloroethane	FB	Ave	++++ 1198660	7460 3216613	28679	106261	294433	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	TBAd 9	Ave	++++ 228817	1027 699418	3454	14865	46744	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 606228	3331 1645323	13935	53533	149115	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1692374	10405 4078494	40120	158932	431637	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 192162	1003 567998	3261	12973	38820	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 767422	4796 2069917	17651	67765	188121	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 129217	844 374029	2411	9856	28328	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone	BUT	Ave	++++ 428265	2083 1168491	9181	34544	89452	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	++++ 526596	2706 1382083	10488	42447	121314	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 959210	5713 2549069	22908	91495	240929	++++ 2000	10.0 5000	50.0	200	500
Bromochloromethane	FB	Ave	++++ 372616	2259 1013992	8207	31624	87270	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 177007	984 499054	4212	15334	42365	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2749966	15580 6351537	63971	253625	678974	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 1110513	6377 2957260	25102	98467	270035	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1344046	6617 3579997	28855	118056	290257	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 888002	4274 2668429	15484	67488	188107	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Qua2	++++ 660752	2600 2062151	9757	39699	121537	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 876611	5187 2360451	19668	77485	209431	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	QuaF	++++ 500967	1859 1769342	4959	21823	75750	++++ 5000	25.0 12500	125	500	1250
2,2,4-Trimethylpentane	FB	Ave	++++ 2476233	10483 5600204	57006	217447	532013	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2611108	15433 6075560	61640	237313	645777	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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
Isopropyl acetate	FB	Ave	++++ 1792700	8134 4616587	30028	140216	414230	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 548308	2882 1416117	11518	45714	131319	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 767043	4392 2063558	17737	68239	191287	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 839770	4490 2056429	22227	71189	191287	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	QuaF	++++ 305222	758 1074579	3516	13684	45096	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 663011	4135 1802220	14314	56308	155459	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	QuaF	++++ 803544	3605 2414002	11580	46639	164841	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1376787	6454 3170940	29007	112975	281295	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 664134	3855 1833063	15797	57118	162444	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 330346	1303 911451	5052	22966	71123	++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	++++ 810937	3378 2267430	11936	58672	182194	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	++++ 172117	2353 446594	3742	15129	39378	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 393867	2336 1074602	8917	34052	92017	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 725592	2998 2124949	12315	51469	151963	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 397815	2012 1106323	8972	34216	94038	++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	FB	Qua2	++++ 117563	914 380069	2501	9574	25228	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	996 1225319	5984 3286011	21143	89369	263396	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 931955	3822 2642326	14742	61502	193706	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	++++ 3101841	14651 6806556	68186	273378	750208	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2597159	15657 5786960	60380	235757	633262	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	QuaF	++++ 808462	2414 2253280	10640	49722	161658	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 795118	2612 ++++	10117	46556	148022	++++ 200	1.00 ++++	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 466886	2179 1289184	10147	38631	109058	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 628809	3427 1689737	13853	51642	143523	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 945585	4807 2514718	20612	82332	220257	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 2074428	9520 4770666	41324	169935	461279	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	QuaF	++++ 161786	488 483001	2134	9919	33582	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 491805	1867 ++++	6786	28010	88081	++++ 200	1.00 ++++	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 551762	2191 1509323	8131	38208	116167	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1659422	9167 4007043	37101	141597	386711	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 972981	5356 2601234	20231	83501	226860	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Qua2	++++ 571916	1868 1731139	7132	31258	99186	++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBNZ d5	Ave	++++ 1184164	6231 3038758	25709	101986	275095	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	QuaF	++++ 442158	1005 1353764	4885	23222	82388	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1250861	6018 3165341	25366	103490	289451	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1890733	9506 4378612	41201	162657	448936	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	QuaF	++++ 1056083	2858 2966221	12096	61689	218908	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Qua2	++++ 288449	827 950302	3780	14960	47608	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2958988	16187 ++++	69231	275658	747559	++++ 200	1.00 ++++	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 771295	3964 2151216	14914	63017	175565	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 730007	3960 2032267	16189	61126	163192	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3318597	19758 ++++	83042	331276	886100	++++ 200	1.00 ++++	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 179838	1007 564743	3663	13858	38240	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 221634	1107 631973	4817	18792	50301	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2741857	17269 ++++	70467	287570	719459	++++ 200	1.00 ++++	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2726717	15045 6264479	59947	241182	658178	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2614294	13578 ++++	58351	239649	646711	++++ 200	1.00 ++++	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 952818	2072 2729010	9419	50268	181872	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2036733	11661 4596269	48263	190719	500217	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2239777	10575 4975439	44777	179888	517632	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2626336	14389 ++++	60385	240129	654006	++++ 200	1.00 ++++	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3306348	17861 ++++	73758	302755	839231	++++ 200	1.00 ++++	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2859429	15427 ++++	62715	257179	700518	++++ 200	1.00 ++++	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1411572	8529 3561058	32129	125599	329028	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1463793	8243 3669191	33710	126500	333873	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2834172	15831 ++++	63929	256475	697459	++++ 200	1.00 ++++	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Qua2	++++ 890760	2591 2956418	11608	45539	143297	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2848748	17384 ++++	68453	273440	720005	++++ 200	1.00 ++++	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1762757	9704 4204905	38963	154879	419410	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1689076	8683 4090181	37380	149651	390448	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1481360	8796 3693318	34205	130333	342257	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2788875	14318 5859055	60719	245547	673719	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	QuaF	++++ 104005	428 334995	1193	4953	17333	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 700493

SDG No.: _____

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/11/2020 02:04 Calibration End Date: 06/11/2020 04:26 Calibration ID: 80662

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-Trichlorobenzene	DCBd 4	Ave	++++ 1212365	6102 3053381	27403	106105	275215	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 955853	4888 2476261	20527	78567	214691	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 504087	2111 1304941	8890	37147	101799	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 1778639	7700 4588245	36636	149442	425236	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 634930	2719 1700630	13341	51645	147465	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	138717 149351	139127 156513	132792	132592	135848	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	151806 173249	157779 192543	150110	147290	153784	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	521137 571078	520497 584804	499791	498167	523661	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	154084 164018	151212 176542	141984	142924	147248	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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 11-Jun-2020 02:04:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0111447-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:45:52 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 02:39:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
7 Butadiene	39	2.026	2.026	0.000	19	1342	0.2500	0.2729	Ma
* 31 TBA-d9 (IS)	65	3.659	3.659	0.000	35	279242	1000.0	1000.0	
35 Acrylonitrile	53	3.915	3.915	0.000	98	3062	2.00	2.25	
* 42 2-Butanone-d5	46	4.653	4.653	0.000	86	309742	250.0	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.055	5.055	0.000	97	138717	50.0	49.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	36	151806	50.0	47.5	a
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	600879	50.0	50.0	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	22	36461	1000.0	1000.0	
80 Epichlorohydrin	57	6.701	6.701	0.000	62	996	5.00	3.98	
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	99	521137	50.0	49.8	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	85	414617	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	92	154084	50.0	50.8	
* 121 1,4-Dichlorobenzene-d4	152	9.378	9.378	0.000	95	232548	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 2.50	Units: uL	
8260MIX1COMB_00119	Amount Added: 0.00	Units: uL	
524freon_00023	Amount Added: 0.00	Units: uL	
ACROLEIN W_00107	Amount Added: 0.00	Units: uL	
14DIOXINTER_00116	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00074	Amount Added: 20.00	Units: uL	
Ethanol mix_00041	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 0.00	Units: uL	
MIX I Hi_00126	Amount Added: 0.00	Units: uL	
8FreonHi_00019	Amount Added: 0.00	Units: uL	
GAS Hi_00363	Amount Added: 0.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

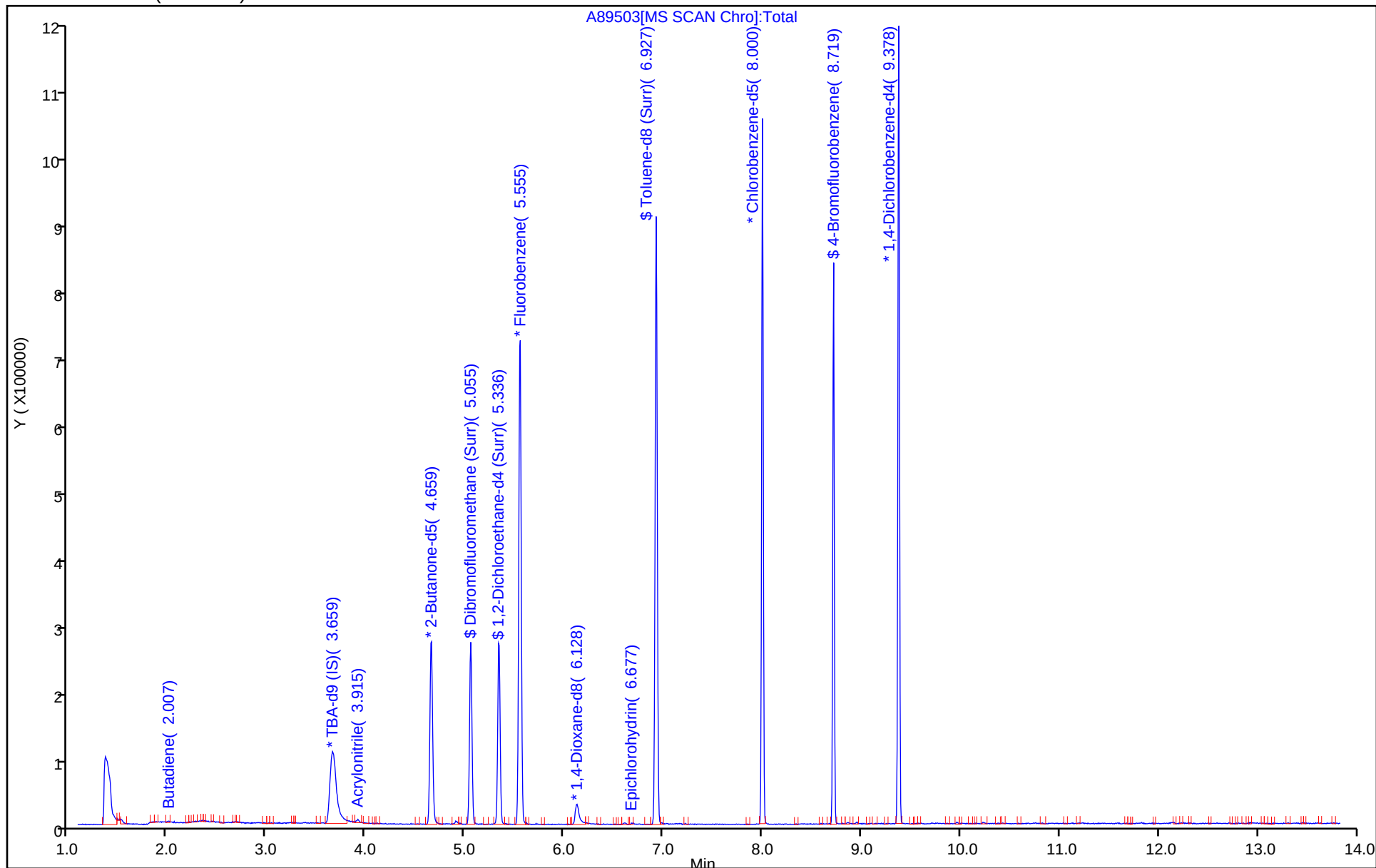
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

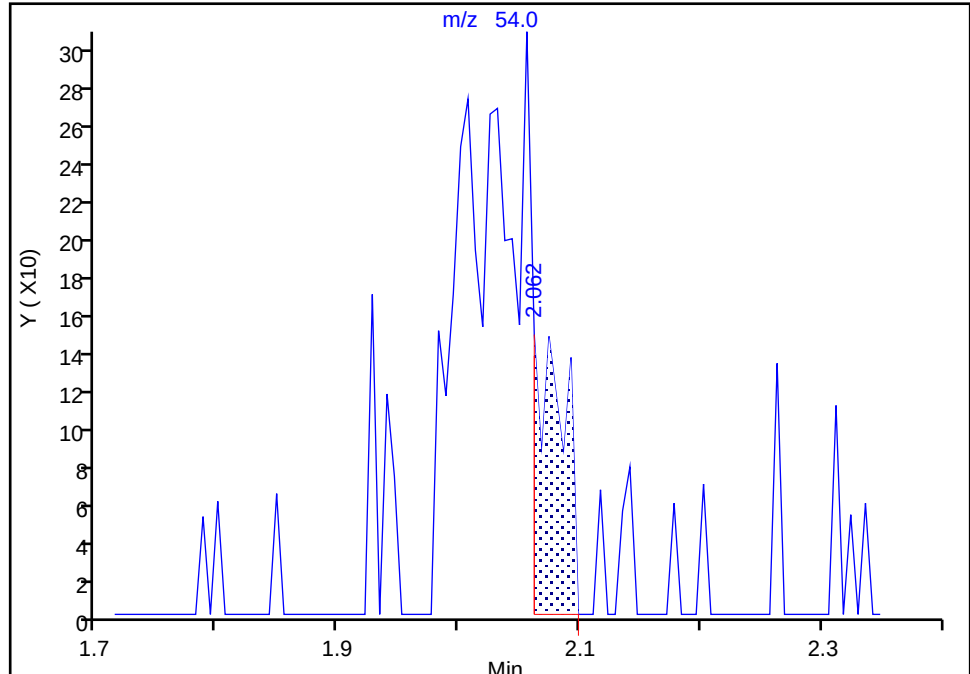
MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 2

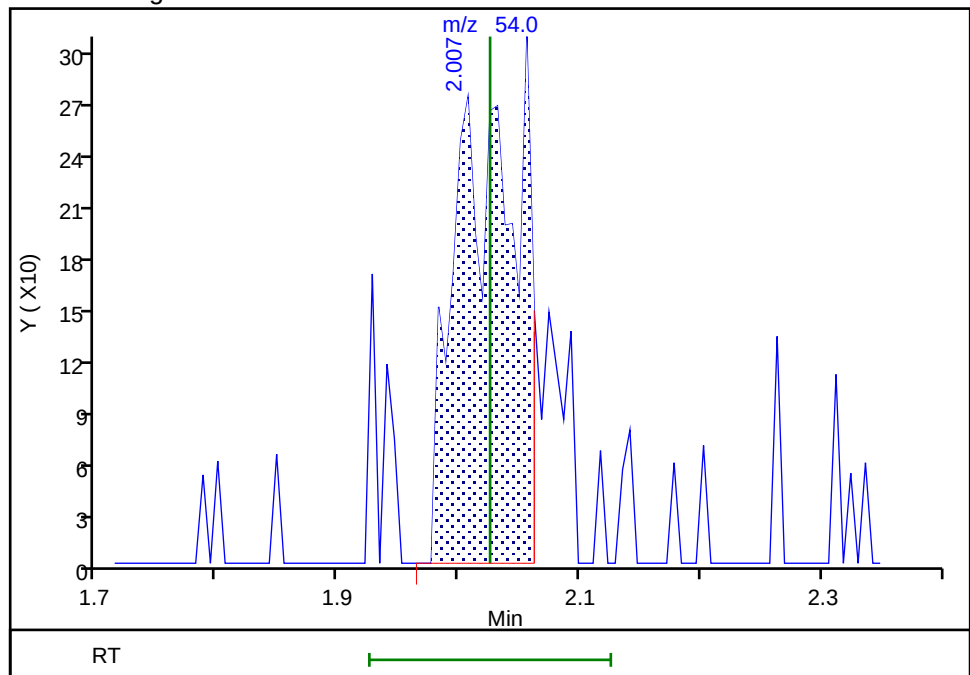
RT: 2.06
Area: 258
Amount: 0.091803
Amount Units: ug/l

Processing Integration Results



RT: 2.01
Area: 1024
Amount: 0.272856
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 11-Jun-2020 08:49:06
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

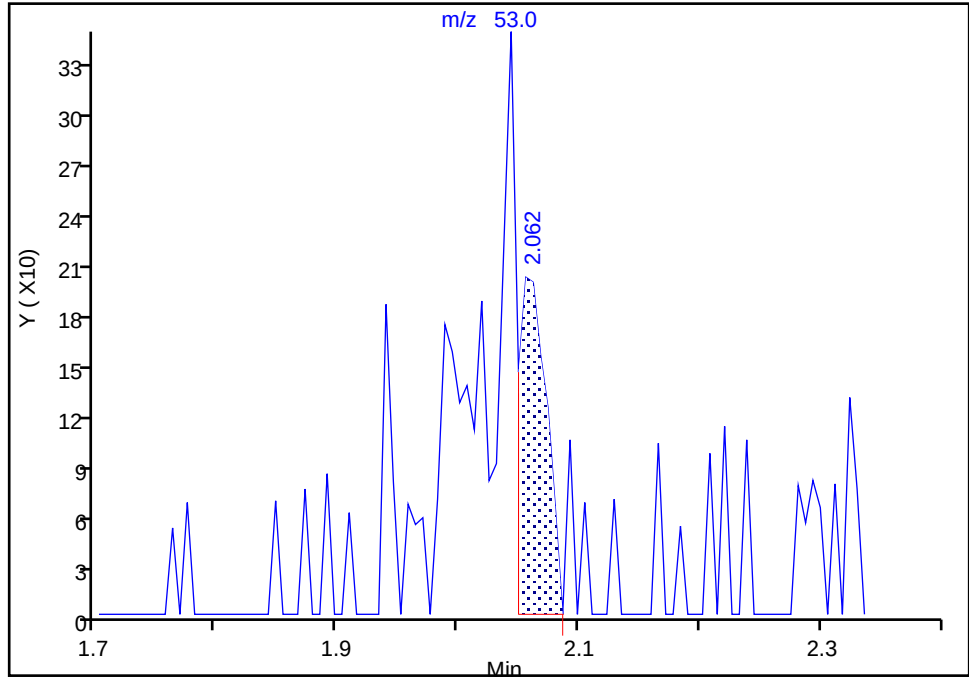
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D
Injection Date: 11-Jun-2020 02:04:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 3

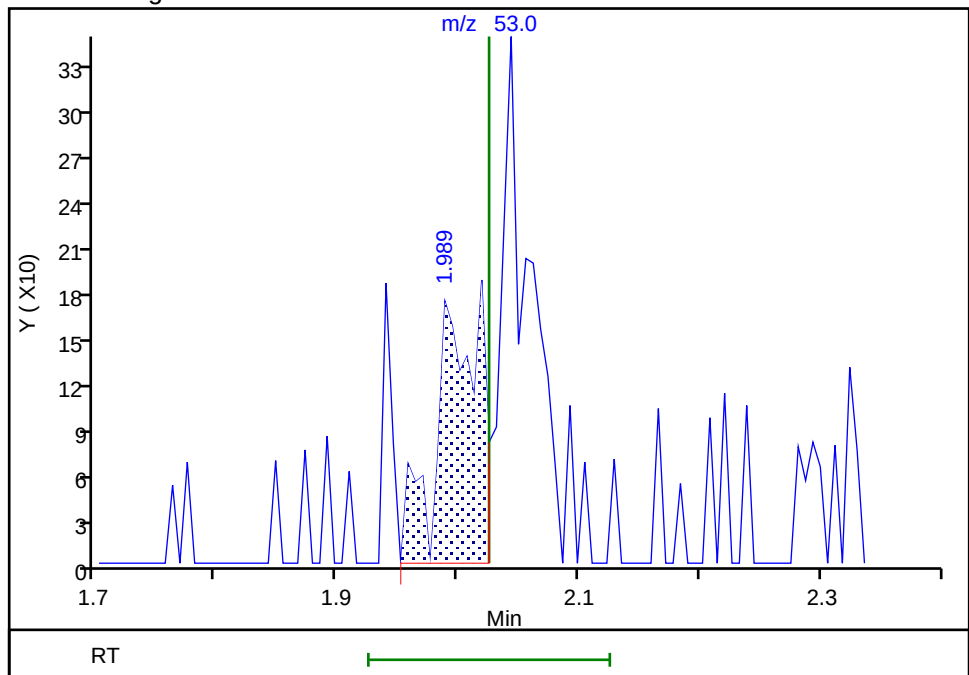
RT: 2.06
Area: 320
Amount: 0.091803
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 440
Amount: 0.272856
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 11-Jun-2020 08:49:06
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
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07/09/2020

Eurofins TestAmerica, Edison

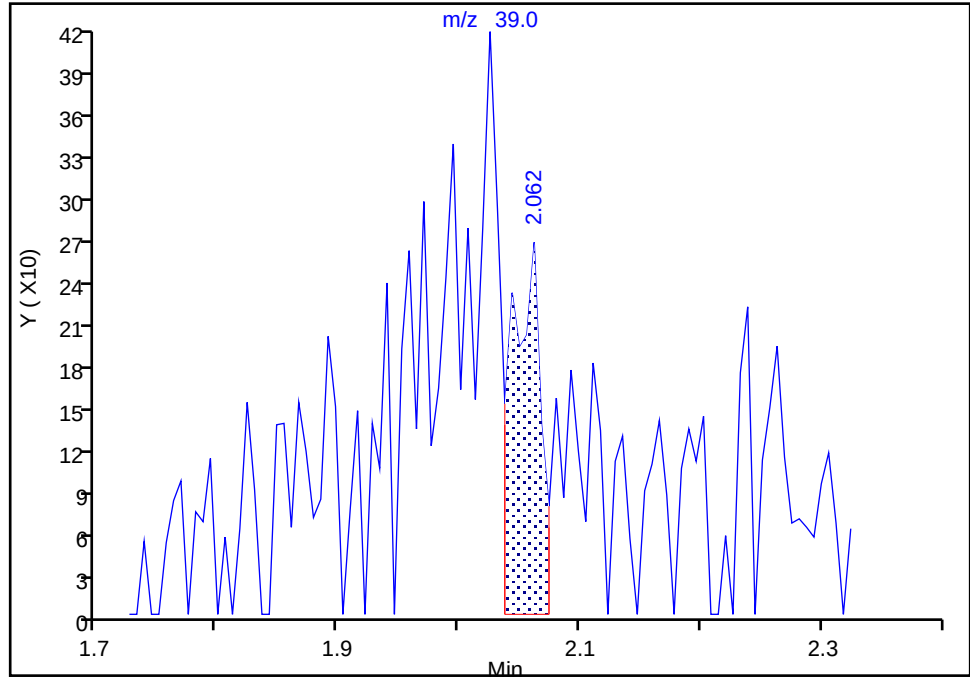
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D
Injection Date: 11-Jun-2020 02:04:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 1

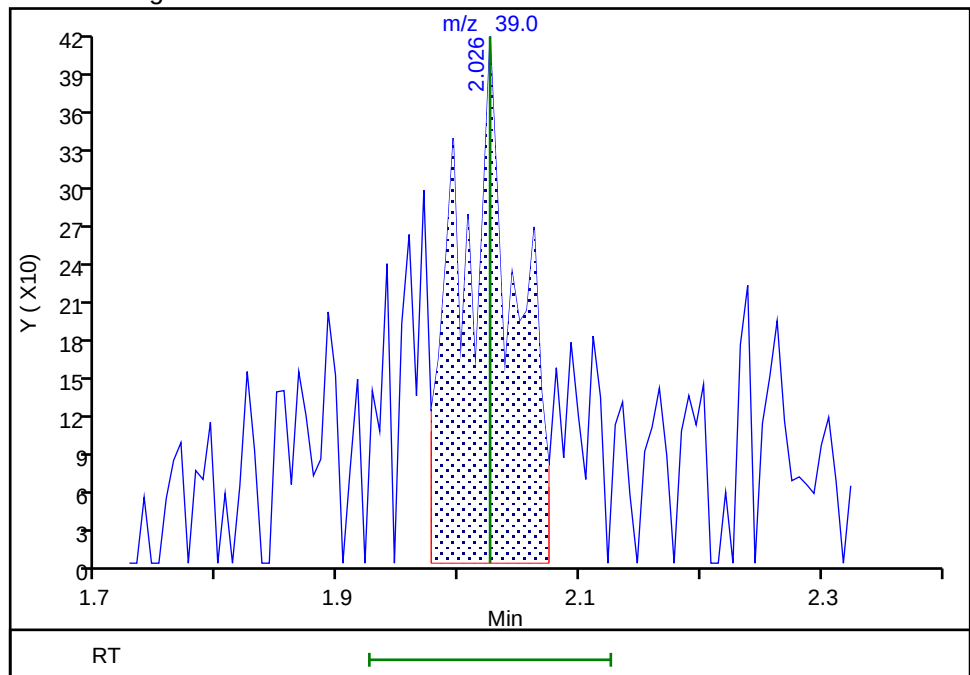
RT: 2.06
Area: 455
Amount: 0.091803
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 1342
Amount: 0.272856
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:18:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

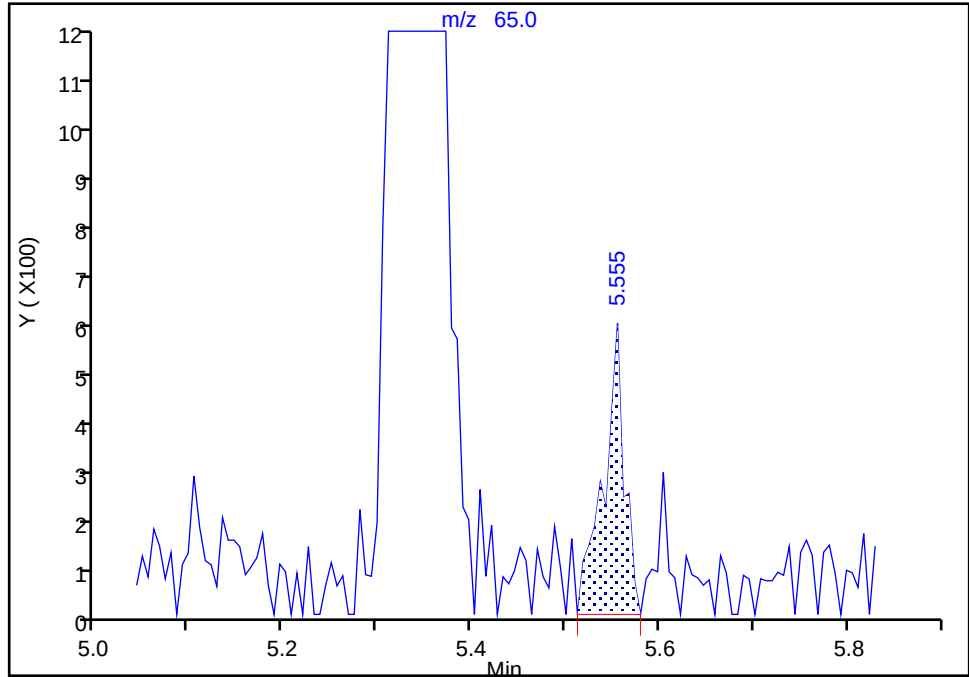
MS SCAN

\$ 61 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

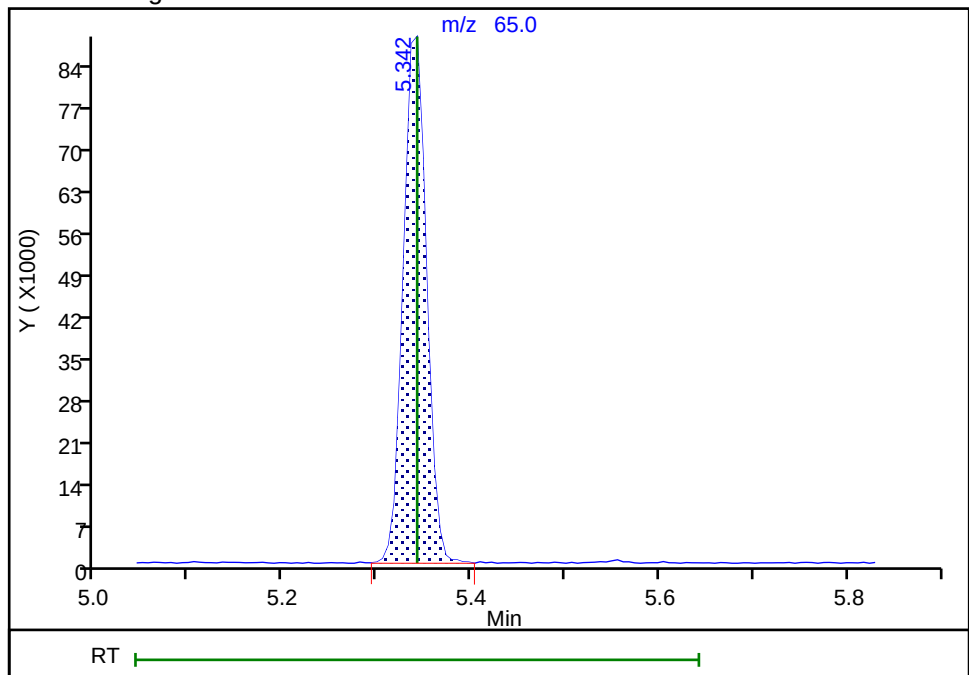
RT: 5.56
Area: 883
Amount: 0.423834
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 151806
Amount: 47.508926
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 11-Jun-2020 03:21:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

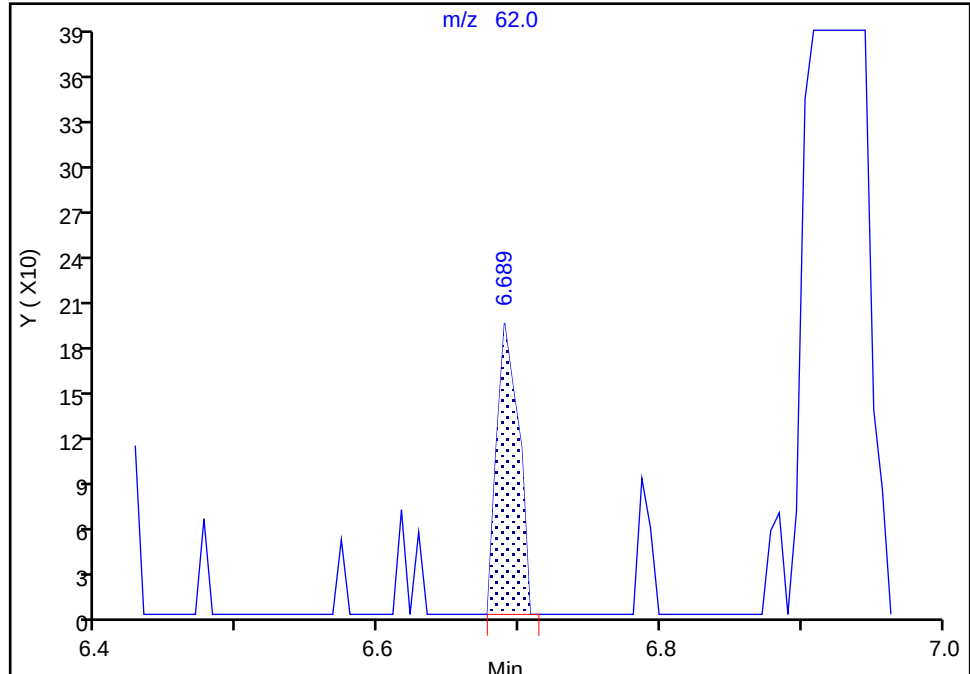
MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 2

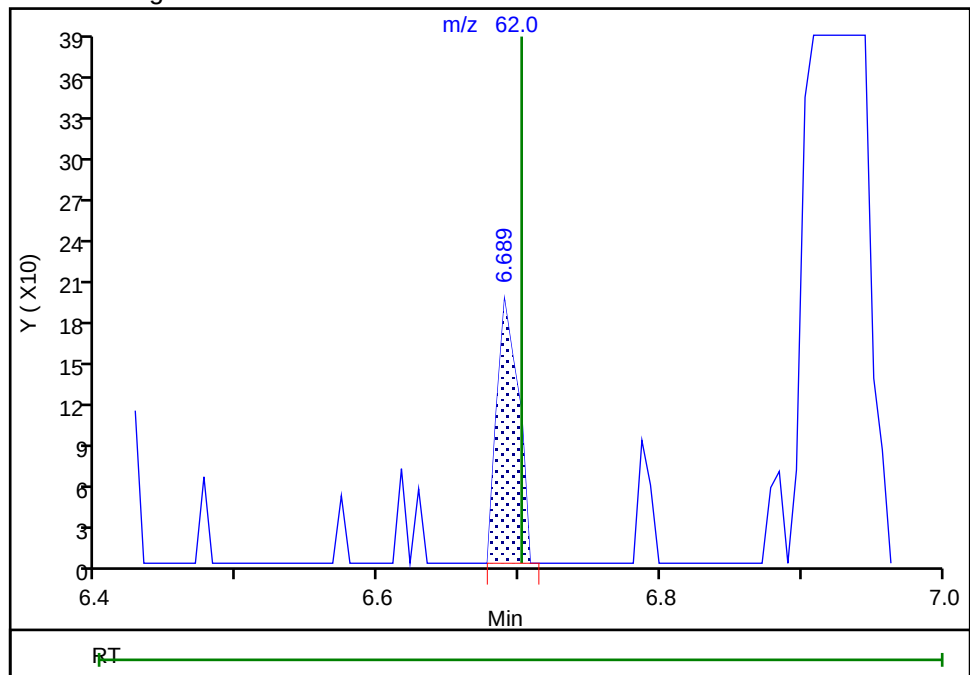
RT: 6.69
Area: 208
Amount: 3.342231
Amount Units: ug/l

Processing Integration Results



RT: 6.69
Area: 208
Amount: 3.979019
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 11-Jun-2020 03:22:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

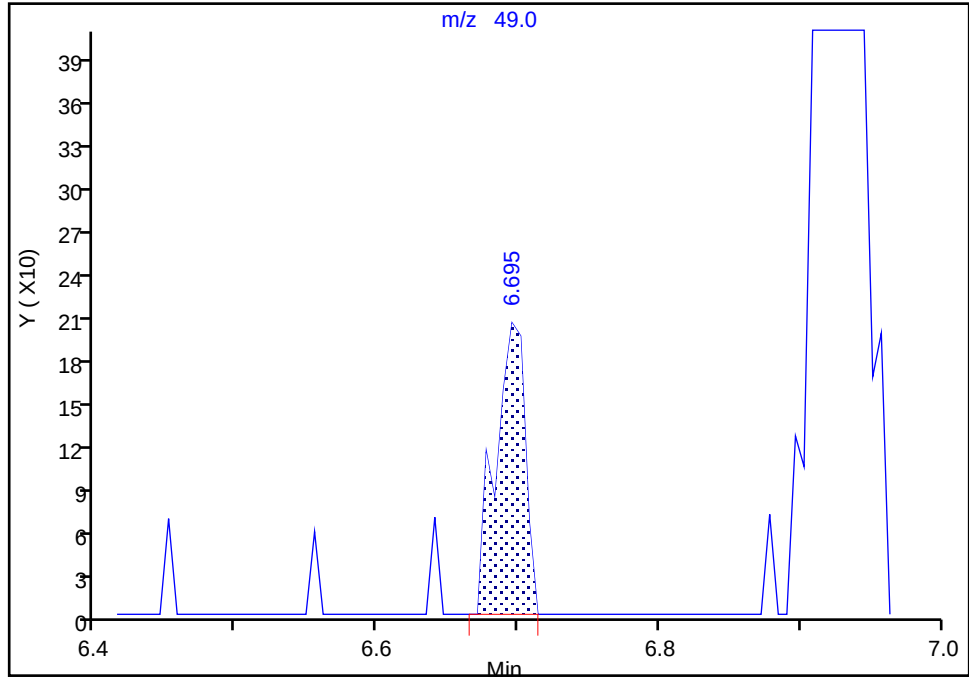
MS SCAN

80 Epichlorohydrin, CAS: 106-89-8

Signal: 3

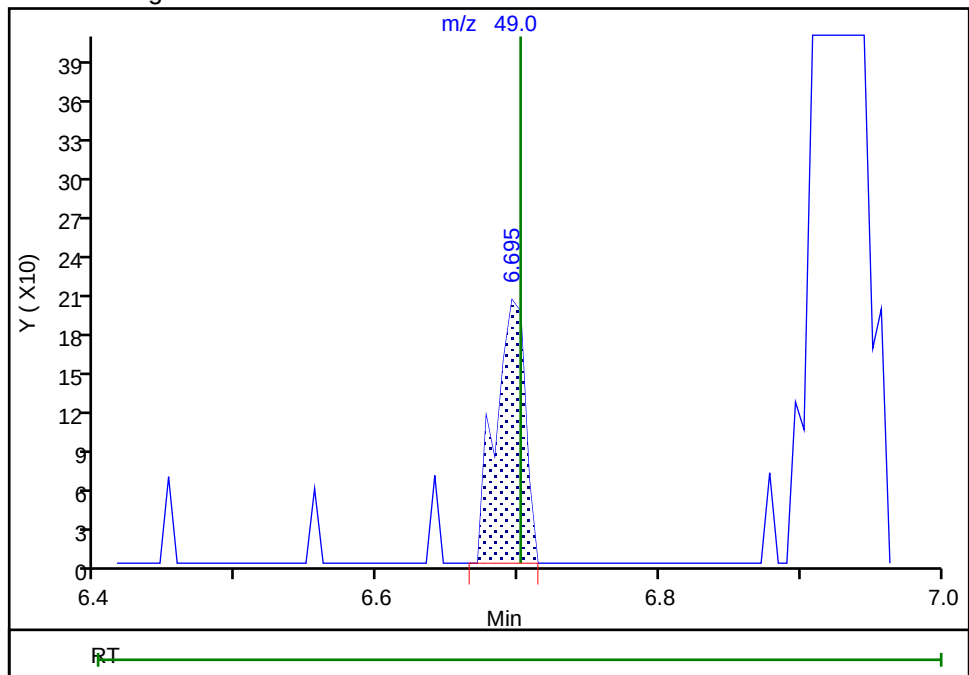
RT: 6.70
Area: 294
Amount: 3.342231
Amount Units: ug/l

Processing Integration Results



RT: 6.70
Area: 294
Amount: 3.979019
Amount Units: ug/l

Manual Integration Results



Reviewer: boykink, 11-Jun-2020 03:22:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

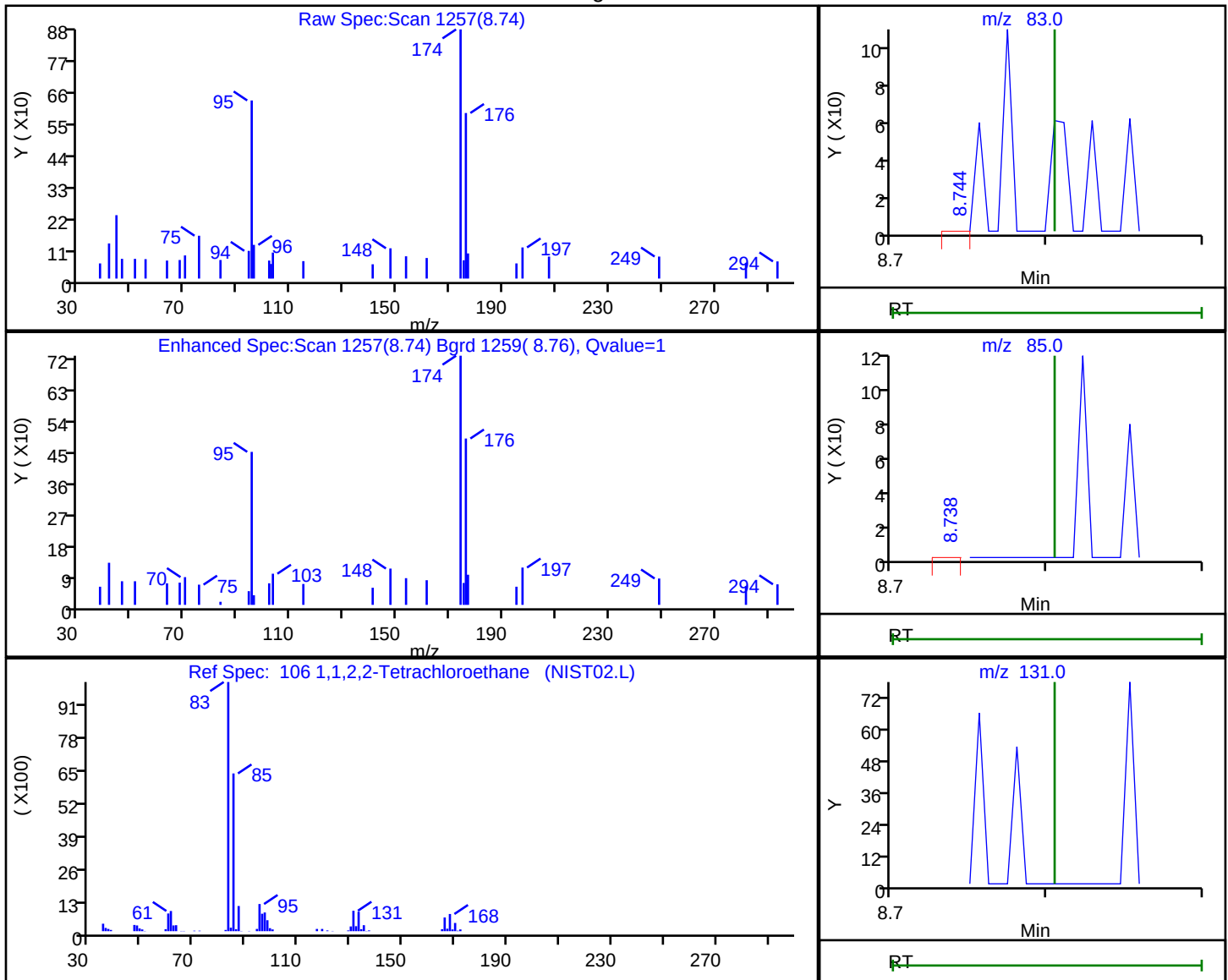
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
8.74	83.00	24	0.006704
8.74	85.00	46	
8.81	131.00	0	

Reviewer: boykink, 11-Jun-2020 03:22:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

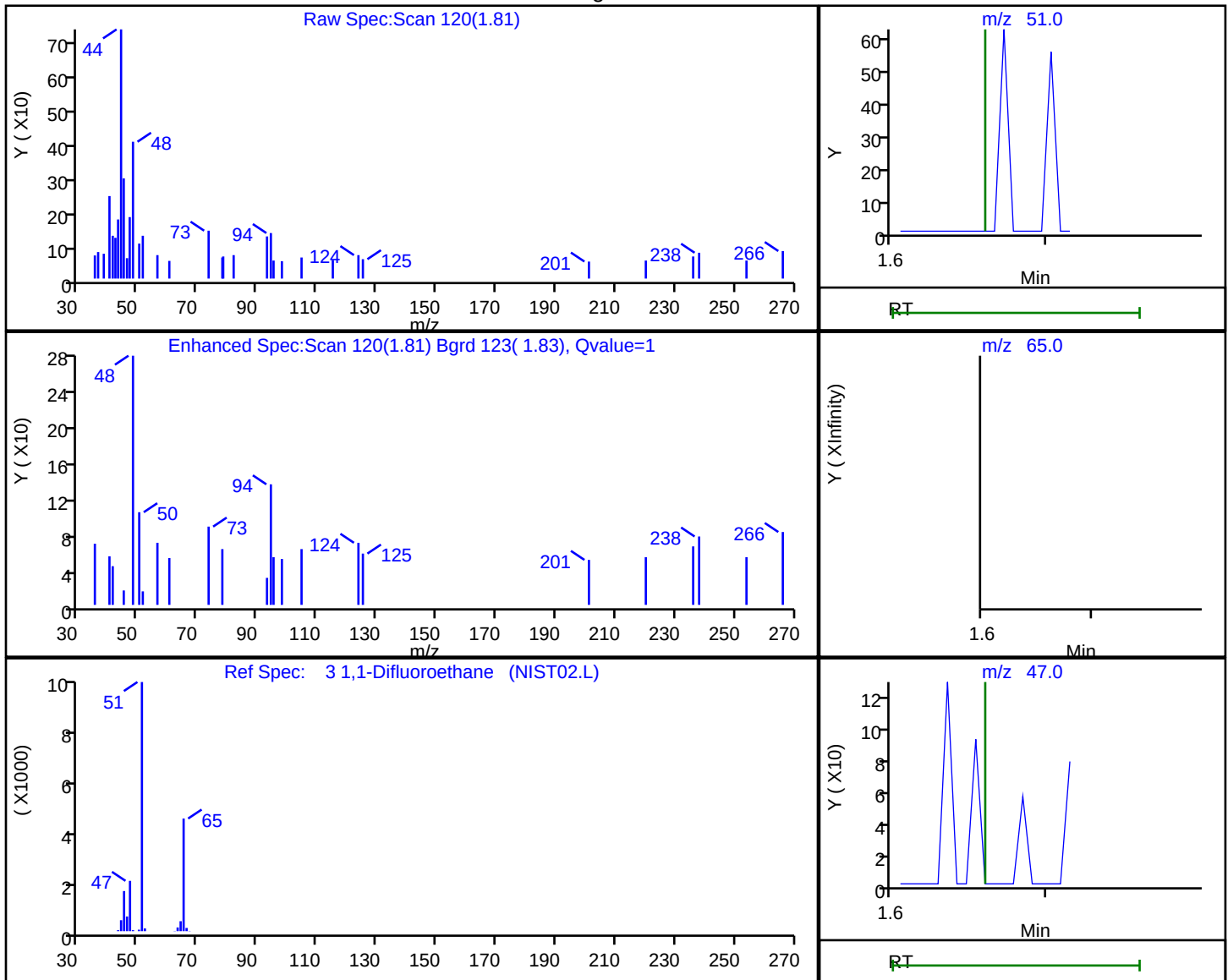
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.81	51.00	80	0.041119
1.81	65.00	81	
1.82	47.00	216	

Reviewer: boykink, 11-Jun-2020 03:21:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

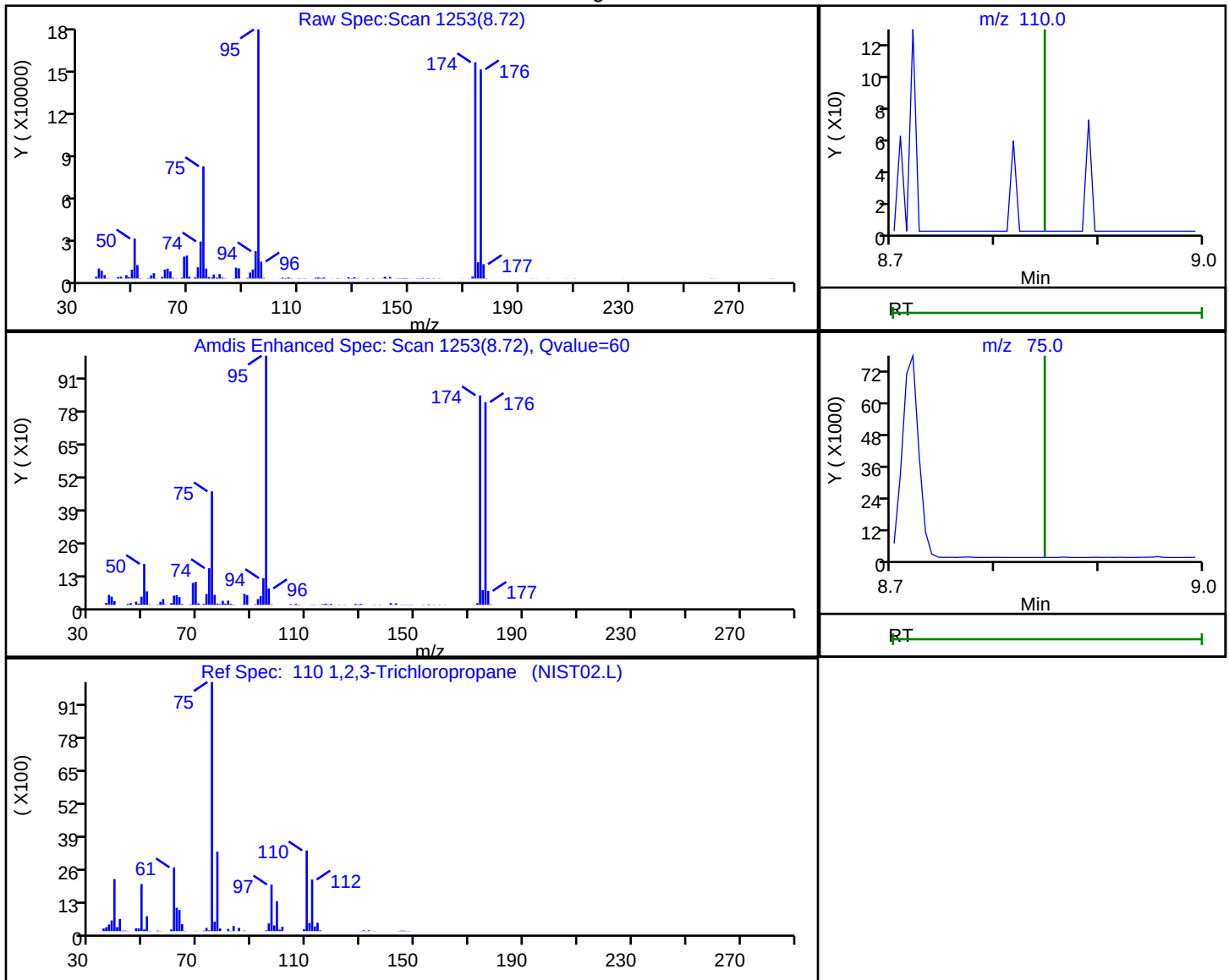
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
8.72	110.00	67	1.037796
8.72	75.00	86056	

Reviewer: boykink, 11-Jun-2020 03:22:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

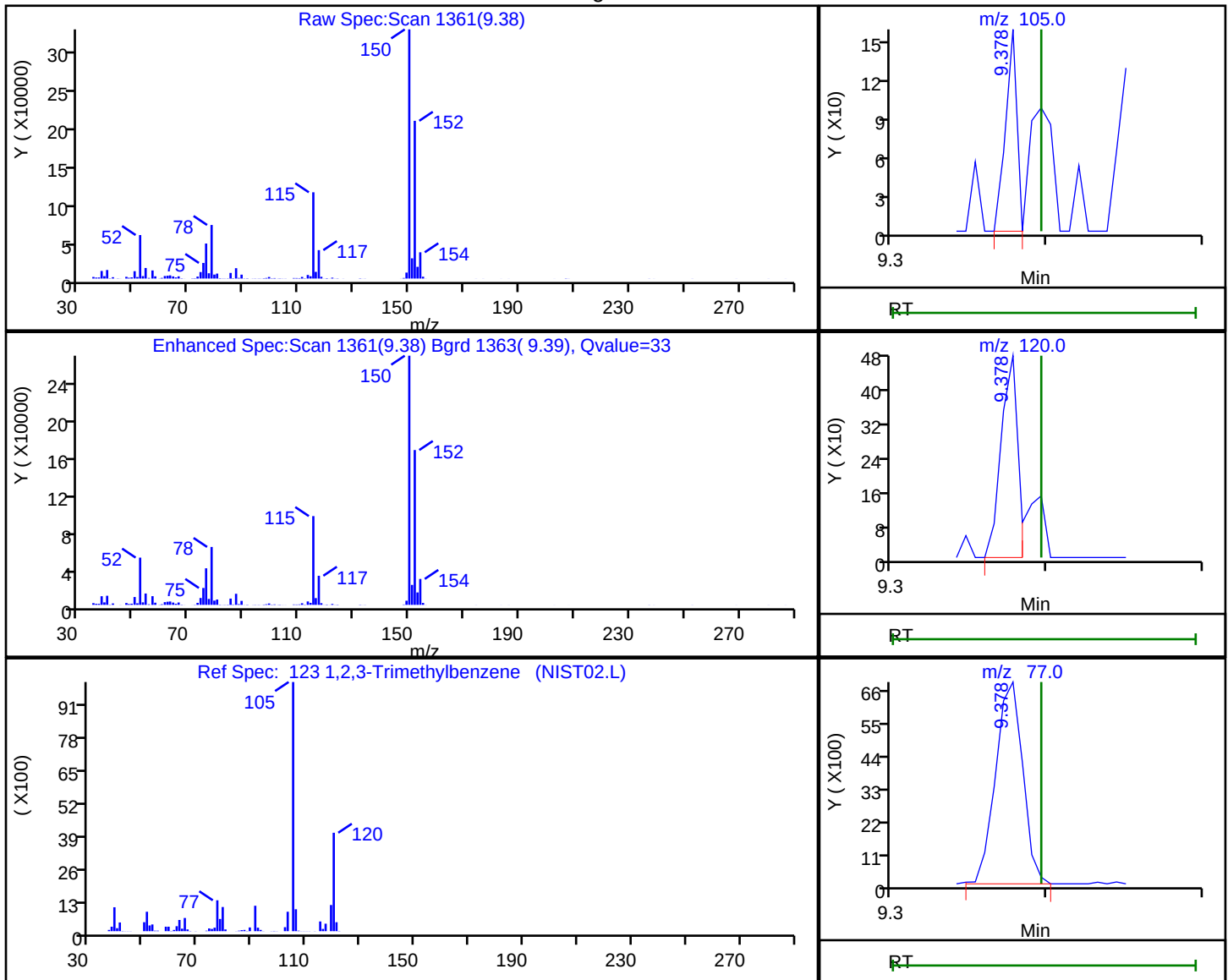
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
9.38	105.00	80	0.005851
9.38	120.00	357	
9.38	77.00	8393	

Reviewer: moroneyc, 11-Jun-2020 08:48:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

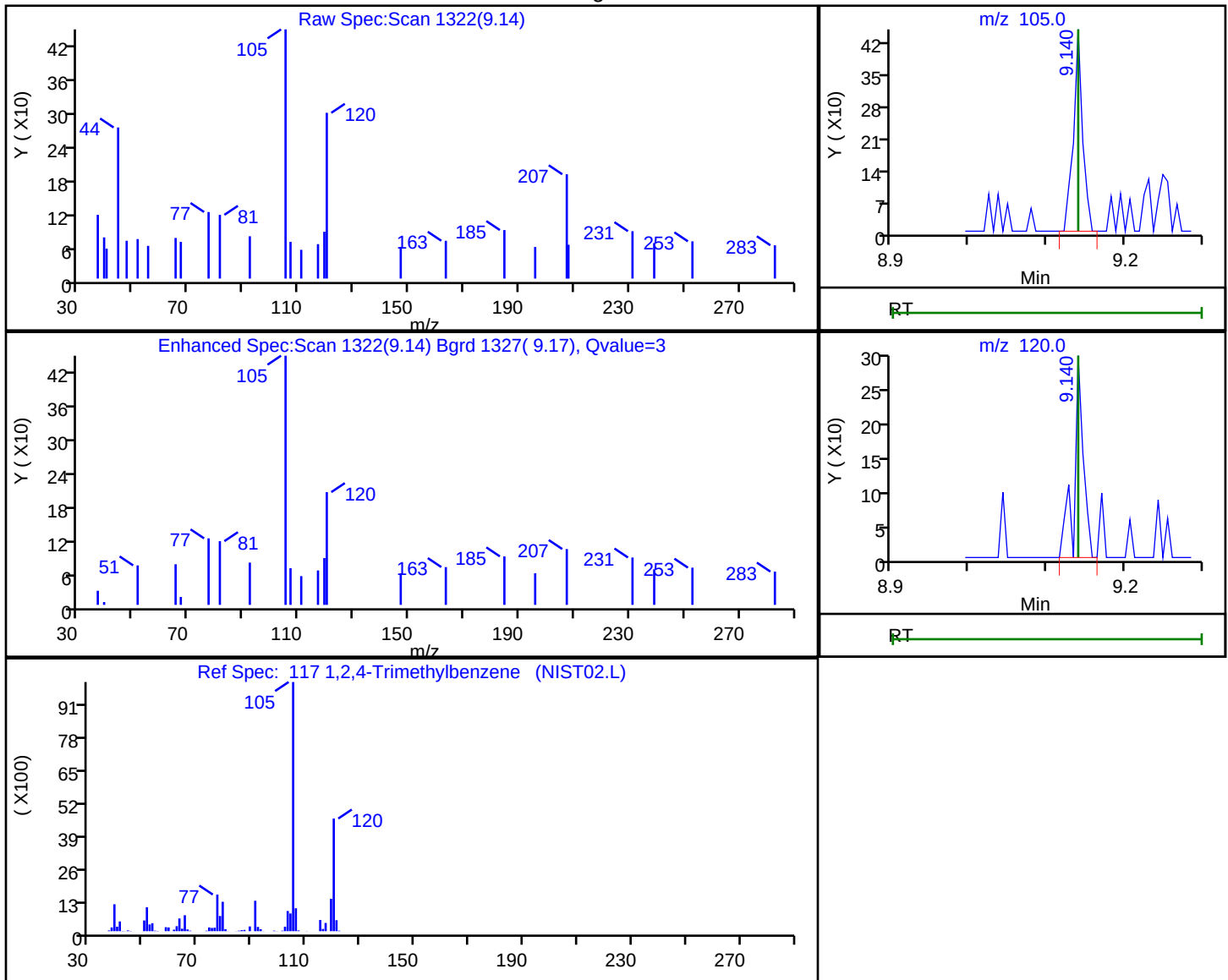
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
9.14	105.00	365	0.026723
9.14	120.00	246	

Reviewer: boykink, 11-Jun-2020 03:22:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

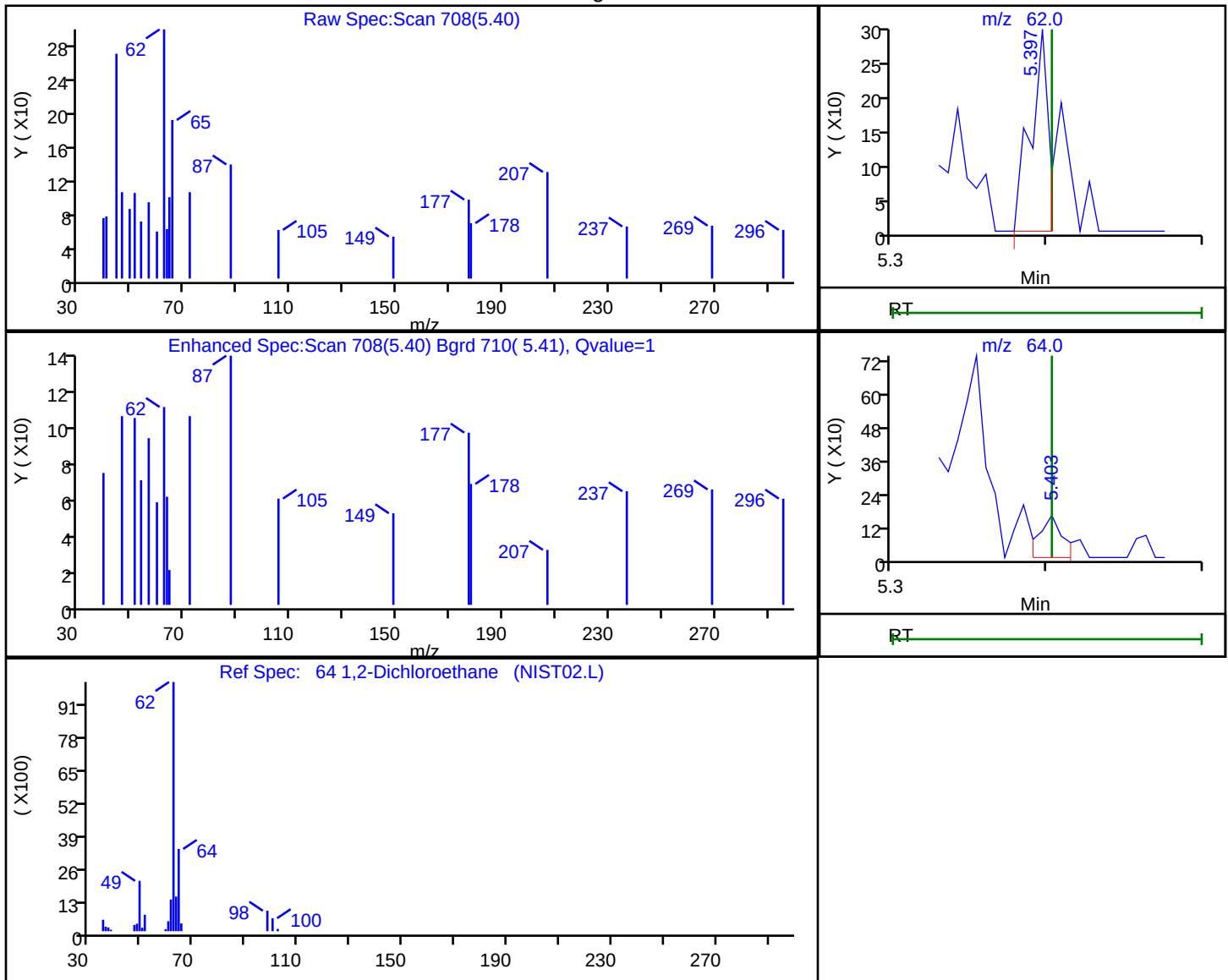
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.40	62.00	241	0.060097
5.40	64.00	164	

Reviewer: boykink, 11-Jun-2020 03:22:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

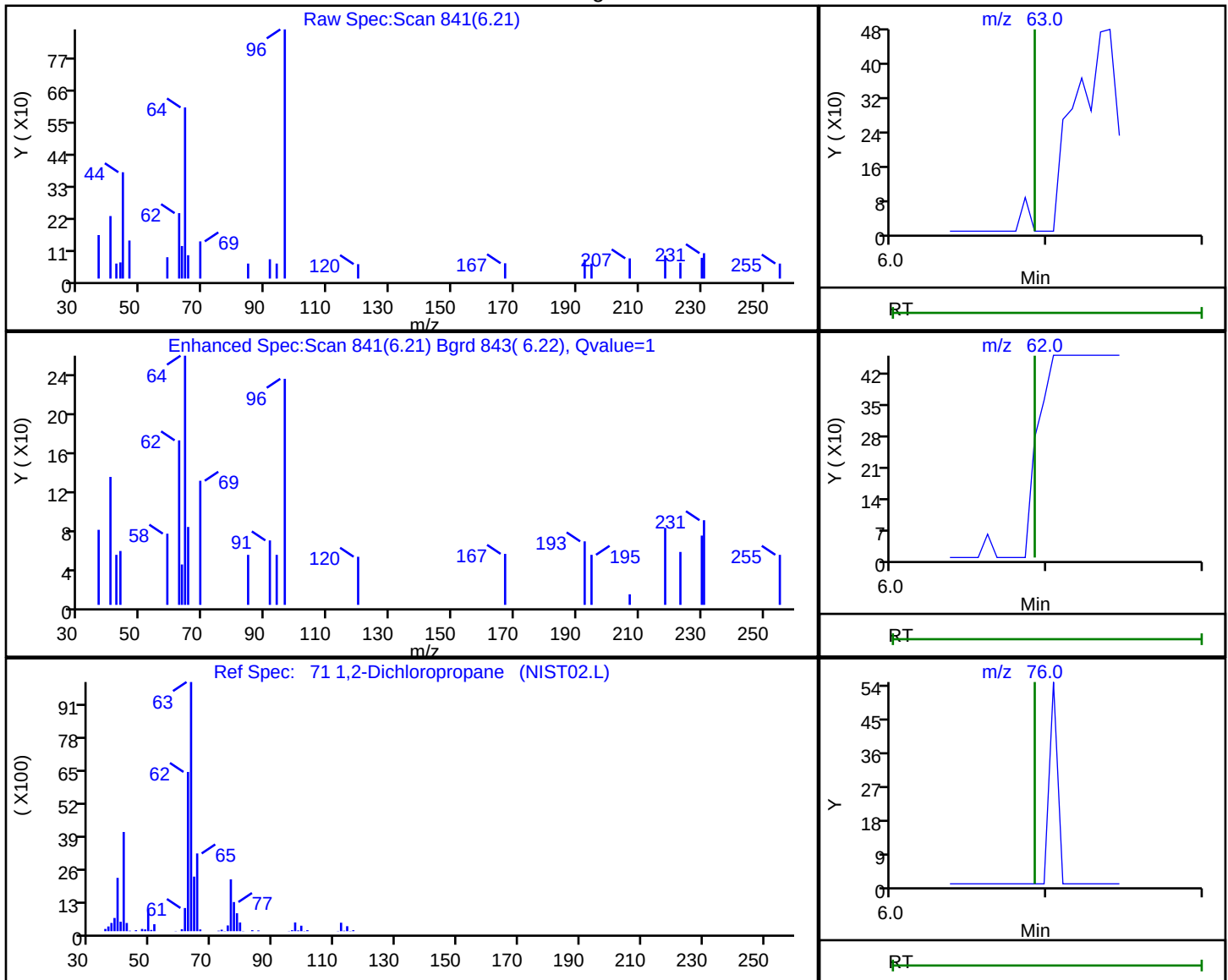
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

71 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
6.21	63.00	97	0.027374
6.20	62.00	339	
6.21	76.00	24	
6.09	112.00	0	

Reviewer: boykink, 11-Jun-2020 03:22:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

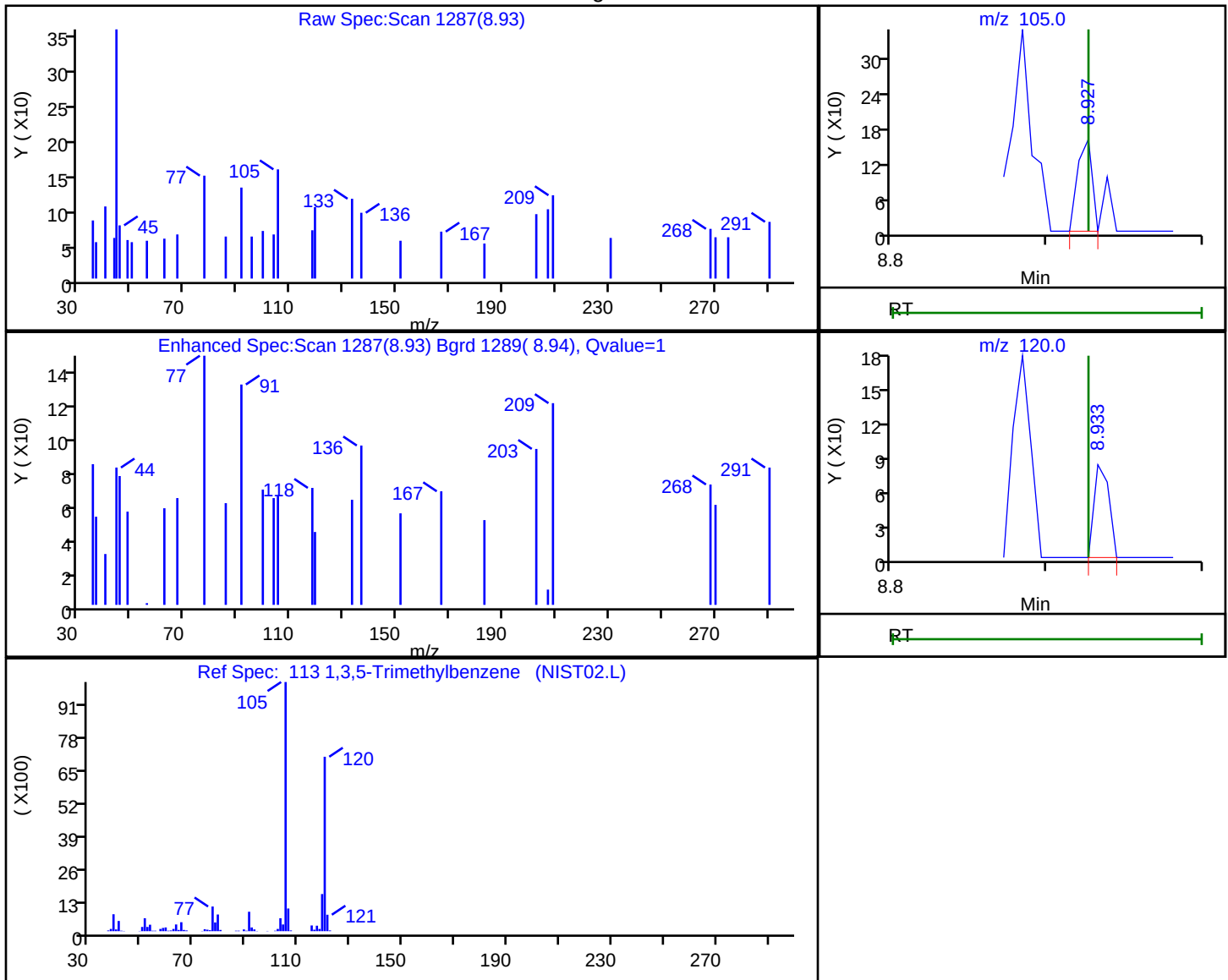
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
8.93	105.00	101	0.007749
8.93	120.00	53	

Reviewer: boykink, 11-Jun-2020 03:22:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

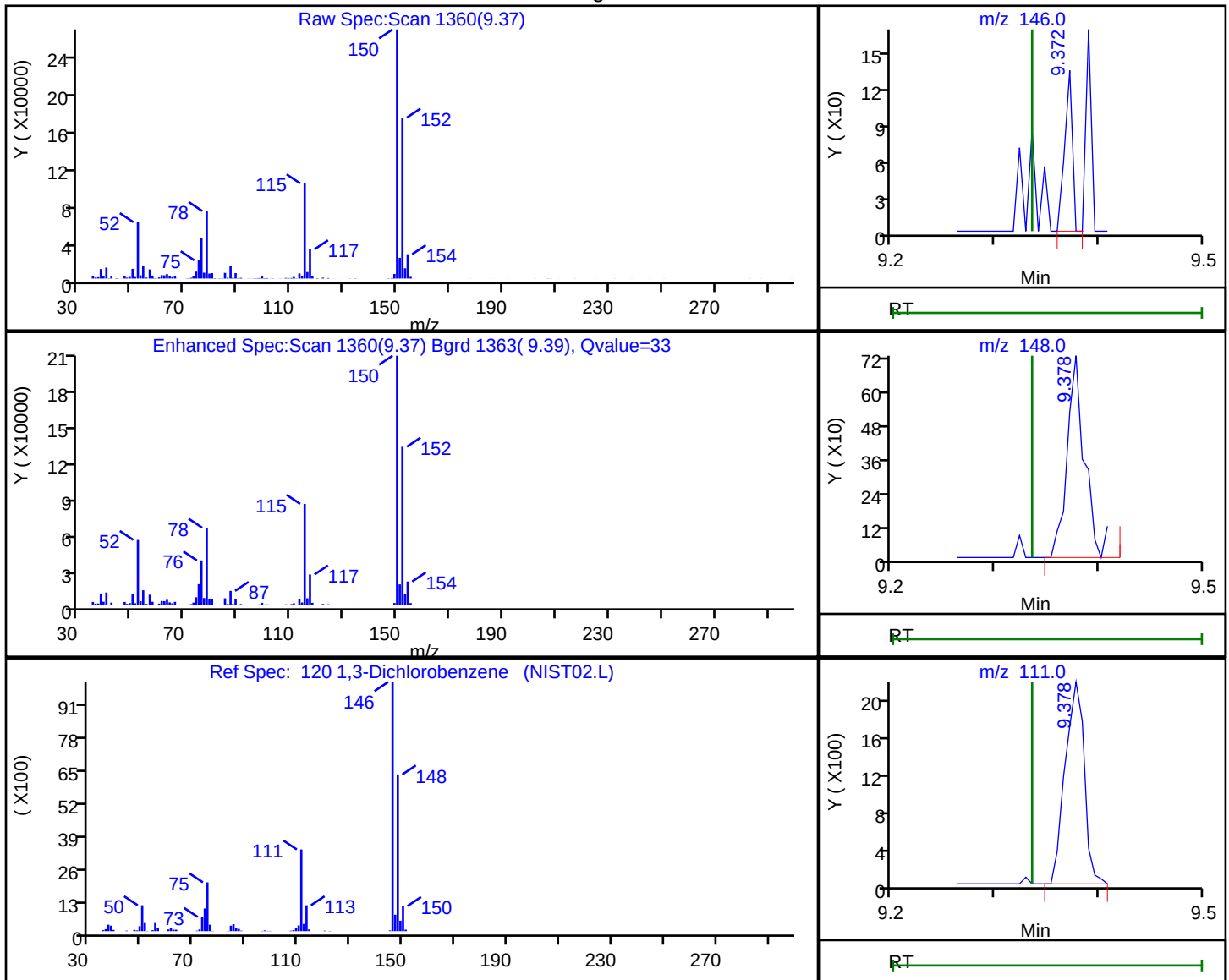
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

120 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
9.37	146.00	67	0.008693
9.38	148.00	856	
9.38	111.00	2707	

Reviewer: boykink, 11-Jun-2020 03:22:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

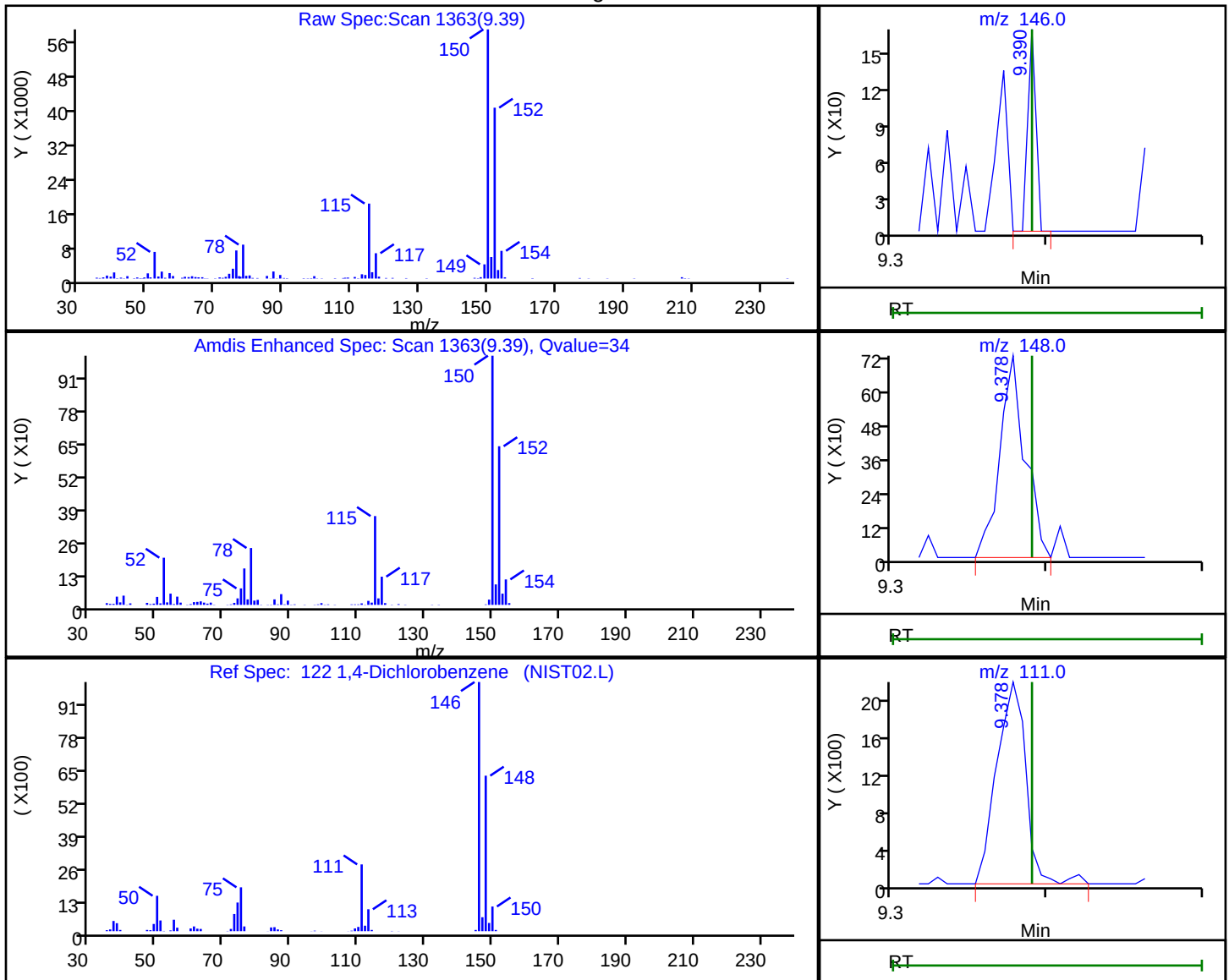
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
9.39	146.00	59	0.007632
9.38	148.00	816	
9.38	111.00	2762	

Reviewer: boykink, 11-Jun-2020 03:22:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

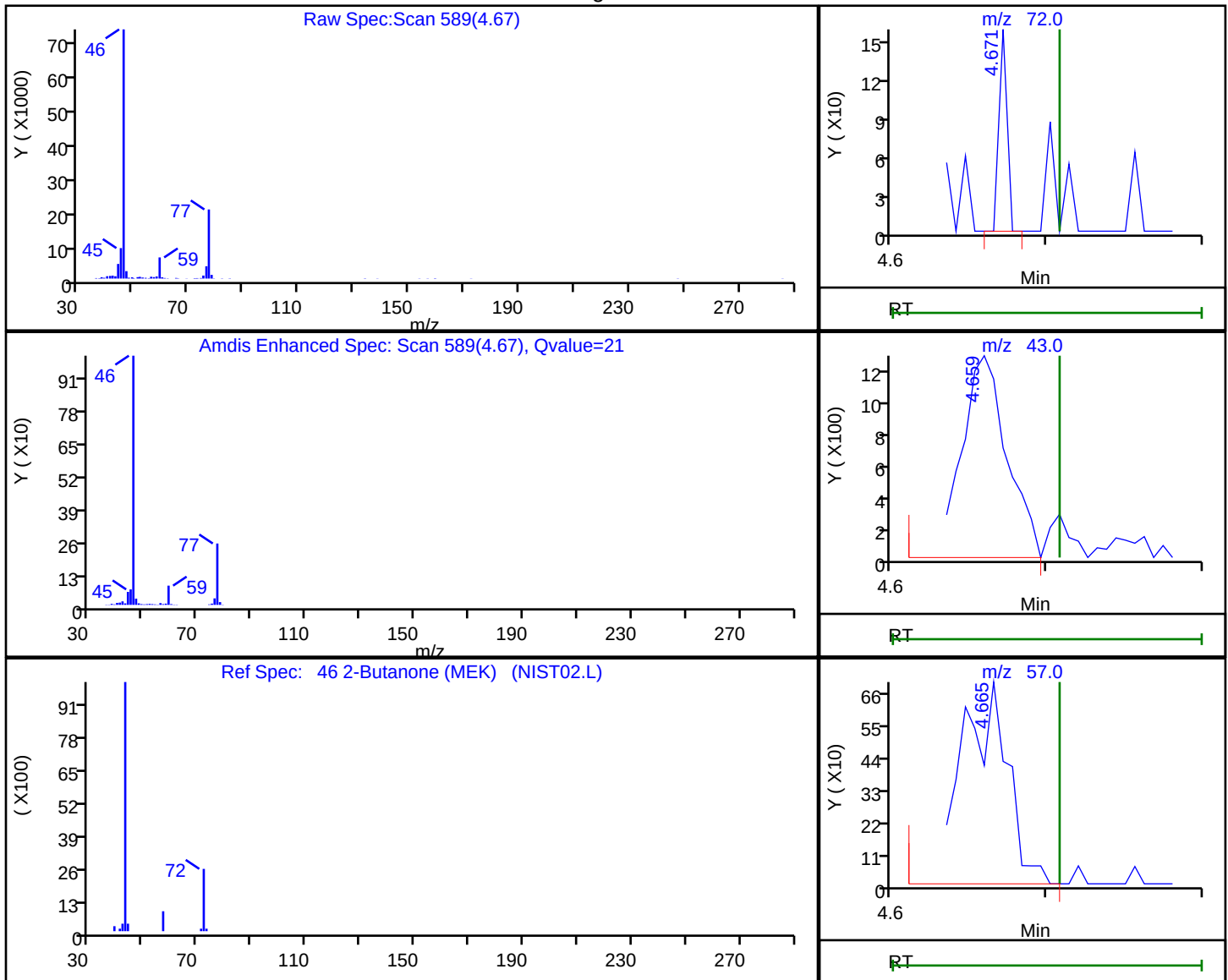
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

46 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.67	72.00	56	0.142148
4.66	43.00	2654	
4.67	57.00	1495	

Reviewer: boykink, 11-Jun-2020 03:21:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

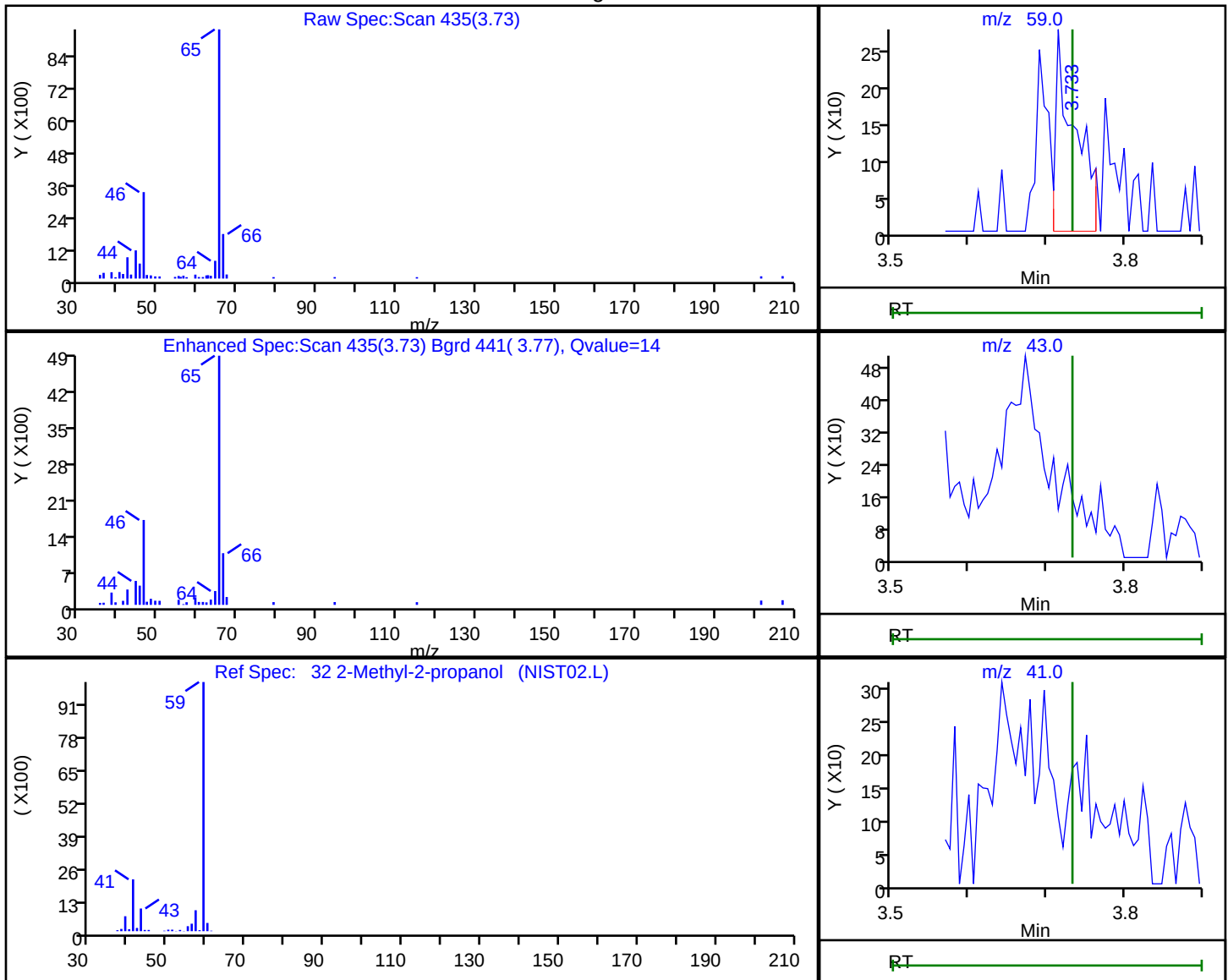
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.73	59.00	490	1.556747
3.74	43.00	0	
3.74	41.00	0	

Reviewer: boykink, 11-Jun-2020 03:21:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

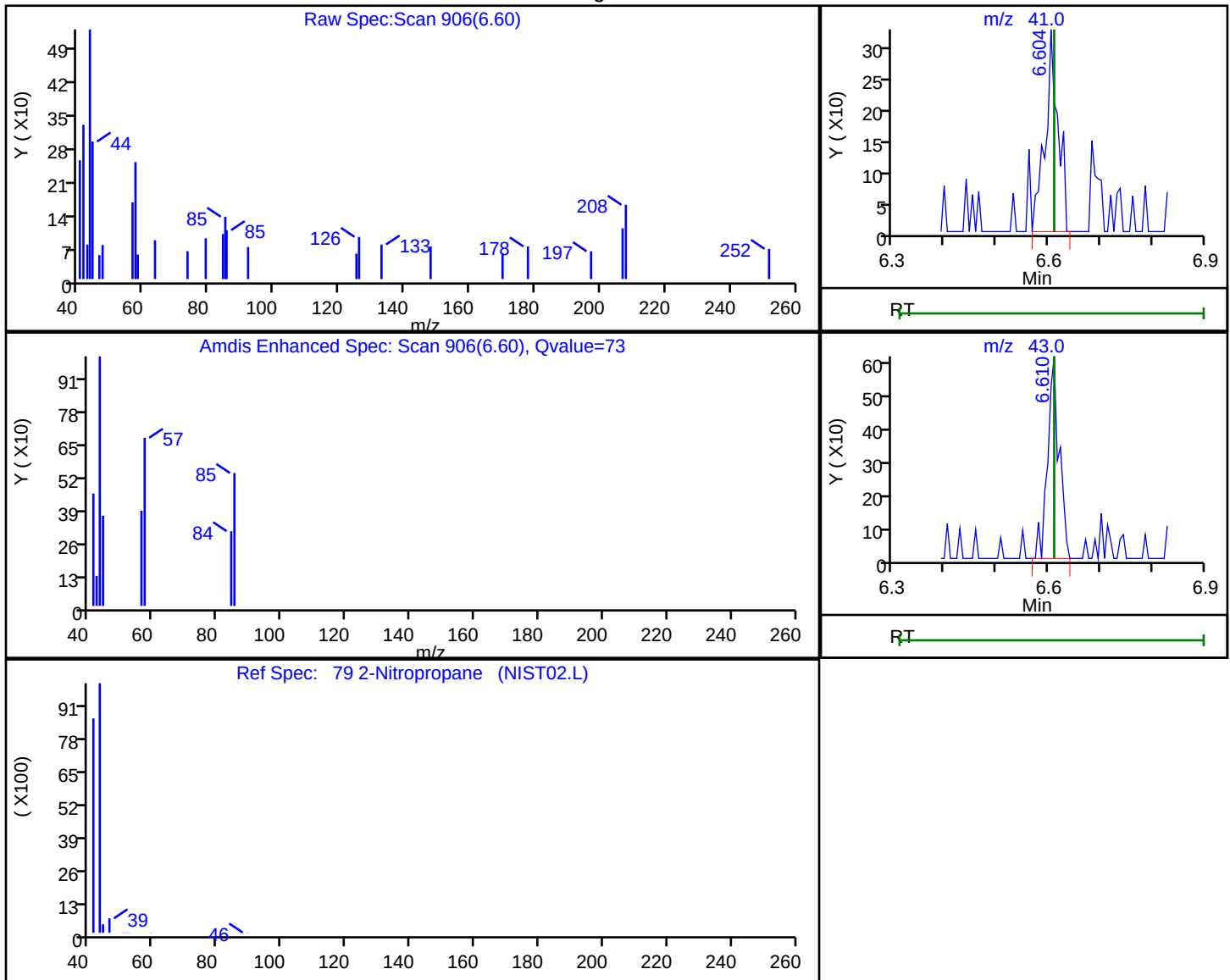
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.60	41.00	556	1.174521
6.61	43.00	955	

Reviewer: boykink, 11-Jun-2020 03:22:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

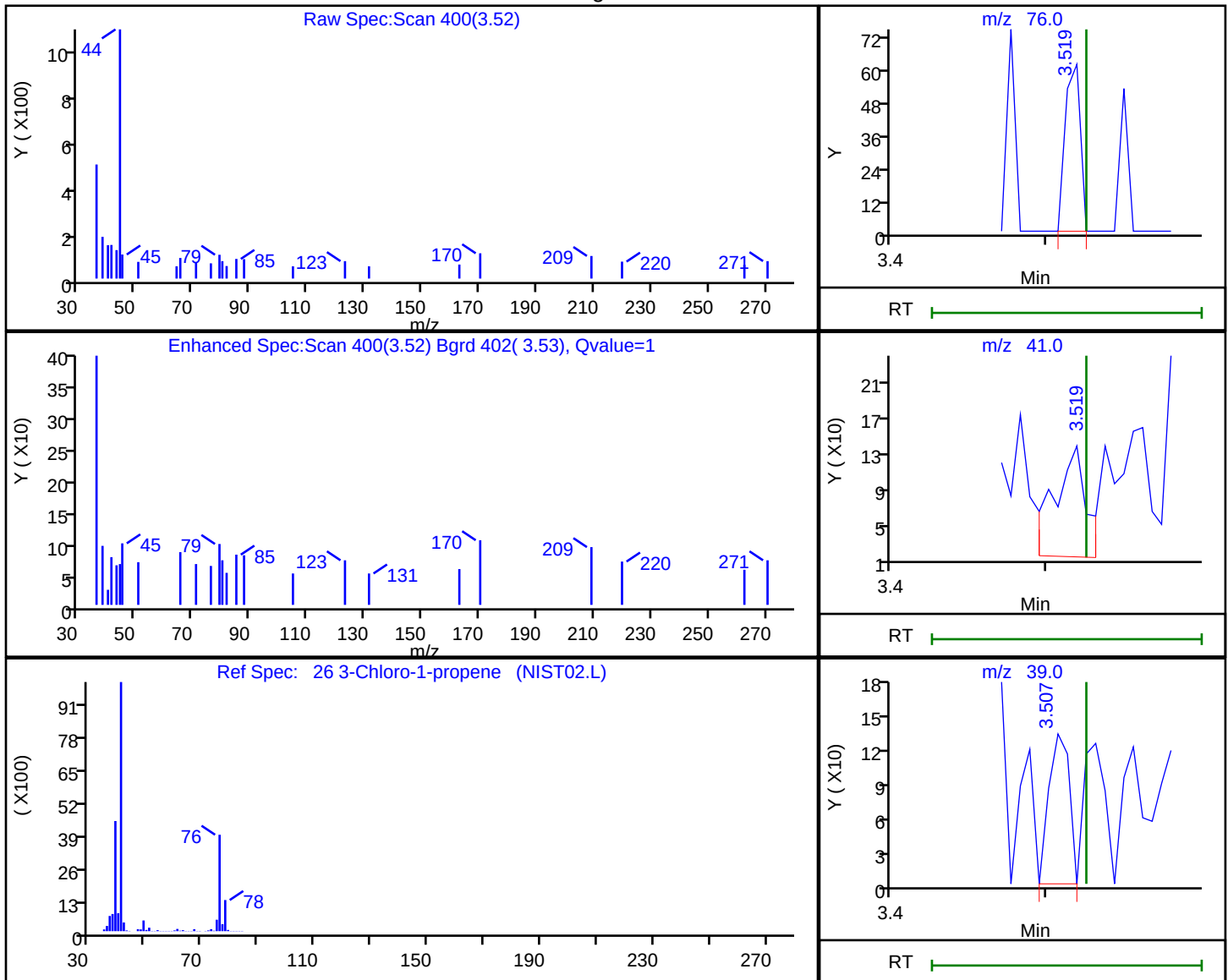
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.52	76.00	42	0.012323
3.52	41.00	176	
3.51	39.00	116	

Reviewer: boykink, 11-Jun-2020 03:21:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

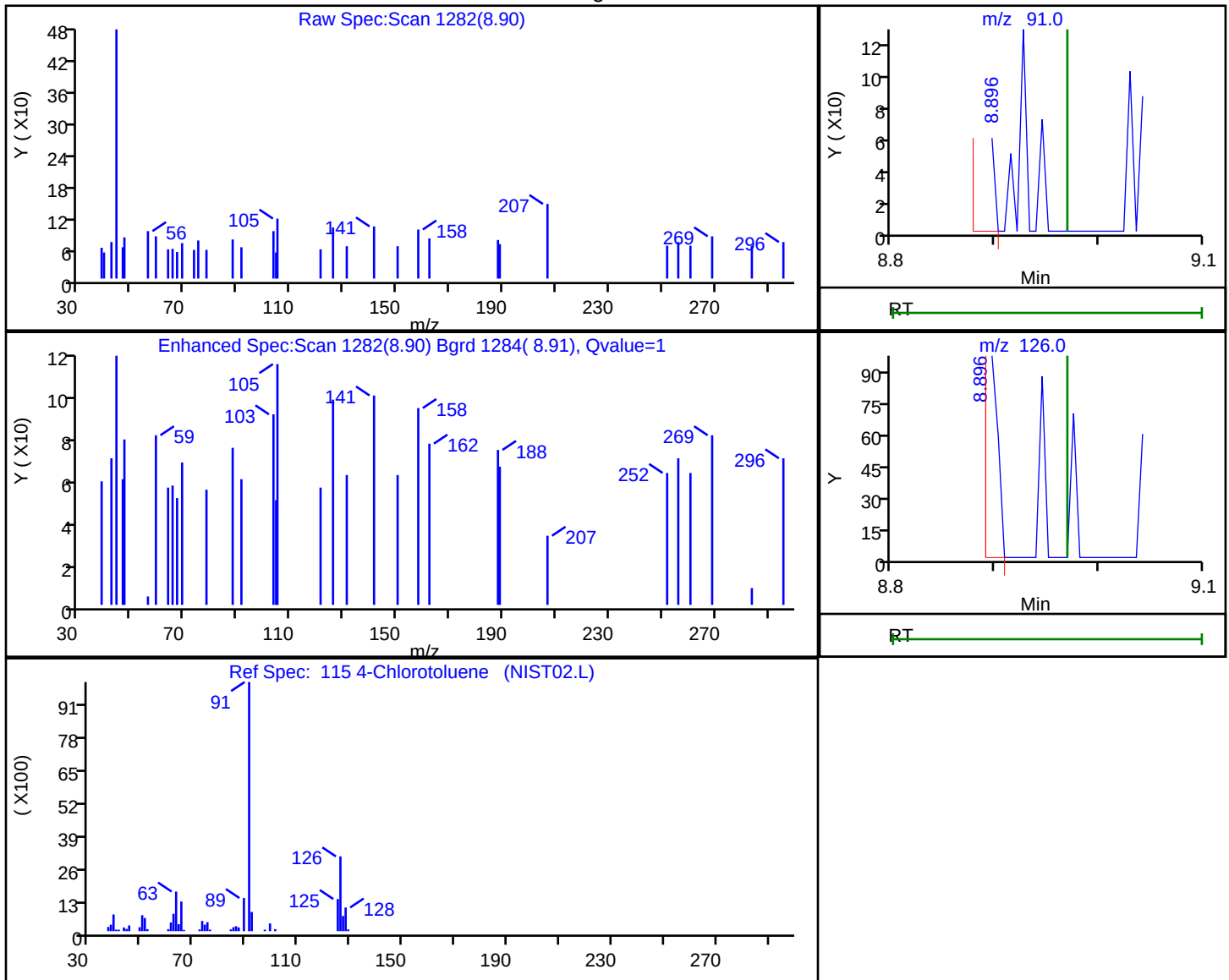
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

115 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
8.90	91.00	41	0.003728
8.90	126.00	57	

Reviewer: boykink, 11-Jun-2020 03:22:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

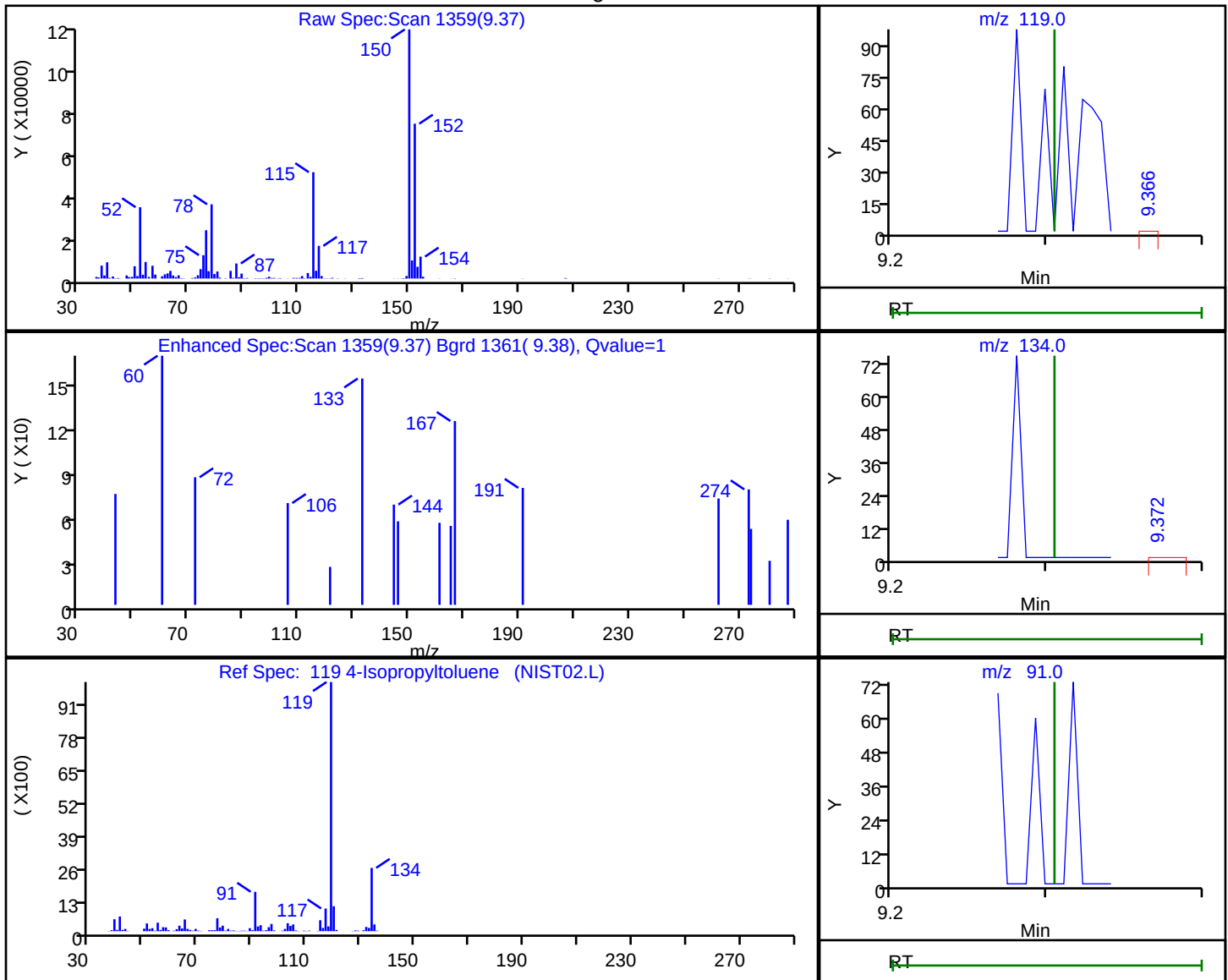
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
9.37	119.00	45	0.003119
9.37	134.00	180	
9.37	91.00	660	

Reviewer: boykink, 11-Jun-2020 03:22:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

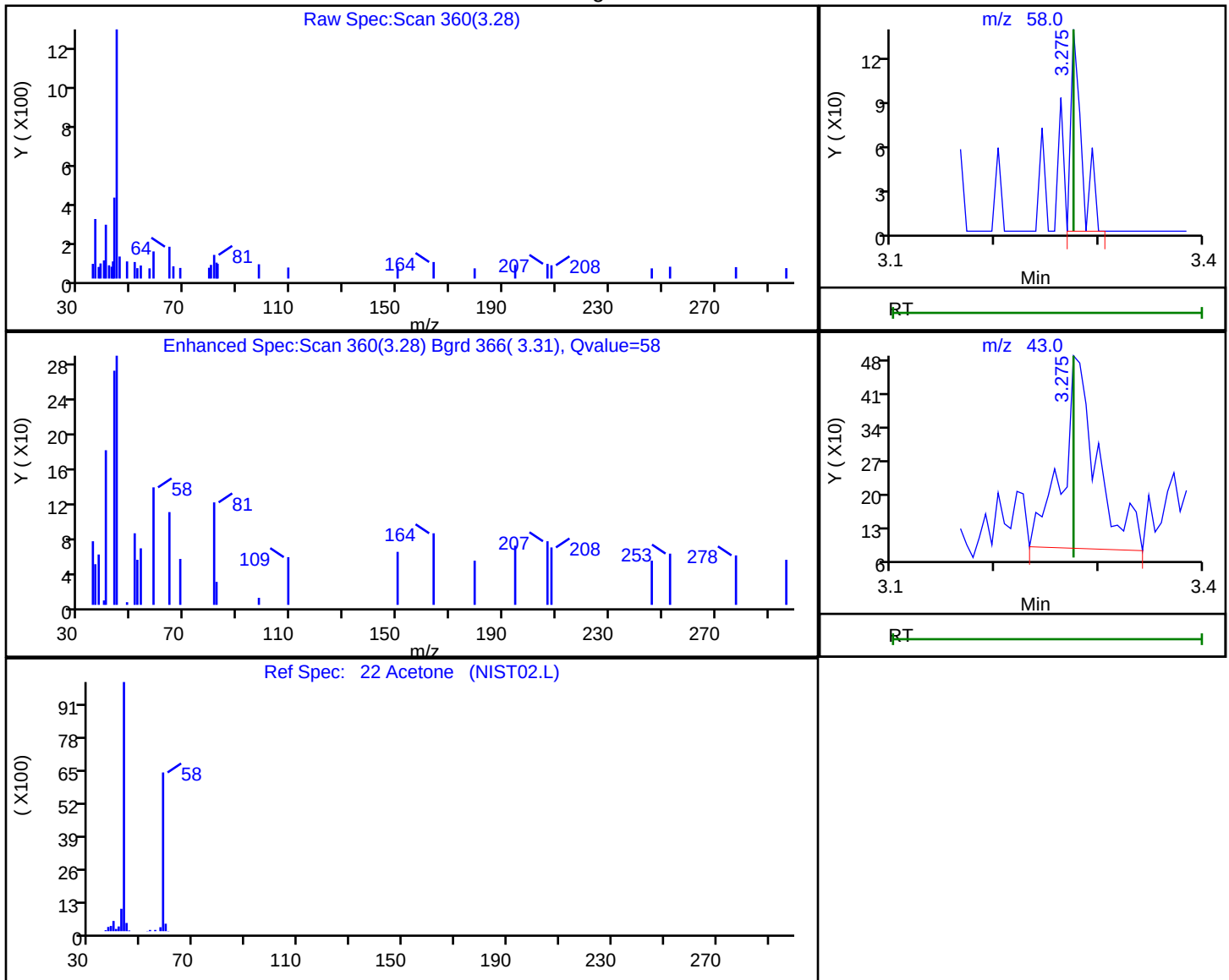
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.28	58.00	97	0.172475
3.28	43.00	913	

Reviewer: boykink, 11-Jun-2020 03:21:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

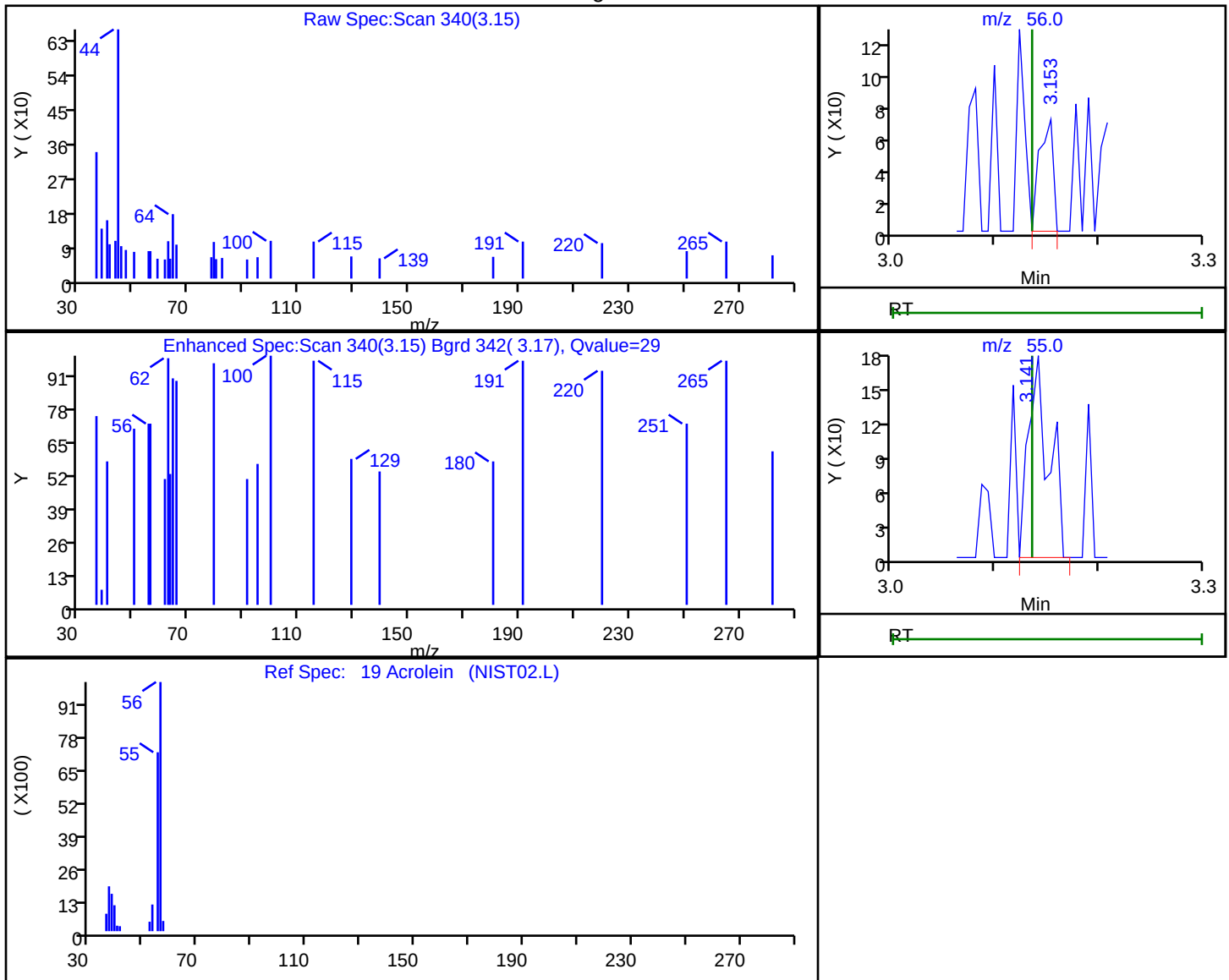
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
3.15	56.00	66	0.267558
3.14	55.00	234	

Reviewer: boykink, 11-Jun-2020 03:21:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

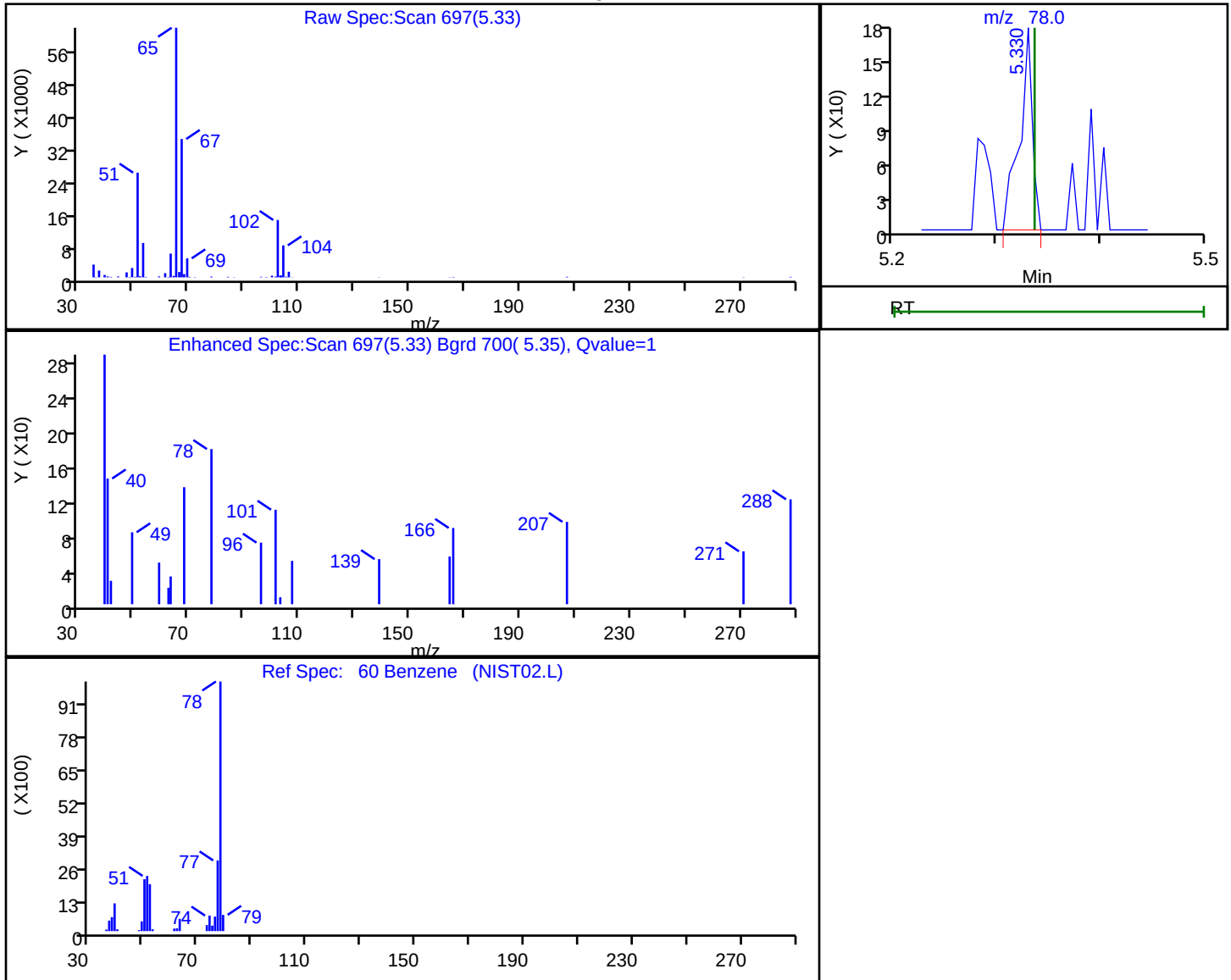
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.33	78.00	155	0.010941

Reviewer: boykink, 11-Jun-2020 03:22:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

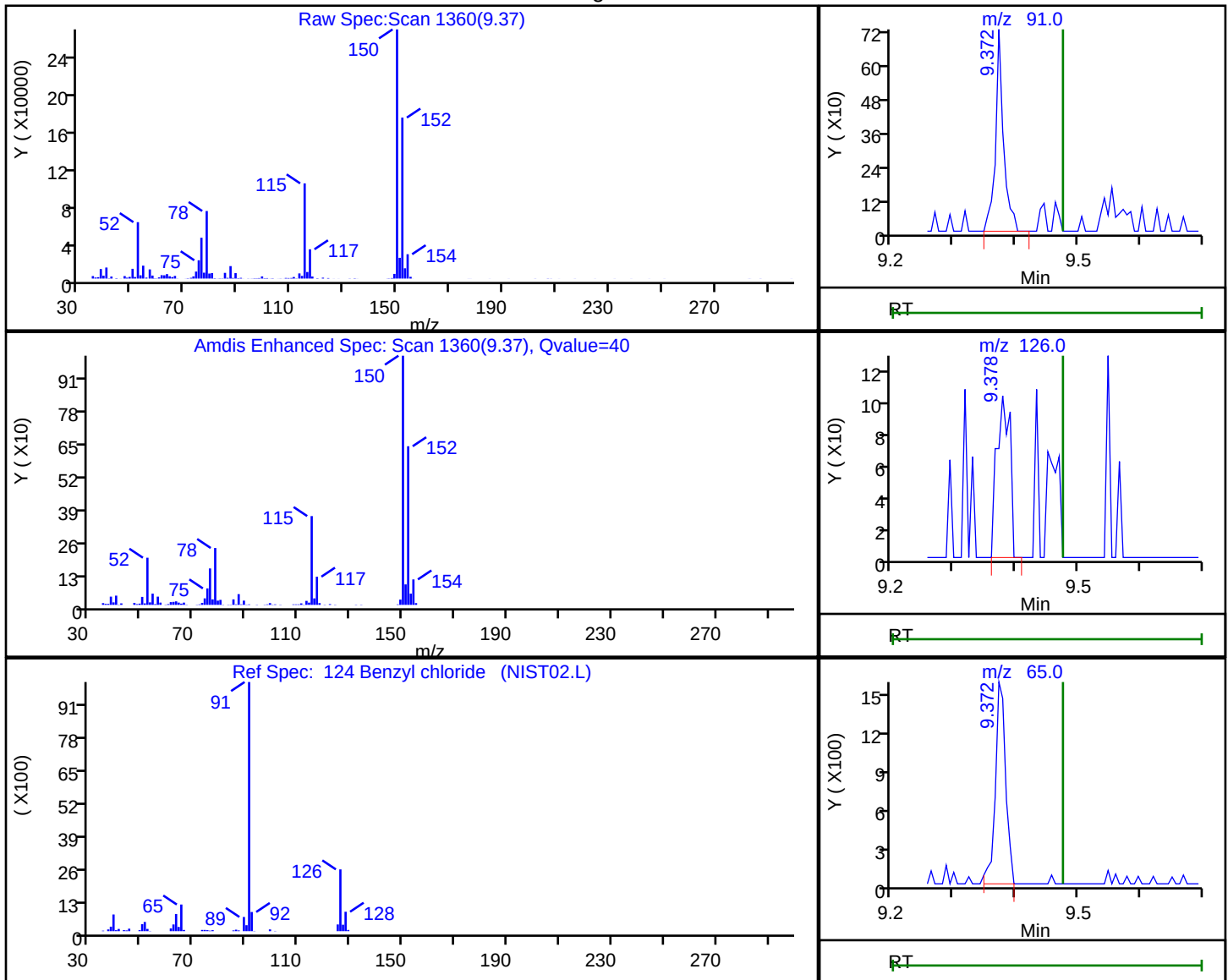
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
9.37	91.00	660	0.265642
9.38	126.00	148	
9.37	65.00	1817	

Reviewer: boykink, 11-Jun-2020 03:22:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

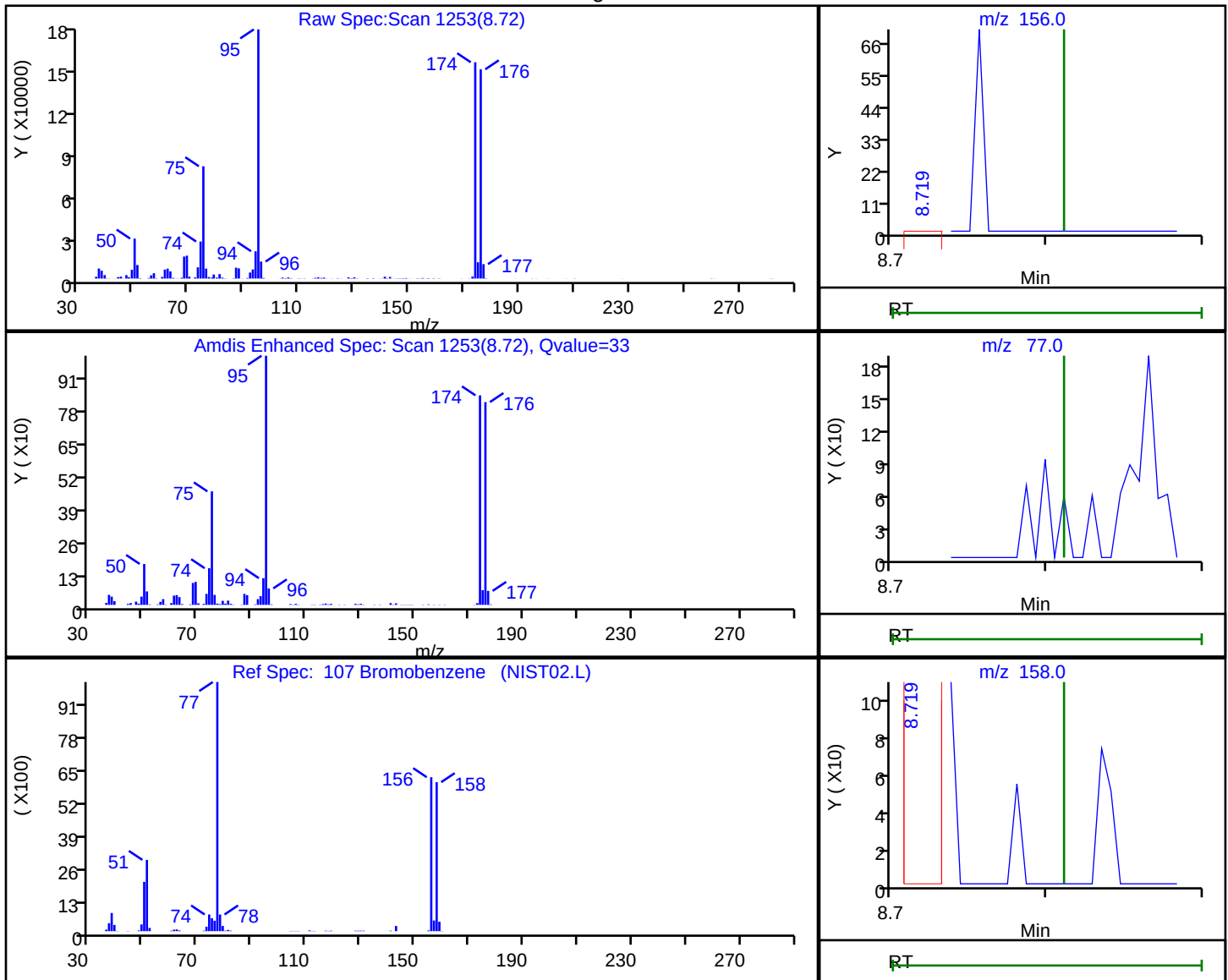
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

107 Bromobenzene, CAS: 108-86-1

Processing Results



RT	Mass	Response	Amount
8.72	156.00	22	0.005925
8.72	77.00	882	
8.72	158.00	19	

Reviewer: boykink, 11-Jun-2020 03:22:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

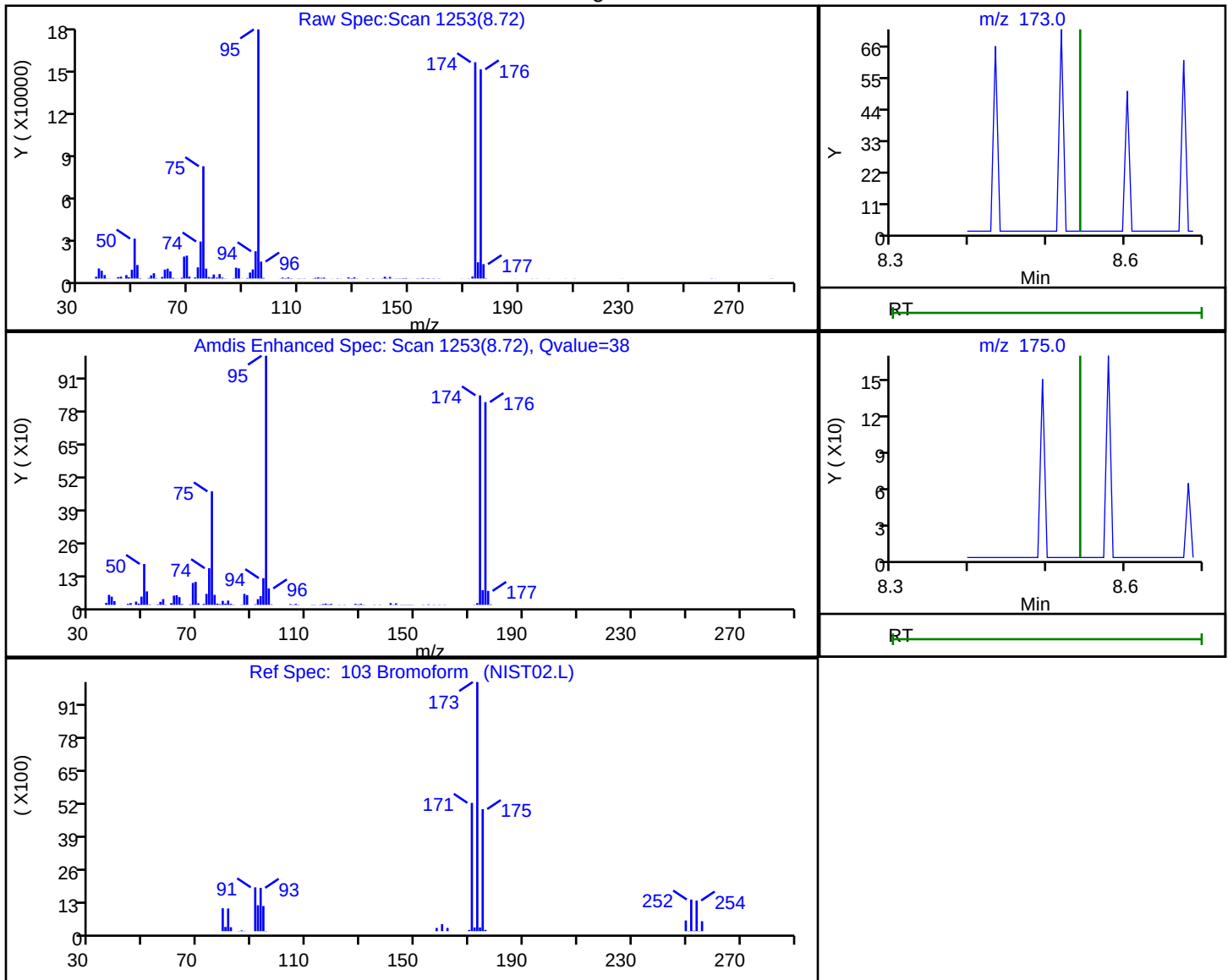
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.72	173.00	1143	1.391243
8.72	175.00	11066	

Reviewer: boykink, 11-Jun-2020 03:22:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

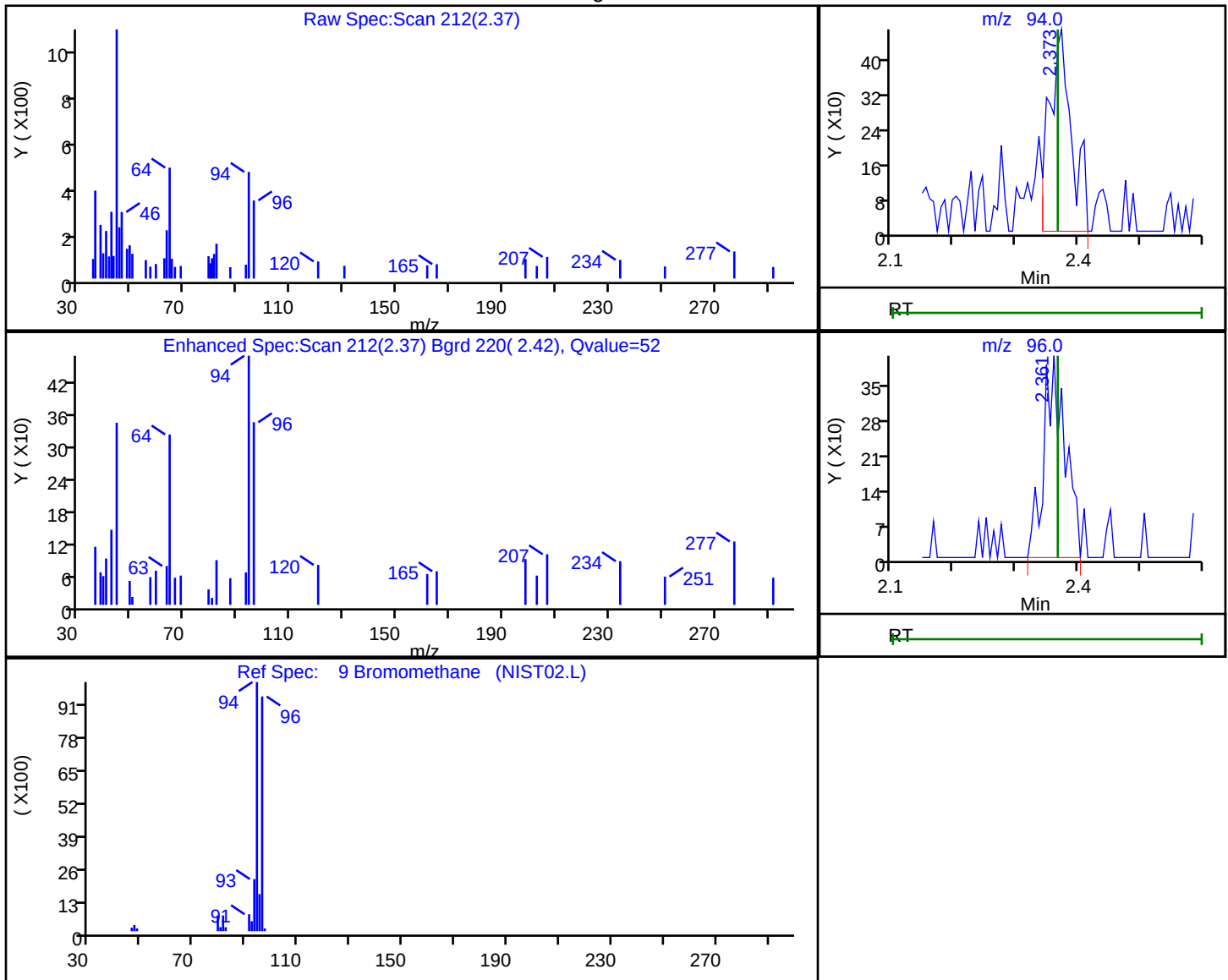
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.37	94.00	1154	0.250000
2.36	96.00	974	

Reviewer: boykink, 11-Jun-2020 02:39:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

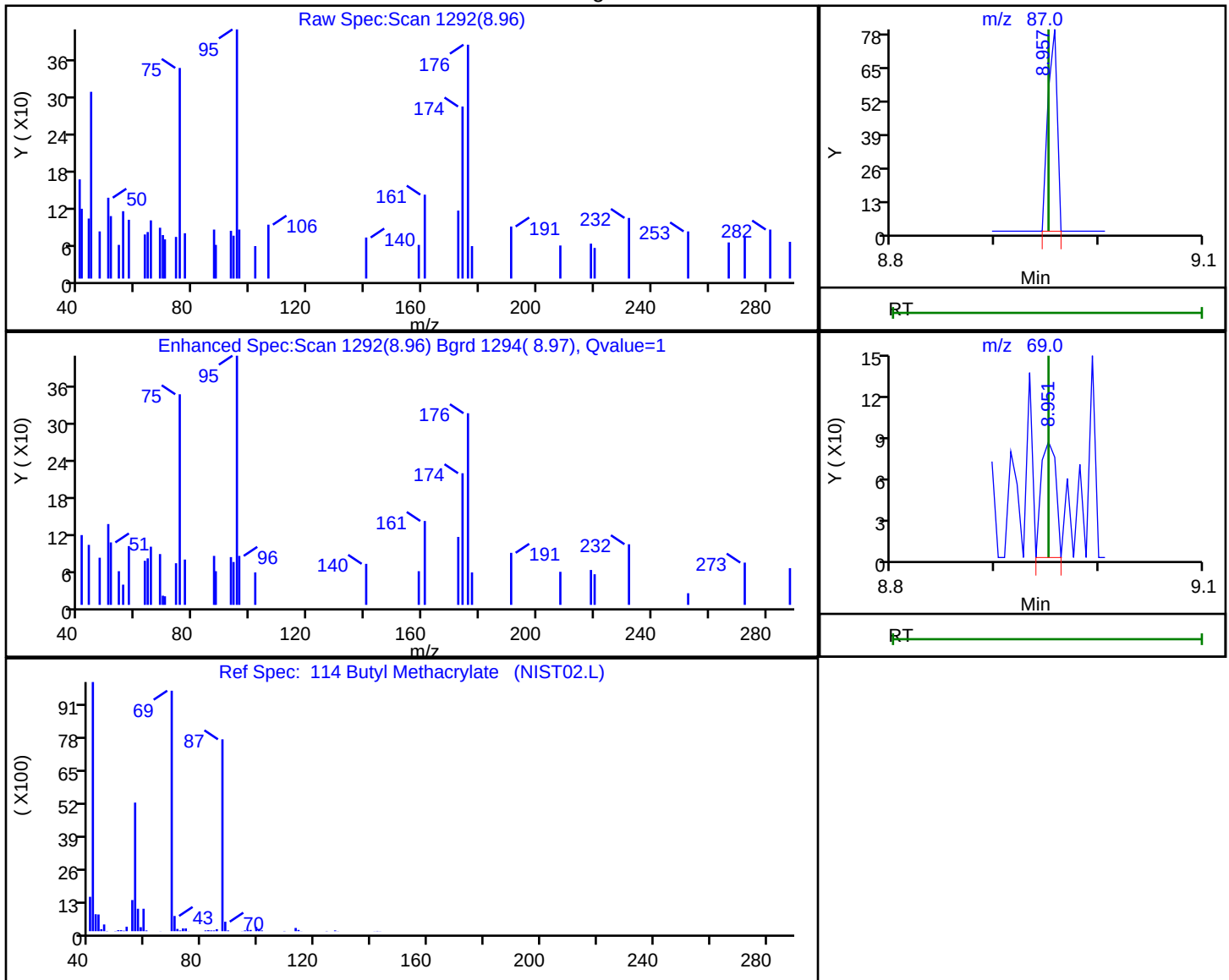
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

114 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
8.96	87.00	50	0.024467
8.95	69.00	81	

Reviewer: boykink, 11-Jun-2020 03:22:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

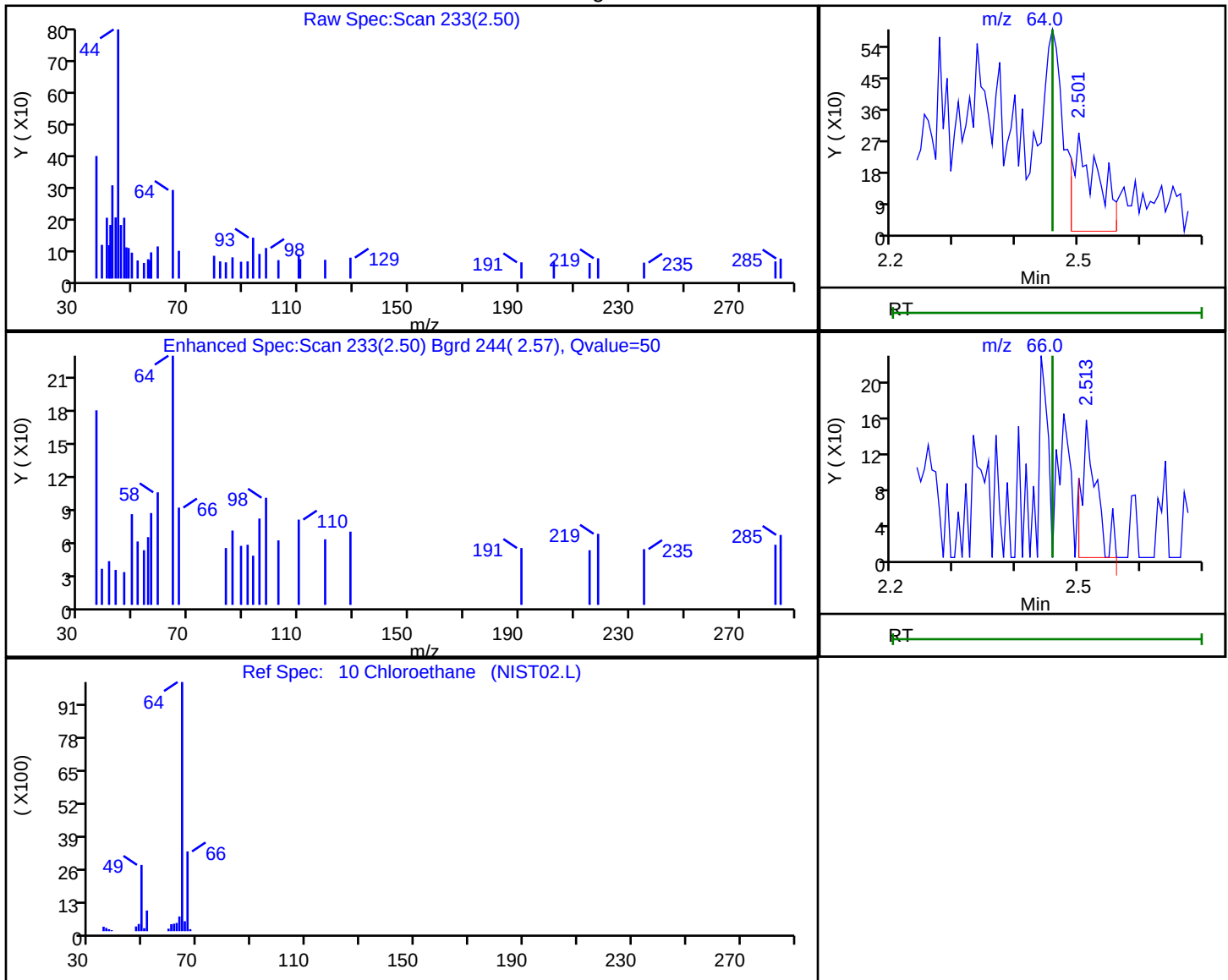
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.50	64.00	771	0.250000
2.51	66.00	248	

Reviewer: boykink, 11-Jun-2020 02:39:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

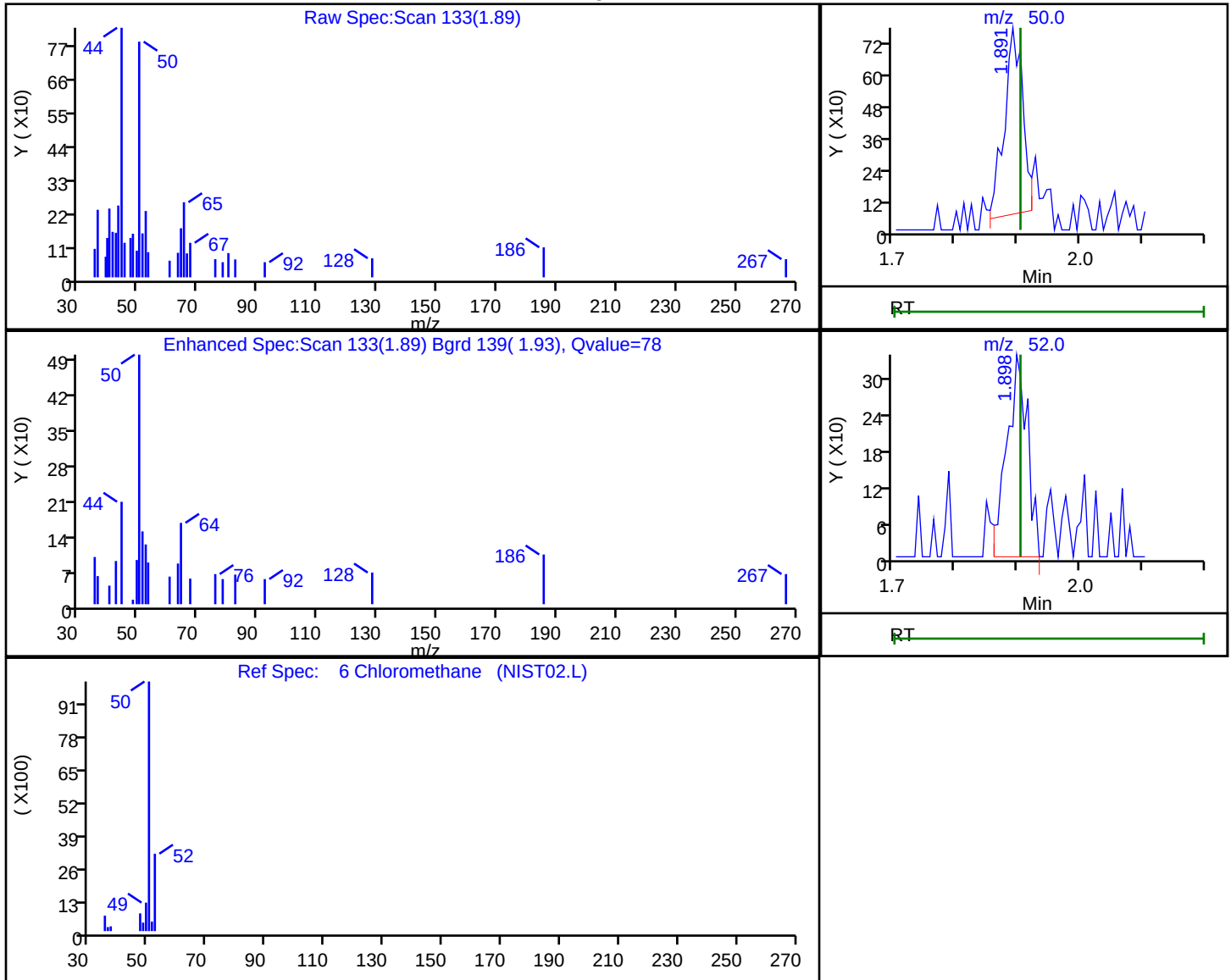
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.89	50.00	1499	0.250000
1.90	52.00	785	

Reviewer: boykink, 11-Jun-2020 02:38:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

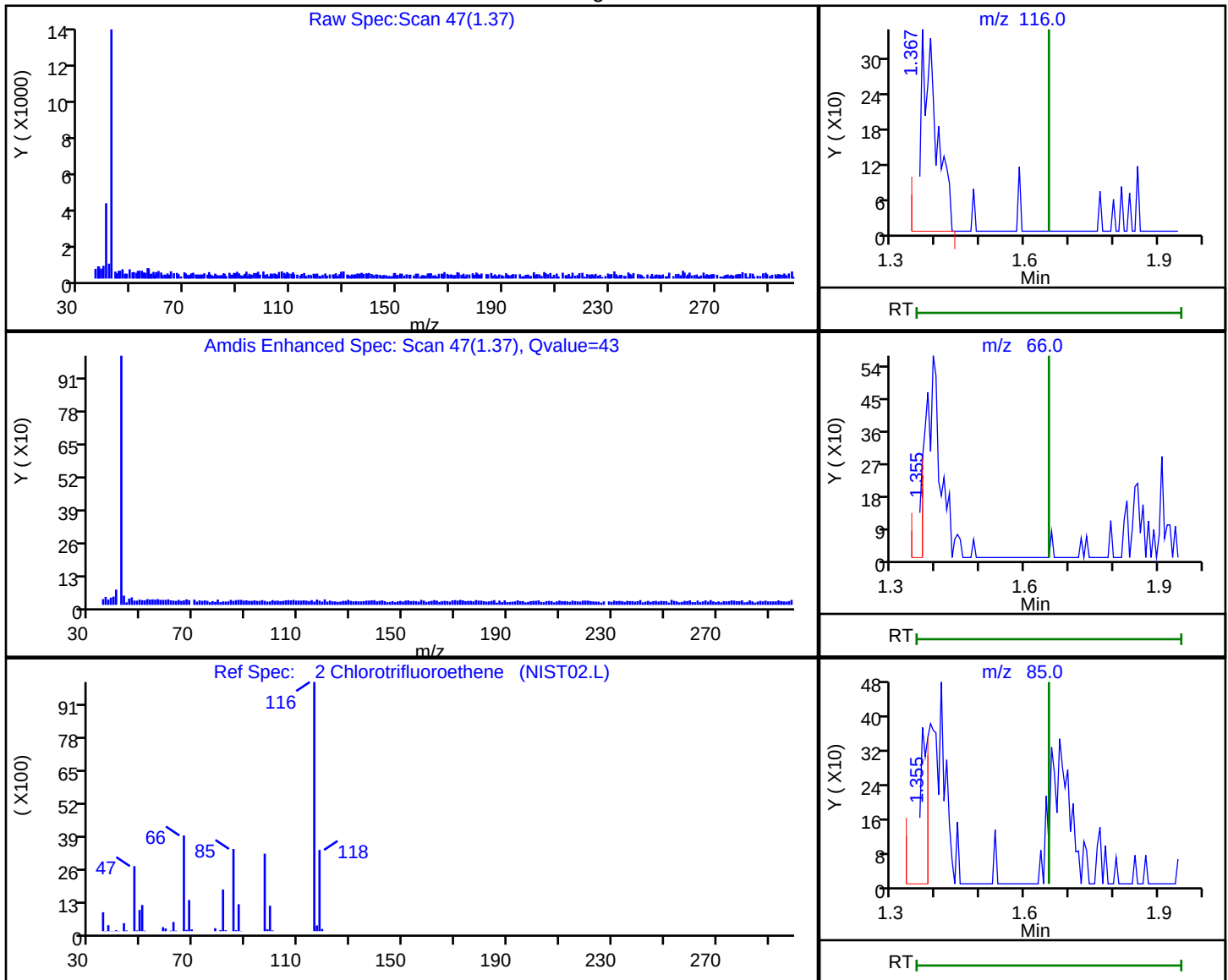
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.37	116.00	923	0.850451
1.35	66.00	350	
1.35	85.00	669	
1.38	118.00	938	

Reviewer: boykink, 11-Jun-2020 03:21:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

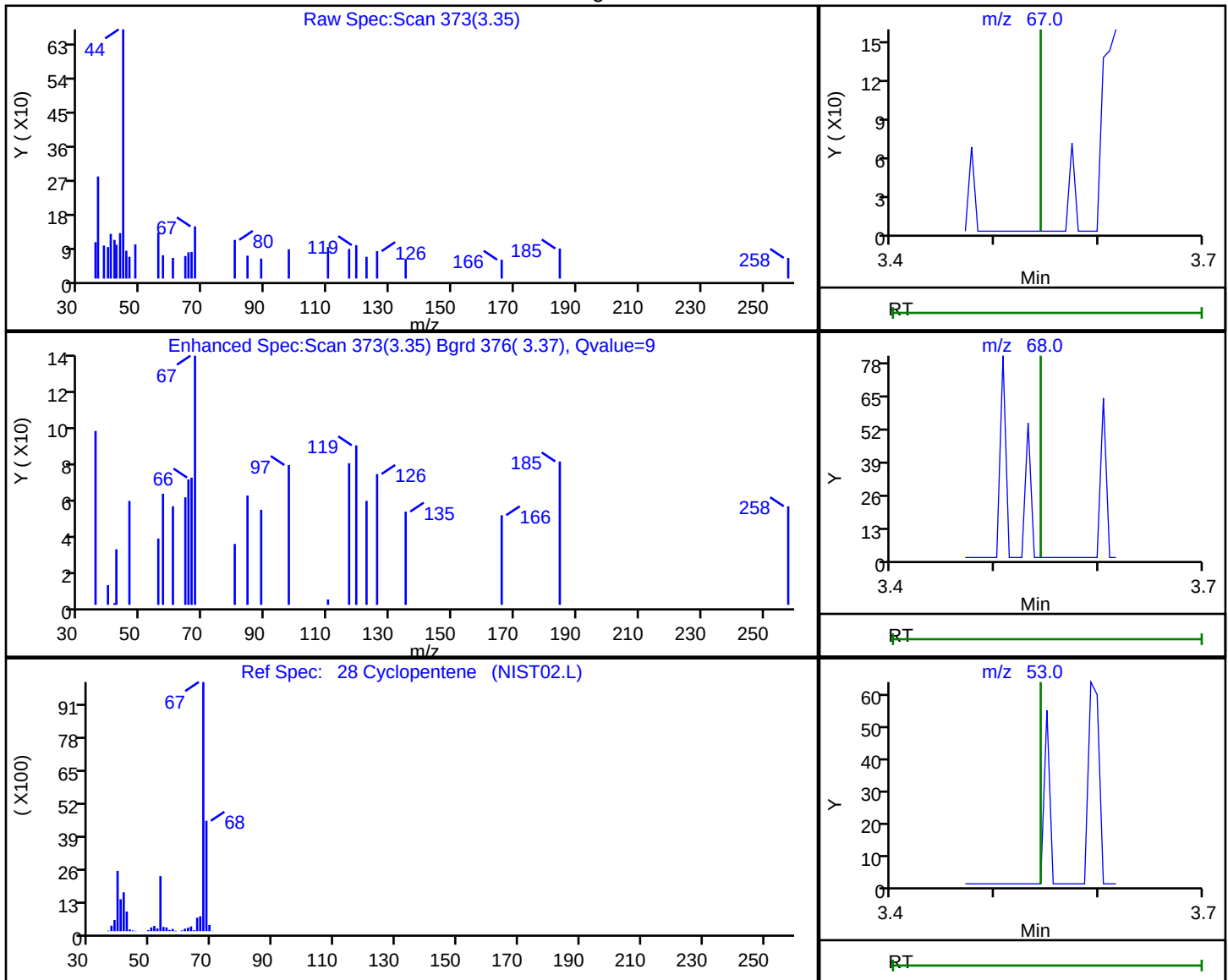
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.35	67.00	51	0.005189
3.37	68.00	72	
3.36	53.00	115	

Reviewer: boykink, 11-Jun-2020 03:21:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

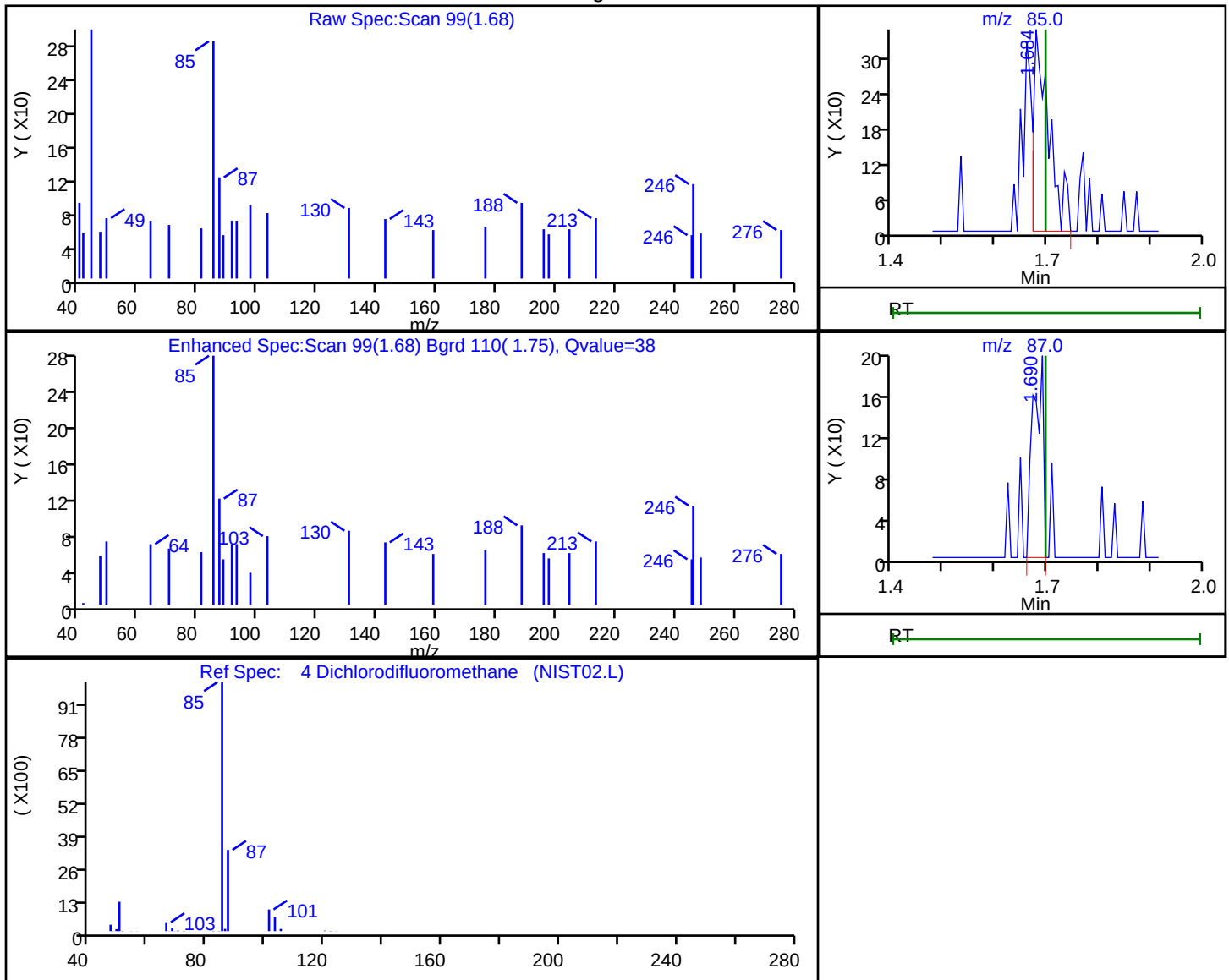
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.68	85.00	711	0.250000
1.69	87.00	261	

Reviewer: boykink, 11-Jun-2020 02:38:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

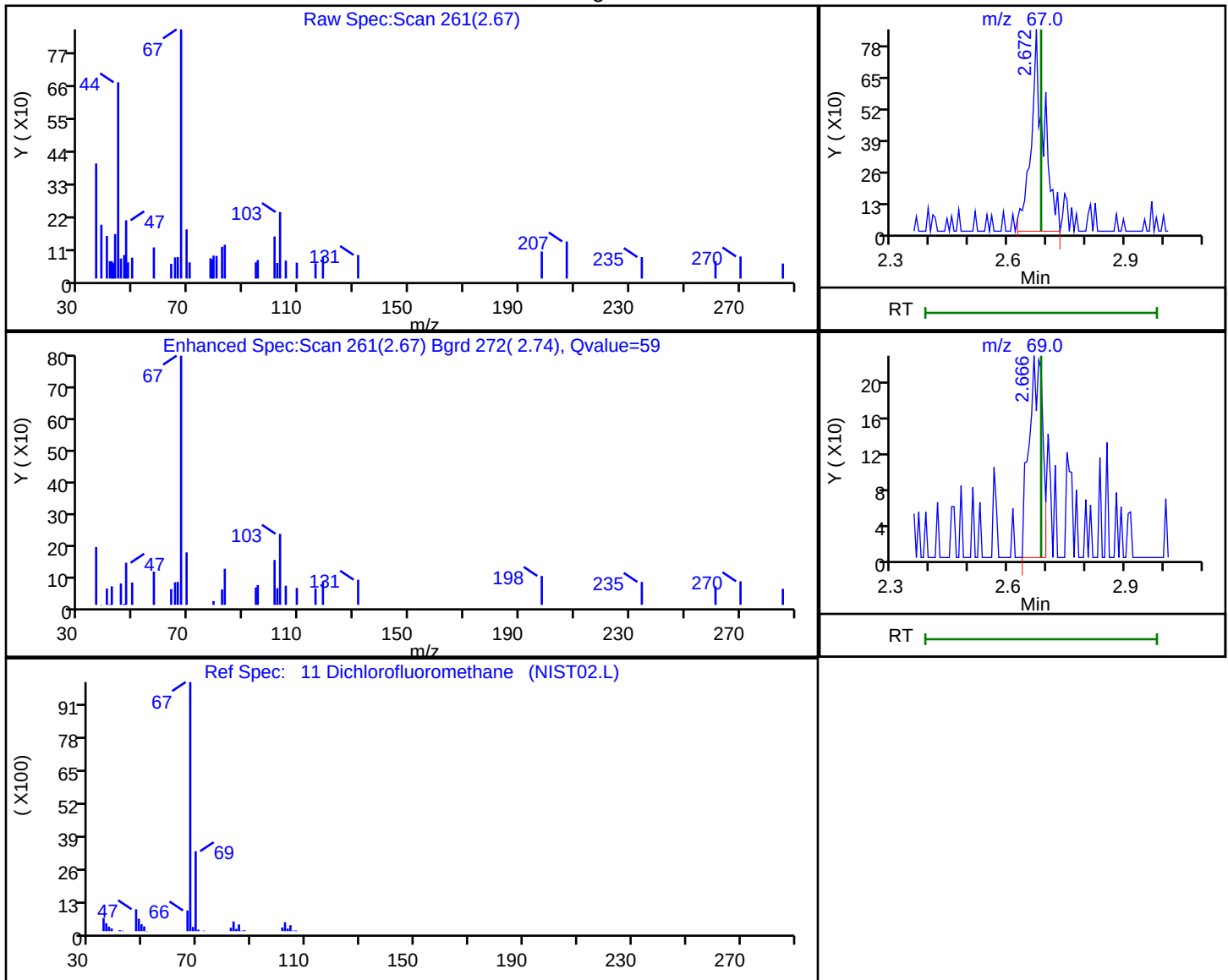
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.67	67.00	1960	0.250000
2.67	69.00	562	

Reviewer: boykink, 11-Jun-2020 02:39:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

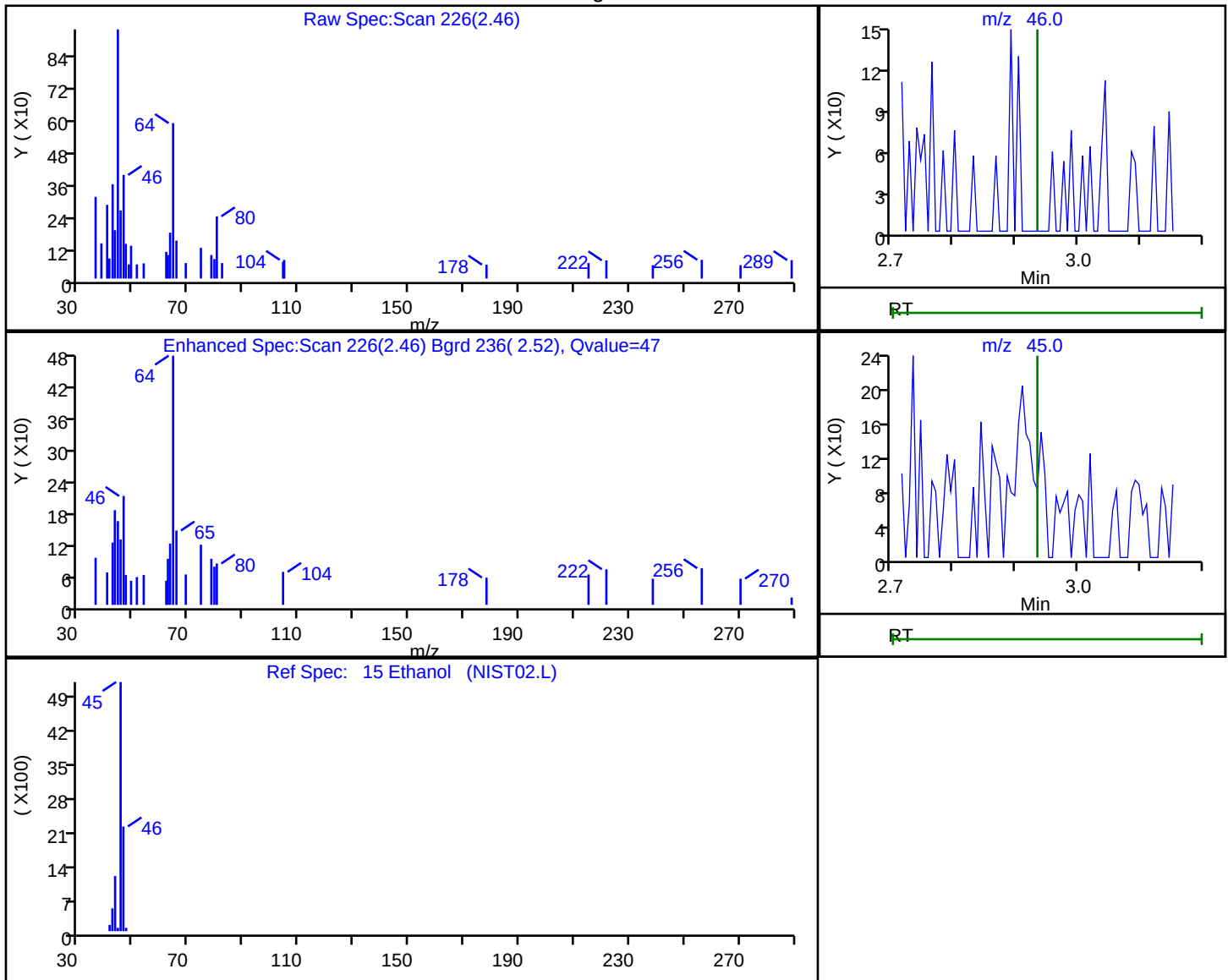
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

15 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.46	46.00	779	5.112007
2.46	45.00	272	

Reviewer: boykink, 11-Jun-2020 03:21:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

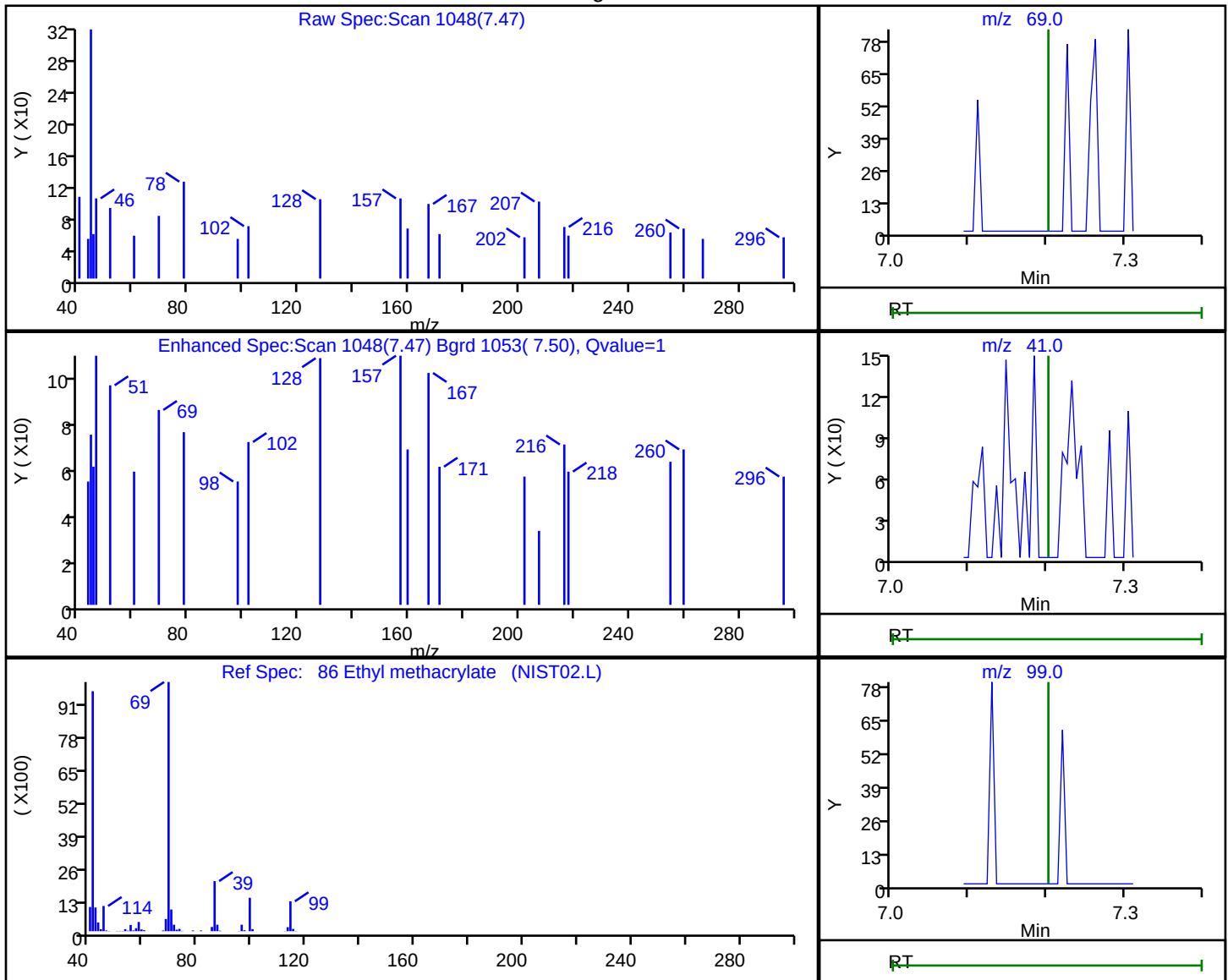
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

86 Ethyl methacrylate, CAS: 97-63-2

Processing Results



RT	Mass	Response	Amount
7.47	69.00	49	0.021337
7.48	41.00	52	
7.46	99.00	40	

Reviewer: boykink, 11-Jun-2020 03:22:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

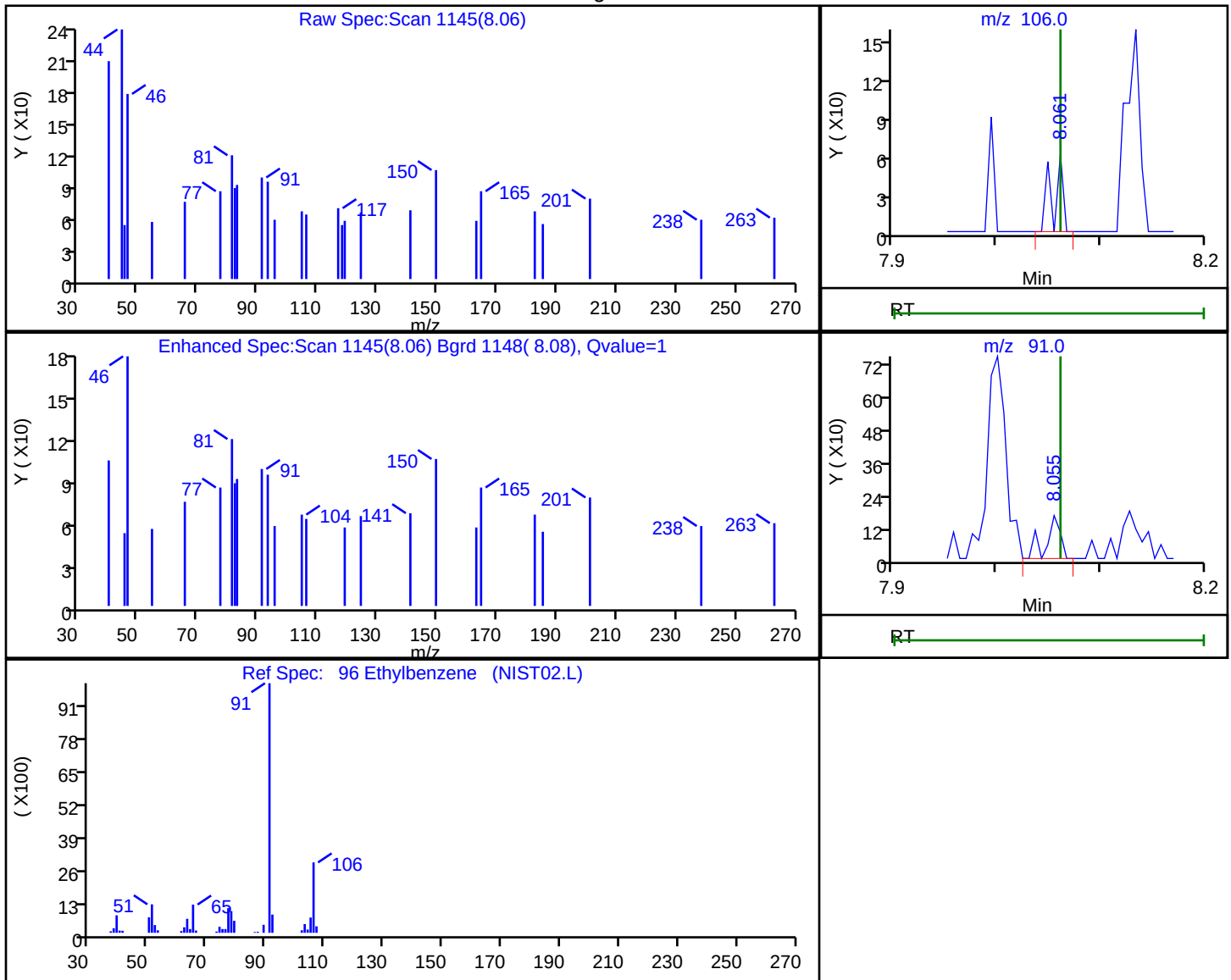
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

96 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.06	106.00	42	0.008628
8.05	91.00	150	

Reviewer: boykink, 11-Jun-2020 03:22:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

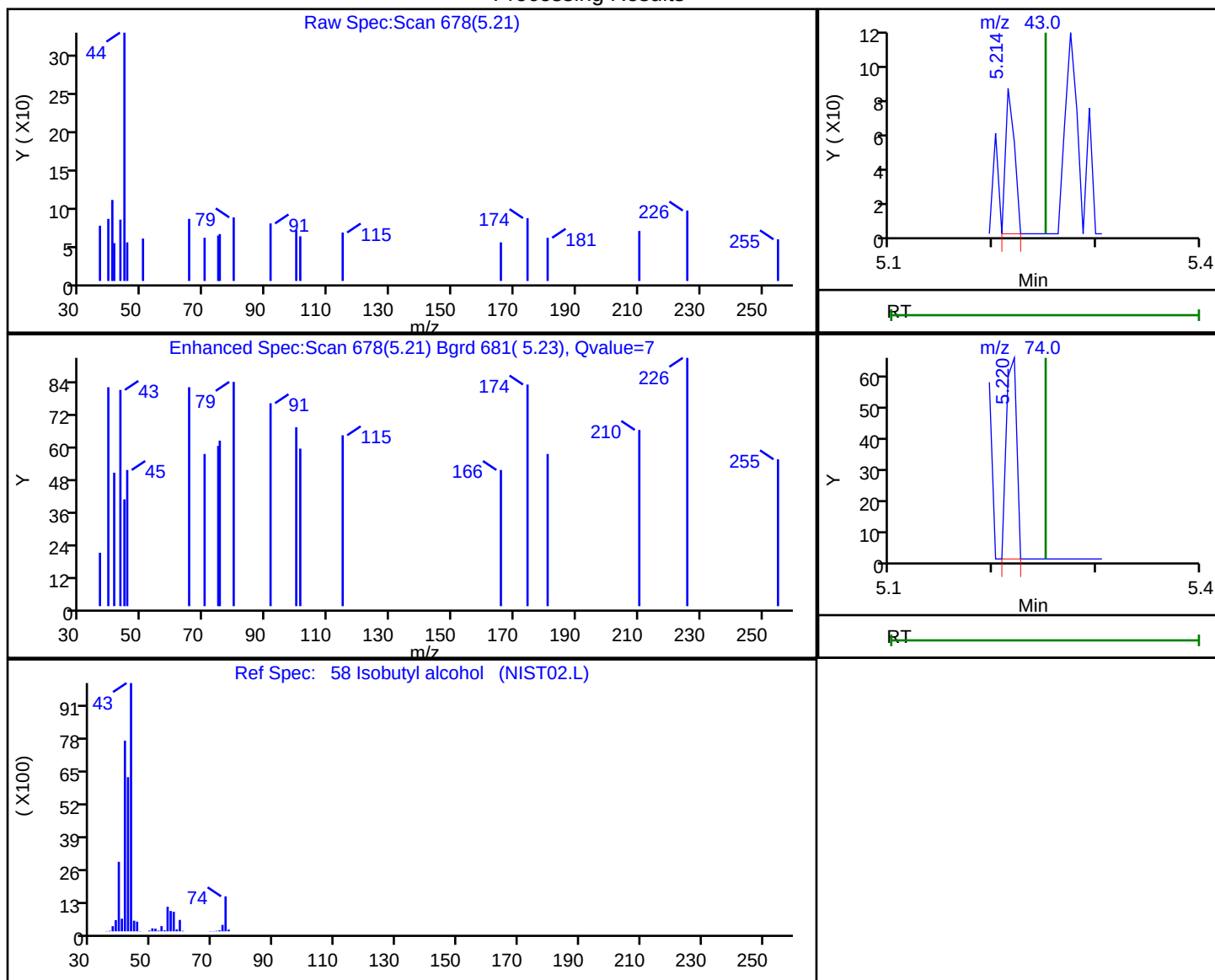
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
5.21	43.00	48	0.767191
5.22	74.00	46	

Reviewer: boykink, 11-Jun-2020 03:22:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

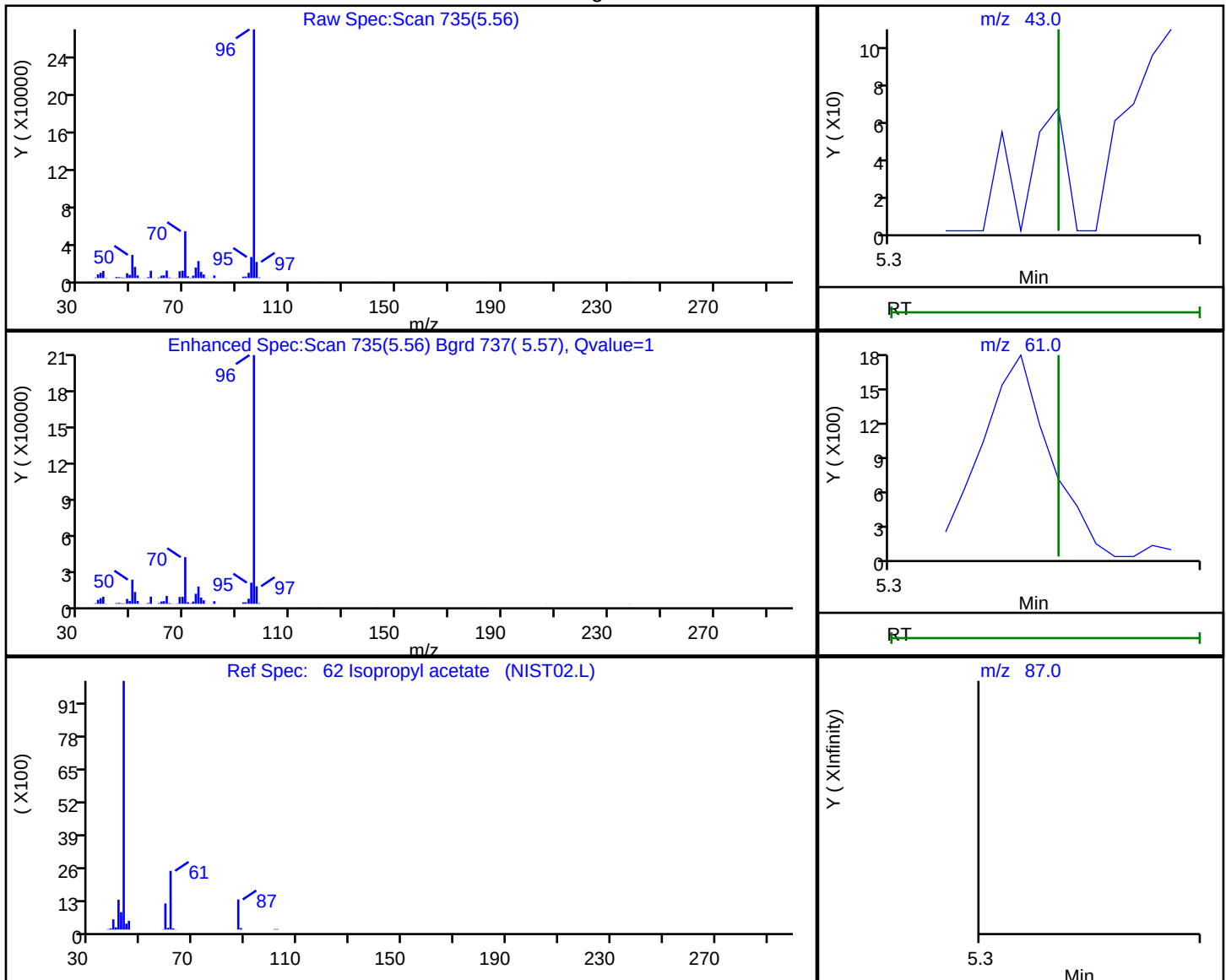
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

62 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
5.56	43.00	83	0.011619
5.56	61.00	7215	
5.56	87.00	98	

Reviewer: boykink, 11-Jun-2020 03:22:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

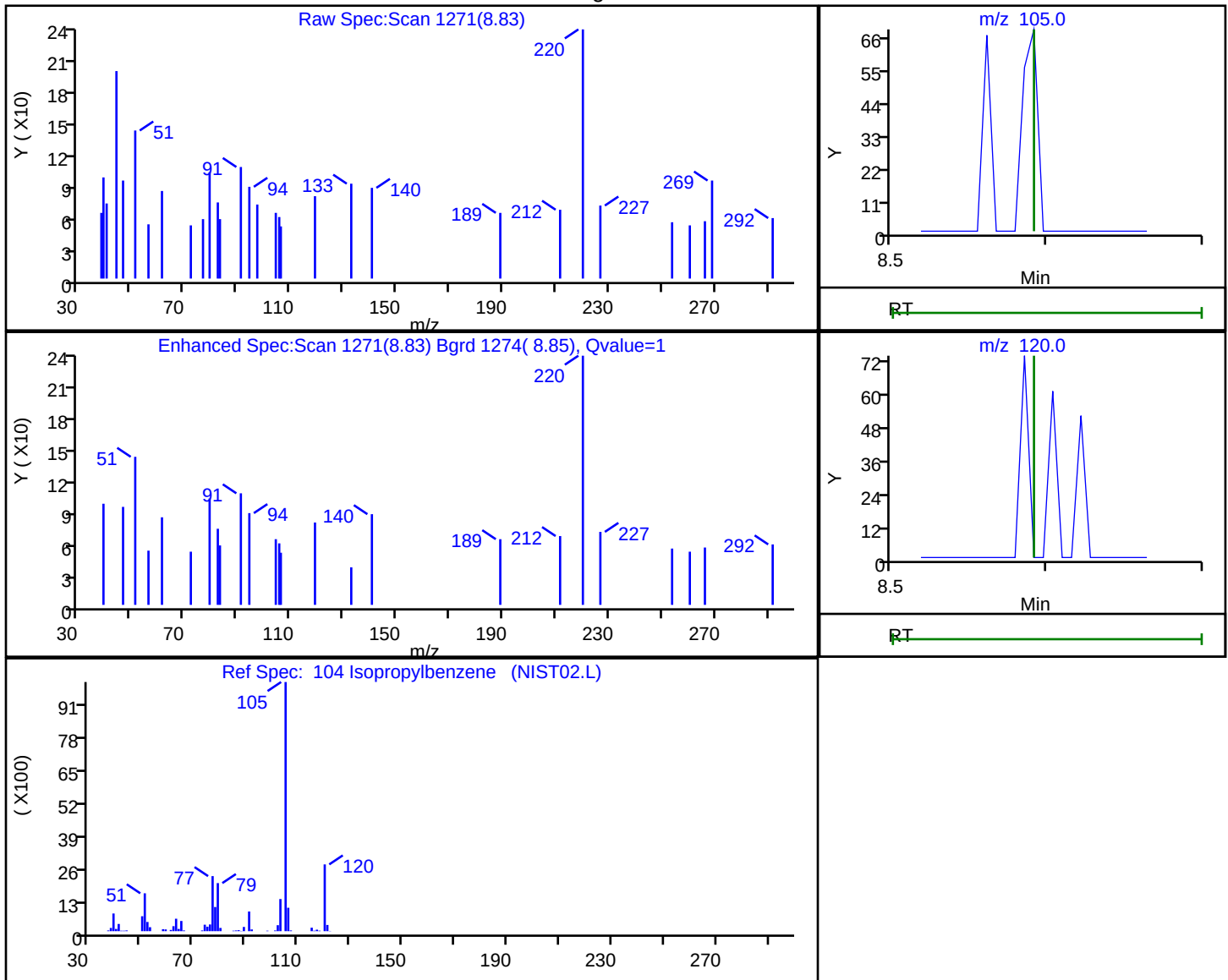
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

104 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
8.83	105.00	22	0.757436
8.84	120.00	22	

Reviewer: boykink, 11-Jun-2020 03:22:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

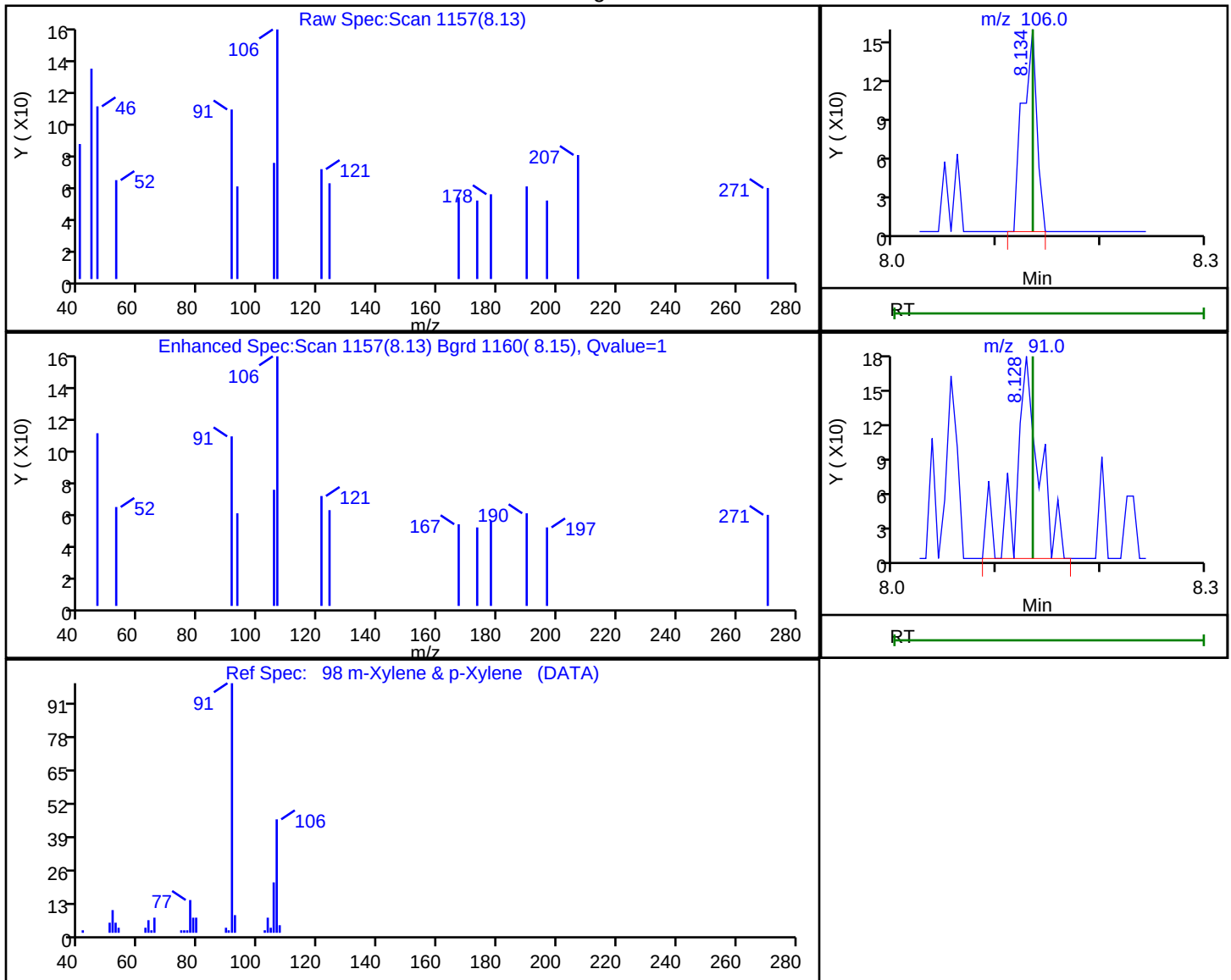
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results



RT	Mass	Response	Amount
8.13	106.00	150	0.025447
8.13	91.00	275	

Reviewer: boykink, 11-Jun-2020 03:22:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

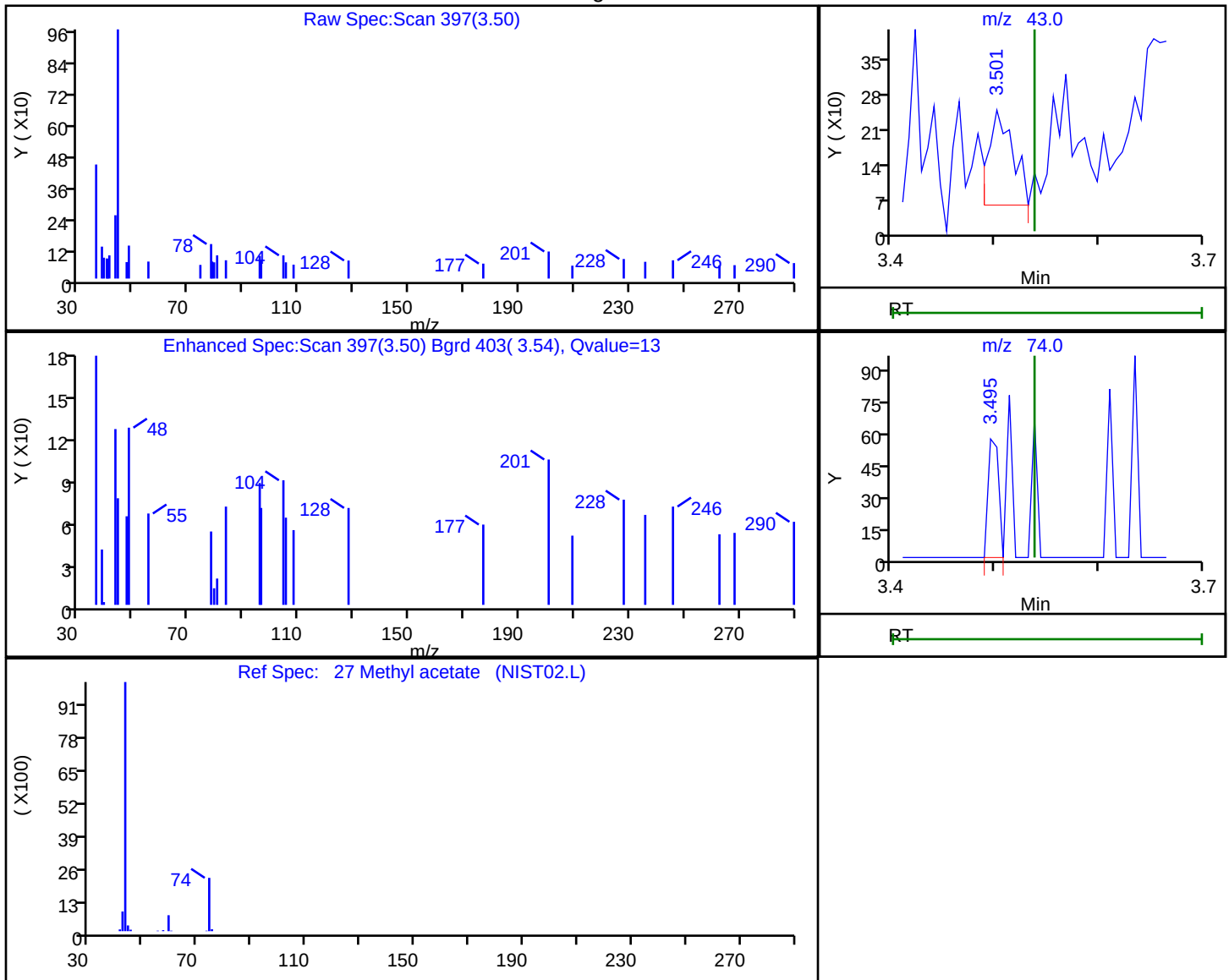
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.50	43.00	313	0.119596
3.49	74.00	40	

Reviewer: boykink, 11-Jun-2020 03:21:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

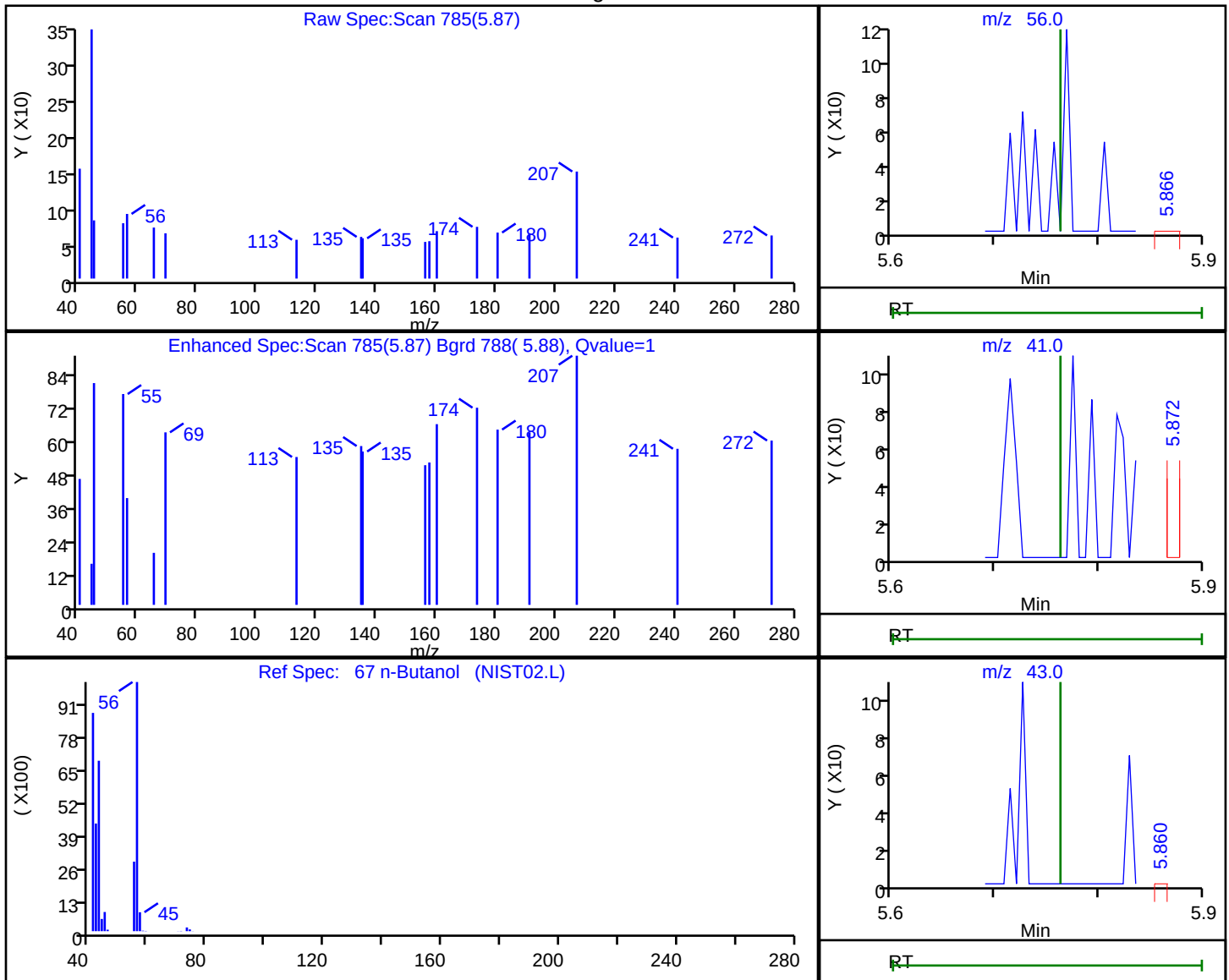
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

67 n-Butanol, CAS: 71-36-3

Processing Results



RT	Mass	Response	Amount
5.87	56.00	33	1.309920
5.87	41.00	22	
5.86	43.00	91	

Reviewer: boykink, 11-Jun-2020 03:22:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

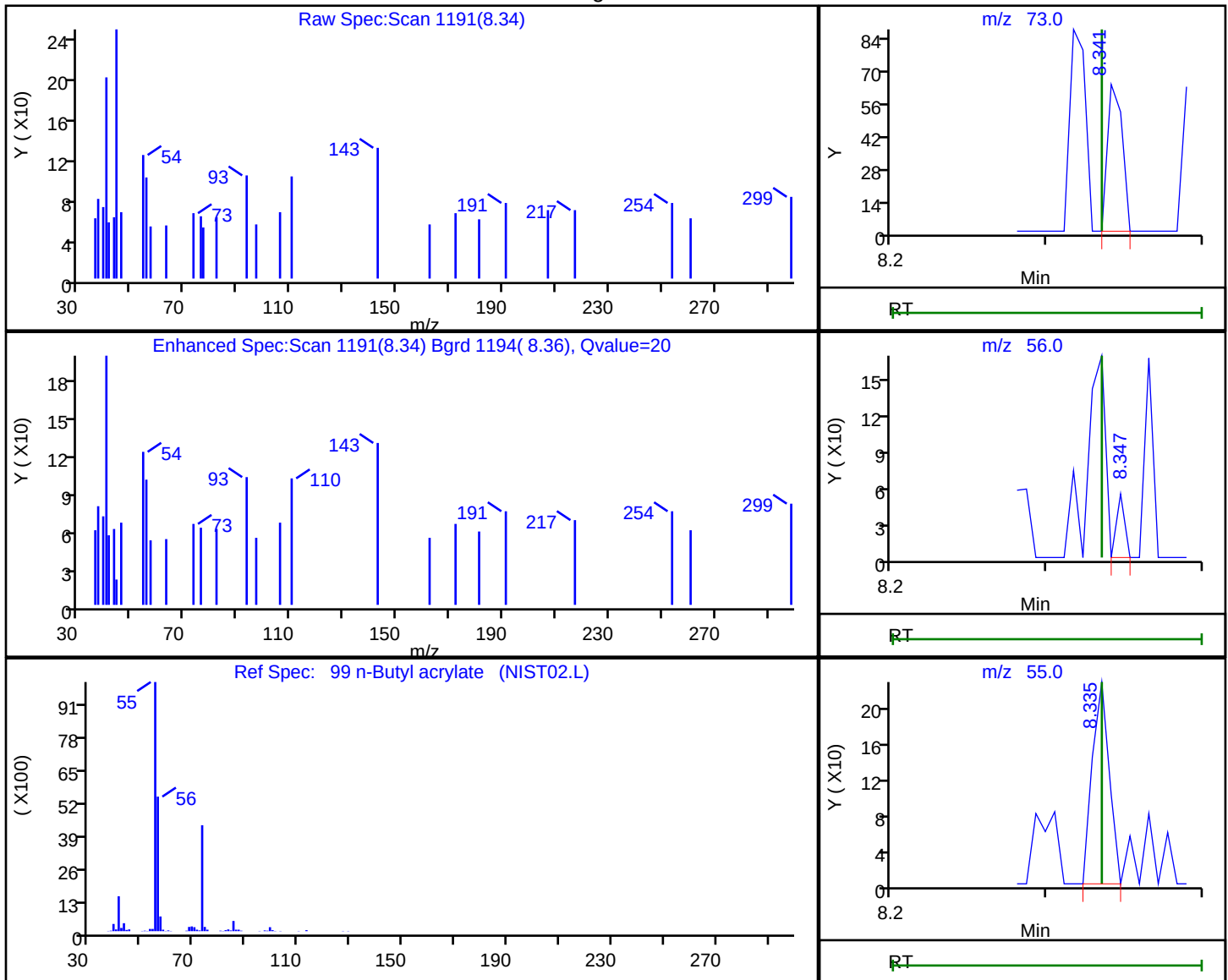
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 n-Butyl acrylate, CAS: 141-32-2

Processing Results



RT	Mass	Response	Amount
8.34	73.00	42	0.040798
8.35	56.00	19	
8.34	55.00	170	

Reviewer: boykink, 11-Jun-2020 03:22:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

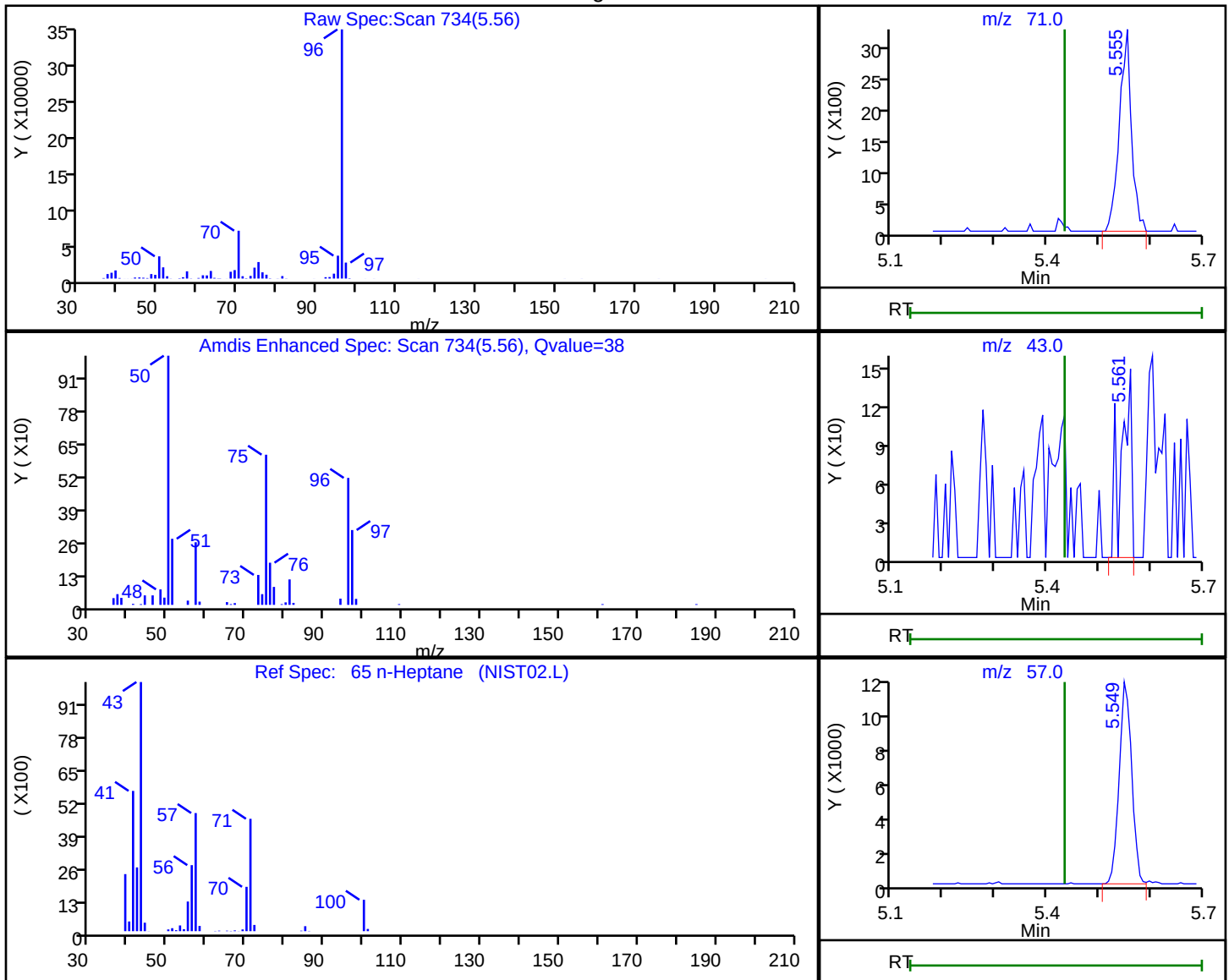
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.56	71.00	5348	1.170276
5.56	43.00	193	
5.55	57.00	18759	

Reviewer: boykink, 11-Jun-2020 03:22:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

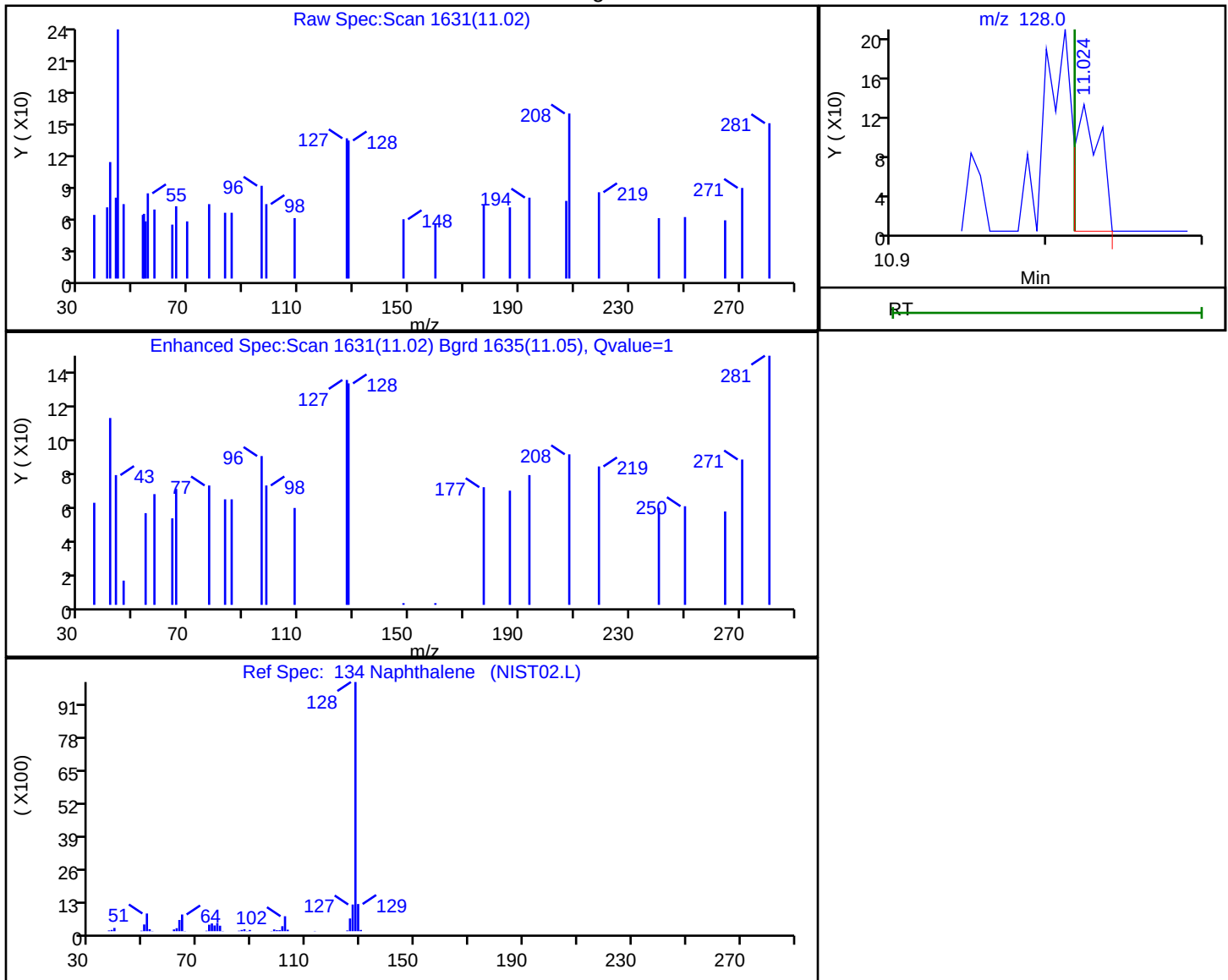
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
11.02	128.00	144	0.018538

Reviewer: boykink, 11-Jun-2020 03:22:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

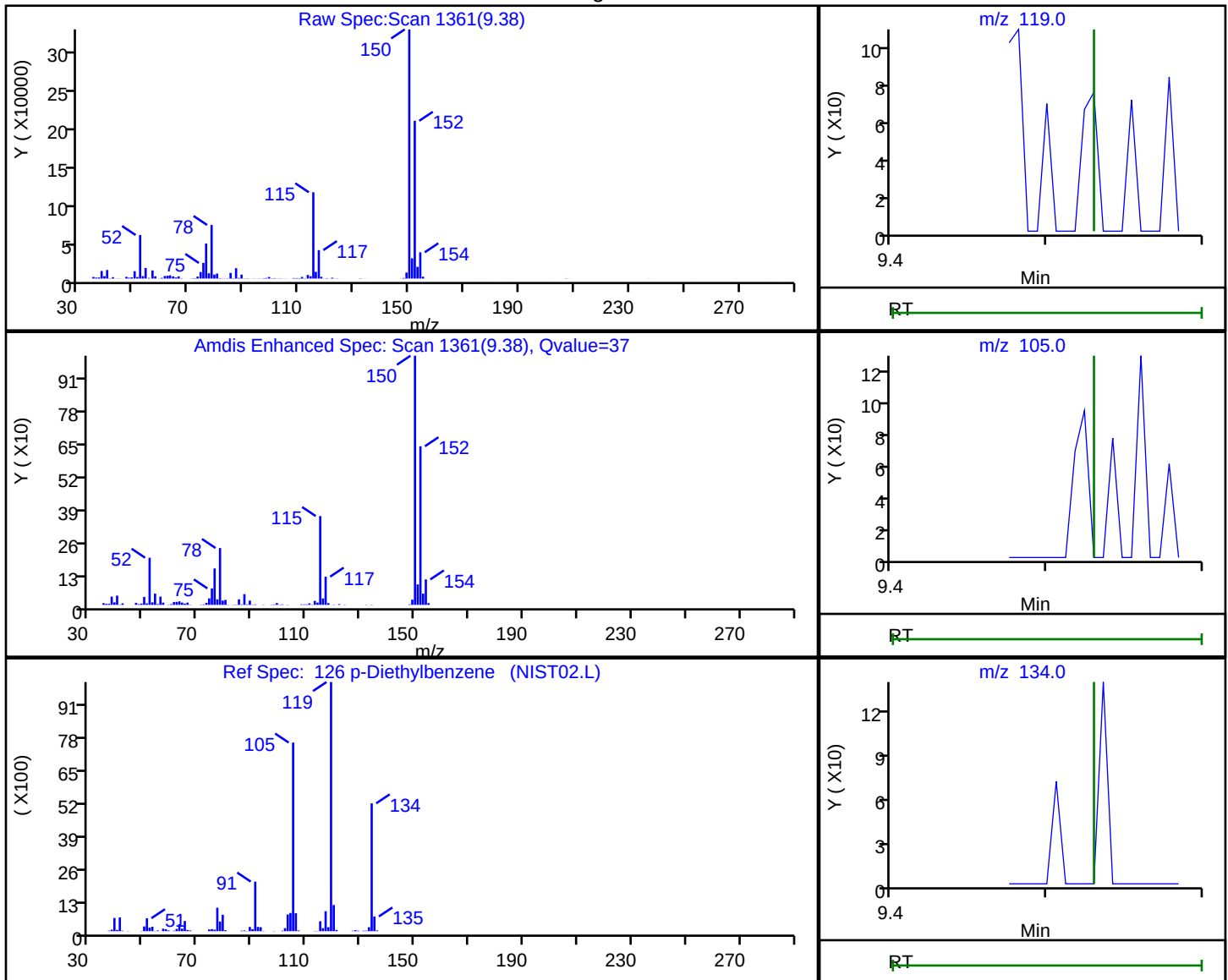
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
9.38	119.00	83	0.009197
9.38	105.00	80	
9.37	134.00	180	

Reviewer: boykink, 11-Jun-2020 03:22:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

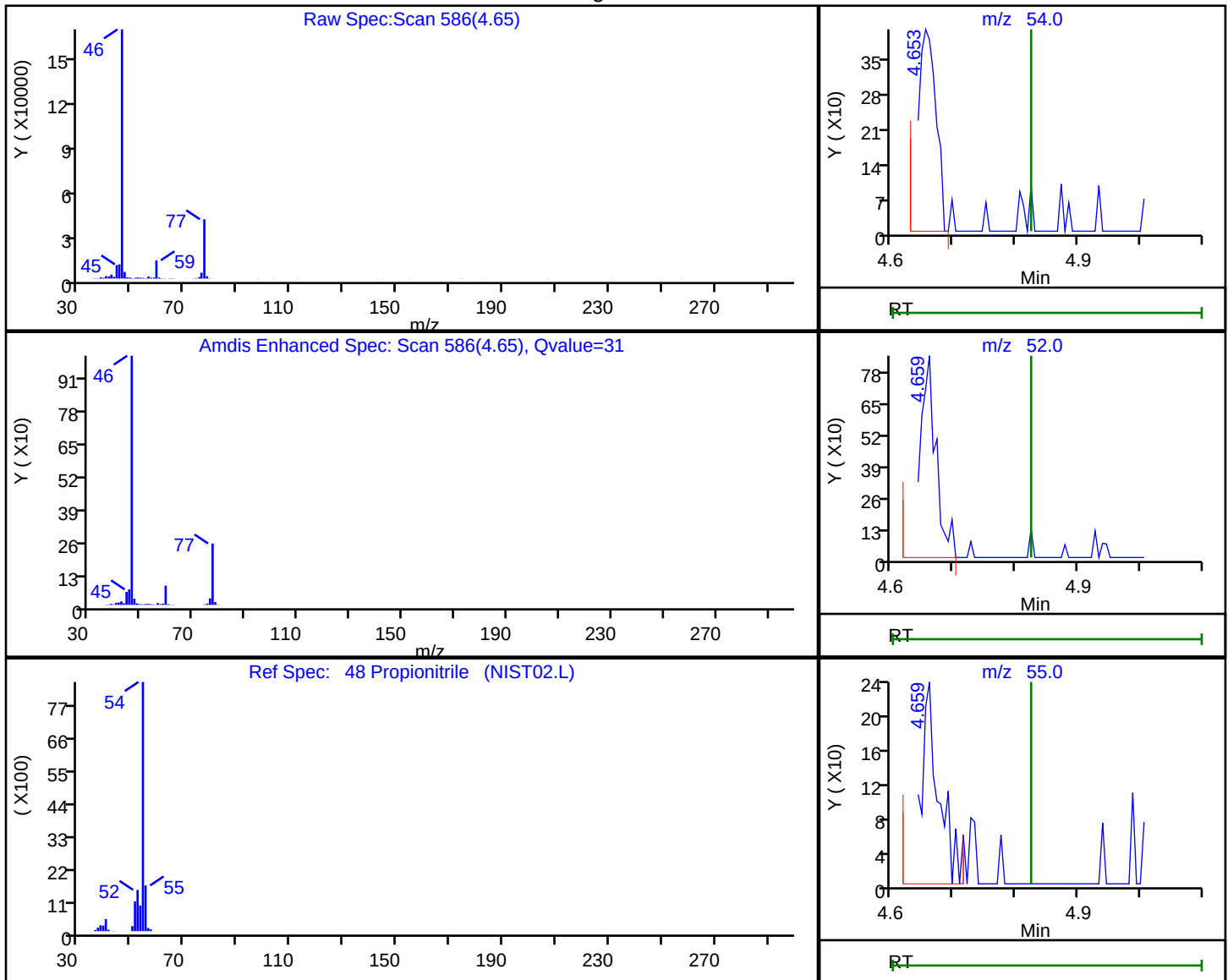
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.65	54.00	790	1.351237
4.66	52.00	1518	
4.66	55.00	476	

Reviewer: boykink, 11-Jun-2020 03:22:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

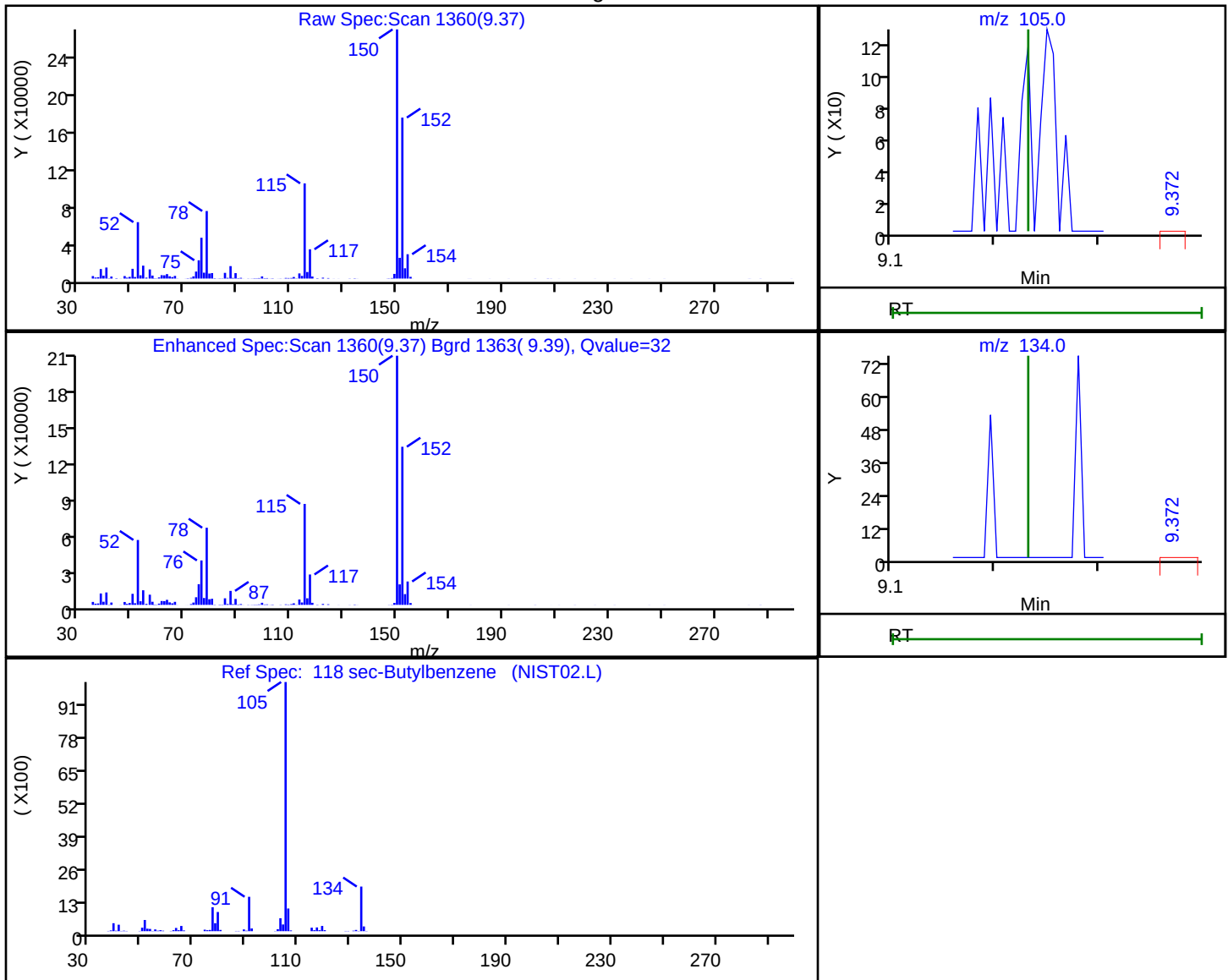
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
9.37	105.00	80	0.004754
9.37	134.00	180	

Reviewer: boykink, 11-Jun-2020 03:22:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

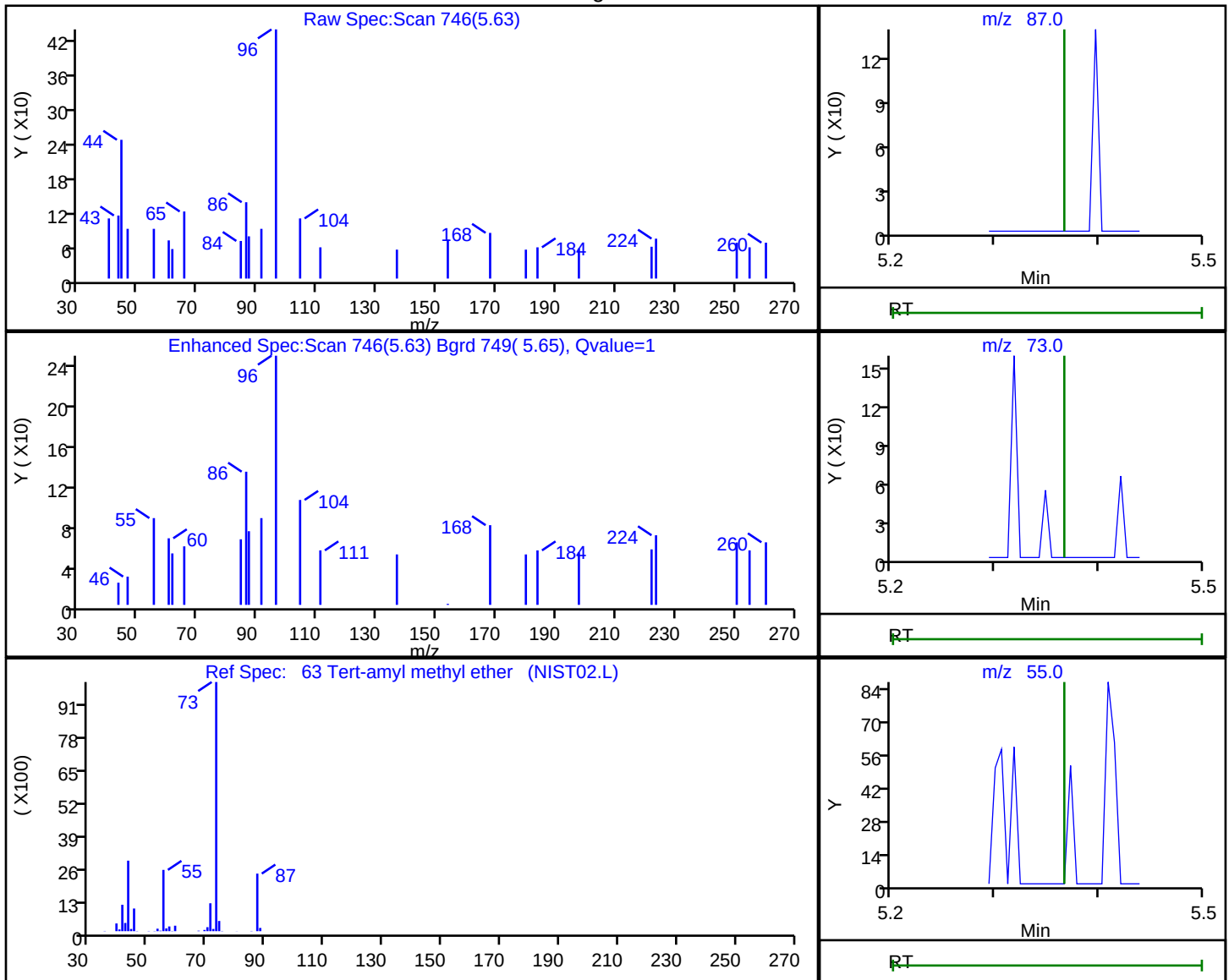
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
5.63	87.00	45	0.017183
5.62	73.00	48	
5.63	55.00	105	

Reviewer: boykink, 11-Jun-2020 03:22:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

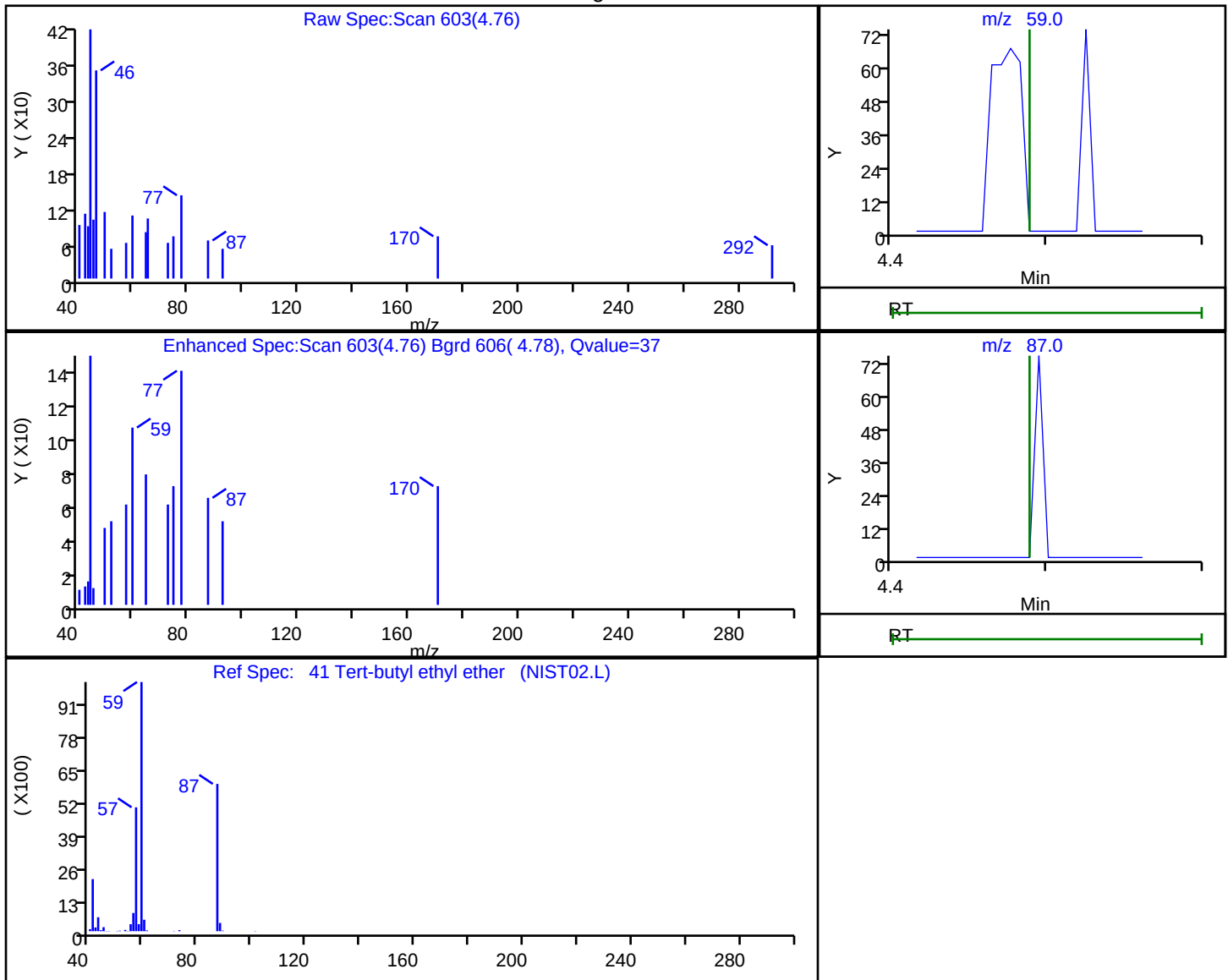
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.76	59.00	39	0.004192
4.74	87.00	49	

Reviewer: boykink, 11-Jun-2020 03:21:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

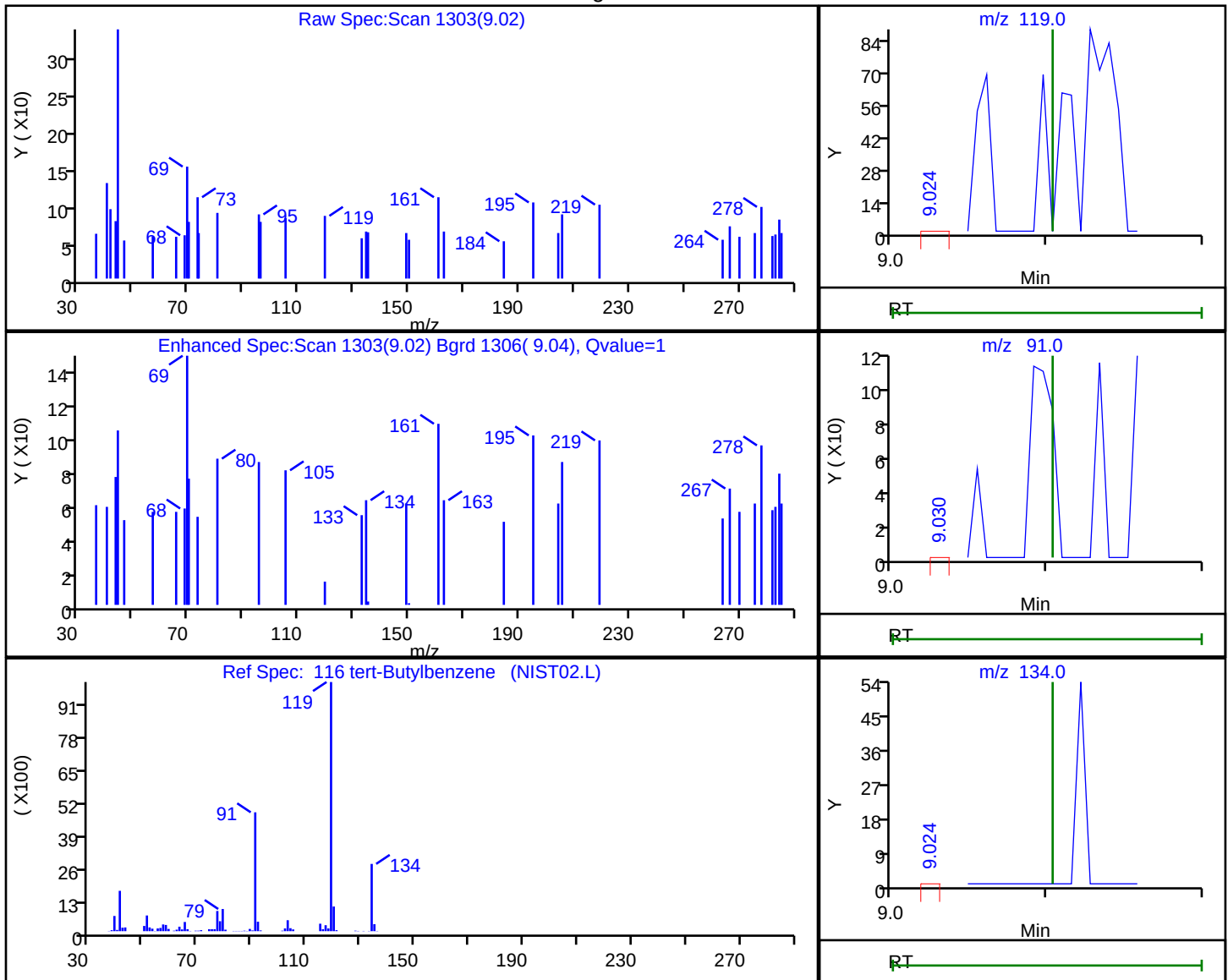
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
9.02	119.00	56	0.005555
9.03	91.00	38	
9.02	134.00	23	

Reviewer: boykink, 11-Jun-2020 03:22:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

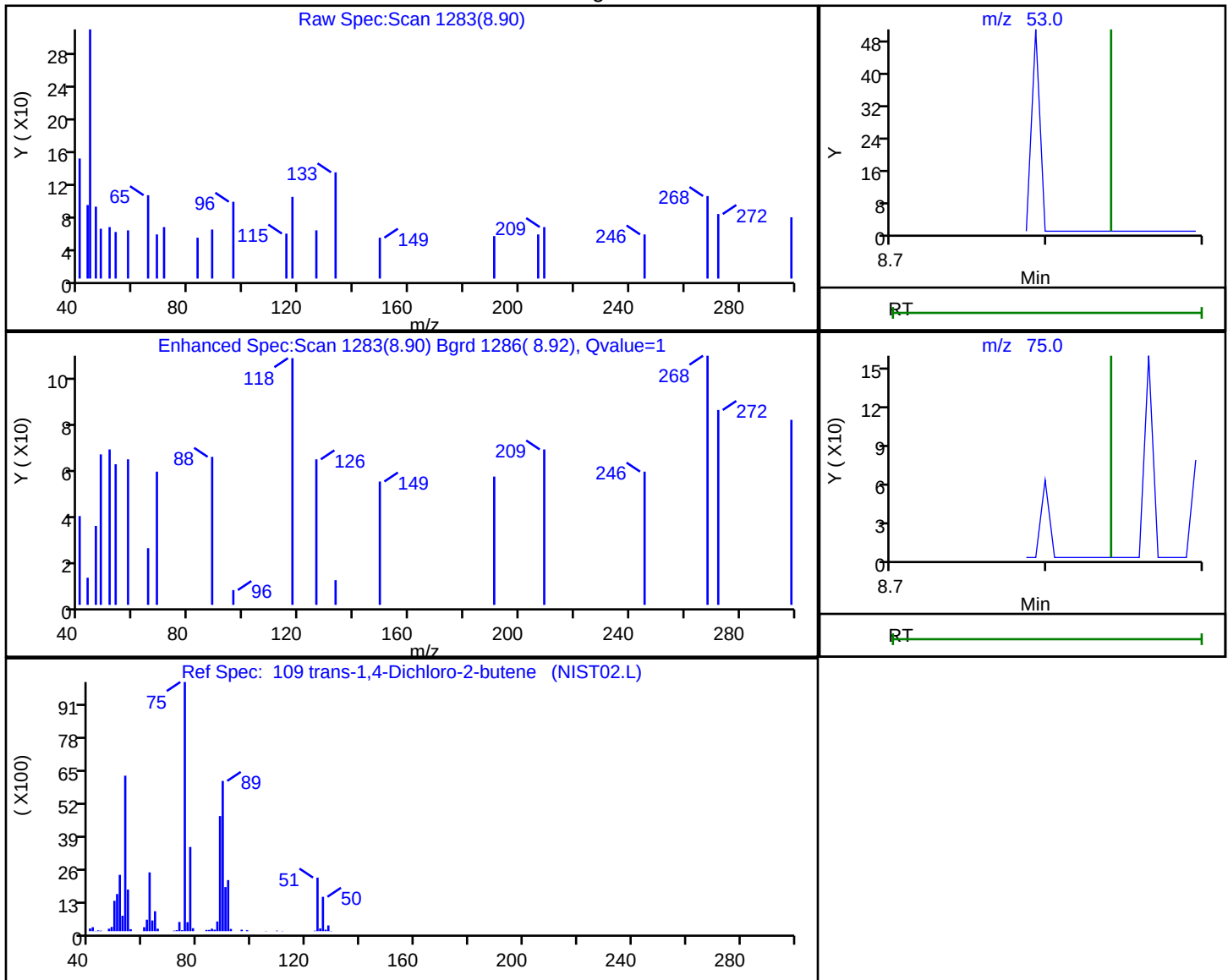
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
8.90	53.00	41	0.045753
8.91	75.00	27	

Reviewer: boykink, 11-Jun-2020 03:22:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

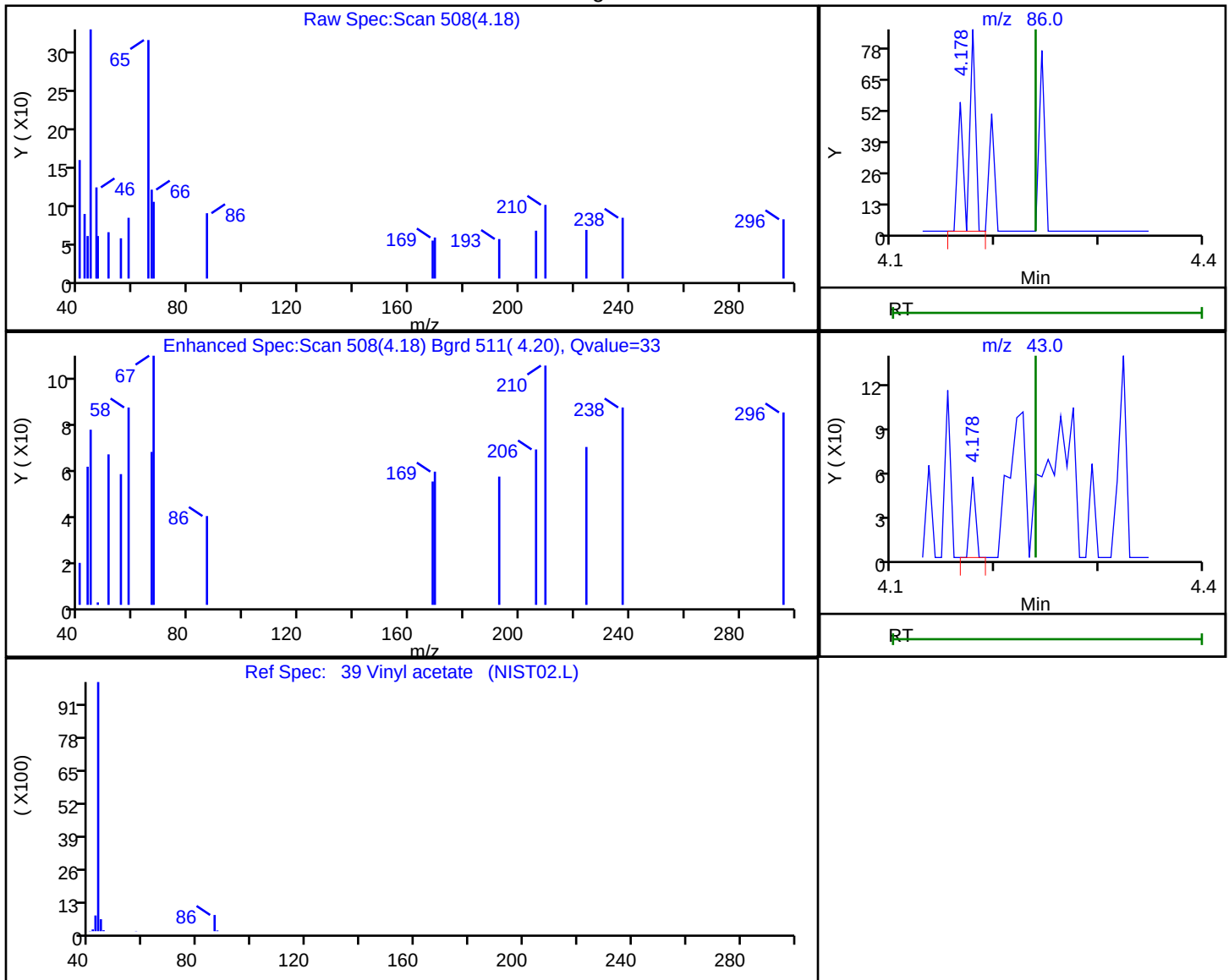
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
4.18	86.00	52	0.111172
4.18	43.00	20	

Reviewer: boykink, 11-Jun-2020 03:21:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89503.D

Injection Date: 11-Jun-2020 02:04:30

Instrument ID: CVOAMS1

Lims ID: STD7

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

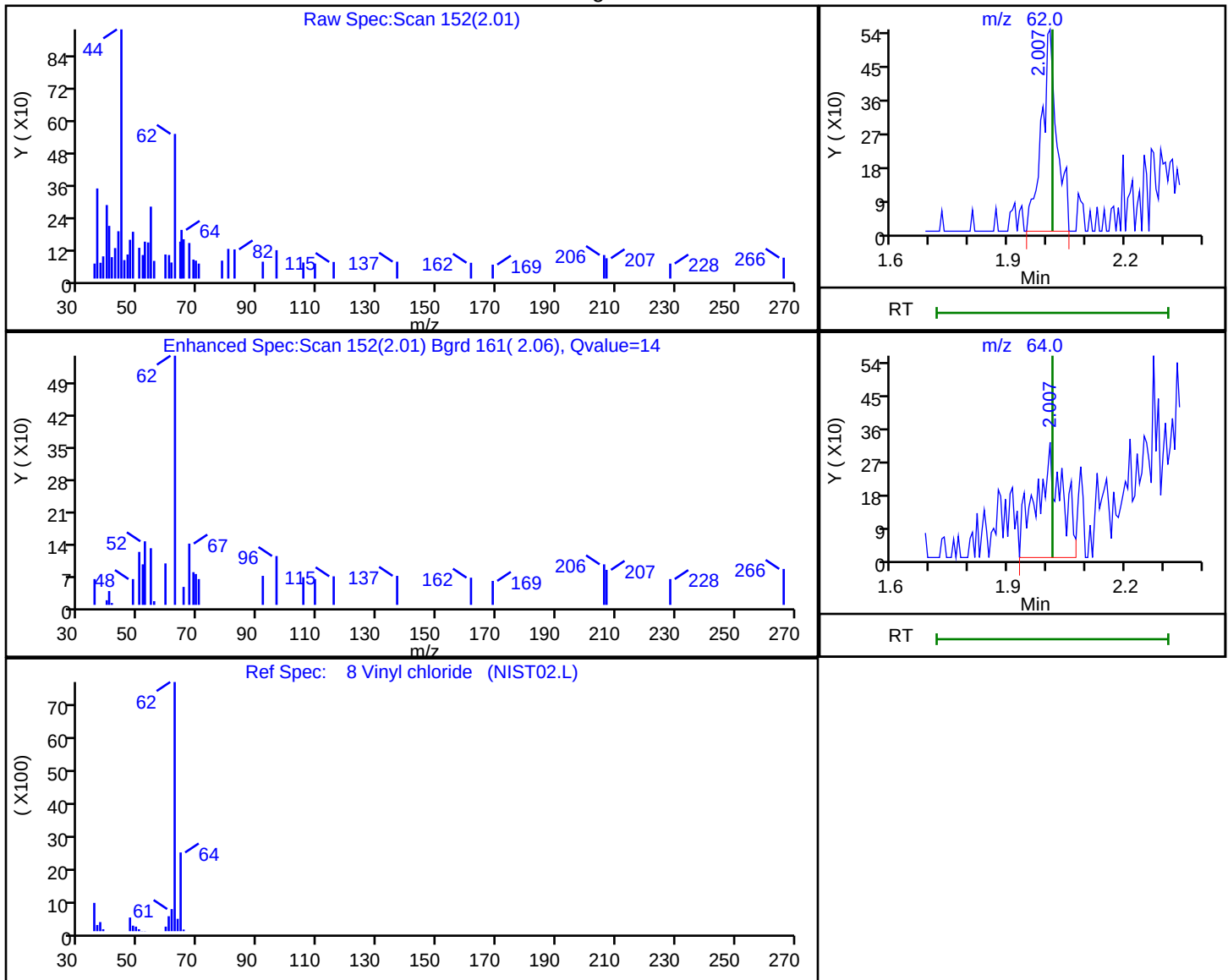
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
2.01	62.00	1479	0.250000
2.01	64.00	1447	

Reviewer: boykink, 11-Jun-2020 02:38:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Jun-2020 02:28:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0111447-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:46:00 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 02:55:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.635	1.654	-0.019	65	1731	1.00	1.08	M
3 1,1-Difluoroethane	51	1.654	1.660	-0.006	77	4513	1.00	1.19	M
4 Dichlorodifluoromethane	85	1.696	1.696	0.000	62	4757	1.00	0.9077	a
5 Chlorodifluoromethane	51	1.715	1.715	0.000	63	5266	1.00	1.12	
6 Chloromethane	50	1.910	1.904	0.006	98	6949	1.00	1.11	
8 Vinyl chloride	62	2.013	2.013	0.000	97	7169	1.00	1.19	
7 Butadiene	39	2.038	2.026	0.012	77	5333	1.00	1.07	a
9 Bromomethane	94	2.367	2.367	0.000	90	5159	1.00	1.25	
10 Chloroethane	64	2.465	2.458	0.006	72	3868	1.00	1.15	M
11 Dichlorofluoromethane	67	2.684	2.684	0.000	90	8977	1.00	1.21	
12 Trichlorofluoromethane	101	2.708	2.702	0.006	65	5947	1.00	1.08	M
13 Pentane	72	2.714	2.714	0.000	98	1467	2.00	2.19	
15 Ethanol	46	2.952	2.934	0.018	79	1107	40.0	50.5	
14 Ethyl ether	59	2.946	2.946	0.000	87	3765	1.00	1.27	
16 2-Methyl-1,3-butadiene	53	2.964	2.971	-0.007	93	4088	1.00	1.20	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.007	3.013	-0.006	70	3238	1.00	0.9620	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.086	3.080	0.006	42	6472	1.00	1.14	a
19 Acrolein	56	3.147	3.135	0.012	53	837	4.00	5.57	M
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.160	-0.007	79	3758	1.00	0.99	
21 1,1-Dichloroethene	96	3.172	3.184	-0.012	90	3491	1.00	0.9756	a
22 Acetone	58	3.275	3.275	0.000	88	2691	5.00	6.62	
23 Iodomethane	142	3.348	3.355	-0.007	99	7326	1.00	1.12	
24 Carbon disulfide	76	3.391	3.385	0.006	99	15072	1.00	1.08	a
25 Isopropyl alcohol	45	3.391	3.385	0.006	33	3534	10.0	18.4	a
26 3-Chloro-1-propene	76	3.525	3.525	0.000	97	3211	1.00	1.26	
27 Methyl acetate	43	3.537	3.537	0.000	83	5836	2.00	2.36	
28 Cyclopentene	67	3.537	3.544	-0.007	94	10803	1.00	1.14	
29 Acetonitrile	41	3.592	3.598	-0.006	91	5528	10.0	12.5	
* 31 TBA-d9 (IS)	65	3.665	3.659	0.006	36	282805	1000.0	1000.0	
30 Methylene Chloride	84	3.659	3.659	0.000	33	5151	1.00	1.18	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.720	3.733	-0.013	30	3687	10.0	13.6	
33 Methyl tert-butyl ether	73	3.824	3.824	0.000	96	9621	1.00	1.17	
34 trans-1,2-Dichloroethene	96	3.848	3.842	0.006	93	4481	1.00	1.20	
35 Acrylonitrile	53	3.915	3.915	0.000	94	16059	10.0	11.7	
36 Hexane	43	3.995	3.995	0.000	89	2840	1.00	0.9785	
37 Isopropyl ether	45	4.196	4.196	0.000	97	12999	1.00	1.19	
38 1,1-Dichloroethane	63	4.226	4.232	-0.006	97	7460	1.00	1.21	
39 Vinyl acetate	86	4.251	4.239	0.012	15	1027	2.00	2.18	a
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	88	3331	1.00	1.10	
41 Tert-butyl ethyl ether	59	4.476	4.489	-0.013	88	10405	1.00	1.20	
* 42 2-Butanone-d5	46	4.659	4.653	0.006	86	317467	250.0	250.0	
43 2,2-Dichloropropane	97	4.696	4.690	0.006	47	1003	1.00	1.17	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	77	4796	1.00	1.22	
45 Ethyl acetate	70	4.702	4.708	-0.006	91	844	2.00	2.75	
46 2-Butanone (MEK)	72	4.714	4.708	0.006	97	2083	5.00	5.36	
47 Methyl acrylate	55	4.757	4.751	0.006	96	2706	1.00	1.10	
48 Propionitrile	54	4.824	4.824	0.000	97	5713	10.0	11.9	
49 Chlorobromomethane	128	4.897	4.891	0.006	36	2259	1.00	1.22	
50 Tetrahydrofuran	72	4.897	4.891	0.006	36	984	2.00	2.26	
51 Methacrylonitrile	67	4.903	4.909	-0.006	92	15580	10.0	11.5	
52 Chloroform	83	4.927	4.927	0.000	98	6377	1.00	1.15	
53 Cyclohexane	56	5.043	5.043	0.000	31	6617	1.00	1.04	
\$ 54 Dibromofluoromethane (Surr)	113	5.055	5.055	0.000	97	139127	50.0	49.2	
55 1,1,1-Trichloroethane	97	5.062	5.055	0.007	36	4274	1.00	1.06	
56 Carbon tetrachloride	117	5.165	5.153	0.012	89	2600	1.00	1.02	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	97	5187	1.00	1.18	
58 Isobutyl alcohol	43	5.251	5.251	0.000	4	1859	25.0	30.7	
59 Isooctane	57	5.299	5.299	0.000	96	10483	1.00	0.9336	
60 Benzene	78	5.330	5.336	-0.006	96	15433	1.00	1.22	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	87	157779	50.0	48.8	
62 Isopropyl acetate	43	5.360	5.354	0.006	58	8134	1.00	1.02	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	91	2882	1.00	1.10	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	95	4392	1.00	1.13	
65 n-Heptane	71	5.427	5.433	-0.006	90	4490	1.00	1.09	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	607497	50.0	50.0	
67 n-Butanol	56	5.775	5.763	0.012	64	758	25.0	20.6	a
68 Trichloroethene	95	5.836	5.842	-0.006	97	4135	1.00	1.25	
70 Ethyl acrylate	55	5.915	5.915	0.000	1	3605	1.00	1.06	M
69 Methylcyclohexane	83	5.952	5.952	0.000	84	6454	1.00	1.05	
71 1,2-Dichloropropane	63	6.086	6.092	-0.006	70	3855	1.00	1.15	a
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	31	35783	1000.0	1000.0	
73 Methyl methacrylate	100	6.135	6.128	0.007	44	1303	2.00	1.87	
74 n-Propyl acetate	43	6.159	6.165	-0.006	97	3378	1.00	0.9696	
76 1,4-Dioxane	88	6.171	6.177	-0.006	39	2353	50.0	61.4	
75 Dibromomethane	93	6.202	6.202	0.000	92	2336	1.00	1.19	
77 Dichlorobromomethane	83	6.324	6.330	-0.006	98	2998	1.00	0.9509	
78 2-Chloroethyl vinyl ether	63	6.592	6.598	-0.006	98	2012	1.00	1.04	
79 2-Nitropropane	41	6.616	6.610	0.006	61	914	2.00	2.03	a
80 Epichlorohydrin	57	6.695	6.701	-0.006	99	5984	20.0	23.3	
81 cis-1,3-Dichloropropene	75	6.738	6.738	0.000	90	3822	1.00	1.01	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	96	14651	5.00	5.18	
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	100	520497	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.982	6.982	0.000	91	15657	1.00	1.25	
86 Ethyl methacrylate	69	7.201	7.201	0.000	82	2414	1.00	0.6698	
85 trans-1,3-Dichloropropene	75	7.201	7.201	0.000	89	2612	1.00	0.9500	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	91	2179	1.00	1.02	
88 Tetrachloroethene	166	7.384	7.390	-0.006	86	3427	1.00	1.17	
89 1,3-Dichloropropane	76	7.482	7.476	0.006	90	4807	1.00	1.09	
90 2-Hexanone	43	7.494	7.494	0.000	92	9520	5.00	5.25	
91 n-Butyl acetate	73	7.543	7.543	0.000	97	488	1.00	0.7390	
92 Chlorodibromomethane	129	7.616	7.622	-0.006	96	1867	1.00	1.07	
93 Ethylene Dibromide	107	7.720	7.720	0.000	97	2191	1.00	0.99	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	85	408909	50.0	50.0	
95 Chlorobenzene	112	8.018	8.018	0.000	96	9167	1.00	1.19	
96 Ethylbenzene	106	8.061	8.061	0.000	97	5356	1.00	1.18	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	75	1868	1.00	1.03	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	98	6231	1.00	1.13	
99 n-Butyl acrylate	73	8.335	8.335	0.000	97	1005	1.00	0.5773	
100 o-Xylene	106	8.384	8.384	0.000	93	6018	1.00	1.08	
101 Styrene	104	8.402	8.402	0.000	94	9506	1.00	1.10	
102 Amyl acetate (mixed isomers)	43	8.463	8.469	-0.006	89	2858	1.00	0.5816	
103 Bromoform	173	8.543	8.543	0.000	88	827	1.00	1.01	
104 Isopropylbenzene	105	8.591	8.591	0.000	96	16187	1.00	1.10	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	89	151212	50.0	50.6	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	78	3964	1.00	1.10	
107 Bromobenzene	156	8.811	8.811	0.000	96	3960	1.00	1.12	
108 N-Propylbenzene	91	8.829	8.829	0.000	99	19758	1.00	1.10	
109 trans-1,4-Dichloro-2-butene	53	8.835	8.841	-0.006	69	1007	1.00	1.17	
110 1,2,3-Trichloropropane	110	8.847	8.847	0.000	91	1107	1.00	1.05	
111 4-Ethyltoluene	105	8.890	8.890	0.000	98	17269	1.00	1.13	
112 2-Chlorotoluene	91	8.902	8.908	-0.006	96	15045	1.00	1.15	
113 1,3,5-Trimethylbenzene	105	8.927	8.927	0.000	94	13578	1.00	1.04	
114 Butyl Methacrylate	87	8.957	8.951	0.006	88	2072	1.00	0.4787	
115 4-Chlorotoluene	91	8.969	8.969	0.000	98	11661	1.00	1.16	
116 tert-Butylbenzene	119	9.103	9.103	0.000	95	10575	1.00	1.06	
117 1,2,4-Trimethylbenzene	105	9.140	9.140	0.000	96	14389	1.00	1.08	
118 sec-Butylbenzene	105	9.231	9.231	0.000	99	17861	1.00	1.07	
119 4-Isopropyltoluene	119	9.305	9.305	0.000	98	15427	1.00	1.08	
120 1,3-Dichlorobenzene	146	9.335	9.335	0.000	94	8529	1.00	1.22	
* 121 1,4-Dichlorobenzene-d4	152	9.378	9.378	0.000	96	230776	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.390	9.390	0.000	73	8243	1.00	1.16	
123 1,2,3-Trimethylbenzene	105	9.390	9.396	-0.006	96	15831	1.00	1.10	
124 Benzyl chloride	91	9.469	9.475	-0.006	95	2591	1.00	1.02	
125 2,3-Dihydroindene	117	9.524	9.524	0.000	91	17384	1.00	1.15	
126 p-Diethylbenzene	119	9.530	9.530	0.000	90	9704	1.00	1.14	
127 n-Butylbenzene	92	9.548	9.549	0.000	97	8683	1.00	1.08	
128 1,2-Dichlorobenzene	146	9.628	9.628	0.000	94	8796	1.00	1.21	
129 1,2,4,5-Tetramethylbenzene	119	10.042	10.042	0.000	98	14318	1.00	1.10	
130 1,2-Dibromo-3-Chloropropane	75	10.158	10.158	0.000	66	428	1.00	1.00	
131 1,3,5-Trichlorobenzene	180	10.262	10.256	0.006	95	6102	1.00	1.06	
132 1,2,4-Trichlorobenzene	180	10.768	10.768	0.000	91	4888	1.00	1.09	
133 Hexachlorobutadiene	225	10.841	10.847	-0.006	93	2111	1.00	0.9890	
134 Naphthalene	128	11.018	11.018	0.000	98	7700	1.00	0.9439	
135 1,2,3-Trichlorobenzene	180	11.237	11.243	-0.006	94	2719	1.00	0.9366	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.42	
S 137 Xylenes, Total	100				0		2.00	2.21	
S 138 Total BTEX	1				0		5.00	5.86	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 10.00	Units: uL	
524freon_00023	Amount Added: 10.00	Units: uL	
ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
14DIOXINTER_00116	Amount Added: 30.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

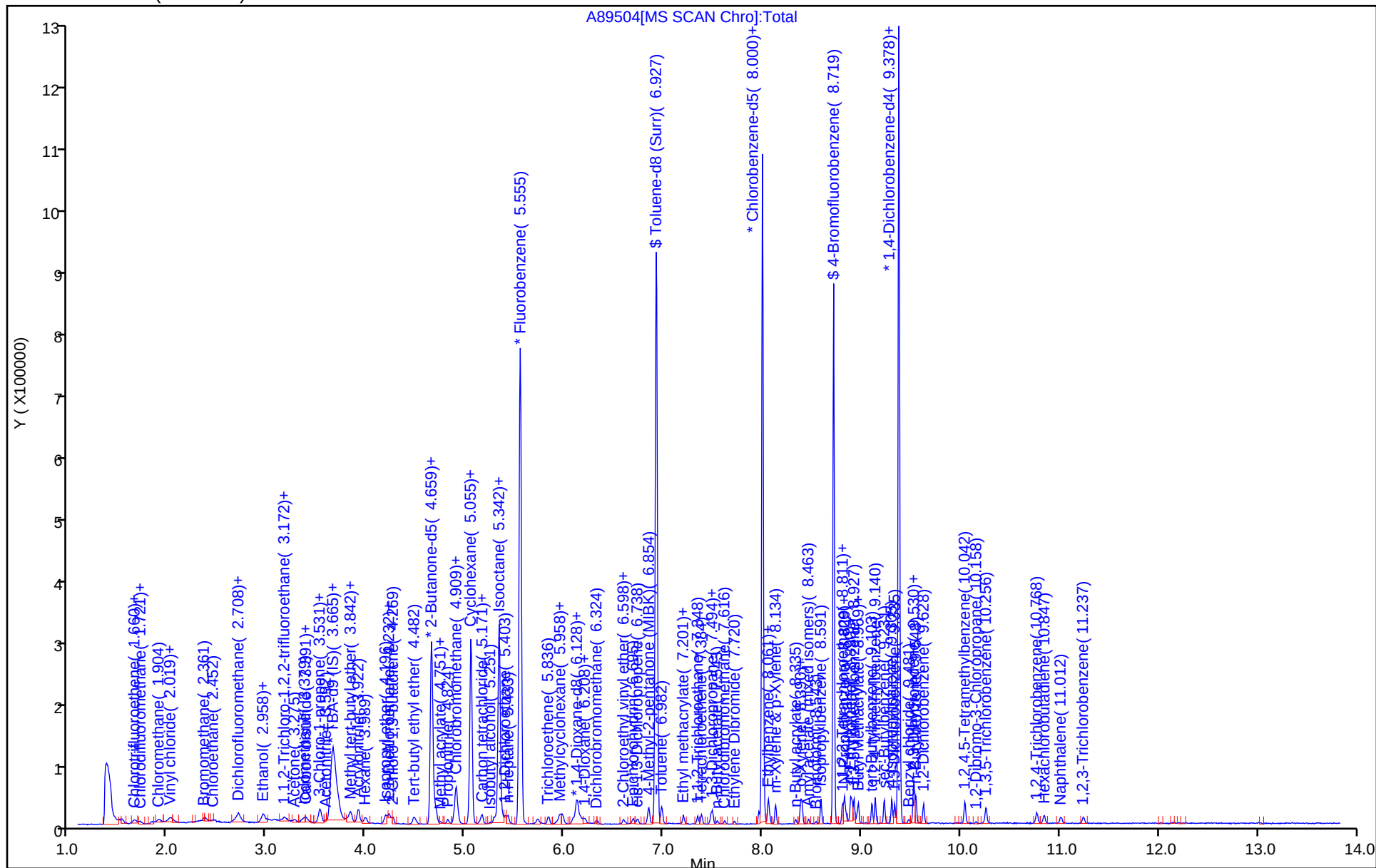
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

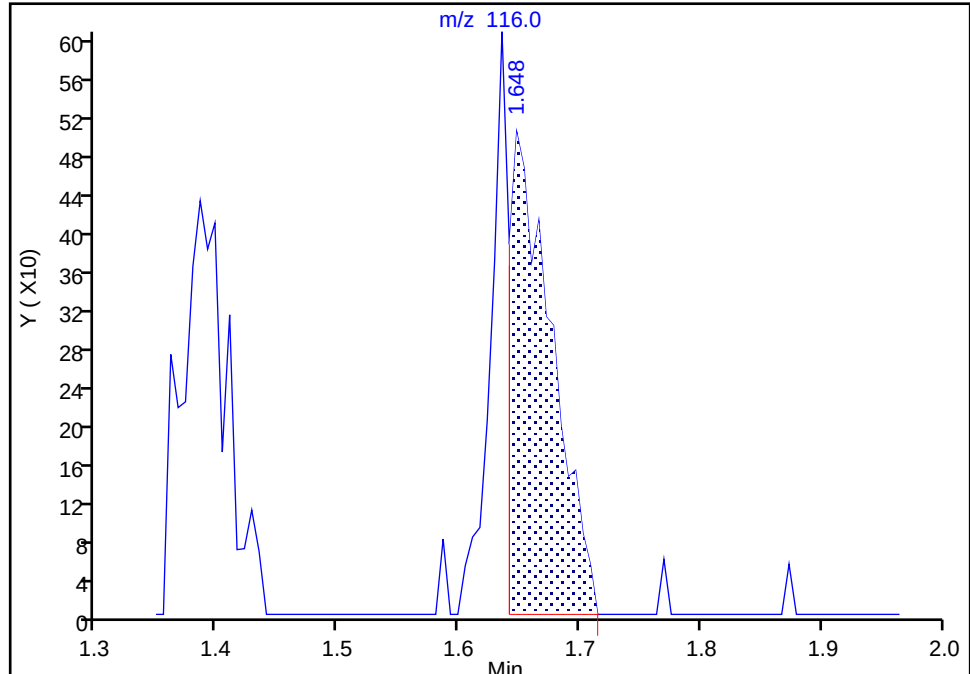
MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

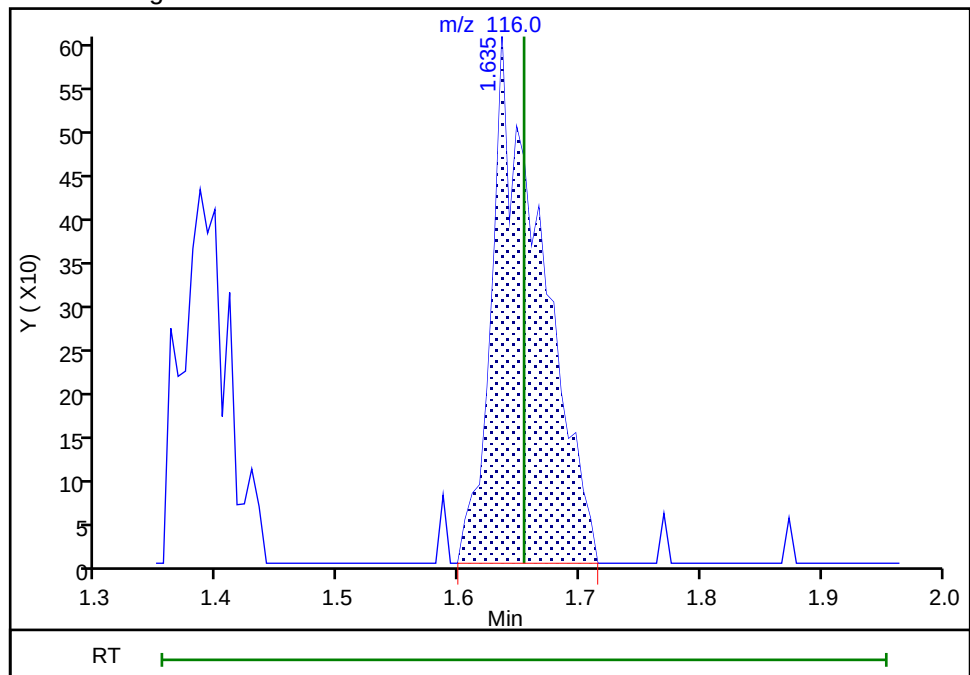
RT: 1.65
Area: 1222
Amount: 0.941084
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 1731
Amount: 1.081170
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:44:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

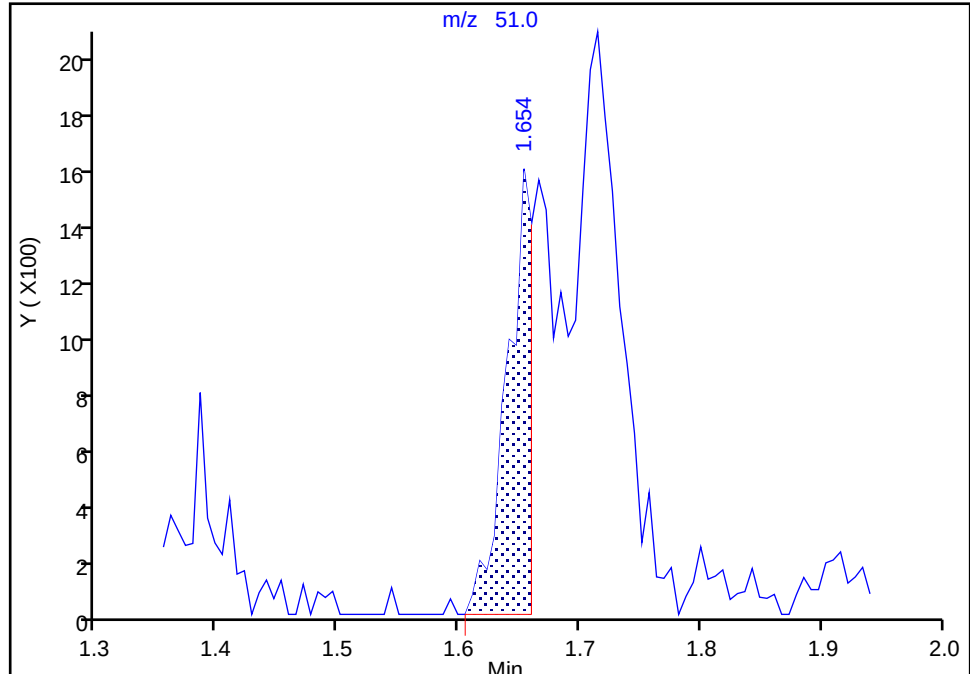
MS SCAN

3 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

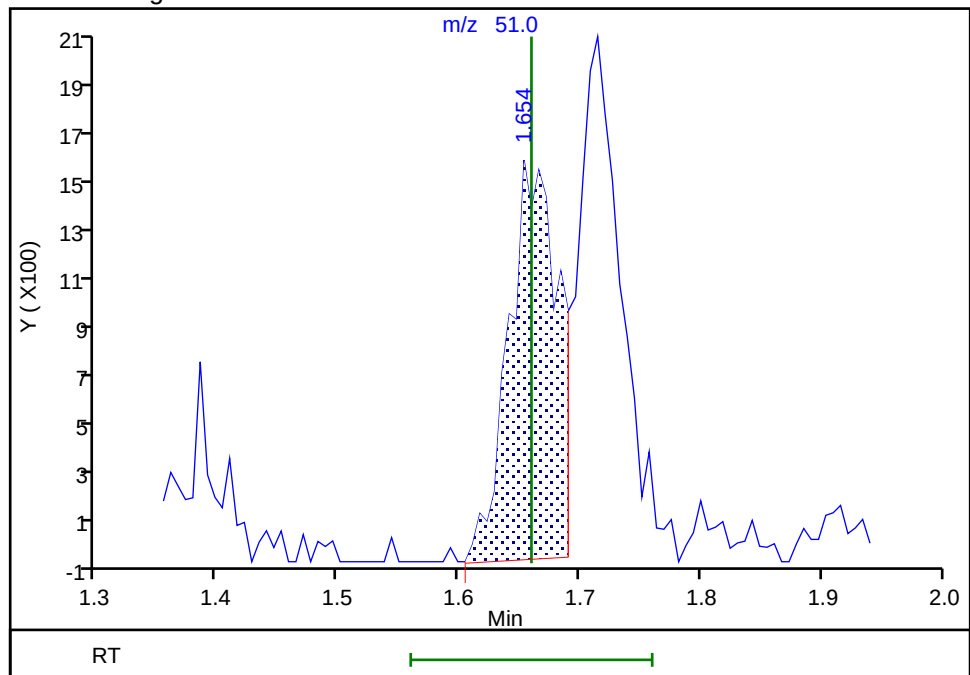
RT: 1.65
Area: 2317
Amount: 0.658640
Amount Units: ug/l

Processing Integration Results



RT: 1.65
Area: 4513
Amount: 1.186152
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:44:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

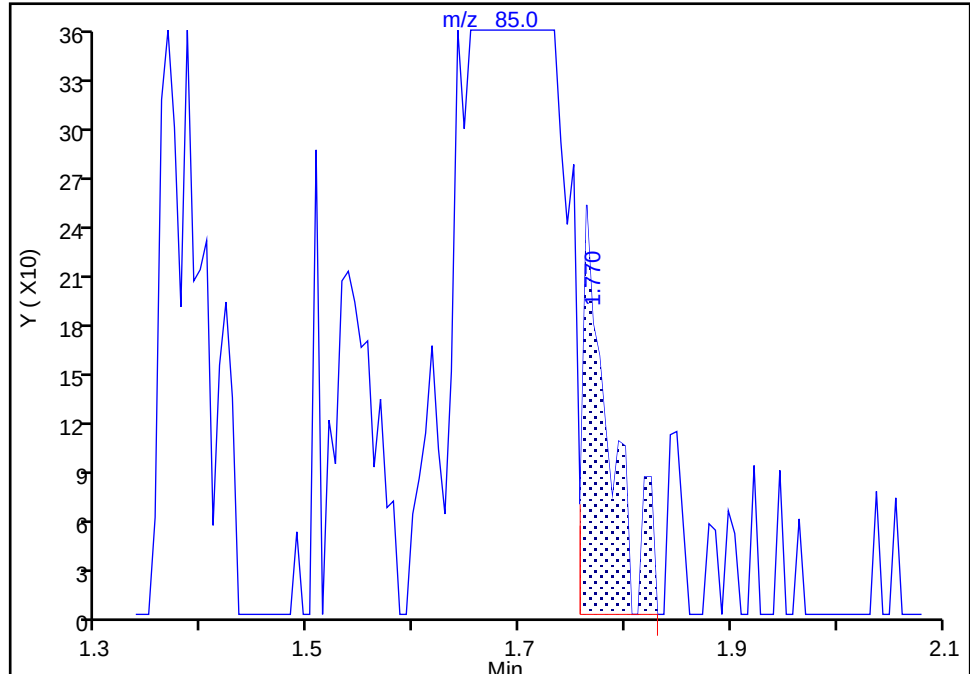
MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

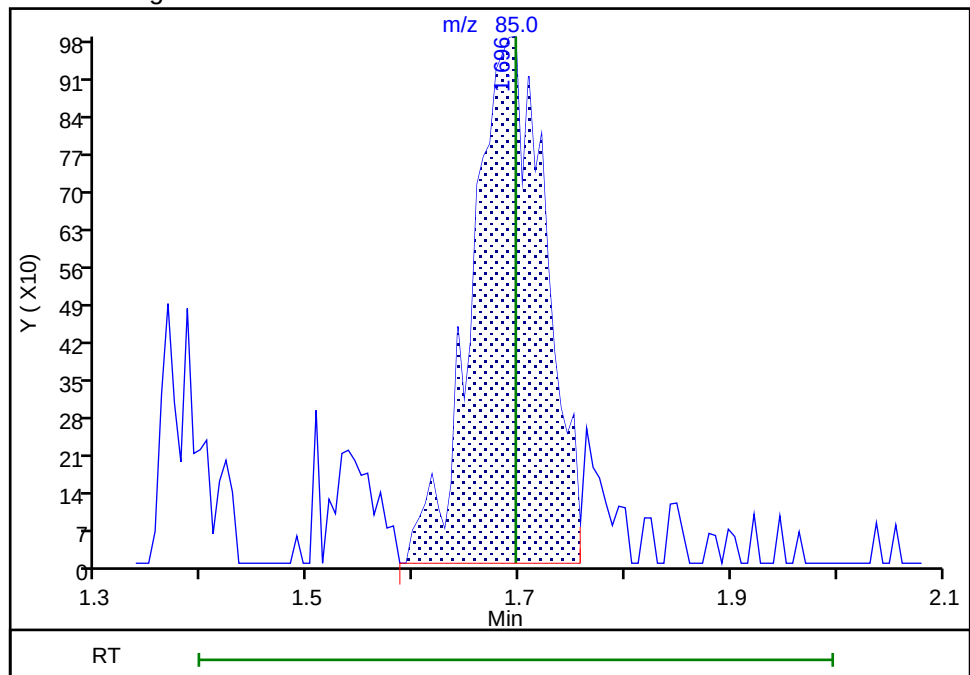
RT: 1.77
Area: 448
Amount: 0.085880
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 4757
Amount: 0.907678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:44:31

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

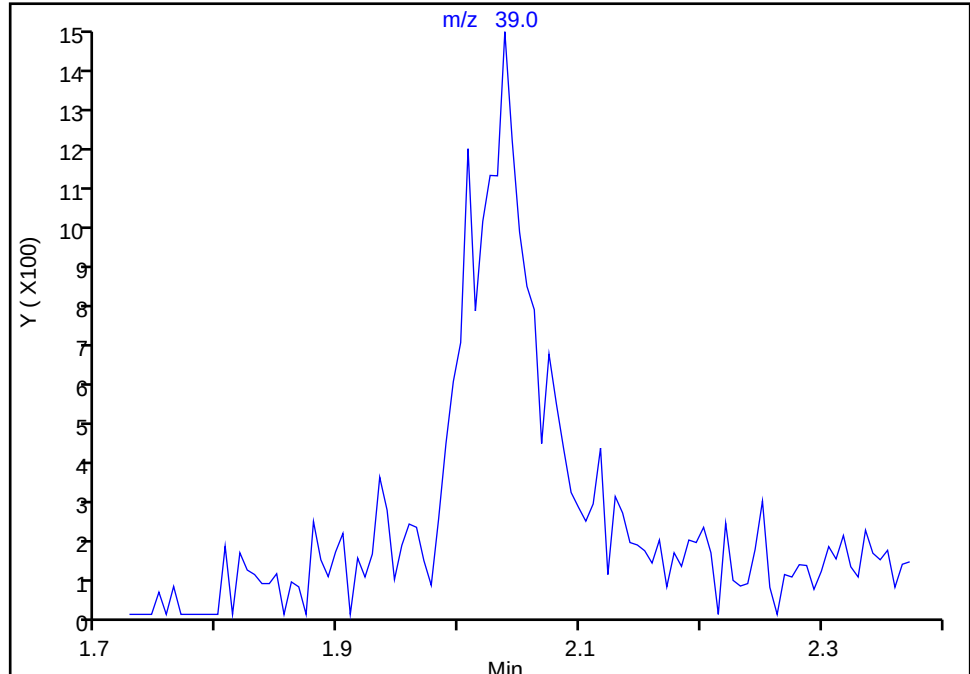
7 Butadiene, CAS: 106-99-0

Signal: 1

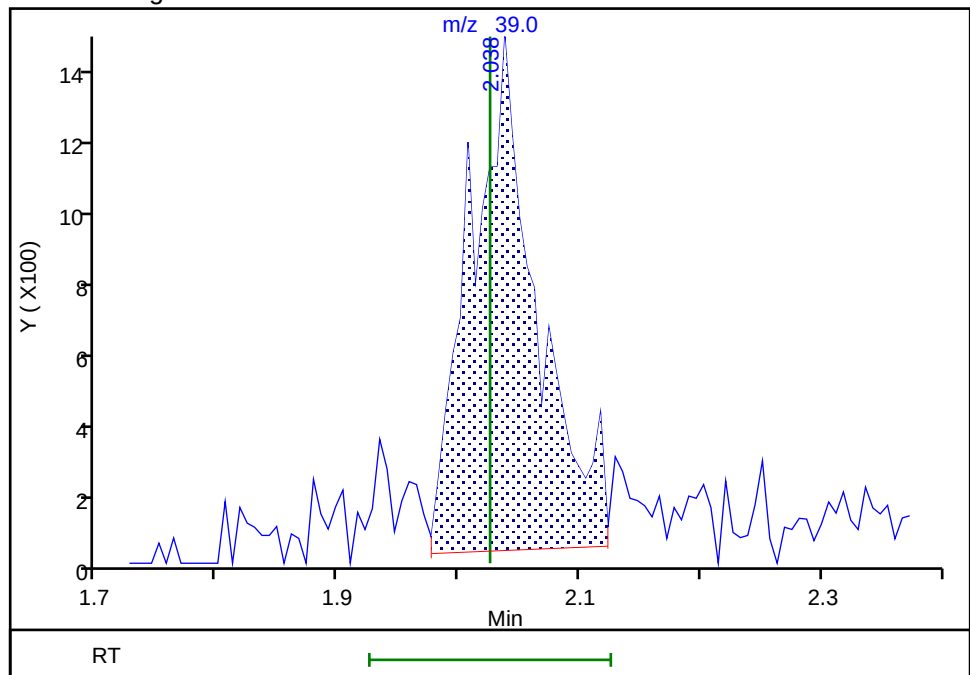
Not Detected

Expected RT: 2.03

Processing Integration Results



Manual Integration Results



RT: 2.04

Area: 5333

Amount: 1.072496

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:44:39

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D		
Injection Date:	11-Jun-2020 02:28:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C V
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

ALS Bottle#: 3 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

Signal: 1

RT: 2.46
Area: 5325
Amount: 1.656557
Amount Units: ug/l

Chromatogram of the sample showing a major peak at 2.465 minutes. The x-axis is labeled 'Min' and ranges from 2.1 to 2.7. The y-axis is labeled 'Y (X100)' and ranges from 0 to 16. The peak is labeled 'm/z 64.0' and '2.465'. The peak area is shaded with a blue dotted pattern and outlined in red.

RT: 2.46
Area: 3868
Amount: 1.146871
Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 18:11:24
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 222 of 684

07/09/2020

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

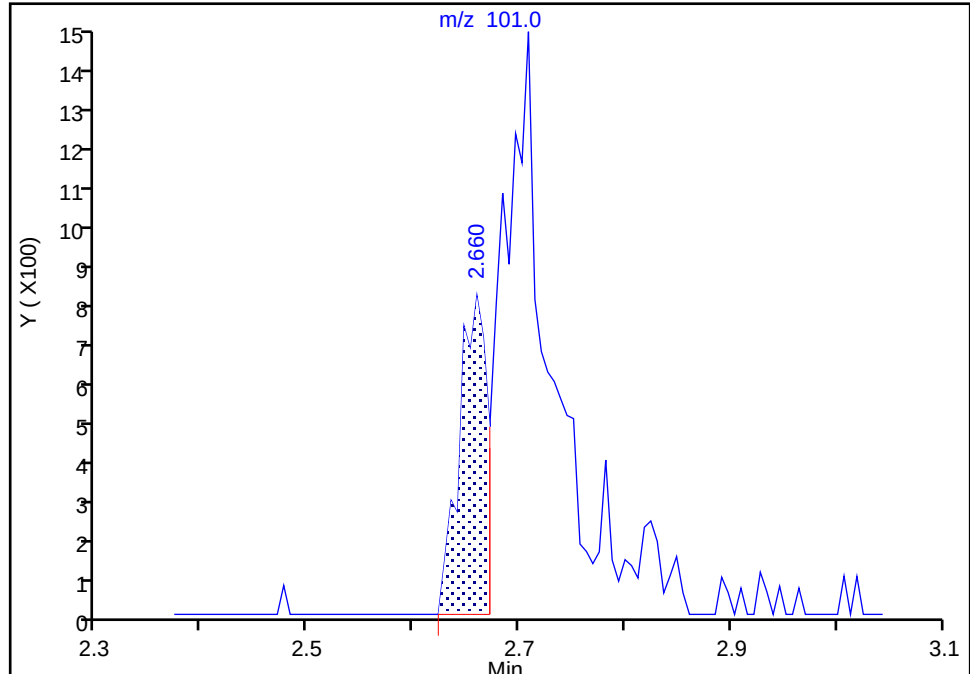
MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

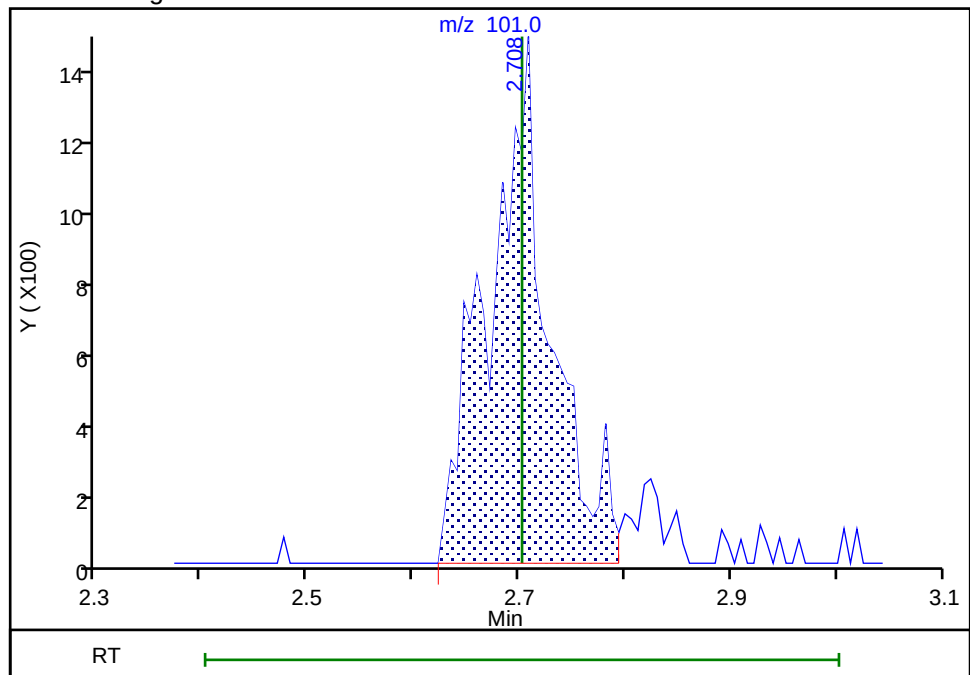
RT: 2.66
Area: 1502
Amount: 0.273433
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 5947
Amount: 1.079758
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:44:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

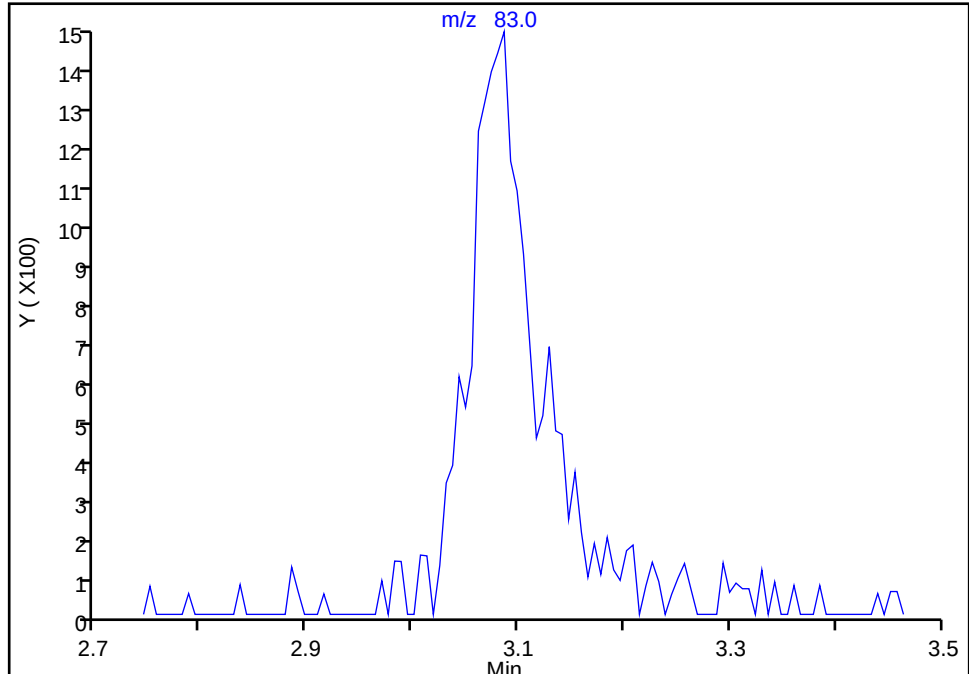
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

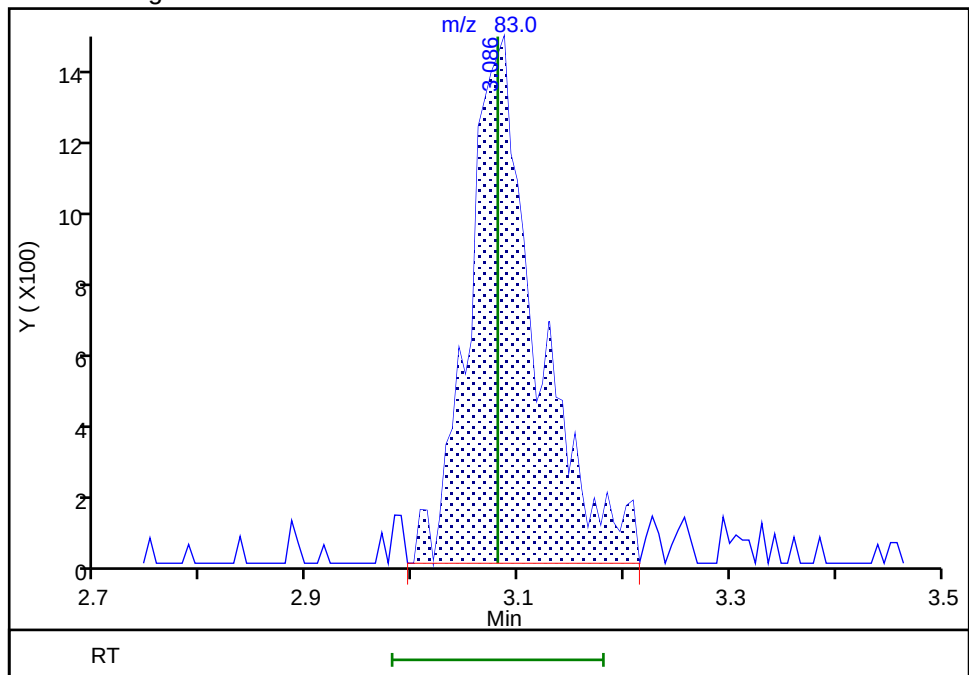
Not Detected

Expected RT: 3.08

Processing Integration Results



Manual Integration Results



RT: 3.09

Area: 6472

Amount: 1.139899

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:45:03

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

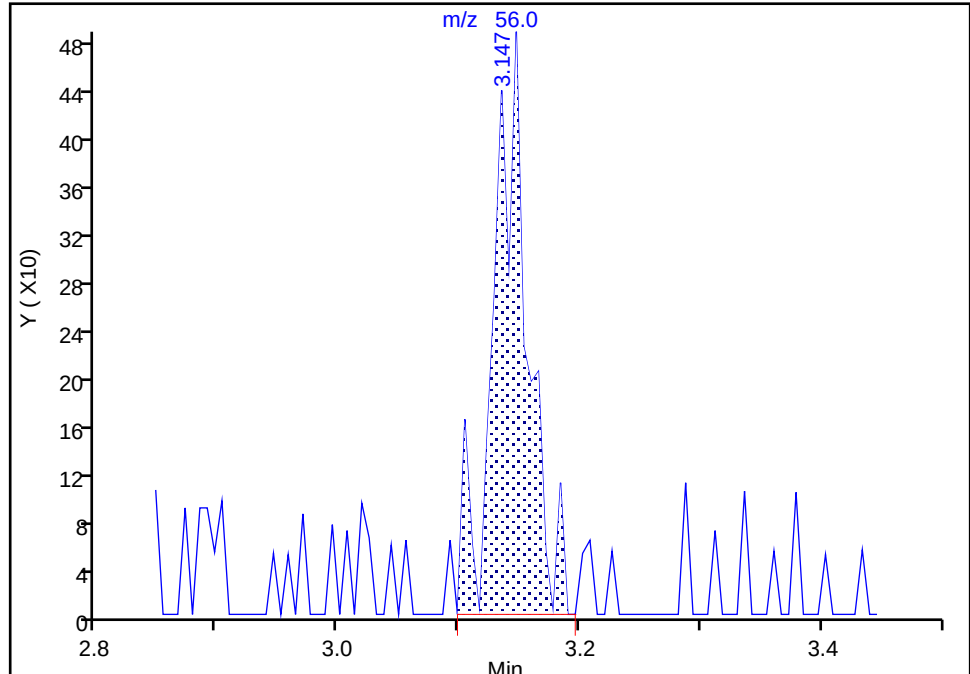
MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

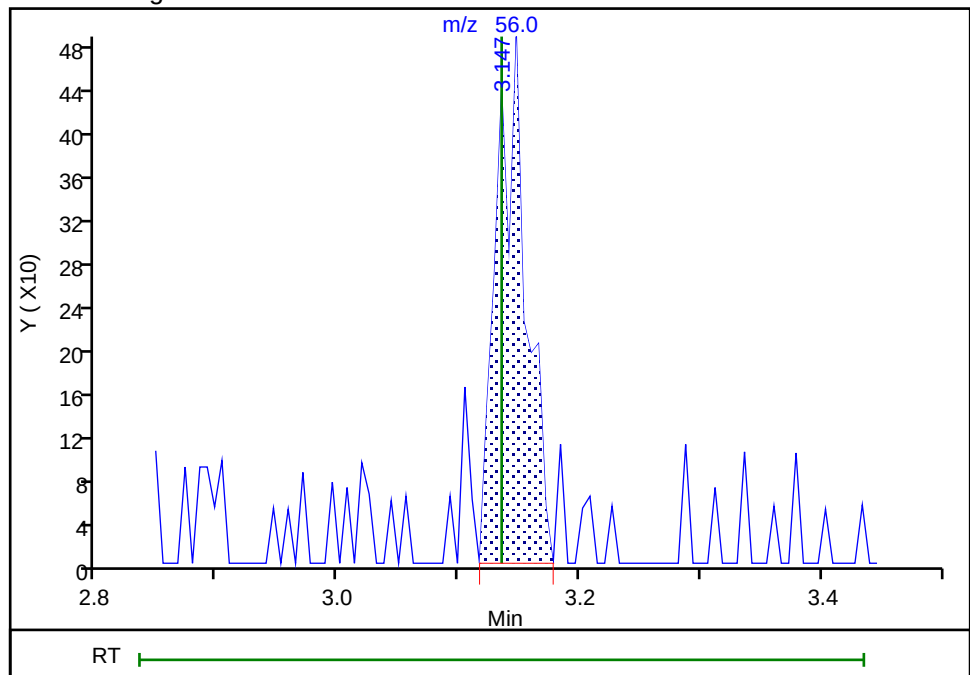
RT: 3.15
Area: 958
Amount: 6.370109
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 837
Amount: 5.565763
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 18:13:29

Audit Action: Manually Integrated

Audit Reason: Baseline

Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D		
Injection Date:	11-Jun-2020 02:28:30	Instrument ID:	CVOAMS1
Lims ID:	STD1		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C V
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

ALS Bottle#: 3 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

Signal: 1

Not Detected
Expected RT: 3.18

A chromatogram plot with the y-axis labeled 'Y (X100)' ranging from 0 to 12 and the x-axis labeled 'Min' ranging from 2.8 to 3.4. A single, sharp, prominent peak is visible at approximately 3.15 minutes, reaching a height of about 12 on the y-axis. The peak is labeled 'm/z 96.0' at its apex. The baseline is relatively flat with minor fluctuations and small peaks around 2.9, 3.0, 3.1, 3.2, 3.3, and 3.4 minutes.

RT: 3.17
Area: 3491
Amount: 0.975618
Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:45:10
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

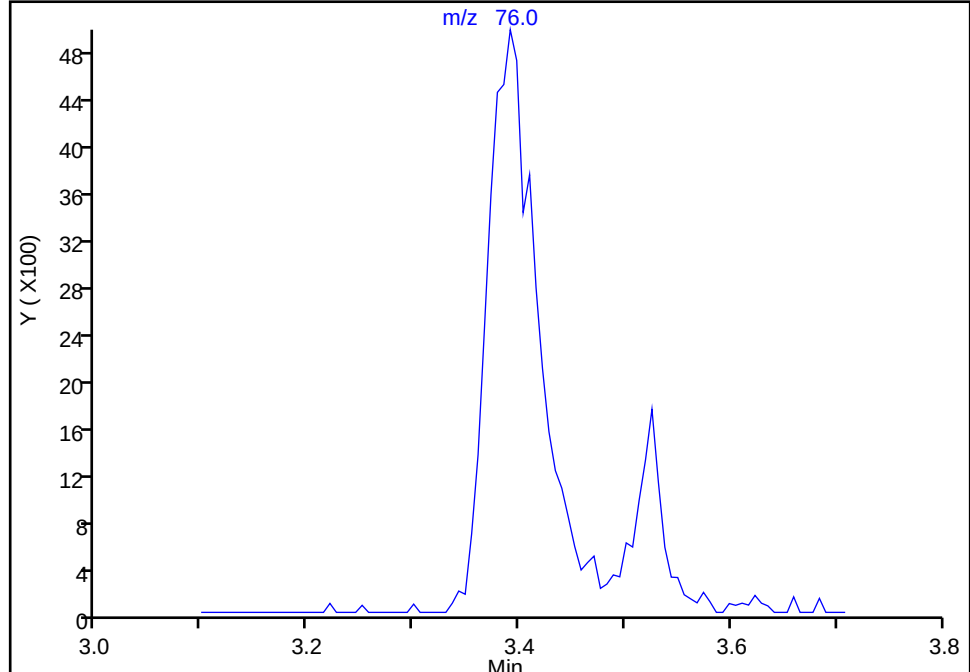
24 Carbon disulfide, CAS: 75-15-0

Signal: 1

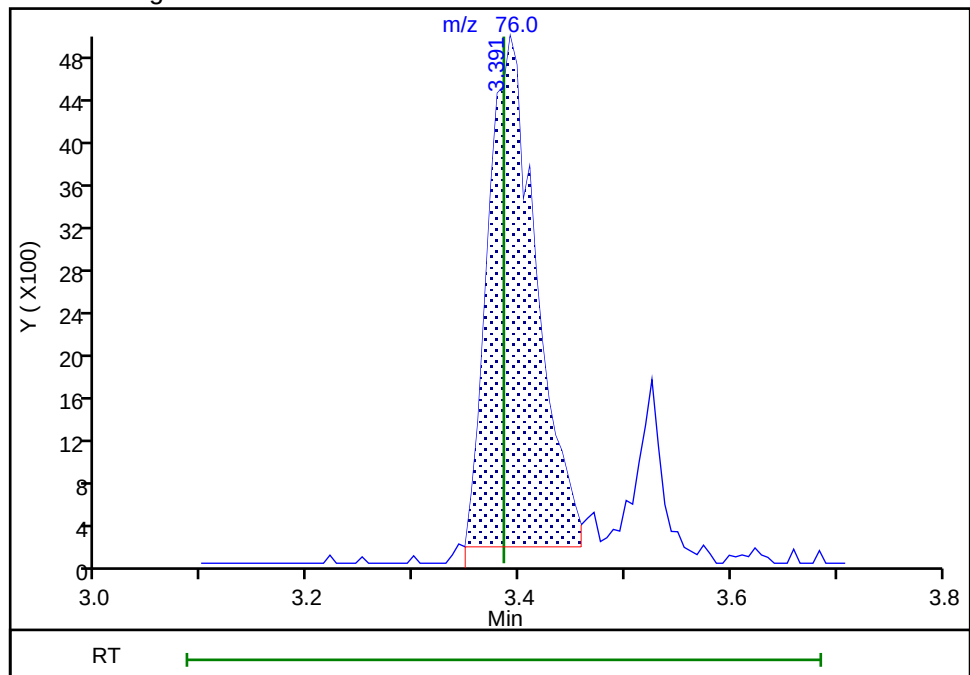
Not Detected

Expected RT: 3.39

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:45:16

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

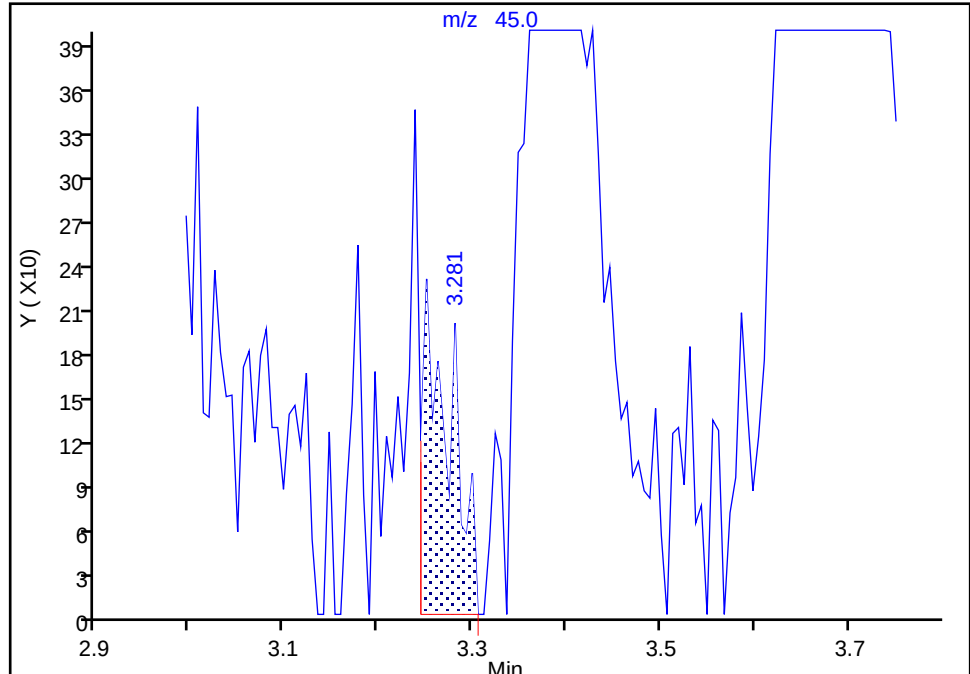
MS SCAN

25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

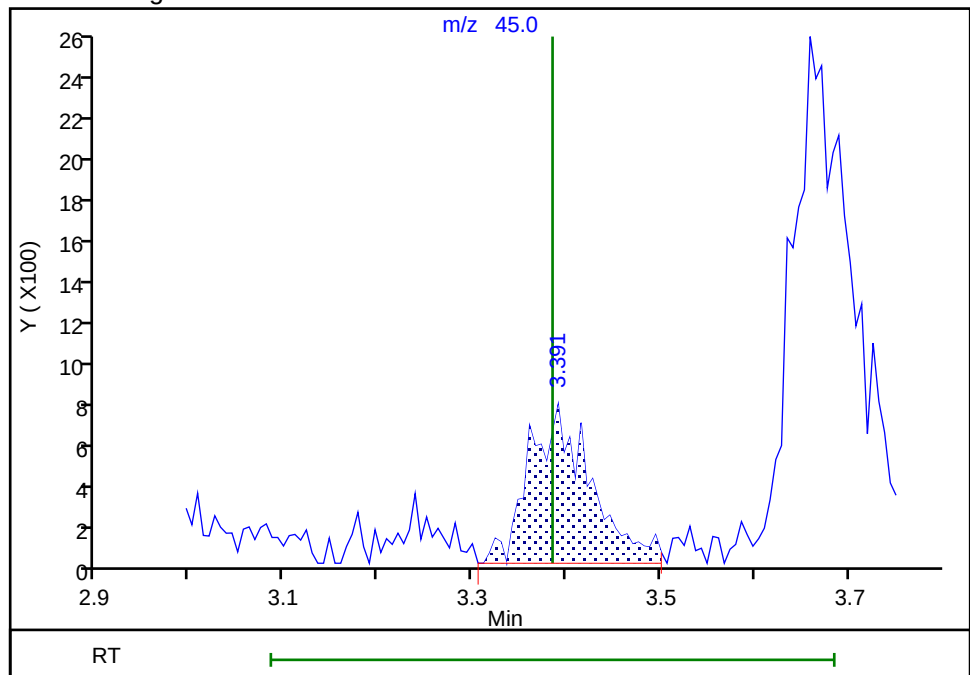
RT: 3.28
Area: 459
Amount: 2.396135
Amount Units: ug/l

Processing Integration Results



RT: 3.39
Area: 3534
Amount: 18.435443
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:45:22

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

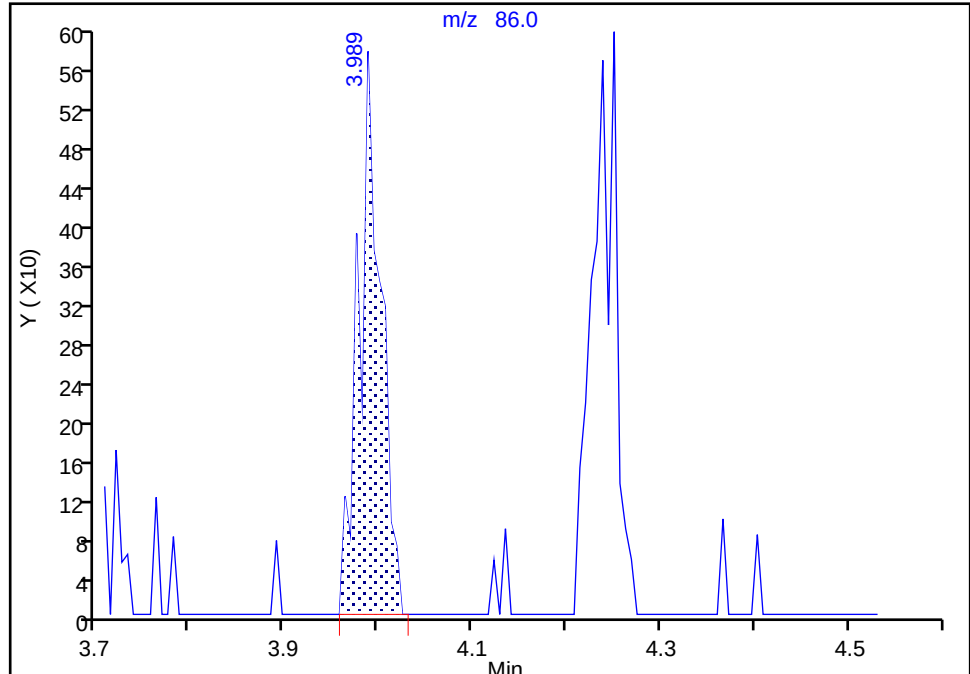
Detector: MS SCAN

39 Vinyl acetate, CAS: 108-05-4

Signal: 1

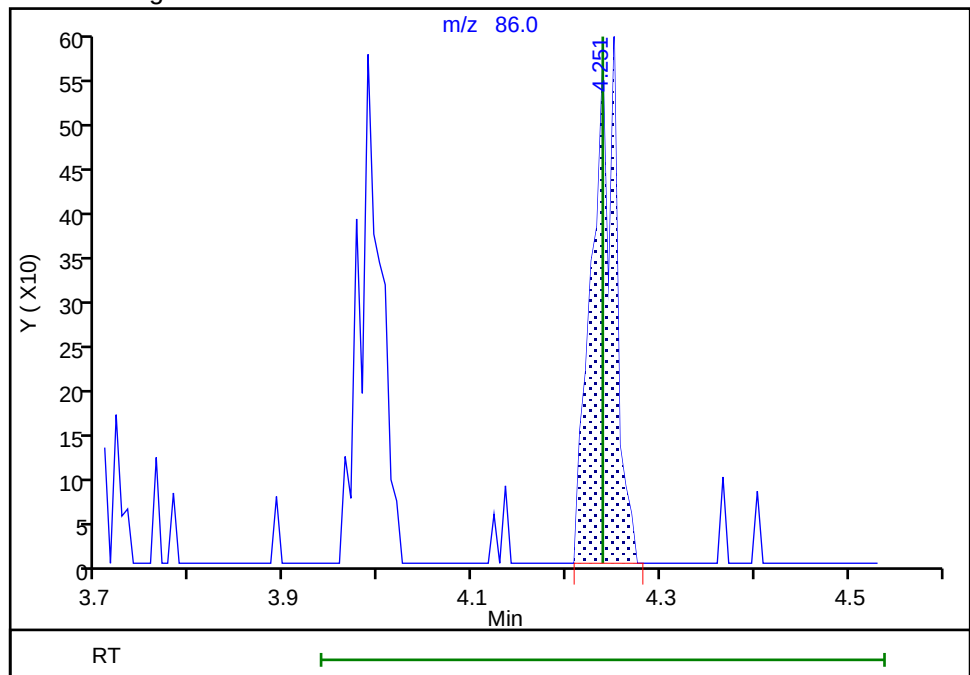
RT: 3.99
Area: 925
Amount: 1.999239
Amount Units: ug/l

Processing Integration Results



RT: 4.25
Area: 1027
Amount: 2.179653
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:45:36

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

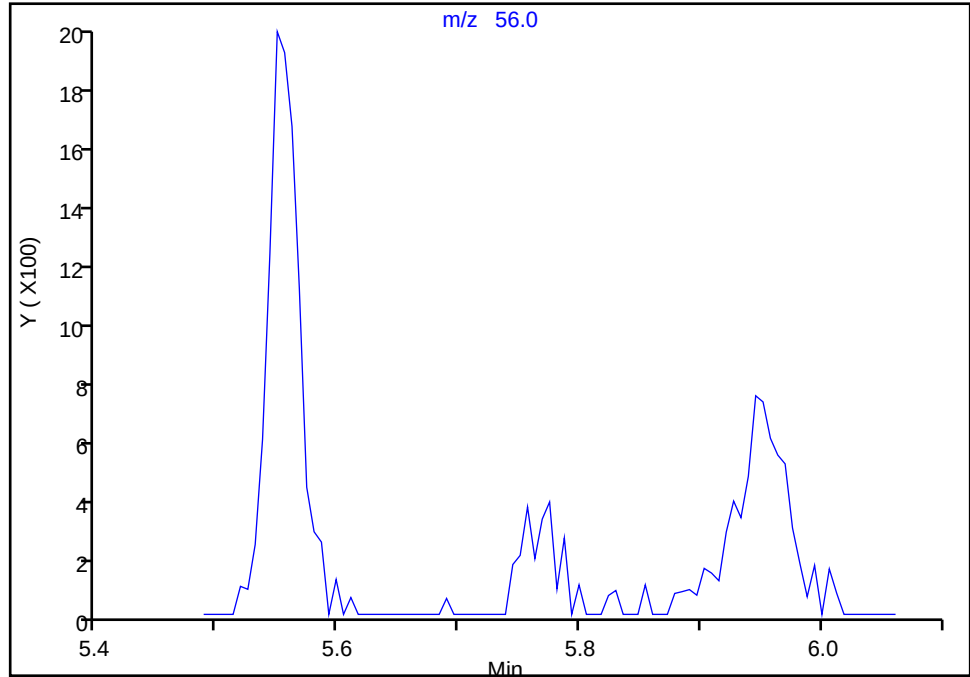
67 n-Butanol, CAS: 71-36-3

Signal: 1

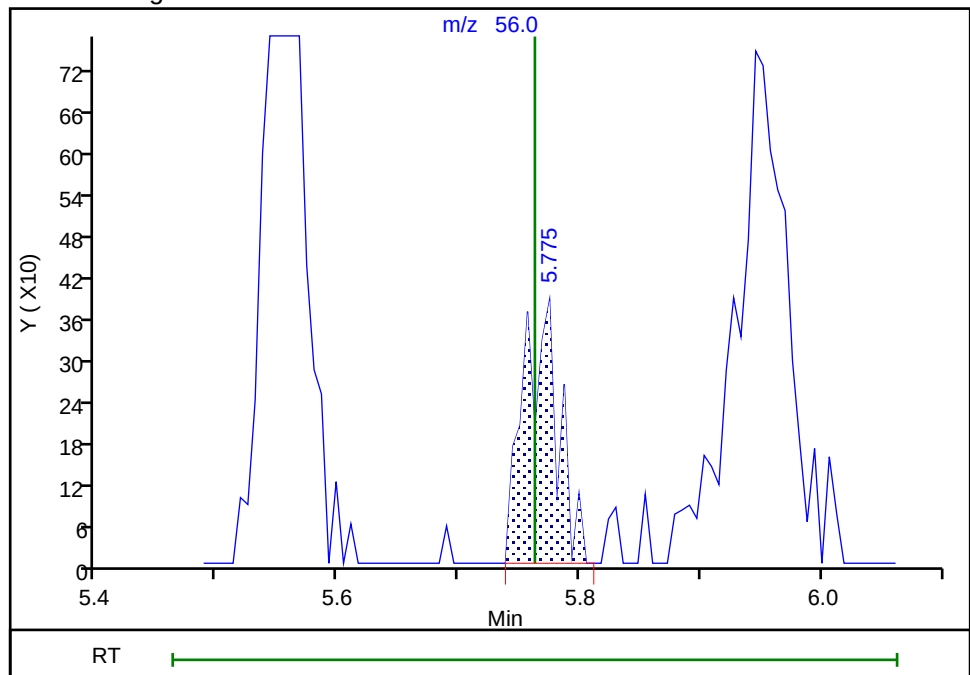
Not Detected

Expected RT: 5.76

Processing Integration Results



Manual Integration Results



RT: 5.77

Area: 758

Amount: 20.560336

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:45:49

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

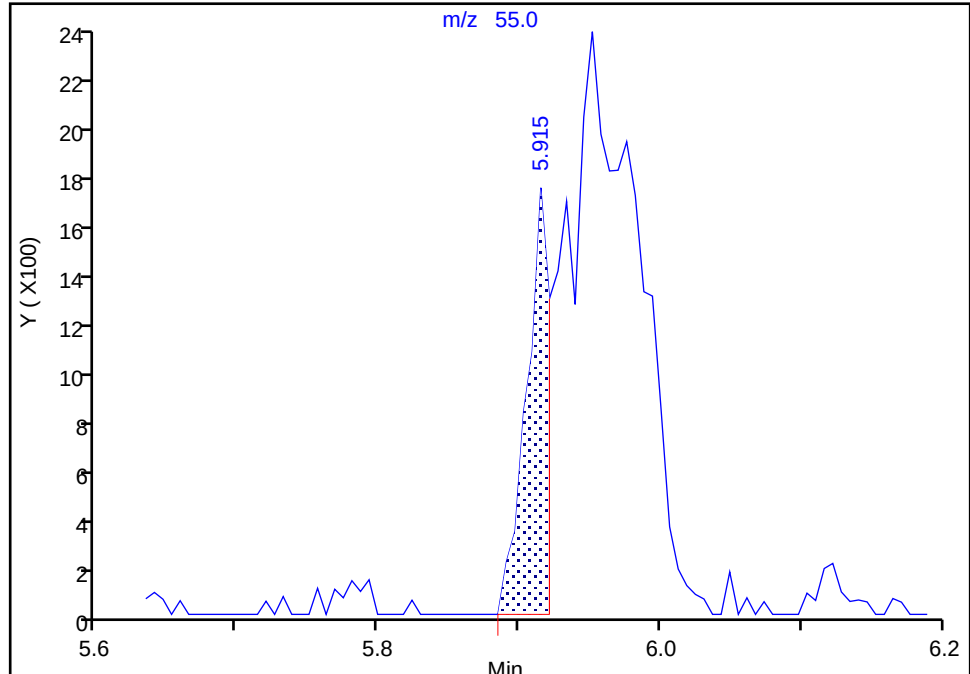
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

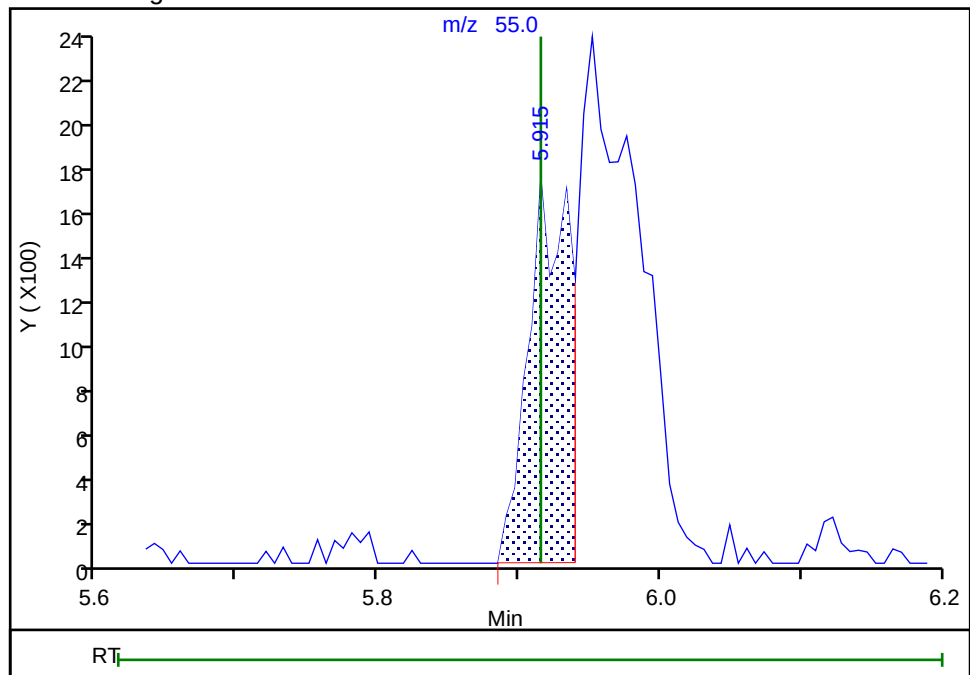
RT: 5.92
Area: 2015
Amount: 0.592351
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 3605
Amount: 1.059414
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:46:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D

Injection Date: 11-Jun-2020 02:28:30

Instrument ID: CVOAMS1

Lims ID: STD1

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

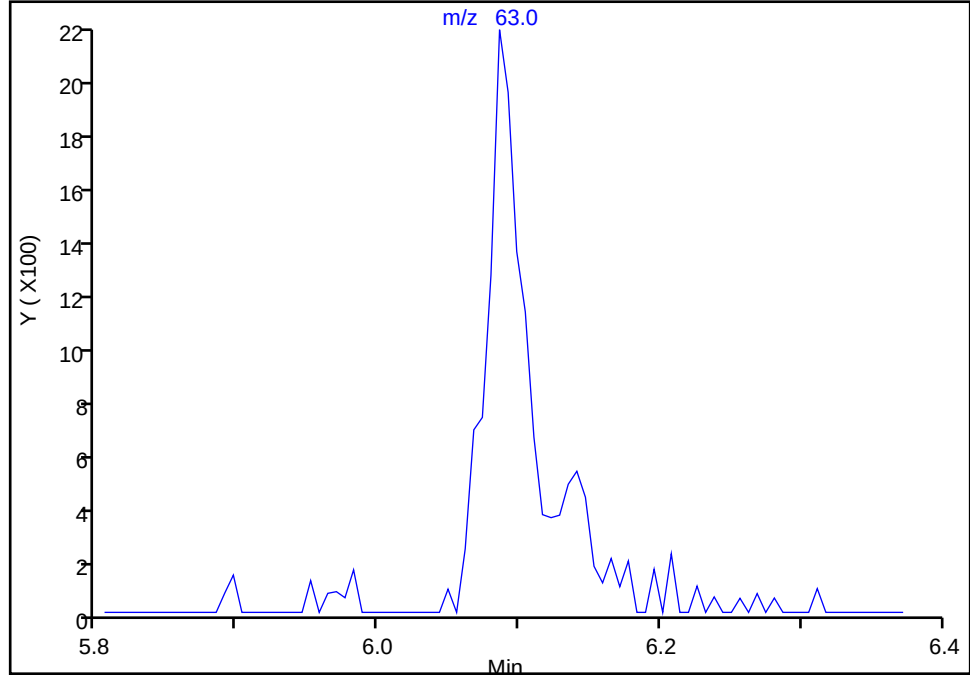
71 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

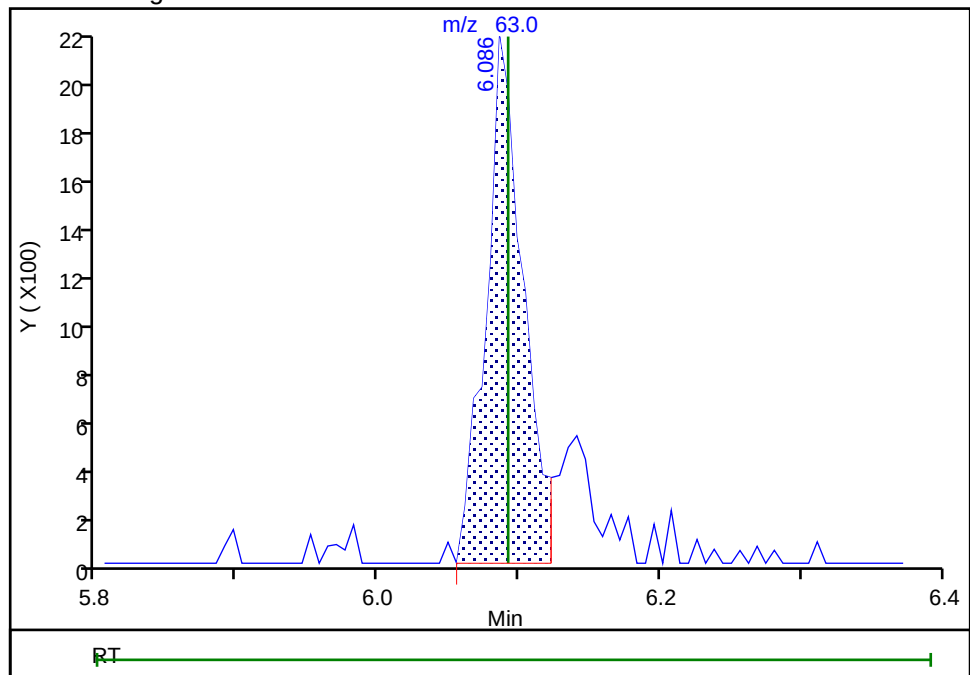
Not Detected

Expected RT: 6.09

Processing Integration Results



Manual Integration Results



RT: 6.09

Area: 3855

Amount: 1.146114

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:46:21

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

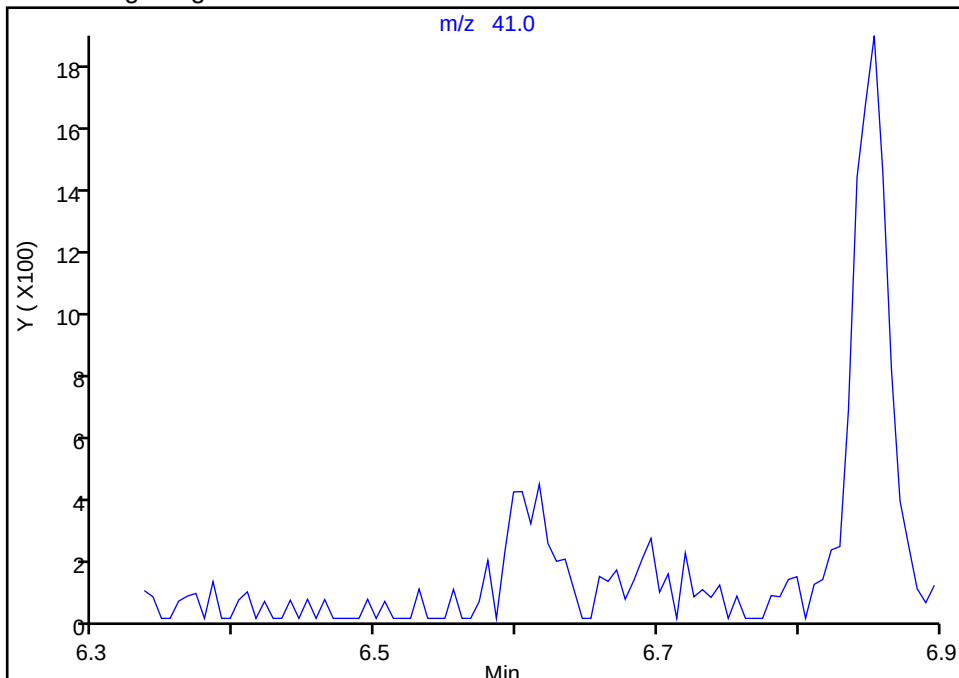
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89504.D
Injection Date: 11-Jun-2020 02:28:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

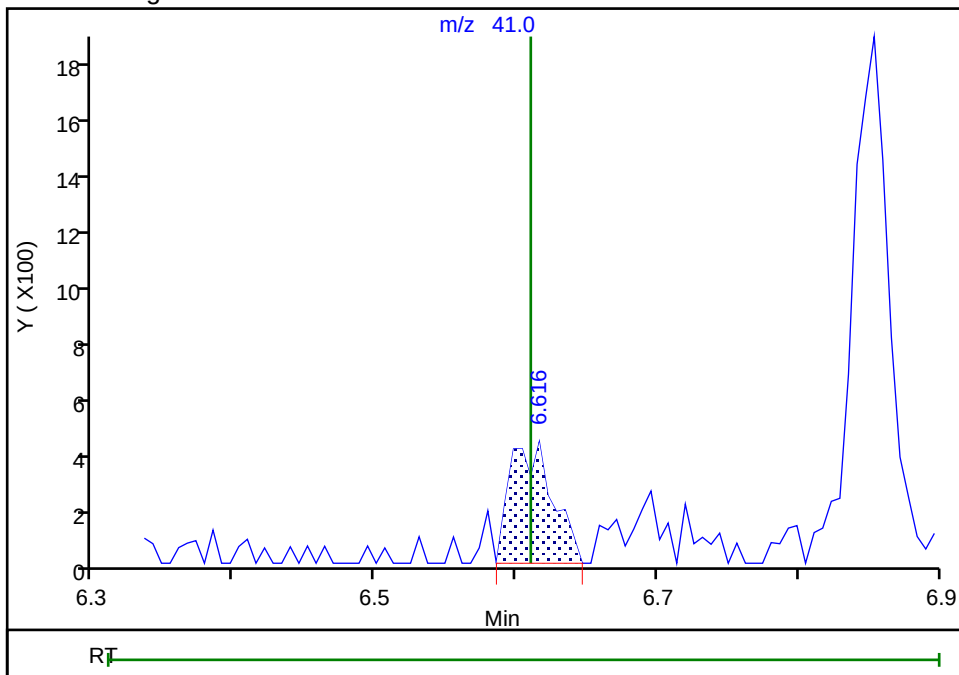
Not Detected
Expected RT: 6.61

Processing Integration Results



RT: 6.62
Area: 914
Amount: 2.025521
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:46:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Jun-2020 02:52:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0111447-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:46:16 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 03:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.507	1.544	-0.037	37	2229	5.00	6.18	Ma
2 Chlorotrifluoroethene	116	1.635	1.654	-0.019	67	7946	5.00	5.20	
3 1,1-Difluoroethane	51	1.642	1.660	-0.018	97	18025	5.00	4.96	
4 Dichlorodifluoromethane	85	1.684	1.696	-0.012	98	26476	5.00	5.29	
5 Chlorodifluoromethane	51	1.709	1.715	-0.006	98	23330	5.00	5.22	
6 Chloromethane	50	1.892	1.904	-0.012	99	31607	5.00	5.30	
8 Vinyl chloride	62	2.001	2.013	-0.012	97	28964	5.00	5.02	
7 Butadiene	39	2.013	2.026	-0.013	75	21966	5.00	4.63	
9 Bromomethane	94	2.367	2.367	0.000	96	20001	5.00	5.06	
10 Chloroethane	64	2.458	2.458	0.000	98	17146	5.00	5.33	a
11 Dichlorofluoromethane	67	2.666	2.684	-0.018	98	34279	5.00	4.85	
12 Trichlorofluoromethane	101	2.672	2.702	-0.030	54	25407	5.00	4.83	a
13 Pentane	72	2.702	2.714	-0.012	97	6822	10.0	12.3	
15 Ethanol	46	2.952	2.934	0.018	70	4465	200.0	246.0	a
14 Ethyl ether	59	2.934	2.946	-0.012	91	13489	5.00	4.77	
16 2-Methyl-1,3-butadiene	53	2.952	2.971	-0.019	96	15512	5.00	4.76	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.013	3.013	0.000	77	15746	5.00	4.90	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.068	3.080	-0.012	90	26041	5.00	4.81	a
19 Acrolein	56	3.135	3.135	0.000	52	3888	20.0	31.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.147	3.160	-0.013	86	18276	5.00	5.07	
21 1,1-Dichloroethene	96	3.166	3.184	-0.018	98	16220	5.00	4.75	
22 Acetone	58	3.275	3.275	0.000	87	8877	25.0	23.4	
23 Iodomethane	142	3.349	3.355	-0.006	95	30159	5.00	4.84	
24 Carbon disulfide	76	3.385	3.385	0.000	100	65515	5.00	4.90	
25 Isopropyl alcohol	45	3.391	3.385	0.006	96	10759	50.0	67.7	
26 3-Chloro-1-propene	76	3.519	3.525	-0.006	93	10786	5.00	4.43	
27 Methyl acetate	43	3.525	3.537	-0.012	73	22658	10.0	9.60	
28 Cyclopentene	67	3.538	3.544	-0.006	93	43042	5.00	4.77	
29 Acetonitrile	41	3.592	3.598	-0.006	99	20935	50.0	57.0	M
* 31 TBA-d9 (IS)	65	3.653	3.659	-0.006	55	234149	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.653	3.659	-0.006	59	19449	5.00	4.67	a
32 2-Methyl-2-propanol	59	3.739	3.733	0.006	1	9465	50.0	42.1	a
33 Methyl tert-butyl ether	73	3.818	3.824	-0.006	98	37095	5.00	4.73	
34 trans-1,2-Dichloroethene	96	3.836	3.842	-0.006	94	16966	5.00	4.75	
35 Acrylonitrile	53	3.916	3.915	0.001	95	61270	50.0	46.6	
36 Hexane	43	3.983	3.995	-0.012	94	13940	5.00	5.03	
37 Isopropyl ether	45	4.196	4.196	0.000	98	51588	5.00	4.94	
38 1,1-Dichloroethane	63	4.226	4.232	-0.006	99	28679	5.00	4.87	
39 Vinyl acetate	86	4.233	4.239	-0.006	99	3454	10.0	8.85	
40 2-Chloro-1,3-butadiene	88	4.263	4.269	-0.006	90	13935	5.00	4.82	
41 Tert-butyl ethyl ether	59	4.482	4.489	-0.007	90	40120	5.00	4.85	
* 42 2-Butanone-d5	46	4.653	4.653	0.000	89	296776	250.0	250.0	
43 2,2-Dichloropropane	97	4.684	4.690	-0.006	85	3261	5.00	3.97	
44 cis-1,2-Dichloroethene	96	4.690	4.696	-0.006	96	17651	5.00	4.71	
45 Ethyl acetate	70	4.702	4.708	-0.006	94	2411	10.0	8.39	
46 2-Butanone (MEK)	72	4.702	4.708	-0.006	98	9181	25.0	25.3	
47 Methyl acrylate	55	4.751	4.751	0.000	98	10488	5.00	4.46	
48 Propionitrile	54	4.818	4.824	-0.006	98	22908	50.0	57.6	
49 Chlorobromomethane	128	4.885	4.891	-0.006	89	8207	5.00	4.63	
50 Tetrahydrofuran	72	4.885	4.891	-0.006	64	4212	10.0	10.4	
51 Methacrylonitrile	67	4.903	4.909	-0.006	91	63971	50.0	49.3	
52 Chloroform	83	4.928	4.927	0.001	99	25102	5.00	4.74	
53 Cyclohexane	56	5.043	5.043	0.000	91	28855	5.00	4.76	
\$ 54 Dibromofluoromethane (Surr)	113	5.056	5.055	0.001	97	132792	50.0	49.2	
55 1,1,1-Trichloroethane	97	5.056	5.055	0.001	61	15484	5.00	4.01	
56 Carbon tetrachloride	117	5.153	5.153	0.000	95	9757	5.00	4.50	
57 1,1-Dichloropropene	75	5.165	5.171	-0.006	97	19668	5.00	4.69	
58 Isobutyl alcohol	43	5.245	5.251	-0.006	76	4959	125.0	98.5	
59 Isooctane	57	5.299	5.299	0.000	98	57006	5.00	5.32	
60 Benzene	78	5.330	5.336	-0.006	96	61640	5.00	5.13	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.336	5.342	-0.006	86	150110	50.0	48.7	
62 Isopropyl acetate	43	5.354	5.354	0.000	68	30028	5.00	3.96	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	92	11518	5.00	4.60	
64 1,2-Dichloroethane	62	5.397	5.403	-0.006	96	17737	5.00	4.80	
65 n-Heptane	71	5.427	5.433	-0.006	94	22227	5.00	5.64	
* 66 Fluorobenzene	96	5.549	5.555	-0.006	99	579822	50.0	50.0	
67 n-Butanol	56	5.763	5.763	0.000	81	3516	125.0	114.3	
68 Trichloroethene	95	5.836	5.842	-0.006	97	14314	5.00	4.52	
70 Ethyl acrylate	55	5.921	5.915	0.006	5	11580	5.00	3.56	a
69 Methylcyclohexane	83	5.952	5.952	0.000	95	29007	5.00	4.94	
71 1,2-Dichloropropane	63	6.086	6.092	-0.006	89	15797	5.00	4.92	
* 72 1,4-Dioxane-d8	96	6.122	6.128	-0.006	85	35901	1000.0	1000.0	
73 Methyl methacrylate	100	6.122	6.128	-0.006	90	5052	10.0	7.61	
74 n-Propyl acetate	43	6.165	6.165	0.000	98	11936	5.00	3.59	
76 1,4-Dioxane	88	6.171	6.177	-0.006	35	3742	100.0	97.3	
75 Dibromomethane	93	6.202	6.202	0.000	95	8917	5.00	4.74	
77 Dichlorobromomethane	83	6.324	6.330	-0.006	99	12315	5.00	4.09	
78 2-Chloroethyl vinyl ether	63	6.592	6.598	-0.006	97	8972	5.01	4.86	
79 2-Nitropropane	41	6.610	6.610	0.000	93	2501	10.0	9.27	
80 Epichlorohydrin	57	6.695	6.701	-0.006	99	21143	100.0	88.2	
81 cis-1,3-Dichloropropene	75	6.738	6.738	0.000	93	14742	5.00	4.10	
82 4-Methyl-2-pentanone (MIBK)	43	6.848	6.854	-0.006	96	68186	25.0	25.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	99	499791	50.0	50.9	
84 Toluene	91	6.982	6.982	0.000	93	60380	5.00	5.08	
85 trans-1,3-Dichloropropene	75	7.201	7.201	0.000	90	10117	5.00	3.87	
86 Ethyl methacrylate	69	7.201	7.201	0.000	82	10640	5.00	3.09	
87 1,1,2-Trichloroethane	83	7.342	7.348	-0.006	96	10147	5.00	5.00	
88 Tetrachloroethene	166	7.390	7.390	0.000	97	13853	5.00	4.96	
89 1,3-Dichloropropane	76	7.476	7.476	0.000	92	20612	5.00	4.93	
90 2-Hexanone	43	7.494	7.494	0.000	97	41324	25.0	24.4	
91 n-Butyl acetate	73	7.549	7.543	0.006	97	2134	5.00	3.39	
92 Chlorodibromomethane	129	7.616	7.622	-0.006	97	6786	5.00	4.07	
93 Ethylene Dibromide	107	7.720	7.720	0.000	100	8131	5.00	3.87	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	86	389036	50.0	50.0	
95 Chlorobenzene	112	8.018	8.018	0.000	94	37101	5.00	5.04	
96 Ethylbenzene	106	8.061	8.061	0.000	98	20231	5.00	4.67	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	74	7132	5.00	4.27	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	98	25709	5.00	4.92	
99 n-Butyl acrylate	73	8.335	8.335	0.000	98	4885	5.00	2.95	
100 o-Xylene	106	8.390	8.384	0.006	94	25366	5.00	4.77	
101 Styrene	104	8.402	8.402	0.000	97	41201	5.00	5.03	
102 Amyl acetate (mixed isomers)	43	8.469	8.469	0.000	91	12096	5.00	2.59	
103 Bromoform	173	8.549	8.543	0.006	95	3780	5.00	4.71	
104 Isopropylbenzene	105	8.591	8.591	0.000	95	69231	5.00	4.94	
\$ 105 4-Bromofluorobenzene	174	8.726	8.719	0.007	94	141984	50.0	49.9	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.805	0.006	97	14914	5.00	4.36	
107 Bromobenzene	156	8.817	8.811	0.006	98	16189	5.00	4.84	
108 N-Propylbenzene	91	8.829	8.829	0.000	99	83042	5.00	4.85	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.841	0.006	70	3663	5.00	4.48	
110 1,2,3-Trichloropropane	110	8.847	8.847	0.000	94	4817	5.00	4.79	
111 4-Ethyltoluene	105	8.896	8.890	0.006	98	70467	5.00	4.86	
112 2-Chlorotoluene	91	8.908	8.908	0.000	96	59947	5.00	4.82	
113 1,3,5-Trimethylbenzene	105	8.927	8.927	0.000	92	58351	5.00	4.71	
114 Butyl Methacrylate	87	8.957	8.951	0.006	91	9419	5.00	2.29	
115 4-Chlorotoluene	91	8.975	8.969	0.006	97	48263	5.00	5.04	
116 tert-Butylbenzene	119	9.110	9.103	0.007	93	44777	5.00	4.71	
117 1,2,4-Trimethylbenzene	105	9.146	9.140	0.006	97	60385	5.00	4.76	
118 sec-Butylbenzene	105	9.238	9.231	0.007	99	73758	5.00	4.64	
119 4-Isopropyltoluene	119	9.311	9.305	0.006	98	62715	5.00	4.63	
120 1,3-Dichlorobenzene	146	9.341	9.335	0.006	96	32129	5.00	4.84	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.378	0.006	96	219115	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.390	0.006	72	33710	5.00	5.00	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	97	63929	5.00	4.69	
124 Benzyl chloride	91	9.481	9.475	0.006	98	11608	5.00	4.57	
125 2,3-Dihydroindene	117	9.530	9.524	0.006	91	68453	5.00	4.76	
126 p-Diethylbenzene	119	9.536	9.530	0.006	92	38963	5.00	4.84	
127 n-Butylbenzene	92	9.555	9.549	0.007	97	37380	5.00	4.91	
128 1,2-Dichlorobenzene	146	9.634	9.628	0.006	96	34205	5.00	4.94	
129 1,2,4,5-Tetramethylbenzene	119	10.048	10.042	0.006	97	60719	5.00	4.91	
130 1,2-Dibromo-3-Chloropropane	75	10.158	10.158	0.000	66	1193	5.00	2.93	
131 1,3,5-Trichlorobenzene	180	10.268	10.256	0.012	96	27403	5.00	5.02	
132 1,2,4-Trichlorobenzene	180	10.780	10.768	0.012	92	20527	5.00	4.83	
133 Hexachlorobutadiene	225	10.853	10.847	0.006	96	8890	5.00	4.39	
134 Naphthalene	128	11.024	11.018	0.006	100	36636	5.00	4.73	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	11.249	11.243	0.006	93	13341	5.00	4.84	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.46	
S 137 Xylenes, Total	100				0		10.0	9.69	
S 138 Total BTEX	1				0		25.0	24.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 10.00	Units: uL	
524freon_00023	Amount Added: 10.00	Units: uL	
GASES Li_00371	Amount Added: 10.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

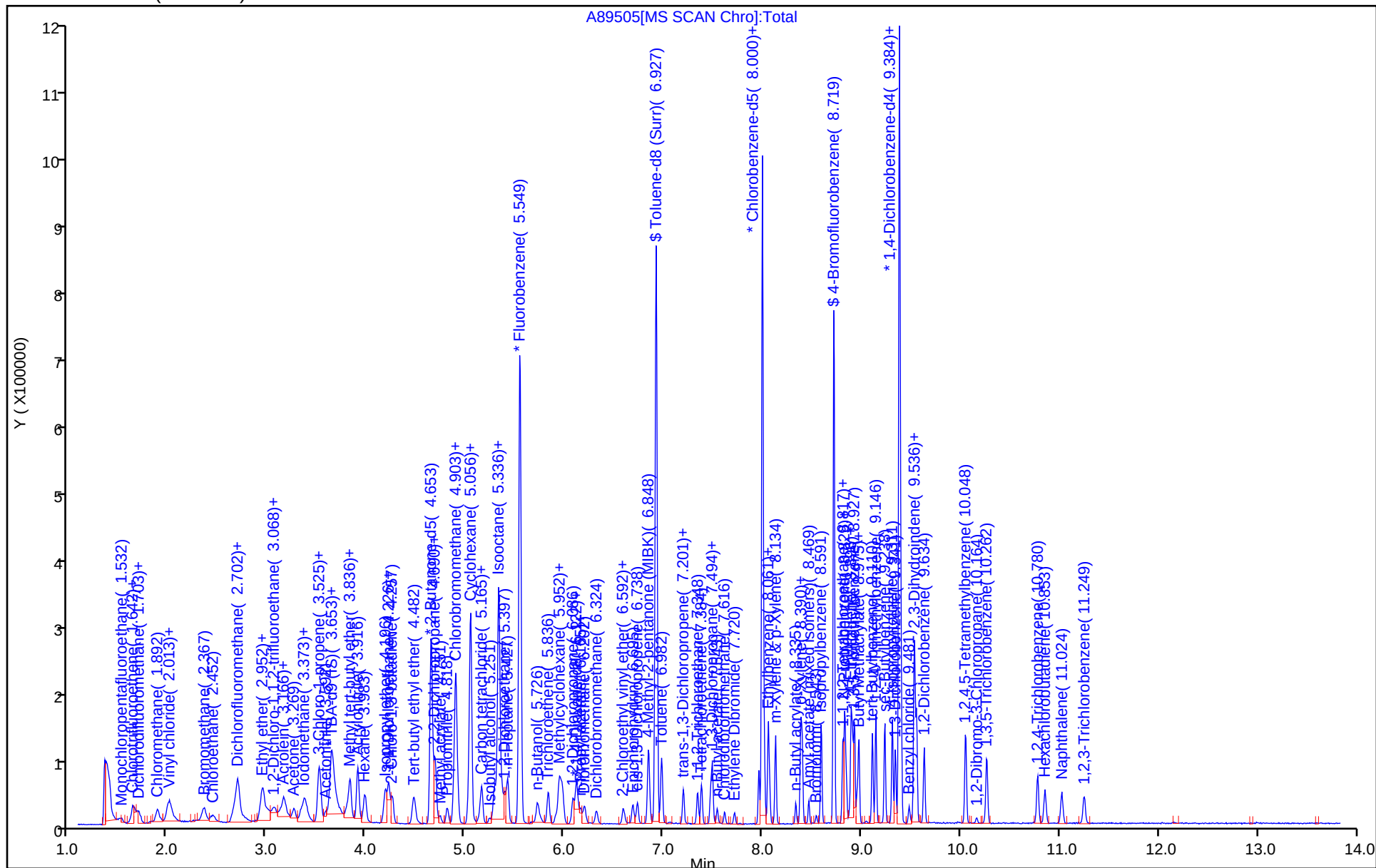
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

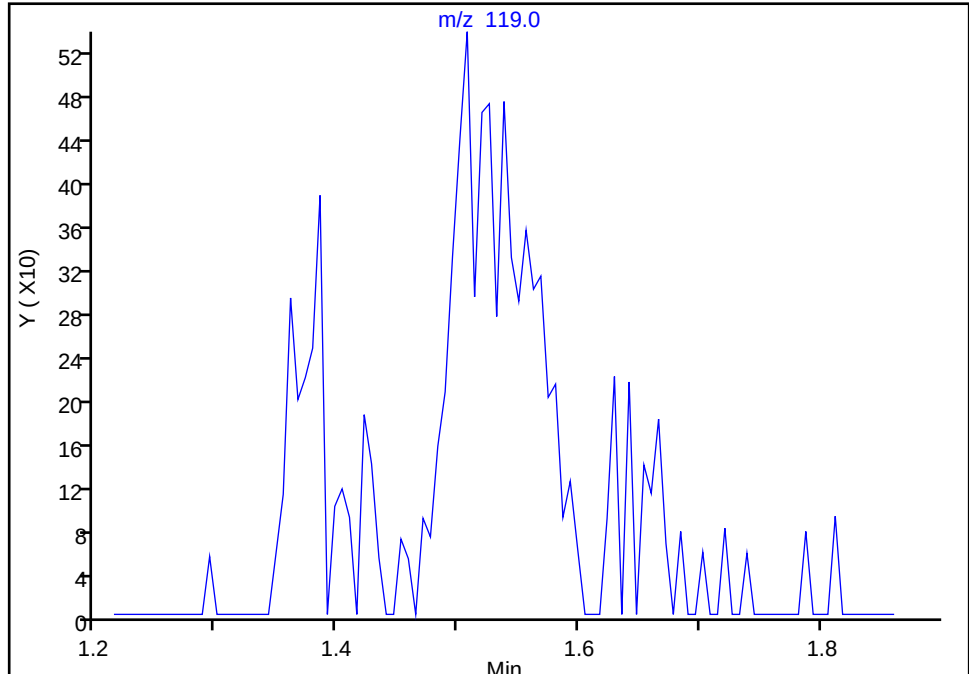
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

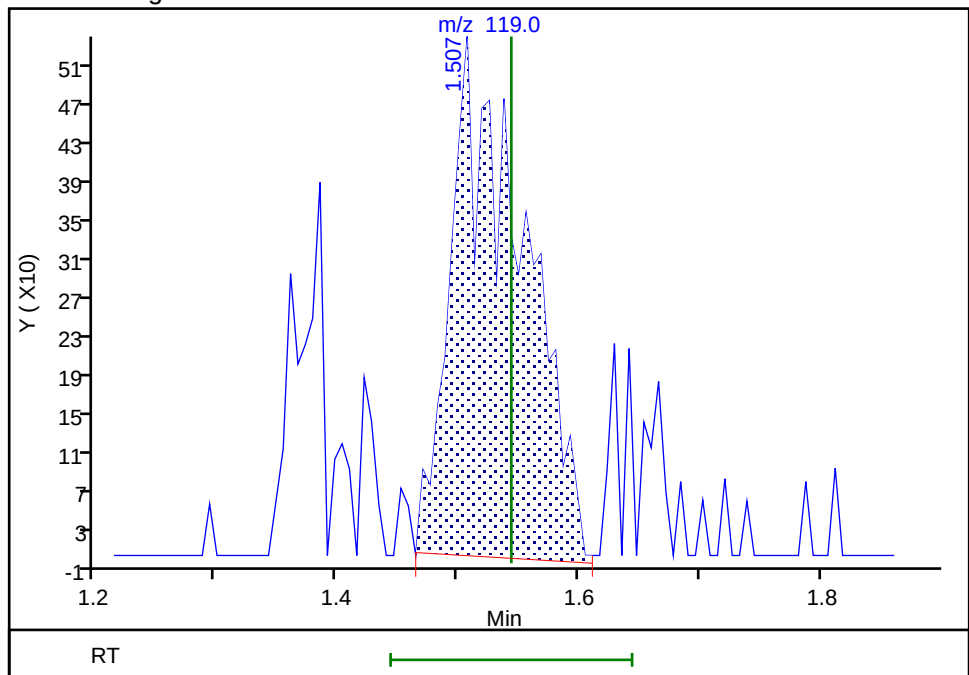
Not Detected

Expected RT: 1.54

Processing Integration Results



Manual Integration Results



RT: 1.51

Area: 2229

Amount: 6.176161

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:41:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

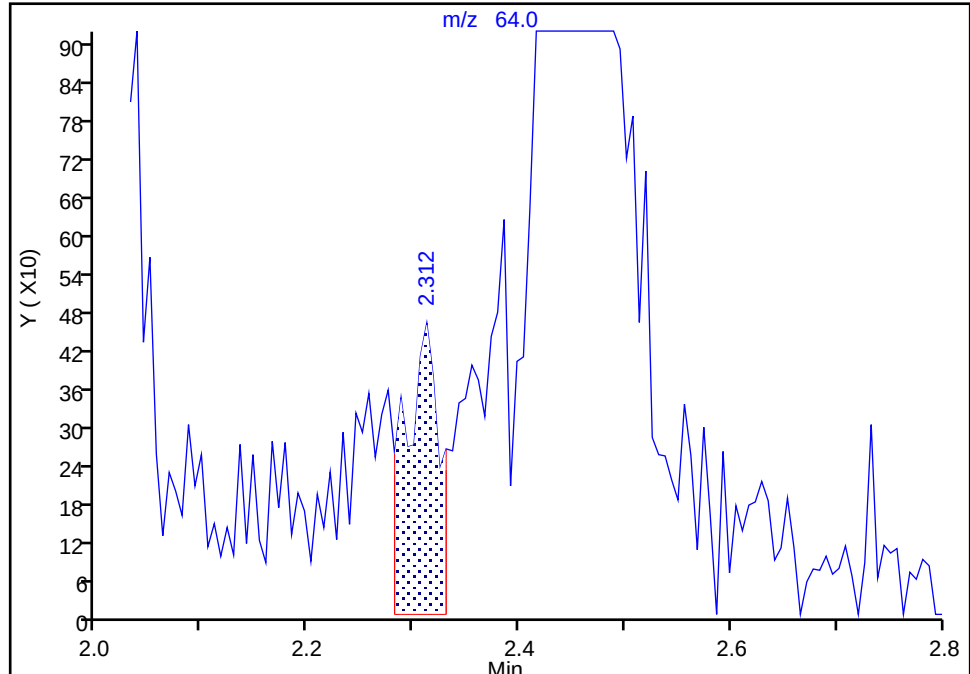
Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

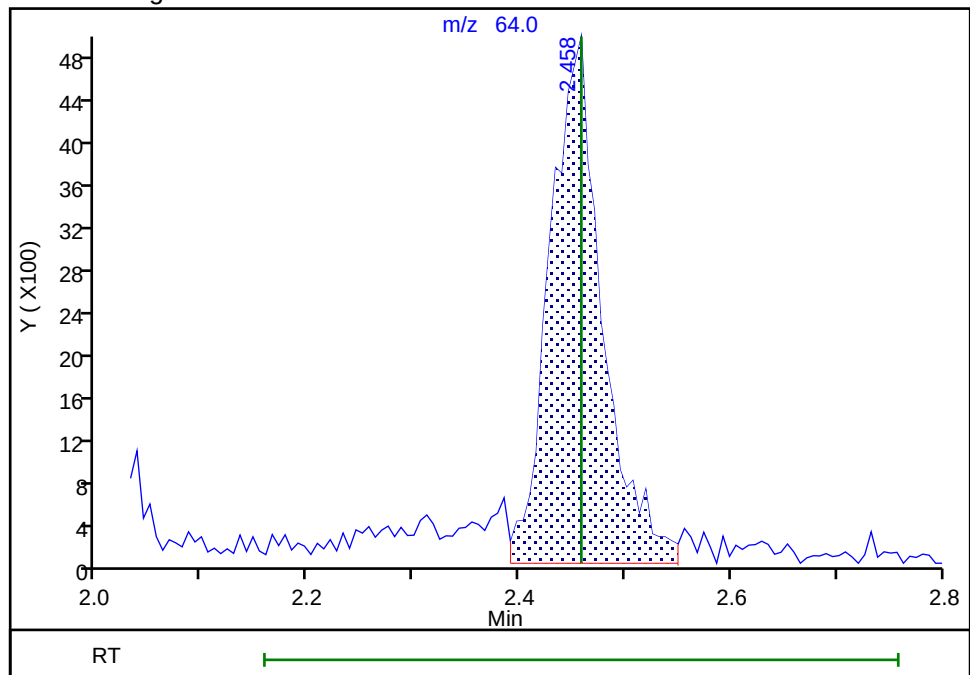
RT: 2.31
Area: 1037
Amount: 0.355891
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 17146
Amount: 5.326483
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:41:13

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

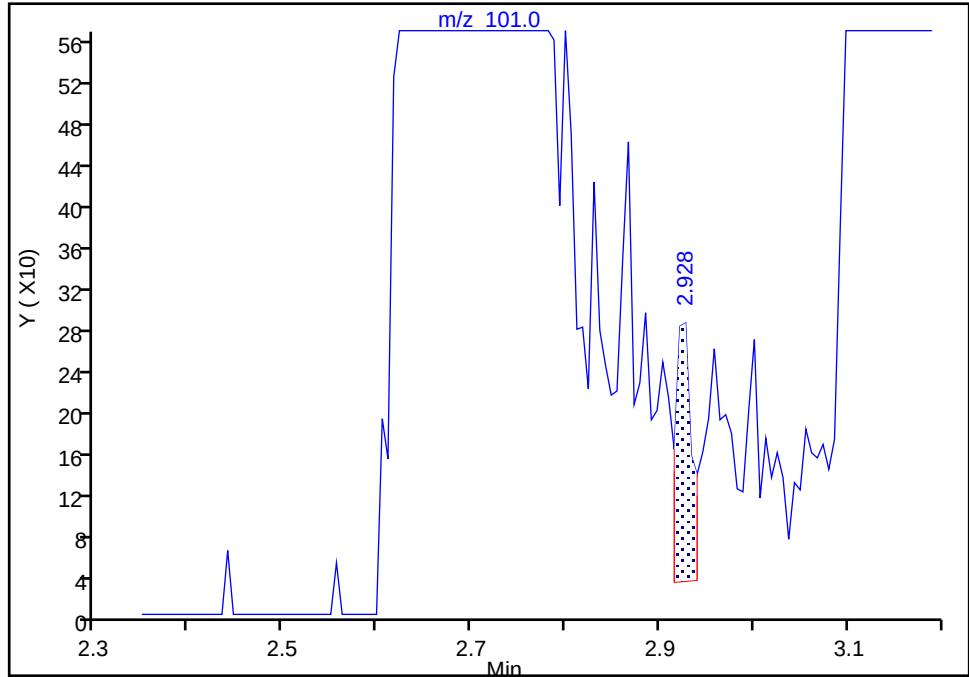
MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

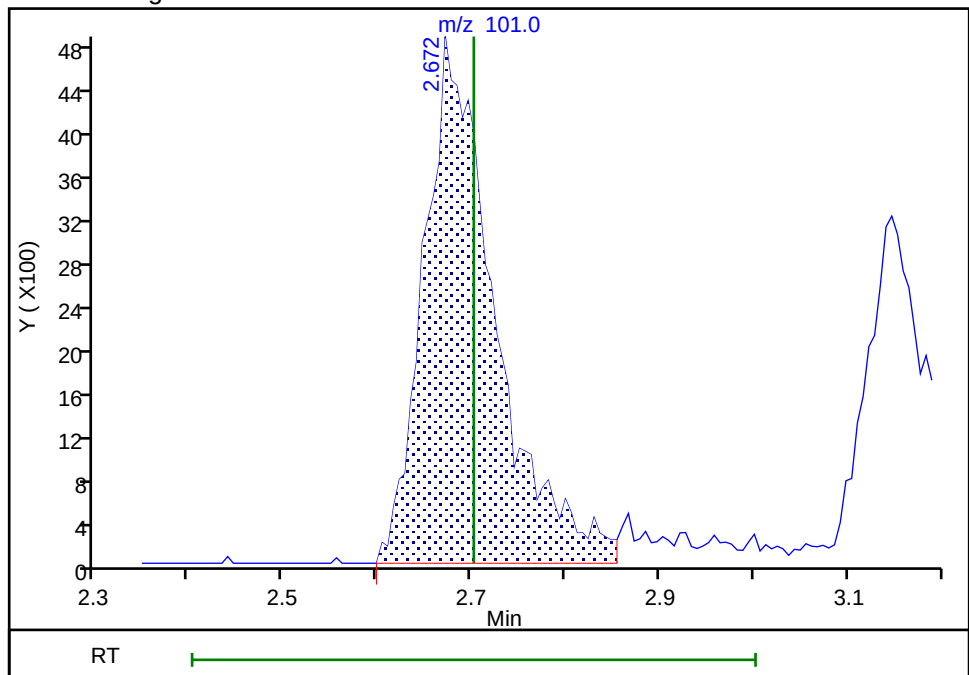
RT: 2.93
Area: 312
Amount: 0.074927
Amount Units: ug/l

Processing Integration Results



RT: 2.67
Area: 25407
Amount: 4.833162
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:41:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

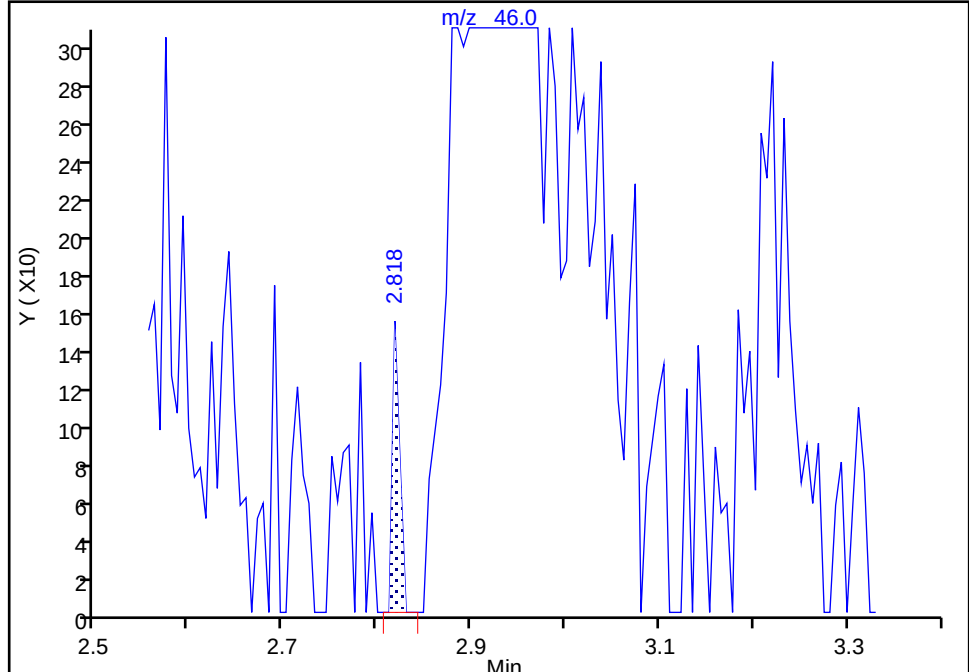
Detector: MS SCAN

15 Ethanol, CAS: 64-17-5

Signal: 1

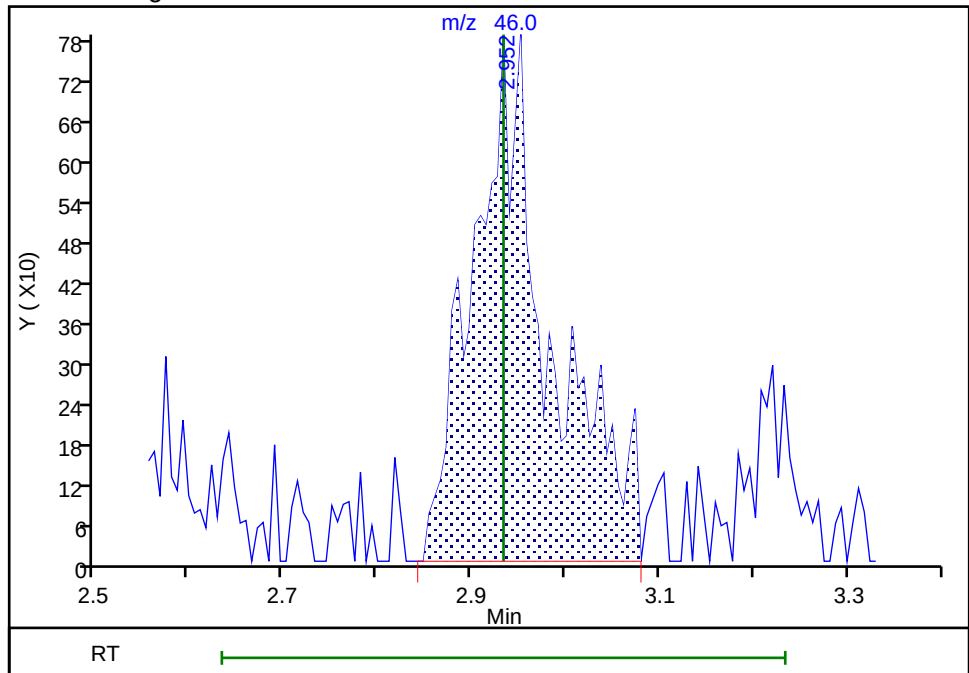
RT: 2.82
Area: 84
Amount: 5.837612
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 4465
Amount: 246.0286
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:41:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

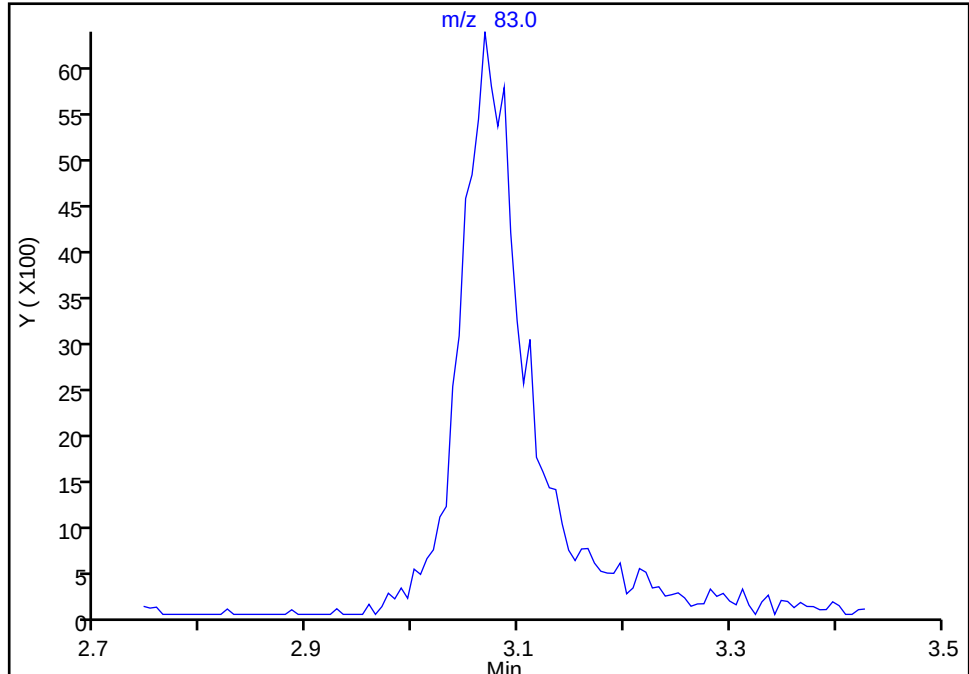
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Injection Date: 11-Jun-2020 02:52:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

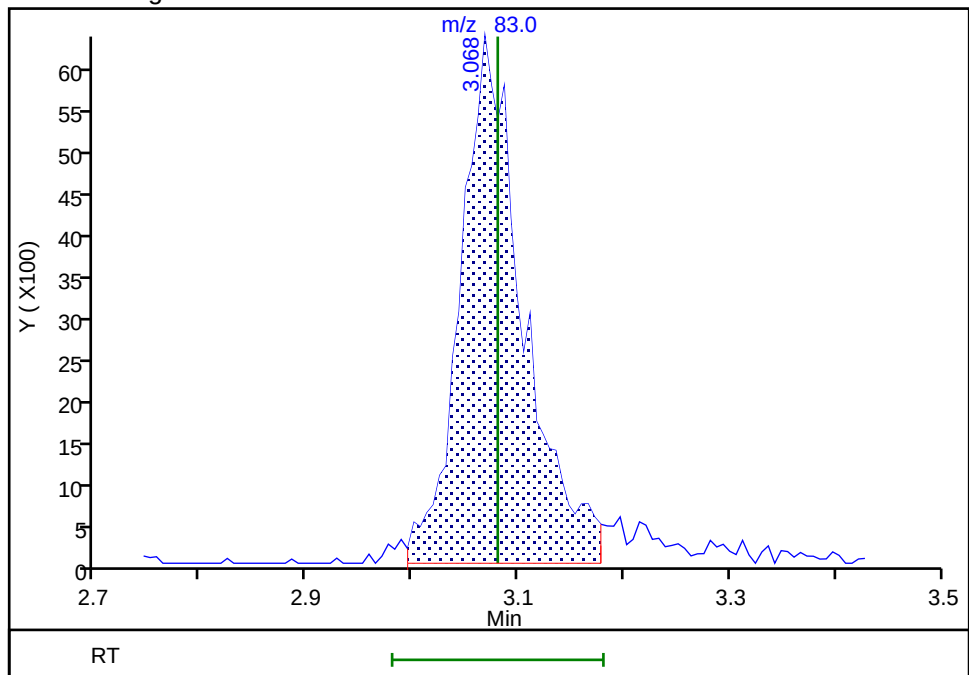
Signal: 1

Not Detected
Expected RT: 3.08

Processing Integration Results



Manual Integration Results



RT: 3.07
Area: 26041
Amount: 4.805458
Amount Units: ug/l

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

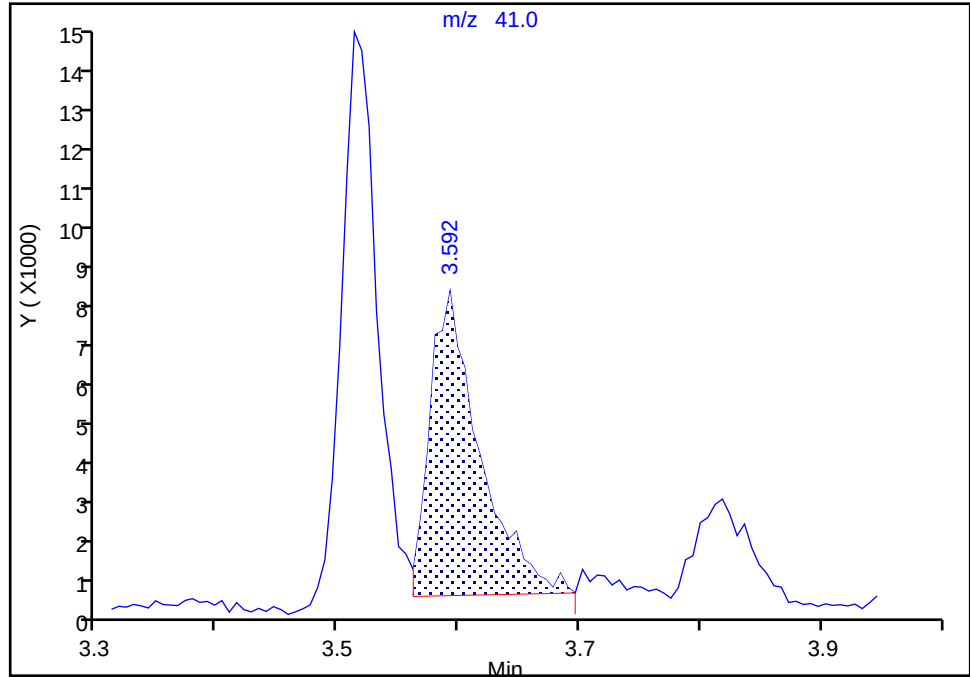
Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

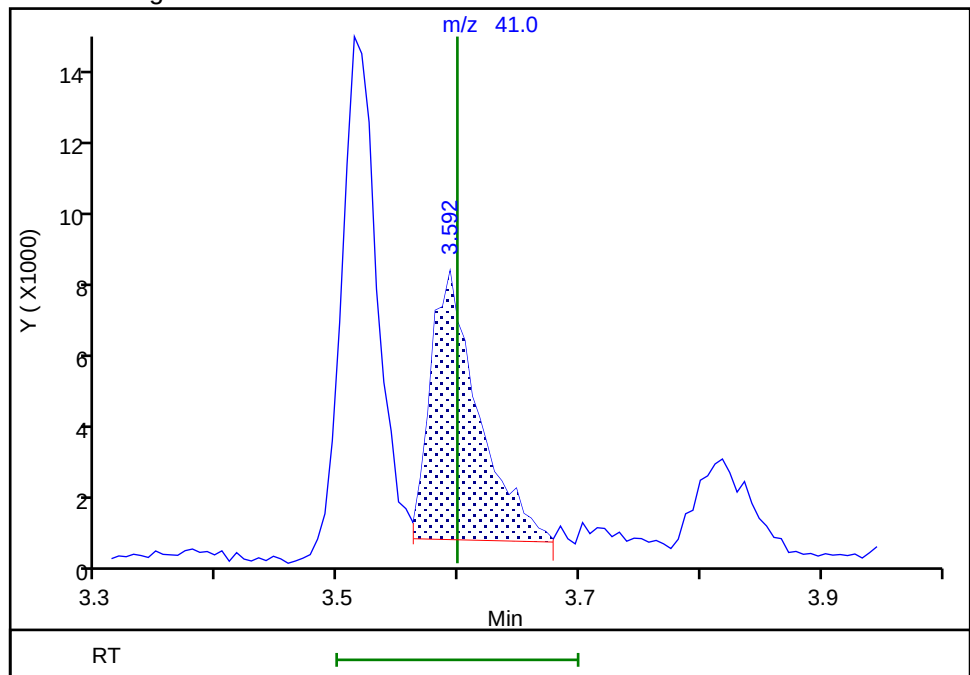
RT: 3.59
Area: 22271
Amount: 74.713768
Amount Units: ug/l

Processing Integration Results



RT: 3.59
Area: 20935
Amount: 56.985146
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:57:55

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

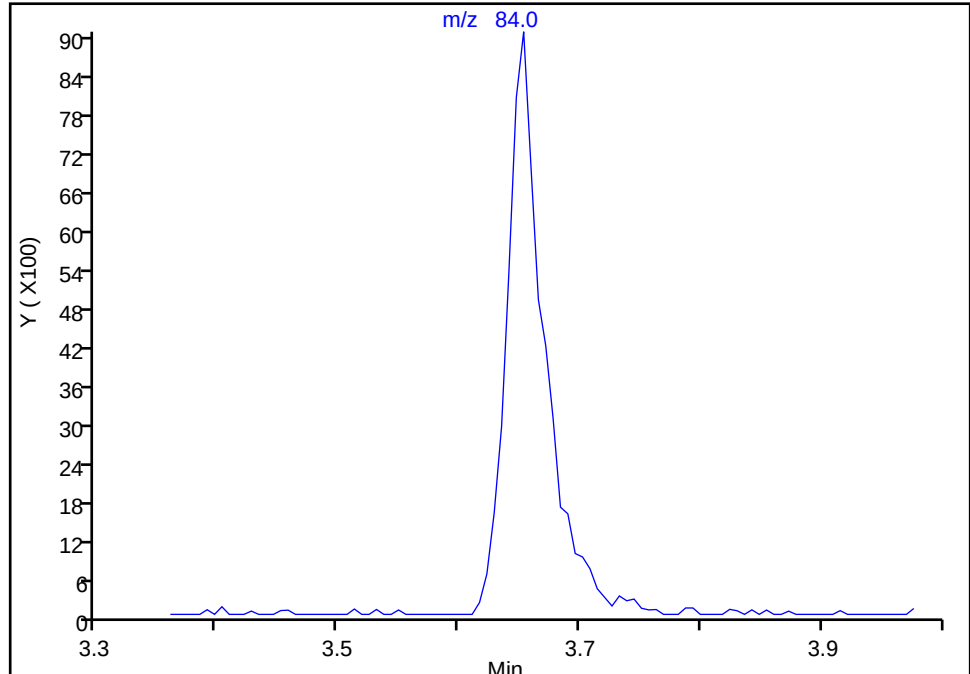
30 Methylene Chloride, CAS: 75-09-2

Signal: 1

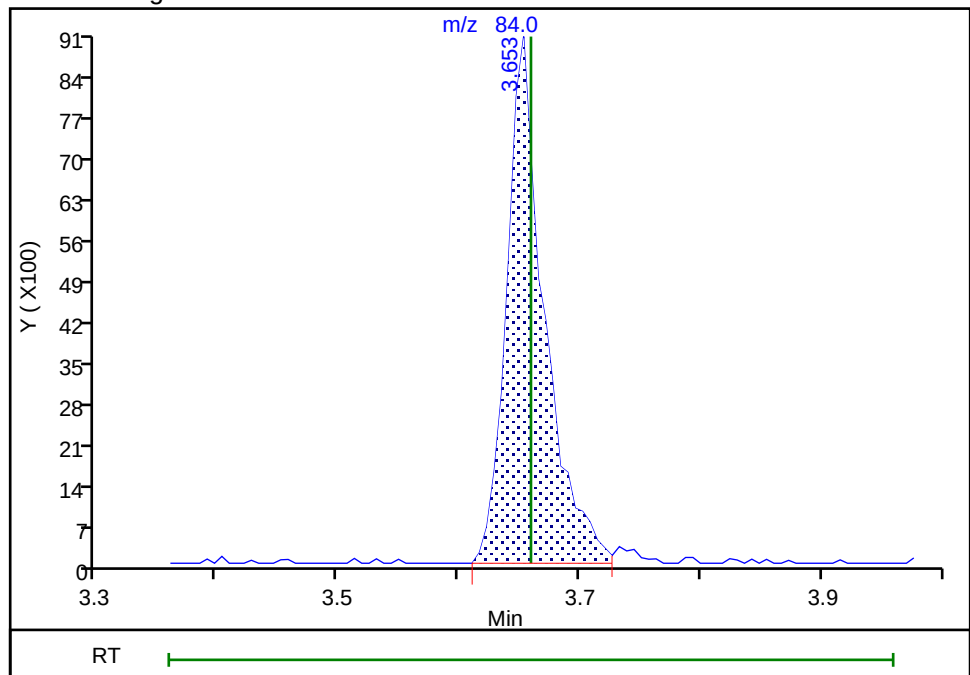
Not Detected

Expected RT: 3.66

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:41:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

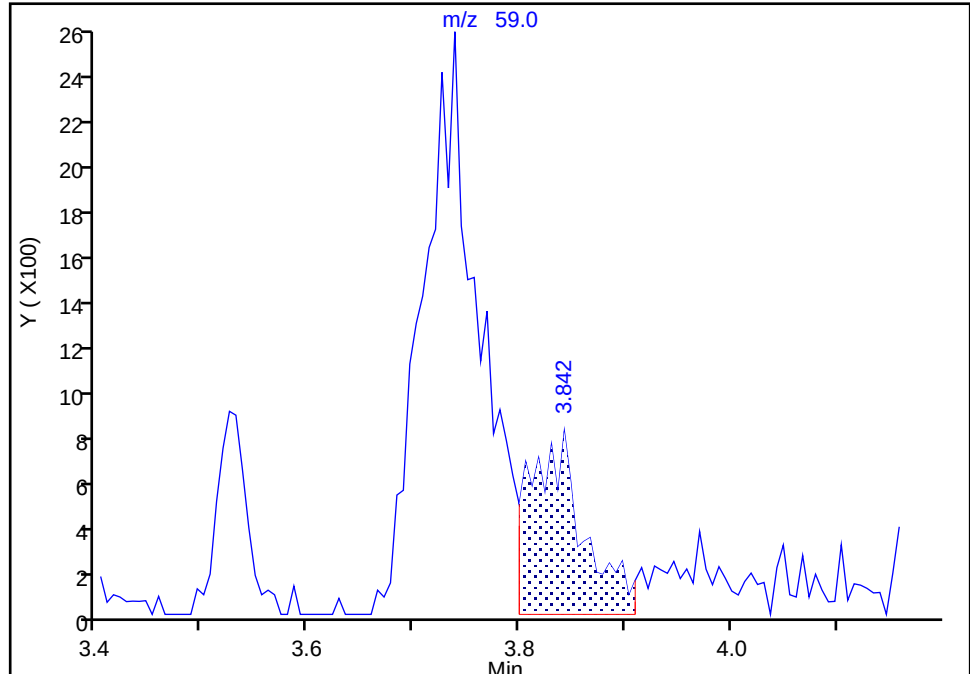
MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

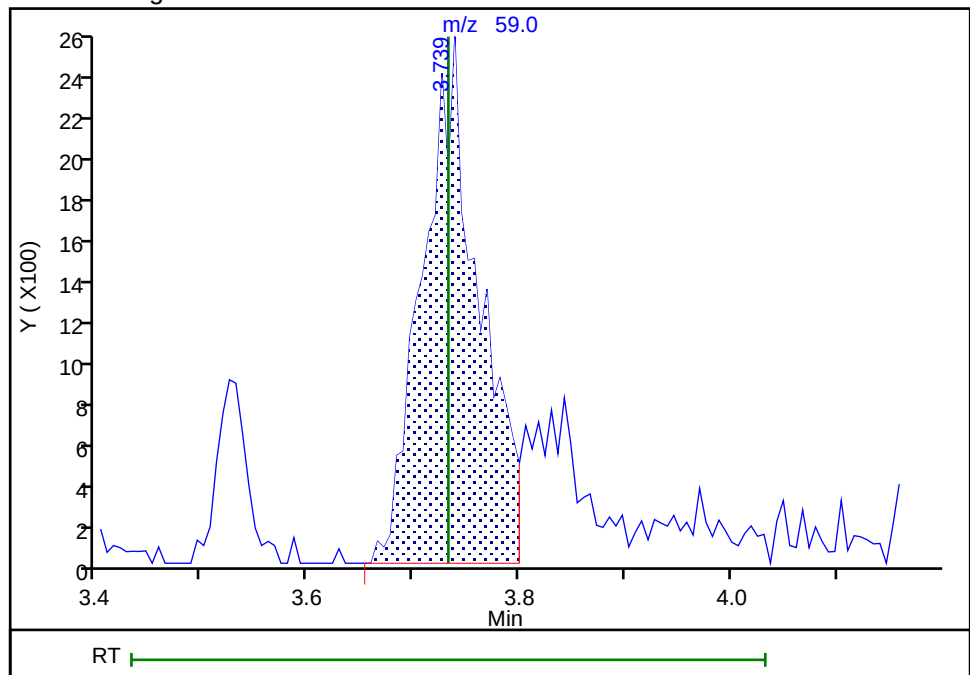
RT: 3.84
Area: 2832
Amount: 14.110879
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 9465
Amount: 42.077408
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:41:52

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89505.D

Injection Date: 11-Jun-2020 02:52:30

Instrument ID: CVOAMS1

Lims ID: STD5

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

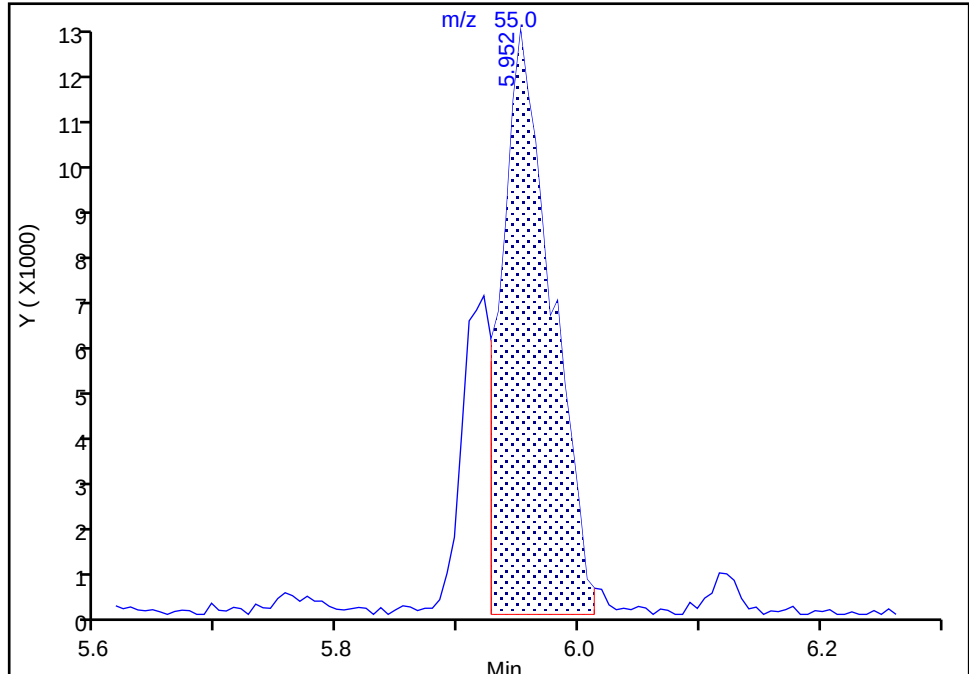
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

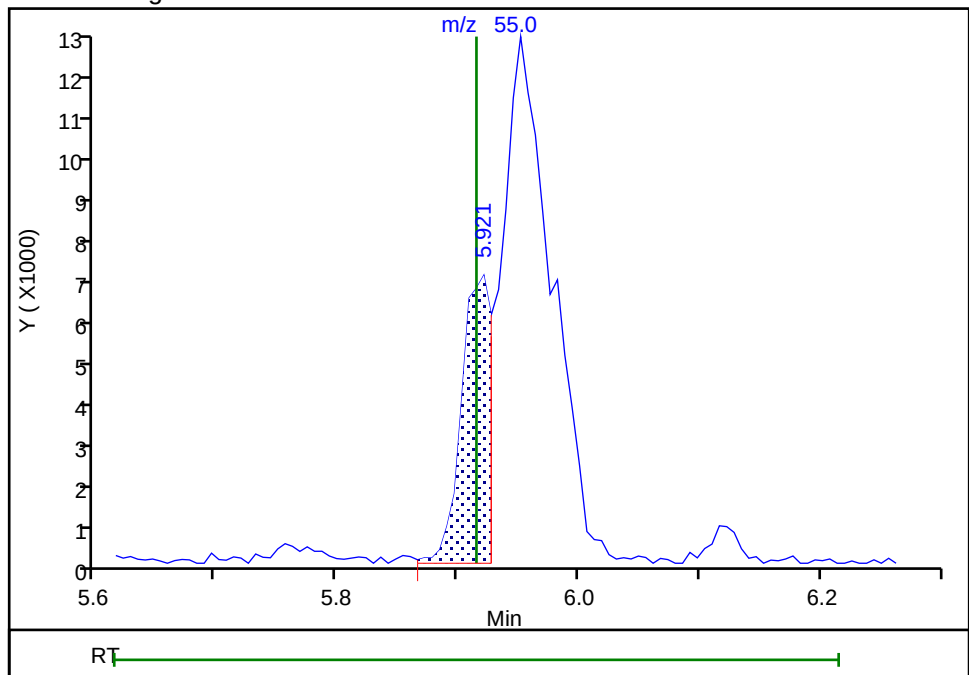
RT: 5.95
Area: 35236
Amount: 10.759003
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 11580
Amount: 3.559738
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:42:10

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89506.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 11-Jun-2020 03:15:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0111447-006
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:46:32 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 04:04:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.544	1.544	0.000	84	7875	20.0	22.1	
2 Chlorotrifluoroethene	116	1.642	1.642	0.000	62	32395	20.0	21.5	a
3 1,1-Difluoroethane	51	1.660	1.660	0.000	93	73944	20.0	20.7	
4 Dichlorodifluoromethane	85	1.684	1.684	0.000	81	101869	20.0	20.7	
5 Chlorodifluoromethane	51	1.709	1.709	0.000	98	85916	20.0	19.5	
6 Chloromethane	50	1.904	1.904	0.000	99	112317	20.0	19.1	
8 Vinyl chloride	62	2.013	2.013	0.000	98	106595	20.0	18.8	
7 Butadiene	39	2.026	2.026	0.000	96	89775	20.0	19.2	
9 Bromomethane	94	2.367	2.367	0.000	98	73128	20.0	18.8	
10 Chloroethane	64	2.465	2.465	0.000	99	57230	20.0	18.0	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	92	128410	20.0	18.4	
12 Trichlorofluoromethane	101	2.696	2.696	0.000	73	96672	20.0	18.7	
13 Pentane	72	2.708	2.708	0.000	97	23649	40.0	34.9	
15 Ethanol	46	2.934	2.934	0.000	85	16025	800.0	724.0	
14 Ethyl ether	59	2.940	2.940	0.000	93	51855	20.0	18.6	
16 2-Methyl-1,3-butadiene	53	2.964	2.964	0.000	96	59858	20.0	18.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.019	3.019	0.000	80	67872	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.074	3.074	0.000	94	105752	20.0	19.8	a
19 Acrolein	56	3.135	3.135	0.000	93	6796	40.0	45.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.153	0.000	92	68152	20.0	19.2	
21 1,1-Dichloroethene	96	3.178	3.178	0.000	98	63491	20.0	18.9	
22 Acetone	58	3.275	3.275	0.000	88	32429	100.0	85.2	
23 Iodomethane	142	3.349	3.349	0.000	96	115351	20.0	18.8	
24 Carbon disulfide	76	3.385	3.385	0.000	99	248658	20.0	18.9	
25 Isopropyl alcohol	45	3.385	3.385	0.000	36	47157	200.0	241.5	
26 3-Chloro-1-propene	76	3.519	3.519	0.000	94	42122	20.0	17.6	
27 Methyl acetate	43	3.531	3.531	0.000	73	84688	40.0	36.4	
28 Cyclopentene	67	3.538	3.538	0.000	93	169287	20.0	19.0	
29 Acetonitrile	41	3.599	3.599	0.000	99	81552	200.0	182.0	
* 31 TBA-d9 (IS)	65	3.666	3.666	0.000	89	285585	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.653	3.653	0.000	93	77534	20.0	18.9	
32 2-Methyl-2-propanol	59	3.739	3.739	0.000	91	50307	200.0	183.4	
33 Methyl tert-butyl ether	73	3.824	3.824	0.000	98	151031	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.842	3.842	0.000	95	65667	20.0	18.6	
35 Acrylonitrile	53	3.922	3.922	0.000	95	245061	200.0	189.2	
36 Hexane	43	3.989	3.989	0.000	94	54393	20.0	19.9	
37 Isopropyl ether	45	4.196	4.196	0.000	96	200798	20.0	19.5	
38 1,1-Dichloroethane	63	4.226	4.226	0.000	99	106261	20.0	18.3	
39 Vinyl acetate	86	4.239	4.239	0.000	99	14865	40.0	31.2	
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	91	53533	20.0	18.8	
41 Tert-butyl ethyl ether	59	4.489	4.489	0.000	90	158932	20.0	19.5	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	88	297211	250.0	250.0	
43 2,2-Dichloropropane	97	4.678	4.678	0.000	70	12973	20.0	16.0	
44 cis-1,2-Dichloroethene	96	4.690	4.690	0.000	96	67765	20.0	18.4	
45 Ethyl acetate	70	4.702	4.702	0.000	92	9856	40.0	34.2	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	97	34544	100.0	94.9	
47 Methyl acrylate	55	4.751	4.751	0.000	99	42447	20.0	18.3	
48 Propionitrile	54	4.824	4.824	0.000	99	91495	200.0	188.7	
49 Chlorobromomethane	128	4.885	4.885	0.000	85	31624	20.0	18.1	
50 Tetrahydrofuran	72	4.891	4.891	0.000	64	15334	40.0	37.6	
51 Methacrylonitrile	67	4.909	4.909	0.000	91	253625	200.0	198.3	
52 Chloroform	83	4.928	4.928	0.000	99	98467	20.0	18.9	
53 Cyclohexane	56	5.043	5.043	0.000	91	118056	20.0	19.8	
\$ 54 Dibromofluoromethane (Surr)	113	5.056	5.056	0.000	97	132592	50.0	49.9	
55 1,1,1-Trichloroethane	97	5.056	5.056	0.000	81	67488	20.0	17.8	
56 Carbon tetrachloride	117	5.153	5.153	0.000	97	39699	20.0	18.7	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	99	77485	20.0	18.7	
58 Isobutyl alcohol	43	5.251	5.251	0.000	95	21823	500.0	348.6	
59 Isooctane	57	5.299	5.299	0.000	98	217447	20.0	20.6	
60 Benzene	78	5.330	5.330	0.000	94	237313	20.0	19.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	87	147290	50.0	48.5	
62 Isopropyl acetate	43	5.354	5.354	0.000	97	140216	20.0	18.8	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	90	45714	20.0	18.5	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	96	68239	20.0	18.7	
65 n-Heptane	71	5.434	5.434	0.000	92	71189	20.0	18.3	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	571290	50.0	50.0	
67 n-Butanol	56	5.763	5.763	0.000	92	13684	500.0	358.1	
68 Trichloroethene	95	5.842	5.842	0.000	99	56308	20.0	18.1	
70 Ethyl acrylate	55	5.915	5.915	0.000	40	46639	20.0	14.4	a
69 Methylcyclohexane	83	5.952	5.952	0.000	97	112975	20.0	19.5	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	94	57118	20.0	18.1	
* 72 1,4-Dioxane-d8	96	6.122	6.122	0.000	94	35090	1000.0	1000.0	
73 Methyl methacrylate	100	6.129	6.129	0.000	85	22966	40.0	35.1	
74 n-Propyl acetate	43	6.165	6.165	0.000	97	58672	20.0	17.9	
76 1,4-Dioxane	88	6.177	6.177	0.000	35	15129	400.0	402.4	
75 Dibromomethane	93	6.202	6.202	0.000	96	34052	20.0	18.4	
77 Dichlorobromomethane	83	6.330	6.330	0.000	98	51469	20.0	17.4	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	95	34216	20.0	18.8	
79 2-Nitropropane	41	6.610	6.610	0.000	78	9574	40.0	40.8	
80 Epichlorohydrin	57	6.695	6.695	0.000	100	89369	400.0	372.1	
81 cis-1,3-Dichloropropene	75	6.738	6.738	0.000	92	61502	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	96	273378	100.0	103.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	100	498167	50.0	51.2	
84 Toluene	91	6.982	6.982	0.000	93	235757	20.0	20.1	
86 Ethyl methacrylate	69	7.201	7.201	0.000	83	49722	20.0	14.6	
85 trans-1,3-Dichloropropene	75	7.201	7.201	0.000	92	46556	20.0	18.0	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	96	38631	20.0	19.2	
88 Tetrachloroethene	166	7.384	7.384	0.000	97	51642	20.0	18.7	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	92	82332	20.0	19.9	
90 2-Hexanone	43	7.494	7.494	0.000	96	169935	100.0	100.0	
91 n-Butyl acetate	73	7.543	7.543	0.000	98	9919	20.0	15.9	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	28010	20.0	17.0	
93 Ethylene Dibromide	107	7.720	7.720	0.000	97	38208	20.0	18.4	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	86	384875	50.0	50.0	
95 Chlorobenzene	112	8.018	8.018	0.000	97	141597	20.0	19.5	
96 Ethylbenzene	106	8.061	8.061	0.000	98	83501	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	82	31258	20.0	18.7	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	99	101986	20.0	19.7	
99 n-Butyl acrylate	73	8.335	8.335	0.000	97	23222	20.0	14.1	
100 o-Xylene	106	8.390	8.390	0.000	94	103490	20.0	19.7	
101 Styrene	104	8.402	8.402	0.000	95	162657	20.0	20.1	
102 Amyl acetate (mixed isomers)	43	8.470	8.470	0.000	90	61689	20.0	13.8	
103 Bromoform	173	8.543	8.543	0.000	94	14960	20.0	18.3	
104 Isopropylbenzene	105	8.591	8.591	0.000	95	275658	20.0	19.9	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	89	142924	50.0	50.8	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	98	63017	20.0	19.2	
107 Bromobenzene	156	8.811	8.811	0.000	97	61126	20.0	19.1	
108 N-Propylbenzene	91	8.829	8.829	0.000	99	331276	20.0	20.2	
109 trans-1,4-Dichloro-2-butene	53	8.841	8.841	0.000	67	13858	20.0	17.7	
110 1,2,3-Trichloropropane	110	8.847	8.847	0.000	92	18792	20.0	19.5	
111 4-Ethyltoluene	105	8.890	8.890	0.000	98	287570	20.0	20.7	
112 2-Chlorotoluene	91	8.908	8.908	0.000	96	241182	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	8.927	8.927	0.000	93	239649	20.0	20.2	
114 Butyl Methacrylate	87	8.957	8.957	0.000	88	50268	20.0	12.8	
115 4-Chlorotoluene	91	8.969	8.969	0.000	98	190719	20.0	20.8	
116 tert-Butylbenzene	119	9.110	9.110	0.000	94	179888	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	9.140	9.140	0.000	98	240129	20.0	19.8	
118 sec-Butylbenzene	105	9.232	9.232	0.000	99	302755	20.0	19.9	
119 4-Isopropyltoluene	119	9.311	9.311	0.000	98	257179	20.0	19.8	
120 1,3-Dichlorobenzene	146	9.341	9.341	0.000	96	125599	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	9.378	9.378	0.000	97	209761	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.396	0.000	72	126500	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	97	256475	20.0	19.7	
124 Benzyl chloride	91	9.475	9.475	0.000	98	45539	20.0	18.1	
125 2,3-Dihydroindene	117	9.530	9.530	0.000	92	273440	20.0	19.9	
126 p-Diethylbenzene	119	9.536	9.536	0.000	92	154879	20.0	20.1	
127 n-Butylbenzene	92	9.555	9.555	0.000	98	149651	20.0	20.5	
128 1,2-Dichlorobenzene	146	9.628	9.628	0.000	96	130333	20.0	19.7	
129 1,2,4,5-Tetramethylbenzene	119	10.048	10.048	0.000	98	245547	20.0	20.7	
130 1,2-Dibromo-3-Chloropropane	75	10.158	10.158	0.000	79	4953	20.0	12.6	
131 1,3,5-Trichlorobenzene	180	10.262	10.262	0.000	97	106105	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	10.774	10.774	0.000	94	78567	20.0	19.3	
133 Hexachlorobutadiene	225	10.847	10.847	0.000	95	37147	20.0	19.1	
134 Naphthalene	128	11.018	11.018	0.000	99	149442	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
135 1,2,3-Trichlorobenzene	180	11.243	11.243	0.000	96	51645	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.0	
S 137 Xylenes, Total	100				0		40.0	39.4	
S 138 Total BTEX	1				0		100.0	98.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 20.00	Units: uL	
524freon_00023	Amount Added: 20.00	Units: uL	
ACROLEIN W_00107	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89506.D

Injection Date: 11-Jun-2020 03:15:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

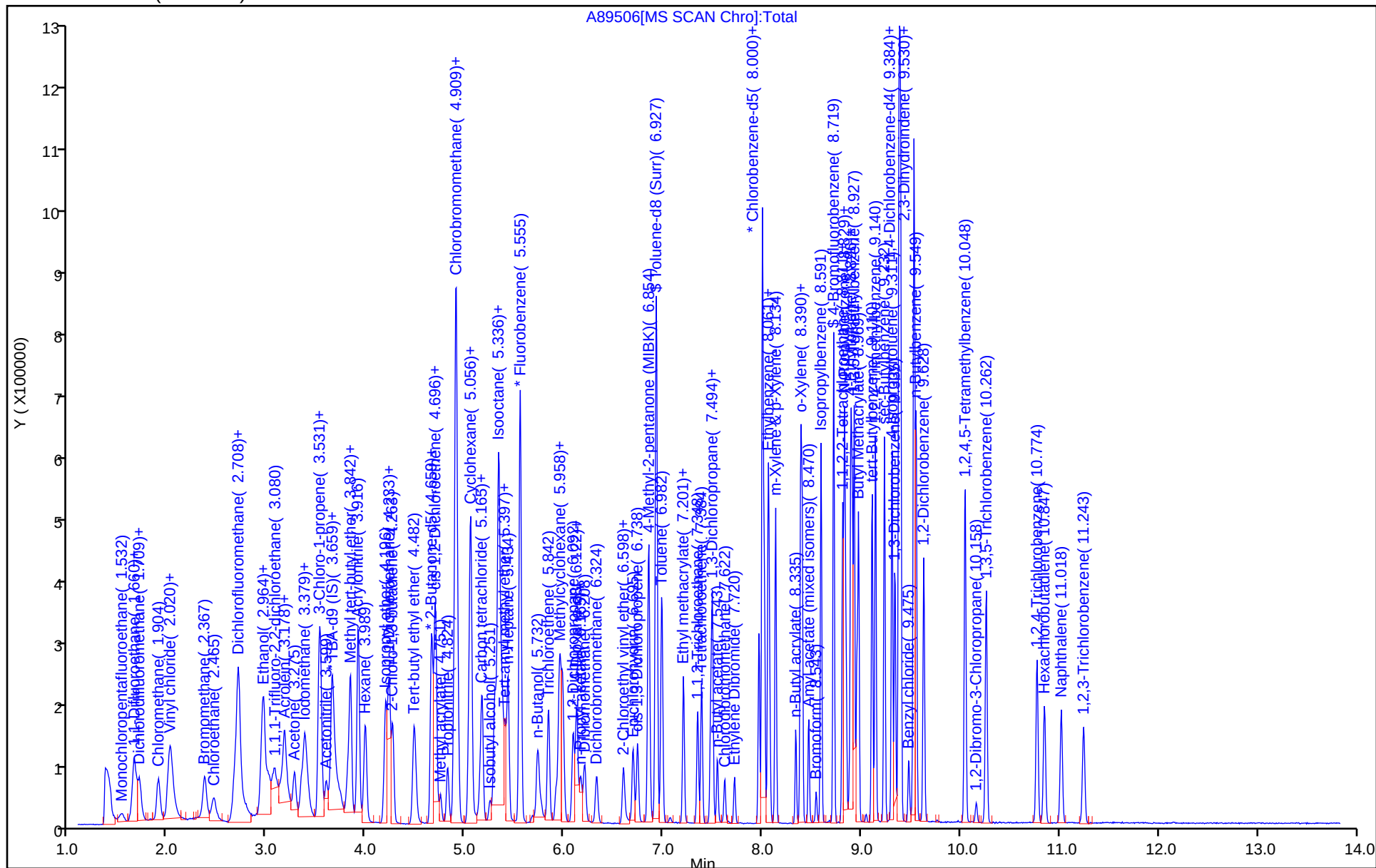
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89506.D

Injection Date: 11-Jun-2020 03:15:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

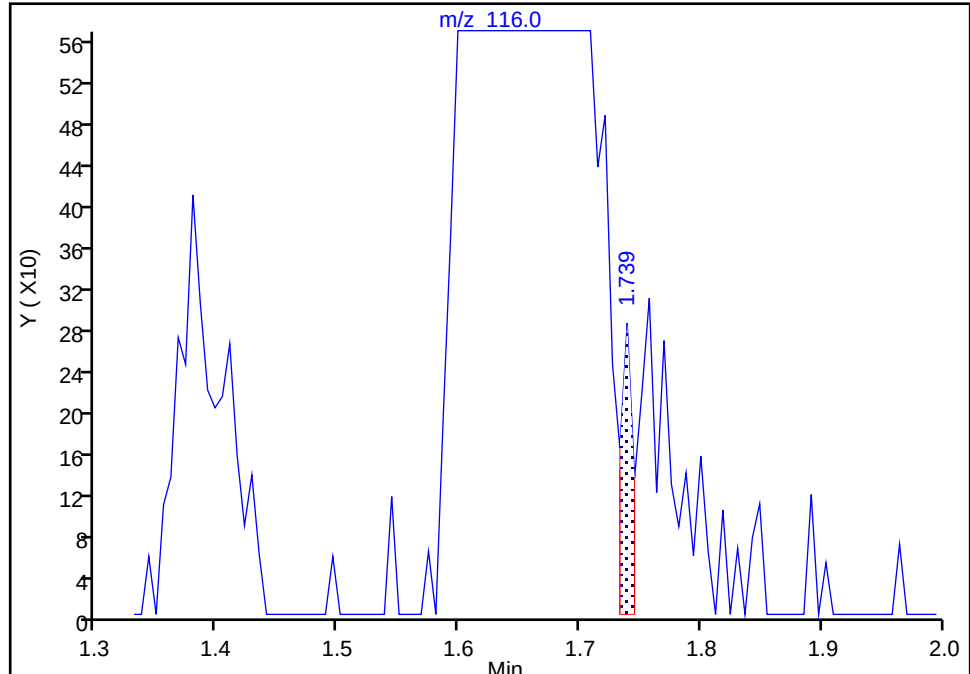
MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

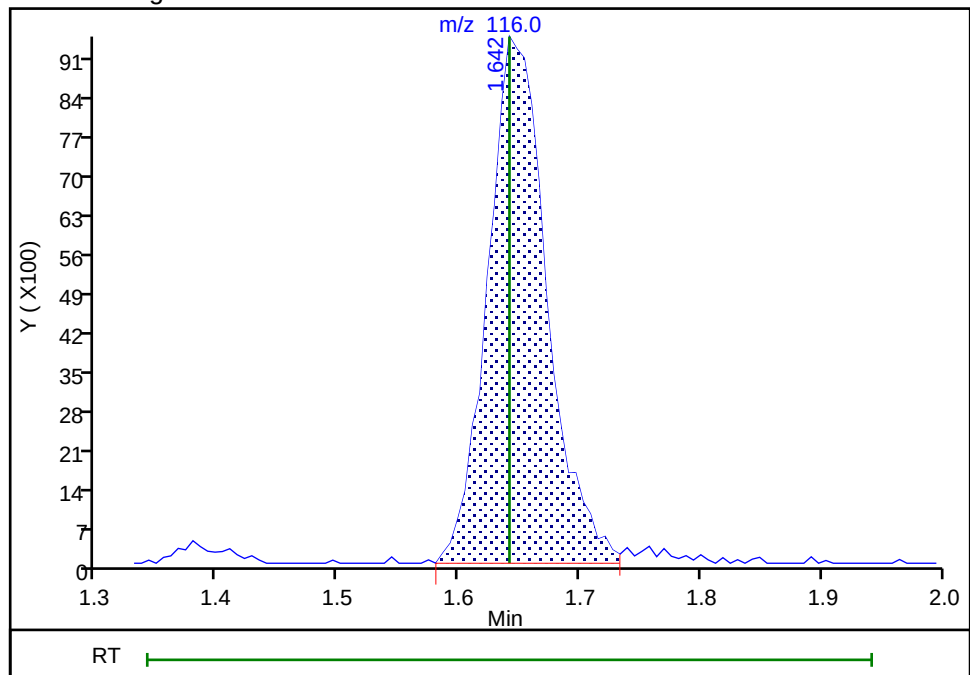
RT: 1.74
Area: 210
Amount: 0.161428
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 32395
Amount: 21.516054
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:56:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89506.D

Injection Date: 11-Jun-2020 03:15:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

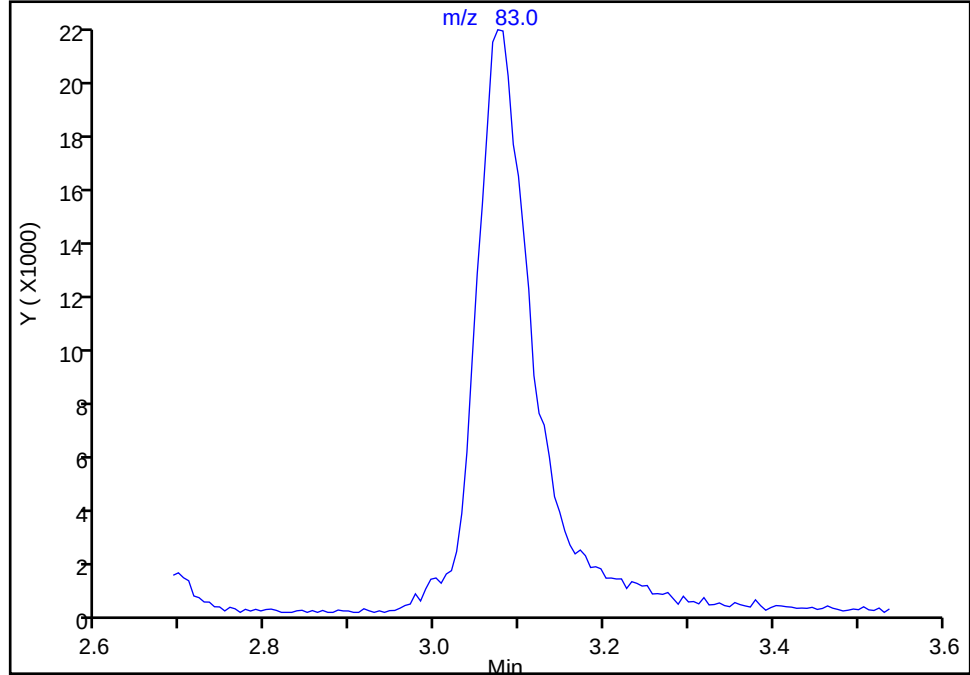
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

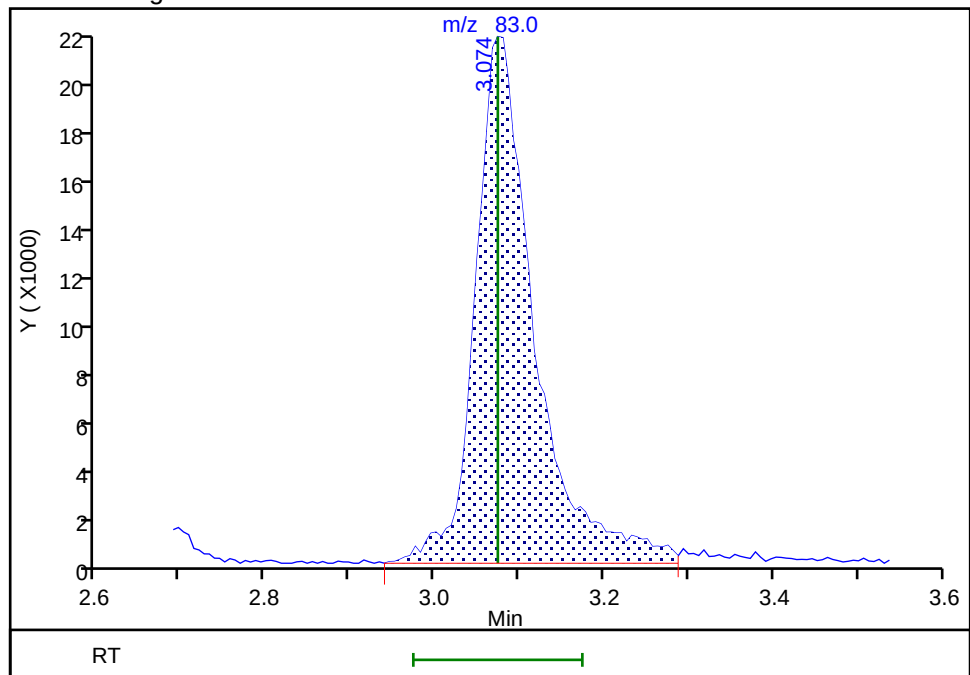
Expected RT: 3.07

Processing Integration Results



RT: 3.07
Area: 105752
Amount: 19.806320
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:33:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89506.D

Injection Date: 11-Jun-2020 03:15:30

Instrument ID: CVOAMS1

Lims ID: STD20

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

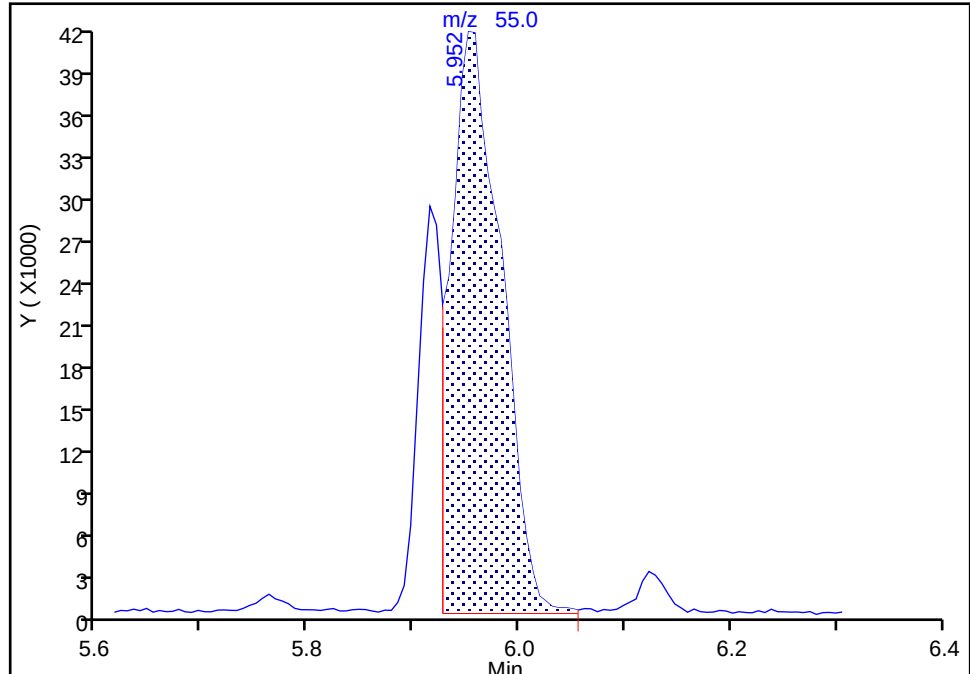
Detector: MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

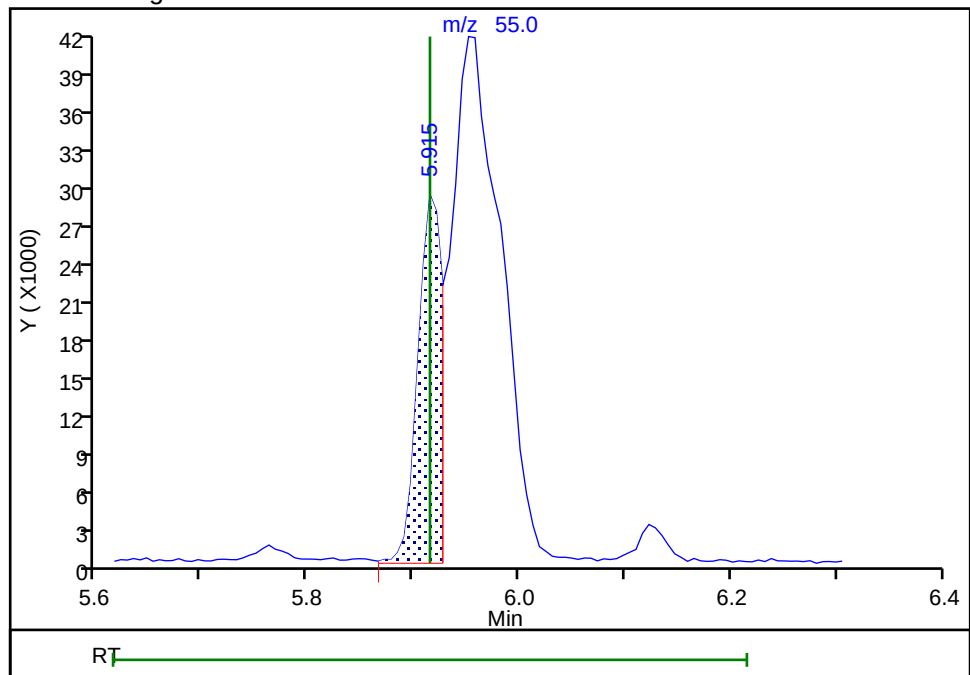
RT: 5.95
Area: 137882
Amount: 48.361640
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 46639
Amount: 14.449698
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:33:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89507.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Jun-2020 03:39:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0111447-007
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:46:48 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 04:00:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.544	1.544	0.000	97	20853	50.0	57.2	
2 Chlorotrifluoroethene	116	1.654	1.654	0.000	63	78098	50.0	50.6	
3 1,1-Difluoroethane	51	1.660	1.660	0.000	93	188394	50.0	51.4	
4 Dichlorodifluoromethane	85	1.696	1.696	0.000	100	259424	50.0	51.3	
5 Chlorodifluoromethane	51	1.715	1.715	0.000	98	242137	50.0	53.6	
6 Chloromethane	50	1.904	1.904	0.000	99	309367	50.0	51.4	
8 Vinyl chloride	62	2.013	2.013	0.000	98	288669	50.0	49.6	
7 Butadiene	39	2.032	2.032	0.000	96	241735	50.0	50.4	
9 Bromomethane	94	2.367	2.367	0.000	98	195060	50.0	48.8	
10 Chloroethane	64	2.458	2.458	0.000	99	162014	50.0	49.8	
11 Dichlorofluoromethane	67	2.684	2.684	0.000	98	348933	50.0	48.9	
12 Trichlorofluoromethane	101	2.702	2.702	0.000	62	258977	50.0	48.8	a
13 Pentane	72	2.714	2.714	0.000	98	57982	100.0	82.9	
15 Ethanol	46	2.934	2.934	0.000	80	40946	2000.0	1790.1	
14 Ethyl ether	59	2.946	2.946	0.000	93	140383	50.0	49.1	
16 2-Methyl-1,3-butadiene	53	2.971	2.971	0.000	95	157746	50.0	47.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.013	3.013	0.000	86	160903	50.0	49.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.080	3.080	0.000	91	279046	50.0	51.0	a
19 Acrolein	56	3.135	3.135	0.000	41	16839	100.0	109.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.160	3.160	0.000	92	172437	50.0	47.3	
21 1,1-Dichloroethene	96	3.184	3.184	0.000	97	180778	50.0	52.4	
22 Acetone	58	3.275	3.275	0.000	88	83859	250.0	206.9	
23 Iodomethane	142	3.355	3.355	0.000	97	314054	50.0	49.9	
24 Carbon disulfide	76	3.385	3.385	0.000	99	695544	50.0	51.5	
25 Isopropyl alcohol	45	3.385	3.385	0.000	35	120573	500.0	589.7	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	94	122262	50.0	49.8	
27 Methyl acetate	43	3.537	3.537	0.000	99	241535	100.0	101.3	
28 Cyclopentene	67	3.544	3.544	0.000	94	466363	50.0	51.2	
29 Acetonitrile	41	3.598	3.598	0.000	98	215289	500.0	465.0	
30 Methylene Chloride	84	3.659	3.659	0.000	92	209341	50.0	49.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.659	3.659	0.000	97	295113	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.733	3.733	0.000	99	130054	500.0	458.7	
33 Methyl tert-butyl ether	73	3.824	3.824	0.000	97	391678	50.0	49.5	
34 trans-1,2-Dichloroethene	96	3.842	3.842	0.000	95	175765	50.0	48.7	
35 Acrylonitrile	53	3.922	3.922	0.000	95	667046	500.0	502.4	
36 Hexane	43	3.995	3.995	0.000	92	131831	50.0	47.1	
37 Isopropyl ether	45	4.196	4.196	0.000	97	548434	50.0	52.0	
38 1,1-Dichloroethane	63	4.232	4.232	0.000	100	294433	50.0	49.5	
39 Vinyl acetate	86	4.239	4.239	0.000	99	46744	100.0	95.1	
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	90	149115	50.0	51.1	
41 Tert-butyl ethyl ether	59	4.489	4.489	0.000	90	431637	50.0	51.7	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	93	316630	250.0	250.0	
43 2,2-Dichloropropane	97	4.690	4.690	0.000	94	38820	50.0	46.8	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	98	188121	50.0	49.7	
45 Ethyl acetate	70	4.708	4.708	0.000	95	28328	100.0	92.4	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	97	89452	250.0	230.8	
47 Methyl acrylate	55	4.751	4.751	0.000	99	121314	50.0	51.1	
48 Propionitrile	54	4.824	4.824	0.000	98	240929	500.0	480.9	
49 Chlorobromomethane	128	4.891	4.891	0.000	85	87270	50.0	48.7	
50 Tetrahydrofuran	72	4.891	4.891	0.000	64	42365	100.0	97.6	
51 Methacrylonitrile	67	4.909	4.909	0.000	91	678974	500.0	517.7	
52 Chloroform	83	4.927	4.927	0.000	99	270035	50.0	50.4	
53 Cyclohexane	56	5.043	5.043	0.000	91	290257	50.0	47.4	
\$ 54 Dibromofluoromethane (Surr)	113	5.055	5.055	0.000	97	135848	50.0	49.8	
55 1,1,1-Trichloroethane	97	5.055	5.055	0.000	97	188107	50.0	48.3	
56 Carbon tetrachloride	117	5.153	5.153	0.000	98	121537	50.0	53.2	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	98	209431	50.0	49.4	
58 Isobutyl alcohol	43	5.251	5.251	0.000	92	75750	1250.0	1106.2	
59 Isooctane	57	5.299	5.299	0.000	99	532013	50.0	49.1	
60 Benzene	78	5.336	5.336	0.000	96	645777	50.0	51.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	98	153784	50.0	49.4	
62 Isopropyl acetate	43	5.354	5.354	0.000	98	414230	50.0	54.0	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	92	131319	50.0	52.0	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	97	191287	50.0	51.2	
65 n-Heptane	71	5.433	5.433	0.000	92	191287	50.0	48.1	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	585737	50.0	50.0	
67 n-Butanol	56	5.763	5.763	0.000	88	45096	1250.0	1082.1	
68 Trichloroethene	95	5.842	5.842	0.000	99	155459	50.0	48.6	
70 Ethyl acrylate	55	5.915	5.915	0.000	97	164841	50.0	48.7	a
69 Methylcyclohexane	83	5.952	5.952	0.000	96	281295	50.0	47.4	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	87	162444	50.0	50.1	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	97	37329	1000.0	1000.0	
73 Methyl methacrylate	100	6.128	6.128	0.000	88	71123	100.0	106.1	
74 n-Propyl acetate	43	6.165	6.165	0.000	99	182194	50.0	54.2	
76 1,4-Dioxane	88	6.177	6.177	0.000	89	39378	1000.0	984.5	
75 Dibromomethane	93	6.202	6.202	0.000	98	92017	50.0	48.4	
77 Dichlorobromomethane	83	6.330	6.330	0.000	99	151963	50.0	50.0	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	96	94038	50.1	50.4	
79 2-Nitropropane	41	6.610	6.610	0.000	75	25228	100.0	104.3	
80 Epichlorohydrin	57	6.695	6.695	0.000	99	263396	1000.0	1029.4	
81 cis-1,3-Dichloropropene	75	6.738	6.738	0.000	92	193706	50.0	51.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	96	750208	250.0	265.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	99	523661	50.0	51.2	
84 Toluene	91	6.982	6.982	0.000	94	633262	50.0	51.3	
85 trans-1,3-Dichloropropene	75	7.201	7.201	0.000	91	148022	50.0	54.4	
86 Ethyl methacrylate	69	7.201	7.201	0.000	83	161658	50.0	45.8	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	97	109058	50.0	51.7	
88 Tetrachloroethene	166	7.390	7.390	0.000	98	143523	50.0	49.4	
89 1,3-Dichloropropane	76	7.476	7.476	0.000	98	220257	50.0	50.6	
90 2-Hexanone	43	7.494	7.494	0.000	97	461279	250.0	254.9	
91 n-Butyl acetate	73	7.543	7.543	0.000	99	33582	50.0	50.3	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	88081	50.0	50.8	
93 Ethylene Dibromide	107	7.720	7.720	0.000	100	116167	50.0	53.1	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	89	404594	50.0	50.0	
95 Chlorobenzene	112	8.018	8.018	0.000	98	386711	50.0	50.5	
96 Ethylbenzene	106	8.061	8.061	0.000	98	226860	50.0	50.4	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	89	99186	50.0	53.7	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	98	275095	50.0	50.6	
99 n-Butyl acrylate	73	8.335	8.335	0.000	98	82388	50.0	46.5	
100 o-Xylene	106	8.384	8.384	0.000	94	289451	50.0	52.3	
101 Styrene	104	8.402	8.402	0.000	96	448936	50.0	52.7	
102 Amyl acetate (mixed isomers)	43	8.469	8.469	0.000	91	218908	50.0	47.6	
103 Bromoform	173	8.543	8.543	0.000	96	47608	50.0	52.0	
104 Isopropylbenzene	105	8.591	8.591	0.000	96	747559	50.0	51.3	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	90	147248	50.0	49.8	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	98	175565	50.0	52.1	
107 Bromobenzene	156	8.811	8.811	0.000	98	163192	50.0	49.6	
108 N-Propylbenzene	91	8.829	8.829	0.000	99	886100	50.0	52.6	
109 trans-1,4-Dichloro-2-butene	53	8.841	8.841	0.000	72	38240	50.0	47.5	
110 1,2,3-Trichloropropane	110	8.847	8.847	0.000	96	50301	50.0	50.9	
111 4-Ethyltoluene	105	8.890	8.890	0.000	98	719459	50.0	50.5	
112 2-Chlorotoluene	91	8.908	8.908	0.000	96	658178	50.0	53.8	
113 1,3,5-Trimethylbenzene	105	8.927	8.927	0.000	93	646711	50.0	53.0	
114 Butyl Methacrylate	87	8.951	8.951	0.000	90	181872	50.0	44.7	
115 4-Chlorotoluene	91	8.969	8.969	0.000	98	500217	50.0	53.1	
116 tert-Butylbenzene	119	9.103	9.103	0.000	94	517632	50.0	55.4	
117 1,2,4-Trimethylbenzene	105	9.140	9.140	0.000	97	654006	50.0	52.4	
118 sec-Butylbenzene	105	9.231	9.231	0.000	99	839231	50.0	53.7	
119 4-Isopropyltoluene	119	9.305	9.305	0.000	98	700518	50.0	52.6	
120 1,3-Dichlorobenzene	146	9.335	9.335	0.000	96	329028	50.0	50.4	
* 121 1,4-Dichlorobenzene-d4	152	9.378	9.378	0.000	96	215525	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.390	9.390	0.000	73	333873	50.0	50.3	
123 1,2,3-Trimethylbenzene	105	9.396	9.396	0.000	98	697459	50.0	52.0	
124 Benzyl chloride	91	9.475	9.475	0.000	98	143297	50.0	52.1	
125 2,3-Dihydroindene	117	9.524	9.524	0.000	93	720005	50.0	50.9	
126 p-Diethylbenzene	119	9.530	9.530	0.000	93	419410	50.0	52.9	
127 n-Butylbenzene	92	9.549	9.549	0.000	98	390448	50.0	52.2	
128 1,2-Dichlorobenzene	146	9.628	9.628	0.000	96	342257	50.0	50.2	
129 1,2,4,5-Tetramethylbenzene	119	10.042	10.042	0.000	97	673719	50.0	55.4	
130 1,2-Dibromo-3-Chloropropane	75	10.158	10.158	0.000	87	17333	50.0	42.2	
131 1,3,5-Trichlorobenzene	180	10.256	10.256	0.000	97	275215	50.0	51.2	
132 1,2,4-Trichlorobenzene	180	10.768	10.768	0.000	94	214691	50.0	51.4	
133 Hexachlorobutadiene	225	10.847	10.847	0.000	96	101799	50.0	51.1	
134 Naphthalene	128	11.018	11.018	0.000	99	425236	50.0	55.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	11.243	11.243	0.000	96	147465	50.0	54.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	98.4	
S 137 Xylenes, Total	100				0		100.0	102.9	
S 138 Total BTEX	1				0		250.0	256.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00371	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00119	Amount Added: 50.00	Units: uL	
524freon_00023	Amount Added: 50.00	Units: uL	
ACROLEIN W_00107	Amount Added: 10.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89507.D

Injection Date: 11-Jun-2020 03:39:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

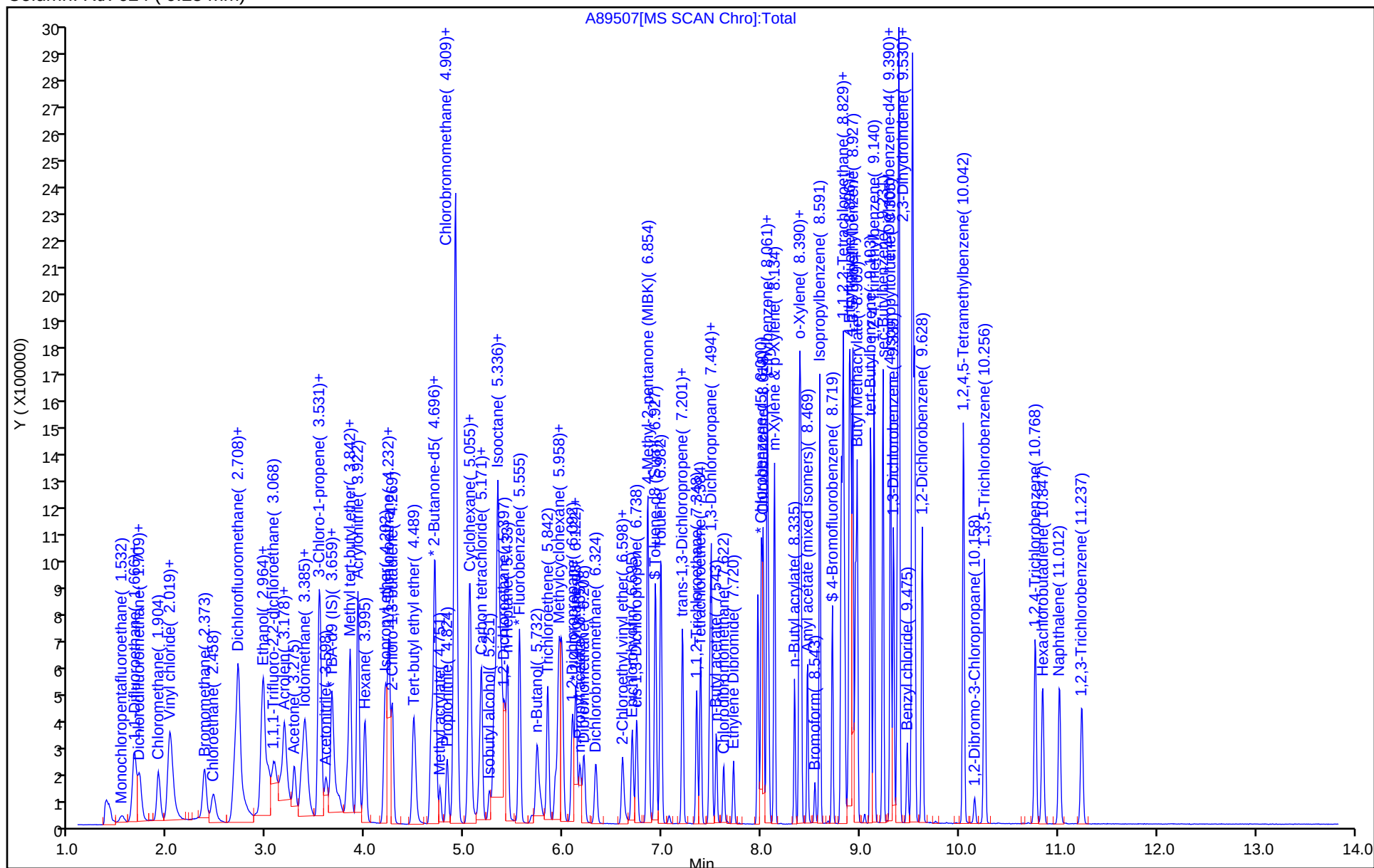
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89507.D

Injection Date: 11-Jun-2020 03:39:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

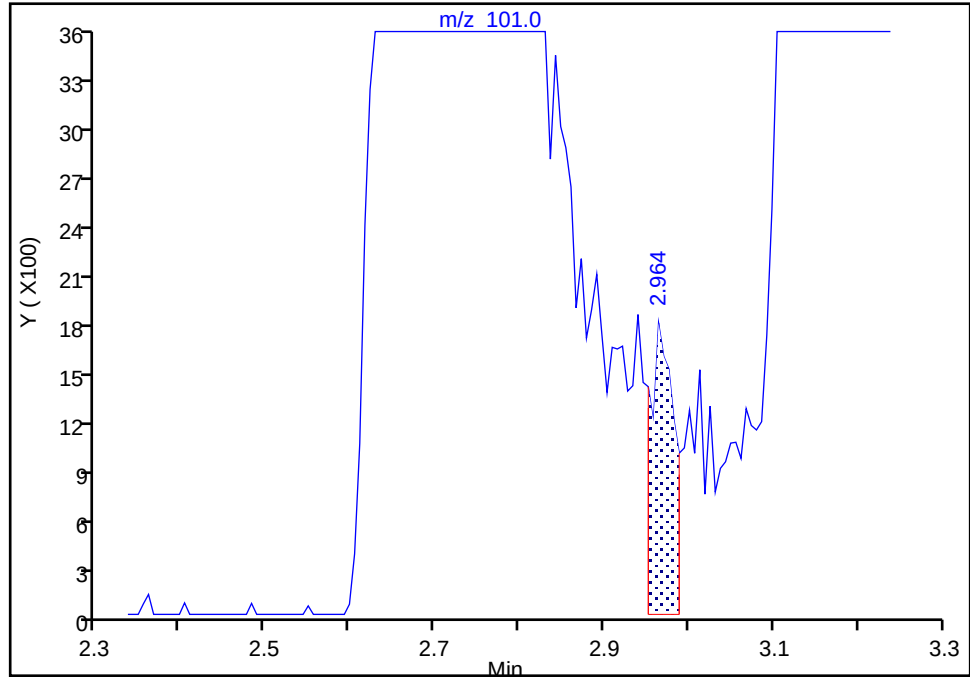
MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

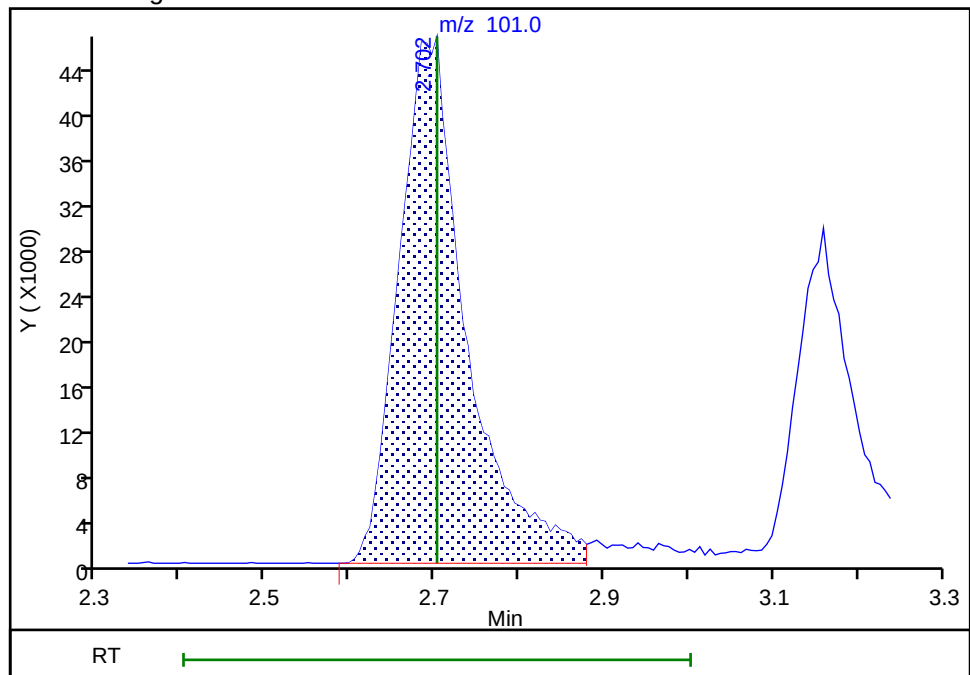
RT: 2.96
Area: 3453
Amount: 0.822181
Amount Units: ug/l

Processing Integration Results



RT: 2.70
Area: 258977
Amount: 48.767581
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:35:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

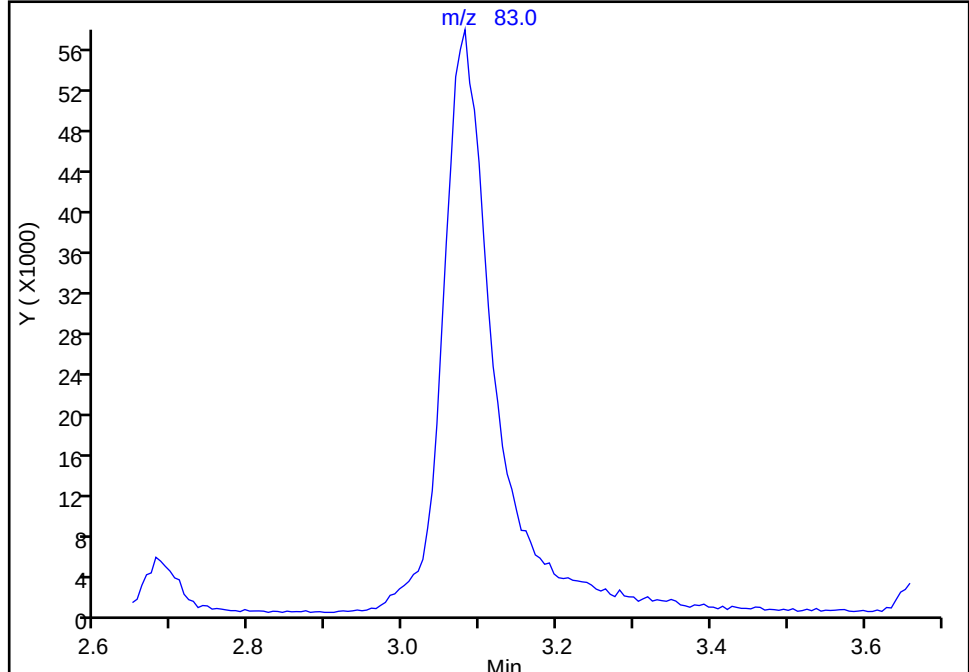
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89507.D
Injection Date: 11-Jun-2020 03:39:30 Instrument ID: CVOAMS1
Lims ID: STD50
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

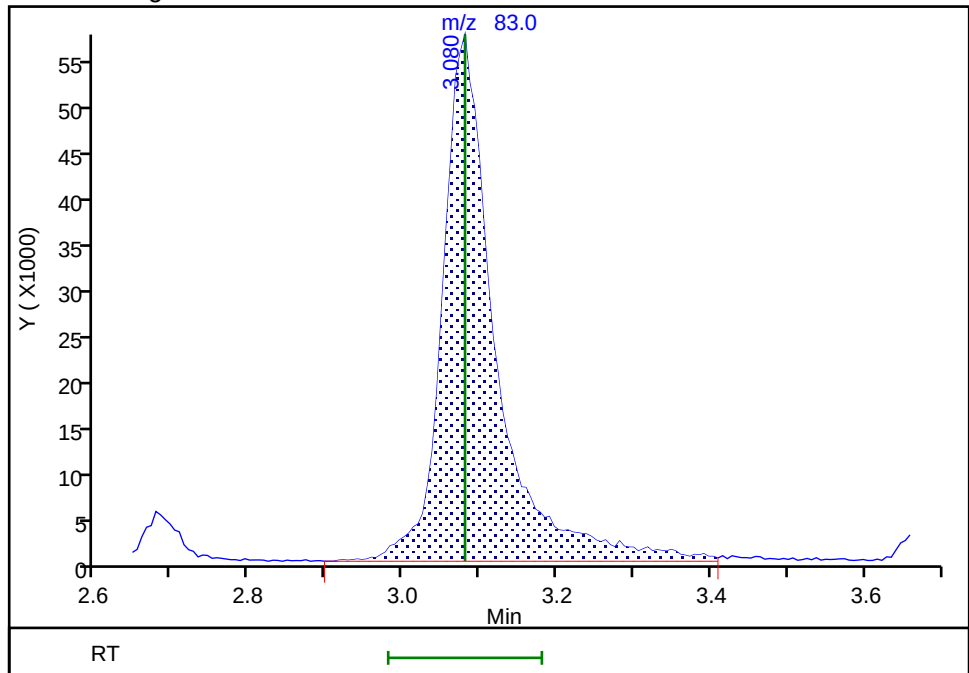
Not Detected
Expected RT: 3.08

Processing Integration Results



RT: 3.08
Area: 279046
Amount: 50.973559
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:35:45
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89507.D

Injection Date: 11-Jun-2020 03:39:30

Instrument ID: CVOAMS1

Lims ID: STD50

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

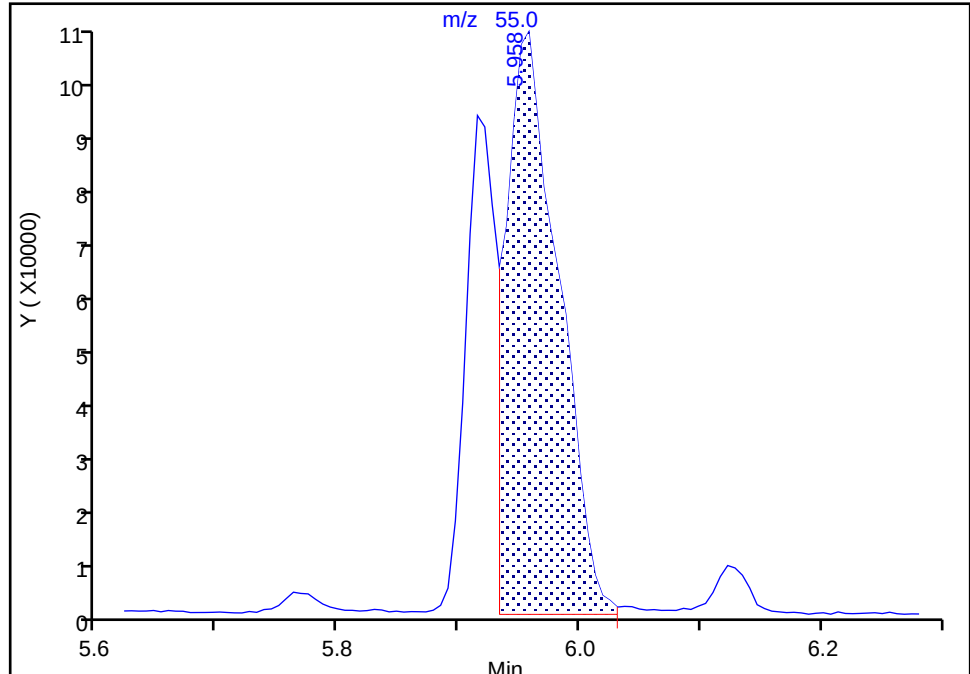
MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

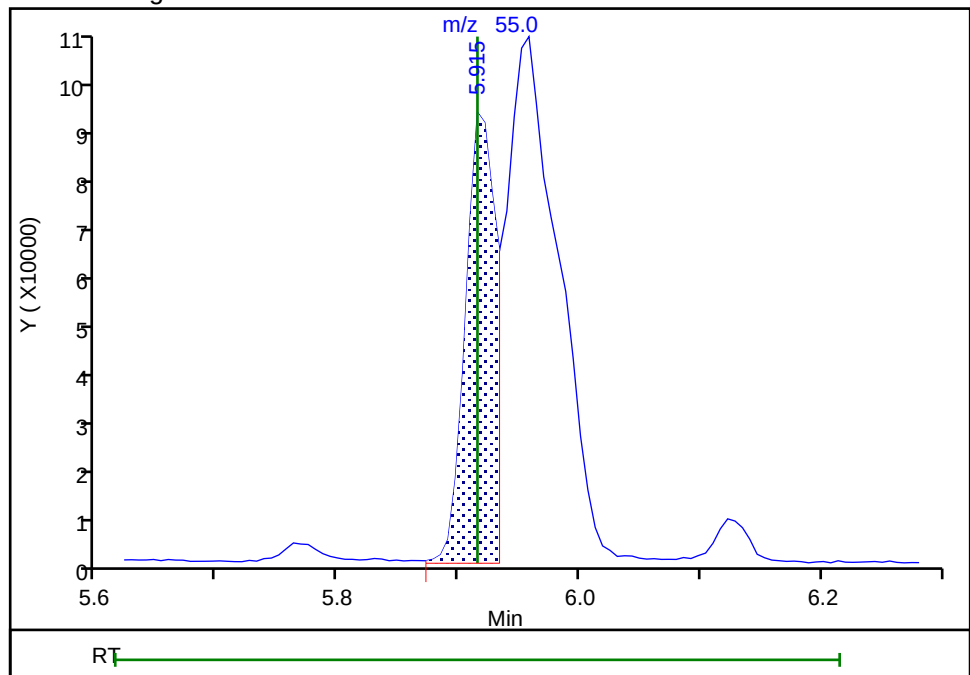
RT: 5.96
Area: 324803
Amount: 112.4292
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 164841
Amount: 48.741476
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:36:01

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89508.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 11-Jun-2020 04:02:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0111447-008
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:47:04 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 04:20:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.526	1.544	-0.018	93	55922	200.0	142.3	
2 Chlorotrifluoroethene	116	1.642	1.654	-0.012	86	299542	200.0	180.0	
3 1,1-Difluoroethane	51	1.654	1.660	-0.006	93	697497	200.0	176.3	
4 Dichlorodifluoromethane	85	1.678	1.696	-0.018	100	1076270	200.0	197.5	
5 Chlorodifluoromethane	51	1.709	1.715	-0.006	98	807313	200.0	165.7	
6 Chloromethane	50	1.898	1.904	-0.006	99	1203724	200.0	185.4	
8 Vinyl chloride	62	2.001	2.013	-0.012	98	1181673	200.0	188.2	
7 Butadiene	39	2.020	2.032	-0.012	96	1020339	200.0	197.4	
9 Bromomethane	94	2.361	2.367	-0.006	99	793970	200.0	184.4	
10 Chloroethane	64	2.452	2.458	-0.006	99	663137	200.0	189.1	
11 Dichlorofluoromethane	67	2.678	2.684	-0.006	99	1490704	200.0	193.7	
12 Trichlorofluoromethane	101	2.690	2.702	-0.012	97	1161441	200.0	202.9	
13 Pentane	72	2.708	2.714	-0.006	97	289844	400.0	368.2	
15 Ethanol	46	2.940	2.934	0.006	73	173225	8000.0	6731.2	
14 Ethyl ether	59	2.934	2.946	-0.012	94	564775	200.0	183.4	
16 2-Methyl-1,3-butadiene	53	2.958	2.971	-0.013	95	689609	200.0	194.3	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.013	3.013	0.000	91	693871	200.0	198.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.074	3.080	-0.006	95	1102839	200.0	186.9	a
19 Acrolein	56	3.129	3.135	-0.006	89	32132	200.0	188.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.154	3.160	-0.006	93	822302	200.0	209.4	
21 1,1-Dichloroethene	96	3.178	3.184	-0.006	98	755373	200.0	203.1	
22 Acetone	58	3.269	3.275	-0.006	88	473403	1000.0	1090.4	
23 Iodomethane	142	3.349	3.355	-0.006	97	1339624	200.0	197.5	
24 Carbon disulfide	76	3.385	3.385	0.000	99	2918227	200.0	200.5	
25 Isopropyl alcohol	45	3.379	3.385	-0.006	97	474996	2000.0	1963.0	
26 3-Chloro-1-propene	76	3.519	3.525	-0.006	93	491394	200.0	185.5	
27 Methyl acetate	43	3.531	3.537	-0.006	99	977126	400.0	380.0	
28 Cyclopentene	67	3.538	3.544	-0.006	94	1883396	200.0	191.6	
29 Acetonitrile	41	3.592	3.598	-0.006	98	806965	2000.0	1549.0	
30 Methylene Chloride	84	3.653	3.659	-0.006	92	866934	200.0	191.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.653	3.659	-0.006	88	332026	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.727	3.733	-0.006	96	627998	2000.0	1968.8	
33 Methyl tert-butyl ether	73	3.824	3.824	0.000	98	1701844	200.0	199.4	
34 trans-1,2-Dichloroethene	96	3.836	3.842	-0.006	94	749860	200.0	192.7	
35 Acrylonitrile	53	3.916	3.922	-0.006	95	2750708	2000.0	1921.4	
36 Hexane	43	3.989	3.995	-0.006	93	636488	200.0	210.9	
37 Isopropyl ether	45	4.196	4.196	0.000	96	2105823	200.0	185.2	
38 1,1-Dichloroethane	63	4.226	4.232	-0.006	100	1198660	200.0	187.1	
39 Vinyl acetate	86	4.233	4.239	-0.006	99	228817	400.0	413.6	
40 2-Chloro-1,3-butadiene	88	4.263	4.269	-0.006	90	606228	200.0	192.6	
41 Tert-butyl ethyl ether	59	4.483	4.489	-0.007	91	1692374	200.0	188.0	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	82	339098	250.0	250.0	
43 2,2-Dichloropropane	97	4.684	4.690	-0.006	97	192162	200.0	214.8	
44 cis-1,2-Dichloroethene	96	4.690	4.696	-0.006	97	767422	200.0	188.1	
45 Ethyl acetate	70	4.702	4.708	-0.006	93	129217	400.0	393.5	
46 2-Butanone (MEK)	72	4.702	4.708	-0.006	97	428265	1000.0	1031.6	
47 Methyl acrylate	55	4.751	4.751	0.000	100	526596	200.0	205.6	
48 Propionitrile	54	4.818	4.824	-0.006	99	959210	2000.0	1701.9	
49 Chlorobromomethane	128	4.885	4.891	-0.006	90	372616	200.0	192.9	
50 Tetrahydrofuran	72	4.885	4.891	-0.006	66	177007	400.0	380.7	
51 Methacrylonitrile	67	4.909	4.909	0.000	89	2749966	2000.0	1944.8	
52 Chloroform	83	4.928	4.927	0.001	99	1110513	200.0	192.3	
53 Cyclohexane	56	5.043	5.043	0.000	91	1344046	200.0	203.6	
\$ 54 Dibromofluoromethane (Surr)	113	5.056	5.055	0.001	46	149351	50.0	50.8	
55 1,1,1-Trichloroethane	97	5.056	5.055	0.001	98	888002	200.0	211.3	
56 Carbon tetrachloride	117	5.153	5.153	0.000	98	660752	200.0	215.7	
57 1,1-Dichloropropene	75	5.165	5.171	-0.006	98	876611	200.0	191.7	
58 Isobutyl alcohol	43	5.251	5.251	0.000	94	500967	5000.0	5050.6	
59 Isooctane	57	5.299	5.299	0.000	97	2476233	200.0	212.1	
60 Benzene	78	5.330	5.336	-0.006	97	2611108	200.0	184.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	89	173249	50.0	51.6	
62 Isopropyl acetate	43	5.354	5.354	0.000	96	1792700	200.0	216.9	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	91	548308	200.0	201.2	
64 1,2-Dichloroethane	62	5.397	5.403	-0.006	97	767043	200.0	190.5	
65 n-Heptane	71	5.434	5.433	0.001	91	839770	200.0	195.7	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	631520	50.0	50.0	
67 n-Butanol	56	5.769	5.763	0.006	88	305222	5000.0	5055.4	
68 Trichloroethene	95	5.836	5.842	-0.006	100	663011	200.0	192.3	
70 Ethyl acrylate	55	5.915	5.915	0.000	99	803544	200.0	201.2	
69 Methylcyclohexane	83	5.952	5.952	0.000	96	1376787	200.0	215.3	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	94	664134	200.0	189.9	
* 72 1,4-Dioxane-d8	96	6.129	6.128	0.001	95	46601	1000.0	1000.0	
73 Methyl methacrylate	100	6.122	6.128	-0.006	86	330346	400.0	457.0	
74 n-Propyl acetate	43	6.165	6.165	0.000	98	810937	200.0	223.9	
76 1,4-Dioxane	88	6.177	6.177	0.000	89	172117	4000.0	3447.1	
75 Dibromomethane	93	6.202	6.202	0.000	98	393867	200.0	192.3	
77 Dichlorobromomethane	83	6.324	6.330	-0.006	100	725592	200.0	221.4	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	96	397815	200.5	197.8	
79 2-Nitropropane	41	6.616	6.610	0.006	98	117563	400.0	399.2	a
80 Epichlorohydrin	57	6.695	6.695	0.000	99	1225319	4000.0	4471.4	
81 cis-1,3-Dichloropropene	75	6.738	6.738	0.000	91	931955	200.0	219.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	94	3101841	1000.0	1026.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.927	6.927	0.000	100	571078	50.0	49.3	
84 Toluene	91	6.982	6.982	0.000	95	2597159	200.0	185.4	
86 Ethyl methacrylate	69	7.201	7.201	0.000	83	808462	200.0	202.3	
85 trans-1,3-Dichloropropene	75	7.201	7.201	0.000	94	795118	200.0	257.7	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	97	466886	200.0	195.0	
88 Tetrachloroethene	166	7.384	7.390	-0.006	96	628809	200.0	191.0	
89 1,3-Dichloropropane	76	7.482	7.476	0.006	97	945585	200.0	191.7	
90 2-Hexanone	43	7.494	7.494	0.000	95	2074428	1000.0	1070.3	
91 n-Butyl acetate	73	7.543	7.543	0.000	99	161786	200.0	200.5	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	491805	200.0	250.4	
93 Ethylene Dibromide	107	7.720	7.720	0.000	98	551762	200.0	222.5	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	84	458844	50.0	50.0	
95 Chlorobenzene	112	8.018	8.018	0.000	94	1659422	200.0	191.3	
96 Ethylbenzene	106	8.061	8.061	0.000	97	972981	200.0	190.5	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	95	571916	200.0	221.6	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	96	1184164	200.0	192.1	
99 n-Butyl acrylate	73	8.335	8.335	0.000	98	442158	200.0	202.0	
100 o-Xylene	106	8.384	8.384	0.000	96	1250861	200.0	199.3	
101 Styrene	104	8.402	8.402	0.000	94	1890733	200.0	195.8	
102 Amyl acetate (mixed isomers)	43	8.463	8.469	-0.006	91	1056083	200.0	202.0	
103 Bromoform	173	8.543	8.543	0.000	97	288449	200.0	216.6	
104 Isopropylbenzene	105	8.591	8.591	0.000	96	2958988	200.0	178.9	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	90	164018	50.0	48.9	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	98	771295	200.0	202.9	
107 Bromobenzene	156	8.811	8.811	0.000	98	730007	200.0	196.6	
108 N-Propylbenzene	91	8.829	8.829	0.000	98	3318597	200.0	174.5	
109 trans-1,4-Dichloro-2-butene	53	8.841	8.841	0.000	76	179838	200.0	198.0	
110 1,2,3-Trichloropropane	110	8.848	8.847	0.001	95	221634	200.0	198.5	
111 4-Ethyltoluene	105	8.890	8.890	0.000	96	2741857	200.0	170.3	
112 2-Chlorotoluene	91	8.902	8.908	-0.006	97	2726717	200.0	197.5	
113 1,3,5-Trimethylbenzene	105	8.927	8.927	0.000	94	2614294	200.0	189.8	
114 Butyl Methacrylate	87	8.951	8.951	0.000	89	952818	200.0	203.1	
115 4-Chlorotoluene	91	8.969	8.969	0.000	97	2036733	200.0	191.6	
116 tert-Butylbenzene	119	9.104	9.103	0.001	93	2239777	200.0	212.3	
117 1,2,4-Trimethylbenzene	105	9.140	9.140	0.000	97	2626336	200.0	186.5	
118 sec-Butylbenzene	105	9.232	9.231	0.001	96	3306348	200.0	187.3	
119 4-Isopropyltoluene	119	9.305	9.305	0.000	95	2859429	200.0	190.0	
120 1,3-Dichlorobenzene	146	9.335	9.335	0.000	95	1411572	200.0	191.3	
* 121 1,4-Dichlorobenzene-d4	152	9.378	9.378	0.000	95	243355	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.390	9.390	0.000	92	1463793	200.0	195.5	
123 1,2,3-Trimethylbenzene	105	9.390	9.396	-0.006	96	2834172	200.0	187.2	
124 Benzyl chloride	91	9.475	9.475	0.000	99	890760	200.0	221.9	
125 2,3-Dihydroindene	117	9.524	9.524	0.000	93	2848748	200.0	178.3	
126 p-Diethylbenzene	119	9.530	9.530	0.000	95	1762757	200.0	197.1	
127 n-Butylbenzene	92	9.549	9.549	0.001	98	1689076	200.0	199.9	
128 1,2-Dichlorobenzene	146	9.628	9.628	0.000	96	1481360	200.0	192.5	
129 1,2,4,5-Tetramethylbenzene	119	10.042	10.042	0.000	98	2788875	200.0	203.0	
130 1,2-Dibromo-3-Chloropropane	75	10.158	10.158	0.000	96	104005	200.0	203.5	
131 1,3,5-Trichlorobenzene	180	10.256	10.256	0.000	98	1212365	200.0	199.8	
132 1,2,4-Trichlorobenzene	180	10.768	10.768	0.000	94	955853	200.0	202.5	
133 Hexachlorobutadiene	225	10.847	10.847	0.000	96	504087	200.0	224.0	
134 Naphthalene	128	11.012	11.018	-0.006	99	1778639	200.0	206.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	11.243	11.243	0.000	96	634930	200.0	207.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	380.8	
S 137 Xylenes, Total	100				0		400.0	391.4	
S 138 Total BTEX	1				0		1000.0	951.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00363	Amount Added: 20.00	Units: uL	
8FreonHi_00019	Amount Added: 20.00	Units: uL	
MIX I Hi_00126	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 20.00	Units: uL	
Ethanol mix_00041	Amount Added: 20.00	Units: uL	
ACROLEIN W_00107	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 12-Jun-2020 18:47:06

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89508.D

Injection Date: 11-Jun-2020 04:02:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

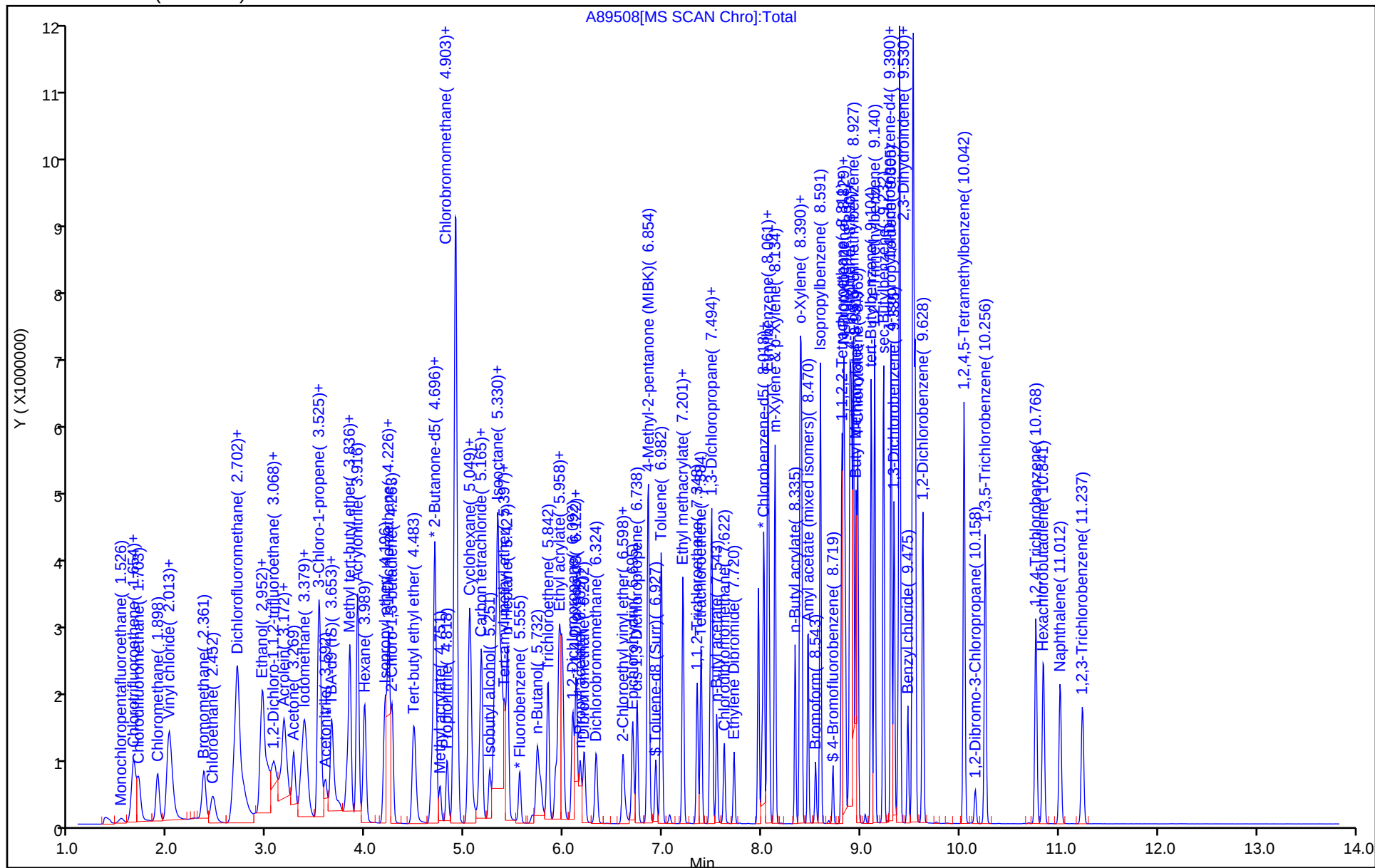
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89508.D

Injection Date: 11-Jun-2020 04:02:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

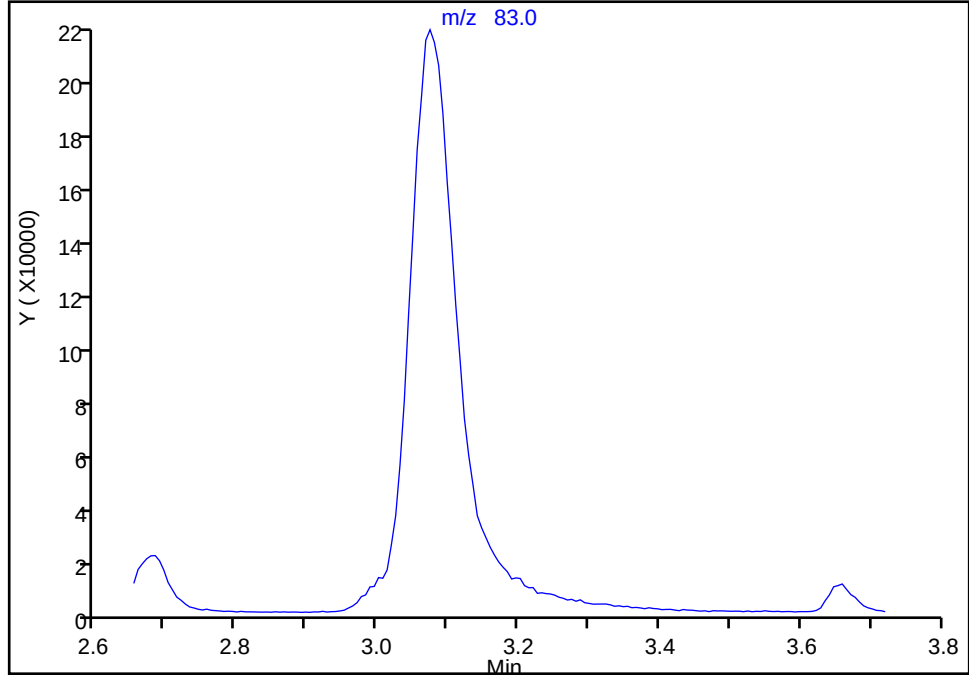
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

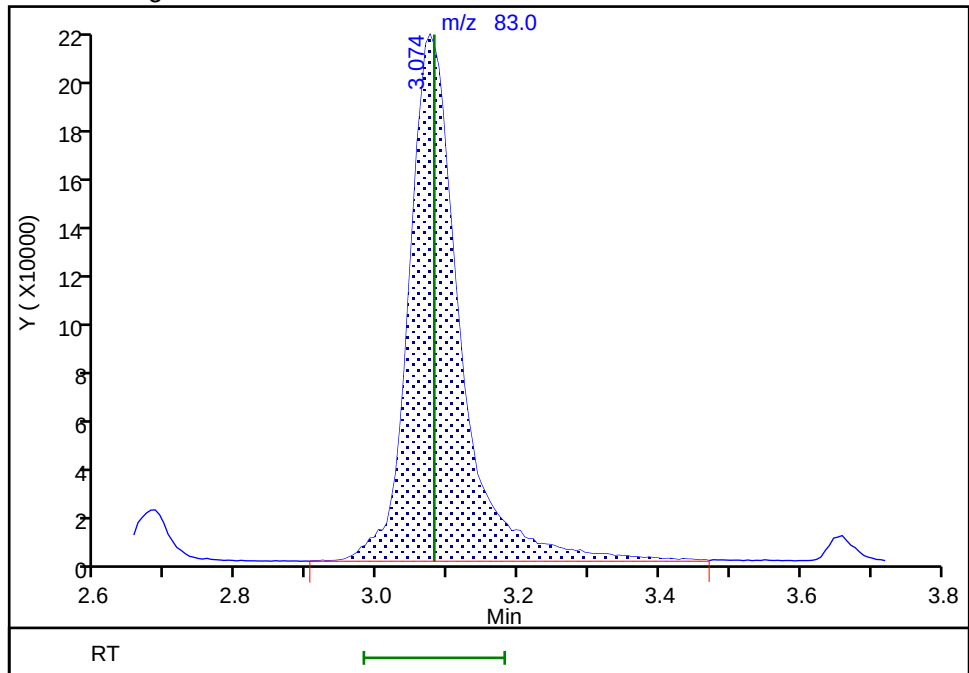
Not Detected

Expected RT: 3.08

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:37:17

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89508.D

Injection Date: 11-Jun-2020 04:02:30

Instrument ID: CVOAMS1

Lims ID: STD200

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

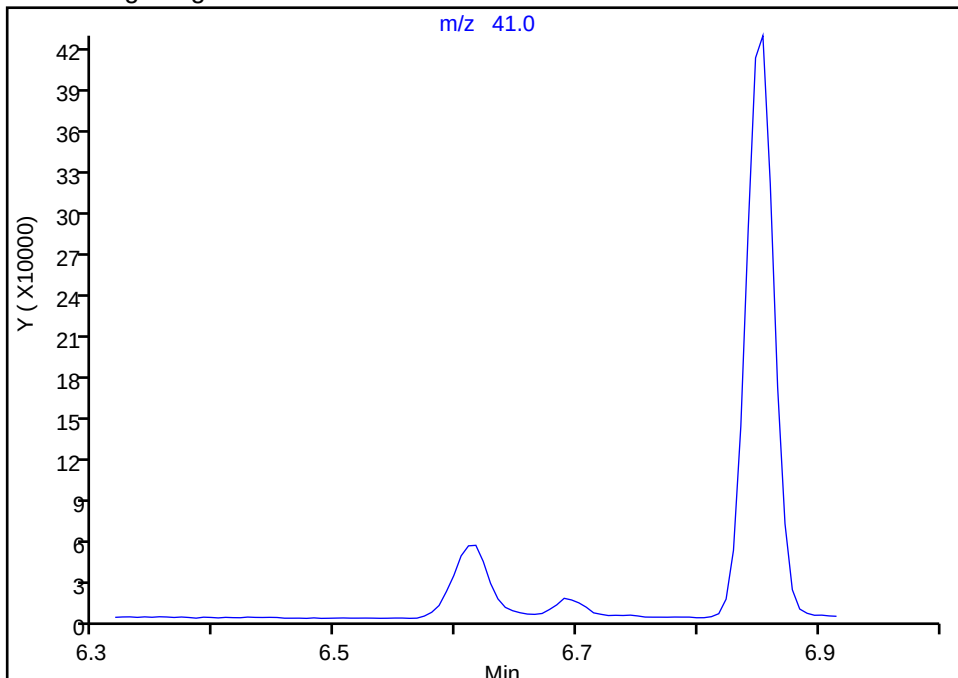
79 2-Nitropropane, CAS: 79-46-9

Signal: 1

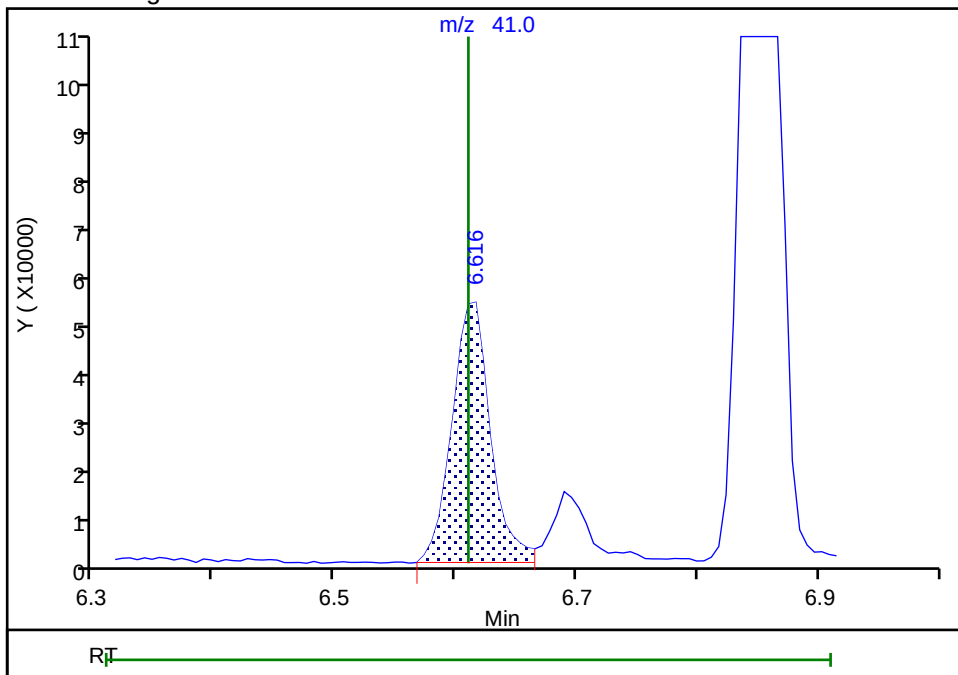
Not Detected

Expected RT: 6.61

Processing Integration Results



Manual Integration Results

RT: 6.62
Area: 117563
Amount: 399.2321
Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:37:40

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Jun-2020 04:26:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0111447-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 12-Jun-2020 18:47:21 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1045

First Level Reviewer: boykink

Date: 11-Jun-2020 04:45:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.520	1.544	-0.024	92	162812	500.0	401.1	
2 Chlorotrifluoroethene	116	1.641	1.654	-0.013	86	765958	500.0	445.7	
3 1,1-Difluoroethane	51	1.654	1.660	-0.006	97	1794936	500.0	439.5	
4 Dichlorodifluoromethane	85	1.678	1.696	-0.018	100	2772765	500.0	492.9	
5 Chlorodifluoromethane	51	1.709	1.715	-0.006	98	2409816	500.0	479.0	
6 Chloromethane	50	1.898	1.904	-0.006	99	3070036	500.0	457.9	
8 Vinyl chloride	62	2.007	2.013	-0.006	98	3043923	500.0	469.4	
7 Butadiene	39	2.019	2.032	-0.013	95	2549161	500.0	477.6	
9 Bromomethane	94	2.361	2.367	-0.006	100	2014404	500.0	453.0	
10 Chloroethane	64	2.452	2.458	-0.006	99	1707874	500.0	471.7	
11 Dichlorofluoromethane	67	2.678	2.684	-0.006	98	3775326	500.0	475.0	
12 Trichlorofluoromethane	101	2.684	2.702	-0.018	99	3047119	500.0	515.4	
13 Pentane	72	2.714	2.714	0.000	96	833346	1000.0	1054.2	
15 Ethanol	46	2.934	2.934	0.000	72	447563	20000	17317	
14 Ethyl ether	59	2.934	2.946	-0.012	94	1501993	500.0	472.3	
16 2-Methyl-1,3-butadiene	53	2.958	2.971	-0.013	95	1808945	500.0	493.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.013	3.013	0.000	92	1811171	500.0	501.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.080	3.080	0.000	88	2910170	500.0	477.5	a
19 Acrolein	56	3.141	3.135	0.006	28	66103	400.0	402.4	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.160	-0.007	93	2107586	500.0	519.6	
21 1,1-Dichloroethene	96	3.184	3.184	0.000	97	2050755	500.0	533.9	
22 Acetone	58	3.269	3.275	-0.006	89	1171920	2500.0	2428.8	
23 Iodomethane	142	3.355	3.355	0.000	98	3446253	500.0	491.9	
24 Carbon disulfide	76	3.391	3.385	0.006	99	7246644	500.0	482.3	
25 Isopropyl alcohol	45	3.379	3.385	-0.006	99	1348963	5000.0	5004.2	
26 3-Chloro-1-propene	76	3.519	3.525	-0.006	94	1438539	500.0	525.9	
27 Methyl acetate	43	3.531	3.537	-0.006	98	2623517	1000.0	988.0	
28 Cyclopentene	67	3.537	3.544	-0.007	95	4925143	500.0	485.2	
29 Acetonitrile	41	3.592	3.598	-0.006	98	1968933	5000.0	3763.4	
30 Methylene Chloride	84	3.659	3.659	0.000	91	2305860	500.0	492.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.659	3.659	0.000	84	333450	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.739	3.733	0.006	95	1573953	5000.0	4913.4	
33 Methyl tert-butyl ether	73	3.824	3.824	0.000	98	4042902	500.0	458.7	
34 trans-1,2-Dichloroethene	96	3.842	3.842	0.000	93	1977884	500.0	492.1	
35 Acrylonitrile	53	3.922	3.922	0.000	91	6401636	5000.0	4330.4	
36 Hexane	43	3.989	3.995	-0.006	93	1592067	500.0	511.0	
37 Isopropyl ether	45	4.196	4.196	0.000	94	5166522	500.0	440.1	
38 1,1-Dichloroethane	63	4.226	4.232	-0.006	99	3216613	500.0	486.1	
39 Vinyl acetate	86	4.239	4.239	-0.001	99	699418	1000.0	1259.0	
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	90	1645323	500.0	506.1	
41 Tert-butyl ethyl ether	59	4.488	4.489	-0.001	91	4078494	500.0	438.8	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	93	376846	250.0	250.0	a
43 2,2-Dichloropropane	97	4.684	4.690	-0.006	94	567998	500.0	614.8	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	98	2069917	500.0	491.3	
45 Ethyl acetate	70	4.702	4.708	-0.006	94	374029	1000.0	1024.9	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	99	1168491	2500.0	2532.8	
47 Methyl acrylate	55	4.751	4.751	0.000	100	1382083	500.0	522.5	
48 Propionitrile	54	4.824	4.824	0.000	99	2549069	5000.0	4503.5	
49 Chlorobromomethane	128	4.891	4.891	0.000	84	1013992	500.0	508.2	
50 Tetrahydrofuran	72	4.891	4.891	0.000	65	499054	1000.0	965.9	
51 Methacrylonitrile	67	4.909	4.909	0.000	82	6351537	5000.0	4349.9	
52 Chloroform	83	4.927	4.927	0.000	98	2957260	500.0	496.0	
53 Cyclohexane	56	5.043	5.043	0.000	91	3579997	500.0	525.3	
\$ 54 Dibromofluoromethane (Surr)	113	5.055	5.055	0.000	34	156513	50.0	51.6	
55 1,1,1-Trichloroethane	97	5.055	5.055	0.000	98	2668429	500.0	615.0	
56 Carbon tetrachloride	117	5.153	5.153	0.000	99	2062151	500.0	489.3	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	97	2360451	500.0	500.0	
58 Isobutyl alcohol	43	5.251	5.251	-0.001	93	1769342	12500	12496	
59 Isooctane	57	5.299	5.299	0.000	97	5600204	500.0	464.6	
60 Benzene	78	5.330	5.336	-0.006	99	6075560	500.0	401.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	87	192543	50.0	55.5	
62 Isopropyl acetate	43	5.354	5.354	0.000	96	4616587	500.0	541.0	
63 Tert-amyl methyl ether	87	5.372	5.366	0.006	91	1416117	500.0	503.3	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	96	2063558	500.0	496.3	
65 n-Heptane	71	5.433	5.433	0.000	92	2056429	500.0	464.0	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	652128	50.0	50.0	
67 n-Butanol	56	5.769	5.763	0.006	87	1074579	12500	12495	
68 Trichloroethene	95	5.842	5.842	0.000	99	1802220	500.0	506.2	
70 Ethyl acrylate	55	5.915	5.915	0.000	97	2414002	500.0	499.9	a
69 Methylcyclohexane	83	5.958	5.952	0.006	96	3170940	500.0	480.3	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	91	1833063	500.0	507.7	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	92	43992	1000.0	1000.0	
73 Methyl methacrylate	100	6.128	6.128	0.000	84	911451	1000.0	1220.9	
74 n-Propyl acetate	43	6.165	6.165	0.000	97	2267430	500.0	606.3	
76 1,4-Dioxane	88	6.177	6.177	0.000	88	446594	10000	9474.7	
75 Dibromomethane	93	6.208	6.202	0.006	98	1074602	500.0	508.1	
77 Dichlorobromomethane	83	6.330	6.330	0.000	99	2124949	500.0	627.9	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	96	1106323	501.2	532.7	
79 2-Nitropropane	41	6.616	6.610	0.006	98	380069	1000.0	998.2	a
80 Epichlorohydrin	57	6.695	6.695	0.000	99	3286011	10000	10790	
81 cis-1,3-Dichloropropene	75	6.744	6.738	0.006	91	2642326	500.0	584.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	86	6806556	2500.0	2026.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.933	6.927	0.006	100	584804	50.0	47.3	
84 Toluene	91	6.988	6.982	0.006	98	5786960	500.0	387.1	
85 trans-1,3-Dichloropropene	75	7.207	7.201	0.006	95	2327281	500.0	706.9	
86 Ethyl methacrylate	69	7.201	7.201	0.000	83	2253280	500.0	499.7	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	97	1289184	500.0	504.6	
88 Tetrachloroethene	166	7.390	7.390	0.000	97	1689737	500.0	480.8	
89 1,3-Dichloropropane	76	7.482	7.476	0.006	96	2514718	500.0	477.6	
90 2-Hexanone	43	7.494	7.494	0.000	86	4770666	2500.0	2214.9	
91 n-Butyl acetate	73	7.549	7.543	0.006	97	483001	500.0	499.9	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	1527875	500.0	728.8	
93 Ethylene Dibromide	107	7.720	7.720	0.000	99	1509323	500.0	570.4	
* 94 Chlorobenzene-d5	117	8.000	8.000	0.000	83	489662	50.0	50.0	
95 Chlorobenzene	112	8.024	8.018	0.006	88	4007043	500.0	432.8	
96 Ethylbenzene	106	8.061	8.061	0.000	92	2601234	500.0	477.2	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	96	1731139	500.0	484.9	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	87	3038758	500.0	461.9	
99 n-Butyl acrylate	73	8.341	8.335	0.006	97	1353764	500.0	499.8	
100 o-Xylene	106	8.390	8.384	0.006	95	3165341	500.0	472.6	
101 Styrene	104	8.402	8.402	0.000	83	4378612	500.0	425.0	
102 Amyl acetate (mixed isomers)	43	8.469	8.469	0.000	94	2966221	500.0	499.7	
103 Bromoform	173	8.549	8.543	0.006	96	950302	500.0	489.6	
104 Isopropylbenzene	105	8.597	8.591	0.006	91	5699677	500.0	323.0	
\$ 105 4-Bromofluorobenzene	174	8.725	8.719	0.006	92	176542	50.0	49.3	
106 1,1,2,2-Tetrachloroethane	83	8.811	8.805	0.006	97	2151216	500.0	505.2	
107 Bromobenzene	156	8.817	8.811	0.006	96	2032267	500.0	488.6	
108 N-Propylbenzene	91	8.835	8.829	0.006	97	6216613	500.0	291.8	
109 trans-1,4-Dichloro-2-butene	53	8.847	8.841	0.006	75	564743	500.0	555.0	
110 1,2,3-Trichloropropane	110	8.847	8.847	0.000	93	631973	500.0	505.3	
111 4-Ethyltoluene	105	8.896	8.890	0.006	89	5847824	500.0	324.3	
112 2-Chlorotoluene	91	8.908	8.908	0.000	95	6264479	500.0	405.0	
113 1,3,5-Trimethylbenzene	105	8.933	8.927	0.006	94	5298346	500.0	343.5	
114 Butyl Methacrylate	87	8.957	8.951	0.006	89	2729010	500.0	499.6	
115 4-Chlorotoluene	91	8.975	8.969	0.006	92	4596269	500.0	386.1	
116 tert-Butylbenzene	119	9.110	9.103	0.007	86	4975439	500.0	421.0	
117 1,2,4-Trimethylbenzene	105	9.146	9.140	0.006	90	5318585	500.0	337.2	
118 sec-Butylbenzene	105	9.238	9.231	0.007	90	6219759	500.0	314.6	
119 4-Isopropyltoluene	119	9.311	9.305	0.006	86	5661578	500.0	335.9	
120 1,3-Dichlorobenzene	146	9.341	9.335	0.006	89	3561058	500.0	431.0	
* 121 1,4-Dichlorobenzene-d4	152	9.384	9.378	0.006	93	272569	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.396	9.390	0.006	85	3669191	500.0	437.5	
123 1,2,3-Trimethylbenzene	105	9.402	9.396	0.006	88	5687514	500.0	335.4	
124 Benzyl chloride	91	9.481	9.475	0.006	99	2956418	500.0	486.3	
125 2,3-Dihydroindene	117	9.530	9.524	0.006	90	5780913	500.0	323.0	
126 p-Diethylbenzene	119	9.536	9.530	0.006	85	4204905	500.0	419.7	
127 n-Butylbenzene	92	9.555	9.549	0.007	89	4090181	500.0	432.1	
128 1,2-Dichlorobenzene	146	9.634	9.628	0.006	90	3693318	500.0	428.6	
129 1,2,4,5-Tetramethylbenzene	119	10.054	10.042	0.012	92	5859055	500.0	380.7	
130 1,2-Dibromo-3-Chloropropane	75	10.164	10.158	0.006	97	334995	500.0	499.6	
131 1,3,5-Trichlorobenzene	180	10.268	10.256	0.012	97	3053381	500.0	449.3	
132 1,2,4-Trichlorobenzene	180	10.780	10.768	0.012	95	2476261	500.0	468.4	
133 Hexachlorobutadiene	225	10.853	10.847	0.006	95	1304941	500.0	517.6	
134 Naphthalene	128	11.024	11.018	0.006	98	4588245	500.0	476.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	11.249	11.243	0.006	95	1700630	500.0	496.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	983.4	
S 137 Xylenes, Total	100				0		1000.0	934.5	
S 138 Total BTEX	1				0		2500.0	2200.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00363	Amount Added: 50.00	Units: uL	
8FreonHi_00019	Amount Added: 50.00	Units: uL	
MIX I Hi_00126	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 50.00	Units: uL	
Ethanol mix_00041	Amount Added: 50.00	Units: uL	
ACROLEIN W_00107	Amount Added: 40.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00208	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

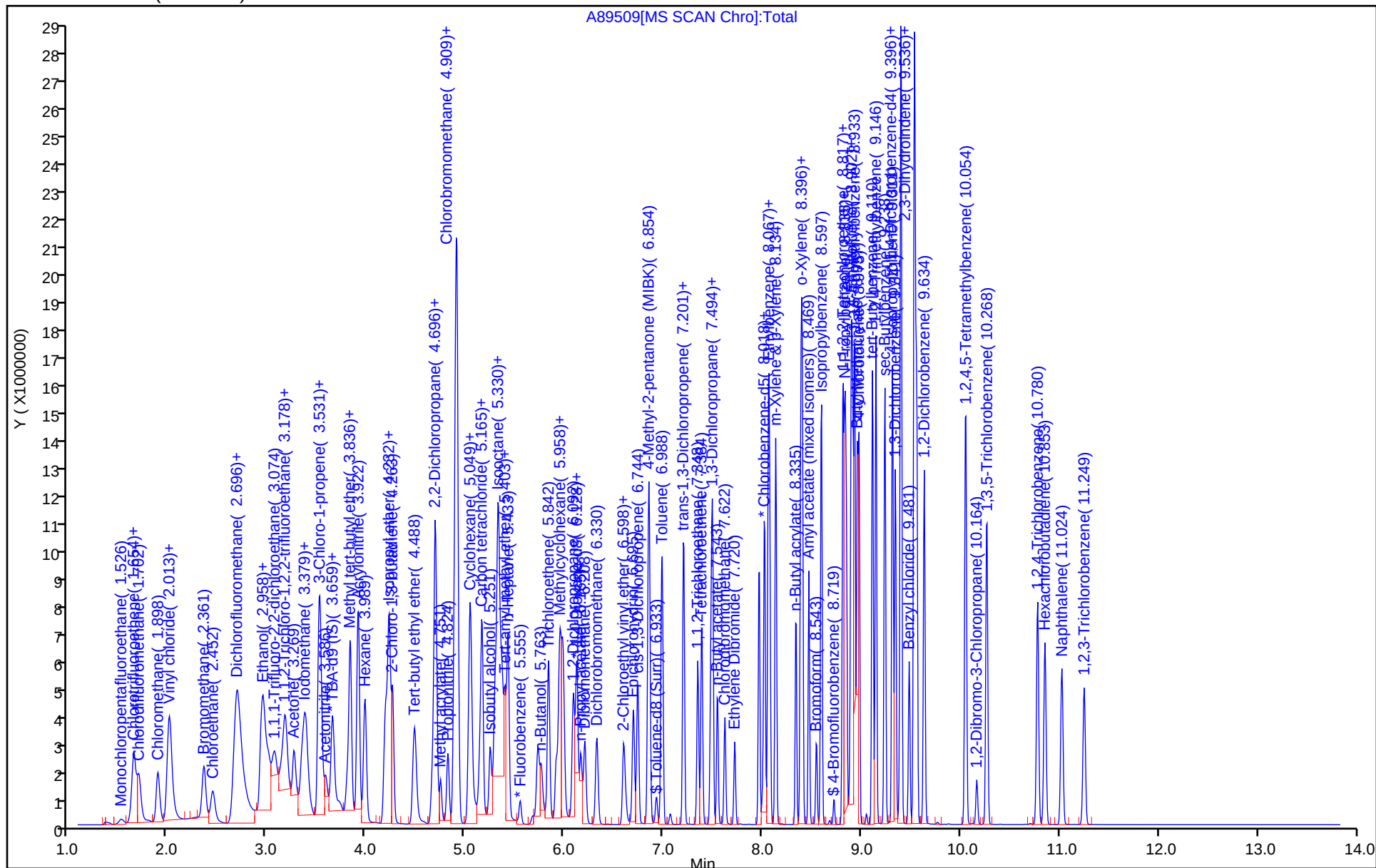
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

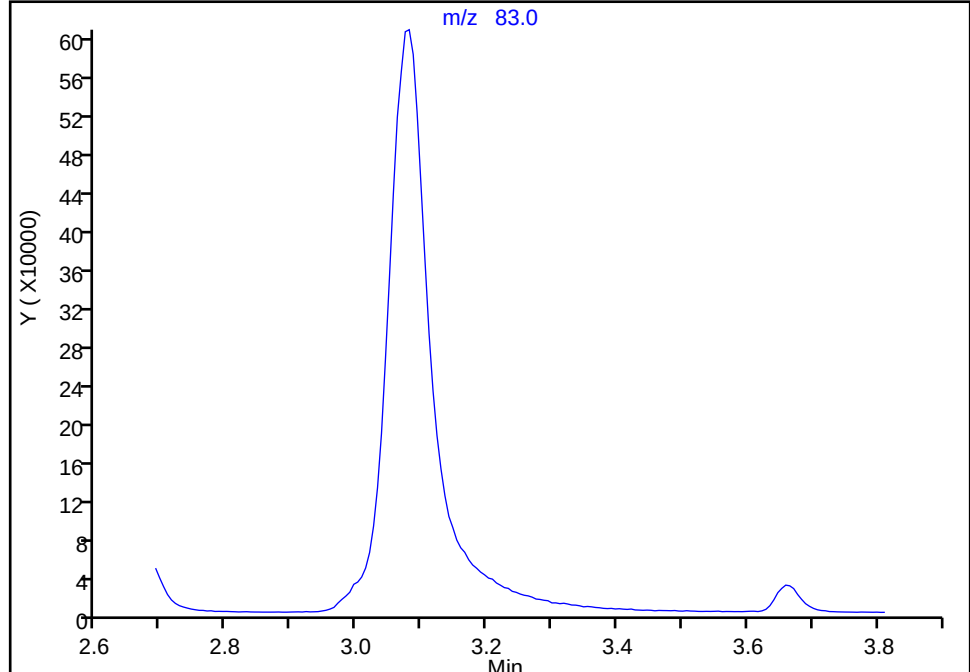
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

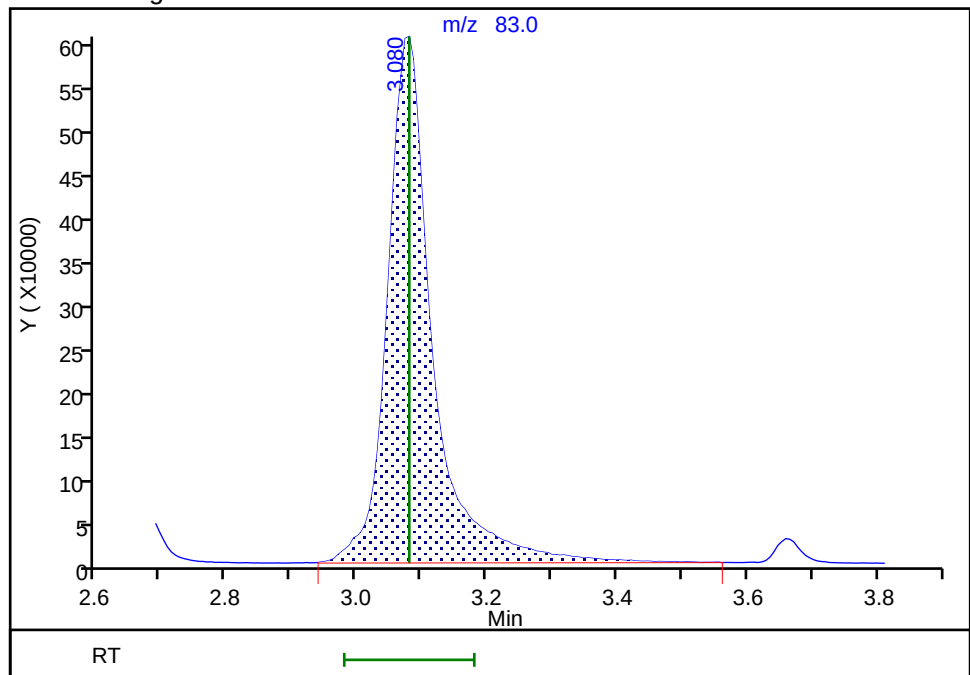
Not Detected

Expected RT: 3.08

Processing Integration Results



Manual Integration Results



RT: 3.08

Area: 2910170

Amount: 477.4824

Amount Units: ug/l

Reviewer: baronm, 12-Jun-2020 17:39:02

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

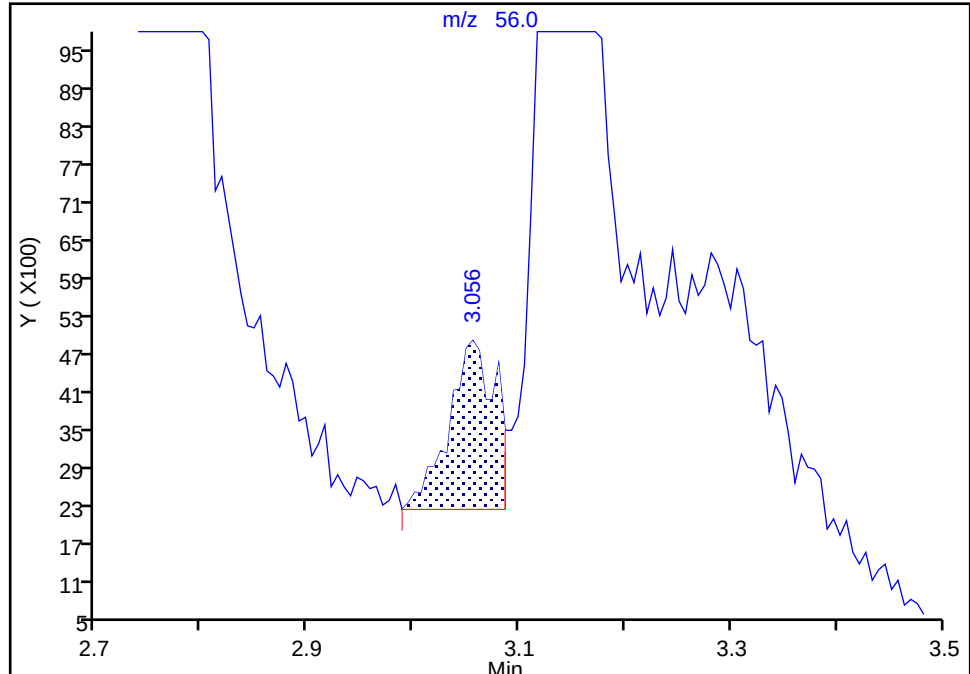
MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

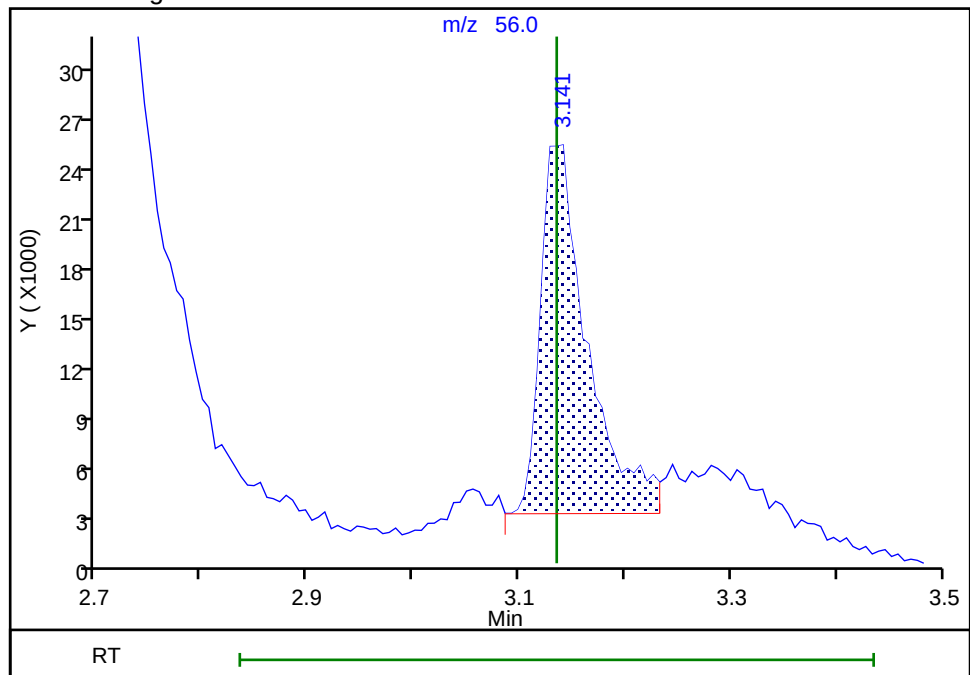
RT: 3.06
Area: 8143
Amount: 48.506051
Amount Units: ug/l

Processing Integration Results



RT: 3.14
Area: 66103
Amount: 402.4132
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:38:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

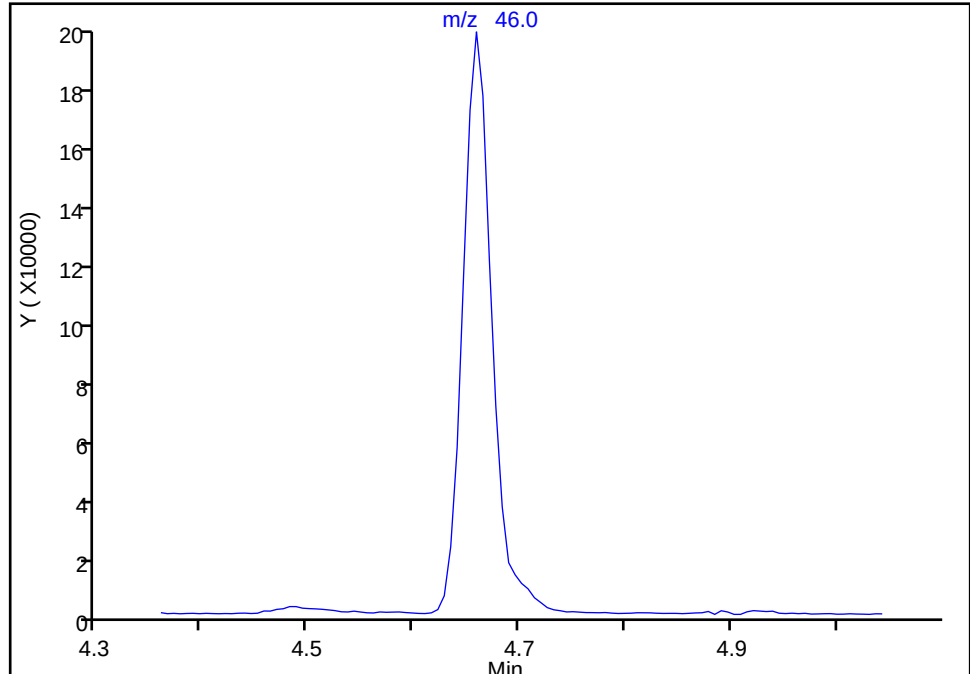
* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

Not Detected

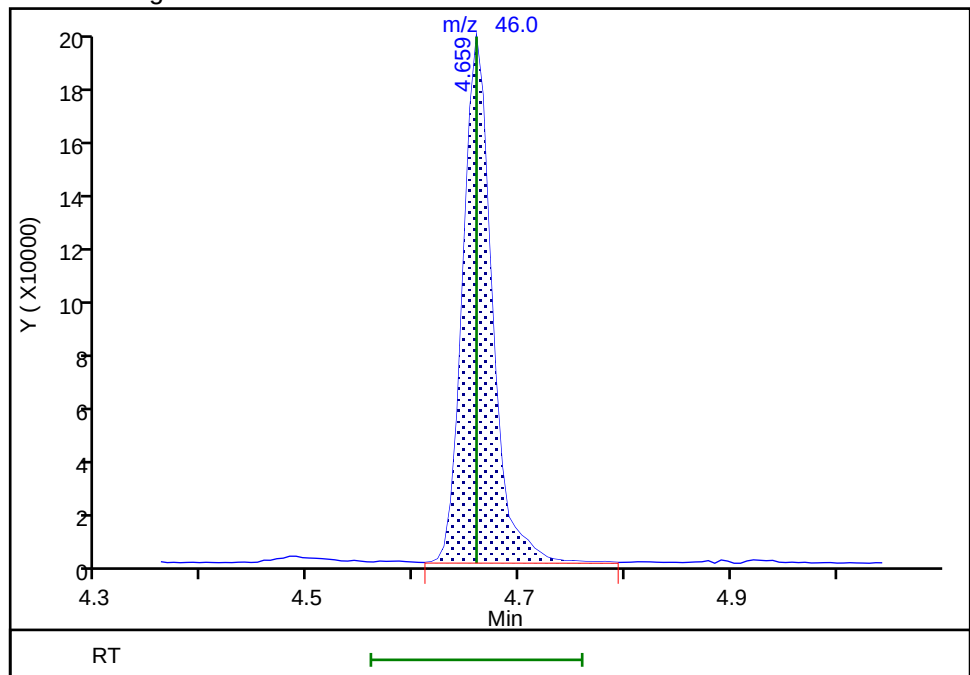
Expected RT: 4.66

Processing Integration Results



RT: 4.66
Area: 376846
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:38:41

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

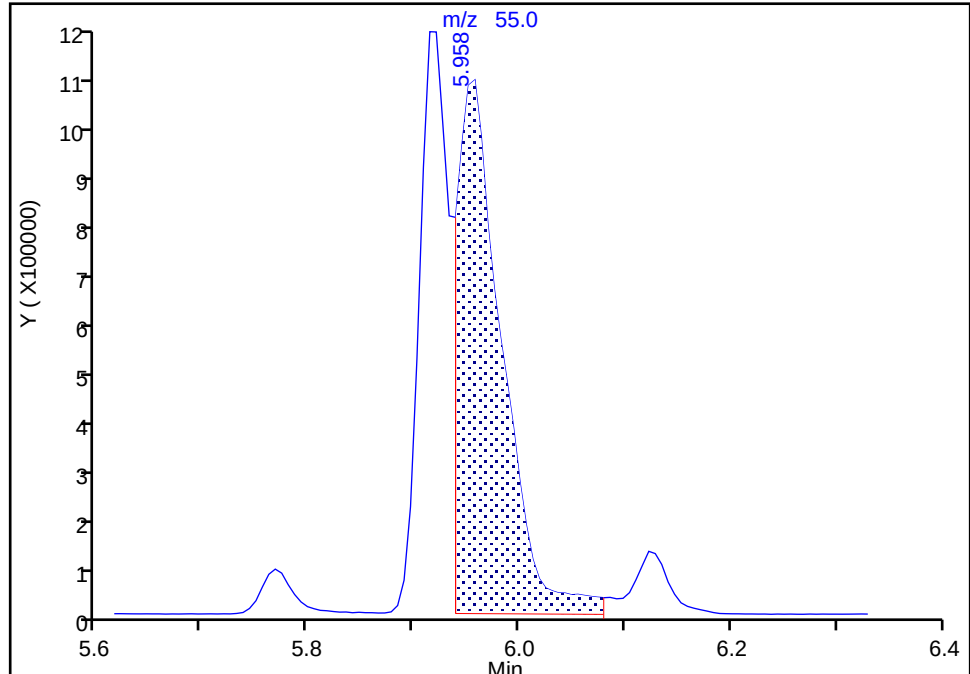
MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

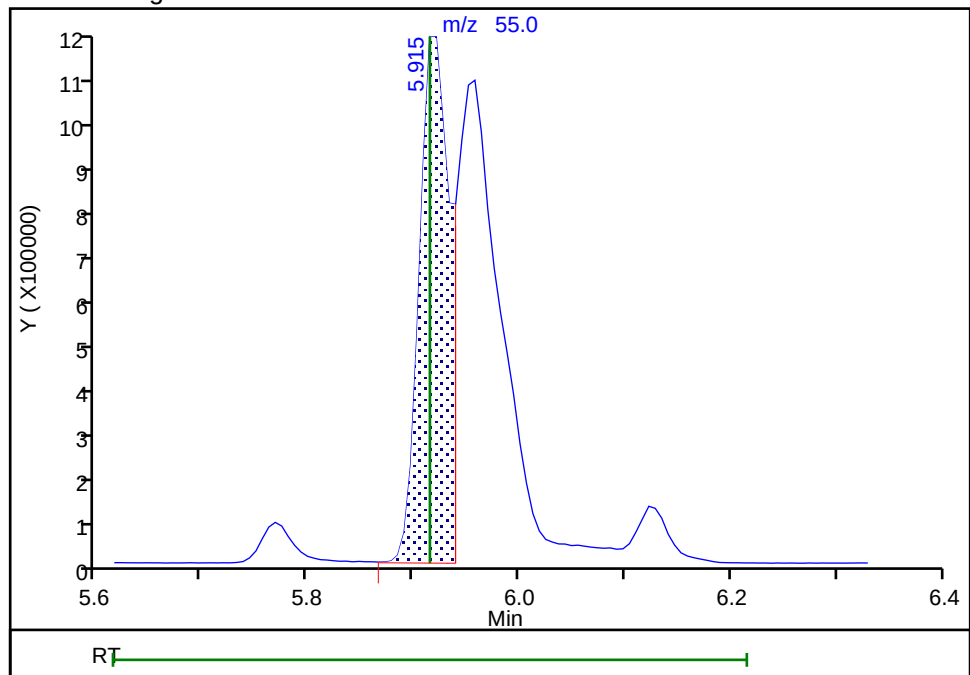
RT: 5.96
Area: 3157155
Amount: 500.1210
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 2414002
Amount: 499.8709
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:39:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D

Injection Date: 11-Jun-2020 04:26:30

Instrument ID: CVOAMS1

Lims ID: STD500

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

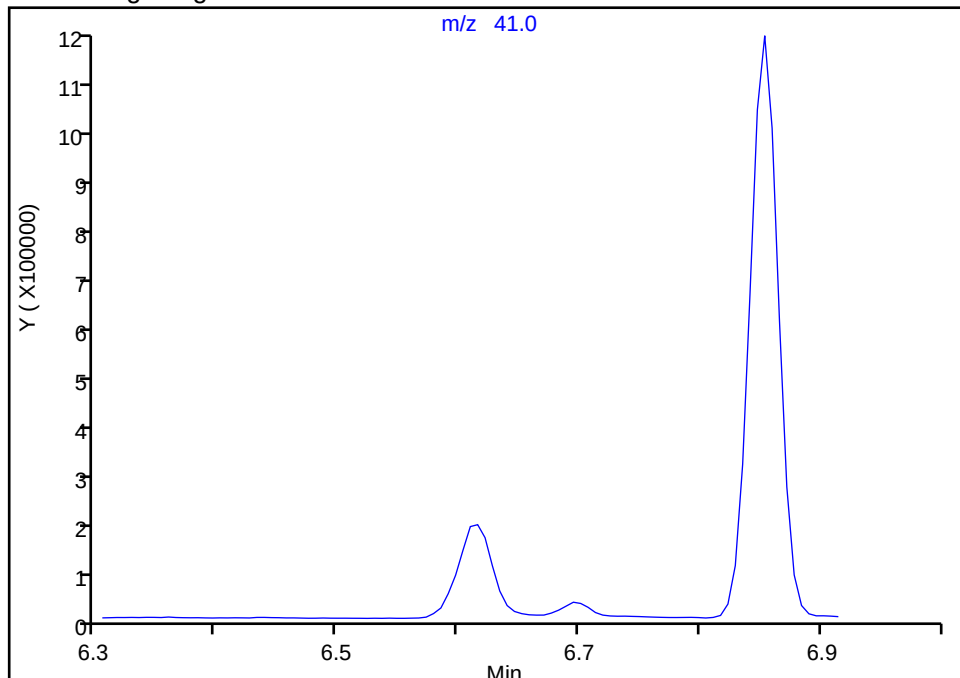
79 2-Nitropropane, CAS: 79-46-9

Signal: 1

Not Detected

Expected RT: 6.61

Processing Integration Results



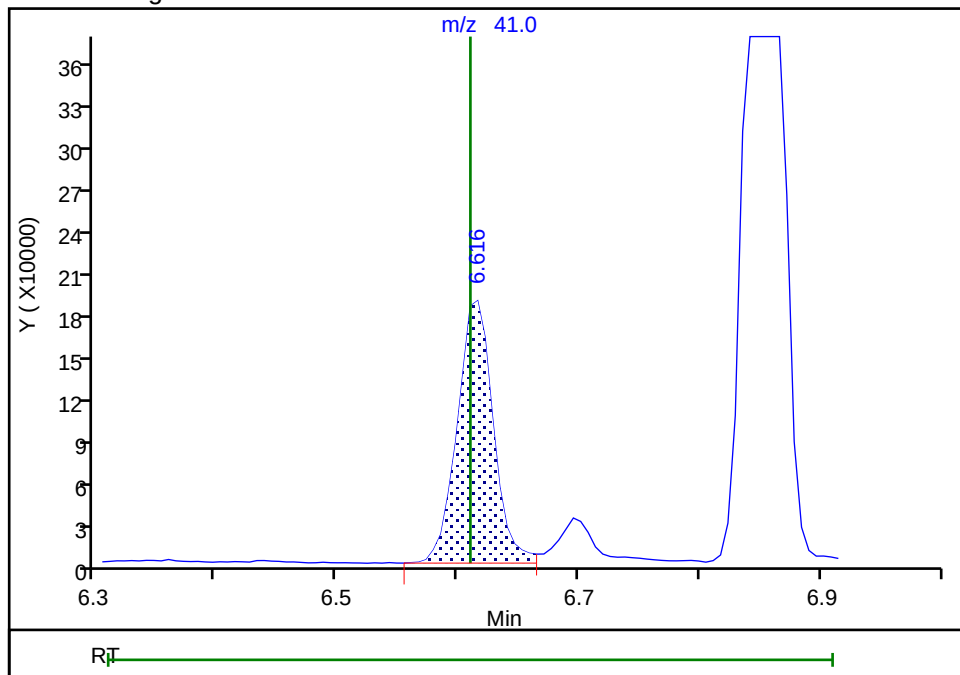
RT: 6.62

Area: 380069

Amount: 998.1547

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 12-Jun-2020 17:39:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-705288/4	F97862.D
Level 2	STD1 460-705288/5	F97863.D
Level 3	STD5 460-705288/6	F97864.D
Level 4	STD20 460-705288/7	F97865.D
Level 5	STD50 460-705288/8	F97866.D
Level 6	STD200 460-705288/9	F97867.D
Level 7	STD500 460-705288/10	F97868.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								
	LVL 6	LVL 7															
Monochloropentafluoroethane	+++++ 0.0293	+++++ 0.0276	0.0226	0.0327	0.0292	Ave		0.0283				12.9		20.0			
Chlorotrifluoroethene	+++++ 0.1183	0.1217 0.1183	0.1018	0.1230	0.1107	Ave		0.1156				6.9		20.0			
1,1-Difluoroethane	+++++ 0.2951	0.2566 0.2745	0.2703	0.2838	0.2803	Ave		0.2768				4.7		20.0			
Dichlorodifluoromethane	+++++ 0.3599	0.3644 0.3728	0.3116	0.3684	0.3289	Ave		0.3510			0.1000	7.1		20.0			
Chlorodifluoromethane	+++++ 0.3423	0.3636 0.3758	0.3419	0.3370	0.3085	Ave		0.3449				6.7		20.0			
Chloromethane	+++++ 0.3443	0.4465 0.3474	0.3537	0.3301	0.3268	Ave		0.3581			0.1000	12.4		20.0			
Butadiene	0.2675 0.3273	0.3550 0.3210	0.3099	0.3260	0.3068	Ave		0.3162				8.4		20.0			
Vinyl chloride	+++++ 0.3707	0.3570 0.3637	0.3395	0.3652	0.3408	Ave		0.3561			0.1000	3.7		20.0			
Bromomethane	+++++ 0.2122	0.2876 0.1738	0.2302	0.2225	0.2014	Ave		0.2213			0.1000	17.2		20.0			
Chloroethane	+++++ 0.1945	0.2310 0.1654	0.1999	0.1958	0.1793	Ave		0.1943			0.1000	11.4		20.0			
Dichlorofluoromethane	+++++ 0.4841	0.5622 0.5243	0.4476	0.4621	0.4248	Ave		0.4842				10.6		20.0			
Trichlorofluoromethane	+++++ 0.3896	0.3541 0.4076	0.3581	0.3636	0.3309	Ave		0.3673			0.1000	7.4		20.0			
Pentane	+++++ 1.9783	1.9990 2.3782	2.1898	2.2183	2.0088	Ave		2.1287				7.5		20.0			
Ethanol	+++++ 0.0445	0.0352 0.0460	0.0406	0.0505	0.0459	Ave		0.0438				12.0		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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 ether	++++ 0.2096	0.2244 0.2064	0.1913	0.2021	0.2023	Ave		0.2060				5.3		20.0			
2-Methyl-1,3-butadiene	++++ 0.2382	0.2528 0.2477	0.2199	0.2381	0.2288	Ave		0.2376				5.1		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2317	0.1780 0.2262	0.2122	0.2295	0.2223	Ave		0.2167				9.3		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3813	0.3951 0.3818	0.3527	0.3733	0.3673	Ave		0.3753				3.9		20.0			
Acrolein	++++ 0.8008	0.6399 0.7855	0.7465	0.8927	0.7505	Ave		0.7693				10.7		20.0			
Freon TF	++++ 0.2550	0.2663 0.2557	0.2371	0.2586	0.2400	Ave		0.2521			0.1000	4.5		20.0			
1,1-Dichloroethene	++++ 0.2659	0.2729 0.2678	0.2390	0.2543	0.2490	Ave		0.2582			0.1000	5.0		20.0			
Acetone	++++ 0.8661	1.0249 0.6232	0.5800	0.5758	0.5980	QuaF		0.9641	-0.000136		0.0500				0.9950		0.9900
Iodomethane	++++ 0.4379	0.4375 0.4358	0.4003	0.4214	0.4081	Ave		0.4235				3.9		20.0			
Isopropyl alcohol	++++ 0.4997	0.8354 0.4870	0.4654	0.3843	0.4089	Qua2	4.4416	0.3873	0.0000244						0.9940		0.9900
Carbon disulfide	++++ 1.0443	1.1466 1.0697	0.9713	0.9943	0.9639	Ave		1.0317			0.1000	6.8		20.0			
Allyl chloride	++++ 0.4607	0.4521 0.6486	0.4454	0.4299	0.4288	Ave		0.4776				17.7		20.0			
Methyl acetate	++++ 0.2170	0.2712 0.2000	0.2066	0.2084	0.2089	Ave		0.2187			0.1000	12.0		20.0			
Cyclopentene	++++ 0.6884	0.7971 0.7263	0.6410	0.6849	0.6706	Ave		0.7014				7.8		20.0			
Acetonitrile	++++ 1.5212	1.3410 1.3546	1.0575	1.0723	1.2189	Ave		1.2609				14.3		20.0			
Methylene Chloride	++++ 0.3160	0.3387 0.3176	0.3174	0.3017	0.2919	Ave		0.3139			0.1000	5.1		20.0			
2-Methyl-2-propanol	++++ 1.1210	1.1644 1.0357	1.2100	1.1129	1.0972	Ave		1.1235				5.3		20.0			
MTBE	++++ 0.6514	0.6917 0.6127	0.6400	0.6470	0.6268	Ave		0.6449			0.1000	4.2		20.0			
trans-1,2-Dichloroethene	++++ 0.2647	0.2784 0.2661	0.2441	0.2582	0.2568	Ave		0.2614			0.1000	4.4		20.0			
Acrylonitrile	0.1126 0.1244	0.1269 0.1201	0.1210	0.1179	0.1160	Ave		0.1198				4.1		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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								
Hexane	++++ 0.1997	0.2903 0.1901	0.2129	0.2155	0.2004	Ave		0.2181				16.8		20.0			
Isopropyl ether	++++ 0.7480	0.8310 0.7368	0.7446	0.7388	0.7278	Ave		0.7545				5.1		20.0			
1,1-Dichloroethane	++++ 0.4551	0.4381 0.4532	0.4164	0.4381	0.4358	Ave		0.4394			0.2000	3.2		20.0			
Vinyl acetate	++++ 0.0530	0.0664 0.0640	0.0549	0.0534	0.0535	Ave		0.0575				10.5		20.0			
2-Chloro-1,3-butadiene	++++ 0.2392	0.2233 0.2413	0.2137	0.2383	0.2391	Ave		0.2325				4.9		20.0			
Tert-butyl ethyl ether	++++ 0.6875	0.7715 0.6736	0.6667	0.6841	0.6722	Ave		0.6926				5.7		20.0			
2,2-Dichloropropane	++++ 0.0826	0.0810 0.0812	0.0821	0.0801	0.0792	Ave		0.0810				1.5		20.0			
cis-1,2-Dichloroethene	++++ 0.2886	0.3090 0.2796	0.2718	0.2796	0.2767	Ave		0.2842			0.1000	4.7		20.0			
Ethyl acetate	++++ 0.2790	0.2727 0.2622	0.2803	0.2759	0.2726	Ave		0.2738				2.4		20.0			
2-Butanone	++++ 0.3454	0.3915 0.2911	0.3180	0.3191	0.3103	Ave		0.3292			0.0500	10.7		20.0			
Methyl acrylate	++++ 0.3490	0.4611 0.3314	0.3632	0.3624	0.3666	Ave		0.3723				12.2		20.0			
Propionitrile	++++ 1.7989	1.7659 1.8540	1.6335	1.6586	1.6718	Ave		1.7305				5.1		20.0			
Bromochloromethane	++++ 0.1353	0.1612 0.1294	0.1304	0.1323	0.1299	Ave		0.1364				9.0		20.0			
Tetrahydrofuran	++++ 0.3420	0.4337 0.3150	0.3525	0.3612	0.3517	Ave		0.3594				11.1		20.0			
Methacrylonitrile	++++ 0.1374	0.1393 0.1300	0.1315	0.1342	0.1311	Ave		0.1339				2.8		20.0			
Chloroform	++++ 0.4107	0.4444 0.3956	0.4005	0.4085	0.4020	Ave		0.4103			0.2000	4.3		20.0			
Cyclohexane	++++ 0.4632	0.4722 0.4756	0.4244	0.4602	0.4305	Ave		0.4544			0.1000	4.8		20.0			
1,1,1-Trichloroethane	++++ 0.3758	0.3658 0.3783	0.3445	0.3582	0.3502	Ave		0.3621			0.1000	3.8		20.0			
Carbon tetrachloride	++++ 0.3120	0.2955 0.3155	0.2653	0.2821	0.2770	Ave		0.2912			0.1000	6.9		20.0			
1,1-Dichloropropene	++++ 0.3558	0.3968 0.3476	0.3325	0.3513	0.3398	Ave		0.3540				6.4		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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								
Isobutyl alcohol	++++ 0.4196	0.2822 0.4454	0.3257	0.3110	0.3321	Ave		0.3527				18.3		20.0			
Benzene	++++ 1.5267	1.7085 1.4604	1.5446	1.5842	1.5281	Ave		1.5587			0.5000	5.4		20.0			
Isopropyl acetate	++++ 0.7176	0.8579 0.6831	0.6814	0.7012	0.6958	Ave		0.7228				9.3		20.0			
Tert-amyl methyl ether	++++ 0.7534	0.7638 0.7166	0.7336	0.7498	0.7184	Ave		0.7393				2.6		20.0			
1,2-Dichloroethane	++++ 0.3246	0.3796 0.3166	0.3166	0.3149	0.3162	Ave		0.3281			0.1000	7.8		20.0			
n-Heptane	++++ 0.2030	0.2396 0.1876	0.2066	0.2170	0.2061	Ave		0.2100				8.3		20.0			
n-Butanol	++++ 0.3199	0.2511 0.3245	0.2756	0.2884	0.2874	Ave		0.2911				9.5		20.0			
Trichloroethene	++++ 0.2696	0.2823 0.2567	0.2512	0.2578	0.2510	Ave		0.2614			0.2000	4.7		20.0			
Ethyl acrylate	++++ 0.7491	0.6183 0.7616	0.6022	0.6929	0.6799	Ave		0.6840				9.6		20.0			
Methylcyclohexane	++++ 0.5223	0.5022 0.5307	0.4531	0.5031	0.4834	Ave		0.4991			0.1000	5.6		20.0			
1,2-Dichloropropane	++++ 0.2786	0.2722 0.2728	0.2547	0.2711	0.2630	Ave		0.2687			0.1000	3.2		20.0			
Methyl methacrylate	++++ 0.0880	0.0817 0.0872	0.0748	0.0790	0.0800	Ave		0.0818				6.2		20.0			
1,4-Dioxane	++++ 1.0743	1.1499 0.8009	1.3026	1.1231	1.1585	Ave		1.1016				15.1		20.0			
Dibromomethane	++++ 0.1654	0.1897 0.1608	0.1531	0.1609	0.1549	Ave		0.1641				8.1		20.0			
n-Propyl acetate	++++ 0.3947	0.4117 0.3798	0.3624	0.3585	0.3620	Ave		0.3782				5.7		20.0			
Bromodichloromethane	++++ 0.3412	0.3309 0.3403	0.2934	0.3134	0.3119	Ave		0.3218			0.2000	5.9		20.0			
2-Nitropropane	++++ 0.0650	0.0830 0.0662	0.0564	0.0542	0.0548	Ave		0.0633				17.4		20.0			
2-Chloroethyl vinyl ether	++++ 0.1695	0.1552 0.1749	0.1393	0.1442	0.1499	Ave		0.1555				9.1		20.0			
Epichlorohydrin	0.2271 0.2678	0.2496 0.2421	0.2260	0.2396	0.2371	Ave		0.2413				5.9		20.0			
cis-1,3-Dichloropropene	++++ 0.6219	0.6962 0.6067	0.5669	0.5861	0.5959	Ave		0.6123			0.2000	7.4		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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								
4-Methyl-2-pentanone	++++ 2.3885	2.2332 2.2459	2.1376	2.2447	2.2518	Ave		2.2503			0.0500	3.6		20.0			
Toluene	++++ 1.6538	1.8125 1.5859	1.5856	1.6233	1.6086	Ave		1.6450			0.4000	5.2		20.0			
trans-1,3-Dichloropropene	++++ 0.5589	0.4981 0.5583	0.4774	0.5056	0.5174	Ave		0.5193			0.1000	6.4		20.0			
Ethyl methacrylate	++++ 0.5612	0.5013 0.5466	0.4813	0.5199	0.5254	Ave		0.5226				5.6		20.0			
1,1,2-Trichloroethane	++++ 0.2899	0.2776 0.2786	0.2851	0.2929	0.2753	Ave		0.2832			0.1000	2.5		20.0			
Tetrachloroethene	++++ 0.3232	0.3334 0.3034	0.3218	0.3263	0.3198	Ave		0.3213			0.2000	3.1		20.0			
1,3-Dichloropropane	++++ 0.6024	0.6600 0.5903	0.5603	0.5682	0.5744	Ave		0.5926				6.1		20.0			
2-Hexanone	++++ 1.6505	1.4190 1.5153	1.3155	1.4132	1.4260	Ave		1.4566			0.0500	7.8		20.0			
n-Butyl acetate	++++ 0.5915	0.6065 0.5890	0.5618	0.5601	0.5604	Ave		0.5782				3.5		20.0			
Dibromochloromethane	++++ 0.3359	0.3156 0.3285	0.3029	0.3021	0.3126	Ave		0.3162			0.1000	4.3		20.0			
1,2-Dibromoethane	++++ 0.3352	0.3069 0.3293	0.3127	0.3184	0.3198	Ave		0.3204			0.1000	3.3		20.0			
Chlorobenzene	++++ 1.0322	0.9970 1.0213	0.9642	1.0102	0.9899	Ave		1.0025			0.5000	2.4		20.0			
Ethylbenzene	++++ 0.5756	0.6544 0.5599	0.5508	0.5745	0.5597	Ave		0.5792			0.1000	6.6		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3453	0.3208 0.3299	0.3111	0.3334	0.3300	Ave		0.3284				3.5		20.0			
m&p-Xylene	++++ 0.7196	0.6850 0.6985	0.6534	0.7048	0.6916	Ave		0.6921			0.1000	3.2		20.0			
n-Butyl acrylate	++++ 0.3393	0.3084 0.3420	0.2923	0.3165	0.3260	Ave		0.3207				5.9		20.0			
o-Xylene	++++ 0.7328	0.7040 0.6957	0.6812	0.7347	0.7160	Ave		0.7107			0.3000	3.0		20.0			
Styrene	++++ 1.1861	1.1271 1.1690	1.0690	1.1554	1.1372	Ave		1.1406			0.3000	3.6		20.0			
Amyl acetate (mixed isomers)	++++ 1.4408	1.2278 1.4670	1.2169	1.2868	1.3415	Ave		1.3302				8.0		20.0			
Bromoform	++++ 0.2106	0.2177 0.2006	0.1887	0.1967	0.1960	Ave		0.2017			0.1000	5.3		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288
SDG No.: _____
Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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								
Isopropylbenzene	++++ 1.9334	1.7952 1.8493	1.6720	1.8296	1.7810	Ave		1.8101			0.1000	4.8		20.0			
Bromobenzene	++++ 0.7813	0.7558 0.7587	0.7100	0.7522	0.7482	Ave		0.7510				3.1		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.9864	0.9373 0.9803	0.8928	0.9200	0.9339	Ave		0.9418			0.3000	3.8		20.0			
N-Propylbenzene	++++ 4.7429	4.2321 4.5098	3.9815	4.3507	4.3812	Ave		4.3664				5.9		20.0			
1,2,3-Trichloropropane	++++ 0.2745	0.3041 0.2580	0.2721	0.2771	0.2704	Ave		0.2760				5.5		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.2429	0.2613 0.2377	0.2098	0.2224	0.2297	Ave		0.2340				7.6		20.0			
2-Chlorotoluene	++++ 3.1047	2.8317 3.0557	2.6671	2.8504	2.9411	Ave		2.9084				5.5		20.0			
4-Ethyltoluene	++++ 3.6449	3.3873 3.6223	3.1273	3.4521	3.5464	Ave		3.4634				5.5		20.0			
1,3,5-Trimethylbenzene	++++ 3.3096	2.6369 3.2530	2.6840	2.9647	3.0176	Ave		2.9776				9.4		20.0			
4-Chlorotoluene	++++ 2.6868	2.6496 2.7326	2.3364	2.4783	2.5294	Ave		2.5689				5.8		20.0			
Butyl Methacrylate	++++ 1.2209	0.9162 1.2541	0.9448	1.0600	1.1237	Ave		1.0866				12.8		20.0			
tert-Butylbenzene	++++ 2.6386	2.0453 2.5801	2.0088	2.3377	2.4714	Ave		2.3470				11.4		20.0			
1,2,4-Trimethylbenzene	++++ 3.3936	2.8768 3.3006	2.7972	3.0928	3.1367	Ave		3.0996				7.5		20.0			
sec-Butylbenzene	++++ 4.3123	3.4652 4.0544	3.3781	3.8199	3.9868	Ave		3.8361				9.4		20.0			
1,3-Dichlorobenzene	++++ 1.5182	1.6422 1.3690	1.4828	1.5421	1.5105	Ave		1.5108			0.6000	5.9		20.0			
4-Isopropyltoluene	++++ 3.5920	2.8660 3.2640	2.7784	3.2604	3.3158	Ave		3.1794				9.6		20.0			
1,4-Dichlorobenzene	++++ 1.5524	1.6628 1.4832	1.5160	1.5384	1.5259	Ave		1.5464			0.5000	4.0		20.0			
1,2,3-Trimethylbenzene	++++ 3.4992	3.0400 3.4381	2.8742	3.2194	3.2600	Ave		3.2218				7.3		20.0			
Benzyl chloride	++++ 1.9150	1.5238 1.9197	1.4660	1.6390	1.7337	Ave		1.6995				11.3		20.0			
Indan	++++ 3.3318	3.1395 3.2140	2.9728	3.1218	3.2231	Ave		3.1672				3.8		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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								
p-Diethylbenzene	++++ 1.8443	1.6555 1.7853	1.6391	1.7922	1.7934	Ave		1.7517				4.8		20.0			
n-Butylbenzene	++++ 1.9259	1.6880 1.8502	1.6406	1.8422	1.8390	Ave		1.7976				6.1		20.0			
1,2-Dichlorobenzene	++++ 1.6071	1.5863 1.5432	1.5677	1.5924	1.5853	Ave		1.5803			0.4000	1.4		20.0			
1,2,4,5-Tetramethylbenzene	++++ 3.5292	2.9258 3.2700	2.9078	3.1736	3.3391	Ave		3.1909				7.6		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2217	0.2543 0.1979	0.2051	0.1985	0.2081	Ave		0.2143			0.0500	10.0		20.0			
1,3,5-Trichlorobenzene	++++ 1.2181	1.3961 1.0949	1.1548	1.2315	1.2039	Ave		1.2165				8.3		20.0			
1,2,4-Trichlorobenzene	++++ 1.1675	1.2754 1.0309	1.1175	1.1889	1.1687	Ave		1.1581			0.2000	7.0		20.0			
Hexachlorobutadiene	++++ 0.4437	0.4366 0.3844	0.4067	0.4311	0.4317	Ave		0.4224				5.3		20.0			
Naphthalene	++++ 3.7564	3.5177 3.4333	3.3430	3.4882	3.5423	Ave		3.5135				3.9		20.0			
1,2,3-Trichlorobenzene	++++ 1.1182	1.1394 0.9884	1.0541	1.1012	1.1070	Ave		1.0847				5.1		20.0			
Dibromofluoromethane (Surr)	0.2241 0.2191	0.2216 0.2199	0.2214	0.2245	0.2206	Ave		0.2216				0.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2669 0.2770	0.2743 0.2954	0.2690	0.2676	0.2676	Ave		0.2739				3.7		20.0			
Toluene-d8 (Surr)	1.4067 1.3468	1.3953 1.3118	1.3980	1.3981	1.3928	Ave		1.3785				2.6		20.0			
Bromofluorobenzene	0.3636 0.3551	0.3791 0.3602	0.3692	0.3676	0.3570	Ave		0.3645				2.3		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-705288/4	F97862.D
Level 2	STD1 460-705288/5	F97863.D
Level 3	STD5 460-705288/6	F97864.D
Level 4	STD20 460-705288/7	F97865.D
Level 5	STD50 460-705288/8	F97866.D
Level 6	STD200 460-705288/9	F97867.D
Level 7	STD500 460-705288/10	F97868.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
Monochloropentafluoroethane	FB	Ave	++++ 59239	++++ 135516	1198	6913	16091	++++ 200	++++ 500	5.00	20.0	50.0
Chlorotrifluoroethene	FB	Ave	++++ 238966	1187 580550	5383	26027	60977	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	++++ 596097	2503 1346694	14299	60047	154421	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 726858	3554 1828963	16484	77938	181213	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 691414	3547 1843845	18083	71287	169971	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 695334	4355 1704670	18709	69841	180027	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	731 661045	3463 1575113	16393	68969	169029	0.250 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 748645	3482 1784506	17960	77250	187739	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 428505	2805 852691	12175	47073	110965	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 392739	2253 811415	10572	41418	98787	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 977815	5484 2572433	23676	97765	234009	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 786852	3454 2000049	18944	76918	182278	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 218968	1084 572152	5490	22685	53385	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	++++ 98533	382 221170	2036	10330	24376	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 423294	2189 1012527	10119	42745	111429	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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-Methyl-1,3-butadiene	FB	Ave	++++ 481142	2466 1215541	11634	50374	126023	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 467954	1736 1109700	11227	48557	122474	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 770016	3854 1873494	18657	78966	202358	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 44318	694 75588	3743	9129	19944	++++ 200	4.00 400	20.0	40.0	100
Freon TF	FB	Ave	++++ 514995	2598 1254690	12542	54698	132215	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 537120	2662 1314071	12644	53804	137189	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	QuaF	++++ 1120867	6191 1957608	18967	73899	200955	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 884359	4267 2138433	21173	89145	224826	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Qua2	++++ 276525	2265 585875	5834	19649	54333	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2109078	11184 5248453	51377	210335	531038	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 930412	4410 3182139	23562	90950	236251	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 876349	5291 1962667	21861	88186	230179	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1390326	7775 3563584	33906	144898	369448	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 841870	3636 1629420	13257	54829	161971	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 638274	3304 1558216	16788	63829	160805	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 620376	3157 1245860	15168	56904	145797	++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	++++ 1315654	6747 3005960	33854	136874	345287	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 534605	2716 1305465	12912	54629	141470	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2462 2512492	12381 5890456	63994	249492	639096	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 403294	2832 932509	11260	45598	110394	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1510778	8106 3614794	39388	156302	400943	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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-Dichloroethane	FB	Ave	++++ 919147	4273 2223763	22026	92676	240076	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 214027	1296 628072	5810	22581	58980	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 483188	2178 1183979	11304	50421	131701	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1388512	7525 3304966	35268	144722	370335	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 166854	790 398359	4344	16950	43655	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 582857	3014 1372024	14376	59157	152416	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 144406	659 329536	3667	14166	36643	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone	BUT	Ave	++++ 447049	2365 914429	10400	40956	104269	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	CBNZ d5	Ave	++++ 526079	3084 1256679	13104	53129	142075	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 995546	4788 2230224	20477	84808	222144	++++ 2000	10.0 5000	50.0	200	500
Bromochloromethane	FB	Ave	++++ 273284	1572 634938	6897	27986	71535	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 177065	1048 395783	4611	18541	47280	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2775923	13587 6378454	69575	283826	721996	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 829434	4335 1940803	21186	86412	221452	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 935465	4606 2333678	22450	97359	237144	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 758896	3568 1856060	18220	75778	192944	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 630148	2882 1547783	14031	59688	152594	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 718569	3870 1705692	17590	74323	187204	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 580517	1913 1339504	10207	39760	110308	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2301573	11428 5537382	55733	232213	592194	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1449363	8368 3351489	36044	148341	383303	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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
Tert-amyl methyl ether	FB	Ave	++++ 1521645	7450 3516104	38806	158618	395776	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 655538	3703 1553317	16747	66614	174207	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 410078	2337 920223	10927	45908	113568	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 442564	1702 975781	8638	36862	95469	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 544462	2754 1259345	13289	54531	138295	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1512855	6031 3736935	31853	146575	374559	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1054783	4899 2603960	23967	106437	266294	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 562715	2655 1338222	13473	57341	144893	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 355605	1594 855300	7915	33419	88095	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 109641	1330 246383	2638	10289	27282	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 334129	1850 789151	8099	34030	85314	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 797241	4016 1863345	19169	75848	199442	++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	++++ 689060	3228 1669659	15518	66290	171814	++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	++++ 262358	1620 649768	5970	22943	60373	++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	++++ 343095	1517 860393	7386	30585	82791	++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	++++ 1386190	1456 3042209	29563	123015	318795	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 937480	4657 2300565	20454	85918	230930	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone	BUT	Ave	++++ 3091108	13490 7055505	69901	288091	756782	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2493107	12124 6013443	57214	237955	623367	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 842569	3332 2116932	17226	74117	200489	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 846084	3353 2072520	17366	76216	203623	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 437043	1857 1056444	10288	42931	106673	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 487247	2230 1150297	11610	47824	123921	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 908165	4415 2238090	20216	83292	222602	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 2136074	8572 4760338	43020	181365	479248	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 891642	4057 2233266	20272	82097	217165	++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	++++ 506316	2111 1245531	10931	44277	121126	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 505287	2053 1248554	11282	46669	123945	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1556111	6669 3872533	34793	148085	383622	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 867734	4377 2123017	19876	84213	216913	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 520551	2146 1251063	11224	48877	127902	++++ 200	1.00 500	5.00	20.0	50.0
m&p-Xylene	CBNZ d5	Ave	++++ 1084744	4582 2648695	23576	103306	268024	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 511450	2063 1296871	10547	46387	126349	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1104790	4709 2637965	24580	107691	277451	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1788100	7539 4432572	38573	169370	440698	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 1084830	4539 2745006	24094	100615	265087	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 317554	1456 760709	6808	28827	75954	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 2914681	12008 7011891	60331	268196	690200	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 588234	2794 1419611	14058	58815	147852	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 742656	3465 1834240	17676	71934	184537	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 3571020	15645 8438680	78830	340171	865742	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 206682	1124 482786	5388	21665	53431	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 182869	966 444783	4153	17391	45384	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2337577	10468 5717833	52807	222865	581160	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 2744319	12522 6777951	61919	269913	700773	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2491881	9748 6086919	53141	231801	596275	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2022944	9795 5113272	46260	193770	499814	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 919269	3387 2346707	18706	82876	222041	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1986700	7561 4827790	39772	182775	488353	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 2555100	10635 6175994	55383	241820	619815	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3246849	12810 7586463	66884	298670	787799	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1143087	6071 2561578	29359	120575	298479	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 2704485	10595 6107573	55011	254920	655205	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1168819	6147 2775312	30015	120283	301523	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 2634642	11238 6433284	56908	251718	644182	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1441814	5633 3592120	29026	128149	342588	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 2508604	11606 6014045	58860	244081	636896	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1388626	6120 3340630	32454	140128	354384	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1450089	6240 3461989	32482	144040	363391	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1210042	5864 2887635	31039	124503	313260	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2657235	10816 6118782	57573	248138	659817	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 166903	940 370396	4061	15519	41123	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 917102	5161 2048822	22864	96288	237891	++++ 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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 705288

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/01/2020 16:17 Calibration End Date: 07/01/2020 18:44 Calibration ID: 80857

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
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 879068	4715 1928974	22125	92953	230939	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 334097	1614 719222	8052	33710	85295	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 2828307	13004 6424232	66190	272734	699972	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 841895	4212 1849382	20871	86103	218740	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	122502 110632	108076 107867	117110	118712	121513	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	145842 139838	133785 144948	142264	141511	147407	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	516519 507591	466653 497414	504464	512332	539739	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	133502 133828	126800 136567	133223	134711	138362	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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 01-Jul-2020 16:17:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0112547-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:35:22 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 02-Jul-2020 19:32:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
7 Butadiene	54	1.862	1.853	0.009	39	731	0.2500	0.2115	
* 31 TBA-d9 (IS)	65	3.193	3.185	0.008	0	246765	1000.0	1000.0	
35 Acrylonitrile	53	3.439	3.439	0.000	94	2462	2.00	1.88	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	320498	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	96	122502	50.0	50.6	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.033	5.025	0.008	0	145842	50.0	48.7	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	546528	50.0	50.0	
* 71 1,4-Dioxane-d8	96	5.995	5.995	0.000	0	21356	1000.0	1000.0	
79 Epichlorohydrin	57	6.652	6.644	0.008	89	1456	5.00	4.71	a
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	100	516519	50.0	51.0	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	86	367194	50.0	50.0	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	86	133502	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	96	196698	50.0	50.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00075	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 0.00	Units: uL	
ACROLEIN W_00108	Amount Added: 0.00	Units: uL	
8FreonHi_00020	Amount Added: 0.00	Units: uL	
MIX I Hi_00127	Amount Added: 0.00	Units: uL	
524freon_00024	Amount Added: 0.00	Units: uL	
14DIOXINTER_00116	Amount Added: 0.00	Units: uL	
Ethanol mix_00041	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

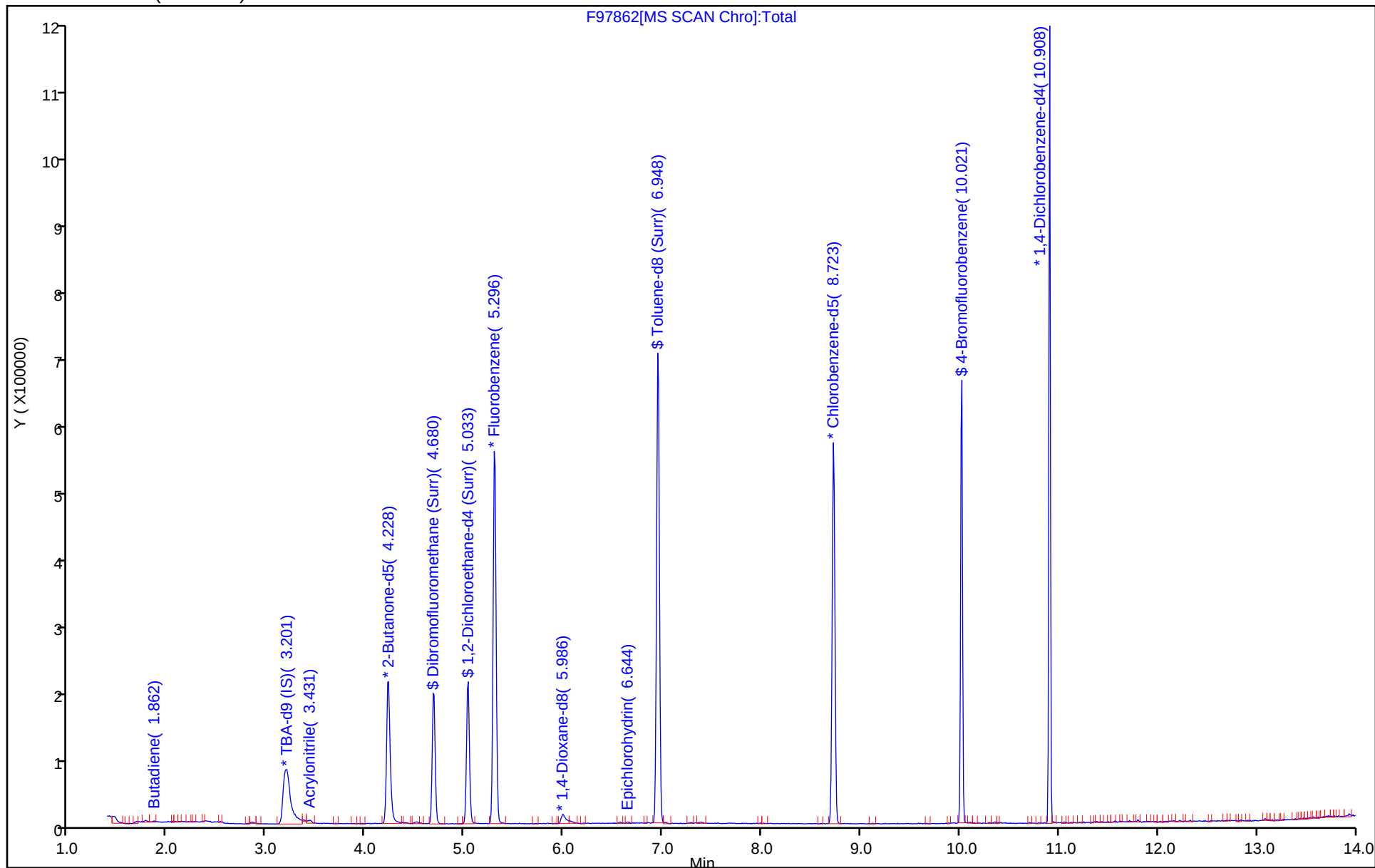
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

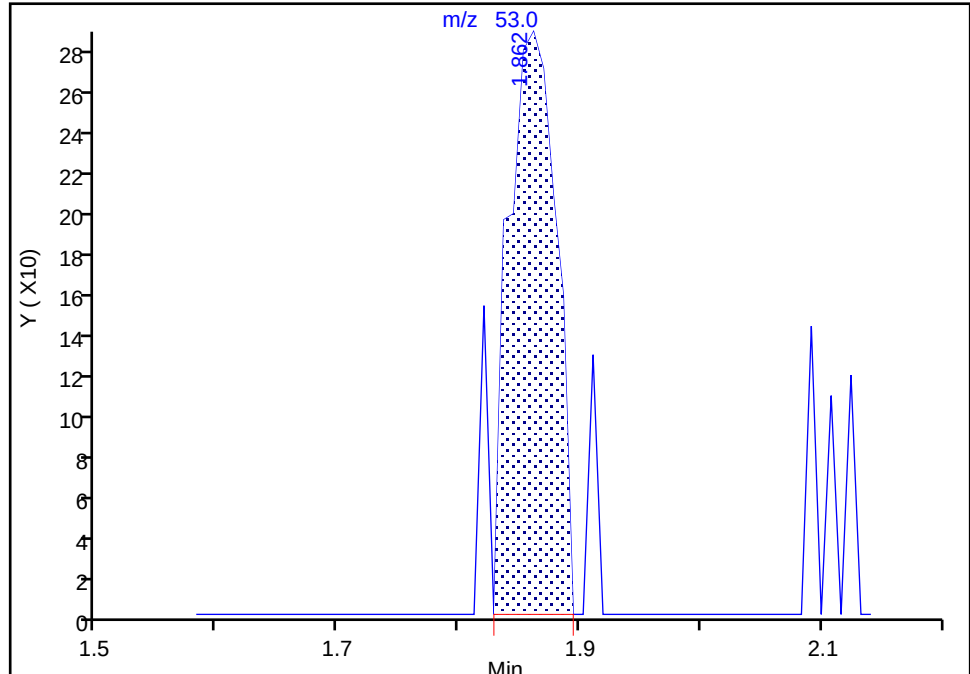
Detector: MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 2

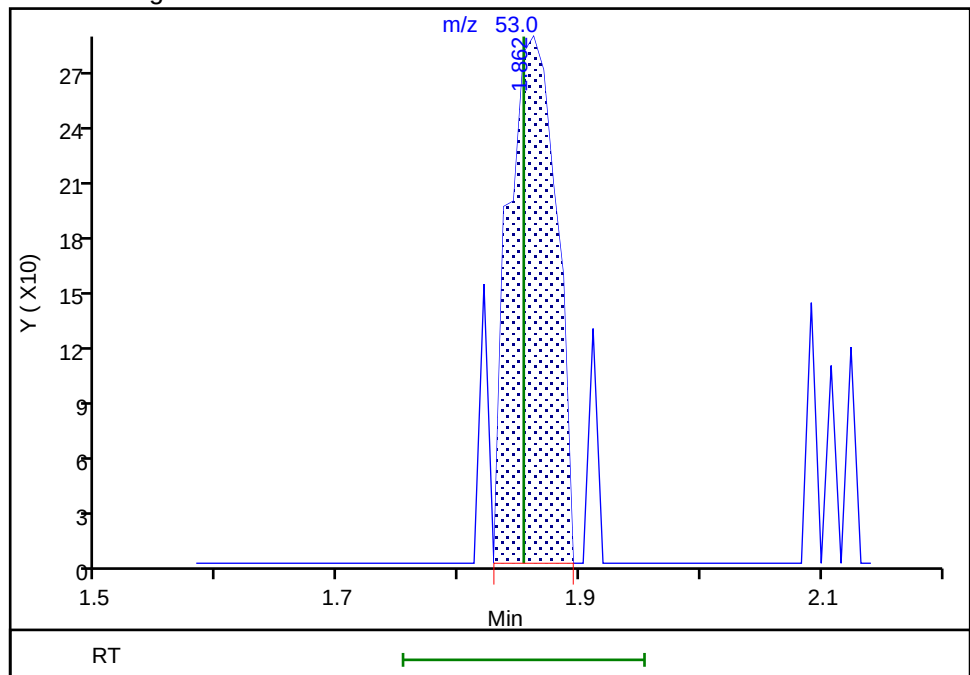
RT: 1.86
Area: 778
Amount: 0.211480
Amount Units: ug/l

Processing Integration Results



RT: 1.86
Area: 778
Amount: 0.211480
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 19:30:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

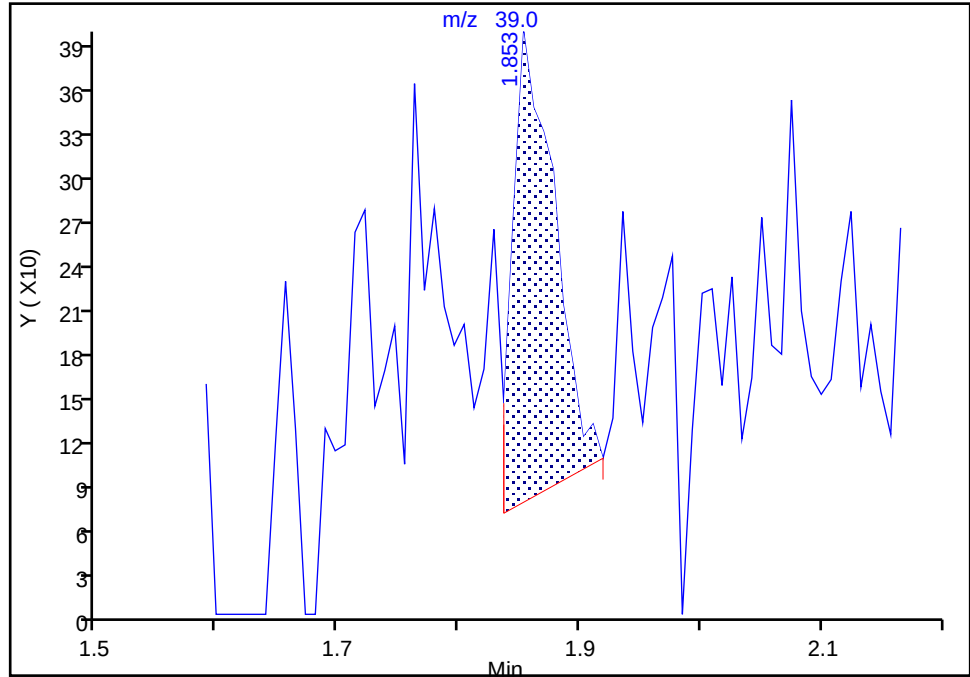
MS SCAN

7 Butadiene, CAS: 106-99-0

Signal: 3

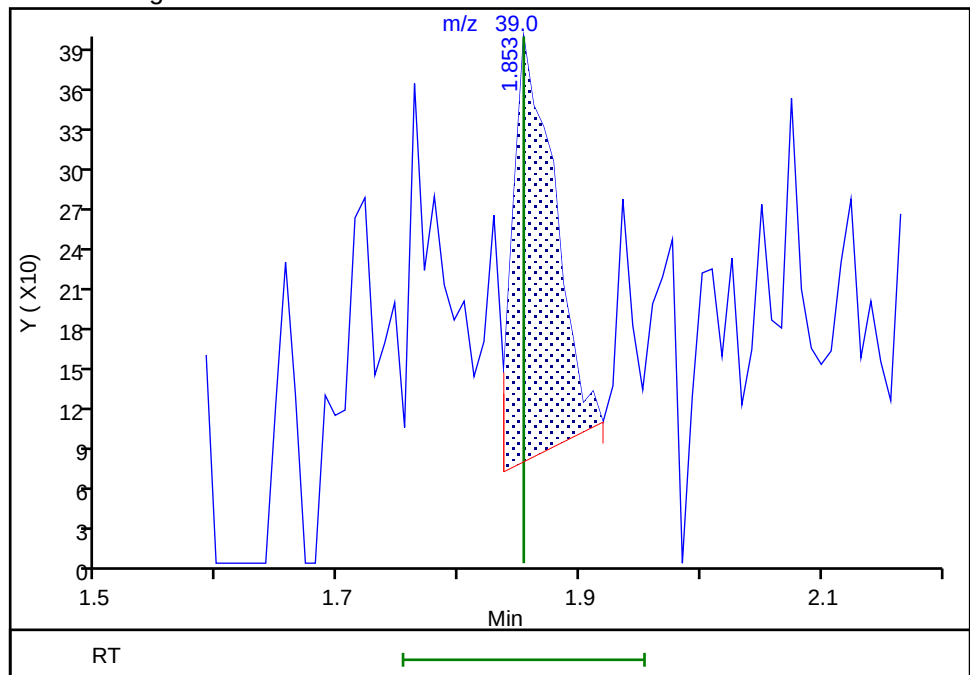
RT: 1.85
Area: 762
Amount: 0.211480
Amount Units: ug/l

Processing Integration Results



RT: 1.85
Area: 762
Amount: 0.211480
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 19:30:48
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
Page 299 of 684

07/09/2020

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

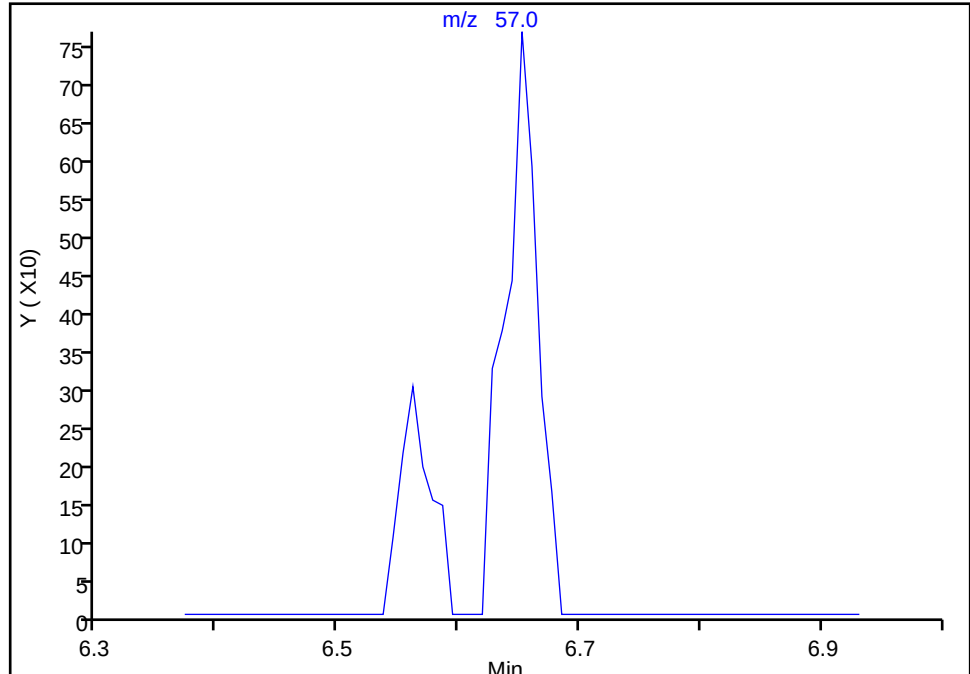
79 Epichlorohydrin, CAS: 106-89-8

Signal: 1

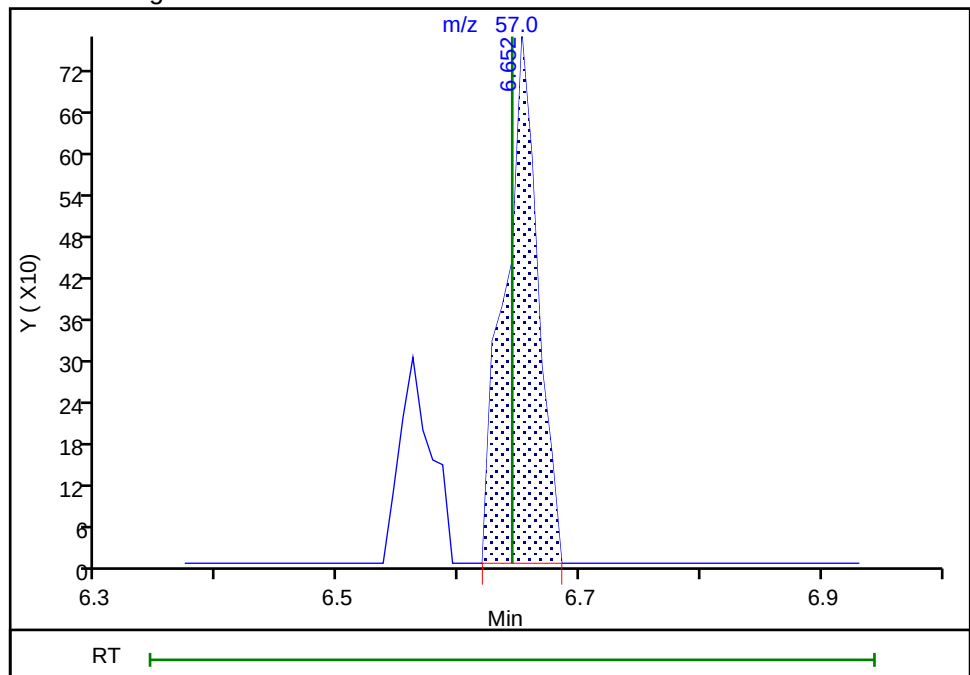
Not Detected

Expected RT: 6.64

Processing Integration Results



Manual Integration Results



RT: 6.65

Area: 1456

Amount: 4.706010

Amount Units: ug/l

Reviewer: kluseys, 02-Jul-2020 19:31:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

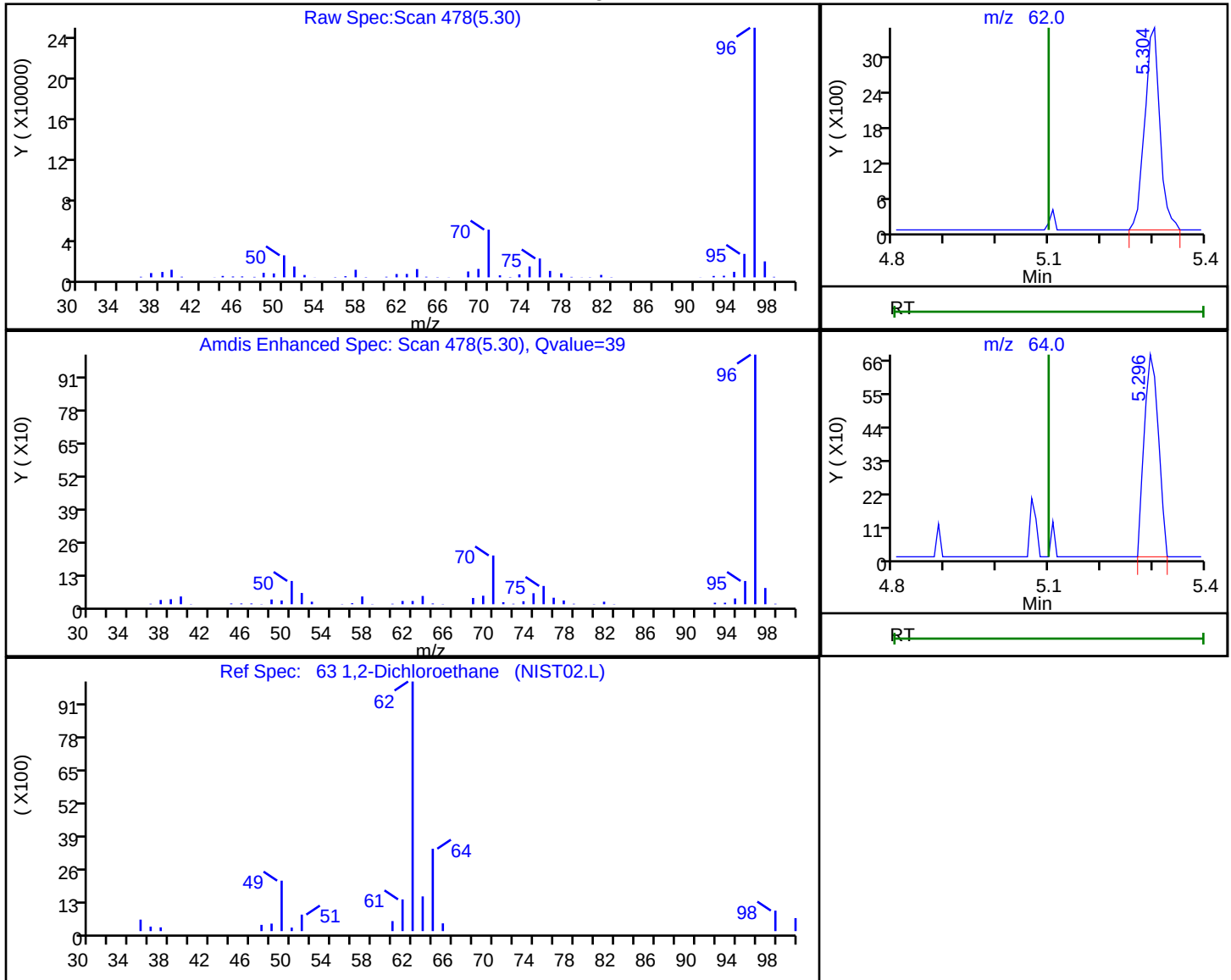
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	6972	1.944138
5.30	64.00	1301	

Reviewer: kluseys, 02-Jul-2020 19:31:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

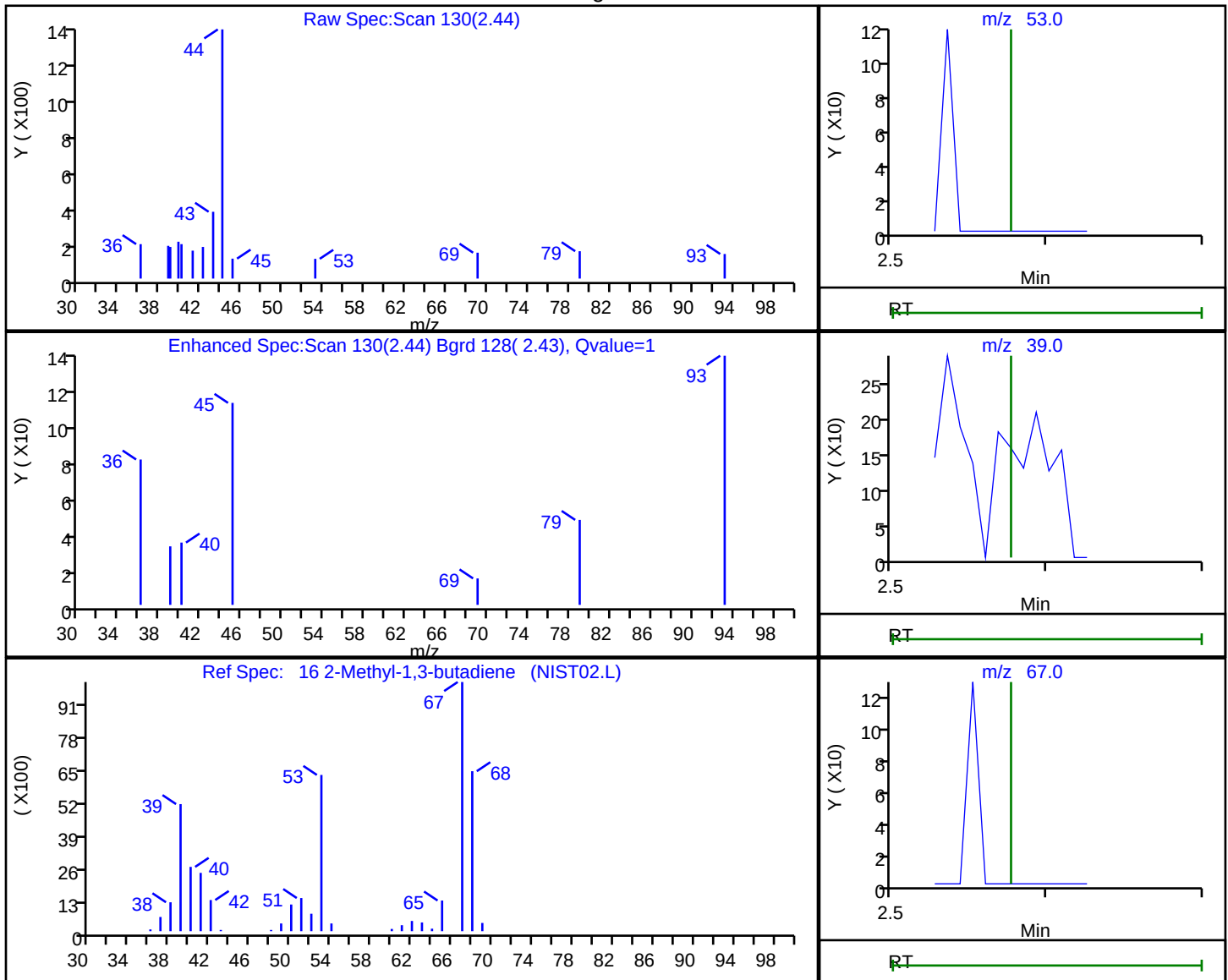
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.44	53.00	52	0.020022
2.44	39.00	320	
2.58	67.00	0	

Reviewer: kluseys, 02-Jul-2020 19:30:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

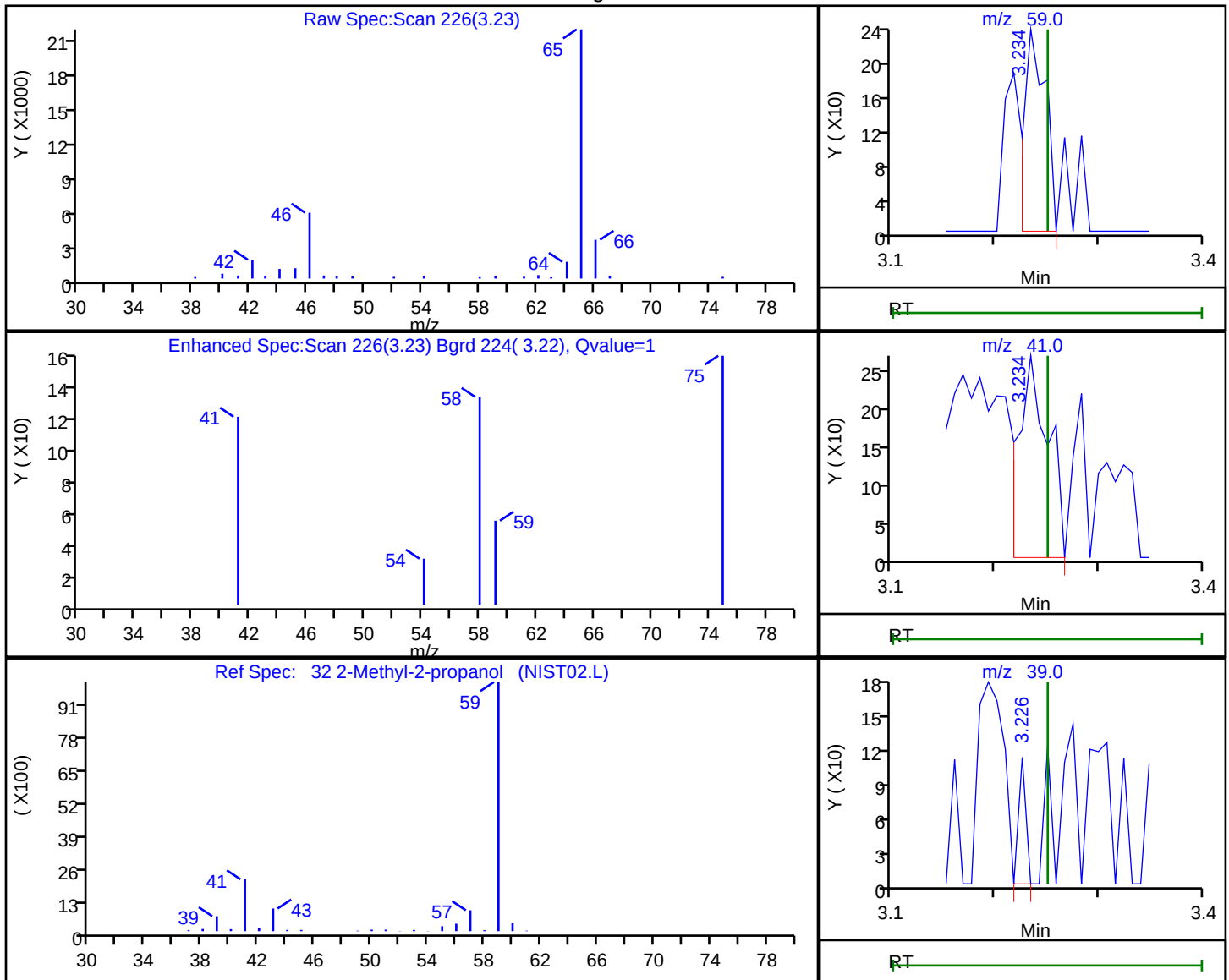
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.23	59.00	340	1.226345
3.23	41.00	536	
3.23	39.00	54	

Reviewer: kluseys, 02-Jul-2020 19:31:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

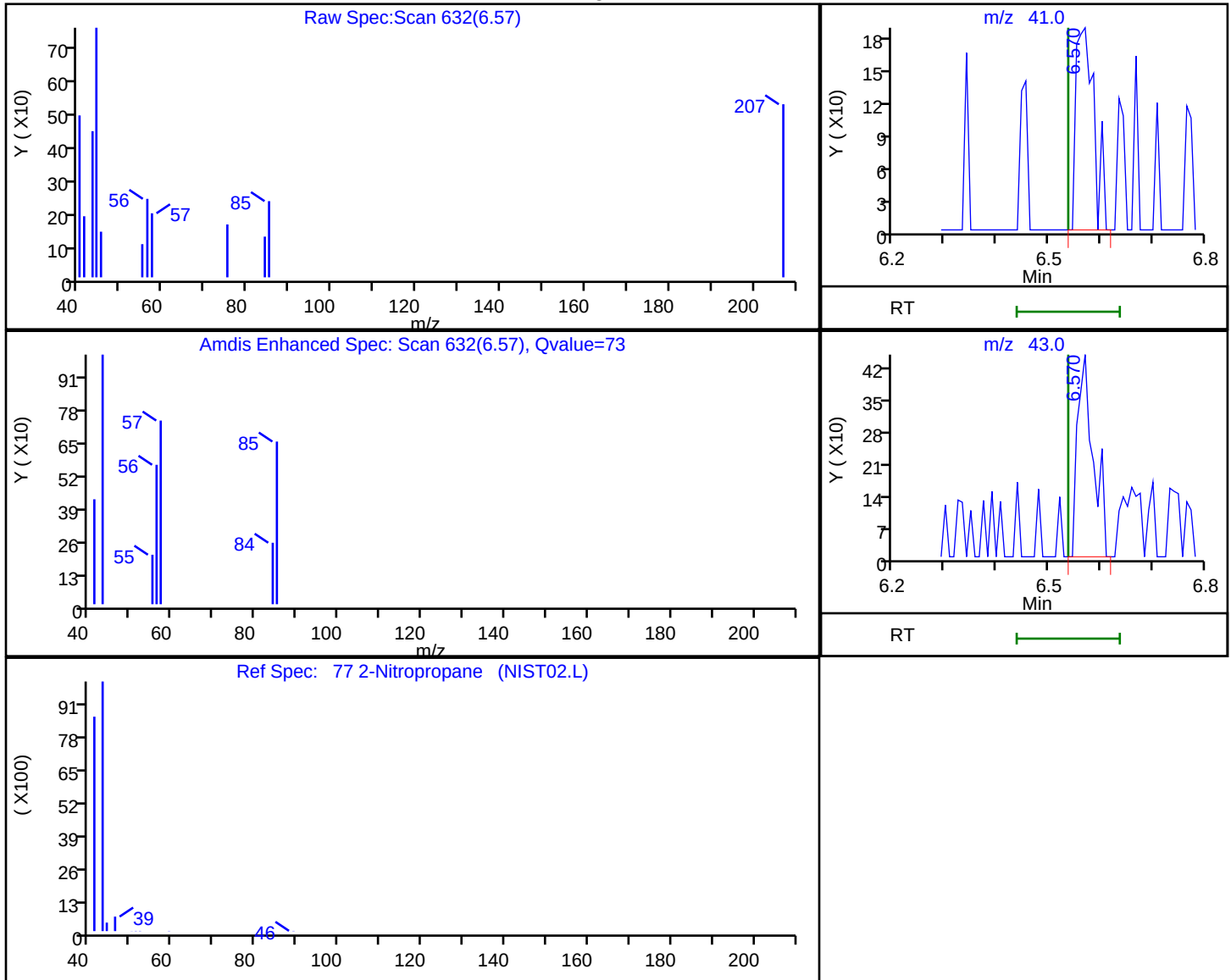
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.57	41.00	452	0.653506
6.57	43.00	944	

Reviewer: kluseys, 02-Jul-2020 19:31:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

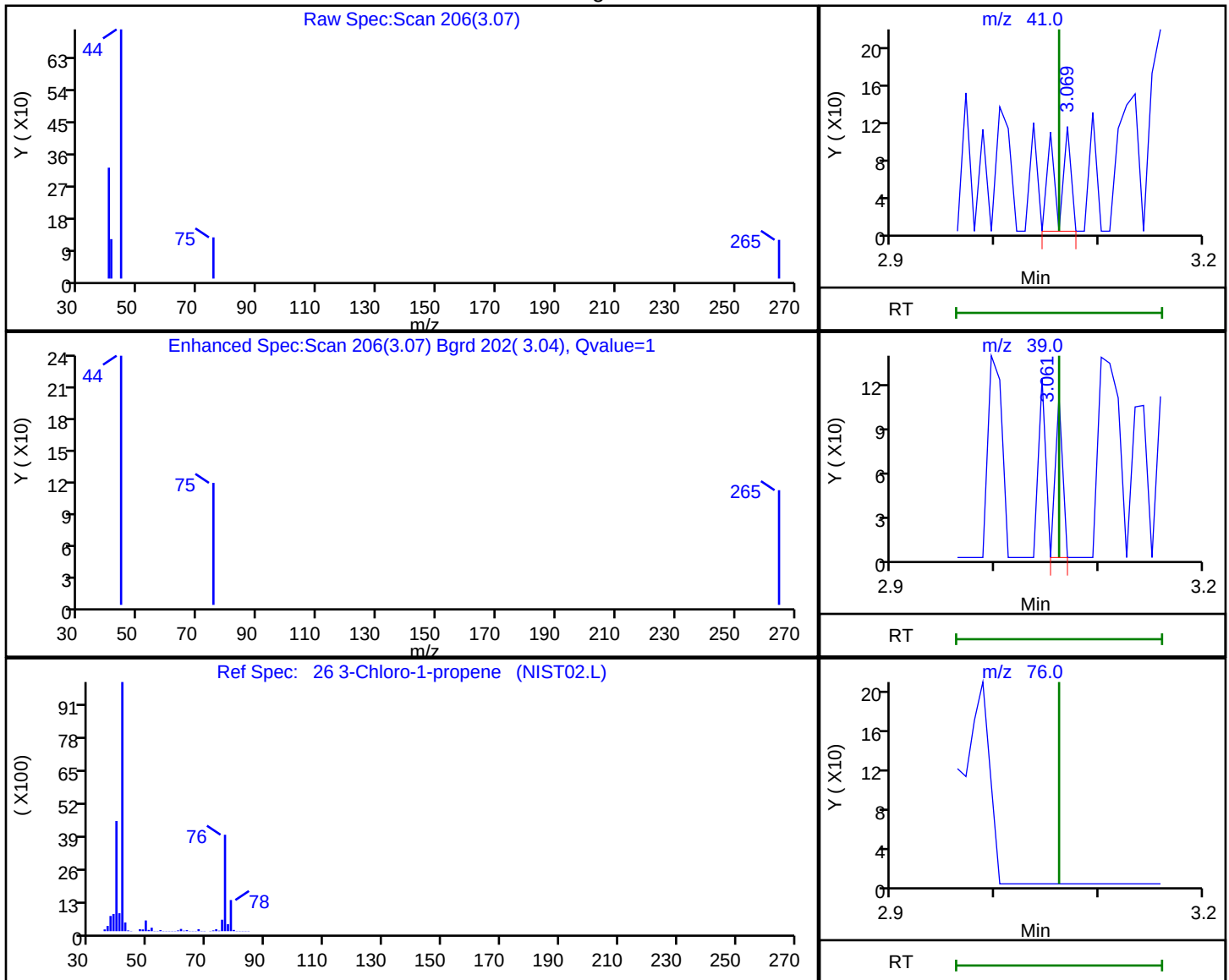
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
3.07	41.00	107	0.020497
3.06	39.00	53	
3.06	76.00	0	

Reviewer: kluseys, 02-Jul-2020 19:31:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

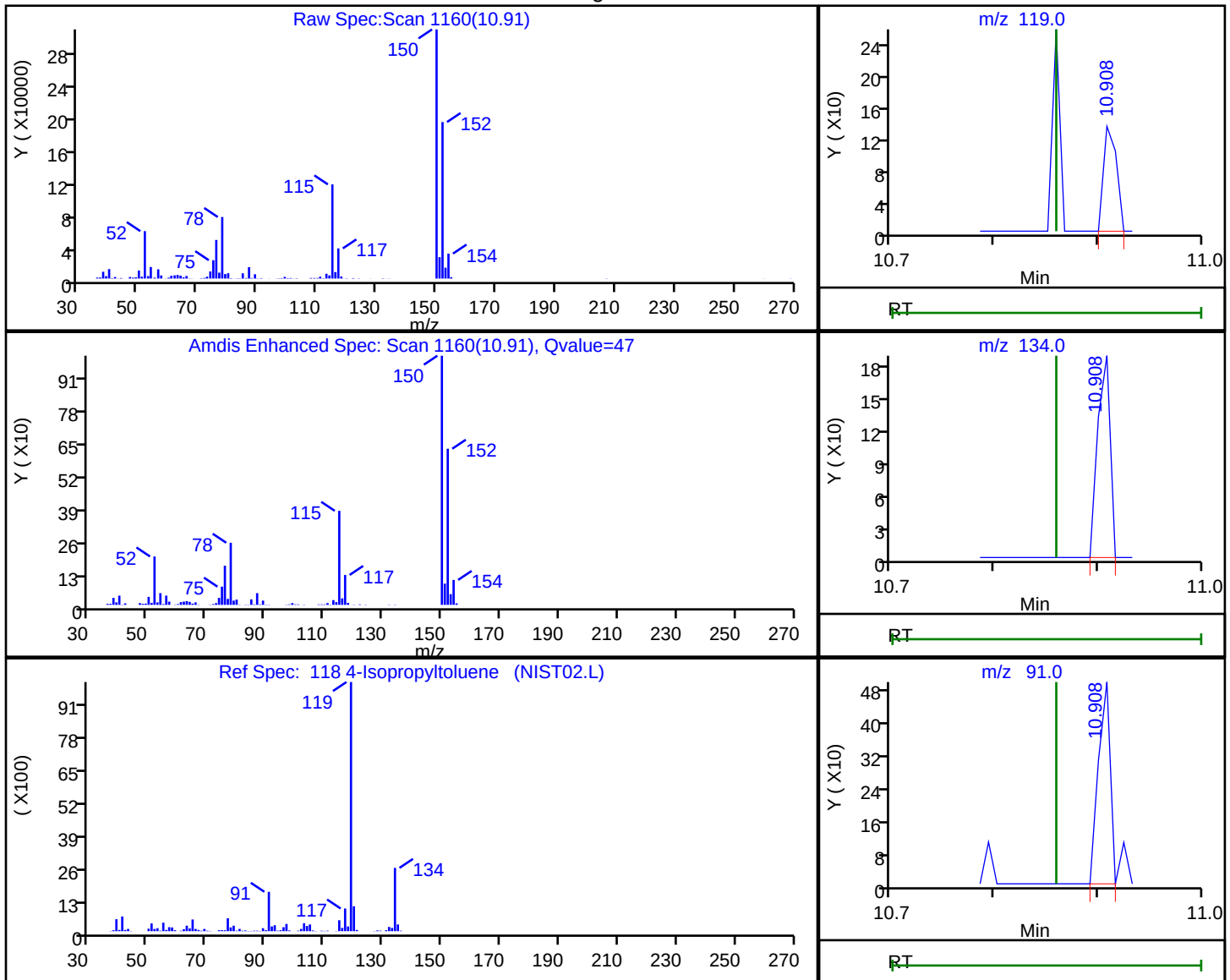
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

118 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.91	119.00	115	0.009194
10.91	134.00	152	
10.91	91.00	391	

Reviewer: kluseys, 02-Jul-2020 19:31:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

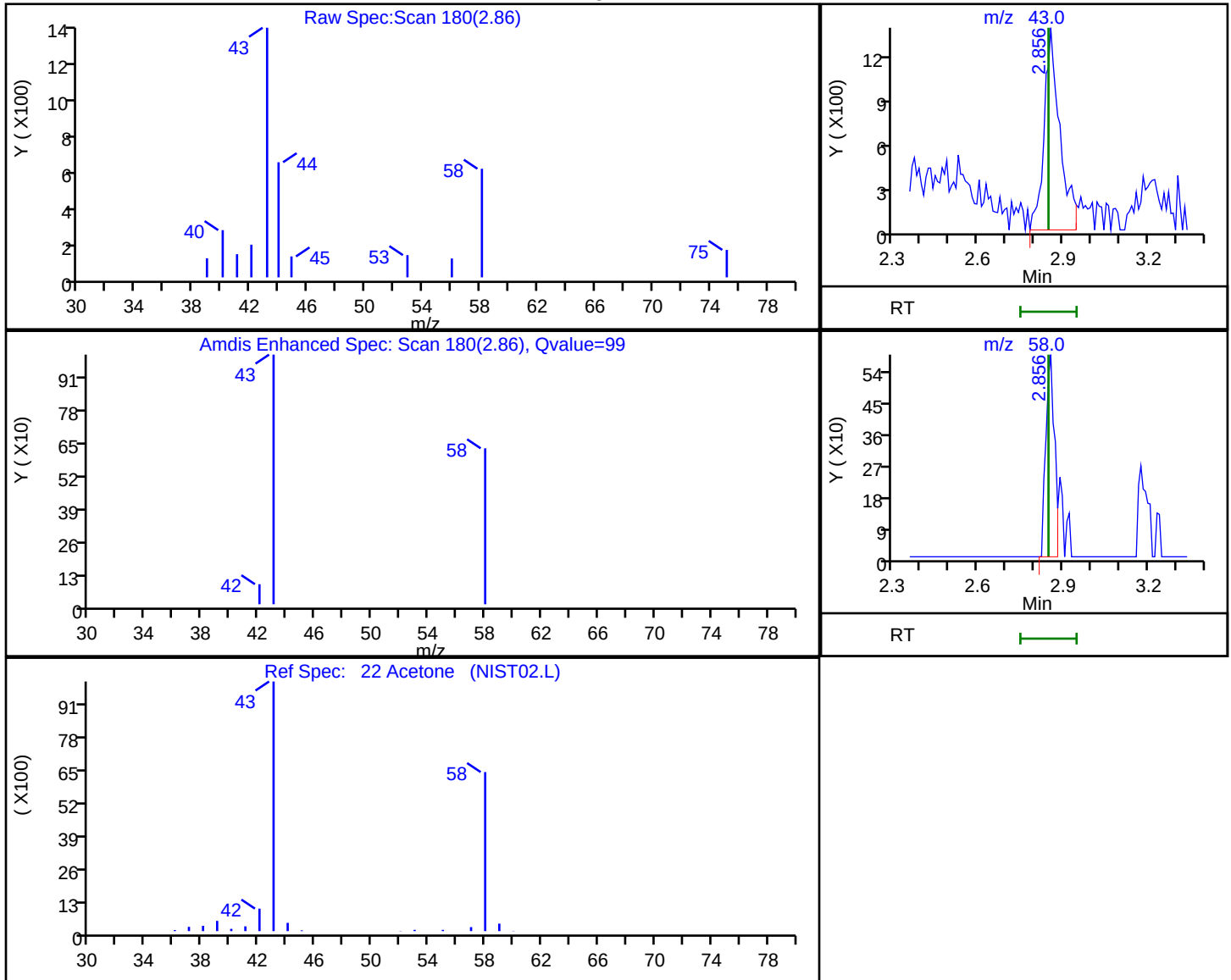
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.86	43.00	5150	4.169190
2.86	58.00	1243	

Reviewer: kluseys, 02-Jul-2020 19:31:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

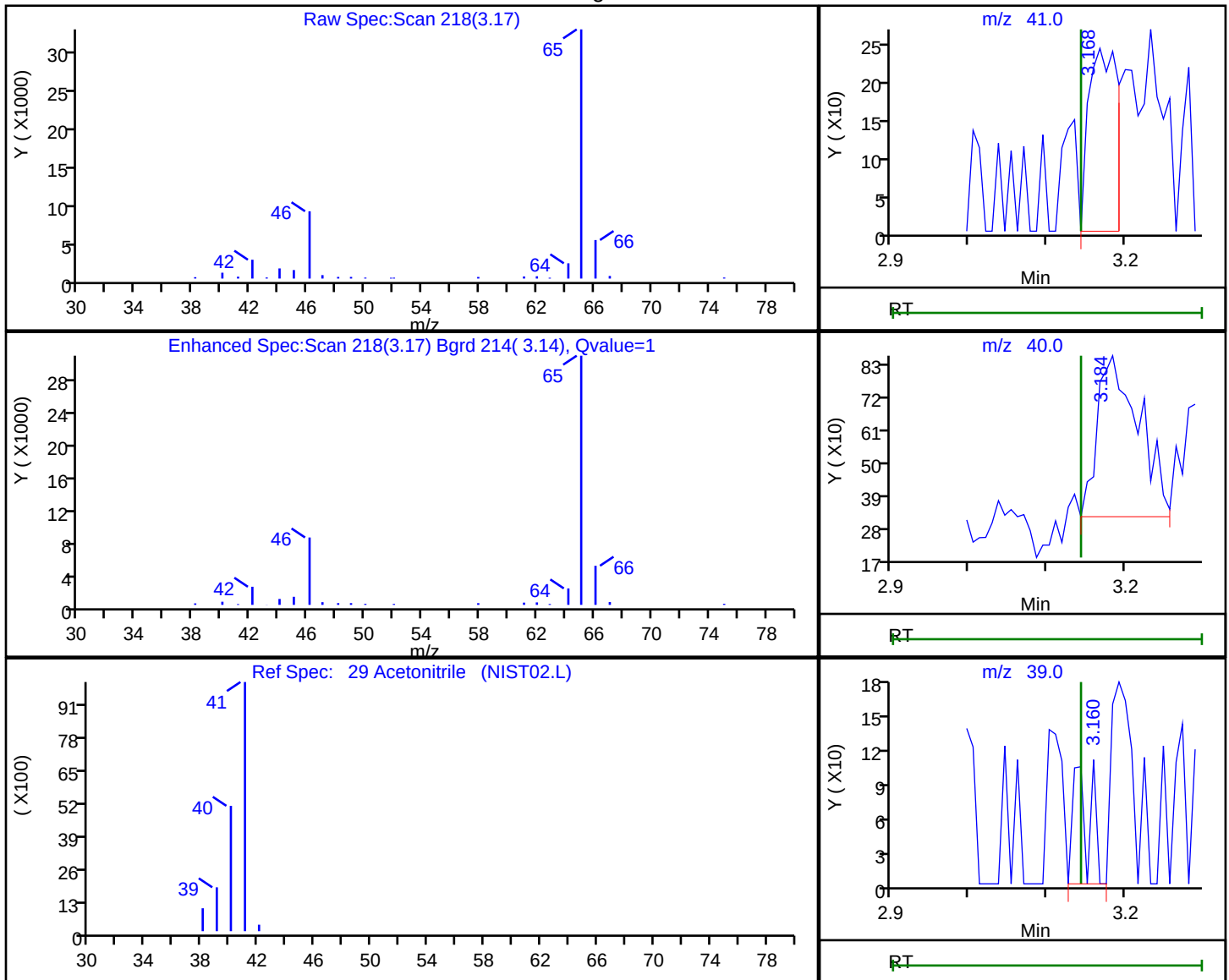
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
3.17	41.00	624	2.005439
3.18	40.00	2025	
3.16	39.00	152	
3.18	38.00	1026	

Reviewer: kluseys, 02-Jul-2020 19:31:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

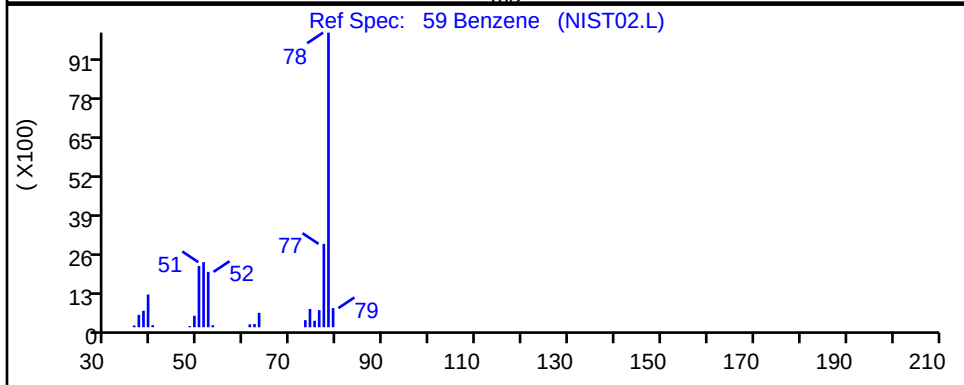
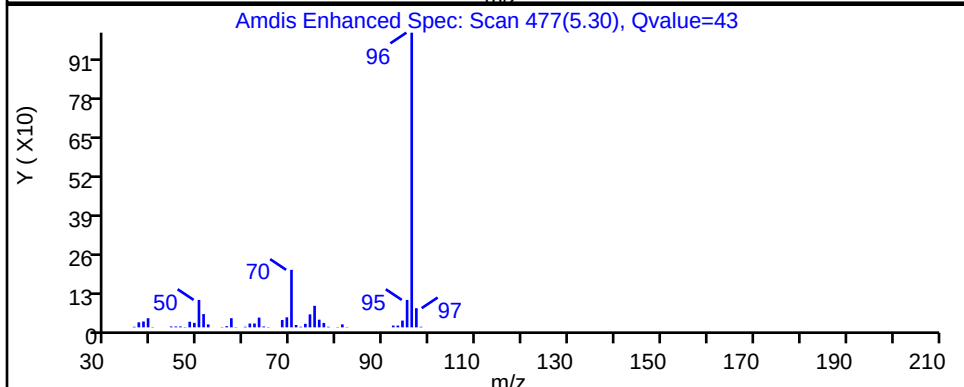
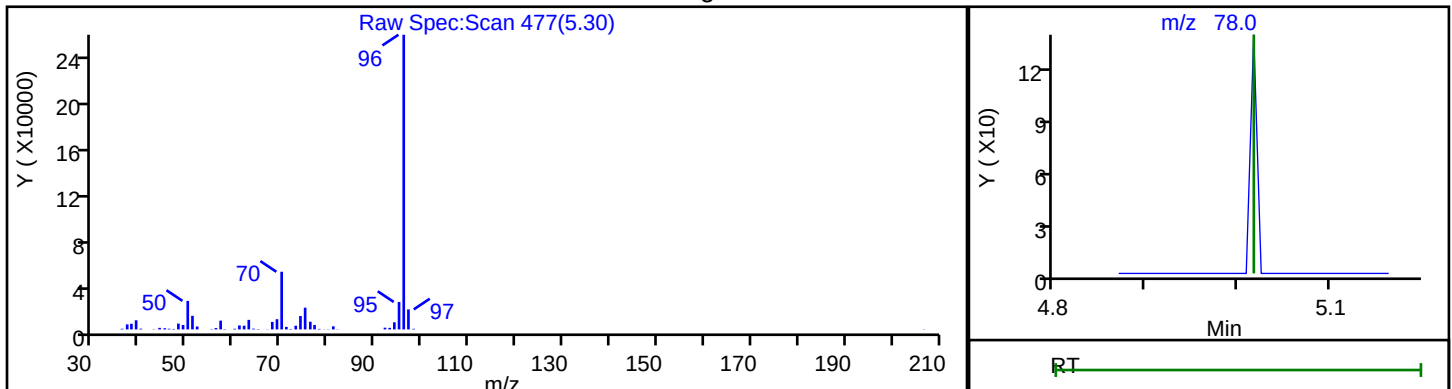
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

59 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.30	78.00	804	0.070236

Reviewer: kluseys, 02-Jul-2020 19:31:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

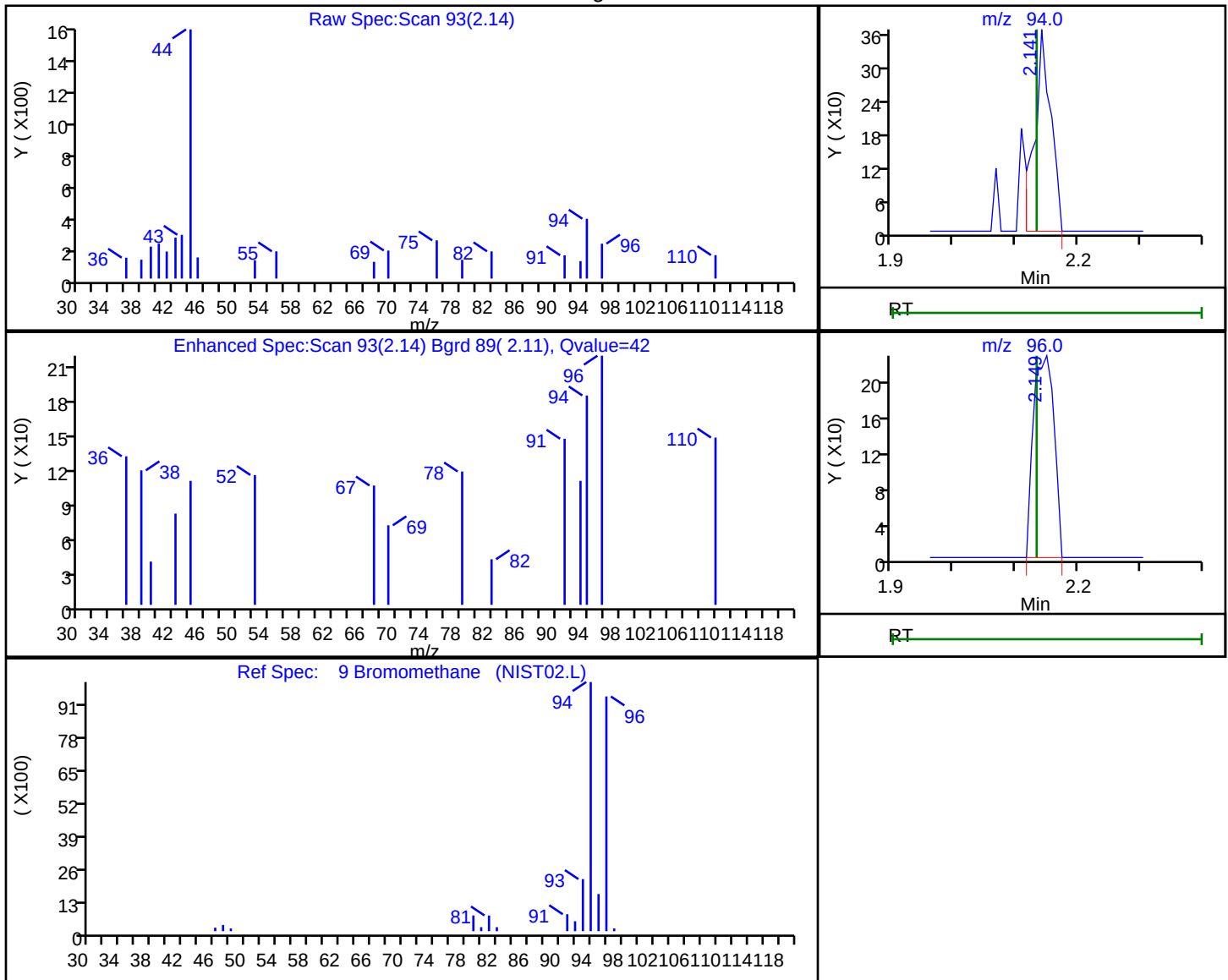
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.14	94.00	669	0.272460
2.15	96.00	527	

Reviewer: kluseys, 02-Jul-2020 19:30:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

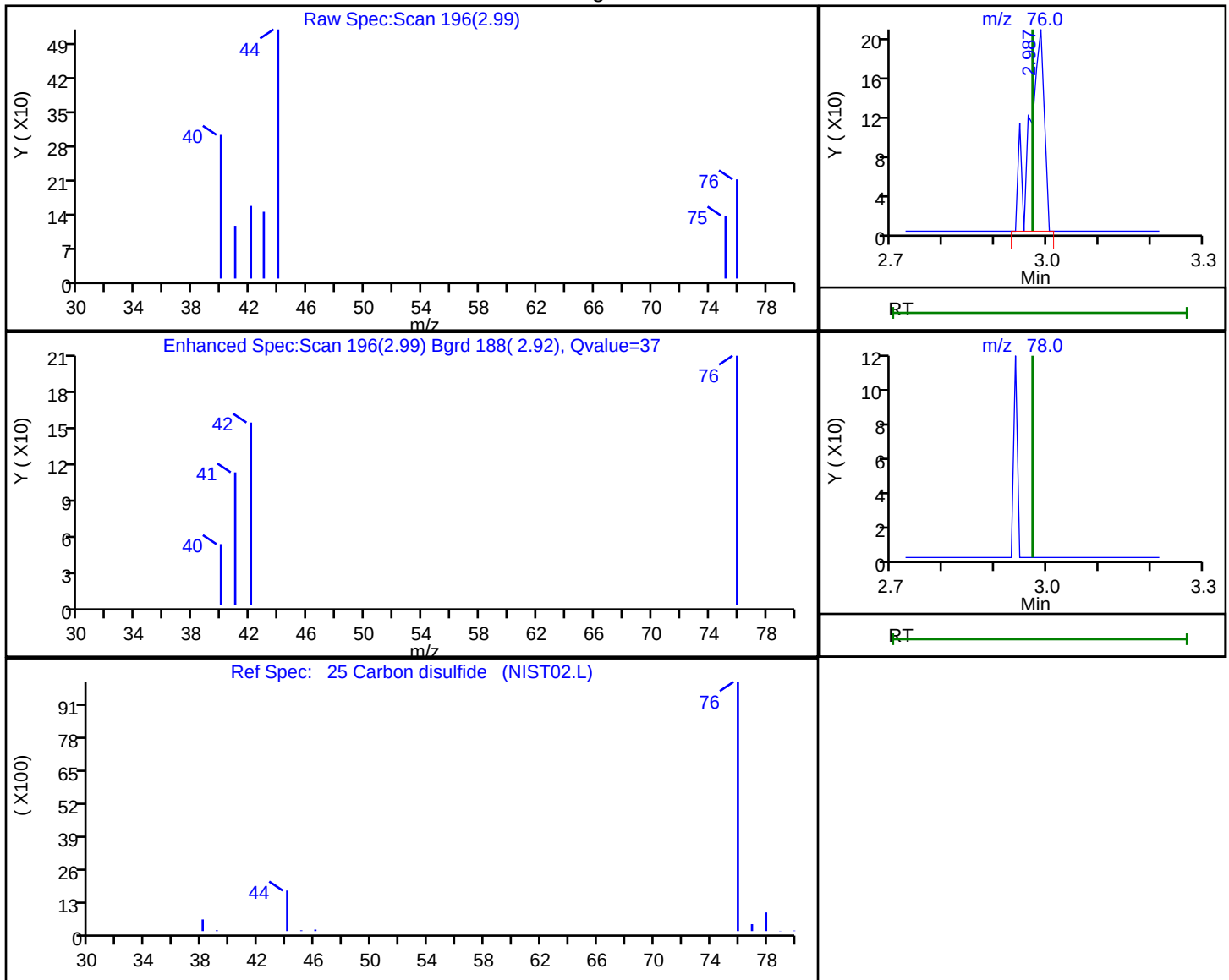
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.99	76.00	398	0.035294
2.97	78.00	0	

Reviewer: kluseys, 02-Jul-2020 19:31:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

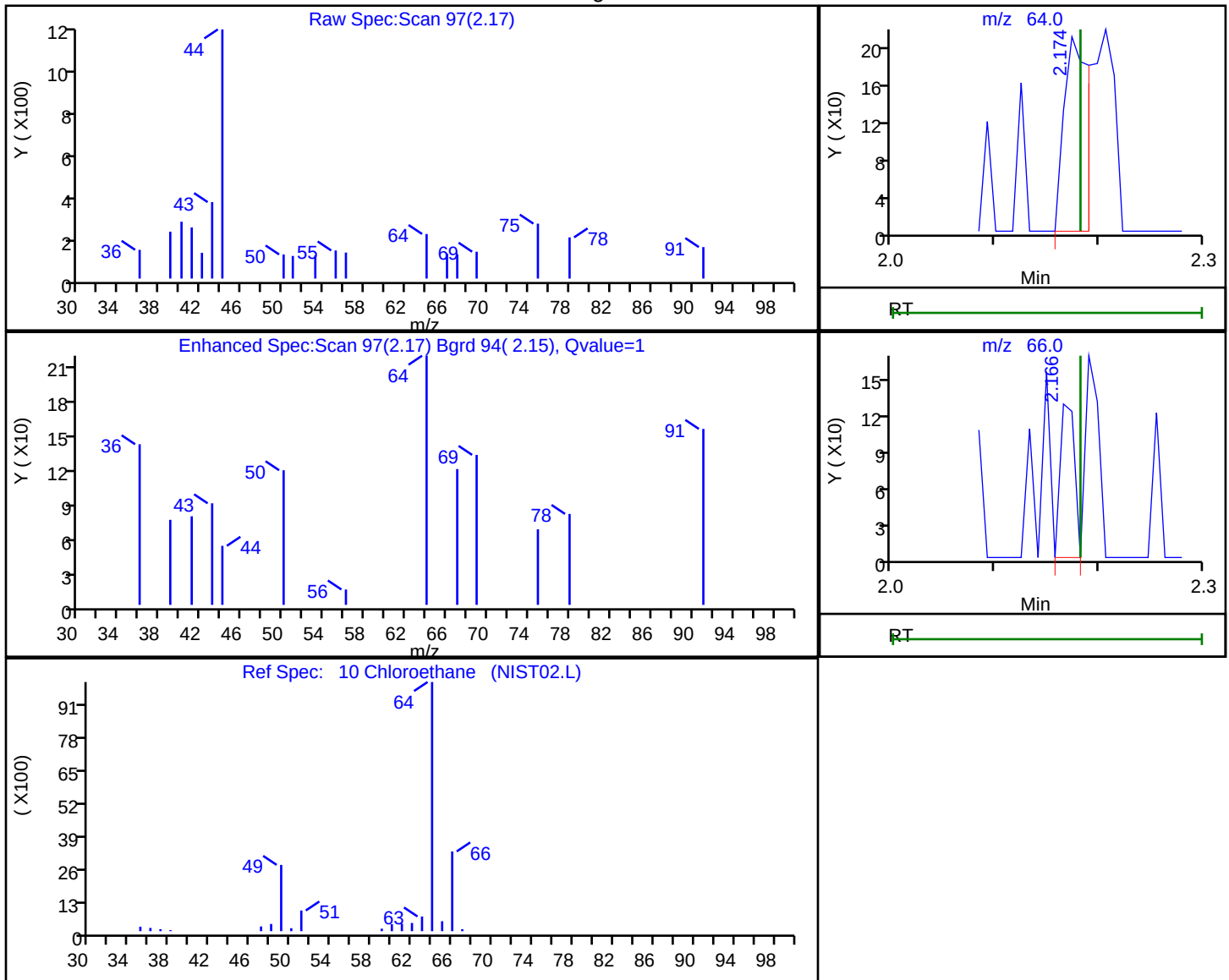
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.17	64.00	348	0.172342
2.17	66.00	119	

Reviewer: kluseys, 02-Jul-2020 19:30:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

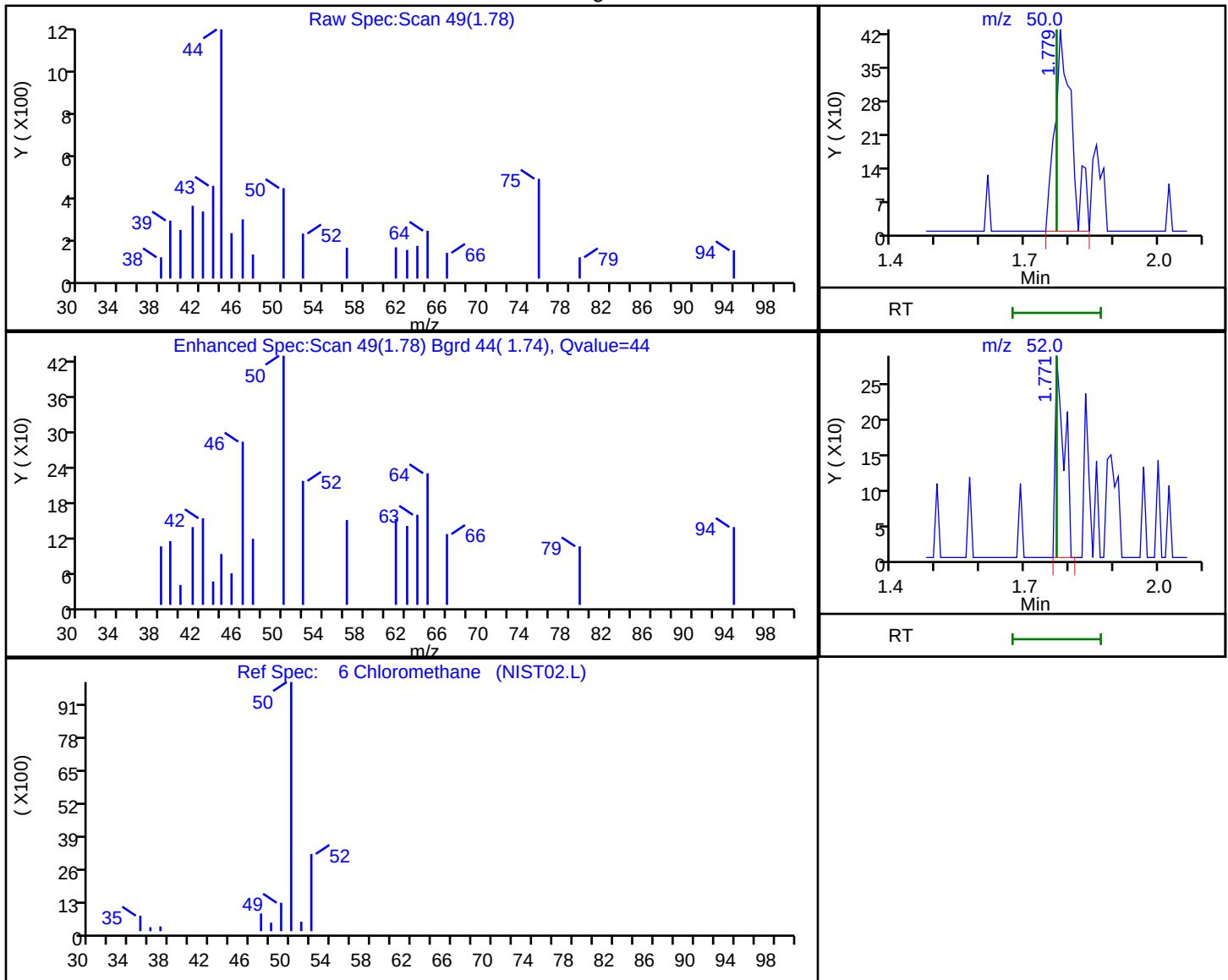
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.78	50.00	1128	0.282002
1.77	52.00	411	

Reviewer: kluseys, 02-Jul-2020 19:30:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

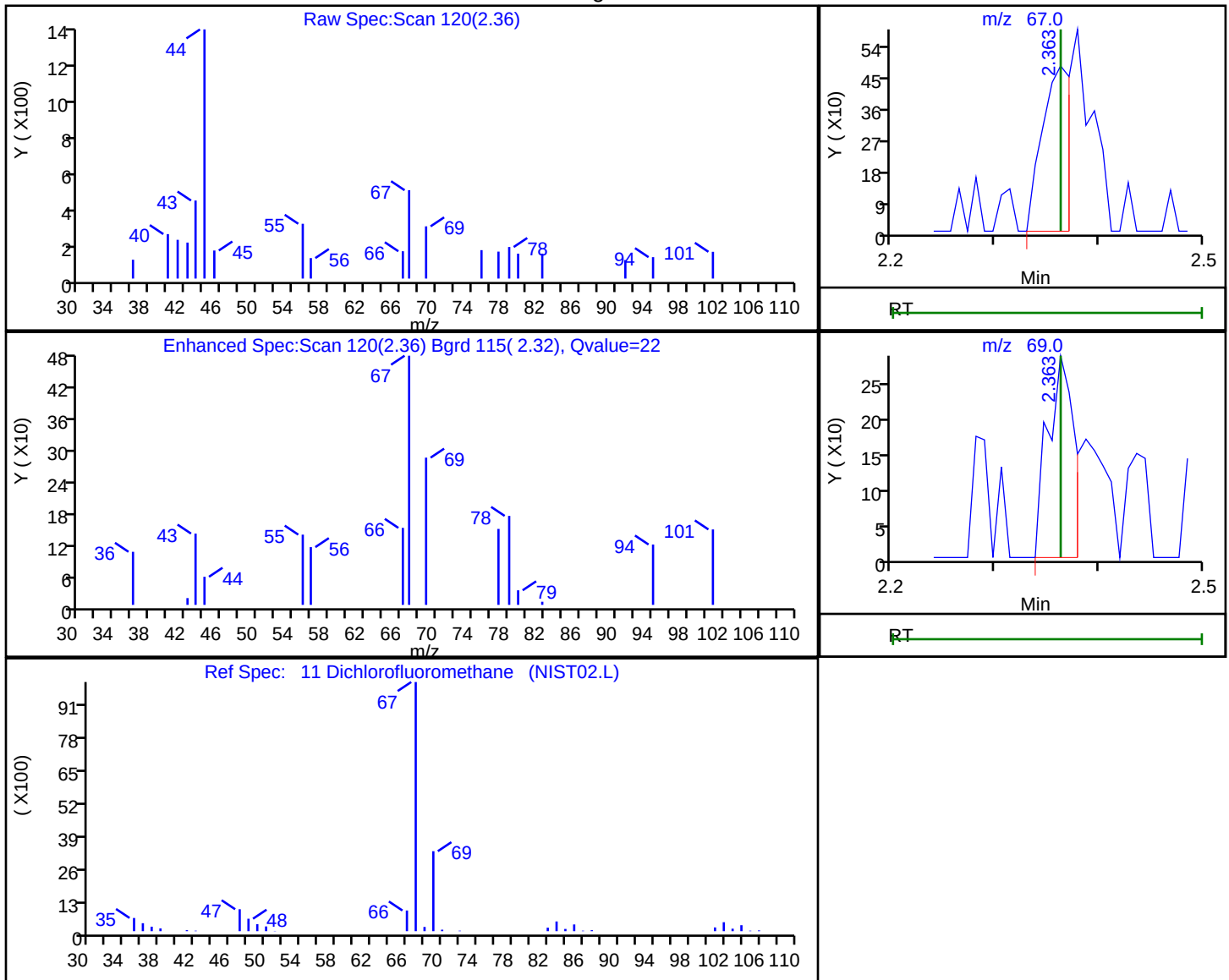
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.36	67.00	918	0.181385
2.36	69.00	500	

Reviewer: kluseys, 02-Jul-2020 19:30:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

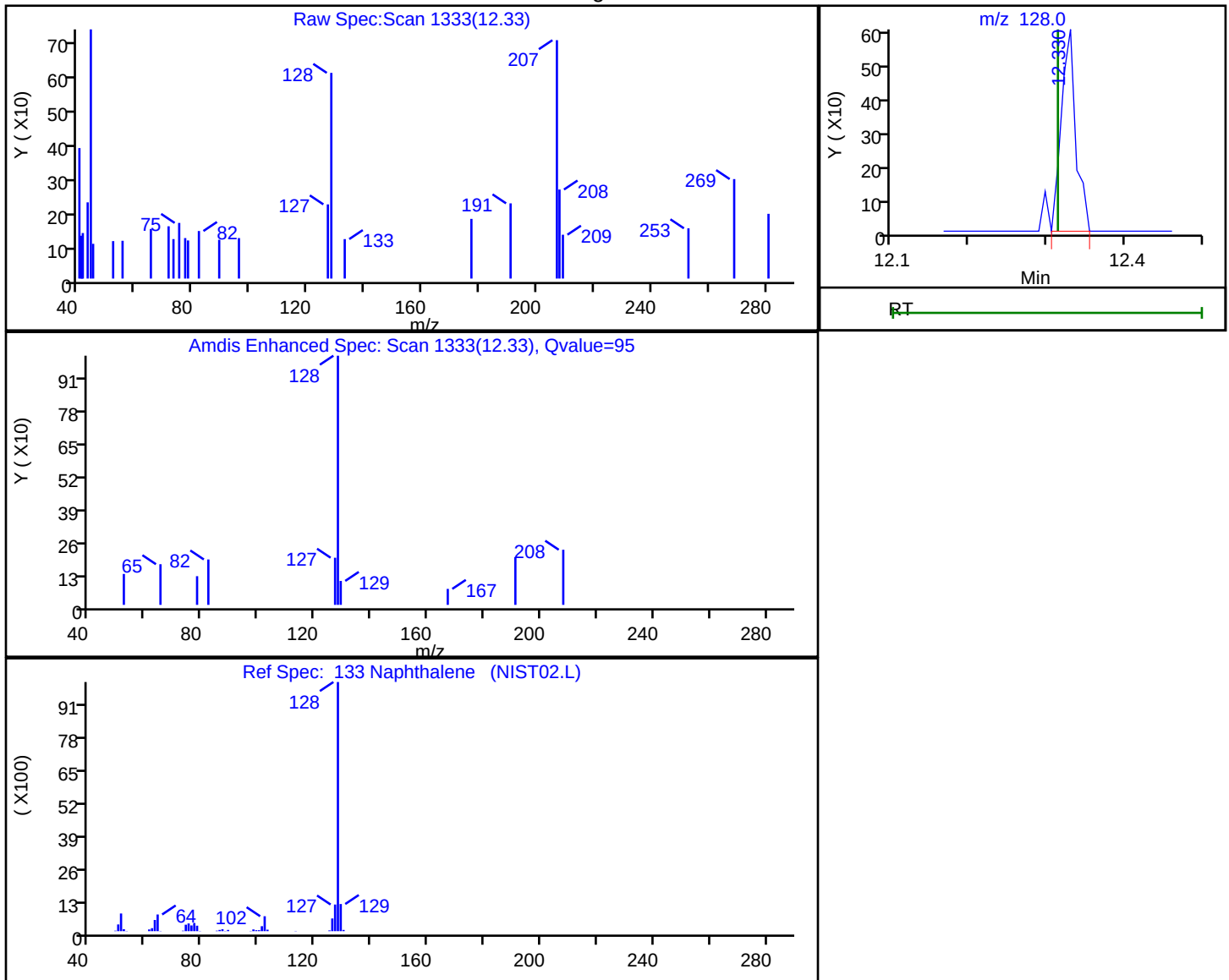
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector MS SCAN

133 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.33	128.00	795	0.057517

Reviewer: kluseys, 02-Jul-2020 19:31:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

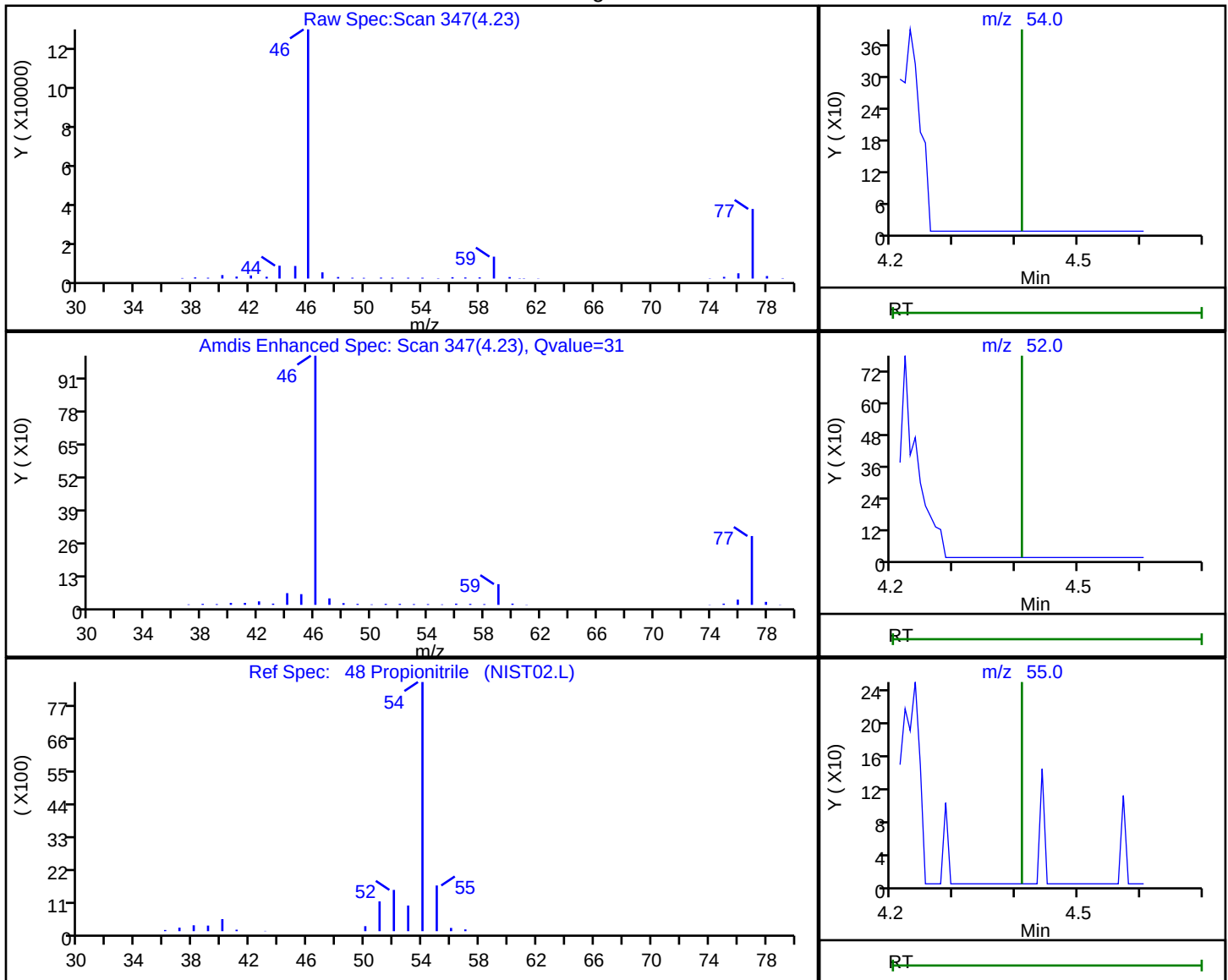
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.23	54.00	880	2.060815
4.22	52.00	1591	
4.24	55.00	535	

Reviewer: kluseys, 02-Jul-2020 19:31:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

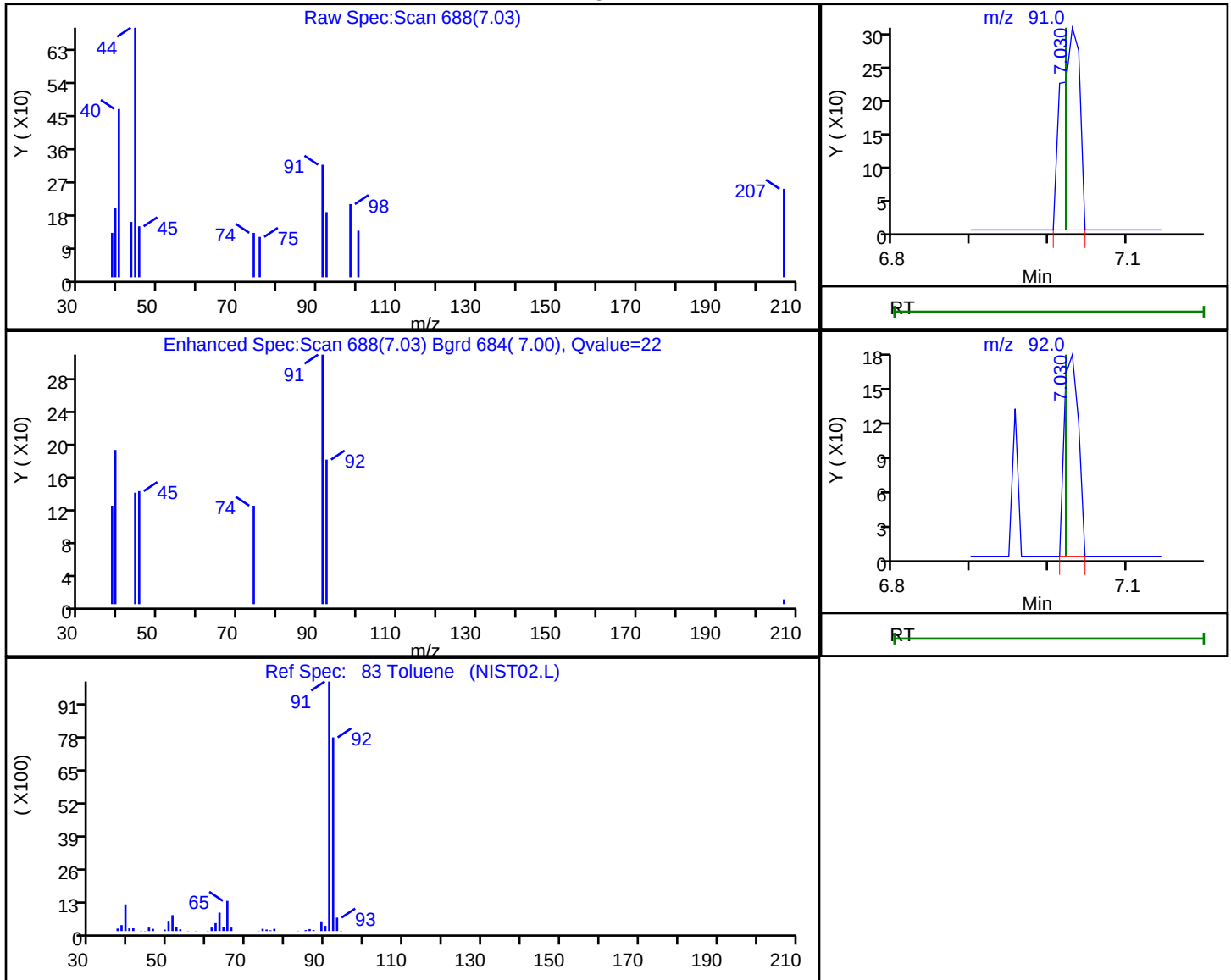
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.03	91.00	509	0.042134
7.03	92.00	227	

Reviewer: kluseys, 02-Jul-2020 19:31:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

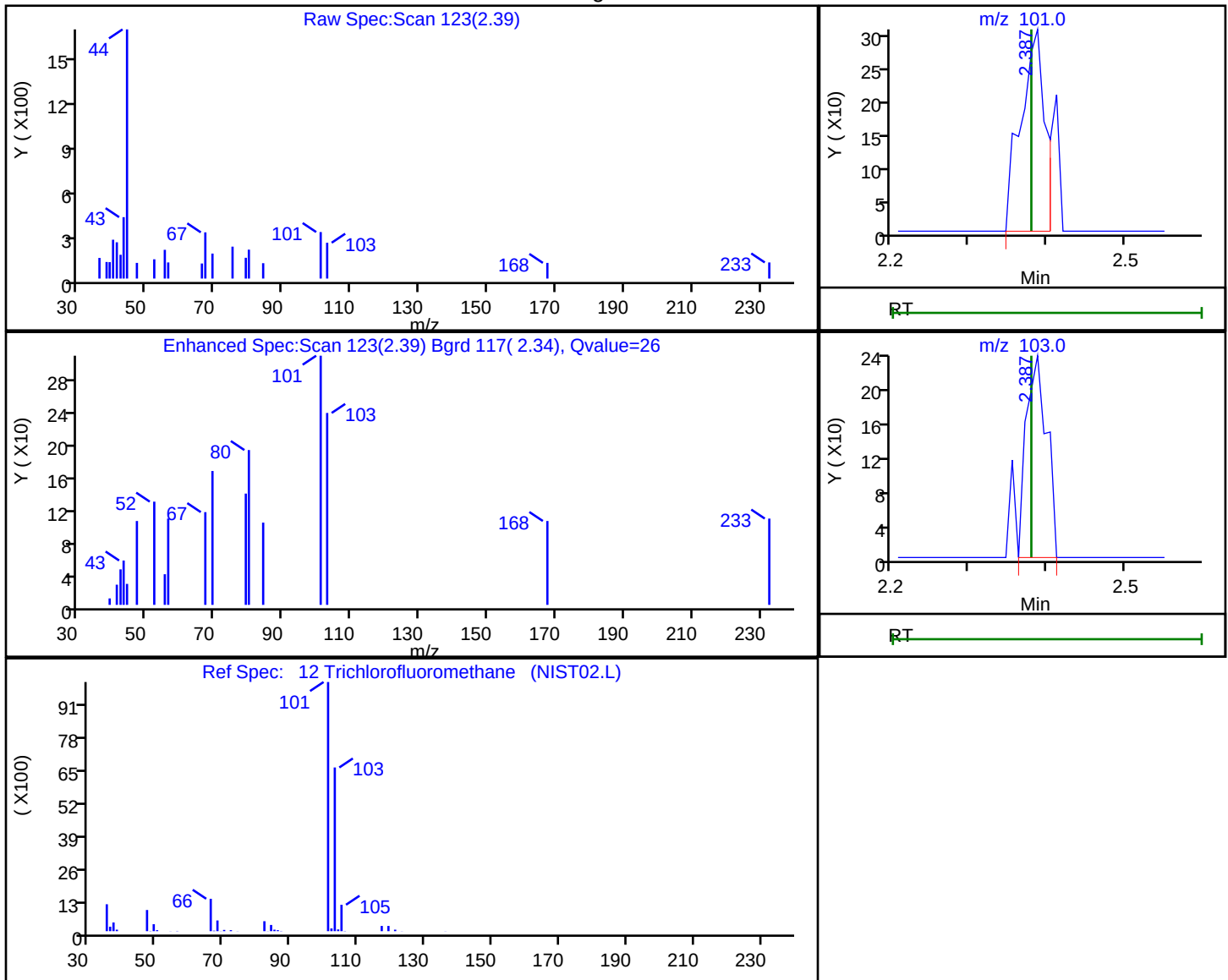
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.39	101.00	677	0.176839
2.39	103.00	438	

Reviewer: kluseys, 02-Jul-2020 19:30:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97862.D

Injection Date: 01-Jul-2020 16:17:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

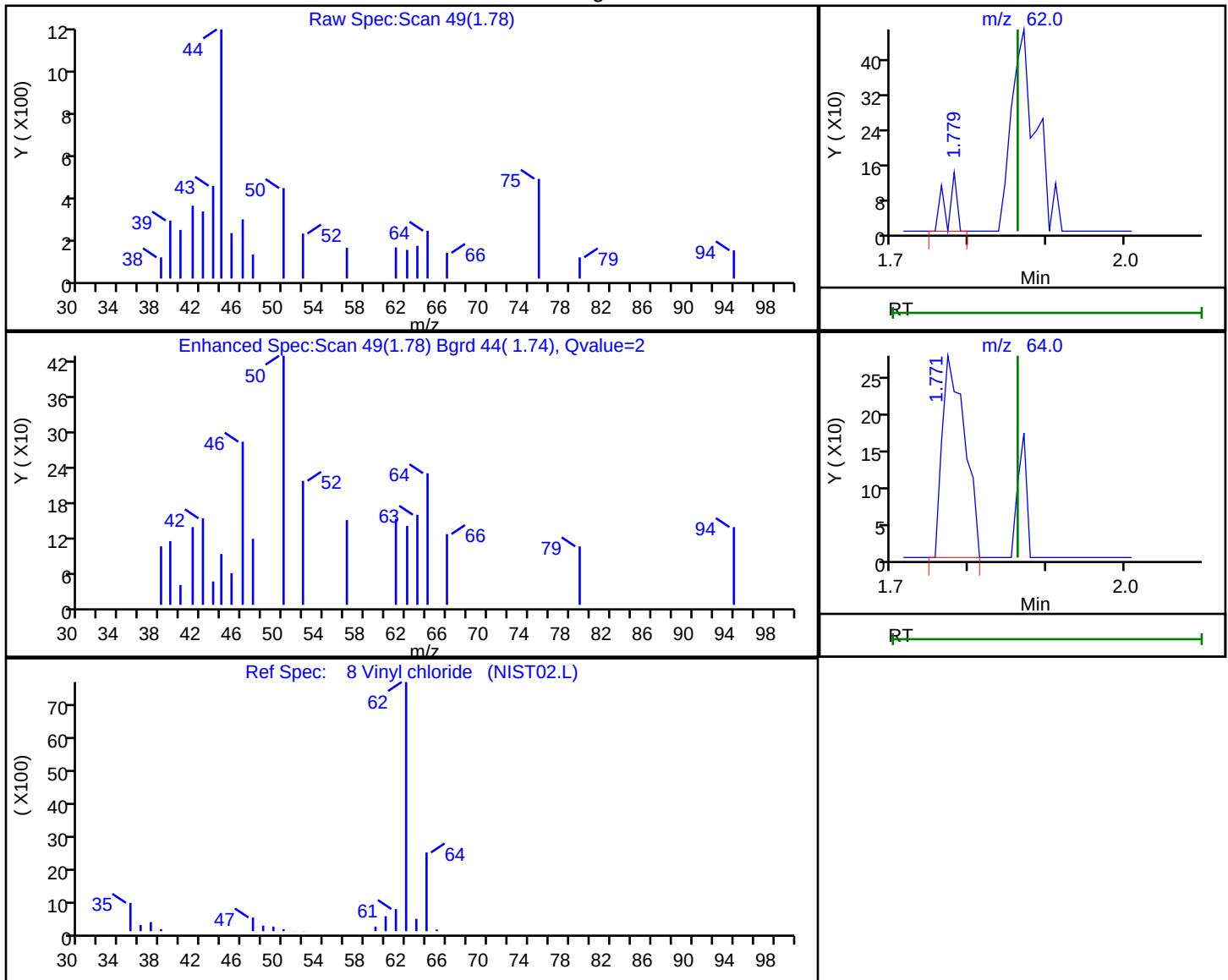
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

8 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.78	62.00	118	0.029138
1.77	64.00	552	

Reviewer: kluseys, 02-Jul-2020 19:30:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 01-Jul-2020 16:41:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0112547-005
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:35:33 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 02-Jul-2020 11:48:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.566	1.574	-0.008	58	1187	1.00	1.05	
2 1,1-Difluoroethane	51	1.574	1.582	-0.008	69	2503	1.00	0.9271	
4 Dichlorodifluoromethane	85	1.599	1.607	-0.008	78	3554	1.00	1.04	
5 Chlorodifluoromethane	51	1.607	1.623	-0.016	54	3547	1.00	1.05	
6 Chloromethane	50	1.771	1.771	0.000	97	4355	1.00	1.25	
7 Butadiene	54	1.853	1.853	0.000	91	3463	1.00	1.12	
8 Vinyl chloride	62	1.862	1.862	0.000	96	3482	1.00	1.00	
9 Bromomethane	94	2.124	2.133	-0.009	90	2805	1.00	1.30	
10 Chloroethane	64	2.174	2.182	-0.008	88	2253	1.00	1.19	
11 Dichlorofluoromethane	67	2.355	2.363	-0.008	98	5484	1.00	1.16	
12 Trichlorofluoromethane	101	2.371	2.379	-0.008	84	3454	1.00	0.9640	
13 Pentane	72	2.379	2.388	-0.009	93	1084	2.00	1.88	
14 Ethanol	46	2.519	2.560	-0.041	0	382	40.0	32.2	M
15 Ethyl ether	59	2.552	2.560	-0.008	97	2189	1.00	1.09	
16 2-Methyl-1,3-butadiene	53	2.568	2.577	-0.009	92	2466	1.00	1.06	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.609	2.618	-0.009	69	1736	1.00	0.8215	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.667	2.667	0.000	81	3854	1.00	1.05	a
19 Acrolein	56	2.733	2.733	0.000	42	694	4.00	3.33	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.749	-0.008	91	2598	1.00	1.06	
21 1,1-Dichloroethene	96	2.774	2.782	-0.008	96	2662	1.00	1.06	
22 Acetone	43	2.848	2.848	0.000	89	6191	5.00	5.32	M
23 Iodomethane	142	2.930	2.930	0.000	79	4267	1.00	1.03	
24 Isopropyl alcohol	45	2.930	2.946	-0.016	23	2265	10.0	10.1	
25 Carbon disulfide	76	2.971	2.971	0.000	99	11184	1.00	1.11	
26 3-Chloro-1-propene	41	3.053	3.061	-0.008	96	4410	1.00	0.9466	
27 Methyl acetate	43	3.069	3.078	-0.009	78	5291	2.00	2.48	
28 Cyclopentene	67	3.086	3.086	0.000	92	7775	1.00	1.14	a
29 Acetonitrile	41	3.135	3.143	-0.008	36	3636	10.0	10.6	Ma
* 31 TBA-d9 (IS)	65	3.193	3.185	0.008	0	271134	1000.0	1000.0	
30 Methylene Chloride	84	3.193	3.193	0.000	31	3304	1.00	1.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.242	3.250	-0.008	30	3157	10.0	10.4	a
33 Methyl tert-butyl ether	73	3.341	3.349	-0.008	95	6747	1.00	1.07	
34 trans-1,2-Dichloroethene	96	3.365	3.365	0.000	91	2716	1.00	1.07	
35 Acrylonitrile	53	3.431	3.439	-0.008	91	12381	10.0	10.6	
36 Hexane	43	3.513	3.513	0.000	96	2832	1.00	1.33	
37 Isopropyl ether	45	3.719	3.727	-0.008	88	8106	1.00	1.10	
38 1,1-Dichloroethane	63	3.751	3.752	-0.001	64	4273	1.00	1.00	
39 Vinyl acetate	86	3.768	3.768	0.000	99	1296	2.00	2.31	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	89	2178	1.00	0.9604	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	7525	1.00	1.11	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	302039	250.0	250.0	
43 2,2-Dichloropropane	97	4.244	4.245	-0.001	47	790	1.00	1.00	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	97	3014	1.00	1.09	
45 Ethyl acetate	70	4.277	4.277	0.000	94	659	2.00	1.99	
46 2-Butanone (MEK)	72	4.286	4.277	0.009	97	2365	5.00	5.95	
47 Methyl acrylate	55	4.335	4.327	0.008	96	3084	1.00	1.24	
48 Propionitrile	54	4.417	4.409	0.008	92	4788	10.0	10.2	
50 Chlorobromomethane	128	4.475	4.475	0.000	86	1572	1.00	1.18	
49 Tetrahydrofuran	72	4.491	4.483	0.008	70	1048	2.00	2.41	
51 Methacrylonitrile	67	4.499	4.508	-0.009	90	13587	10.0	10.4	
52 Chloroform	83	4.524	4.524	0.000	97	4335	1.00	1.08	
53 Cyclohexane	84	4.672	4.664	0.008	31	4606	1.00	1.04	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	96	108076	50.0	50.0	
54 1,1,1-Trichloroethane	97	4.672	4.680	-0.008	36	3568	1.00	1.01	
56 Carbon tetrachloride	117	4.795	4.795	0.000	97	2882	1.00	1.01	
57 1,1-Dichloropropene	75	4.811	4.820	-0.009	97	3870	1.00	1.12	
58 Isobutyl alcohol	43	4.959	4.935	0.024	1	1913	25.0	20.0	
59 Benzene	78	5.017	5.017	0.000	98	11428	1.00	1.10	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	133785	50.0	50.1	
61 Isopropyl acetate	43	5.074	5.066	0.008	90	8368	1.00	1.19	
62 Tert-amyl methyl ether	73	5.083	5.074	0.009	75	7450	1.00	1.03	
63 1,2-Dichloroethane	62	5.107	5.099	0.008	93	3703	1.00	1.16	
64 n-Heptane	57	5.165	5.165	0.000	85	2337	1.00	1.14	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	487707	50.0	50.0	
66 n-Butanol	56	5.592	5.592	0.000	44	1702	25.0	21.6	
67 Trichloroethene	95	5.650	5.641	0.009	95	2754	1.00	1.08	
68 Ethyl acrylate	55	5.765	5.765	0.000	92	6031	1.00	0.9040	
69 Methylcyclohexane	83	5.773	5.773	0.000	84	4899	1.00	1.01	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	83	2655	1.00	1.01	
* 71 1,4-Dioxane-d8	96	5.978	5.995	-0.017	0	23132	1000.0	1000.0	
72 Methyl methacrylate	100	6.011	6.011	0.000	79	1594	2.00	2.00	
73 1,4-Dioxane	88	6.044	6.044	0.000	26	1330	50.0	52.2	
74 n-Propyl acetate	43	6.060	6.060	0.000	96	4016	1.00	1.09	
75 Dibromomethane	93	6.060	6.060	0.000	61	1850	1.00	1.16	
76 Dichlorobromomethane	83	6.200	6.200	0.000	96	3228	1.00	1.03	
77 2-Nitropropane	41	6.537	6.537	0.000	85	1620	2.00	2.62	
78 2-Chloroethyl vinyl ether	63	6.529	6.545	-0.016	79	1517	1.00	1.00	
79 Epichlorohydrin	57	6.652	6.644	0.008	98	6030	20.0	20.7	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	91	4657	1.00	1.14	
81 4-Methyl-2-pentanone (MIBK)	43	6.874	6.866	0.008	94	13490	5.00	4.96	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	466653	50.0	50.6	
83 Toluene	91	7.030	7.022	0.008	93	12124	1.00	1.10	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	94	3332	1.00	0.9593	
85 Ethyl methacrylate	69	7.408	7.408	0.000	82	3353	1.00	0.9591	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	92	1857	1.00	0.9802	
87 Tetrachloroethene	166	7.630	7.630	0.000	90	2230	1.00	1.04	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	87	4415	1.00	1.11	
89 2-Hexanone	43	7.860	7.860	0.000	94	8572	5.00	4.87	
90 n-Butyl acetate	43	7.975	7.975	0.000	97	4057	1.00	1.05	
91 Chlorodibromomethane	129	8.024	8.016	0.008	94	2111	1.00	1.00	
92 Ethylene Dibromide	107	8.180	8.172	0.008	97	2053	1.00	0.9580	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	86	334448	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	94	6669	1.00	0.99	
95 Ethylbenzene	106	8.871	8.871	0.000	97	4377	1.00	1.13	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	39	2146	1.00	0.9768	
97 m-Xylene & p-Xylene	106	9.018	9.027	-0.009	0	4582	1.00	0.9897	
98 n-Butyl acrylate	73	9.479	9.479	0.000	98	2063	1.00	0.9616	
99 o-Xylene	106	9.487	9.487	0.000	94	4709	1.00	0.99	
100 Styrene	104	9.511	9.512	-0.001	95	7539	1.00	0.9881	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	93	4539	1.00	0.9231	
102 Bromoform	173	9.717	9.717	0.000	60	1456	1.00	1.08	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	12008	1.00	0.99	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	87	126800	50.0	52.0	
105 Bromobenzene	156	10.136	10.136	0.000	93	2794	1.00	1.01	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	97	3465	1.00	1.00	
107 N-Propylbenzene	91	10.202	10.202	0.000	98	15645	1.00	0.9692	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	96	1124	1.00	1.10	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	70	966	1.00	1.12	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	10468	1.00	0.9736	
111 4-Ethyltoluene	105	10.300	10.300	0.000	99	12522	1.00	0.9780	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	91	9748	1.00	0.8856	
113 4-Chlorotoluene	91	10.382	10.383	-0.001	97	9795	1.00	1.03	
114 Butyl Methacrylate	87	10.432	10.440	-0.008	87	3387	1.00	0.8432	
115 tert-Butylbenzene	119	10.588	10.588	0.000	92	7561	1.00	0.8715	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	10635	1.00	0.9281	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	12810	1.00	0.9033	
119 1,3-Dichlorobenzene	146	10.859	10.851	0.008	75	6071	1.00	1.09	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	97	10595	1.00	0.9014	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	96	184838	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	90	6147	1.00	1.08	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	11238	1.00	0.9436	
123 Benzyl chloride	91	11.032	11.024	0.008	99	5633	1.00	0.8966	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	93	11606	1.00	0.99	
125 p-Diethylbenzene	119	11.114	11.114	0.000	91	6120	1.00	0.9451	
126 n-Butylbenzene	92	11.130	11.130	0.000	93	6240	1.00	0.9390	
127 1,2-Dichlorobenzene	146	11.180	11.171	0.009	94	5864	1.00	1.00	
128 1,2,4,5-Tetramethylbenzene	119	11.607	11.590	0.017	96	10816	1.00	0.9169	
129 1,2-Dibromo-3-Chloropropane	157	11.681	11.664	0.017	81	940	1.00	1.19	
130 1,3,5-Trichlorobenzene	180	11.763	11.747	0.016	94	5161	1.00	1.15	
131 1,2,4-Trichlorobenzene	180	12.166	12.141	0.025	93	4715	1.00	1.10	
132 Hexachlorobutadiene	225	12.231	12.207	0.024	90	1614	1.00	1.03	
133 Naphthalene	128	12.330	12.314	0.016	99	13004	1.00	1.00	
134 1,2,3-Trichlorobenzene	180	12.494	12.470	0.024	92	4212	1.00	1.05	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

S 136 Xylenes, Total	100				0		2.00	1.98	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 10.00	Units: uL	
14DIOXINTER_00116	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

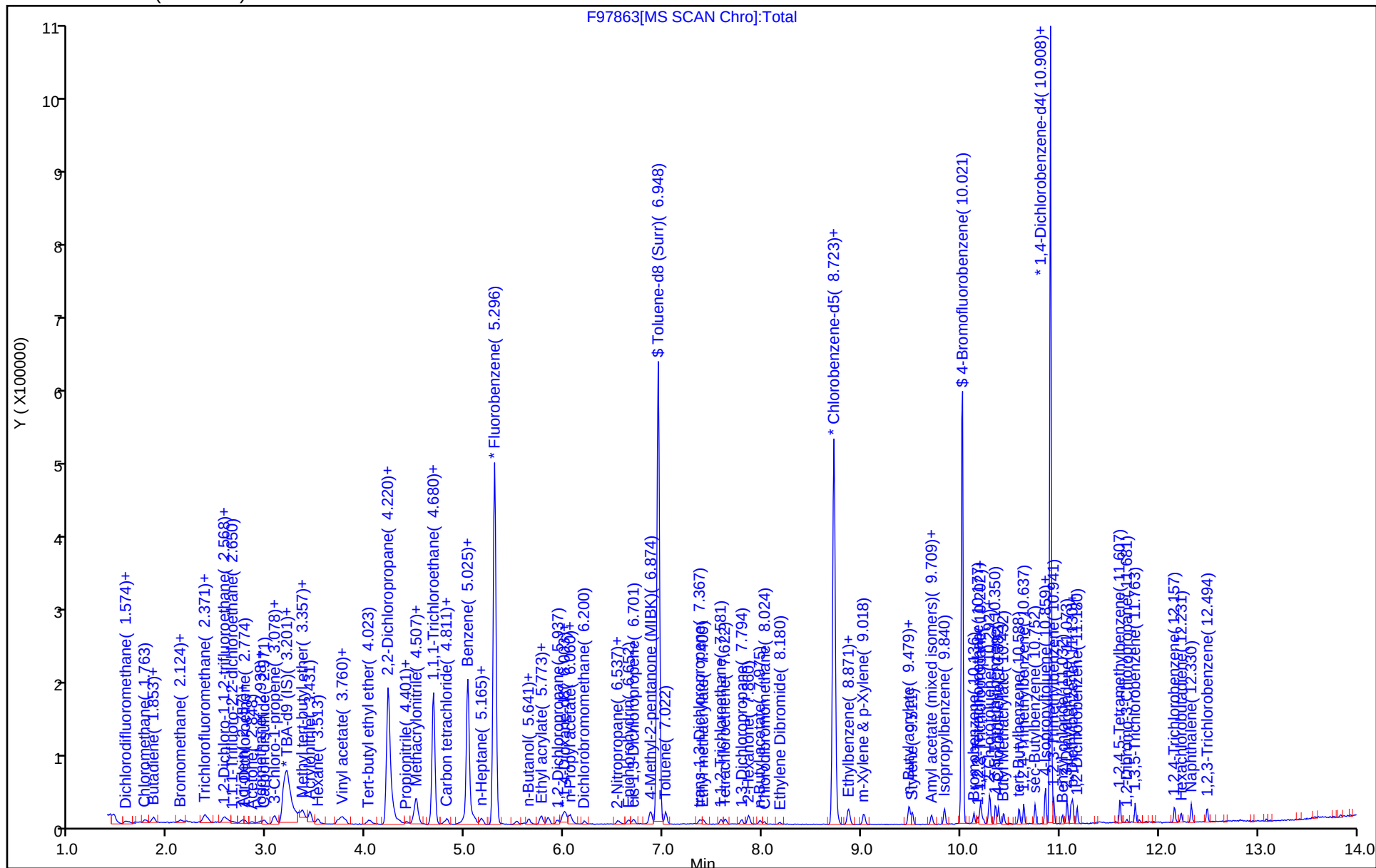
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

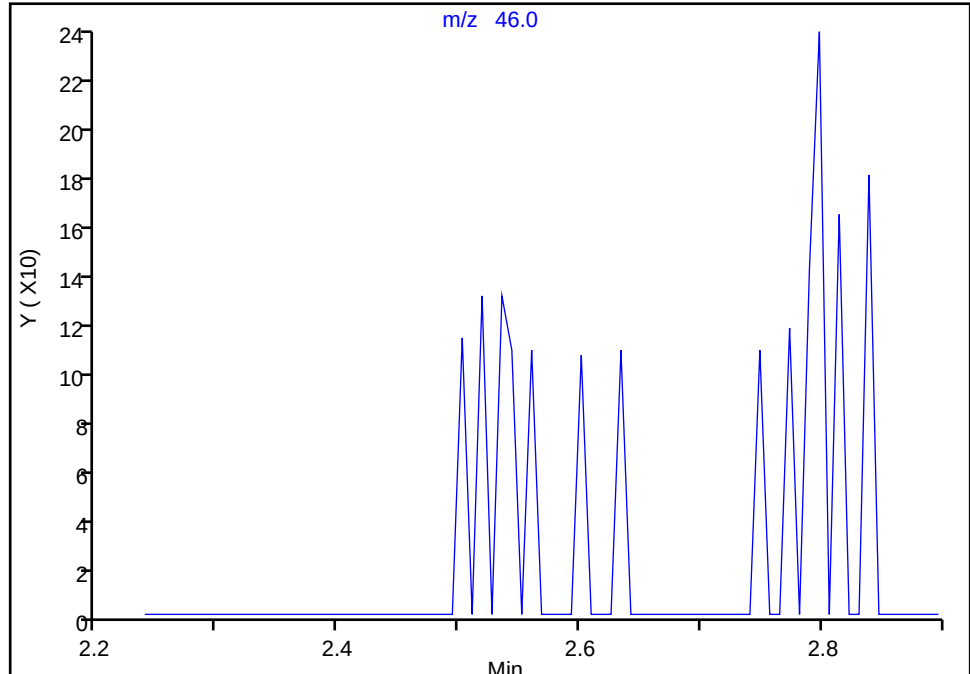
14 Ethanol, CAS: 64-17-5

Signal: 1

Not Detected

Expected RT: 2.56

Processing Integration Results



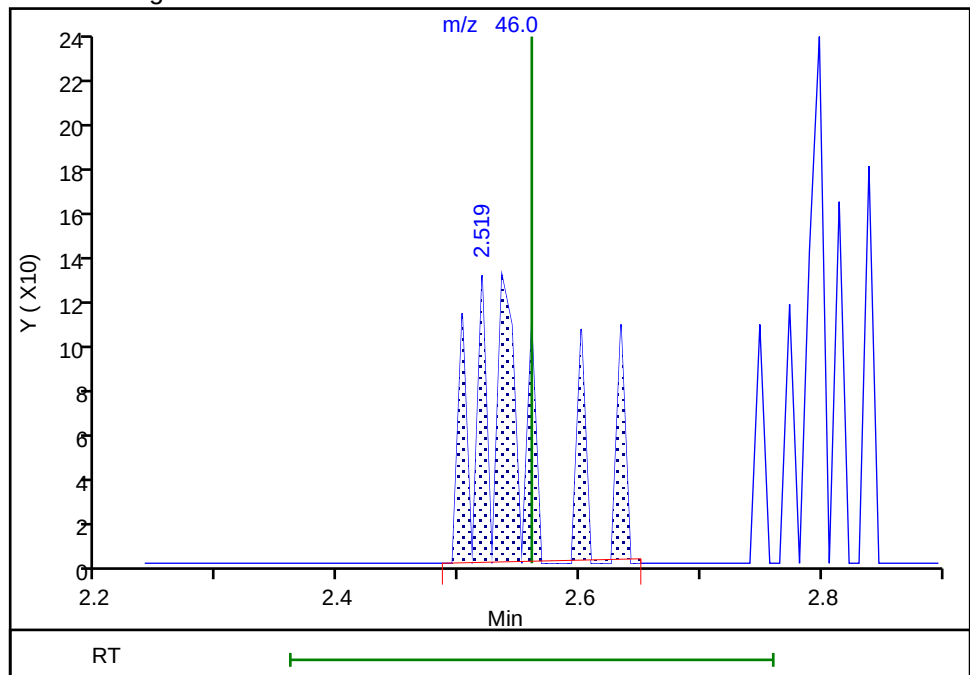
RT: 2.52

Area: 382

Amount: 32.182398

Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:47:48

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

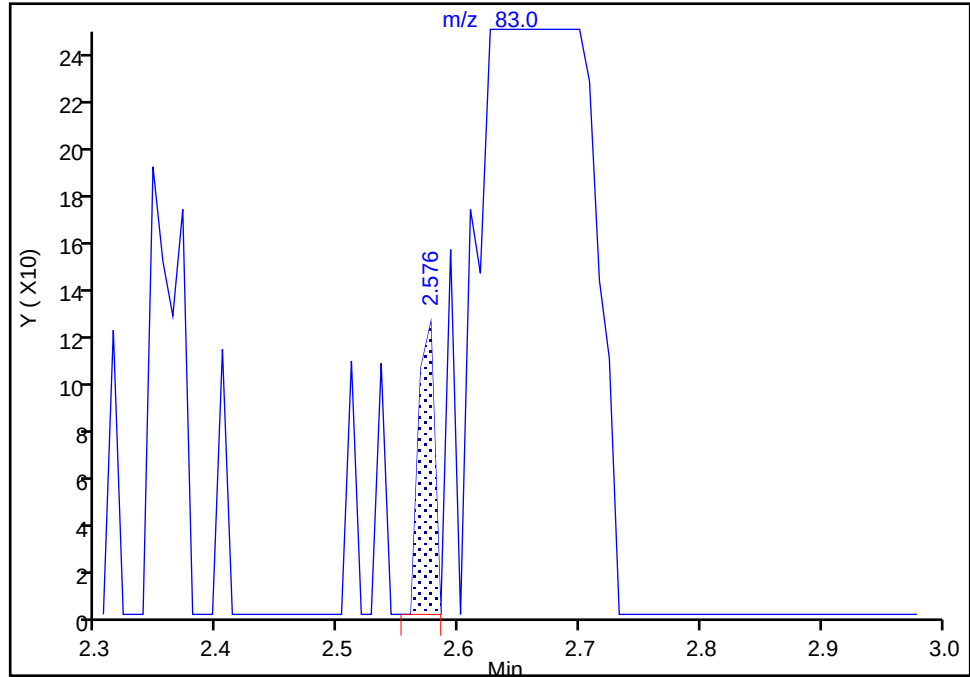
MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

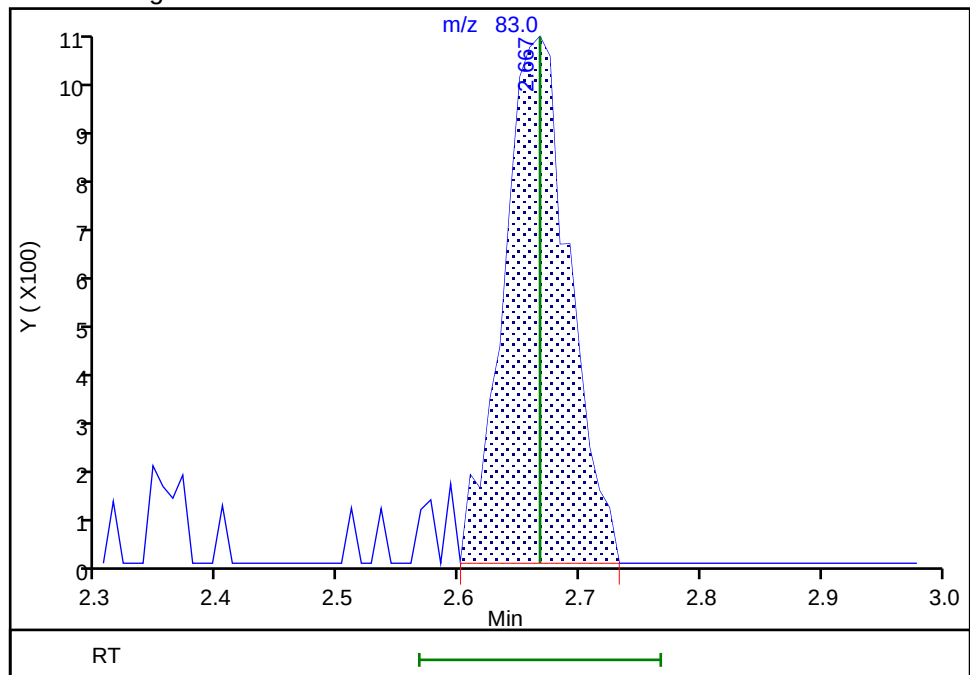
RT: 2.58
Area: 112
Amount: 0.030315
Amount Units: ug/l

Processing Integration Results



RT: 2.67
Area: 3854
Amount: 1.052920
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:13:45

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

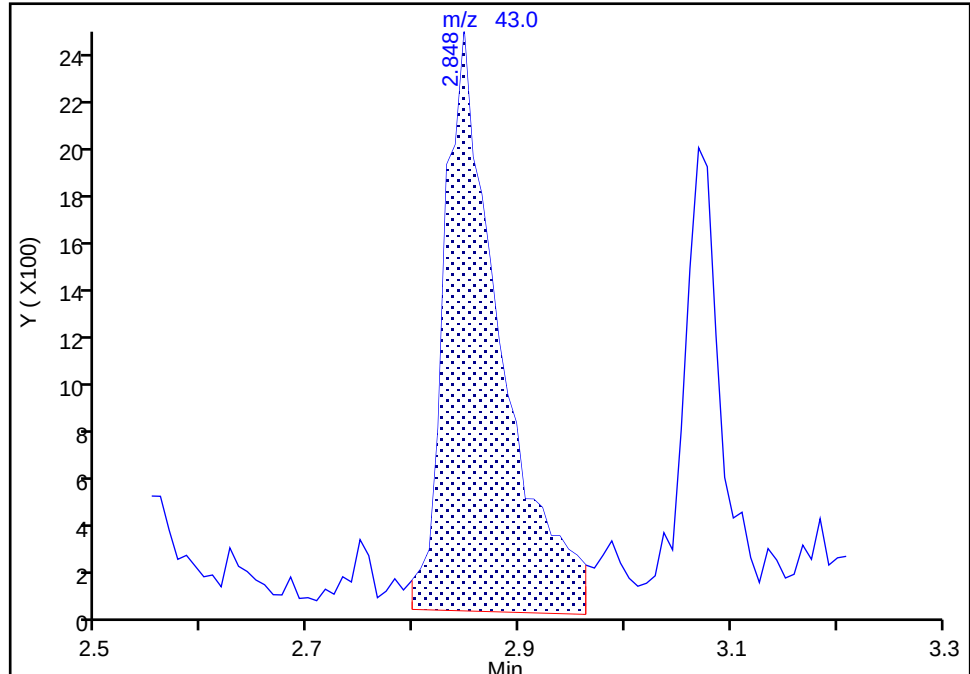
Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

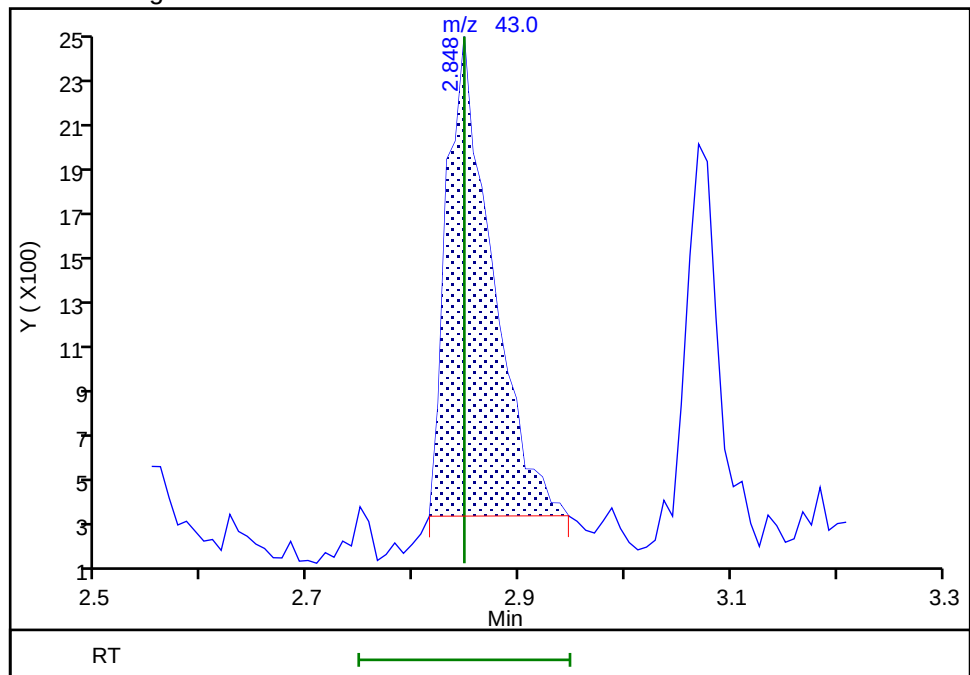
RT: 2.85
Area: 8638
Amount: 7.423485
Amount Units: ug/l

Processing Integration Results



RT: 2.85
Area: 6191
Amount: 5.319097
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 12:44:25

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

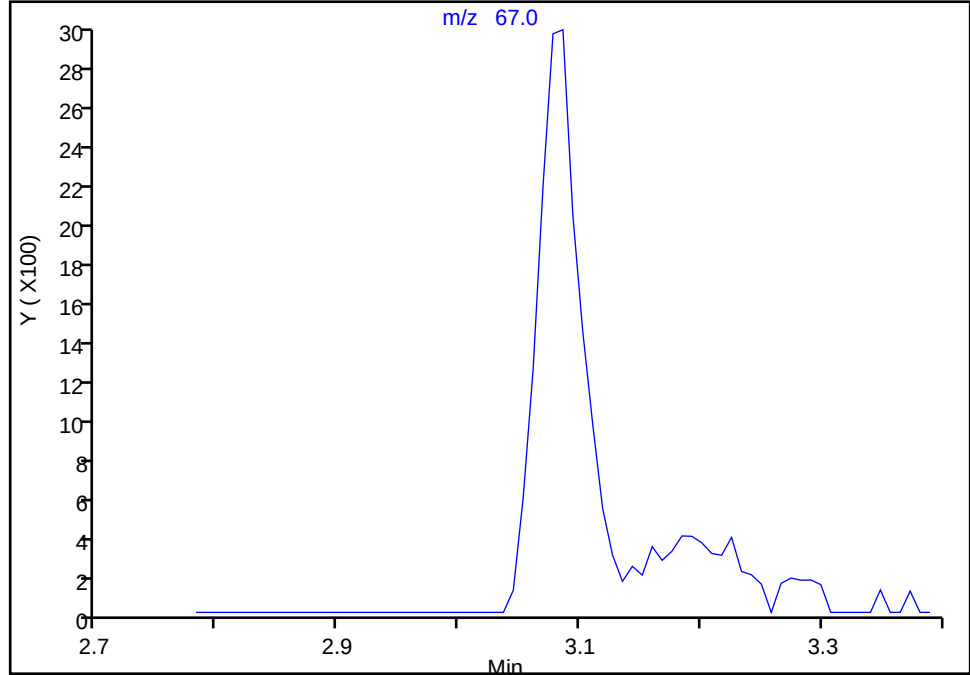
28 Cyclopentene, CAS: 142-29-0

Signal: 1

Not Detected

Expected RT: 3.09

Processing Integration Results



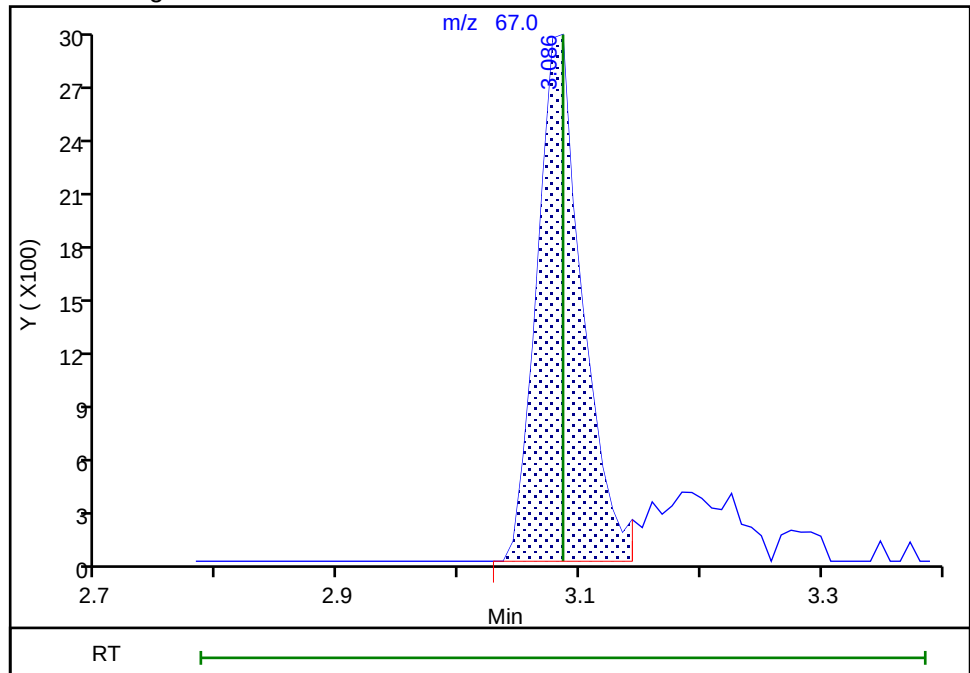
RT: 3.09

Area: 7775

Amount: 1.136446

Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:12:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

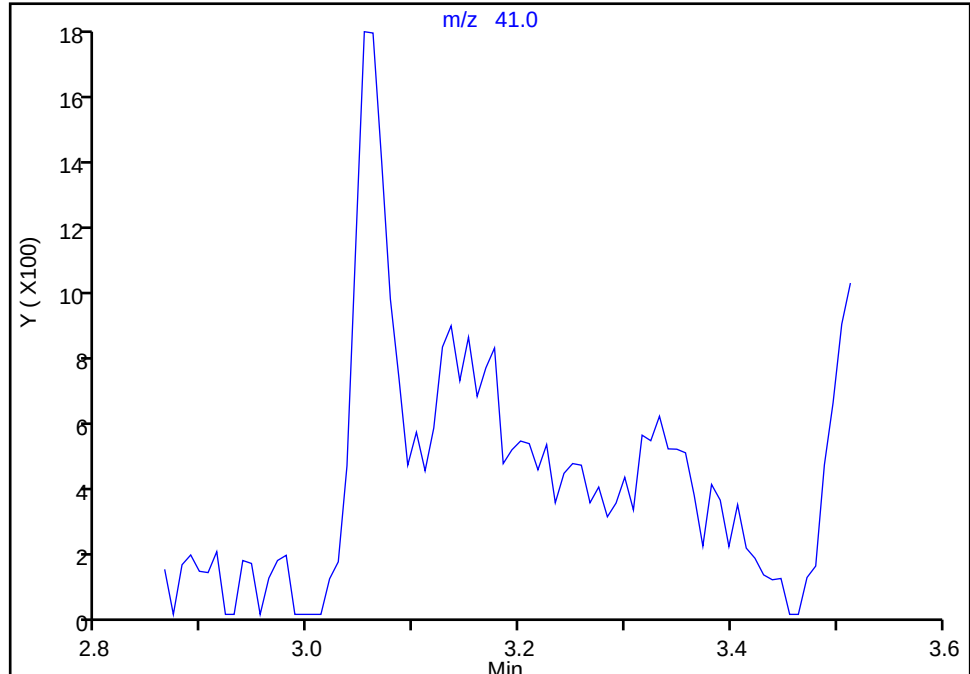
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

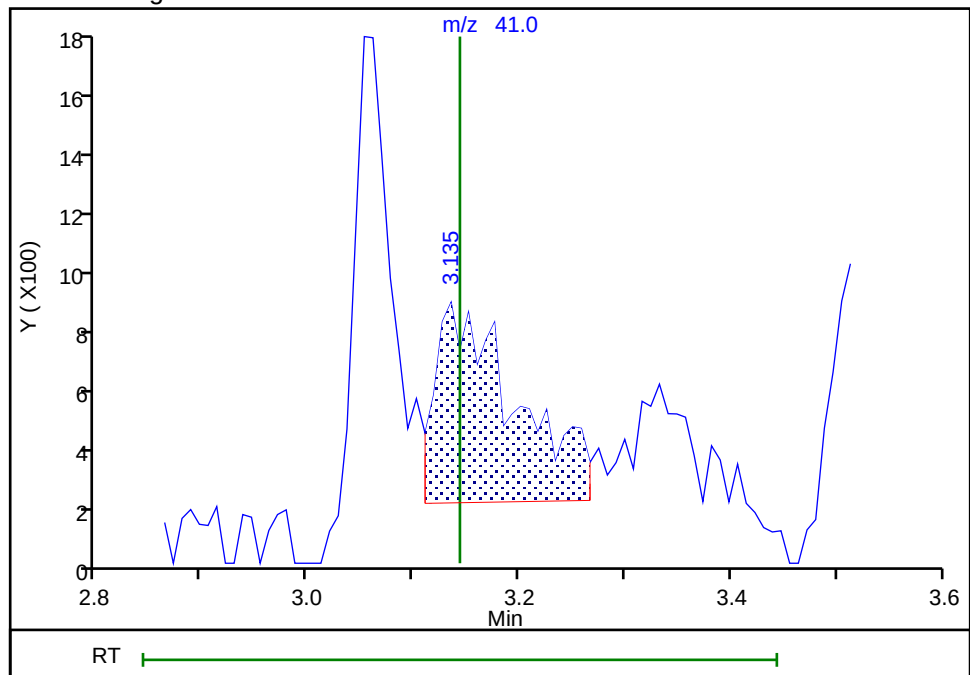
Expected RT: 3.14

Processing Integration Results



RT: 3.14
Area: 3636
Amount: 10.635264
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:53:28

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97863.D

Injection Date: 01-Jul-2020 16:41:30

Instrument ID: CVOAMS6

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

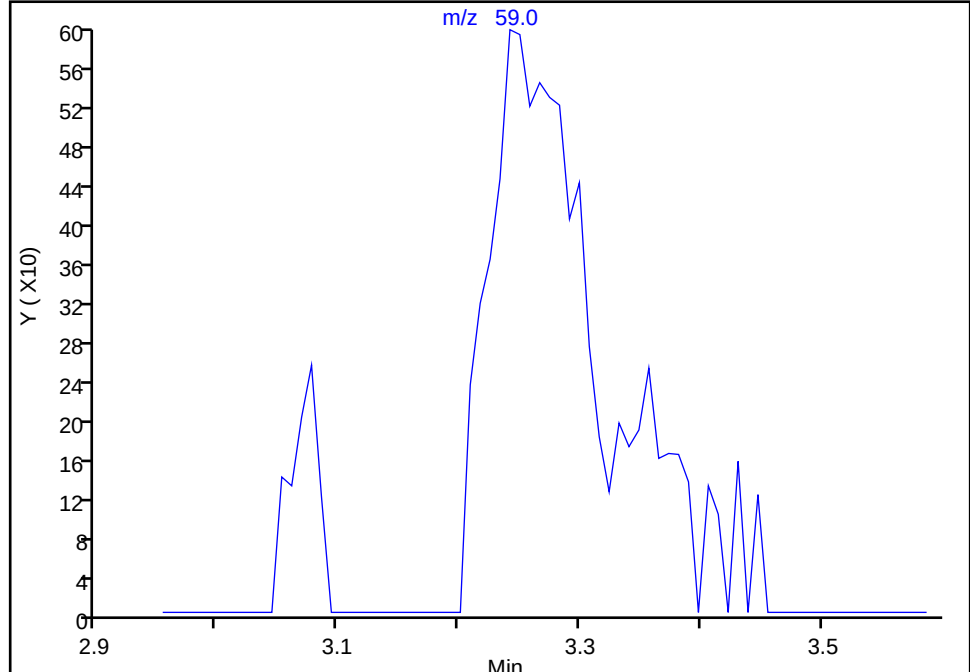
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

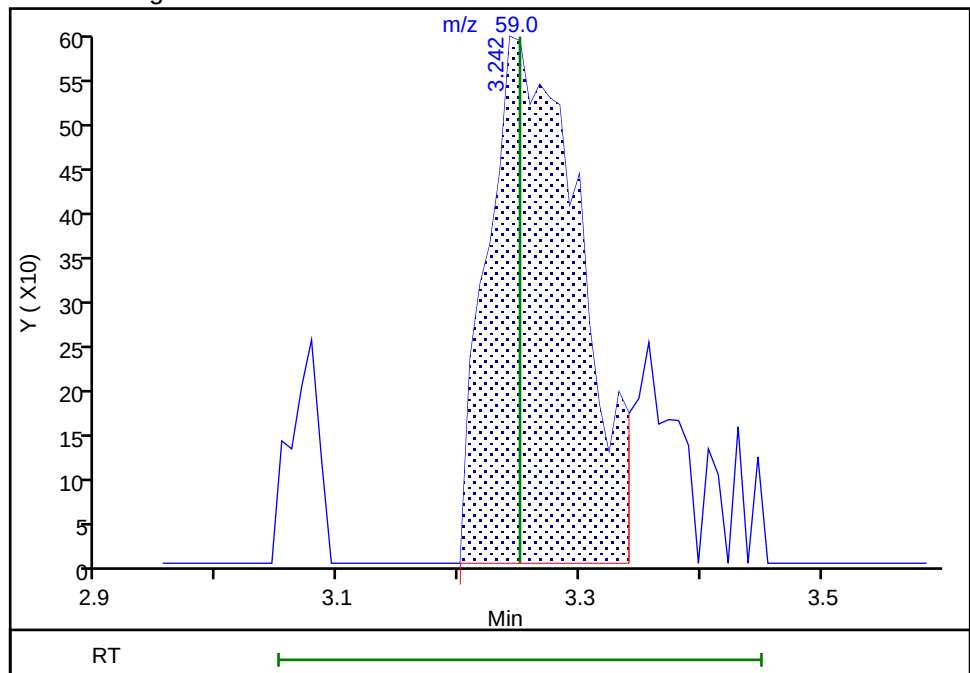
Not Detected

Expected RT: 3.25

Processing Integration Results



Manual Integration Results



RT: 3.24

Area: 3157

Amount: 10.363532

Amount Units: ug/l

Reviewer: kluseys, 02-Jul-2020 15:25:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 01-Jul-2020 17:06:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0112547-006
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:35:47 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 19:16:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.476	1.475	0.001	52	1198	5.00	4.00	
3 Chlorotrifluoroethene	116	1.574	1.574	0.000	61	5383	5.00	4.40	
2 1,1-Difluoroethane	51	1.566	1.582	-0.016	97	14299	5.00	4.88	
4 Dichlorodifluoromethane	85	1.599	1.607	-0.008	65	16484	5.00	4.44	
5 Chlorodifluoromethane	51	1.607	1.623	-0.016	97	18083	5.00	4.96	
6 Chloromethane	50	1.771	1.771	0.000	99	18709	5.00	4.94	
7 Butadiene	54	1.854	1.853	0.001	94	16393	5.00	4.90	
8 Vinyl chloride	62	1.854	1.862	-0.008	98	17960	5.00	4.77	
9 Bromomethane	94	2.125	2.133	-0.008	98	12175	5.00	5.20	
10 Chloroethane	64	2.174	2.182	-0.008	98	10572	5.00	5.14	
11 Dichlorofluoromethane	67	2.355	2.363	-0.008	99	23676	5.00	4.62	
12 Trichlorofluoromethane	101	2.371	2.379	-0.008	97	18944	5.00	4.87	
13 Pentane	72	2.379	2.388	-0.009	97	5490	10.0	10.3	
14 Ethanol	46	2.552	2.560	-0.008	65	2036	200.0	185.5	M
15 Ethyl ether	59	2.552	2.560	-0.008	93	10119	5.00	4.64	
16 2-Methyl-1,3-butadiene	53	2.577	2.577	0.000	94	11634	5.00	4.63	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.610	2.618	-0.008	88	11227	5.00	4.90	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.659	2.667	-0.008	90	18657	5.00	4.70	a
19 Acrolein	56	2.725	2.733	-0.008	79	3743	20.0	19.4	M
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.749	-0.008	89	12542	5.00	4.70	
21 1,1-Dichloroethene	96	2.774	2.782	-0.008	98	12644	5.00	4.63	
22 Acetone	43	2.840	2.848	-0.008	87	18967	25.0	15.1	
23 Iodomethane	142	2.922	2.930	-0.008	97	21173	5.00	4.73	
24 Isopropyl alcohol	45	2.955	2.946	0.009	29	5834	50.0	48.5	M
25 Carbon disulfide	76	2.971	2.971	0.000	99	51377	5.00	4.71	
26 3-Chloro-1-propene	41	3.053	3.061	-0.008	97	23562	5.00	4.66	
27 Methyl acetate	43	3.070	3.078	-0.008	97	21861	10.0	9.45	
28 Cyclopentene	67	3.078	3.086	-0.008	93	33906	5.00	4.57	
29 Acetonitrile	41	3.152	3.143	0.009	19	13257	50.0	41.9	Ma
* 31 TBA-d9 (IS)	65	3.193	3.185	0.008	0	250712	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.193	3.193	0.000	43	16788	5.00	5.06	
32 2-Methyl-2-propanol	59	3.250	3.250	0.000	95	15168	50.0	53.8	a
33 Methyl tert-butyl ether	73	3.341	3.349	-0.008	97	33854	5.00	4.96	
34 trans-1,2-Dichloroethene	96	3.357	3.365	-0.008	95	12912	5.00	4.67	
35 Acrylonitrile	53	3.431	3.439	-0.008	95	63994	50.0	50.5	
36 Hexane	43	3.513	3.513	0.000	88	11260	5.00	4.88	
37 Isopropyl ether	45	3.719	3.727	-0.008	95	39388	5.00	4.93	
38 1,1-Dichloroethane	63	3.743	3.752	-0.009	99	22026	5.00	4.74	
39 Vinyl acetate	86	3.760	3.768	-0.008	99	5810	10.0	9.54	
40 2-Chloro-1,3-butadiene	88	3.785	3.793	-0.008	88	11304	5.00	4.60	
41 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	89	35268	5.00	4.81	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	327013	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.245	-0.009	49	4344	5.00	5.07	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	97	14376	5.00	4.78	
45 Ethyl acetate	70	4.269	4.277	-0.008	93	3667	10.0	10.2	
46 2-Butanone (MEK)	72	4.278	4.277	0.001	96	10400	25.0	24.1	
47 Methyl acrylate	55	4.327	4.327	0.000	98	13104	5.00	4.88	
48 Propionitrile	54	4.401	4.409	-0.008	99	20477	50.0	47.2	
50 Chlorobromomethane	128	4.475	4.475	0.000	90	6897	5.00	4.78	
49 Tetrahydrofuran	72	4.475	4.483	-0.008	71	4611	10.0	9.81	
51 Methacrylonitrile	67	4.499	4.508	-0.009	89	69575	50.0	49.1	
52 Chloroform	83	4.524	4.524	0.000	98	21186	5.00	4.88	
53 Cyclohexane	84	4.656	4.664	-0.008	87	22450	5.00	4.67	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	96	117110	50.0	50.0	
54 1,1,1-Trichloroethane	97	4.672	4.680	-0.008	73	18220	5.00	4.76	
56 Carbon tetrachloride	117	4.787	4.795	-0.008	97	14031	5.00	4.55	
57 1,1-Dichloropropene	75	4.812	4.820	-0.008	98	17590	5.00	4.70	
58 Isobutyl alcohol	43	4.935	4.935	0.000	93	10207	125.0	115.4	
59 Benzene	78	5.017	5.017	0.000	95	55733	5.00	4.95	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	142264	50.0	49.1	
61 Isopropyl acetate	43	5.075	5.066	0.009	91	36044	5.00	4.71	
62 Tert-amyl methyl ether	73	5.066	5.074	-0.008	81	38806	5.00	4.96	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	96	16747	5.00	4.83	
64 n-Heptane	57	5.165	5.165	0.000	88	10927	5.00	4.92	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	528955	50.0	50.0	
66 n-Butanol	56	5.592	5.592	0.000	86	8638	125.0	118.3	
67 Trichloroethene	95	5.642	5.641	0.001	96	13289	5.00	4.80	
68 Ethyl acrylate	55	5.765	5.765	0.000	95	31853	5.00	4.40	
69 Methylcyclohexane	83	5.765	5.773	-0.008	82	23967	5.00	4.54	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	13473	5.00	4.74	
* 71 1,4-Dioxane-d8	96	5.987	5.995	-0.008	0	20252	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	6.011	-0.008	83	7915	10.0	9.15	
73 1,4-Dioxane	88	6.052	6.044	0.008	26	2638	100.0	118.3	
74 n-Propyl acetate	43	6.061	6.060	0.001	97	19169	5.00	4.79	
75 Dibromomethane	93	6.052	6.060	-0.008	68	8099	5.00	4.66	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	15518	5.00	4.56	
77 2-Nitropropane	41	6.537	6.537	0.000	80	5970	10.0	8.92	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	79	7386	5.01	4.49	
79 Epichlorohydrin	57	6.644	6.644	0.000	99	29563	100.0	93.6	
80 cis-1,3-Dichloropropene	75	6.702	6.701	0.001	90	20454	5.00	4.63	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.866	0.000	95	69901	25.0	23.7	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	100	504464	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.022	7.022	0.000	93	57214	5.00	4.82	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	95	17226	5.00	4.60	
85 Ethyl methacrylate	69	7.408	7.408	0.000	87	17366	5.00	4.60	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	97	10288	5.00	5.03	
87 Tetrachloroethene	166	7.630	7.630	0.000	93	11610	5.00	5.01	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	91	20216	5.00	4.73	
89 2-Hexanone	43	7.860	7.860	0.000	94	43020	25.0	22.6	
90 n-Butyl acetate	43	7.975	7.975	0.000	97	20272	5.00	4.86	
91 Chlorodibromomethane	129	8.016	8.016	0.000	97	10931	5.00	4.79	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	11282	5.00	4.88	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	86	360836	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	94	34793	5.00	4.81	
95 Ethylbenzene	106	8.863	8.871	-0.008	98	19876	5.00	4.76	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	94	11224	5.00	4.74	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	23576	5.00	4.72	
98 n-Butyl acrylate	73	9.479	9.479	0.000	99	10547	5.00	4.56	
99 o-Xylene	106	9.487	9.487	0.000	94	24580	5.00	4.79	
100 Styrene	104	9.512	9.512	0.000	96	38573	5.00	4.69	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	93	24094	5.00	4.57	
102 Bromoform	173	9.717	9.717	0.000	95	6808	5.00	4.68	
103 Isopropylbenzene	105	9.840	9.840	0.000	96	60331	5.00	4.62	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	87	133223	50.0	50.6	
105 Bromobenzene	156	10.136	10.136	0.000	99	14058	5.00	4.73	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	17676	5.00	4.74	
107 N-Propylbenzene	91	10.202	10.202	0.000	99	78830	5.00	4.56	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	98	5388	5.00	4.93	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	76	4153	5.00	4.48	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	52807	5.00	4.59	
111 4-Ethyltoluene	105	10.301	10.300	0.001	97	61919	5.00	4.51	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	93	53141	5.00	4.51	
113 4-Chlorotoluene	91	10.383	10.383	0.000	97	46260	5.00	4.55	
114 Butyl Methacrylate	87	10.440	10.440	0.000	87	18706	5.00	4.35	
115 tert-Butylbenzene	119	10.588	10.588	0.000	94	39772	5.00	4.28	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	98	55383	5.00	4.51	
117 sec-Butylbenzene	105	10.753	10.752	0.000	99	66884	5.00	4.40	
119 1,3-Dichlorobenzene	146	10.859	10.851	0.008	73	29359	5.00	4.91	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	97	55011	5.00	4.37	
* 120 1,4-Dichlorobenzene-d4	152	10.909	10.908	0.001	96	197993	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	93	30015	5.00	4.90	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	56908	5.00	4.46	
123 Benzyl chloride	91	11.024	11.024	0.000	98	29026	5.00	4.31	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	58860	5.00	4.69	
125 p-Diethylbenzene	119	11.114	11.114	0.000	91	32454	5.00	4.68	
126 n-Butylbenzene	92	11.130	11.130	0.000	98	32482	5.00	4.56	
127 1,2-Dichlorobenzene	146	11.180	11.171	0.009	95	31039	5.00	4.96	
128 1,2,4,5-Tetramethylbenzene	119	11.607	11.590	0.017	97	57573	5.00	4.56	
129 1,2-Dibromo-3-Chloropropane	157	11.681	11.664	0.017	95	4061	5.00	4.79	
130 1,3,5-Trichlorobenzene	180	11.763	11.747	0.016	96	22864	5.00	4.75	
131 1,2,4-Trichlorobenzene	180	12.158	12.141	0.017	93	22125	5.00	4.82	
132 Hexachlorobutadiene	225	12.223	12.207	0.016	93	8052	5.00	4.81	
133 Naphthalene	128	12.330	12.314	0.016	99	66190	5.00	4.76	
134 1,2,3-Trichlorobenzene	180	12.486	12.470	0.016	94	20871	5.00	4.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		10.0	9.45	
S 136 Xylenes, Total	100				0		10.0	9.51	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

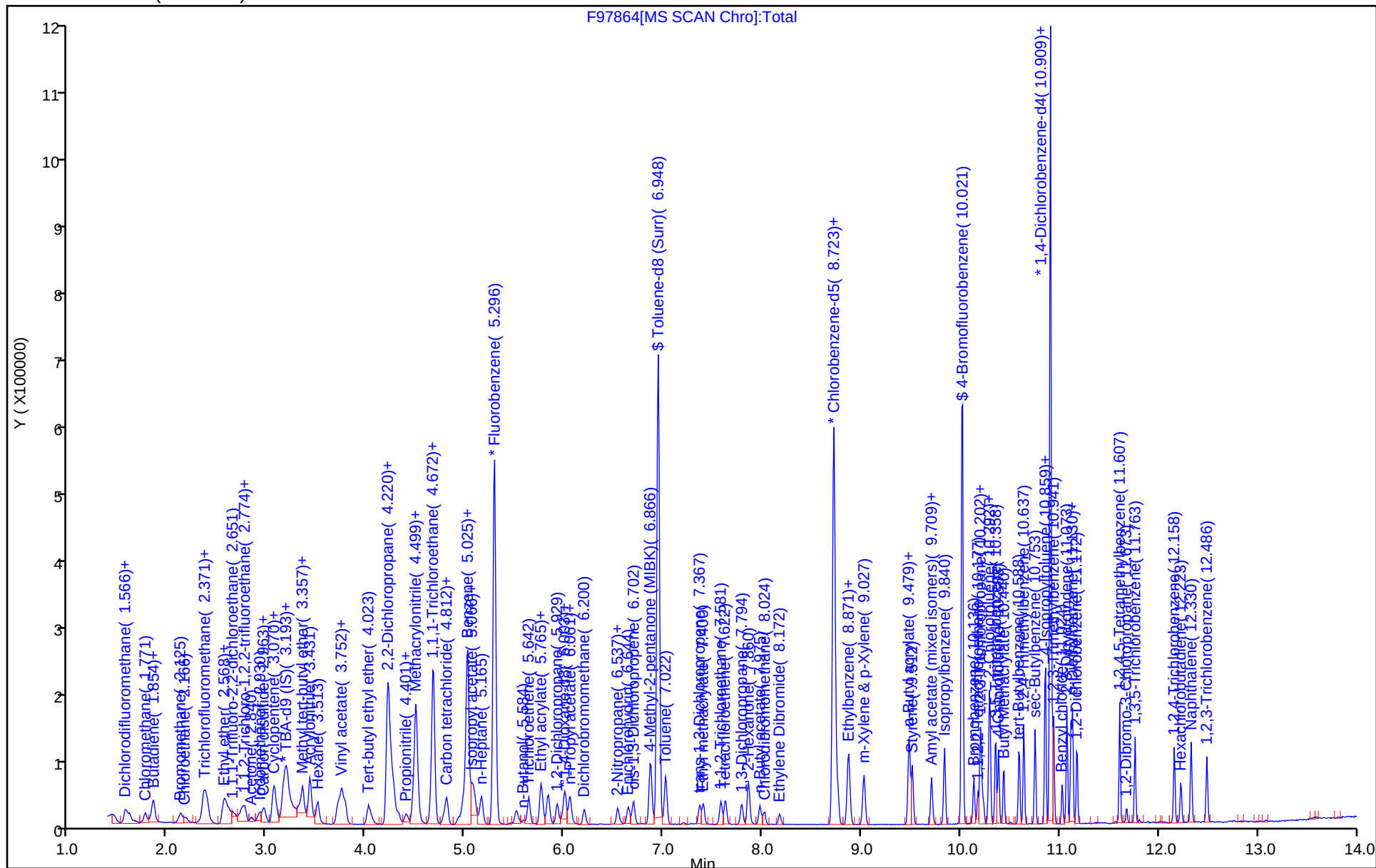
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

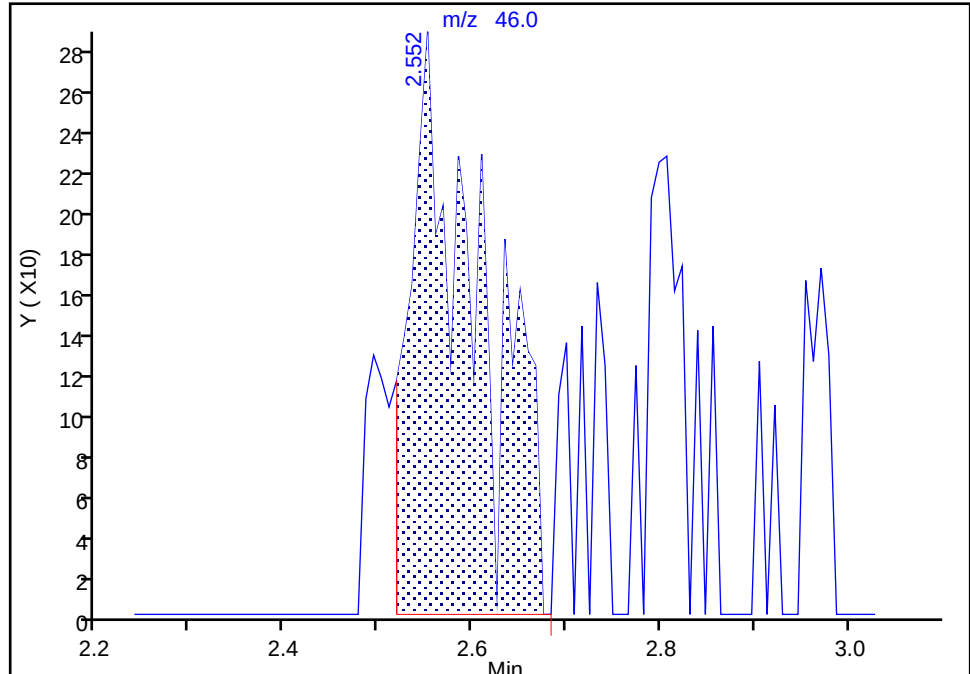
Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

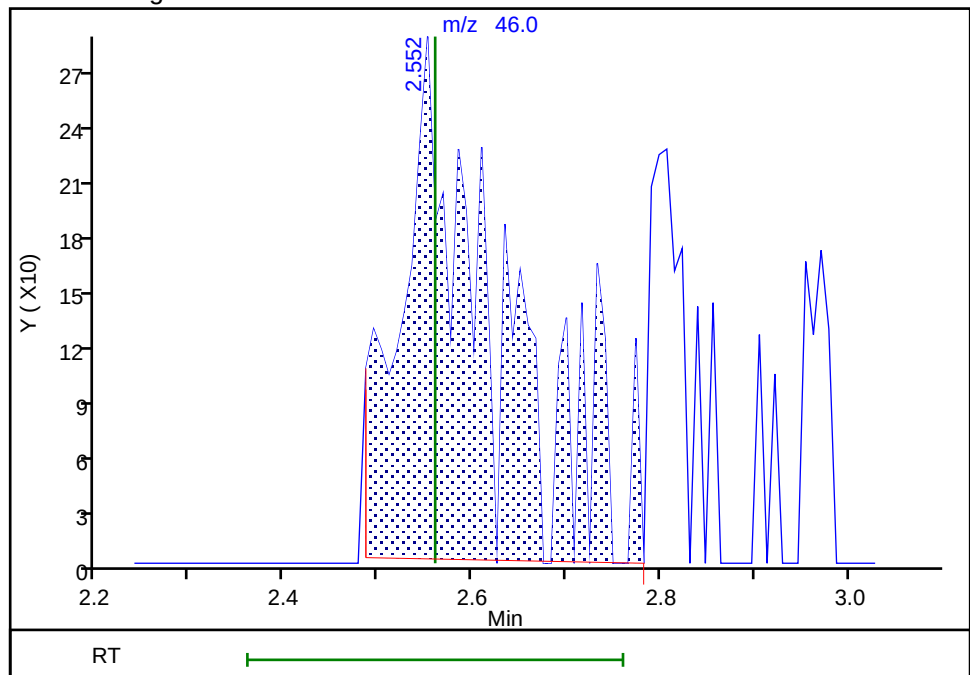
RT: 2.55
Area: 1463
Amount: 132.6978
Amount Units: ug/l

Processing Integration Results



RT: 2.55
Area: 2036
Amount: 185.4990
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:50:25

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

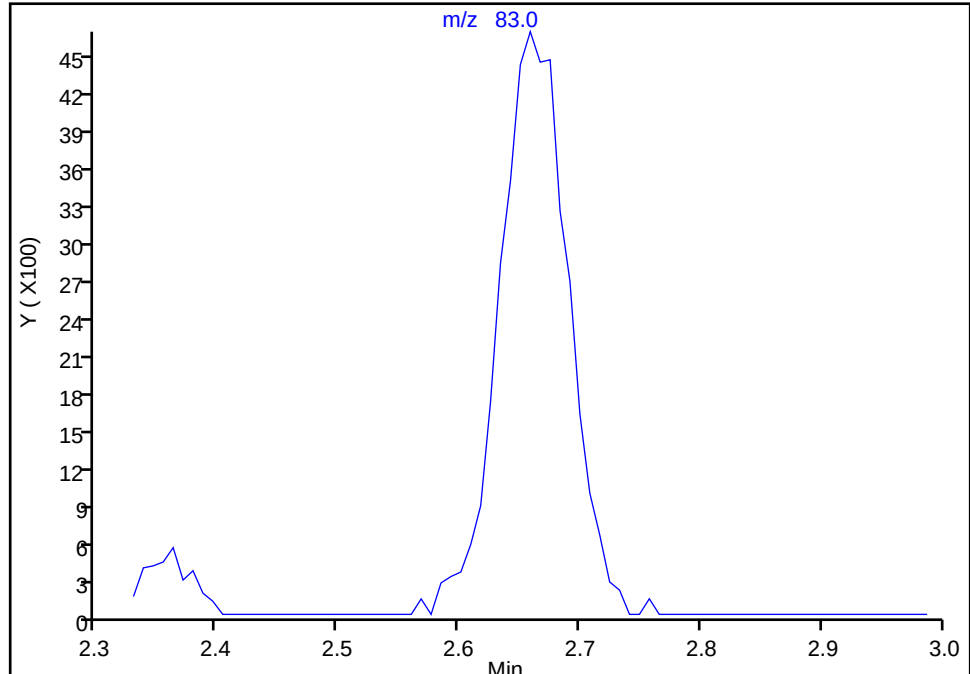
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

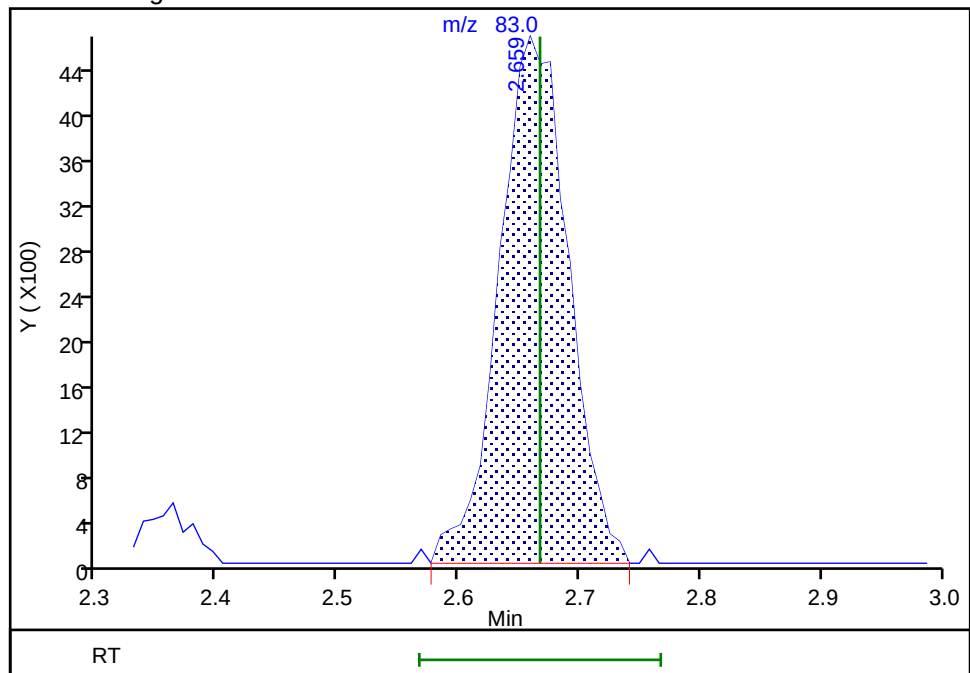
Not Detected

Expected RT: 2.67

Processing Integration Results



Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:16:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

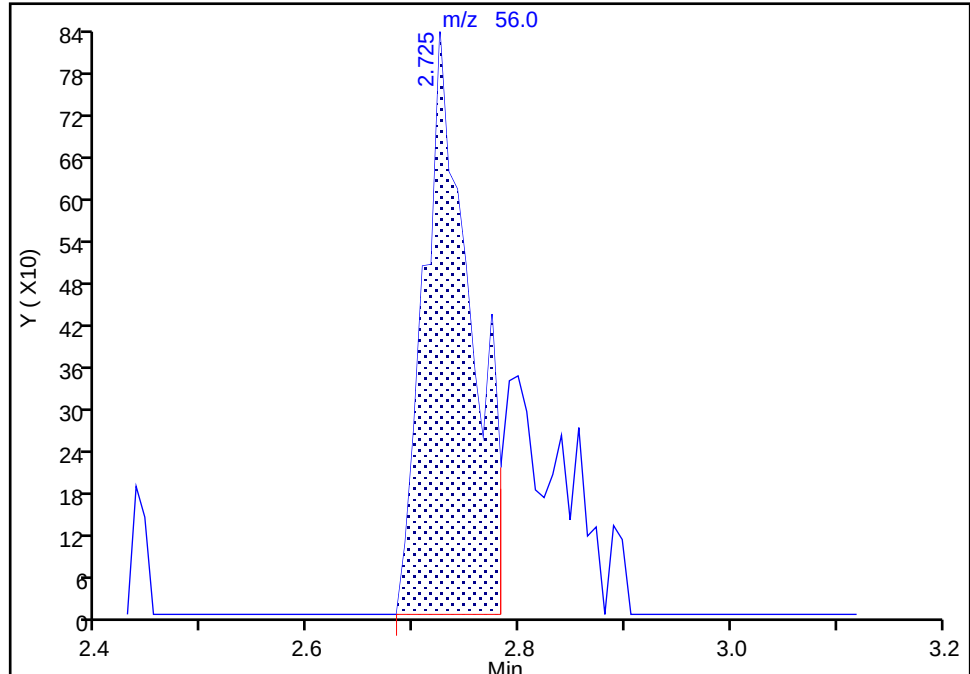
Detector: MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

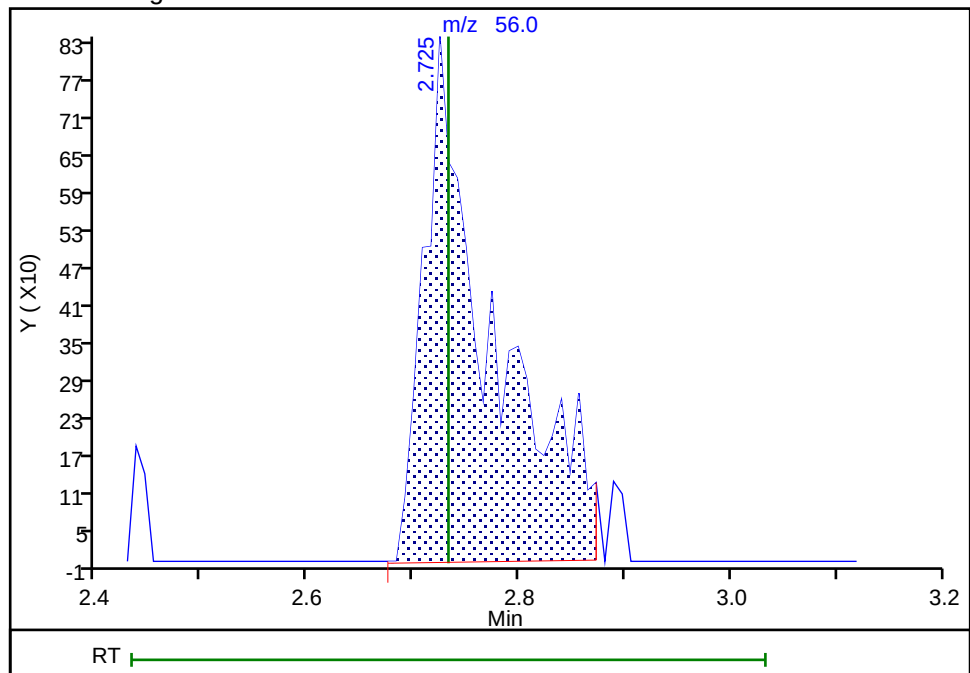
RT: 2.72
Area: 2551
Amount: 15.257635
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 3743
Amount: 19.406674
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 09:28:58

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

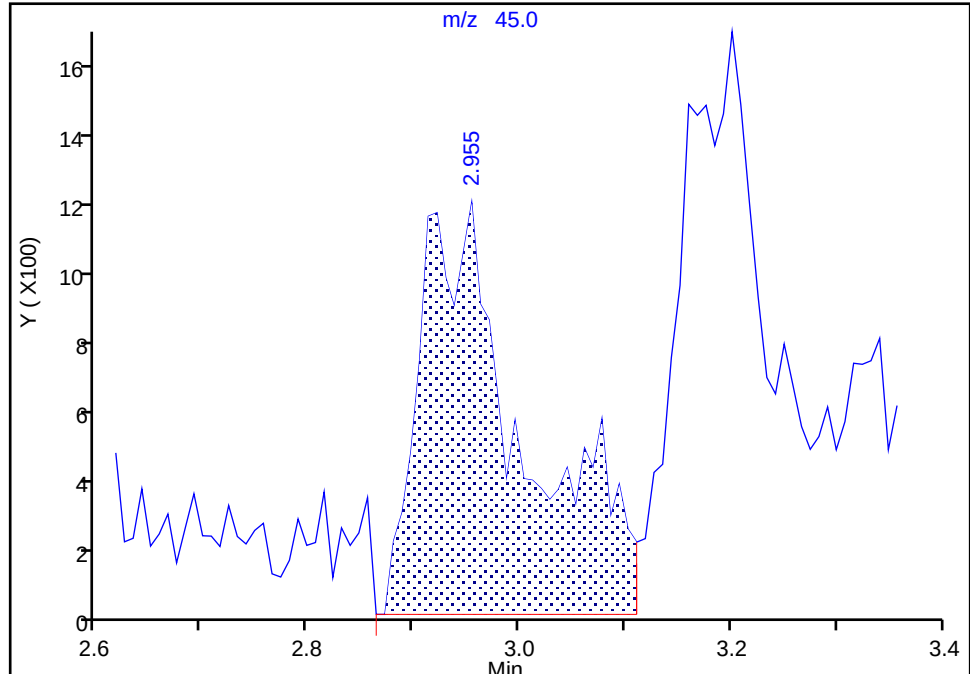
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

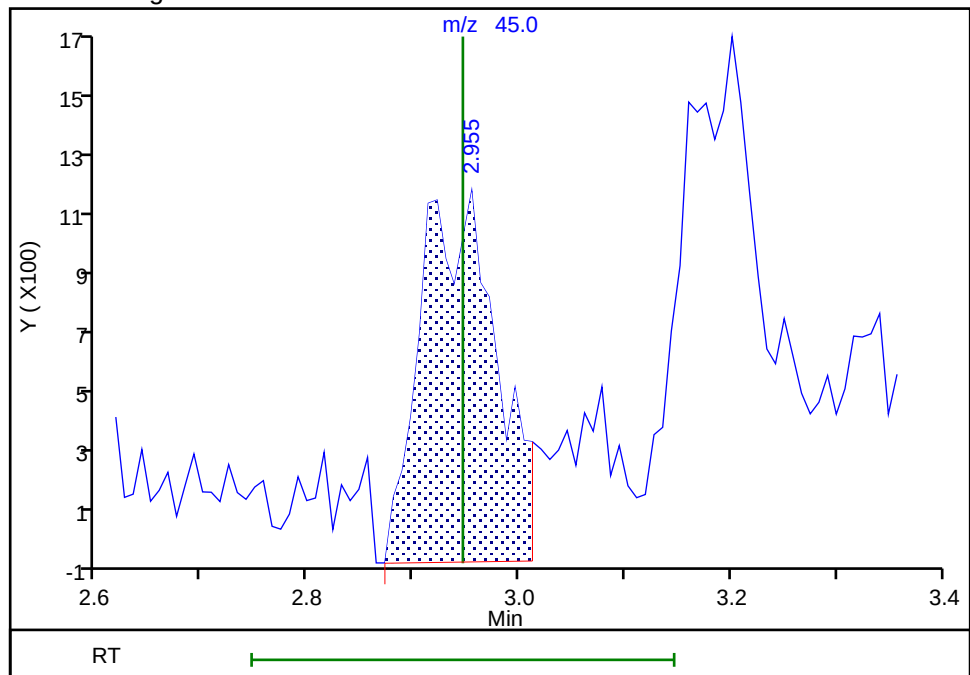
RT: 2.95
Area: 7951
Amount: 52.643556
Amount Units: ug/l

Processing Integration Results



RT: 2.95
Area: 5834
Amount: 48.461021
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 13:02:29

Audit Action: Manually Integrated

Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

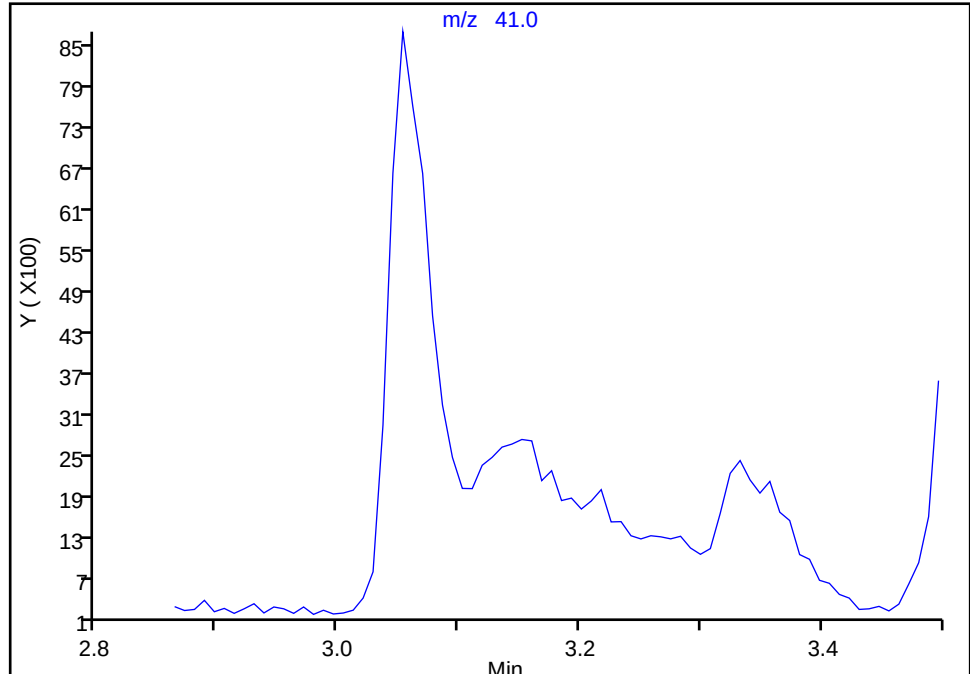
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

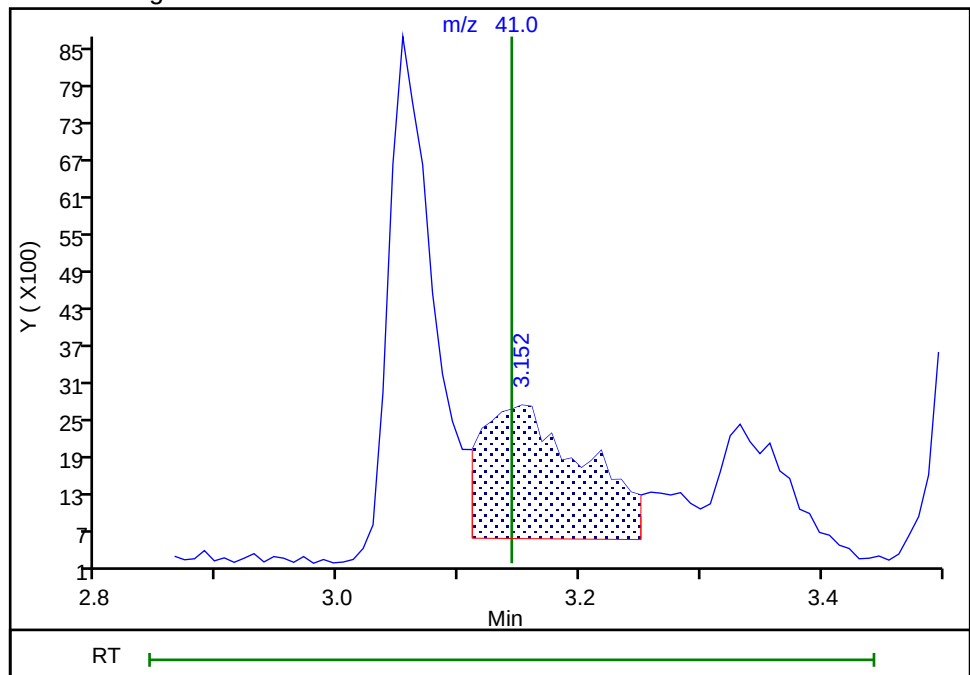
Expected RT: 3.14

Processing Integration Results



RT: 3.15
Area: 13257
Amount: 41.935181
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:50:58

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97864.D

Injection Date: 01-Jul-2020 17:06:30

Instrument ID: CVOAMS6

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

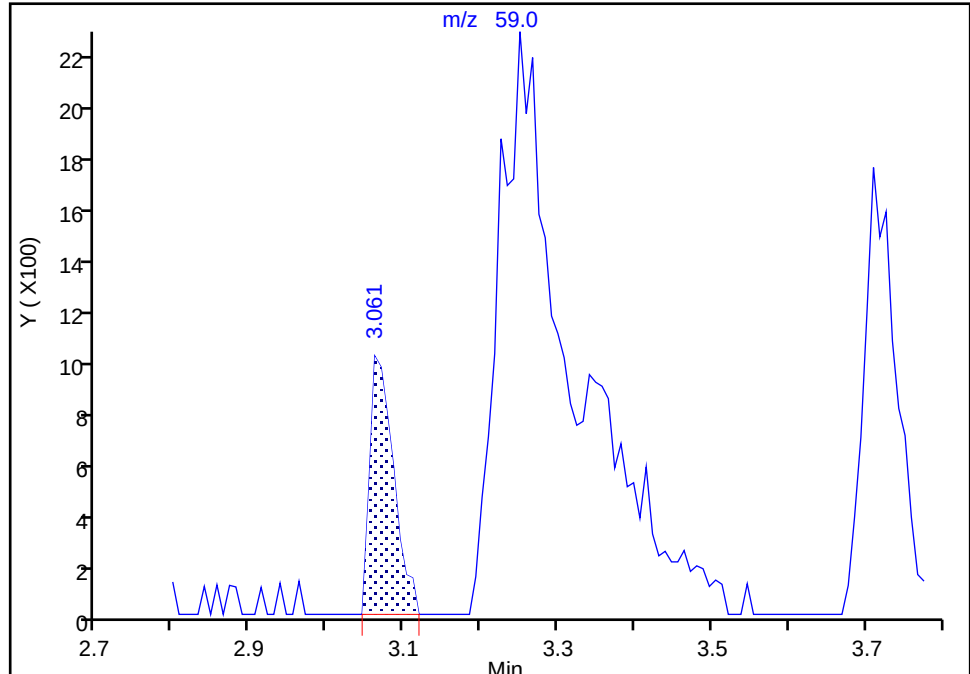
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

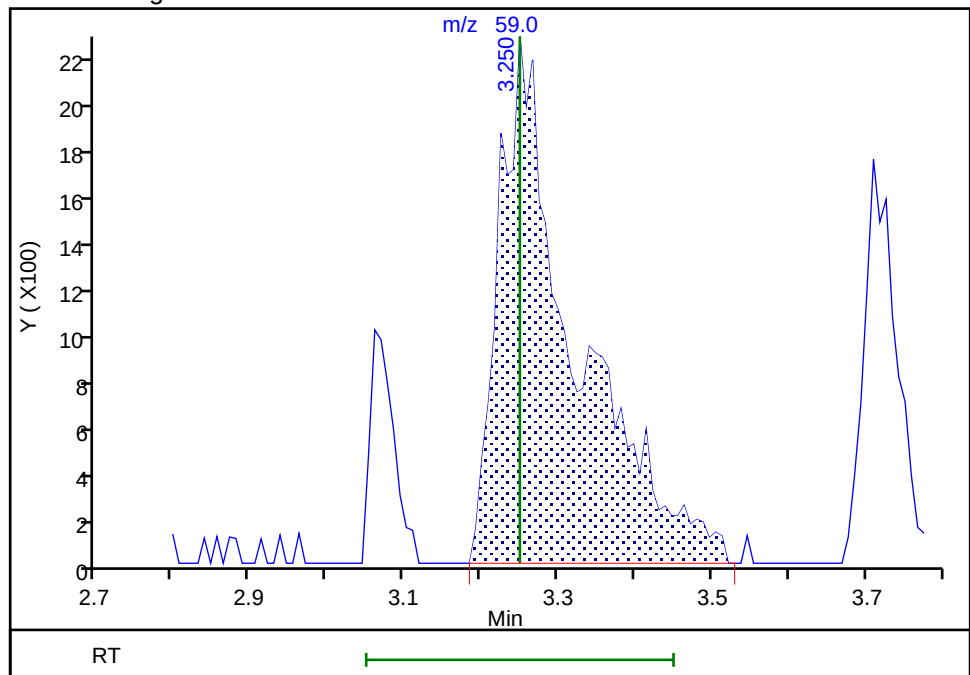
RT: 3.06
Area: 2095
Amount: 26.269086
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 15168
Amount: 53.848103
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 15:26:07

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 01-Jul-2020 17:31:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0112547-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:36:02 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 19:11:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.475	1.475	0.000	89	6913	20.0	23.1	
3 Chlorotrifluoroethene	116	1.574	1.574	0.000	57	26027	20.0	21.3	
2 1,1-Difluoroethane	51	1.582	1.582	0.000	98	60047	20.0	20.5	
4 Dichlorodifluoromethane	85	1.607	1.607	0.000	98	77938	20.0	21.0	
5 Chlorodifluoromethane	51	1.623	1.623	0.000	97	71287	20.0	19.5	
6 Chloromethane	50	1.771	1.771	0.000	99	69841	20.0	18.4	
7 Butadiene	54	1.853	1.853	0.000	92	68969	20.0	20.6	
8 Vinyl chloride	62	1.862	1.862	0.000	98	77250	20.0	20.5	
9 Bromomethane	94	2.133	2.133	0.000	99	47073	20.0	20.1	
10 Chloroethane	64	2.182	2.182	0.000	99	41418	20.0	20.2	
11 Dichlorofluoromethane	67	2.363	2.363	0.000	99	97765	20.0	19.1	
12 Trichlorofluoromethane	101	2.379	2.379	0.000	98	76918	20.0	19.8	
13 Pentane	72	2.388	2.388	0.000	96	22685	40.0	41.7	M
14 Ethanol	46	2.560	2.560	0.000	70	10330	800.0	923.0	
15 Ethyl ether	59	2.560	2.560	0.000	94	42745	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	2.577	2.577	0.000	95	50374	20.0	20.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.618	2.618	0.000	93	48557	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.667	2.667	0.000	90	78966	20.0	19.9	a
19 Acrolein	56	2.733	2.733	0.000	32	9129	40.0	46.4	M
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.749	2.749	0.000	92	54698	20.0	20.5	
21 1,1-Dichloroethene	96	2.782	2.782	0.000	98	53804	20.0	19.7	
22 Acetone	43	2.848	2.848	0.000	88	73899	100.0	60.2	
23 Iodomethane	142	2.930	2.930	0.000	96	89145	20.0	19.9	
24 Isopropyl alcohol	45	2.946	2.946	0.000	32	19649	200.0	184.8	
25 Carbon disulfide	76	2.971	2.971	0.000	98	210335	20.0	19.3	
26 3-Chloro-1-propene	41	3.061	3.061	0.000	94	90950	20.0	18.0	
27 Methyl acetate	43	3.078	3.078	0.000	97	88186	40.0	38.1	
28 Cyclopentene	67	3.086	3.086	0.000	93	144898	20.0	19.5	
29 Acetonitrile	41	3.143	3.143	0.000	94	54829	200.0	170.1	a
* 31 TBA-d9 (IS)	65	3.185	3.185	0.000	0	255658	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.193	3.193	0.000	92	63829	20.0	19.2	
32 2-Methyl-2-propanol	59	3.250	3.250	0.000	98	56904	200.0	198.1	a
33 Methyl tert-butyl ether	73	3.349	3.349	0.000	97	136874	20.0	20.1	
34 trans-1,2-Dichloroethene	96	3.365	3.365	0.000	95	54629	20.0	19.8	
35 Acrylonitrile	53	3.439	3.439	0.000	96	249492	200.0	196.8	
36 Hexane	43	3.513	3.513	0.000	90	45598	20.0	19.8	
37 Isopropyl ether	45	3.727	3.727	0.000	96	156302	20.0	19.6	
38 1,1-Dichloroethane	63	3.752	3.752	0.000	100	92676	20.0	19.9	
39 Vinyl acetate	86	3.768	3.768	0.000	99	22581	40.0	37.1	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	89	50421	20.0	20.5	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	144722	20.0	19.8	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	320850	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.245	0.000	67	16950	20.0	19.8	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	98	59157	20.0	19.7	
45 Ethyl acetate	70	4.277	4.277	0.000	95	14166	40.0	40.3	
46 2-Butanone (MEK)	72	4.277	4.277	0.000	97	40956	100.0	96.9	
47 Methyl acrylate	55	4.327	4.327	0.000	100	53129	20.0	19.5	
48 Propionitrile	54	4.409	4.409	0.000	99	84808	200.0	191.7	
50 Chlorobromomethane	128	4.475	4.475	0.000	91	27986	20.0	19.4	
49 Tetrahydrofuran	72	4.483	4.483	0.000	68	18541	40.0	40.2	
51 Methacrylonitrile	67	4.508	4.508	0.000	88	283826	200.0	200.4	
52 Chloroform	83	4.524	4.524	0.000	99	86412	20.0	19.9	
53 Cyclohexane	84	4.664	4.664	0.000	88	97359	20.0	20.3	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	97	118712	50.0	50.6	
54 1,1,1-Trichloroethane	97	4.680	4.680	0.000	70	75778	20.0	19.8	
56 Carbon tetrachloride	117	4.795	4.795	0.000	98	59688	20.0	19.4	
57 1,1-Dichloropropene	75	4.820	4.820	0.000	99	74323	20.0	19.9	
58 Isobutyl alcohol	43	4.935	4.935	0.000	96	39760	500.0	441.0	
59 Benzene	78	5.017	5.017	0.000	95	232213	20.0	20.3	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	141511	50.0	48.8	
61 Isopropyl acetate	43	5.066	5.066	0.000	96	148341	20.0	19.4	
62 Tert-amyl methyl ether	73	5.074	5.074	0.000	92	158618	20.0	20.3	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	96	66614	20.0	19.2	
64 n-Heptane	57	5.165	5.165	0.000	89	45908	20.0	20.7	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	528876	50.0	50.0	
66 n-Butanol	56	5.592	5.592	0.000	85	36862	500.0	495.2	
67 Trichloroethene	95	5.641	5.641	0.000	99	54531	20.0	19.7	
68 Ethyl acrylate	55	5.765	5.765	0.000	98	146575	20.0	20.3	
69 Methylcyclohexane	83	5.773	5.773	0.000	82	106437	20.0	20.2	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	57341	20.0	20.2	
* 71 1,4-Dioxane-d8	96	5.995	5.995	0.000	0	22903	1000.0	1000.0	
72 Methyl methacrylate	100	6.011	6.011	0.000	85	33419	40.0	38.6	
73 1,4-Dioxane	88	6.044	6.044	0.000	84	10289	400.0	407.8	
74 n-Propyl acetate	43	6.060	6.060	0.000	96	75848	20.0	19.0	
75 Dibromomethane	93	6.060	6.060	0.000	94	34030	20.0	19.6	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	66290	20.0	19.5	
77 2-Nitropropane	41	6.537	6.537	0.000	79	22943	40.0	34.3	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	80	30585	20.0	18.6	
79 Epichlorohydrin	57	6.644	6.644	0.000	99	123015	400.0	397.2	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	90	85918	20.0	19.1	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.866	0.000	95	288091	100.0	99.8	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	100	512332	50.0	50.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.022	7.022	0.000	94	237955	20.0	19.7	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	92	74117	20.0	19.5	
85 Ethyl methacrylate	69	7.408	7.408	0.000	85	76216	20.0	19.9	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	97	42931	20.0	20.7	
87 Tetrachloroethene	166	7.630	7.630	0.000	94	47824	20.0	20.3	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	91	83292	20.0	19.2	
89 2-Hexanone	43	7.860	7.860	0.000	93	181365	100.0	97.0	
90 n-Butyl acetate	43	7.975	7.975	0.000	98	82097	20.0	19.4	
91 Chlorodibromomethane	129	8.016	8.016	0.000	98	44277	20.0	19.1	
92 Ethylene Dibromide	107	8.172	8.172	0.000	99	46669	20.0	19.9	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	86	366461	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	95	148085	20.0	20.2	
95 Ethylbenzene	106	8.871	8.871	0.000	98	84213	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	94	48877	20.0	20.3	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	103306	20.0	20.4	
98 n-Butyl acrylate	73	9.479	9.479	0.000	98	46387	20.0	19.7	
99 o-Xylene	106	9.487	9.487	0.000	94	107691	20.0	20.7	
100 Styrene	104	9.512	9.512	0.000	97	169370	20.0	20.3	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	100615	20.0	19.3	
102 Bromoform	173	9.717	9.717	0.000	95	28827	20.0	19.5	
103 Isopropylbenzene	105	9.840	9.840	0.000	96	268196	20.0	20.2	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	87	134711	50.0	50.4	
105 Bromobenzene	156	10.136	10.136	0.000	97	58815	20.0	20.0	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	98	71934	20.0	19.5	
107 N-Propylbenzene	91	10.202	10.202	0.000	99	340171	20.0	19.9	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	98	21665	20.0	20.1	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	80	17391	20.0	19.0	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	222865	20.0	19.6	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	269913	20.0	19.9	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	93	231801	20.0	19.9	
113 4-Chlorotoluene	91	10.383	10.383	0.000	97	193770	20.0	19.3	
114 Butyl Methacrylate	87	10.440	10.440	0.000	86	82876	20.0	19.5	
115 tert-Butylbenzene	119	10.588	10.588	0.000	94	182775	20.0	19.9	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	241820	20.0	20.0	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	298670	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	92	120575	20.0	20.4	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	254920	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	95	195468	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	94	120283	20.0	19.9	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	98	251718	20.0	20.0	
123 Benzyl chloride	91	11.024	11.024	0.000	98	128149	20.0	19.3	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	244081	20.0	19.7	
125 p-Diethylbenzene	119	11.114	11.114	0.000	93	140128	20.0	20.5	
126 n-Butylbenzene	92	11.130	11.130	0.000	98	144040	20.0	20.5	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	95	124503	20.0	20.2	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	98	248138	20.0	19.9	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.664	0.000	98	15519	20.0	18.5	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	96288	20.0	20.2	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	93	92953	20.0	20.5	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	94	33710	20.0	20.4	
133 Naphthalene	128	12.314	12.314	0.000	99	272734	20.0	19.9	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	94	86103	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
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 136 Xylenes, Total	100				0		40.0	41.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD20

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

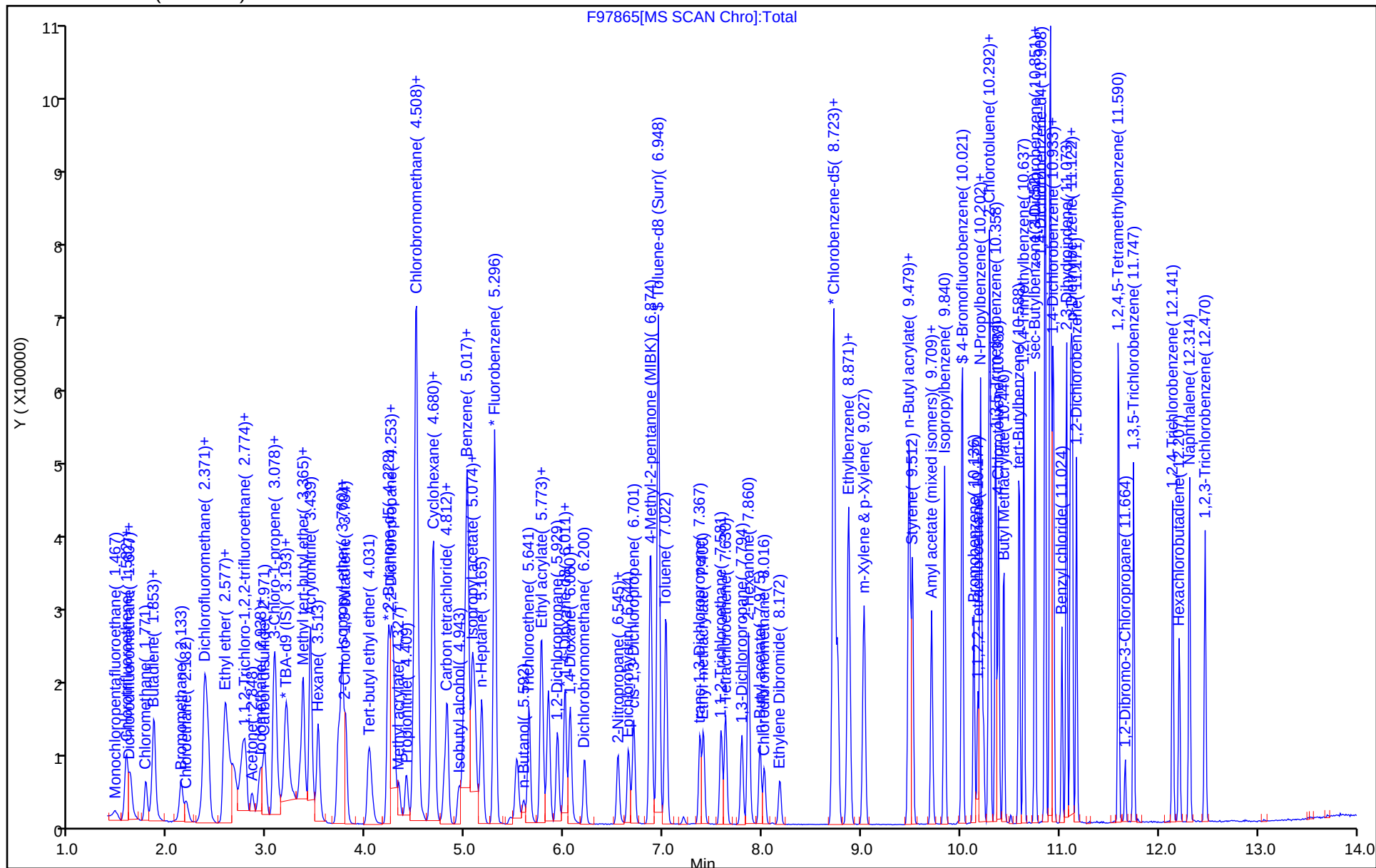
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

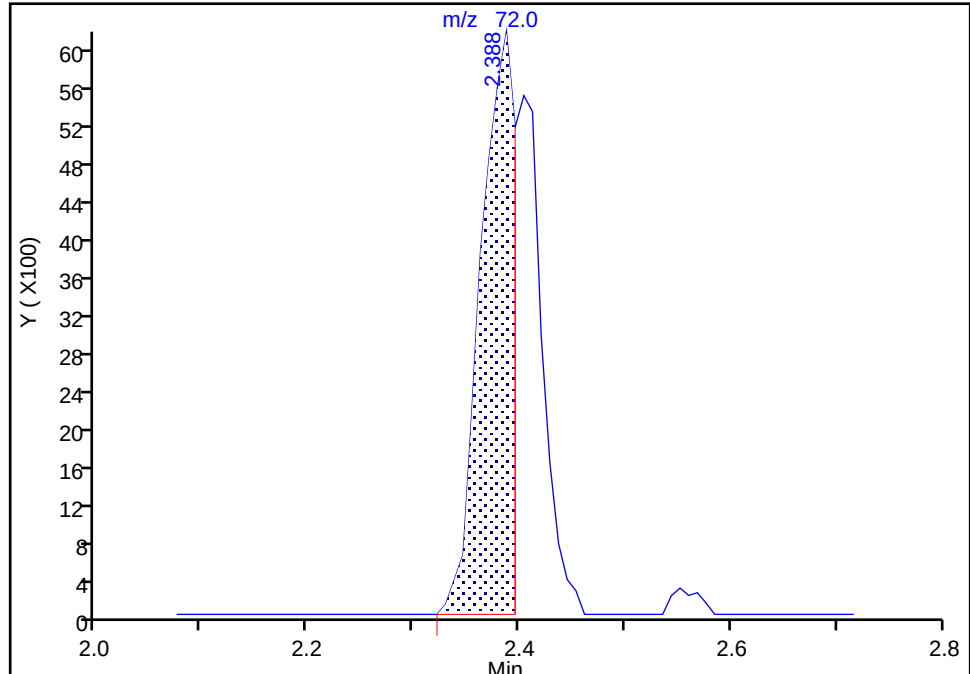
MS SCAN

13 Pentane, CAS: 109-66-0

Signal: 1

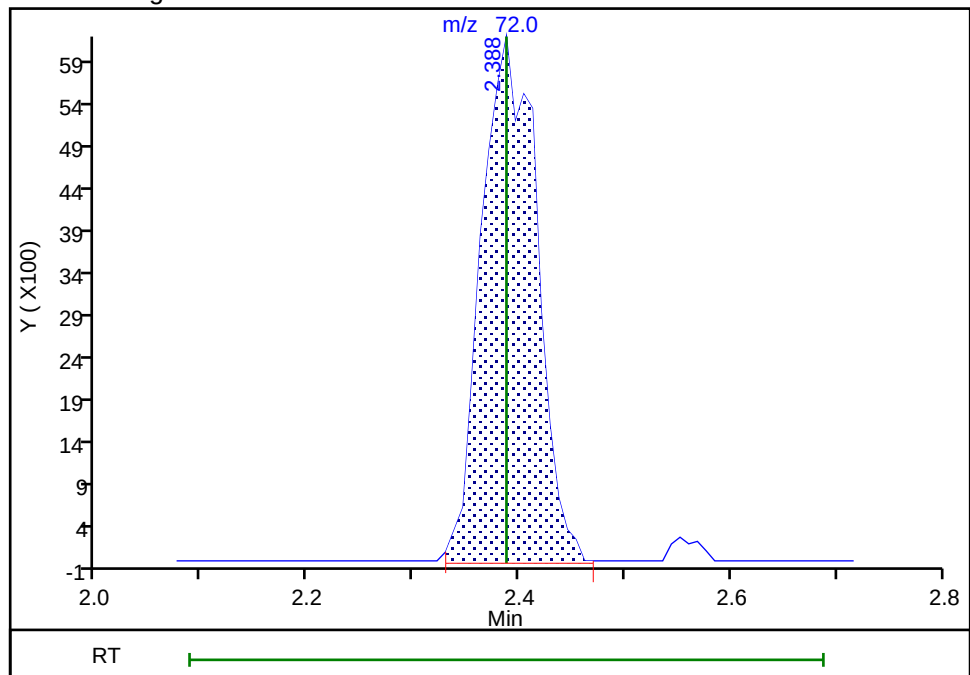
RT: 2.39
Area: 14189
Amount: 30.632179
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 22685
Amount: 41.683098
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 13:16:17

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

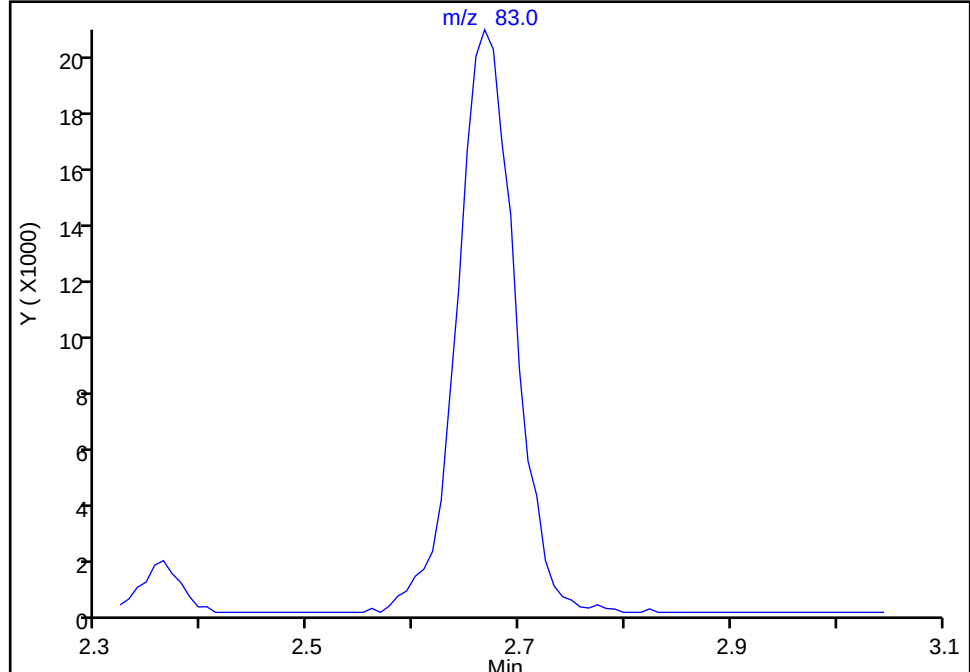
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

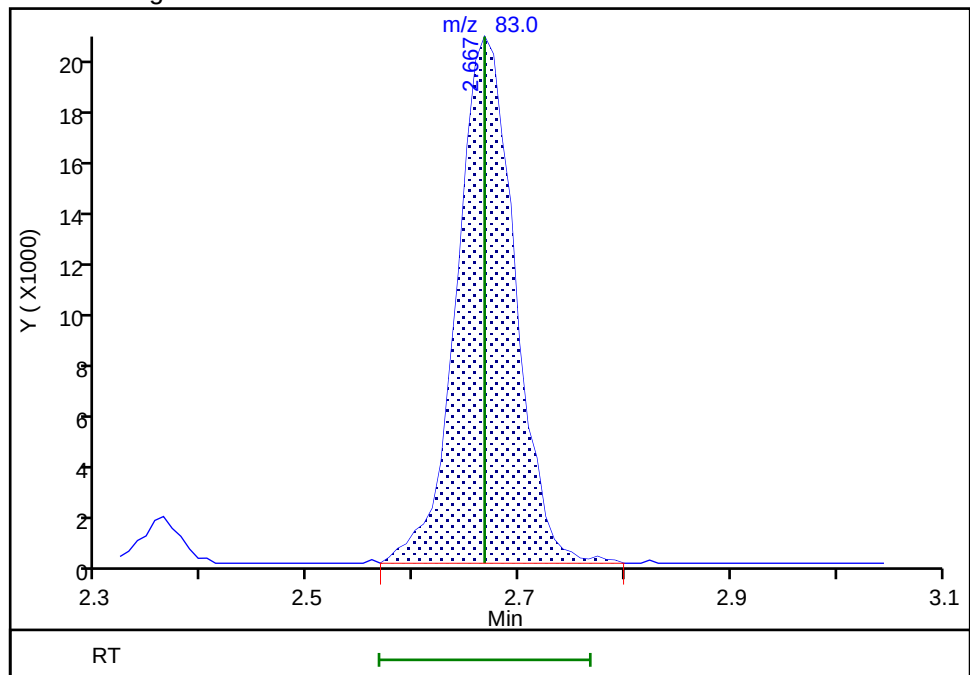
Not Detected

Expected RT: 2.67

Processing Integration Results



Manual Integration Results

RT: 2.67
Area: 78966
Amount: 19.894321
Amount Units: ug/l

Reviewer: kluseys, 01-Jul-2020 19:10:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

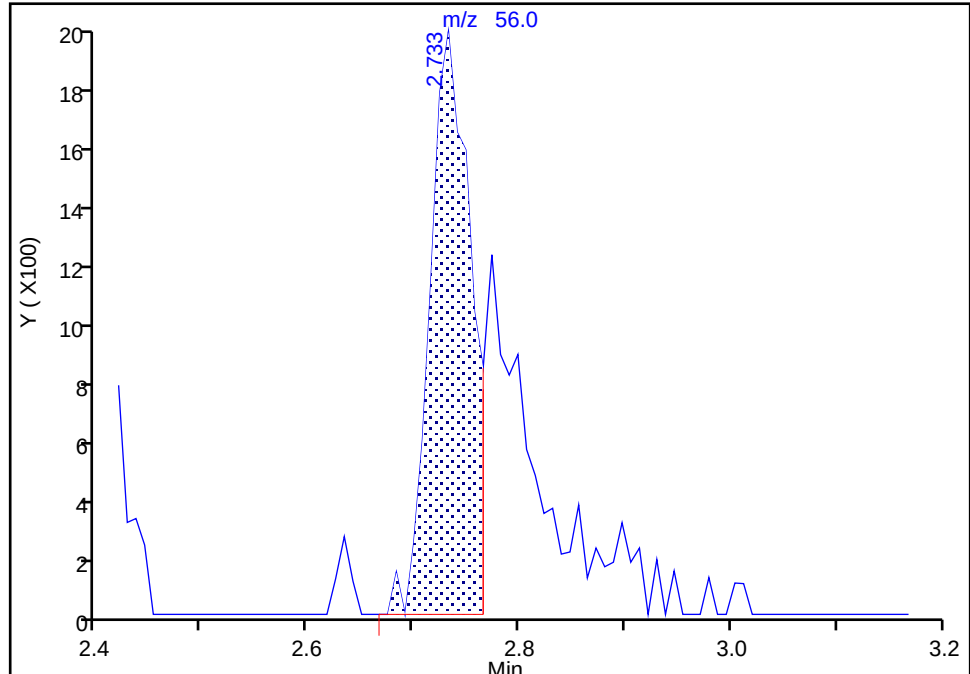
MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

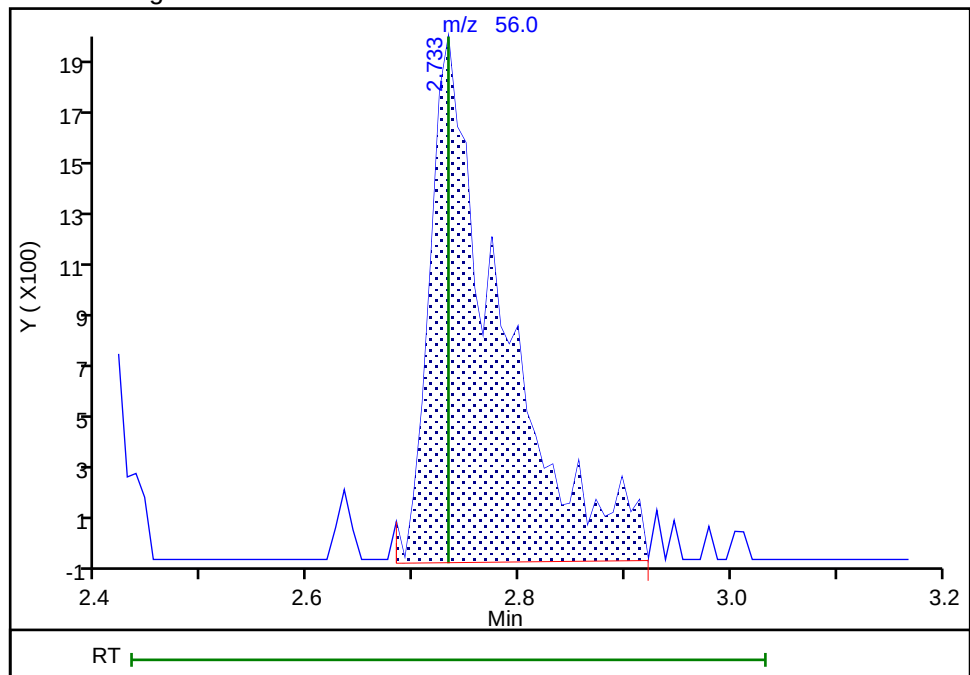
RT: 2.73
Area: 5276
Amount: 29.210072
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 9129
Amount: 46.416270
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 09:29:36

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

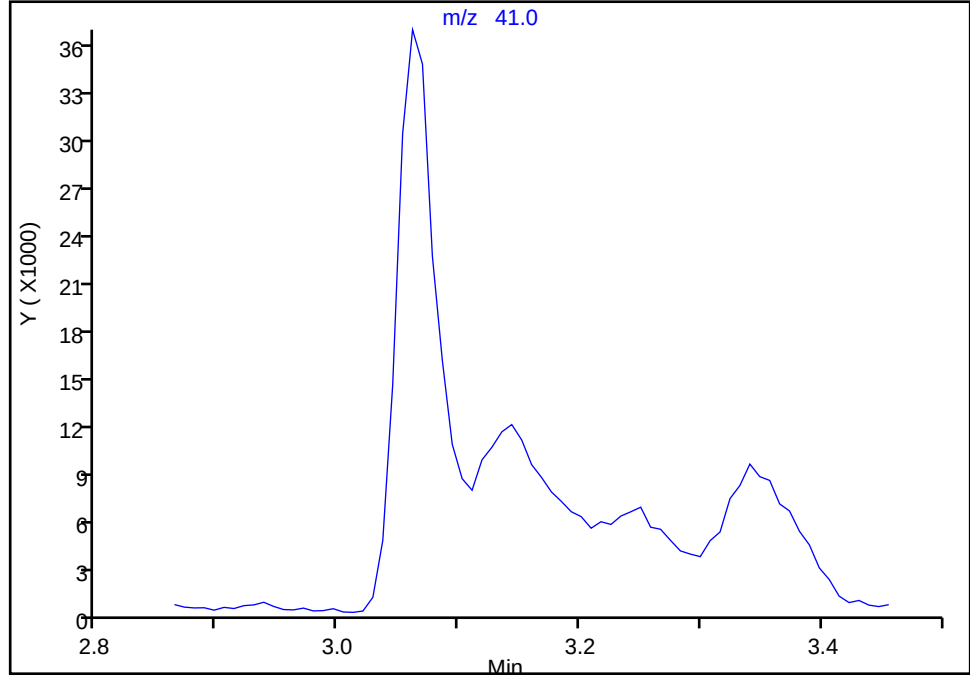
29 Acetonitrile, CAS: 75-05-8

Signal: 1

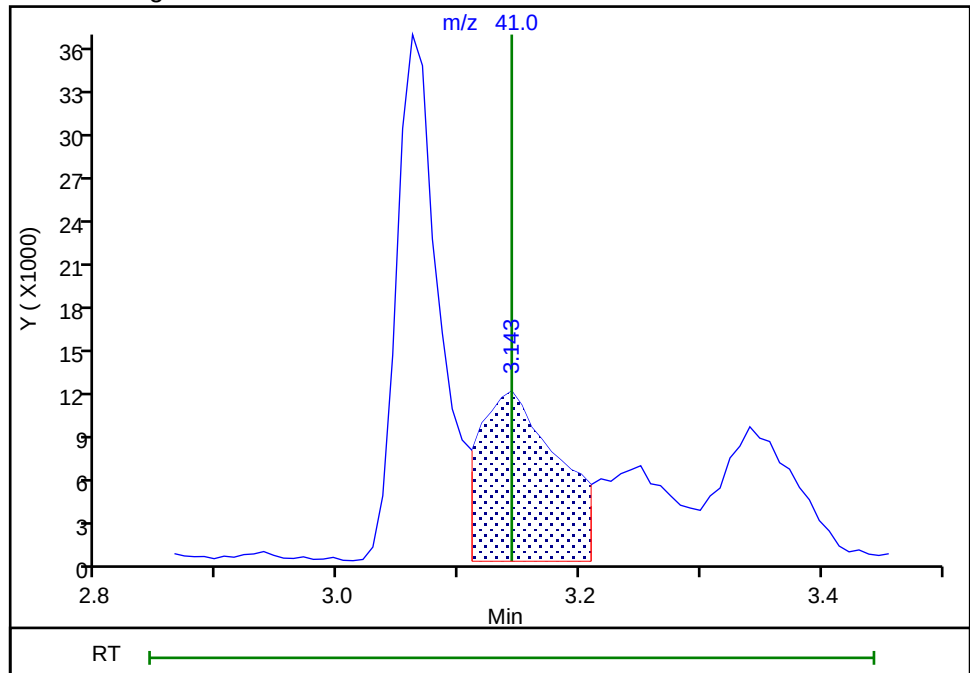
Not Detected

Expected RT: 3.14

Processing Integration Results



Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:10:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97865.D

Injection Date: 01-Jul-2020 17:31:30

Instrument ID: CVOAMS6

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

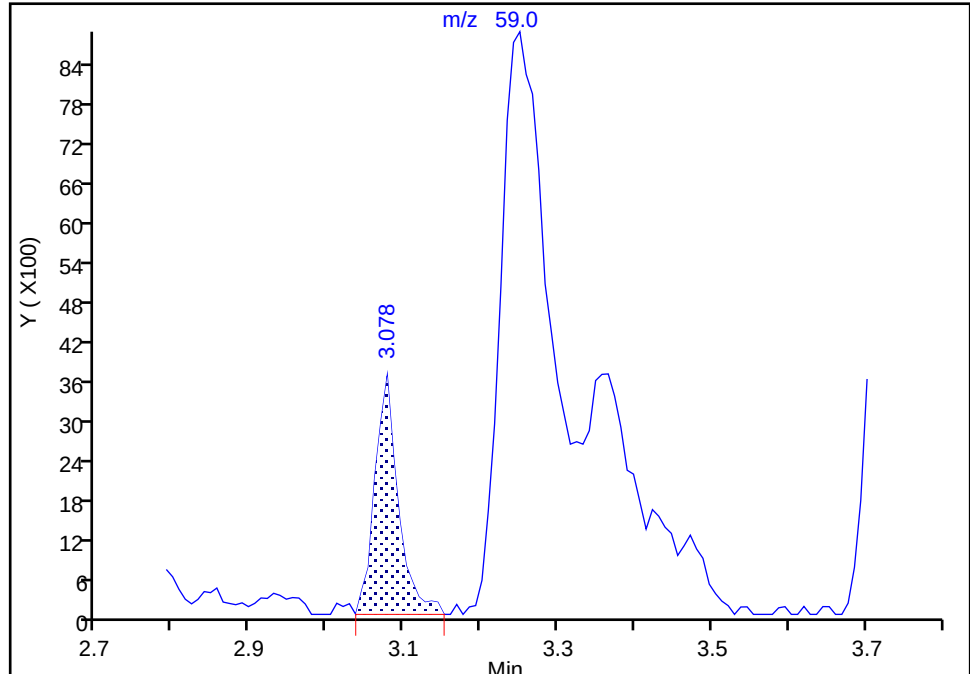
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

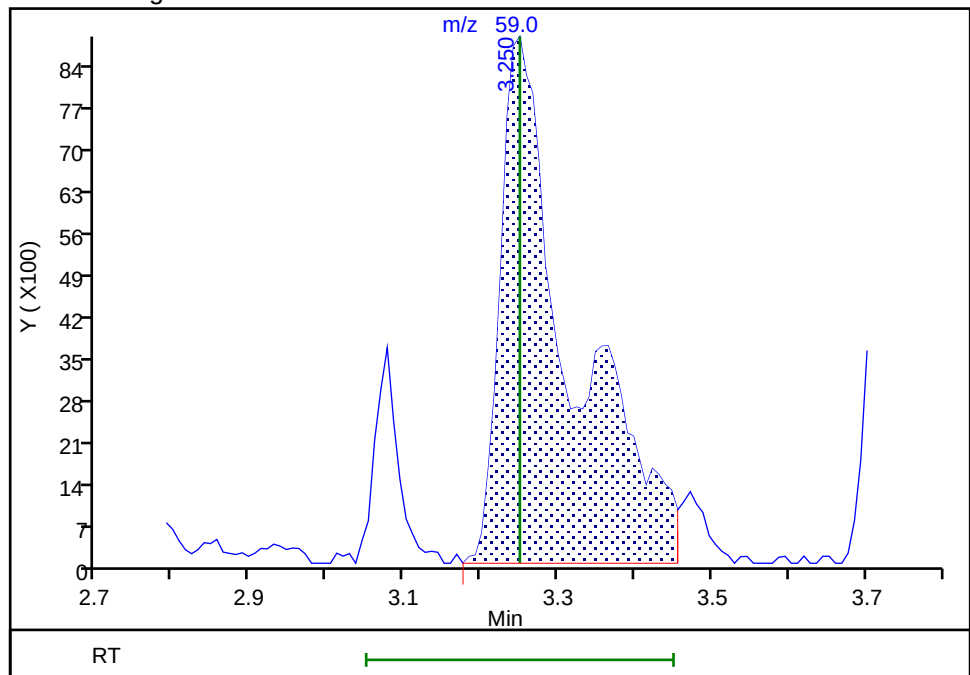
RT: 3.08
Area: 7685
Amount: 61.107878
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 56904
Amount: 198.1074
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 15:26:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97866.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 01-Jul-2020 17:55:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0112547-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:36:19 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 19:14:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.484	1.475	0.009	88	16091	50.0	51.6	
3 Chlorotrifluoroethene	116	1.574	1.574	0.000	87	60977	50.0	47.9	
2 1,1-Difluoroethane	51	1.582	1.582	0.000	97	154421	50.0	50.6	
4 Dichlorodifluoromethane	85	1.607	1.607	0.000	99	181213	50.0	46.9	
5 Chlorodifluoromethane	51	1.623	1.623	0.000	97	169971	50.0	44.7	
6 Chloromethane	50	1.779	1.771	0.008	99	180027	50.0	45.6	
7 Butadiene	54	1.862	1.853	0.009	93	169029	50.0	48.5	
8 Vinyl chloride	62	1.870	1.862	0.008	98	187739	50.0	47.8	
9 Bromomethane	94	2.133	2.133	0.000	99	110965	50.0	45.5	
10 Chloroethane	64	2.190	2.182	0.008	98	98787	50.0	46.1	
11 Dichlorofluoromethane	67	2.363	2.363	0.000	99	234009	50.0	43.9	
12 Trichlorofluoromethane	101	2.388	2.379	0.009	98	182278	50.0	45.0	
13 Pentane	72	2.396	2.388	0.008	96	53385	100.0	94.4	
14 Ethanol	46	2.552	2.560	-0.008	73	24376	2000.0	2095.2	
15 Ethyl ether	59	2.560	2.560	0.000	92	111429	50.0	49.1	
16 2-Methyl-1,3-butadiene	53	2.585	2.577	0.008	94	126023	50.0	48.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.618	2.618	0.000	87	122474	50.0	51.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.675	2.667	0.008	91	202358	50.0	48.9	a
19 Acrolein	56	2.733	2.733	0.000	33	19944	100.0	97.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.749	2.749	0.000	90	132215	50.0	47.6	
21 1,1-Dichloroethene	96	2.782	2.782	0.000	98	137189	50.0	48.2	
22 Acetone	43	2.848	2.848	0.000	89	200955	250.0	158.6	
23 Iodomethane	142	2.930	2.930	0.000	97	224826	50.0	48.2	
24 Isopropyl alcohol	45	2.946	2.946	0.000	30	54333	500.0	500.6	
25 Carbon disulfide	76	2.979	2.971	0.008	98	531038	50.0	46.7	
26 3-Chloro-1-propene	41	3.070	3.061	0.009	98	236251	50.0	44.9	
27 Methyl acetate	43	3.078	3.078	0.000	98	230179	100.0	95.5	
28 Cyclopentene	67	3.086	3.086	0.000	93	369448	50.0	47.8	
29 Acetonitrile	41	3.135	3.143	-0.008	95	161971	500.0	483.3	a
* 31 TBA-d9 (IS)	65	3.201	3.185	0.016	0	265757	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.201	3.193	0.008	90	160805	50.0	46.5	Ma
32 2-Methyl-2-propanol	59	3.258	3.250	0.008	96	145797	500.0	488.3	
33 Methyl tert-butyl ether	73	3.349	3.349	0.000	98	345287	50.0	48.6	
34 trans-1,2-Dichloroethene	96	3.365	3.365	0.000	95	141470	50.0	49.1	
35 Acrylonitrile	53	3.439	3.439	0.000	95	639096	500.0	484.0	
36 Hexane	43	3.513	3.513	0.000	90	110394	50.0	45.9	
37 Isopropyl ether	45	3.727	3.727	0.000	96	400943	50.0	48.2	
38 1,1-Dichloroethane	63	3.752	3.752	0.000	99	240076	50.0	49.6	
39 Vinyl acetate	86	3.768	3.768	0.000	99	58980	100.0	93.0	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	89	131701	50.0	51.4	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	370335	50.0	48.5	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	336072	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.245	0.000	89	43655	50.0	48.9	
44 cis-1,2-Dichloroethene	96	4.261	4.253	0.008	97	152416	50.0	48.7	
45 Ethyl acetate	70	4.277	4.277	0.000	96	36643	100.0	99.6	
46 2-Butanone (MEK)	72	4.277	4.277	0.000	96	104269	250.0	235.6	
47 Methyl acrylate	55	4.335	4.327	0.008	100	142075	50.0	49.2	
48 Propionitrile	54	4.409	4.409	0.000	99	222144	500.0	483.0	
50 Chlorobromomethane	128	4.475	4.475	0.000	89	71535	50.0	47.6	
49 Tetrahydrofuran	72	4.483	4.483	0.000	93	47280	100.0	97.9	
51 Methacrylonitrile	67	4.507	4.508	-0.001	89	721996	500.0	489.3	
52 Chloroform	83	4.532	4.524	0.008	99	221452	50.0	49.0	
53 Cyclohexane	84	4.664	4.664	0.000	87	237144	50.0	47.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	96	121513	50.0	49.8	
54 1,1,1-Trichloroethane	97	4.680	4.680	0.000	99	192944	50.0	48.4	
56 Carbon tetrachloride	117	4.795	4.795	0.000	98	152594	50.0	47.6	
57 1,1-Dichloropropene	75	4.820	4.820	0.000	99	187204	50.0	48.0	
58 Isobutyl alcohol	43	4.935	4.935	0.000	94	110308	1250.0	1176.9	
59 Benzene	78	5.017	5.017	0.000	97	592194	50.0	49.0	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.033	5.025	0.008	0	147407	50.0	48.8	
61 Isopropyl acetate	43	5.074	5.066	0.008	96	383303	50.0	48.1	
62 Tert-amyl methyl ether	73	5.083	5.074	0.009	91	395776	50.0	48.6	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	95	174207	50.0	48.2	
64 n-Heptane	57	5.165	5.165	0.000	88	113568	50.0	49.1	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	550901	50.0	50.0	
66 n-Butanol	56	5.592	5.592	0.000	84	95469	1250.0	1233.9	
67 Trichloroethene	95	5.641	5.641	0.000	99	138295	50.0	48.0	
68 Ethyl acrylate	55	5.765	5.765	0.000	97	374559	50.0	49.7	
69 Methylcyclohexane	83	5.773	5.773	0.000	80	266294	50.0	48.4	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	144893	50.0	48.9	
* 71 1,4-Dioxane-d8	96	5.995	5.995	0.000	0	23549	1000.0	1000.0	
72 Methyl methacrylate	100	6.011	6.011	0.000	84	88095	100.0	97.8	
73 1,4-Dioxane	88	6.052	6.044	0.008	82	27282	1000.0	1051.7	
74 n-Propyl acetate	43	6.060	6.060	0.000	96	199442	50.0	47.9	
75 Dibromomethane	93	6.060	6.060	0.000	94	85314	50.0	47.2	
76 Dichlorobromomethane	83	6.208	6.200	0.008	99	171814	50.0	48.5	
77 2-Nitropropane	41	6.545	6.537	0.008	79	60373	100.0	86.6	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	77	82791	50.1	48.3	
79 Epichlorohydrin	57	6.652	6.644	0.008	98	318795	1000.0	982.6	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	89	230930	50.0	48.7	
81 4-Methyl-2-pentanone (MIBK)	43	6.874	6.866	0.008	94	756782	250.0	250.2	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	539739	50.0	50.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.030	7.022	0.008	93	623367	50.0	48.9	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	92	200489	50.0	49.8	
85 Ethyl methacrylate	69	7.408	7.408	0.000	86	203623	50.0	50.3	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	96	106673	50.0	48.6	
87 Tetrachloroethene	166	7.630	7.630	0.000	94	123921	50.0	49.8	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	91	222602	50.0	48.5	
89 2-Hexanone	43	7.860	7.860	0.000	93	479248	250.0	244.8	
90 n-Butyl acetate	43	7.975	7.975	0.000	98	217165	50.0	48.5	
91 Chlorodibromomethane	129	8.024	8.016	0.008	98	121126	50.0	49.4	
92 Ethylene Dibromide	107	8.172	8.172	0.000	99	123945	50.0	49.9	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	85	387527	50.0	50.0	
94 Chlorobenzene	112	8.764	8.756	0.008	95	383622	50.0	49.4	
95 Ethylbenzene	106	8.871	8.871	0.000	98	216913	50.0	48.3	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	94	127902	50.0	50.2	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	268024	50.0	50.0	
98 n-Butyl acrylate	73	9.479	9.479	0.000	98	126349	50.0	50.8	
99 o-Xylene	106	9.487	9.487	0.000	94	277451	50.0	50.4	
100 Styrene	104	9.512	9.512	0.000	96	440698	50.0	49.8	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	93	265087	50.0	50.4	
102 Bromoform	173	9.717	9.717	0.000	95	75954	50.0	48.6	
103 Isopropylbenzene	105	9.840	9.840	0.000	96	690200	50.0	49.2	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	87	138362	50.0	49.0	
105 Bromobenzene	156	10.136	10.136	0.000	96	147852	50.0	49.8	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	184537	50.0	49.6	
107 N-Propylbenzene	91	10.202	10.202	0.000	99	865742	50.0	50.2	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	99	53431	50.0	49.0	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	83	45384	50.0	49.1	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	581160	50.0	50.6	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	700773	50.0	51.2	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	93	596275	50.0	50.7	
113 4-Chlorotoluene	91	10.383	10.383	0.000	97	499814	50.0	49.2	
114 Butyl Methacrylate	87	10.440	10.440	0.000	86	222041	50.0	51.7	
115 tert-Butylbenzene	119	10.588	10.588	0.000	94	488353	50.0	52.7	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	619815	50.0	50.6	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	787799	50.0	52.0	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	94	298479	50.0	50.0	
118 4-Isopropyltoluene	119	10.851	10.859	-0.008	98	655205	50.0	52.1	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	95	197602	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	94	301523	50.0	49.3	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	644182	50.0	50.6	
123 Benzyl chloride	91	11.023	11.024	-0.001	98	342588	50.0	51.0	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	636896	50.0	50.9	
125 p-Diethylbenzene	119	11.114	11.114	0.000	93	354384	50.0	51.2	
126 n-Butylbenzene	92	11.130	11.130	0.000	97	363391	50.0	51.2	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	95	313260	50.0	50.2	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	97	659817	50.0	52.3	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.664	0.000	96	41123	50.0	48.6	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	237891	50.0	49.5	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	94	230939	50.0	50.5	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	94	85295	50.0	51.1	
133 Naphthalene	128	12.314	12.314	0.000	99	699972	50.0	50.4	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	218740	50.0	51.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		100.0	97.8	
S 136 Xylenes, Total	100				0		100.0	100.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 10.00	Units: uL	
524freon_00024	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97866.D

Injection Date: 01-Jul-2020 17:55:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD50

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

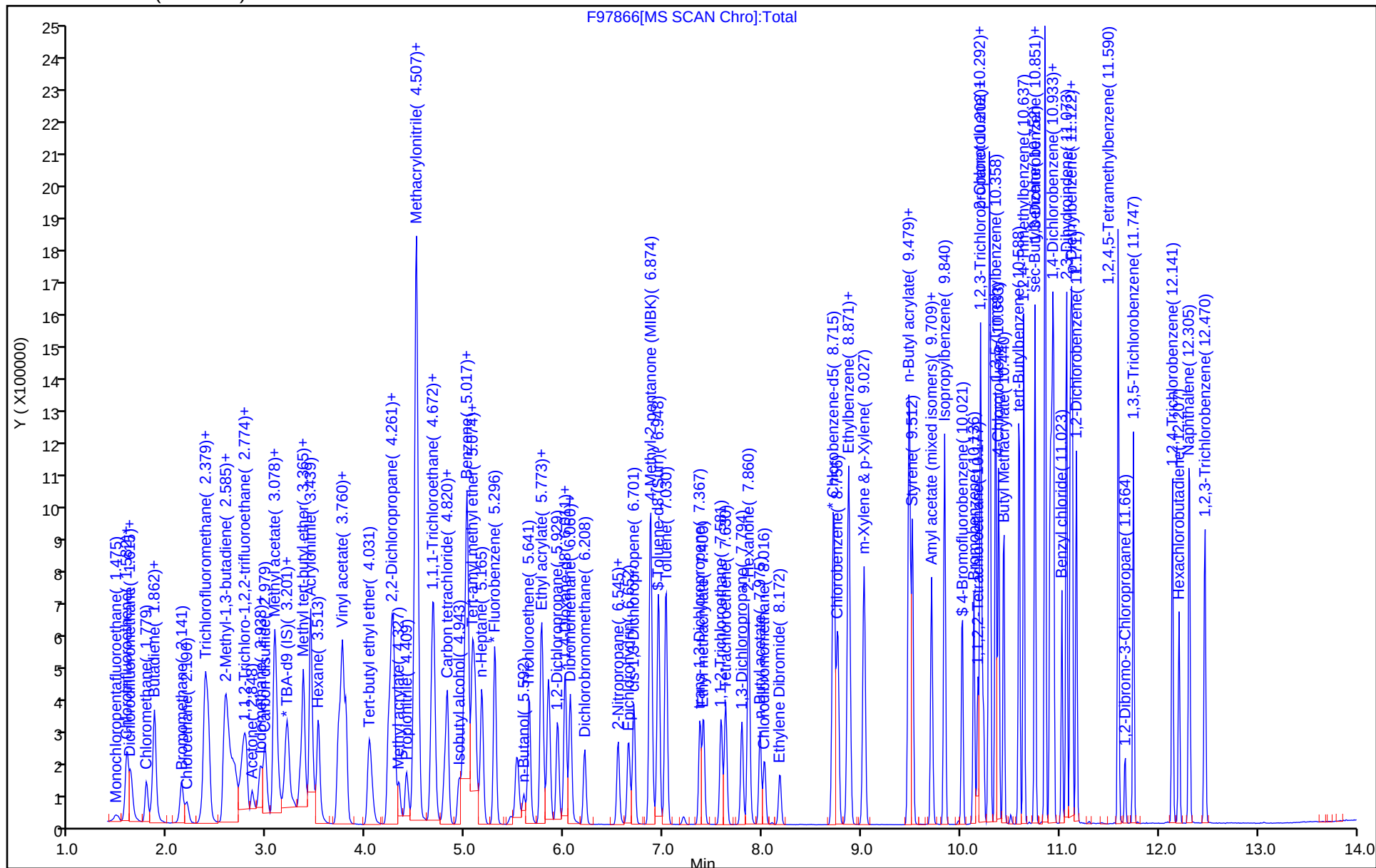
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97866.D

Injection Date: 01-Jul-2020 17:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

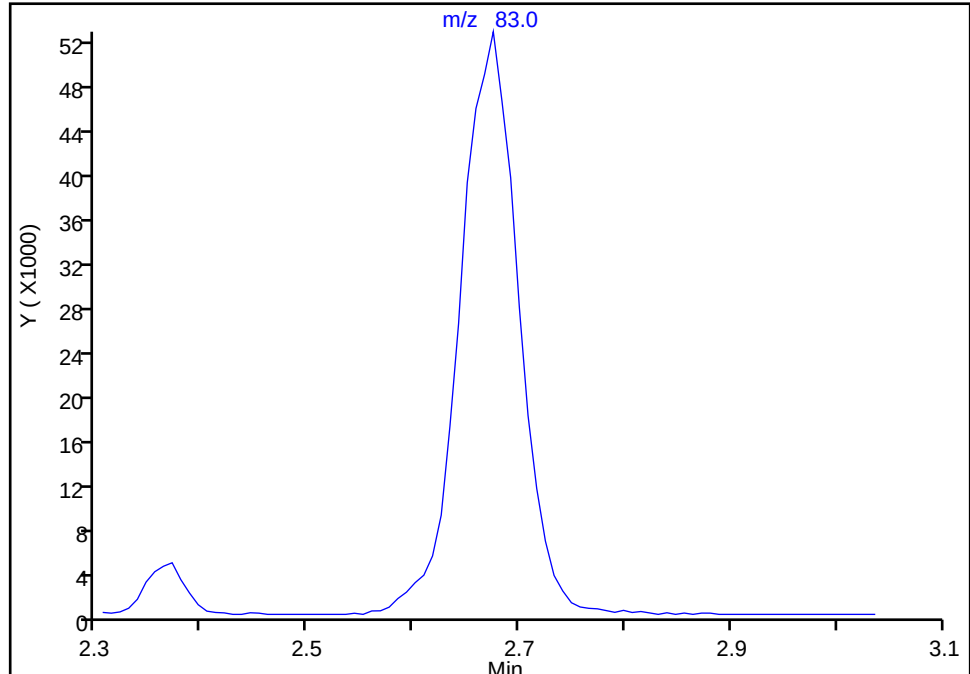
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

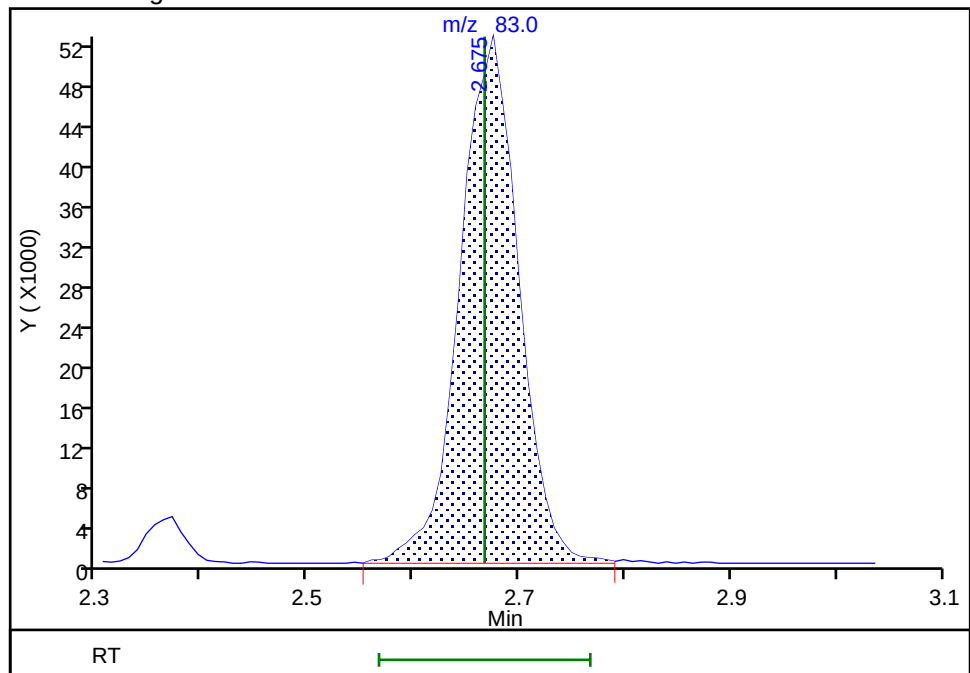
Expected RT: 2.67

Processing Integration Results



RT: 2.68
Area: 202358
Amount: 48.942895
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:14:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97866.D

Injection Date: 01-Jul-2020 17:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

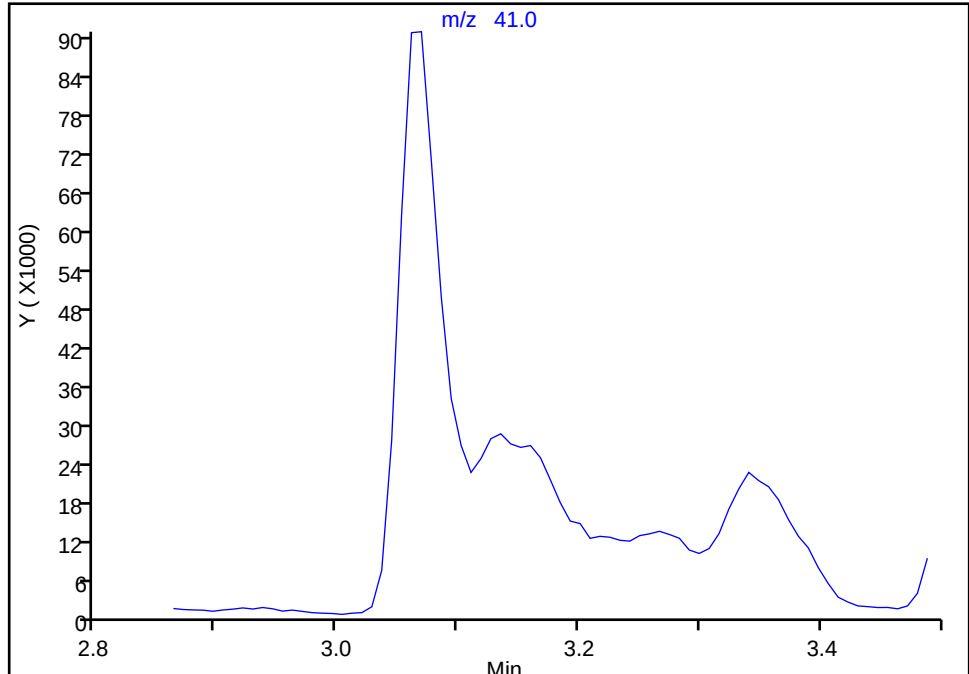
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.14

Processing Integration Results



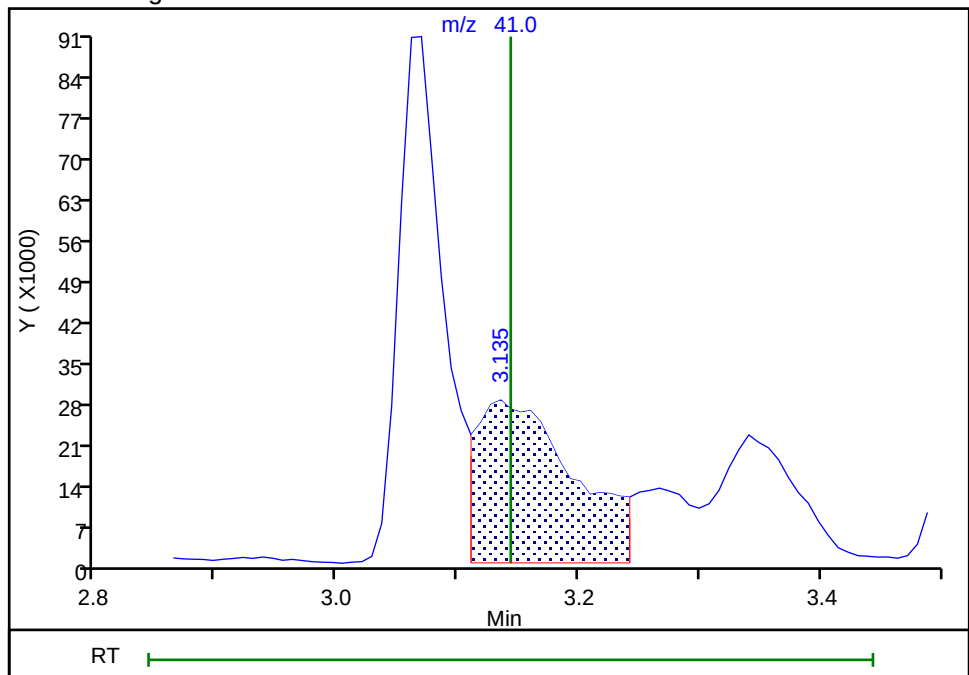
RT: 3.14

Area: 161971

Amount: 483.3491

Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:14:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97866.D

Injection Date: 01-Jul-2020 17:55:30

Instrument ID: CVOAMS6

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

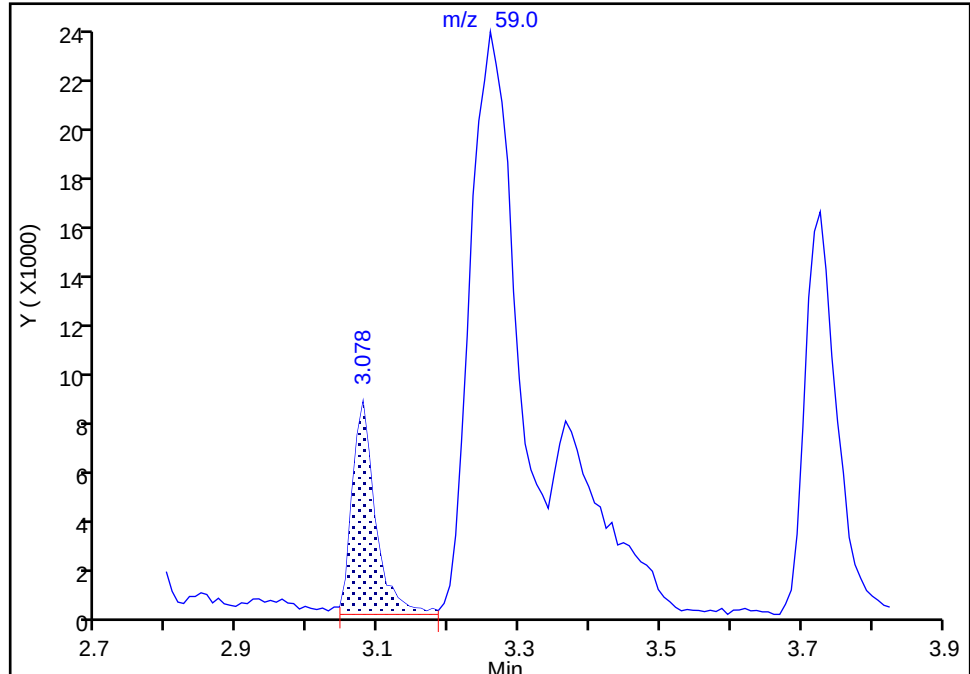
MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

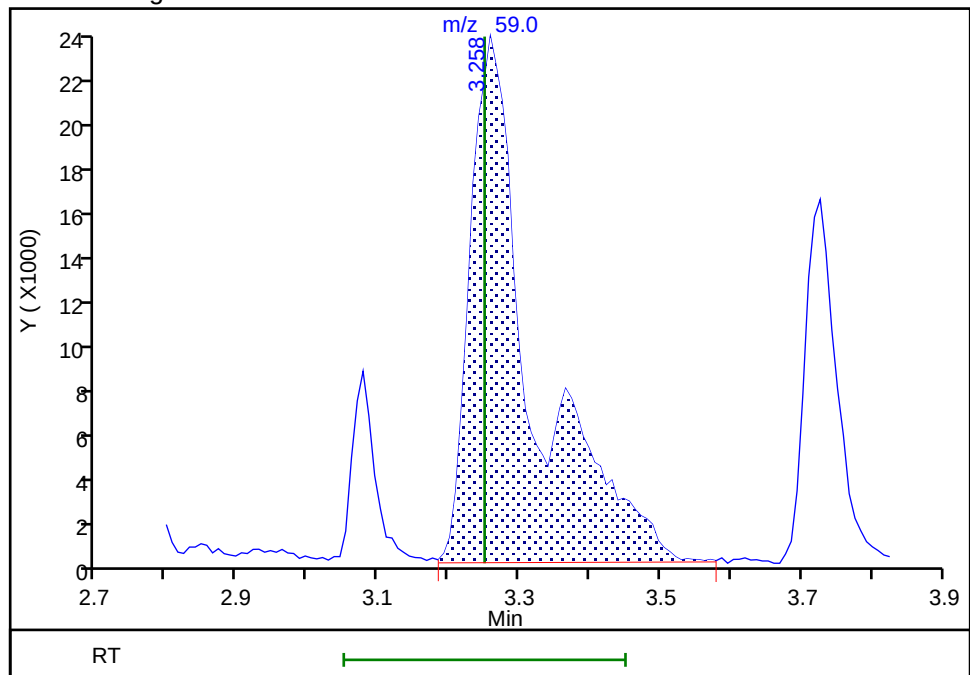
RT: 3.08
Area: 19738
Amount: 113.8522
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 145797
Amount: 488.2937
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 15:47:20

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 01-Jul-2020 18:20:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0112547-009
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:36:37 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 19:14:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.467	1.475	-0.008	87	59239	200.0	207.3	
3 Chlorotrifluoroethene	116	1.574	1.574	0.000	86	238966	200.0	204.6	
2 1,1-Difluoroethane	51	1.574	1.582	-0.008	94	596097	200.0	213.3	
4 Dichlorodifluoromethane	85	1.599	1.607	-0.008	99	726858	200.0	205.1	
5 Chlorodifluoromethane	51	1.624	1.623	0.001	97	691414	200.0	198.5	
6 Chloromethane	50	1.771	1.771	0.000	99	695334	200.0	192.3	
7 Butadiene	54	1.854	1.853	0.001	93	661045	200.0	207.0	
8 Vinyl chloride	62	1.862	1.862	0.000	98	748645	200.0	208.2	
9 Bromomethane	94	2.133	2.133	0.000	99	428505	200.0	191.8	
10 Chloroethane	64	2.182	2.182	0.000	99	392739	200.0	200.2	
11 Dichlorofluoromethane	67	2.363	2.363	0.000	99	977815	200.0	200.0	
12 Trichlorofluoromethane	101	2.379	2.379	0.000	98	786852	200.0	212.1	
13 Pentane	72	2.396	2.388	0.008	96	218968	400.0	371.7	
14 Ethanol	46	2.568	2.560	0.008	89	98533	8000.0	8133.8	
15 Ethyl ether	59	2.552	2.560	-0.008	95	423294	200.0	203.5	
16 2-Methyl-1,3-butadiene	53	2.577	2.577	0.000	93	481142	200.0	200.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.618	2.618	0.000	88	467954	200.0	213.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.667	2.667	0.000	90	770016	200.0	203.2	a
19 Acrolein	56	2.725	2.733	-0.008	28	44318	200.0	208.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.749	-0.008	94	514995	200.0	202.3	
21 1,1-Dichloroethene	96	2.782	2.782	0.000	98	537120	200.0	206.0	
22 Acetone	43	2.848	2.848	0.000	89	1120867	1000.0	1054.8	
23 Iodomethane	142	2.922	2.930	-0.008	96	884359	200.0	206.8	
24 Isopropyl alcohol	45	2.930	2.946	-0.016	30	276525	2000.0	2249.6	M
25 Carbon disulfide	76	2.971	2.971	0.000	98	2109078	200.0	202.4	
26 3-Chloro-1-propene	41	3.061	3.061	0.000	98	930412	200.0	192.9	
27 Methyl acetate	43	3.070	3.078	-0.008	97	876349	400.0	396.8	
28 Cyclopentene	67	3.086	3.086	0.000	91	1390326	200.0	196.3	
29 Acetonitrile	41	3.127	3.143	-0.016	92	841870	2000.0	2412.8	a
* 31 TBA-d9 (IS)	65	3.209	3.185	0.024	0	276713	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.201	3.193	0.008	90	638274	200.0	201.4	
32 2-Methyl-2-propanol	59	3.275	3.250	0.025	99	620376	2000.0	1995.5	a
33 Methyl tert-butyl ether	73	3.341	3.349	-0.008	96	1315654	200.0	202.0	
34 trans-1,2-Dichloroethene	96	3.366	3.365	0.001	94	534605	200.0	202.5	
35 Acrylonitrile	53	3.431	3.439	-0.008	96	2512492	2000.0	2076.0	
36 Hexane	43	3.513	3.513	0.000	89	403294	200.0	183.1	
37 Isopropyl ether	45	3.719	3.727	-0.008	96	1510778	200.0	198.3	
38 1,1-Dichloroethane	63	3.752	3.752	0.000	100	919147	200.0	207.1	
39 Vinyl acetate	86	3.760	3.768	-0.008	99	214027	400.0	368.3	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	89	483188	200.0	205.8	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	1388512	200.0	198.5	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	323546	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.245	0.000	90	166854	200.0	203.9	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	99	582857	200.0	203.1	
45 Ethyl acetate	70	4.278	4.277	0.001	96	144406	400.0	407.5	
46 2-Butanone (MEK)	72	4.278	4.277	0.001	98	447049	1000.0	1049.2	
47 Methyl acrylate	55	4.327	4.327	0.000	100	526079	200.0	187.5	
48 Propionitrile	54	4.401	4.409	-0.008	99	995546	2000.0	2079.1	
50 Chlorobromomethane	128	4.475	4.475	0.000	94	273284	200.0	198.4	
49 Tetrahydrofuran	72	4.475	4.483	-0.008	87	177065	400.0	380.7	
51 Methacrylonitrile	67	4.508	4.508	0.000	88	2775923	2000.0	2052.7	
52 Chloroform	83	4.524	4.524	0.000	99	829434	200.0	200.2	
53 Cyclohexane	84	4.664	4.664	0.000	88	935465	200.0	203.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	43	110632	50.0	49.4	
54 1,1,1-Trichloroethane	97	4.680	4.680	0.000	98	758896	200.0	207.5	
56 Carbon tetrachloride	117	4.795	4.795	0.000	98	630148	200.0	214.3	
57 1,1-Dichloropropene	75	4.820	4.820	0.000	99	718569	200.0	201.0	
58 Isobutyl alcohol	43	4.935	4.935	0.000	95	580517	5000.0	5948.6	
59 Benzene	78	5.017	5.017	0.000	95	2301573	200.0	195.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	139838	50.0	50.5	
61 Isopropyl acetate	43	5.066	5.066	0.000	96	1449363	200.0	198.6	
62 Tert-amyl methyl ether	73	5.075	5.074	0.001	90	1521645	200.0	203.8	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	96	655538	200.0	197.9	
64 n-Heptane	57	5.165	5.165	0.000	89	410078	200.0	193.4	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	504914	50.0	50.0	
66 n-Butanol	56	5.592	5.592	0.000	83	442564	5000.0	5493.5	
67 Trichloroethene	95	5.642	5.641	0.001	100	544462	200.0	206.2	
68 Ethyl acrylate	55	5.765	5.765	0.000	97	1512855	200.0	219.0	
69 Methylcyclohexane	83	5.773	5.773	0.000	81	1054783	200.0	209.3	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	562715	200.0	207.4	
* 71 1,4-Dioxane-d8	96	5.995	5.995	0.000	0	25514	1000.0	1000.0	
72 Methyl methacrylate	100	6.011	6.011	0.000	84	355605	400.0	430.6	
73 1,4-Dioxane	88	6.044	6.044	0.000	83	109641	4000.0	3901.1	
74 n-Propyl acetate	43	6.061	6.060	0.001	97	797241	200.0	208.7	
75 Dibromomethane	93	6.052	6.060	-0.008	95	334129	200.0	201.6	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	689060	200.0	212.0	
77 2-Nitropropane	41	6.537	6.537	0.000	80	262358	400.0	410.6	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	76	343095	200.5	218.5	
79 Epichlorohydrin	57	6.652	6.644	0.008	99	1386190	4000.0	4438.2	
80 cis-1,3-Dichloropropene	75	6.702	6.701	0.001	89	937480	200.0	203.1	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.866	0.000	94	3091108	1000.0	1061.4	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	507591	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.022	7.022	0.000	93	2493107	200.0	201.1	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	91	842569	200.0	215.3	
85 Ethyl methacrylate	69	7.400	7.408	-0.008	87	846084	200.0	214.8	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	97	437043	200.0	204.7	
87 Tetrachloroethene	166	7.630	7.630	0.000	95	487247	200.0	201.2	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	91	908165	200.0	203.3	
89 2-Hexanone	43	7.860	7.860	0.000	93	2136074	1000.0	1133.1	
90 n-Butyl acetate	43	7.975	7.975	0.000	98	891642	200.0	204.6	
91 Chlorodibromomethane	129	8.016	8.016	0.000	98	506316	200.0	212.4	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	505287	200.0	209.2	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	86	376882	50.0	50.0	
94 Chlorobenzene	112	8.764	8.756	0.008	94	1556111	200.0	205.9	
95 Ethylbenzene	106	8.871	8.871	0.000	98	867734	200.0	198.8	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	95	520551	200.0	210.3	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	1084744	200.0	207.9	
98 n-Butyl acrylate	73	9.471	9.479	-0.008	98	511450	200.0	211.5	
99 o-Xylene	106	9.487	9.487	0.000	94	1104790	200.0	206.2	
100 Styrene	104	9.512	9.512	0.000	96	1788100	200.0	208.0	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	1084830	200.0	216.6	
102 Bromoform	173	9.717	9.717	0.000	96	317554	200.0	208.9	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	2914681	200.0	213.6	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	85	133828	50.0	48.7	
105 Bromobenzene	156	10.136	10.136	0.000	95	588234	200.0	208.0	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	742656	200.0	209.5	
107 N-Propylbenzene	91	10.202	10.202	0.000	99	3571020	200.0	217.2	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	99	206682	200.0	198.9	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	86	182869	200.0	207.6	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	2337577	200.0	213.5	
111 4-Ethyltoluene	105	10.301	10.300	0.001	98	2744319	200.0	210.5	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	92	2491881	200.0	222.3	
113 4-Chlorotoluene	91	10.383	10.383	0.000	97	2022944	200.0	209.2	
114 Butyl Methacrylate	87	10.440	10.440	0.000	86	919269	200.0	224.7	
115 tert-Butylbenzene	119	10.596	10.588	0.008	95	1986700	200.0	224.9	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	2555100	200.0	219.0	
117 sec-Butylbenzene	105	10.753	10.752	0.000	99	3246849	200.0	224.8	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	92	1143087	200.0	201.0	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	2704485	200.0	226.0	
* 120 1,4-Dichlorobenzene-d4	152	10.909	10.908	0.001	95	188231	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	94	1168819	200.0	200.8	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	98	2634642	200.0	217.2	
123 Benzyl chloride	91	11.024	11.024	0.000	99	1441814	200.0	225.4	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	2508604	200.0	210.4	
125 p-Diethylbenzene	119	11.114	11.114	0.000	93	1388626	200.0	210.6	
126 n-Butylbenzene	92	11.130	11.130	0.000	97	1450089	200.0	214.3	
127 1,2-Dichlorobenzene	146	11.172	11.171	0.001	95	1210042	200.0	203.4	
128 1,2,4,5-Tetramethylbenzene	119	11.591	11.590	0.001	97	2657235	200.0	221.2	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.664	-0.008	97	166903	200.0	206.9	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	917102	200.0	200.2	
131 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	94	879068	200.0	201.6	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	94	334097	200.0	210.1	
133 Naphthalene	128	12.306	12.314	-0.008	99	2828307	200.0	213.8	
134 1,2,3-Trichlorobenzene	180	12.462	12.470	-0.008	95	841895	200.0	206.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		400.0	405.6	
S 136 Xylenes, Total	100				0		400.0	414.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonHi_00020	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 20.00	Units: uL	
GAS Hi_00364	Amount Added: 20.00	Units: uL	
MIX I Hi_00127	Amount Added: 20.00	Units: uL	
Ethanol mix_00041	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D

Injection Date: 01-Jul-2020 18:20:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

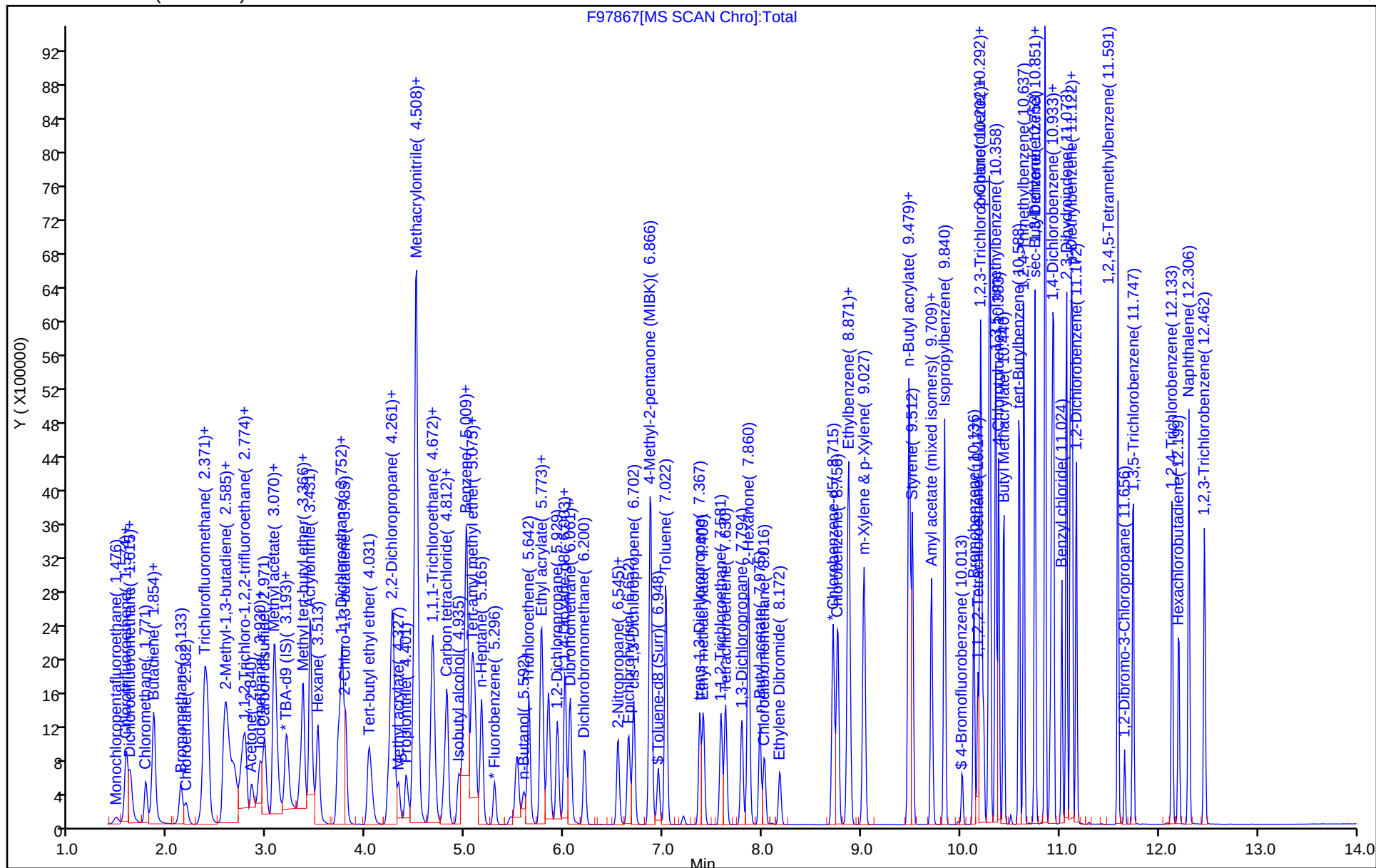
ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

F97867[MS SCAN Chro]:Total



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D

Injection Date: 01-Jul-2020 18:20:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

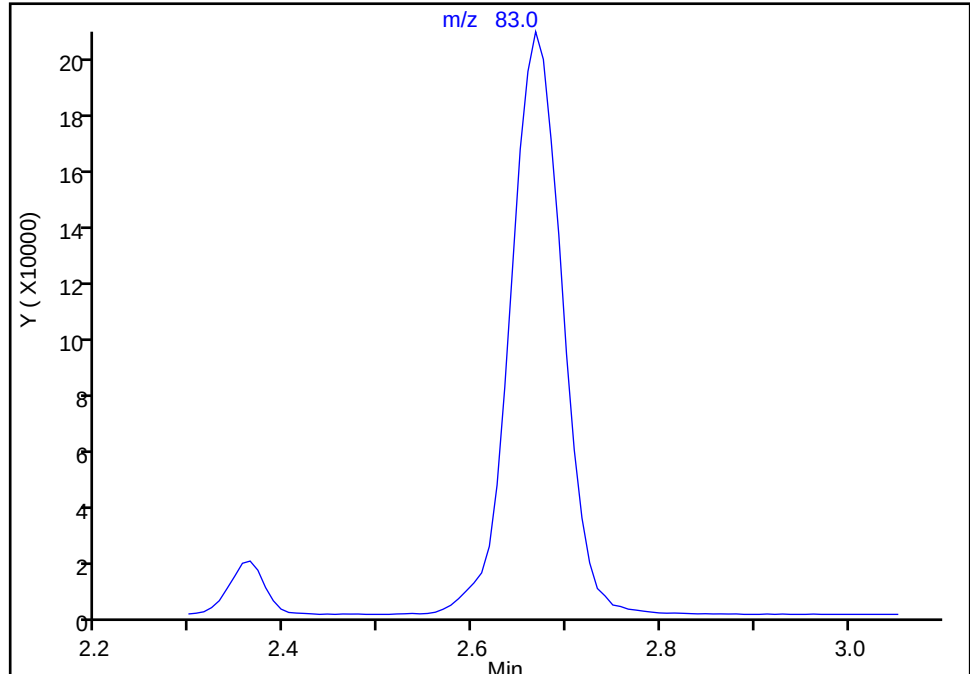
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.67

Processing Integration Results



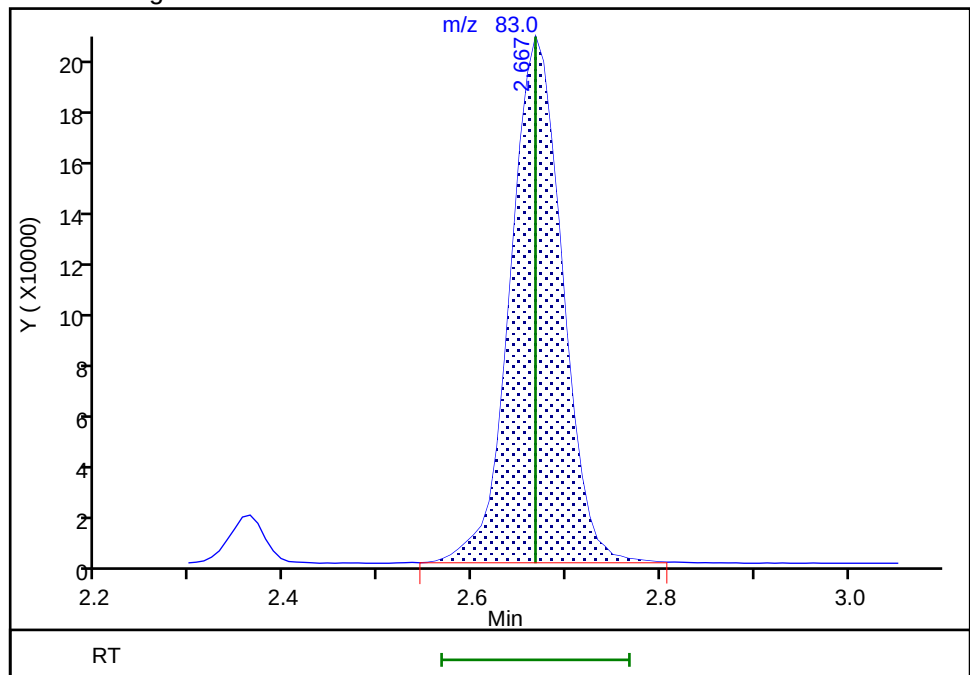
RT: 2.67

Area: 770016

Amount: 203.2007

Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:13:48

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D

Injection Date: 01-Jul-2020 18:20:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

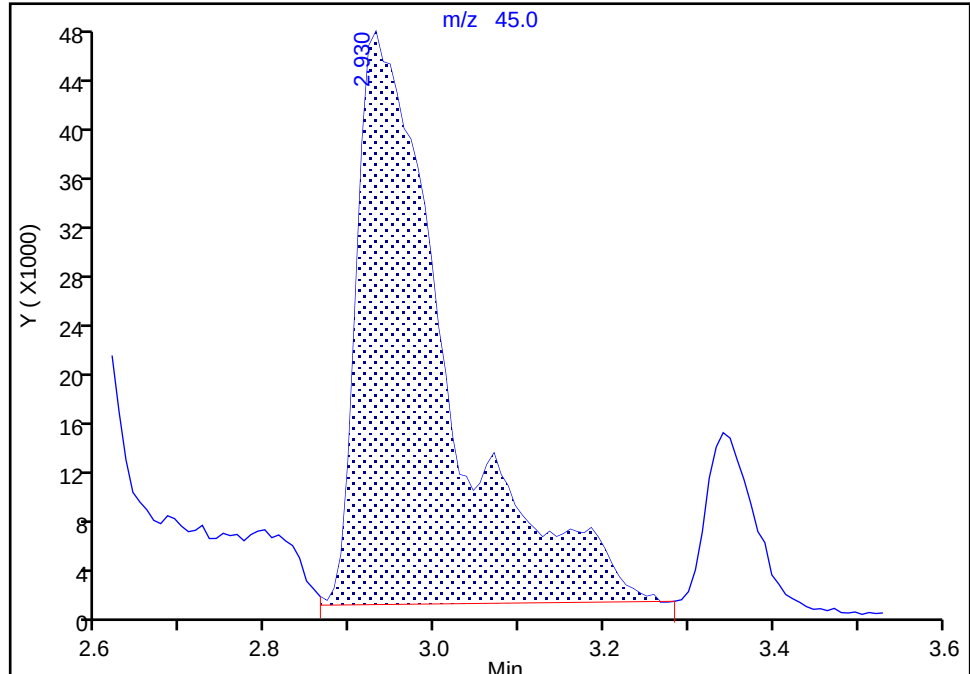
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

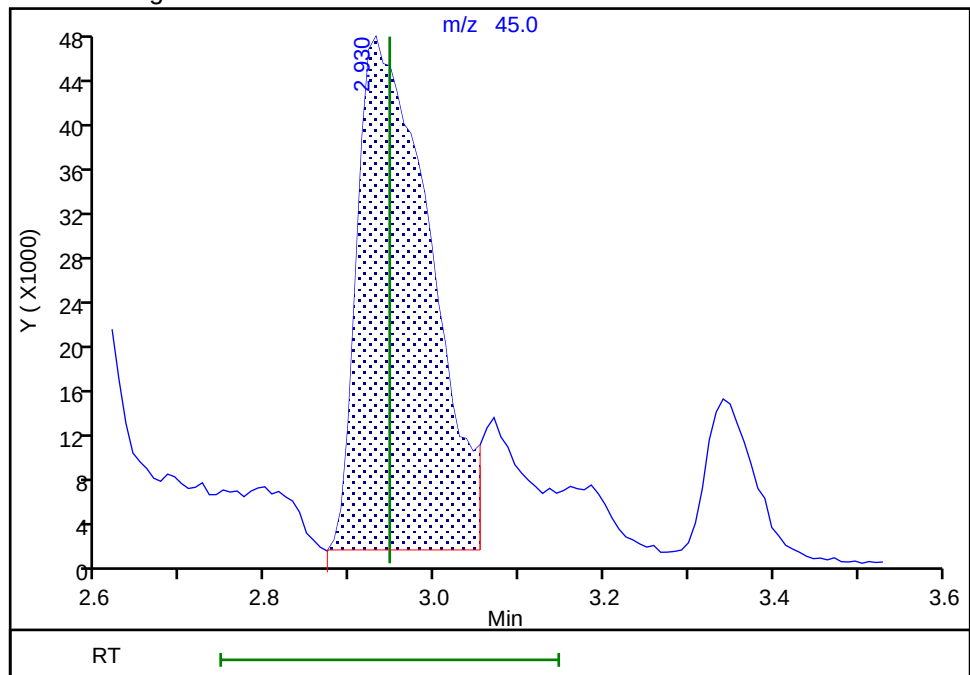
RT: 2.93
Area: 347955
Amount: 2071.3998
Amount Units: ug/l

Processing Integration Results



RT: 2.93
Area: 276525
Amount: 2249.5655
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 13:07:09

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D

Injection Date: 01-Jul-2020 18:20:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

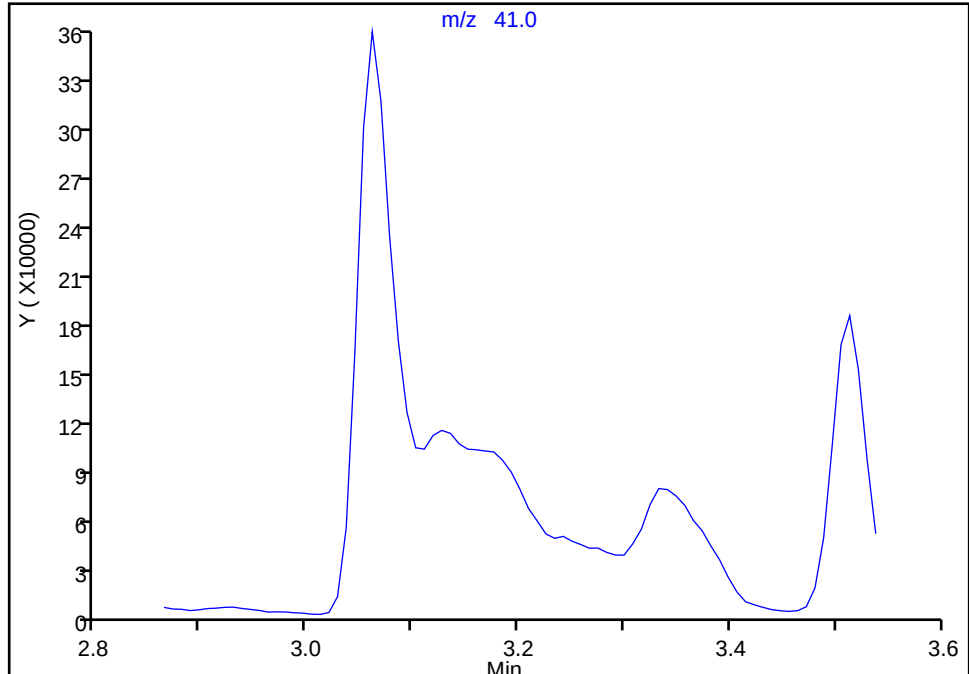
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

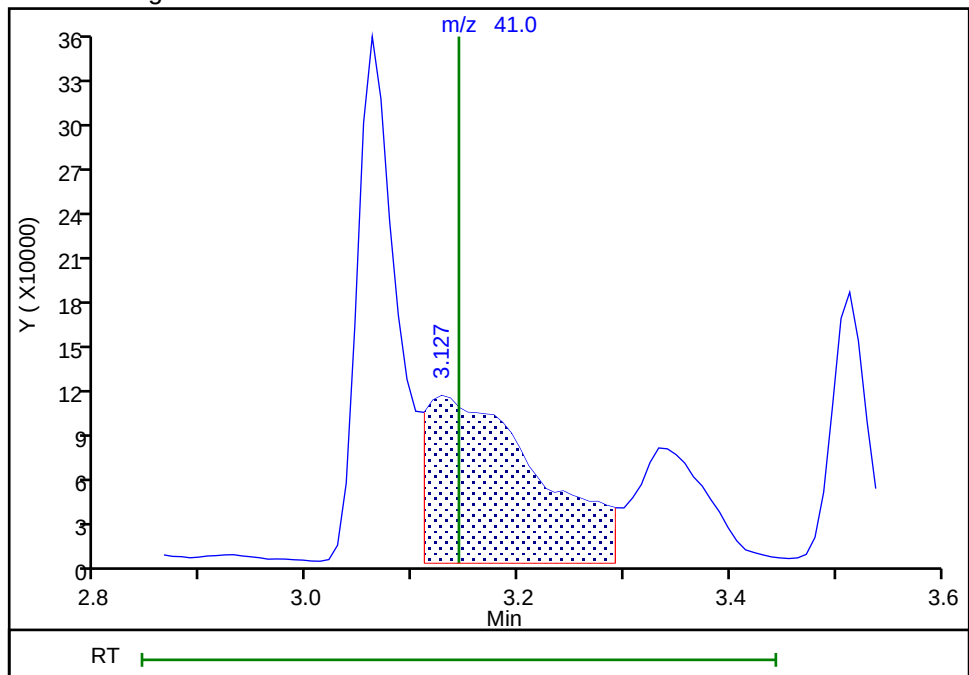
Expected RT: 3.14

Processing Integration Results



RT: 3.13
Area: 841870
Amount: 2412.8141
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:13:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97867.D

Injection Date: 01-Jul-2020 18:20:30

Instrument ID: CVOAMS6

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

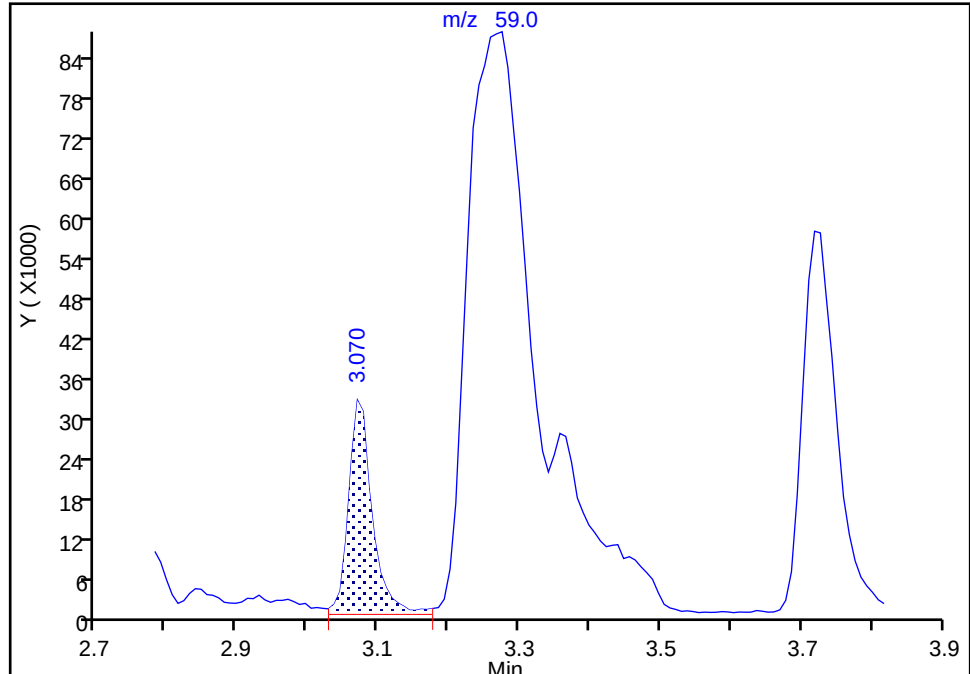
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

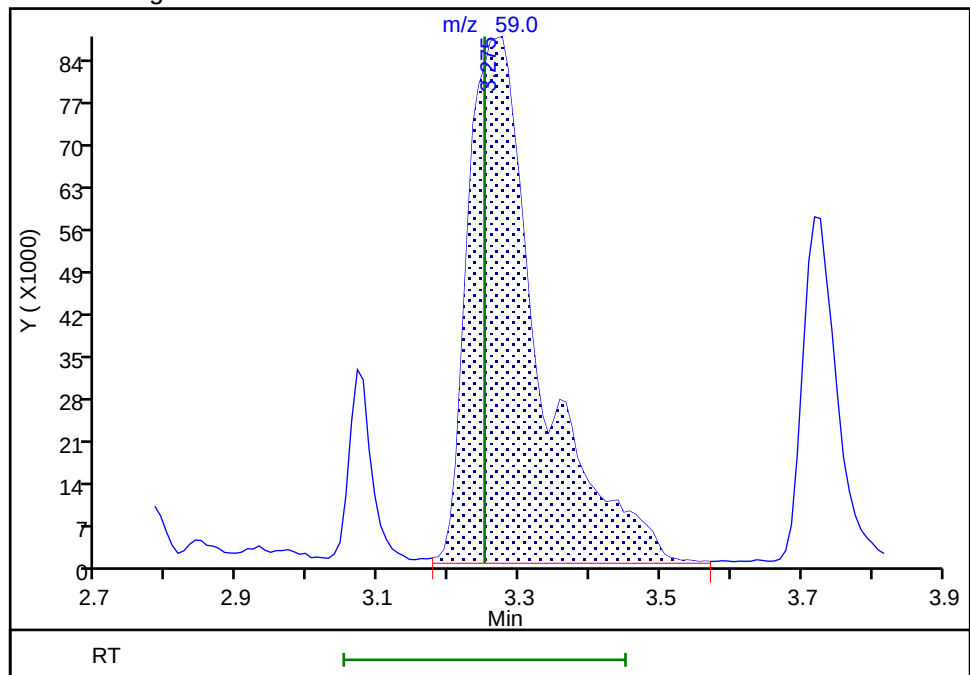
RT: 3.07
Area: 75521
Amount: 358.5465
Amount Units: ug/l

Processing Integration Results



RT: 3.28
Area: 620376
Amount: 1995.4582
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 15:27:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 01-Jul-2020 18:44:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0112547-010
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 19:36:55 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 19:13:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.475	1.475	0.000	88	135516	500.0	488.0	
3 Chlorotrifluoroethene	116	1.566	1.574	-0.008	88	580550	500.0	511.6	
2 1,1-Difluoroethane	51	1.574	1.582	-0.008	94	1346694	500.0	495.8	
4 Dichlorodifluoromethane	85	1.599	1.607	-0.008	99	1828963	500.0	531.0	
5 Chlorodifluoromethane	51	1.615	1.623	-0.008	98	1843845	500.0	544.9	
6 Chloromethane	50	1.771	1.771	0.000	99	1704670	500.0	485.1	
7 Butadiene	54	1.845	1.853	-0.008	93	1575113	500.0	507.6	
8 Vinyl chloride	62	1.853	1.862	-0.009	98	1784506	500.0	510.6	
9 Bromomethane	94	2.125	2.133	-0.008	99	852691	500.0	392.7	
10 Chloroethane	64	2.174	2.182	-0.008	99	811415	500.0	425.6	
11 Dichlorofluoromethane	67	2.355	2.363	-0.008	99	2572433	500.0	541.4	
12 Trichlorofluoromethane	101	2.371	2.379	-0.008	97	2000049	500.0	554.9	
13 Pentane	72	2.396	2.388	0.008	97	572152	1000.0	1117.2	
14 Ethanol	46	2.560	2.560	0.000	92	221170	20000	20999	
15 Ethyl ether	59	2.552	2.560	-0.008	95	1012527	500.0	500.9	
16 2-Methyl-1,3-butadiene	53	2.577	2.577	-0.001	93	1215541	500.0	521.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.618	2.618	0.000	88	1109700	500.0	522.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.667	2.667	0.000	93	1873494	500.0	508.8	a
19 Acrolein	56	2.724	2.733	-0.009	77	75588	400.0	408.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.741	2.749	-0.008	95	1254690	500.0	507.1	
21 1,1-Dichloroethene	96	2.782	2.782	0.000	98	1314071	500.0	518.7	
22 Acetone	43	2.839	2.848	-0.009	89	1957608	2500.0	2482.3	
23 Iodomethane	142	2.922	2.930	-0.008	97	2138433	500.0	514.6	
24 Isopropyl alcohol	45	2.930	2.946	-0.016	98	585875	5000.0	4814.7	M
25 Carbon disulfide	76	2.971	2.971	0.000	99	5248453	500.0	518.4	
26 3-Chloro-1-propene	41	3.061	3.061	0.000	98	3182139	500.0	679.0	
27 Methyl acetate	43	3.070	3.078	-0.008	98	1962667	1000.0	914.6	
28 Cyclopentene	67	3.086	3.086	0.000	94	3563584	500.0	517.8	
29 Acetonitrile	41	3.119	3.143	-0.024	99	1629420	5000.0	5371.3	Ma
* 31 TBA-d9 (IS)	65	3.201	3.185	0.016	0	240583	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.201	3.193	0.008	90	1558216	500.0	505.9	
32 2-Methyl-2-propanol	59	3.259	3.250	0.008	54	1245860	5000.0	4609.2	a
33 Methyl tert-butyl ether	73	3.341	3.349	-0.008	96	3005960	500.0	475.0	
34 trans-1,2-Dichloroethene	96	3.365	3.365	0.000	95	1305465	500.0	509.0	
35 Acrylonitrile	53	3.431	3.439	-0.008	96	5890456	5000.0	5008.7	
36 Hexane	43	3.513	3.513	0.000	89	932509	500.0	435.6	
37 Isopropyl ether	45	3.719	3.727	-0.008	97	3614794	500.0	488.2	
38 1,1-Dichloroethane	63	3.752	3.752	0.000	99	2223763	500.0	515.7	
39 Vinyl acetate	86	3.760	3.768	-0.008	100	628072	1000.0	1112.4	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	88	1183979	500.0	519.0	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	89	3304966	500.0	486.3	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	314144	250.0	250.0	a
43 2,2-Dichloropropane	97	4.245	4.245	0.000	92	398359	500.0	500.9	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	98	1372024	500.0	491.9	
45 Ethyl acetate	70	4.277	4.277	0.000	97	329536	1000.0	957.8	
46 2-Butanone (MEK)	72	4.269	4.277	-0.008	97	914429	2500.0	2210.3	
47 Methyl acrylate	55	4.327	4.327	0.000	100	1256679	500.0	445.1	
48 Propionitrile	54	4.401	4.409	-0.008	99	2230224	5000.0	5357.0	
50 Chlorobromomethane	128	4.475	4.475	0.000	92	634938	500.0	474.4	
49 Tetrahydrofuran	72	4.475	4.483	-0.008	79	395783	1000.0	876.5	
51 Methacrylonitrile	67	4.507	4.508	-0.001	89	6378454	5000.0	4853.9	
52 Chloroform	83	4.524	4.524	0.000	99	1940803	500.0	482.1	
53 Cyclohexane	84	4.664	4.664	0.000	88	2333678	500.0	523.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	95	107867	50.0	49.6	
54 1,1,1-Trichloroethane	97	4.680	4.680	0.000	98	1856060	500.0	522.3	
56 Carbon tetrachloride	117	4.795	4.795	0.000	98	1547783	500.0	541.6	
57 1,1-Dichloropropene	75	4.812	4.820	-0.008	99	1705692	500.0	491.1	
58 Isobutyl alcohol	43	4.935	4.935	0.000	95	1339504	12500	15787	
59 Benzene	78	5.009	5.017	-0.008	95	5537382	500.0	468.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	144948	50.0	53.9	
61 Isopropyl acetate	43	5.066	5.066	0.000	96	3351489	500.0	472.5	
62 Tert-amyl methyl ether	73	5.083	5.074	0.009	90	3516104	500.0	484.7	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	95	1553317	500.0	482.5	
64 n-Heptane	57	5.165	5.165	0.000	88	920223	500.0	446.6	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	490637	50.0	50.0	
66 n-Butanol	56	5.584	5.592	-0.008	83	975781	12500	13931	
67 Trichloroethene	95	5.641	5.641	0.000	99	1259345	500.0	490.9	
68 Ethyl acrylate	55	5.765	5.765	0.000	98	3736935	500.0	556.8	
69 Methylcyclohexane	83	5.773	5.773	0.000	83	2603960	500.0	531.6	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	1338222	500.0	507.5	
* 71 1,4-Dioxane-d8	96	5.978	5.995	-0.017	0	30765	1000.0	1000.0	
72 Methyl methacrylate	100	6.011	6.011	0.000	84	855300	1000.0	1065.8	
73 1,4-Dioxane	88	6.044	6.044	0.000	86	246383	10000	7270.2	
74 n-Propyl acetate	43	6.060	6.060	0.000	97	1863345	500.0	502.1	
75 Dibromomethane	93	6.052	6.060	-0.008	94	789151	500.0	490.0	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	1669659	500.0	528.7	
77 2-Nitropropane	41	6.537	6.537	0.000	80	649768	1000.0	1046.5	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	75	860393	501.2	563.9	
79 Epichlorohydrin	57	6.652	6.644	0.008	98	3042209	10000	10032	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	89	2300565	500.0	495.5	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.866	0.000	94	7055505	2500.0	2495.2	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	98	497414	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
83 Toluene	91	7.022	7.022	0.000	93	6013443	500.0	482.1	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	94	2116932	500.0	537.6	
85 Ethyl methacrylate	69	7.408	7.408	0.000	86	2072520	500.0	522.9	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	97	1056444	500.0	491.9	
87 Tetrachloroethene	166	7.630	7.630	0.000	93	1150297	500.0	472.1	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	90	2238090	500.0	498.0	
89 2-Hexanone	43	7.860	7.860	0.000	94	4760338	2500.0	2600.8	
90 n-Butyl acetate	43	7.975	7.975	0.000	98	2233266	500.0	509.3	
91 Chlorodibromomethane	129	8.024	8.016	0.008	98	1245531	500.0	519.3	
92 Ethylene Dibromide	107	8.180	8.172	0.008	98	1248554	500.0	513.9	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	88	379172	50.0	50.0	
94 Chlorobenzene	112	8.764	8.756	0.008	94	3872533	500.0	509.4	
95 Ethylbenzene	106	8.871	8.871	0.000	98	2123017	500.0	483.4	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	96	1251063	500.0	502.3	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	2648695	500.0	504.6	
98 n-Butyl acrylate	73	9.471	9.479	-0.009	98	1296871	500.0	533.2	
99 o-Xylene	106	9.487	9.487	0.000	93	2637965	500.0	489.4	
100 Styrene	104	9.512	9.512	0.000	96	4432572	500.0	512.4	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	2745006	500.0	551.4	
102 Bromoform	173	9.717	9.717	0.000	95	760709	500.0	497.3	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	7011891	500.0	510.8	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	84	136567	50.0	49.4	
105 Bromobenzene	156	10.136	10.136	0.000	94	1419611	500.0	505.1	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	1834240	500.0	520.4	
107 N-Propylbenzene	91	10.202	10.202	0.000	99	8438680	500.0	516.4	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	98	482786	500.0	467.4	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	80	444783	500.0	508.0	
110 2-Chlorotoluene	91	10.292	10.292	0.000	95	5717833	500.0	525.3	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	6777951	500.0	522.9	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	92	6086919	500.0	546.2	
113 4-Chlorotoluene	91	10.383	10.383	0.000	97	5113272	500.0	531.9	
114 Butyl Methacrylate	87	10.440	10.440	0.000	85	2346707	500.0	577.1	
115 tert-Butylbenzene	119	10.588	10.588	0.000	94	4827790	500.0	549.7	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	6175994	500.0	532.4	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	7586463	500.0	528.4	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	92	2561578	500.0	453.1	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	6107573	500.0	513.3	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	96	187118	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	94	2775312	500.0	479.5	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	98	6433284	500.0	533.6	
123 Benzyl chloride	91	11.023	11.024	-0.001	99	3592120	500.0	564.8	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	6014045	500.0	507.4	
125 p-Diethylbenzene	119	11.114	11.114	0.000	93	3340630	500.0	509.6	
126 n-Butylbenzene	92	11.130	11.130	0.000	97	3461989	500.0	514.6	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	94	2887635	500.0	488.3	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	97	6118782	500.0	512.4	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.664	-0.008	97	370396	500.0	461.9	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	96	2048822	500.0	450.0	
131 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	94	1928974	500.0	445.1	
132 Hexachlorobutadiene	225	12.199	12.207	-0.009	93	719222	500.0	455.0	
133 Naphthalene	128	12.305	12.314	-0.009	99	6424232	500.0	488.6	
134 1,2,3-Trichlorobenzene	180	12.461	12.470	-0.009	95	1849382	500.0	455.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		1000.0	1000.9	
S 136 Xylenes, Total	100				0		1000.0	994.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonHi_00020	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 40.00	Units: uL	
GAS Hi_00364	Amount Added: 50.00	Units: uL	
MIX I Hi_00127	Amount Added: 50.00	Units: uL	
Ethanol mix_00041	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00099	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD500

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

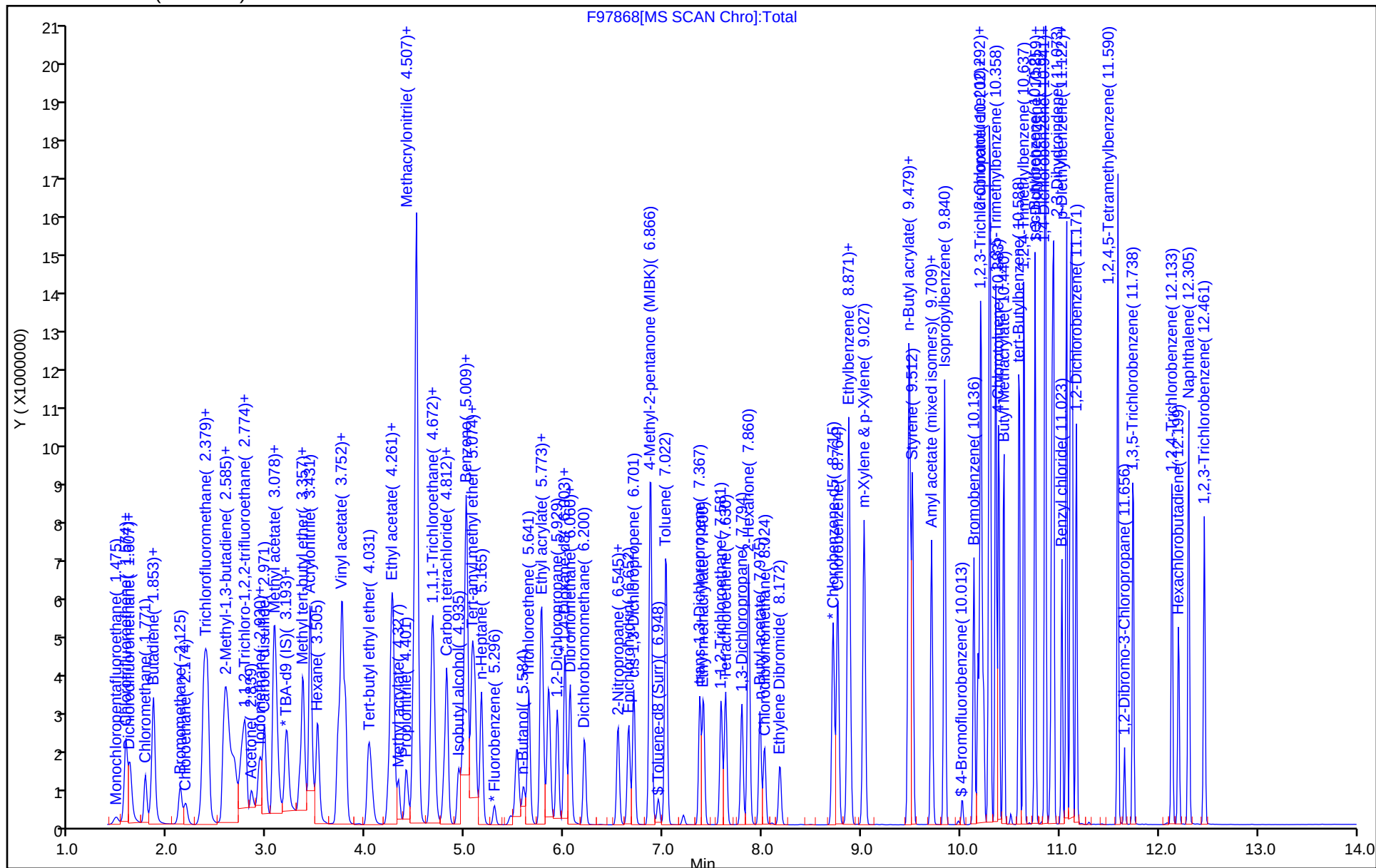
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

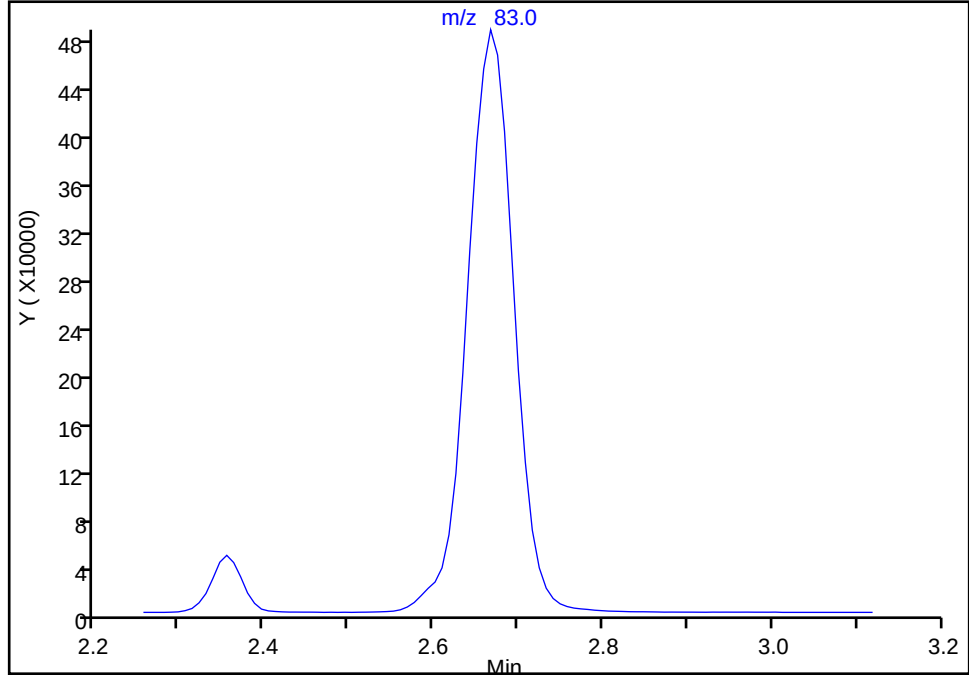
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

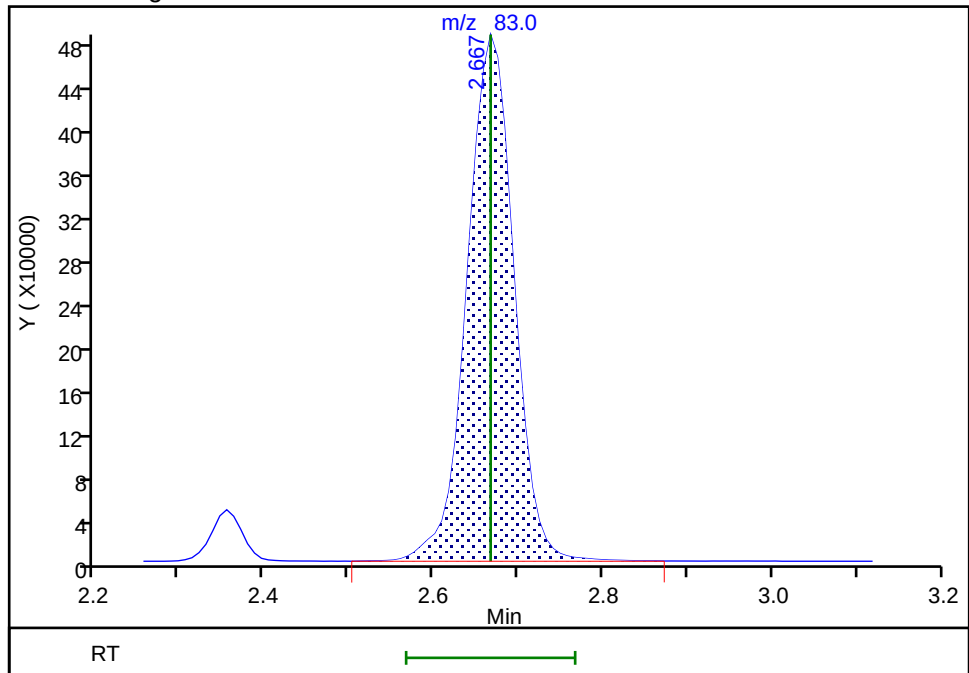
Not Detected

Expected RT: 2.67

Processing Integration Results



Manual Integration Results

RT: 2.67
Area: 1873494
Amount: 508.7856
Amount Units: ug/l

Reviewer: kluseys, 01-Jul-2020 19:12:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

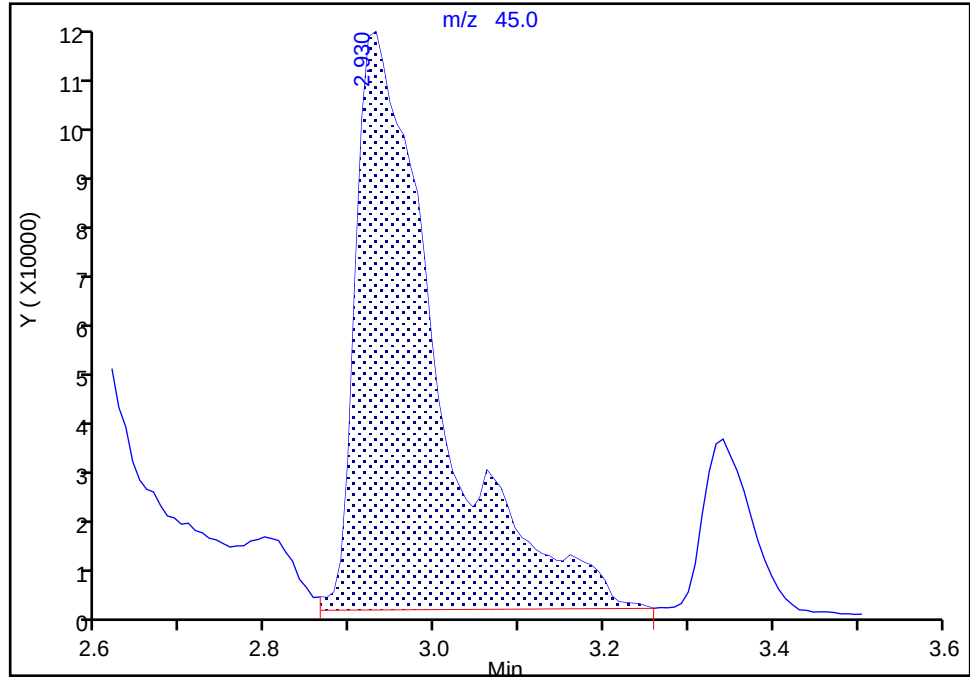
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

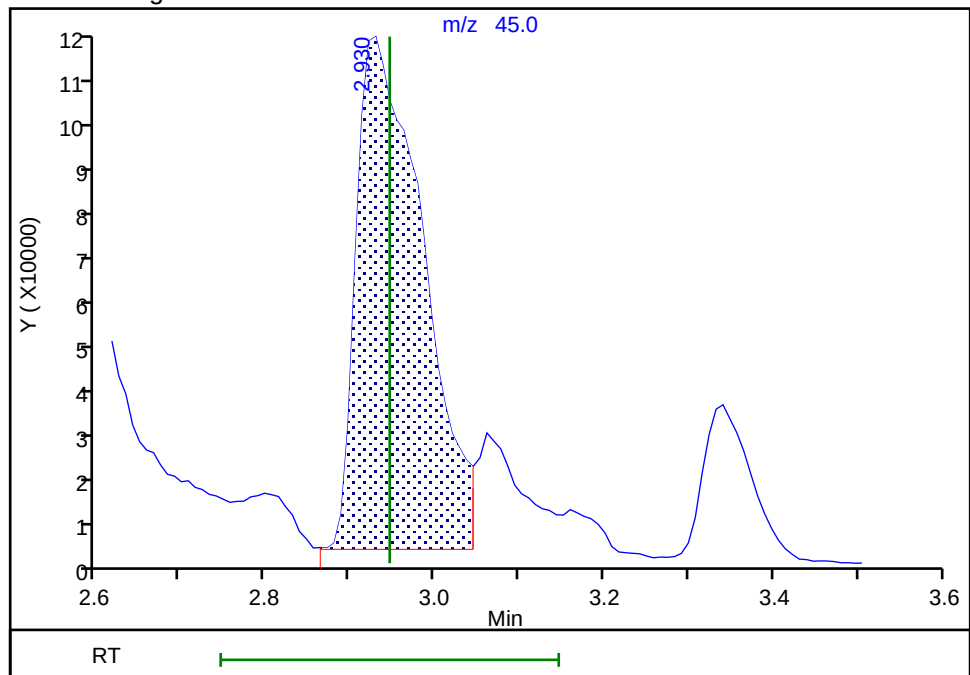
RT: 2.93
Area: 737333
Amount: 4998.8770
Amount Units: ug/l

Processing Integration Results



RT: 2.93
Area: 585875
Amount: 4814.6589
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 13:08:02

Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

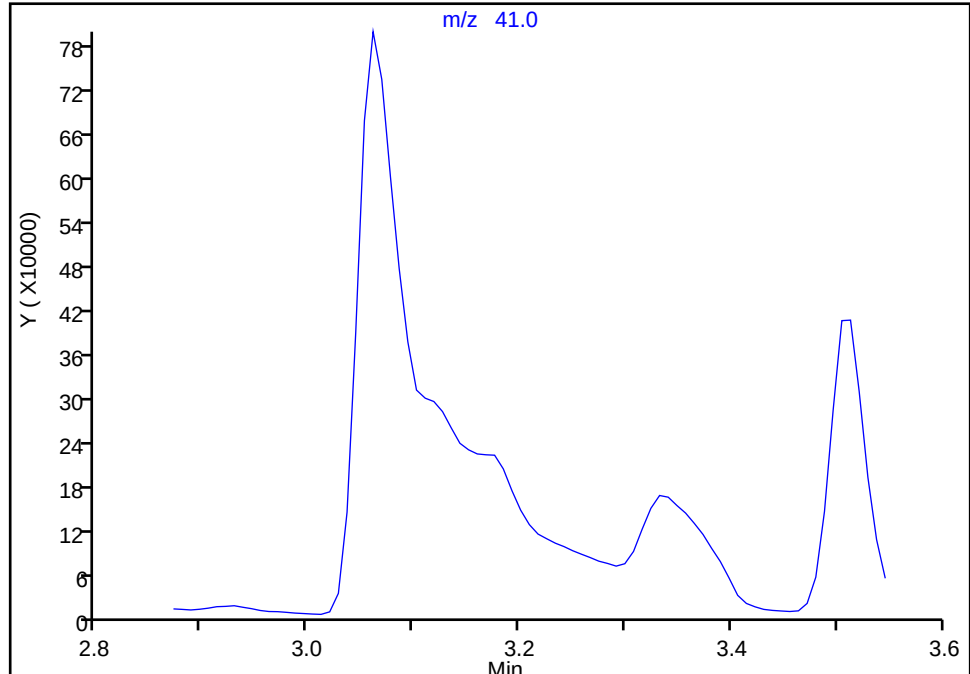
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

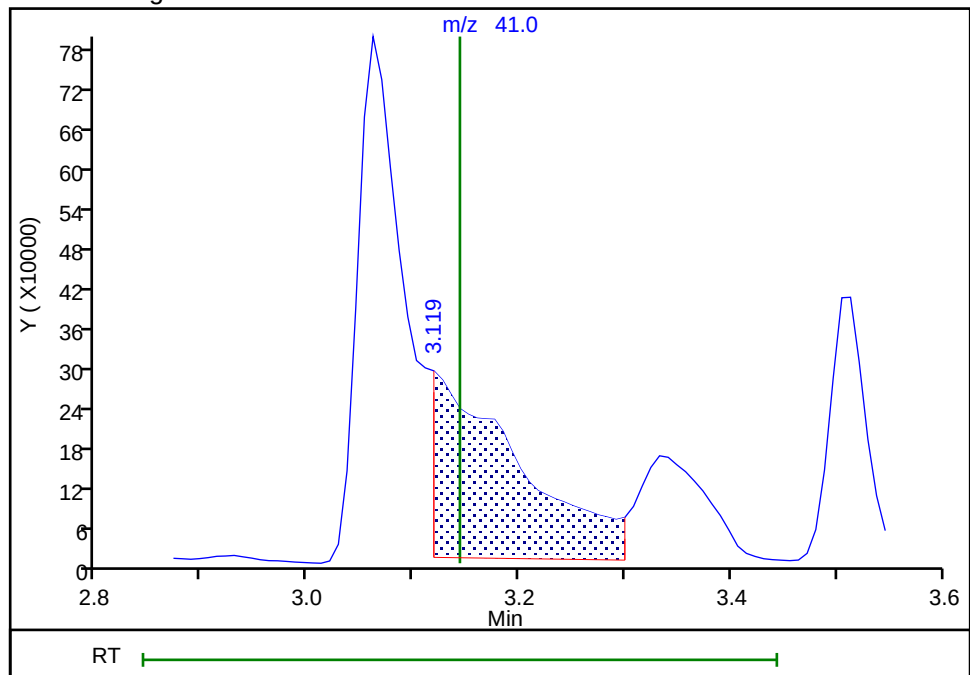
Expected RT: 3.14

Processing Integration Results



RT: 3.12
Area: 1629420
Amount: 5371.2639
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 11:54:31

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

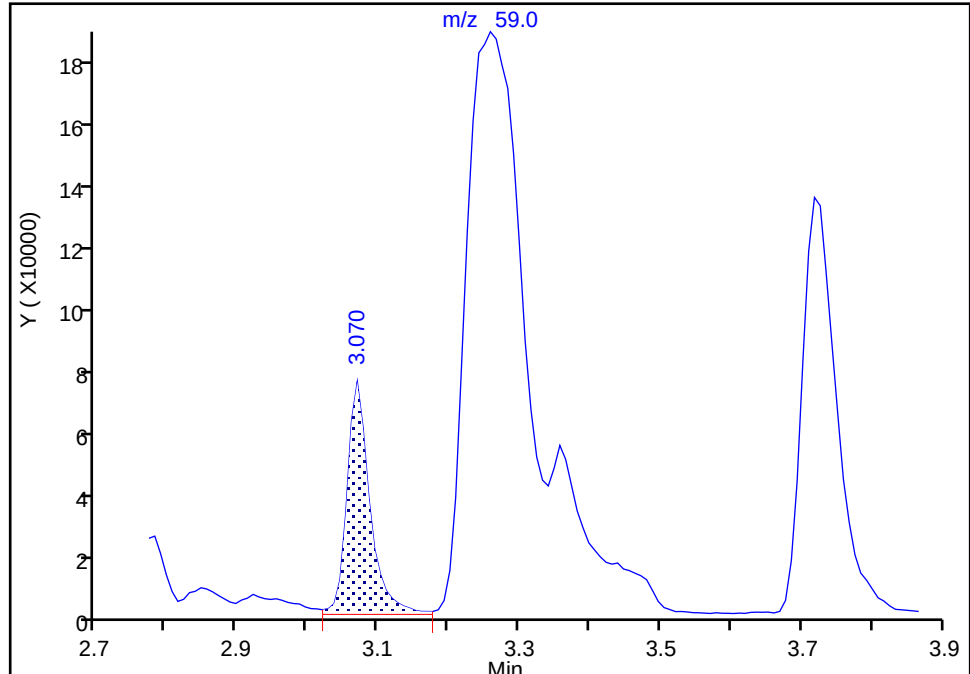
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

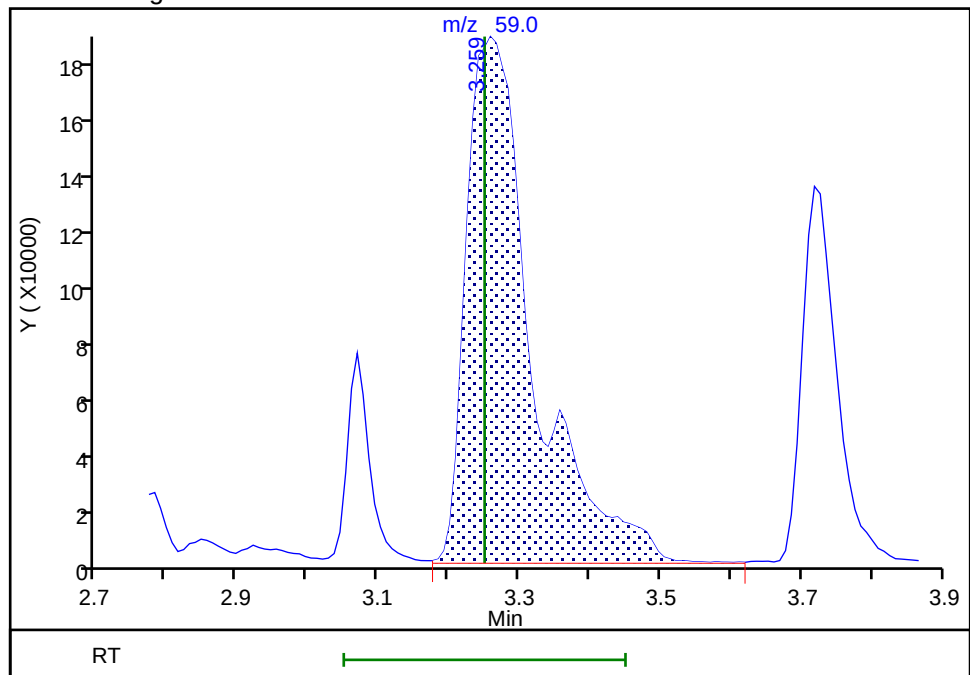
RT: 3.07
Area: 170582
Amount: 766.2977
Amount Units: ug/l

Processing Integration Results



RT: 3.26
Area: 1245860
Amount: 4609.1572
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 02-Jul-2020 15:28:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D

Injection Date: 01-Jul-2020 18:44:30

Instrument ID: CVOAMS6

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

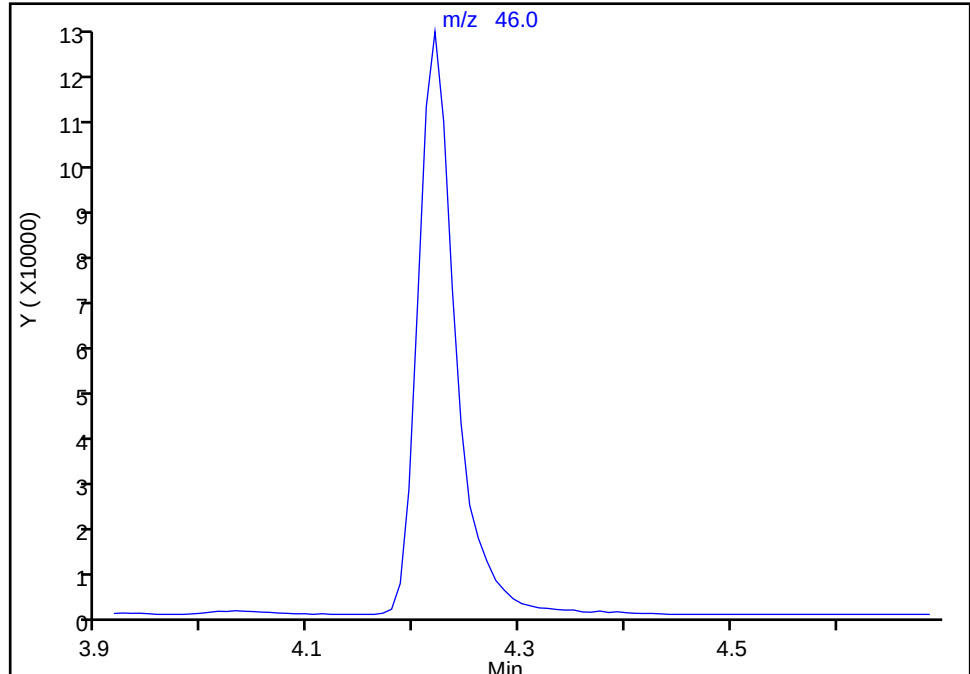
Detector: MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

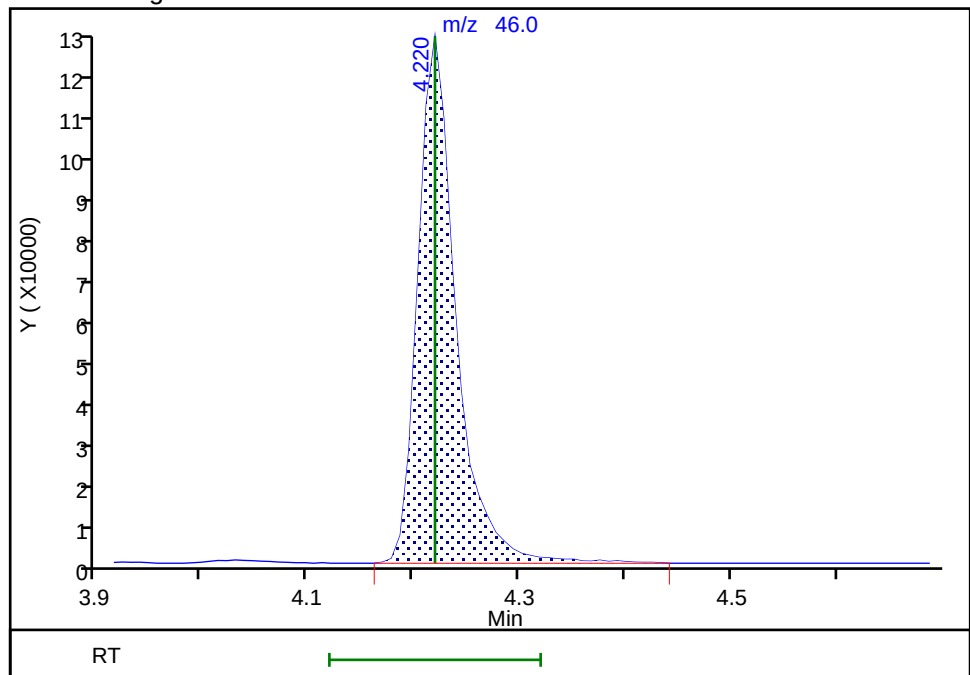
Signal: 1

Not Detected
Expected RT: 4.22

Processing Integration Results

RT: 4.22
Area: 314144
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 19:12:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706284/3 Calibration Date: 07/06/2020 19:27
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90784.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.4313	0.2196	0.1000	10.2	20.0	-49.1*	20.0
Chloromethane	Ave	0.5140	0.3459	0.1000	13.5	20.0	-32.7*	20.0
Vinyl chloride	Ave	0.4972	0.3956	0.1000	15.9	20.0	-20.4*	20.0
Butadiene	Ave	0.4093	0.2525		12.3	20.0	-38.3*	20.0
Bromomethane	Ave	0.3410	0.2954	0.1000	17.3	20.0	-13.4	50.0
Chloroethane	Ave	0.2776	0.2374	0.1000	17.1	20.0	-14.5	50.0
Trichlorofluoromethane	Ave	0.4533	0.4173	0.1000	18.4	20.0	-8.0	20.0
Dichlorofluoromethane	Ave	0.6095	0.5457		17.9	20.0	-10.5	20.0
Pentane	Ave	2.371	2.333		39.4	40.0	-1.6	20.0
Ethyl ether	Ave	0.2438	0.2079		17.1	20.0	-14.7	20.0
Ethanol	Ave	0.0775	0.0619		638	800	-20.2	50.0
2-Methyl-1,3-butadiene	Ave	0.2809	0.2370		16.9	20.0	-15.6	20.0
Acrolein	QuaF		1.407		108	40.0	169.7*	50.0
Freon TF	Ave	0.3110	0.2831	0.1000	18.2	20.0	-9.0	20.0
1,1-Dichloroethene	Ave	0.2945	0.2830	0.1000	19.2	20.0	-3.9	20.0
Acetone	Ave	0.3201	0.2728	0.0500	85.2	100	-14.8	50.0
Iodomethane	Ave	0.5371	0.5548		20.7	20.0	3.3	20.0
Isopropyl alcohol	QuaF		0.7842		230	200	14.8	50.0
Carbon disulfide	Ave	1.152	1.114	0.1000	19.3	20.0	-3.3	50.0
Allyl chloride	Ave	0.2097	0.2011		19.2	20.0	-4.1	20.0
Methyl acetate	Ave	0.2036	0.1712	0.1000	33.6	40.0	-15.9	20.0
Cyclopentene	Ave	0.7782	0.7207		18.5	20.0	-7.4	20.0
Acetonitrile	Ave	1.569	1.380		176	200	-12.1	20.0
Methylene Chloride	Ave	0.3588	0.3371	0.1000	18.8	20.0	-6.1	20.0
2-Methyl-2-propanol	Ave	0.9607	0.9623		200	200	0.2	50.0
MTBE	Ave	0.6758	0.7295	0.1000	21.6	20.0	7.9	20.0
trans-1,2-Dichloroethene	Ave	0.3082	0.2978	0.1000	19.3	20.0	-3.4	20.0
Acrylonitrile	Ave	0.1133	0.1081		191	200	-4.6	20.0
Hexane	Ave	0.2389	0.2248		18.8	20.0	-5.9	20.0
Isopropyl ether	Ave	0.9001	0.8234		18.3	20.0	-8.5	20.0
1,1-Dichloroethane	Ave	0.5073	0.4935	0.2000	19.5	20.0	-2.7	20.0
Vinyl acetate	Ave	1.666	2.521		60.5	40.0	51.3*	20.0
2-Chloro-1,3-butadiene	Ave	0.2493	0.2553		20.5	20.0	2.4	20.0
Tert-butyl ethyl ether	Ave	0.7127	0.7707		21.6	20.0	8.1	20.0
2,2-Dichloropropane	Ave	0.0708	0.0781		22.0	20.0	10.2	20.0
cis-1,2-Dichloroethene	Ave	0.3230	0.3297	0.1000	20.4	20.0	2.1	20.0
2-Butanone	Ave	0.3061	0.3533	0.0500	115	100	15.4	50.0
Ethyl acetate	Ave	0.2421	0.2710		44.8	40.0	11.9	20.0
Methyl acrylate	Ave	0.2028	0.2142		21.1	20.0	5.6	20.0
Propionitrile	Ave	1.697	1.796		212	200	5.8	20.0
Bromochloromethane	Ave	0.1530	0.1659		21.7	20.0	8.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706284/3 Calibration Date: 07/06/2020 19:27
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90784.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	0.3428	0.3687		43.0	40.0	7.6	20.0
Methacrylonitrile	Ave	0.1120	0.1198		214	200	7.0	20.0
Chloroform	Ave	0.4571	0.4618	0.2000	20.2	20.0	1.0	20.0
Cyclohexane	Ave	0.5226	0.4739	0.1000	18.1	20.0	-9.3	50.0
1,1,1-Trichloroethane	Ave	0.3327	0.3366	0.1000	20.2	20.0	1.2	20.0
Carbon tetrachloride	Qua2		0.2180	0.1000	23.3	20.0	16.6	20.0
1,1-Dichloropropene	Ave	0.3620	0.3650		20.2	20.0	0.8	20.0
Isobutyl alcohol	QuaF		0.2931		653	500	30.6*	20.0
2,2,4-Trimethylpentane	Ave	0.9241	0.9522		20.6	20.0	3.0	20.0
Benzene	Ave	1.545	1.591	0.5000	20.6	20.0	2.9	20.0
Isopropyl acetate	Ave	0.6543	0.6332		19.4	20.0	-3.2	20.0
Tert-amyl methyl ether	Ave	0.2157	0.2488		23.1	20.0	15.3	20.0
1,2-Dichloroethane	Ave	0.3188	0.3181	0.1000	20.0	20.0	-0.2	20.0
n-Heptane	Ave	0.3398	0.3034		17.9	20.0	-10.7	20.0
n-Butanol	QuaF		0.1737		636	500	27.1	50.0
Trichloroethene	Ave	0.2730	0.2675	0.2000	19.6	20.0	-2.0	20.0
Ethyl acrylate	QuaF		0.2748		19.4	20.0	-3.0	20.0
Methylcyclohexane	Ave	0.5062	0.5536	0.1000	21.9	20.0	9.4	50.0
1,2-Dichloropropane	Ave	0.2768	0.2608	0.1000	18.8	20.0	-5.8	20.0
Methyl methacrylate	Ave	0.0572	0.0679		47.4	40.0	18.6	20.0
n-Propyl acetate	Ave	0.2867	0.2702		18.8	20.0	-5.8	20.0
1,4-Dioxane	Ave	1.071	1.173		438	400	9.5	50.0
Dibromomethane	Ave	0.1621	0.1535		18.9	20.0	-5.3	20.0
Bromodichloromethane	Ave	0.2595	0.2696	0.2000	20.8	20.0	3.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1592	0.1490		18.8	20.0	-6.4	20.0
2-Nitropropane	Qua2		0.0245		47.7	40.0	19.3	20.0
Epichlorohydrin	Ave	0.2020	0.2415		478	400	19.6	20.0
cis-1,3-Dichloropropene	Ave	0.4620	0.4934	0.2000	21.4	20.0	6.8	50.0
4-Methyl-2-pentanone	Ave	2.228	2.440	0.0500	110	100	9.5	50.0
Toluene	Ave	1.527	1.579	0.4000	20.7	20.0	3.4	20.0
Ethyl methacrylate	QuaF		0.2924		19.6	20.0	-2.0	20.0
trans-1,3-Dichloropropene	Ave	0.3362	0.4038	0.1000	24.0	20.0	20.1	50.0
1,1,2-Trichloroethane	Ave	0.2609	0.2756	0.1000	21.1	20.0	5.6	20.0
Tetrachloroethene	Ave	0.3588	0.3778	0.2000	21.1	20.0	5.3	20.0
1,3-Dichloropropane	Ave	0.5376	0.5366		20.0	20.0	-0.2	20.0
2-Hexanone	Ave	1.429	1.478	0.0500	103	100	3.5	50.0
n-Butyl acetate	QuaF		0.0880		21.6	20.0	7.9	20.0
Dibromochloromethane	Ave	0.2141	0.2332	0.1000	21.8	20.0	8.9	50.0
1,2-Dibromoethane	Ave	0.2702	0.2955	0.1000	21.9	20.0	9.4	20.0
Chlorobenzene	Ave	0.9454	1.014	0.5000	21.4	20.0	7.2	20.0
Ethylbenzene	Ave	0.5566	0.5663	0.1000	20.3	20.0	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706284/3 Calibration Date: 07/06/2020 19:27
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90784.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
1,1,1,2-Tetrachloroethane	Qua2		0.2808		25.6	20.0	27.9*	20.0
m&p-Xylene	Ave	0.6718	0.6897	0.1000	20.5	20.0	2.7	20.0
n-Butyl acrylate	QuaF		0.2264		21.0	20.0	5.1	20.0
o-Xylene	Ave	0.6839	0.7371	0.3000	21.6	20.0	7.8	20.0
Styrene	Ave	1.052	1.139	0.3000	21.6	20.0	8.2	20.0
Amyl acetate (mixed isomers)	QuaF		0.8611		16.2	20.0	-19.2	20.0
Bromoform	Qua2		0.1320	0.1000	24.5	20.0	22.6*	20.0
Isopropylbenzene	Ave	1.802	1.913	0.1000	21.2	20.0	6.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7811	0.8007	0.3000	20.5	20.0	2.5	20.0
Bromobenzene	Ave	0.7630	0.7573		19.9	20.0	-0.7	20.0
N-Propylbenzene	Ave	3.908	3.945		20.2	20.0	1.0	20.0
1,2,3-Trichloropropane	Ave	0.2294	0.2270		19.8	20.0	-1.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1866	0.1671		17.9	20.0	-10.5	20.0
4-Ethyltoluene	Ave	3.308	3.368		20.4	20.0	1.8	20.0
2-Chlorotoluene	Ave	2.837	2.839		20.0	20.0	0.0	20.0
1,3,5-Trimethylbenzene	Ave	2.829	2.882		20.4	20.0	1.8	20.0
Butyl Methacrylate	QuaF		0.8501		18.1	20.0	-9.6	20.0
4-Chlorotoluene	Ave	2.184	2.254		20.6	20.0	3.2	20.0
tert-Butylbenzene	Ave	2.168	2.356		21.7	20.0	8.7	20.0
1,2,4-Trimethylbenzene	Ave	2.894	2.910		20.1	20.0	0.6	20.0
sec-Butylbenzene	Ave	3.627	3.740		20.6	20.0	3.1	20.0
4-Isopropyltoluene	Ave	3.092	3.159		20.4	20.0	2.2	20.0
1,3-Dichlorobenzene	Ave	1.516	1.572	0.6000	20.7	20.0	3.7	20.0
1,4-Dichlorobenzene	Ave	1.539	1.575	0.5000	20.5	20.0	2.3	20.0
1,2,3-Trimethylbenzene	Ave	3.110	3.071		19.7	20.0	-1.3	20.0
Benzyl chloride	Qua2		0.8183		26.8	20.0	34.2	50.0
Indan	Ave	3.283	3.354		20.4	20.0	2.2	20.0
p-Diethylbenzene	Ave	1.838	1.909		20.8	20.0	3.9	20.0
n-Butylbenzene	Ave	1.736	1.759		20.3	20.0	1.3	20.0
1,2-Dichlorobenzene	Ave	1.581	1.674	0.4000	21.2	20.0	5.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.823	3.051		21.6	20.0	8.0	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0731	0.0500	15.6	20.0	-21.9	50.0
1,3,5-Trichlorobenzene	Ave	1.247	1.372		22.0	20.0	10.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9698	0.9627	0.2000	19.9	20.0	-0.7	20.0
Hexachlorobutadiene	Ave	0.4625	0.4540		19.6	20.0	-1.8	20.0
Naphthalene	Ave	1.767	1.393		15.8	20.0	-21.2	50.0
1,2,3-Trichlorobenzene	Ave	0.6290	0.5009		15.9	20.0	-20.4*	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4673			0.620	20.0		
1,1-Difluoroethane	Ave	0.3131			0.760	20.0		
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2770			0.280	20.0		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706284/3 Calibration Date: 07/06/2020 19:27
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90784.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
Chlorodifluoromethane	Ave	0.3857			0.670	20.0		
Chlorotrifluoroethene	Ave	0.1318			0.460	20.0		
Monochloropentafluoroethane	Ave	0.0311			0.550	20.0		
Dibromofluoromethane (Surr)	Ave	0.2328	0.2283		49.0	50.0	-1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2659	0.2429		45.7	50.0	-8.7	20.0
Toluene-d8 (Surr)	Ave	1.263	1.265		50.1	50.0	0.1	20.0
Bromofluorobenzene	Ave	0.3657	0.3710		50.7	50.0	1.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 06-Jul-2020 19:27:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ccvis
 Misc. Info.: 460-0112801-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:26:26 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: asfawa

Date: 07-Jul-2020 08:46:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.684	1.684	0.000	99	47898	20.0	10.2	a
6 Chloromethane	50	1.904	1.904	0.000	98	75426	20.0	13.5	
8 Vinyl chloride	62	2.013	2.013	0.000	98	86284	20.0	15.9	
7 Butadiene	39	2.038	2.038	0.000	95	55063	20.0	12.3	a
9 Bromomethane	94	2.373	2.373	0.000	99	64424	20.0	17.3	
10 Chloroethane	64	2.477	2.477	0.000	99	51769	20.0	17.1	
12 Trichlorofluoromethane	101	2.684	2.684	0.000	62	90995	20.0	18.4	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	98	119014	20.0	17.9	
13 Pentane	72	2.721	2.721	0.000	98	22009	40.0	39.4	
14 Ethyl ether	59	2.940	2.940	0.000	96	45340	20.0	17.1	
15 Ethanol	46	2.946	2.946	0.000	68	11669	800.0	638.4	
16 2-Methyl-1,3-butadiene	53	2.964	2.964	0.000	95	51691	20.0	16.9	
19 Acrolein	56	3.141	3.141	0.000	92	13270	40.0	107.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.166	3.166	0.000	95	61730	20.0	18.2	M
21 1,1-Dichloroethene	96	3.178	3.178	0.000	98	61707	20.0	19.2	
22 Acetone	58	3.281	3.281	0.000	89	28100	100.0	85.2	
23 Iodomethane	142	3.355	3.355	0.000	95	120989	20.0	20.7	
25 Isopropyl alcohol	45	3.385	3.385	0.000	35	36988	200.0	229.5	
24 Carbon disulfide	76	3.391	3.391	0.000	98	242994	20.0	19.3	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	92	43856	20.0	19.2	
27 Methyl acetate	43	3.538	3.538	0.000	68	74655	40.0	33.6	
28 Cyclopentene	67	3.544	3.544	0.000	89	157180	20.0	18.5	
29 Acetonitrile	41	3.605	3.605	0.000	98	65083	200.0	175.9	
30 Methylene Chloride	84	3.659	3.659	0.000	90	73506	20.0	18.8	
* 31 TBA-d9 (IS)	65	3.666	3.666	0.000	84	235827	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	91	45388	200.0	200.3	
33 Methyl tert-butyl ether	73	3.830	3.830	0.000	97	159101	20.0	21.6	
34 trans-1,2-Dichloroethene	96	3.848	3.848	0.000	92	64934	20.0	19.3	
35 Acrylonitrile	53	3.922	3.922	0.000	95	235807	200.0	190.8	
36 Hexane	43	3.995	3.995	0.000	91	49017	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
37 Isopropyl ether	45	4.202	4.202	0.000	96	179569	20.0	18.3	
38 1,1-Dichloroethane	63	4.233	4.233	0.000	98	107634	20.0	19.5	
39 Vinyl acetate	86	4.239	4.239	0.000	99	23780	40.0	60.5	
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	89	55682	20.0	20.5	
41 Tert-butyl ethyl ether	59	4.489	4.489	0.000	90	168069	20.0	21.6	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	94	257494	250.0	250.0	
43 2,2-Dichloropropane	97	4.684	4.684	0.000	95	17027	20.0	22.0	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	96	71899	20.0	20.4	
45 Ethyl acetate	70	4.708	4.708	0.000	93	11166	40.0	44.8	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	97	36391	100.0	115.4	
47 Methyl acrylate	55	4.751	4.751	0.000	99	46722	20.0	21.1	
48 Propionitrile	54	4.824	4.824	0.000	98	84717	200.0	211.6	
50 Tetrahydrofuran	72	4.891	4.891	0.000	63	15190	40.0	43.0	
49 Chlorobromomethane	128	4.891	4.891	0.000	79	36189	20.0	21.7	
51 Methacrylonitrile	67	4.909	4.909	0.000	88	261204	200.0	214.0	
52 Chloroform	83	4.934	4.934	0.000	99	100717	20.0	20.2	
53 Cyclohexane	56	5.043	5.043	0.000	90	103346	20.0	18.1	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.062	0.000	98	124451	50.0	49.0	
55 1,1,1-Trichloroethane	97	5.062	5.062	0.000	72	73409	20.0	20.2	
56 Carbon tetrachloride	117	5.153	5.153	0.000	97	47540	20.0	23.3	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	99	79596	20.0	20.2	
58 Isobutyl alcohol	43	5.251	5.251	0.000	95	34562	500.0	653.2	
59 Isooctane	57	5.299	5.299	0.000	94	207662	20.0	20.6	
60 Benzene	78	5.336	5.336	0.000	95	243734	20.0	20.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	97	132411	50.0	45.7	
62 Isopropyl acetate	43	5.360	5.360	0.000	98	138092	20.0	19.4	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	95	54257	20.0	23.1	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	97	69362	20.0	20.0	
65 n-Heptane	71	5.433	5.433	0.000	87	66174	20.0	17.9	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	545211	50.0	50.0	
67 n-Butanol	56	5.775	5.775	0.000	86	20484	500.0	635.6	
68 Trichloroethene	95	5.842	5.842	0.000	98	58326	20.0	19.6	
70 Ethyl acrylate	55	5.921	5.921	0.000	96	59920	20.0	19.4	a
69 Methylcyclohexane	83	5.958	5.958	0.000	94	120724	20.0	21.9	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	90	56879	20.0	18.8	
73 Methyl methacrylate	100	6.128	6.128	0.000	85	29614	40.0	47.4	a
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	90	31529	1000.0	1000.0	
74 n-Propyl acetate	43	6.171	6.171	0.000	96	58931	20.0	18.8	
76 1,4-Dioxane	88	6.183	6.183	0.000	39	14795	400.0	438.0	
75 Dibromomethane	93	6.208	6.208	0.000	98	33470	20.0	18.9	
77 Dichlorobromomethane	83	6.330	6.330	0.000	99	58794	20.0	20.8	
78 2-Chloroethyl vinyl ether	63	6.604	6.604	0.000	95	32582	20.0	18.8	
80 Epichlorohydrin	57	6.695	6.695	0.000	98	99514	400.0	478.2	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	89	75590	20.0	21.4	
79 2-Nitropropane	41	6.616	6.616	0.000	52	10670	40.0	47.7	a
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	94	251323	100.0	109.5	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	484377	50.0	50.1	
84 Toluene	91	6.988	6.988	0.000	93	241896	20.0	20.7	
85 trans-1,3-Dichloropropene	75	7.208	7.208	0.000	94	61858	20.0	24.0	
86 Ethyl methacrylate	69	7.208	7.208	0.000	81	63773	20.0	19.6	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	99	42216	20.0	21.1	
88 Tetrachloroethene	166	7.390	7.390	0.000	97	57877	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
89 1,3-Dichloropropane	76	7.482	7.482	0.000	90	82206	20.0	20.0	
90 2-Hexanone	43	7.494	7.494	0.000	95	152272	100.0	103.5	
91 n-Butyl acetate	73	7.549	7.549	0.000	98	13477	20.0	21.6	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	35722	20.0	21.8	
93 Ethylene Dibromide	107	7.720	7.720	0.000	100	45272	20.0	21.9	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	382998	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	96	155322	20.0	21.4	
96 Ethylbenzene	106	8.061	8.061	0.000	98	86750	20.0	20.3	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	93	43015	20.0	25.6	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	98	105659	20.0	20.5	
99 n-Butyl acrylate	73	8.335	8.335	0.000	99	34680	20.0	21.0	
100 o-Xylene	106	8.390	8.390	0.000	94	112927	20.0	21.6	
101 Styrene	104	8.402	8.402	0.000	96	174453	20.0	21.6	
102 Amyl acetate (mixed isomers)	43	8.469	8.469	0.000	92	74650	20.0	16.2	
103 Bromoform	173	8.543	8.543	0.000	96	20214	20.0	24.5	
104 Isopropylbenzene	105	8.591	8.591	0.000	95	293064	20.0	21.2	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	91	142105	50.0	50.7	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	99	69411	20.0	20.5	
107 Bromobenzene	156	8.811	8.811	0.000	99	65650	20.0	19.9	
108 N-Propylbenzene	91	8.823	8.823	0.000	99	342013	20.0	20.2	
109 trans-1,4-Dichloro-2-butene	53	8.841	8.841	0.000	73	14485	20.0	17.9	
110 1,2,3-Trichloropropane	110	8.841	8.841	0.000	97	19674	20.0	19.8	
111 4-Ethyltoluene	105	8.884	8.884	0.000	98	292003	20.0	20.4	
112 2-Chlorotoluene	91	8.902	8.902	0.000	96	246122	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	8.921	8.921	0.000	93	249811	20.0	20.4	
114 Butyl Methacrylate	87	8.945	8.945	0.000	86	73692	20.0	18.1	
115 4-Chlorotoluene	91	8.963	8.963	0.000	97	195391	20.0	20.6	
116 tert-Butylbenzene	119	9.104	9.104	0.000	95	204278	20.0	21.7	
117 1,2,4-Trimethylbenzene	105	9.134	9.134	0.000	97	252272	20.0	20.1	
118 sec-Butylbenzene	105	9.225	9.225	0.000	99	324203	20.0	20.6	
119 4-Isopropyltoluene	119	9.299	9.299	0.000	98	273844	20.0	20.4	
120 1,3-Dichlorobenzene	146	9.329	9.329	0.000	97	136306	20.0	20.7	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	216726	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.384	9.384	0.000	72	136499	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	9.390	9.390	0.000	97	266221	20.0	19.7	
124 Benzyl chloride	91	9.469	9.469	0.000	98	70940	20.0	26.8	
125 2,3-Dihydroindene	117	9.518	9.518	0.000	92	290760	20.0	20.4	
126 p-Diethylbenzene	119	9.524	9.524	0.000	94	165506	20.0	20.8	
127 n-Butylbenzene	92	9.542	9.542	0.000	98	152449	20.0	20.3	
128 1,2-Dichlorobenzene	146	9.622	9.622	0.000	97	145128	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	10.036	10.036	0.000	98	264463	20.0	21.6	
130 1,2-Dibromo-3-Chloropropane	75	10.146	10.146	0.000	91	6336	20.0	15.6	
131 1,3,5-Trichlorobenzene	180	10.250	10.250	0.000	97	118911	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	10.762	10.762	0.000	94	83457	20.0	19.9	
133 Hexachlorobutadiene	225	10.835	10.835	0.000	97	39358	20.0	19.6	
134 Naphthalene	128	11.006	11.006	0.000	99	120722	20.0	15.8	
135 1,2,3-Trichlorobenzene	180	11.231	11.231	0.000	96	43424	20.0	15.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	42.1	
S 138 Total BTEX	1				0		100.0	103.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

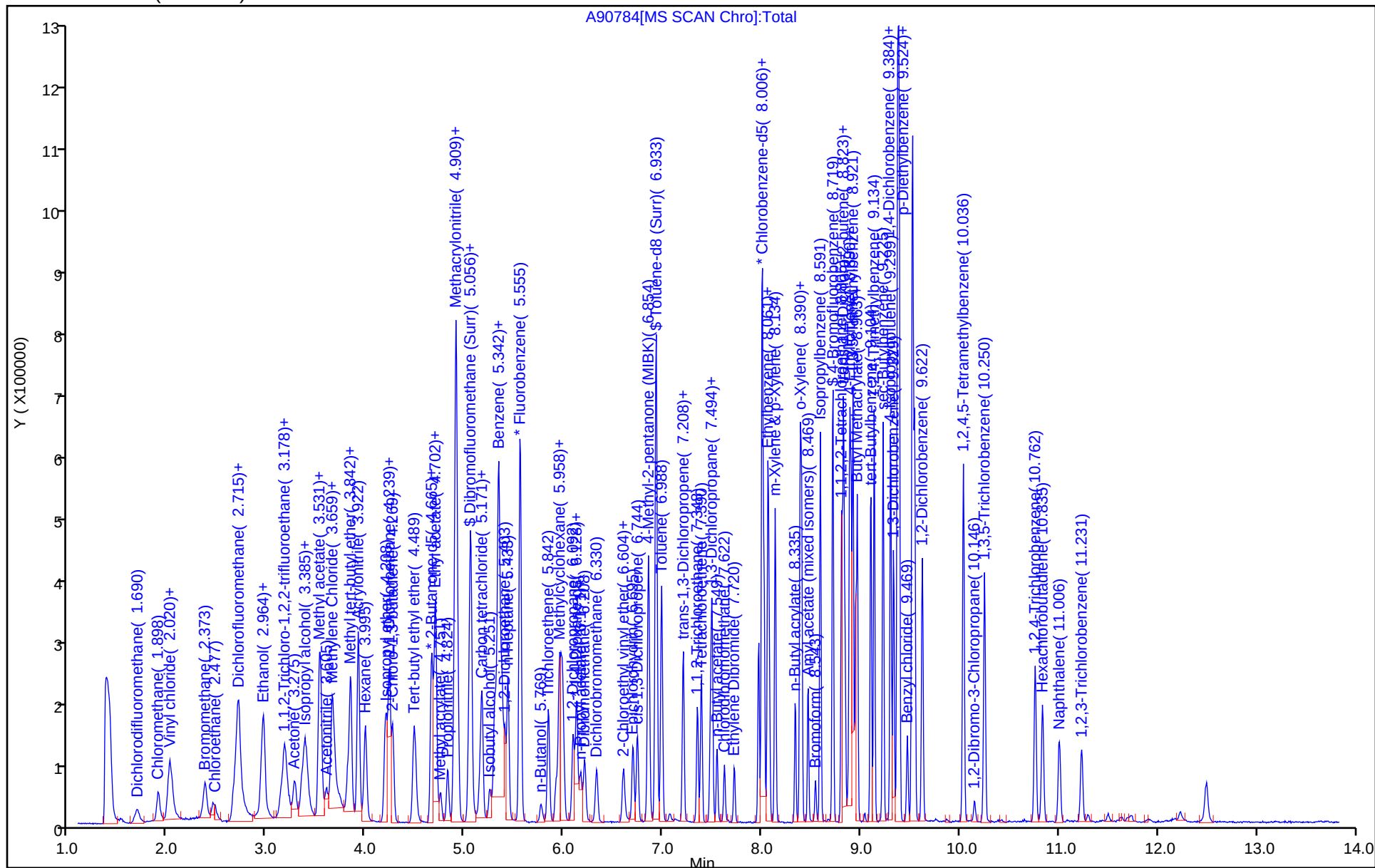
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

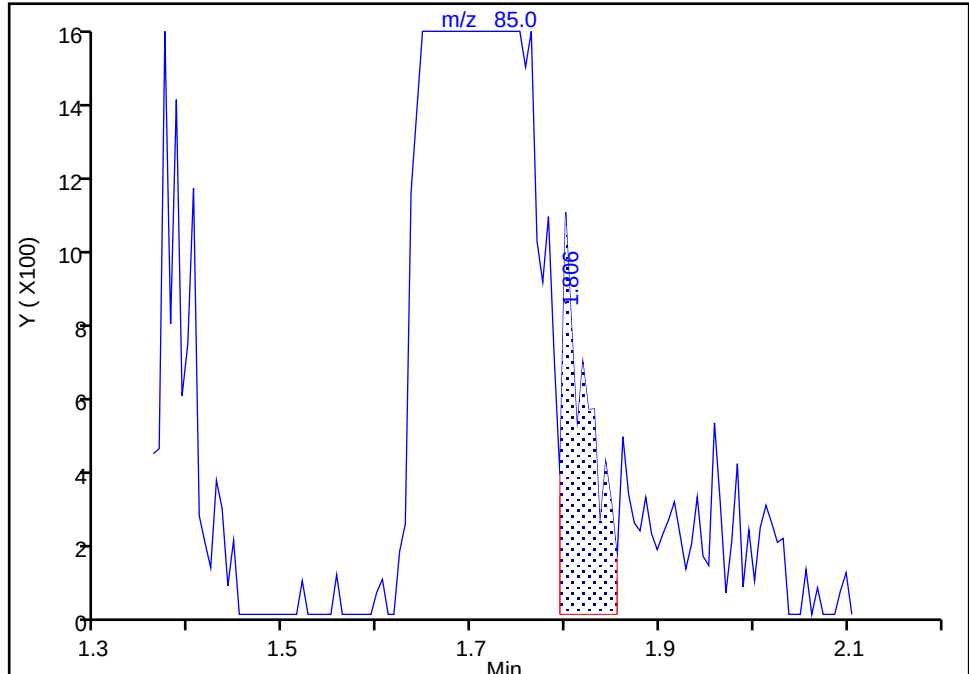
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D
Injection Date: 06-Jul-2020 19:27:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

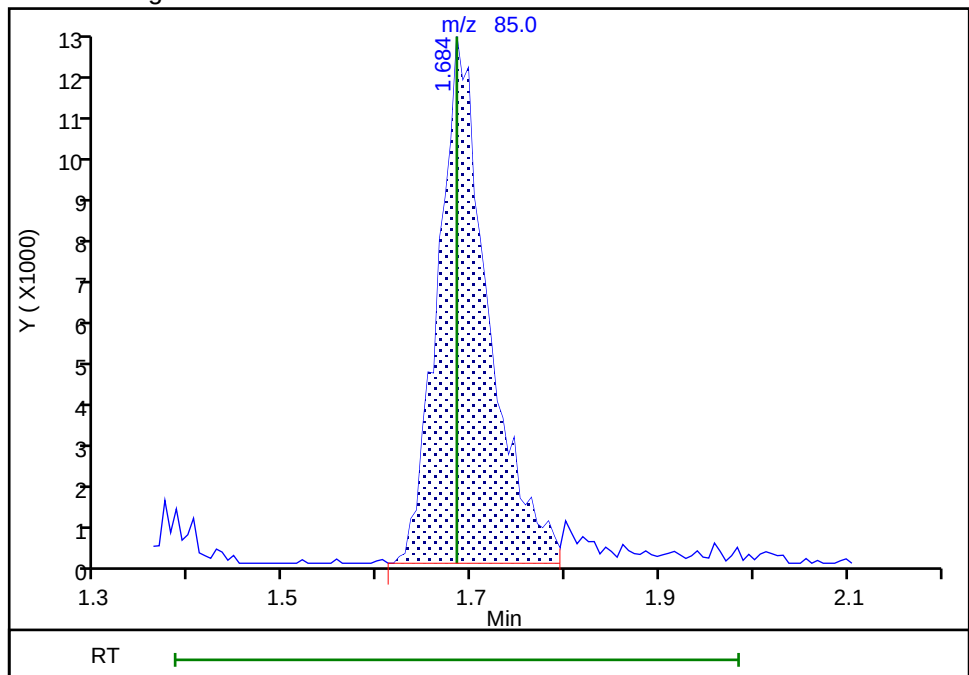
RT: 1.81
Area: 1984
Amount: 0.421813
Amount Units: ug/l

Processing Integration Results



RT: 1.68
Area: 47898
Amount: 10.183464
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 06-Jul-2020 20:16:20
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

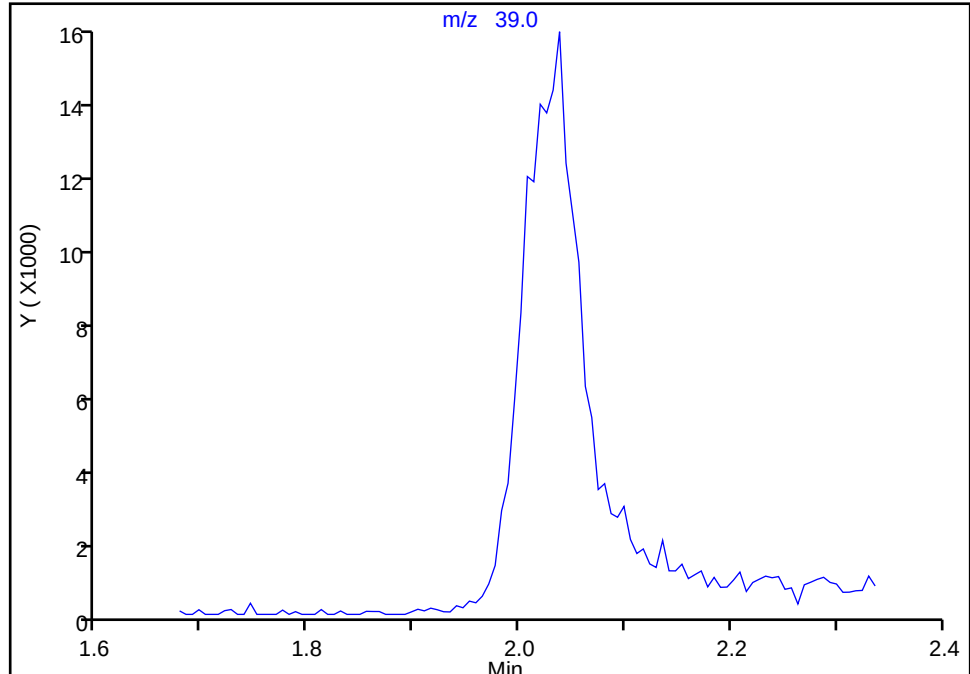
7 Butadiene, CAS: 106-99-0

Signal: 1

Not Detected

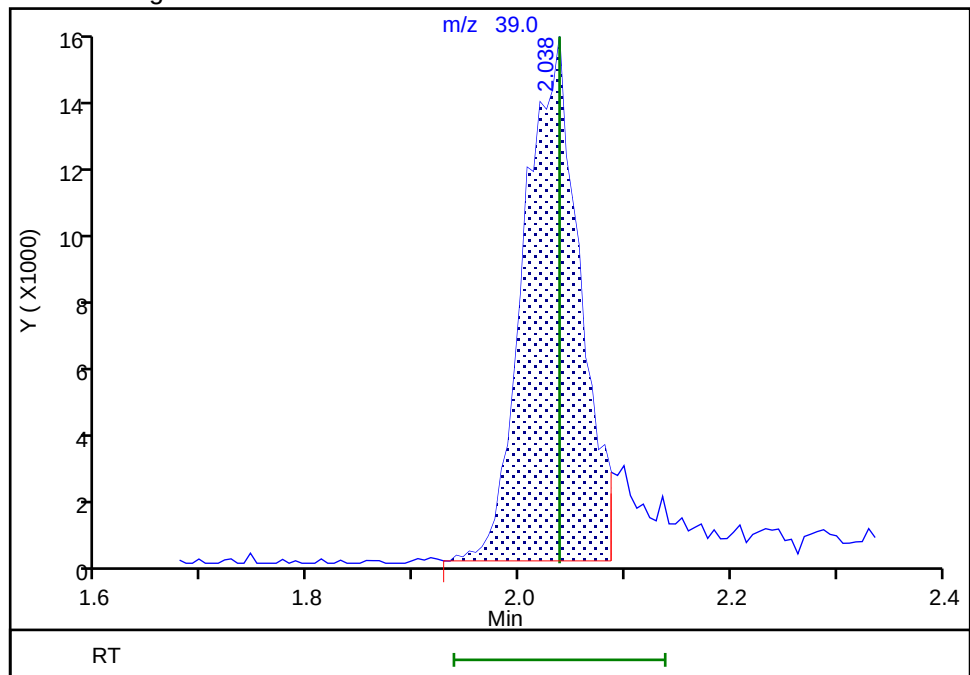
Expected RT: 2.04

Processing Integration Results



RT: 2.04
Area: 55063
Amount: 12.338535
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 06-Jul-2020 20:15:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

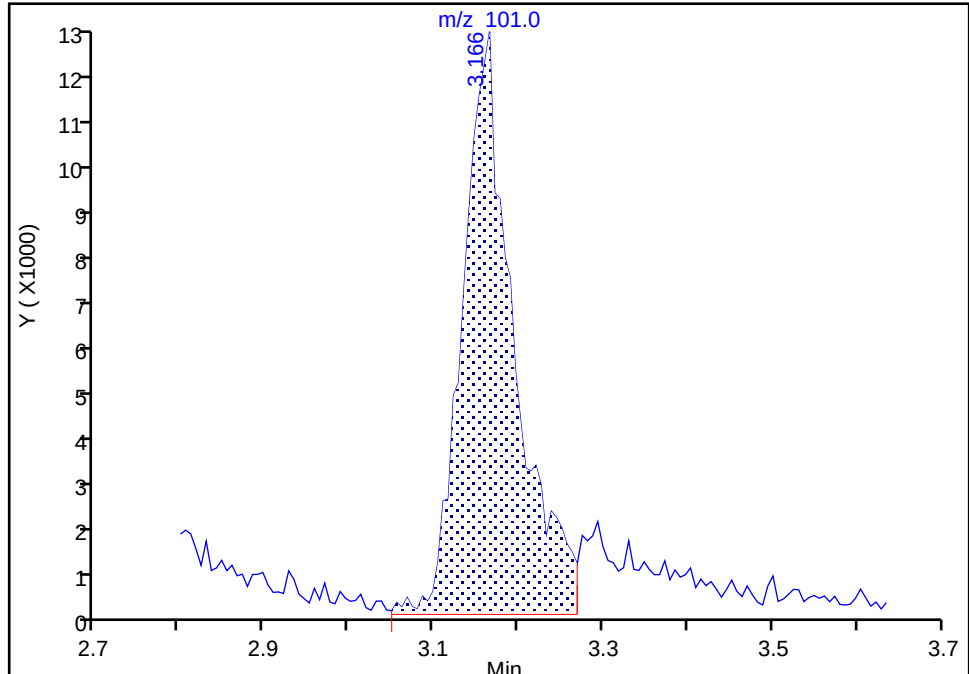
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D
Injection Date: 06-Jul-2020 19:27:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

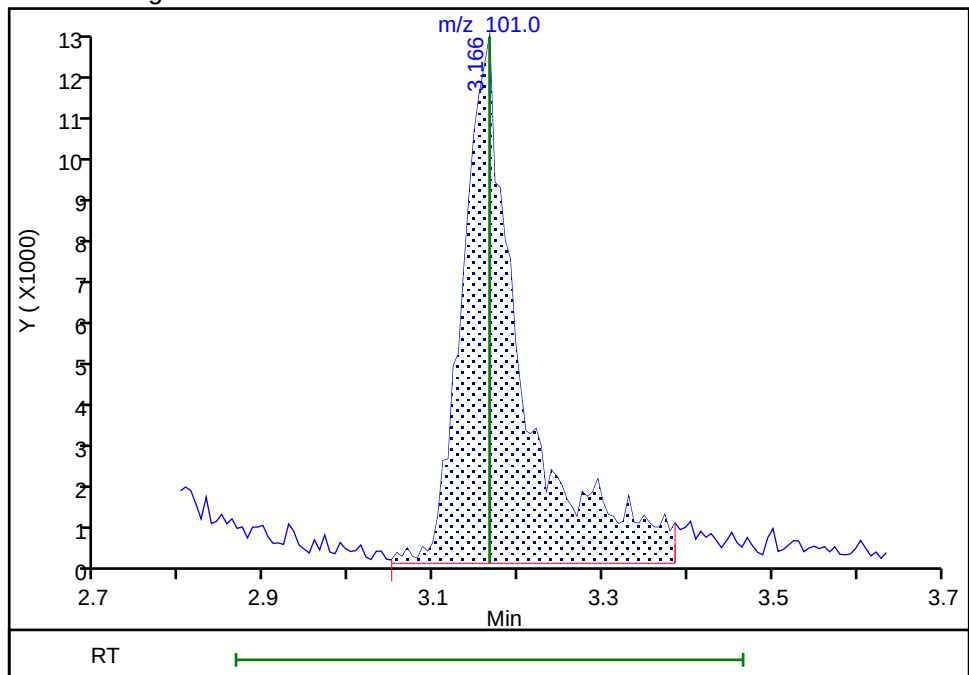
RT: 3.17
Area: 53383
Amount: 15.742888
Amount Units: ug/l

Processing Integration Results



RT: 3.17
Area: 61730
Amount: 18.204456
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 07-Jul-2020 08:46:05

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

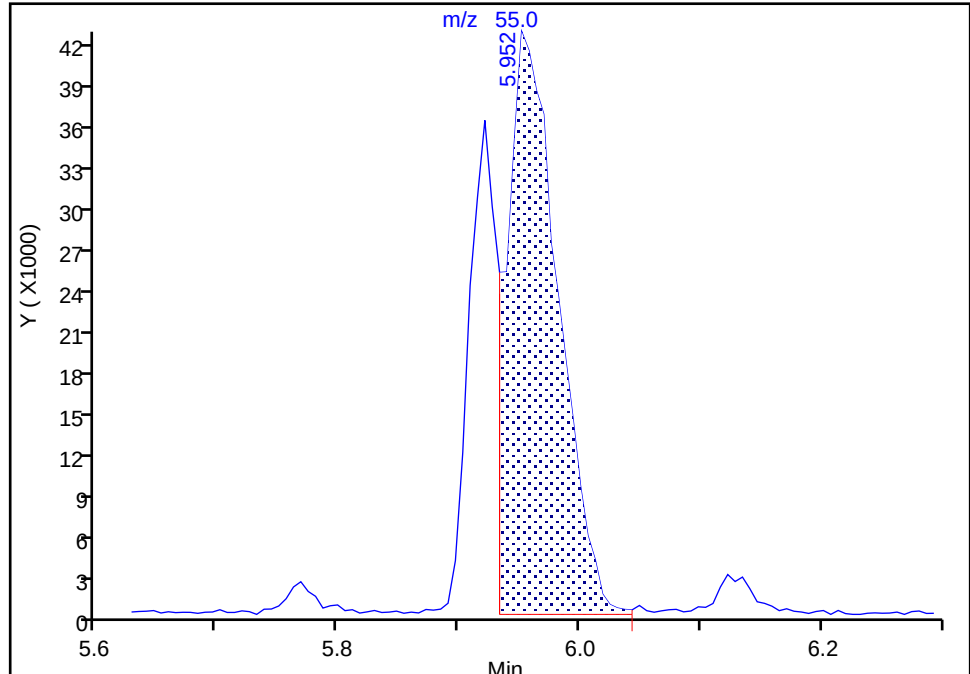
MS SCAN

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

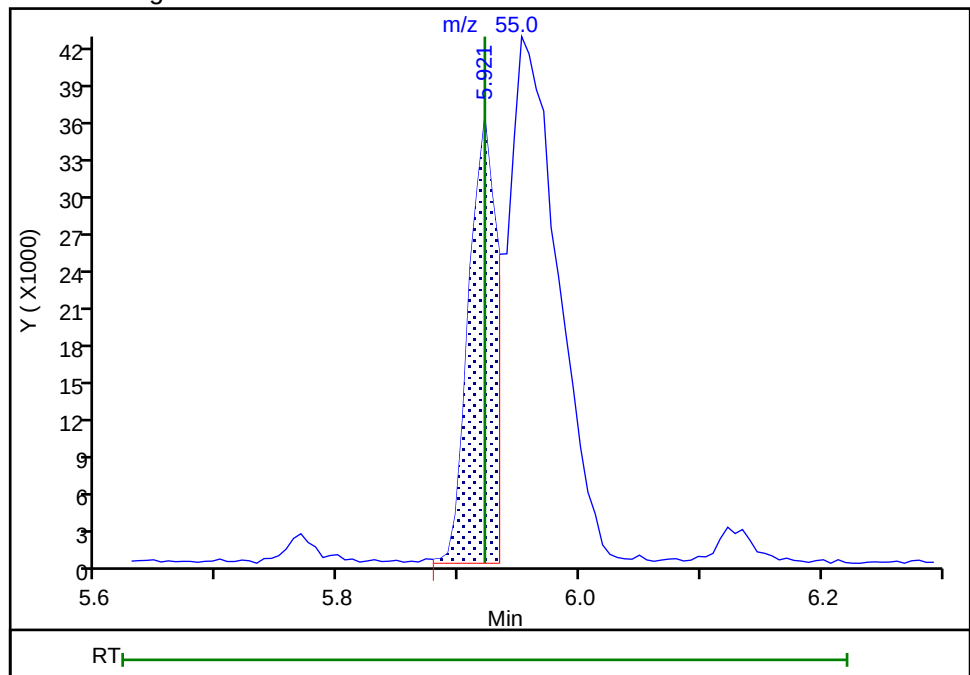
RT: 5.95
Area: 128421
Amount: 40.993993
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 59920
Amount: 19.391071
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 07-Jul-2020 14:26:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

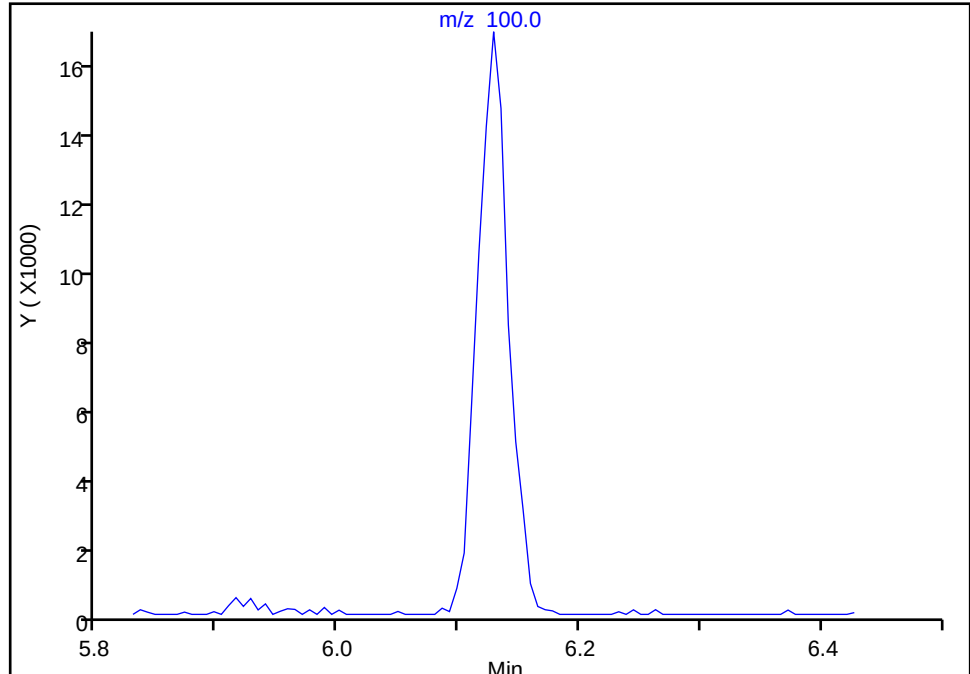
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D
Injection Date: 06-Jul-2020 19:27:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

73 Methyl methacrylate, CAS: 80-62-6

Signal: 1

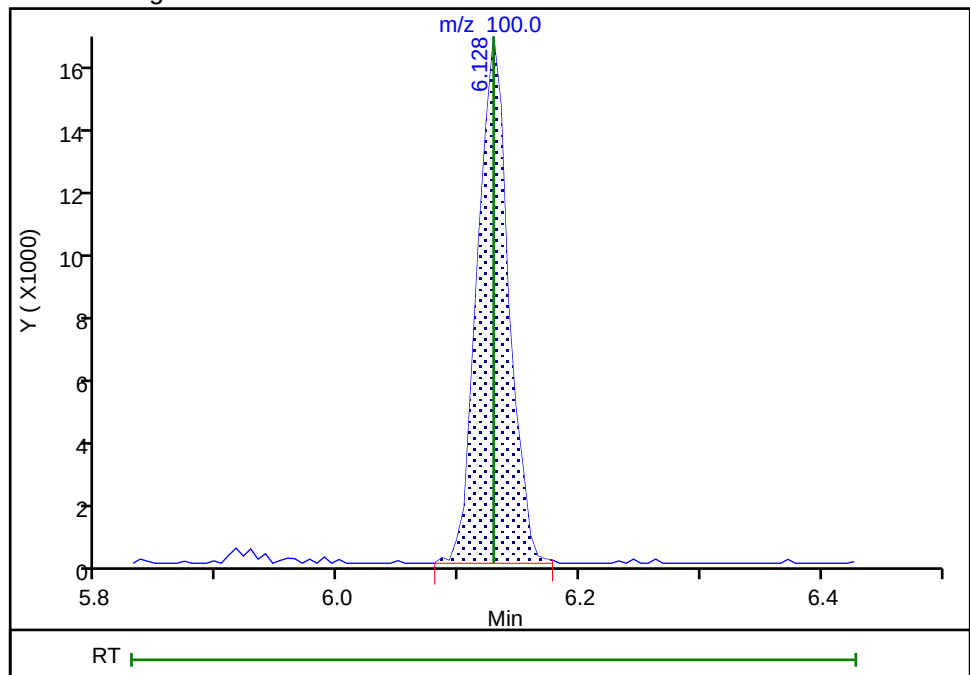
Not Detected
Expected RT: 6.13

Processing Integration Results



RT: 6.13
Area: 29614
Amount: 47.449202
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 06-Jul-2020 20:15:36
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 392 of 684

07/09/2020

Eurofins TestAmerica, Edison

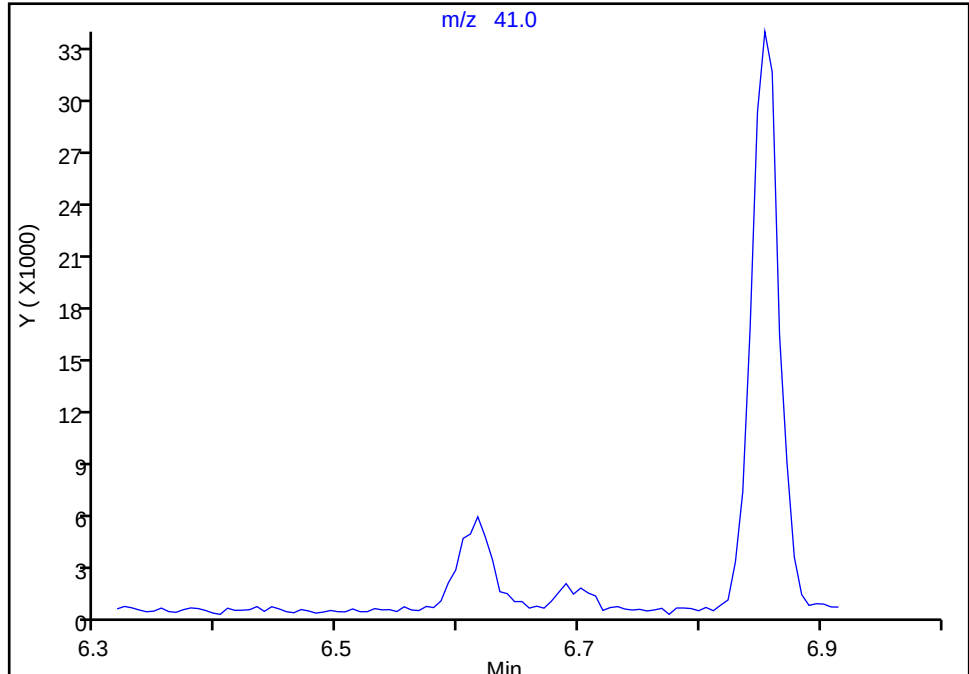
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D
Injection Date: 06-Jul-2020 19:27:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

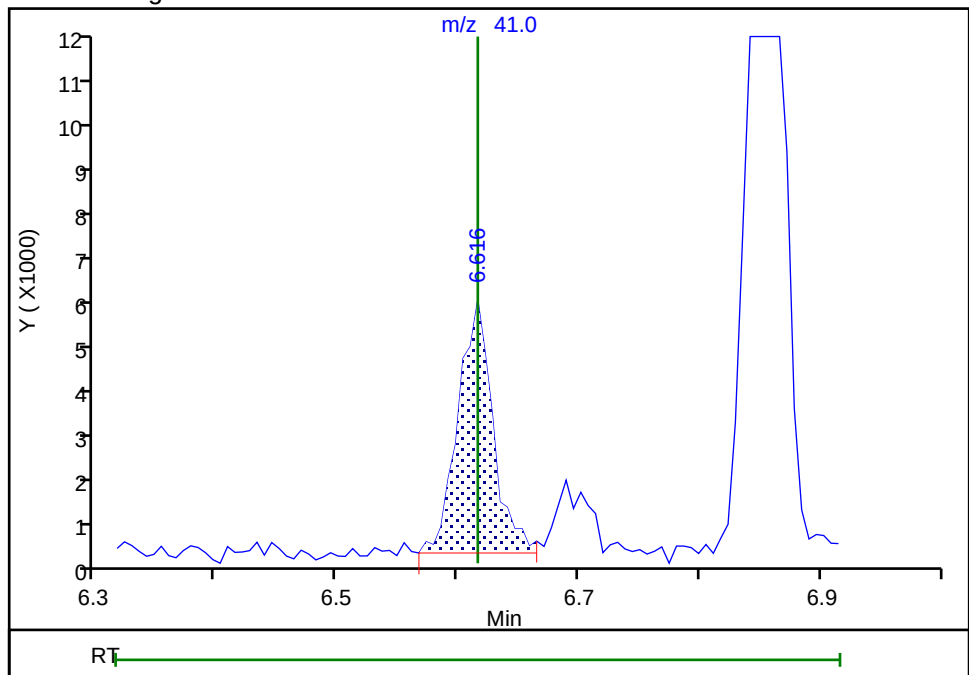
Not Detected
Expected RT: 6.62

Processing Integration Results



RT: 6.62
Area: 10670
Amount: 47.735560
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 07-Jul-2020 14:26:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

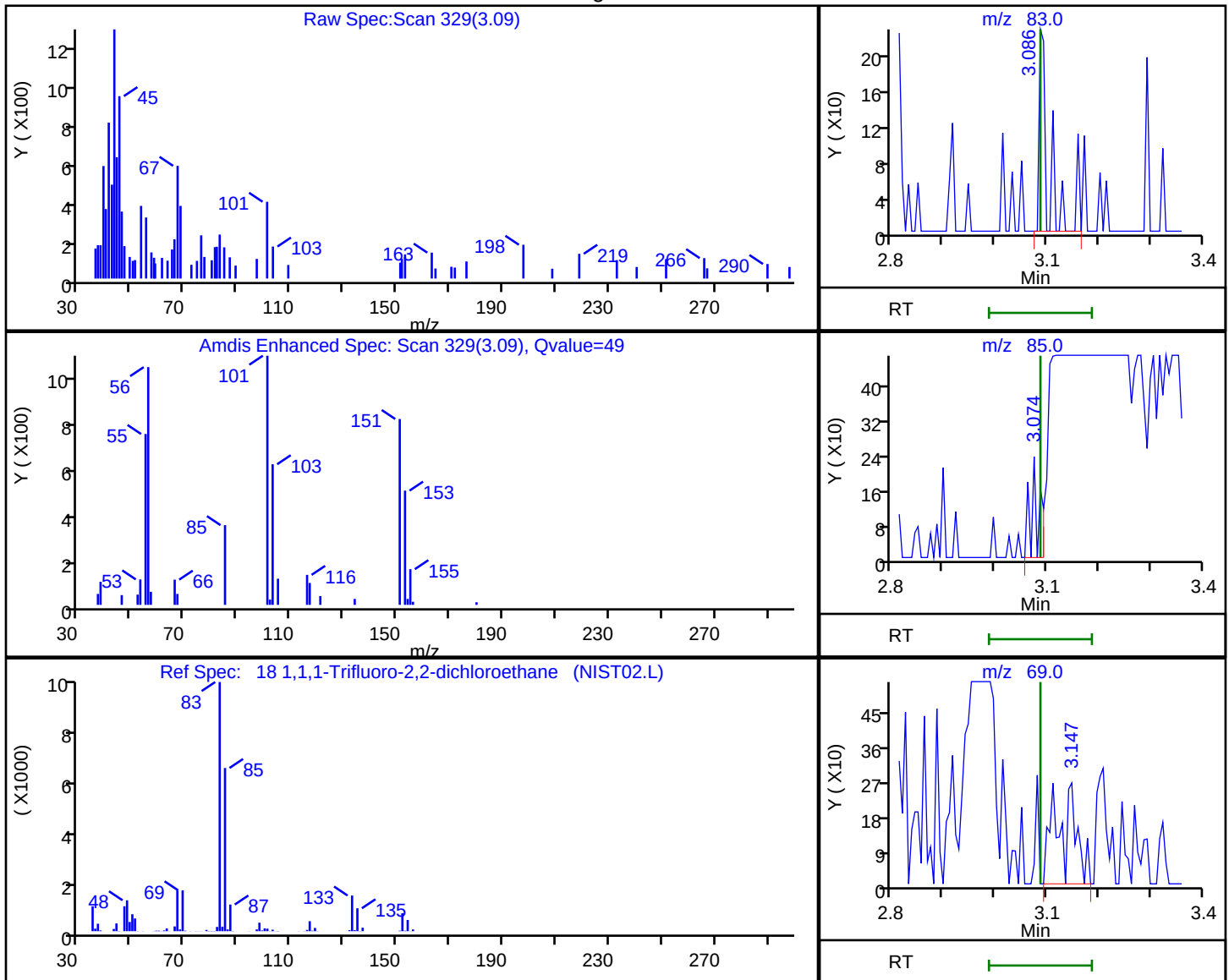
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results



RT	Mass	Response	Amount
3.09	83.00	268	0.052595
3.07	85.00	250	
3.15	69.00	693	
3.07	67.00	1728	

Reviewer: asfawa, 07-Jul-2020 07:53:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

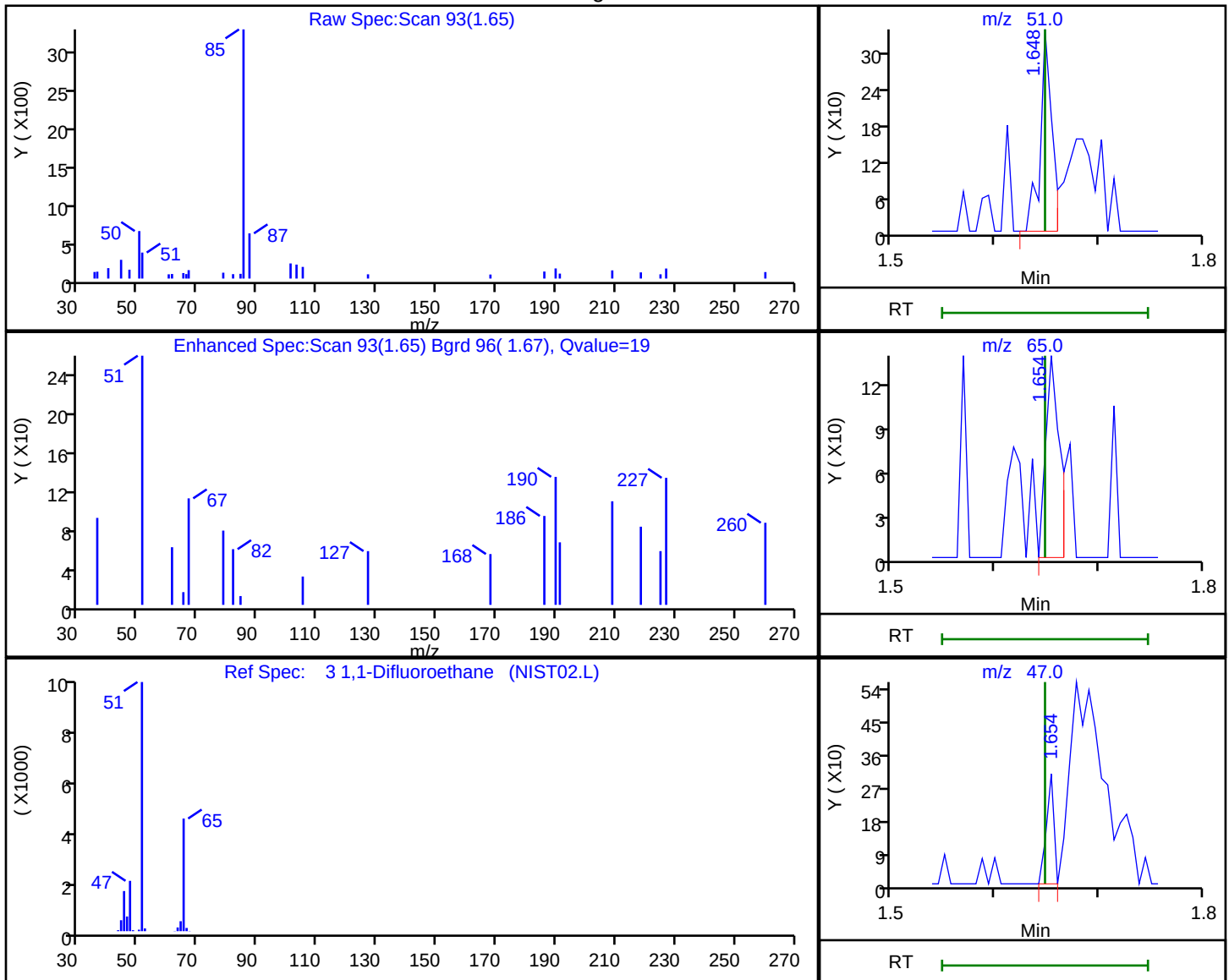
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.65	51.00	267	0.078193
1.65	65.00	129	
1.65	47.00	152	

Reviewer: asfawa, 07-Jul-2020 07:53:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

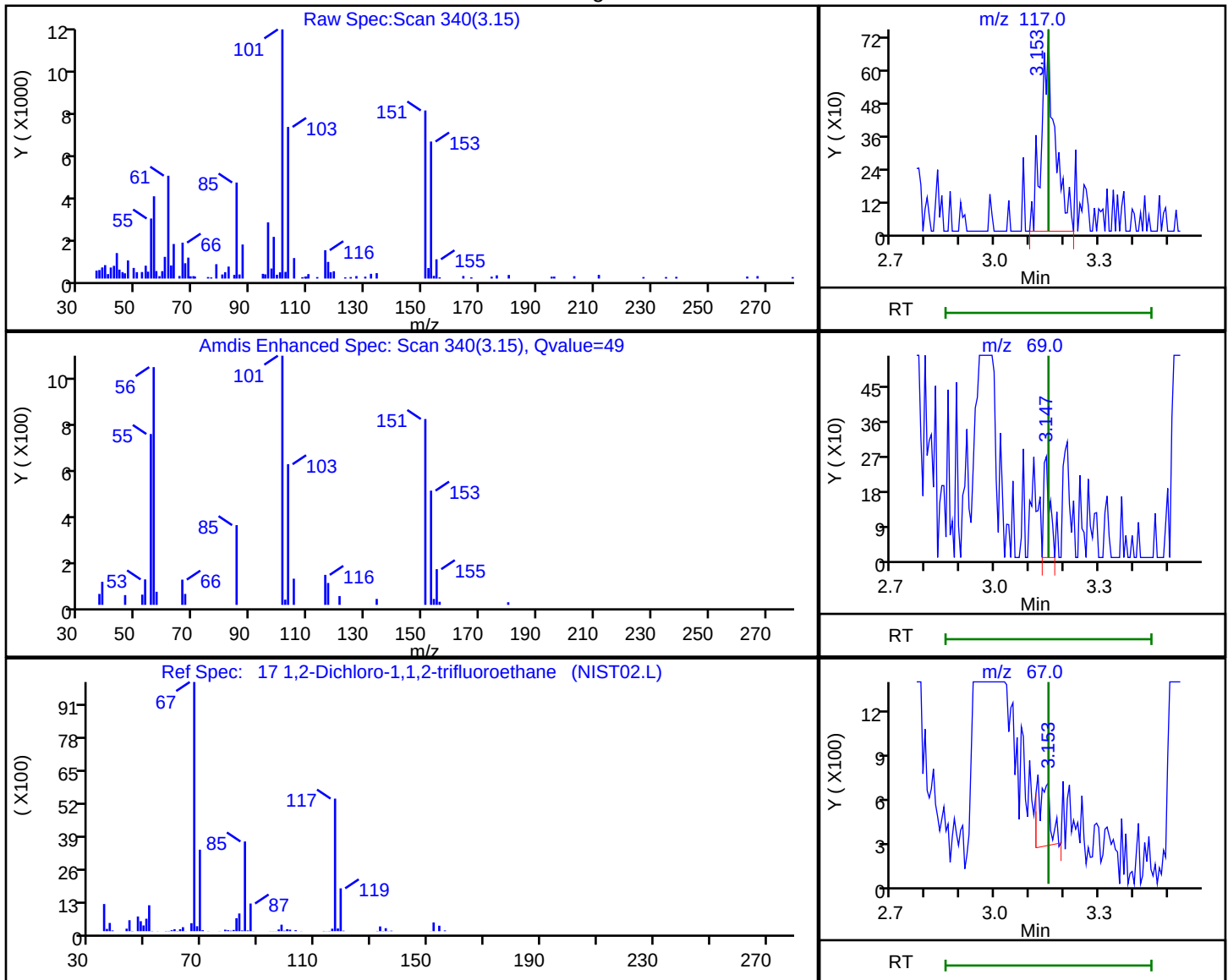
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

17 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
3.15	117.00	2020	0.668690
3.15	69.00	307	
3.15	67.00	1107	
3.14	119.00	2205	

Reviewer: asfawa, 07-Jul-2020 07:53:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

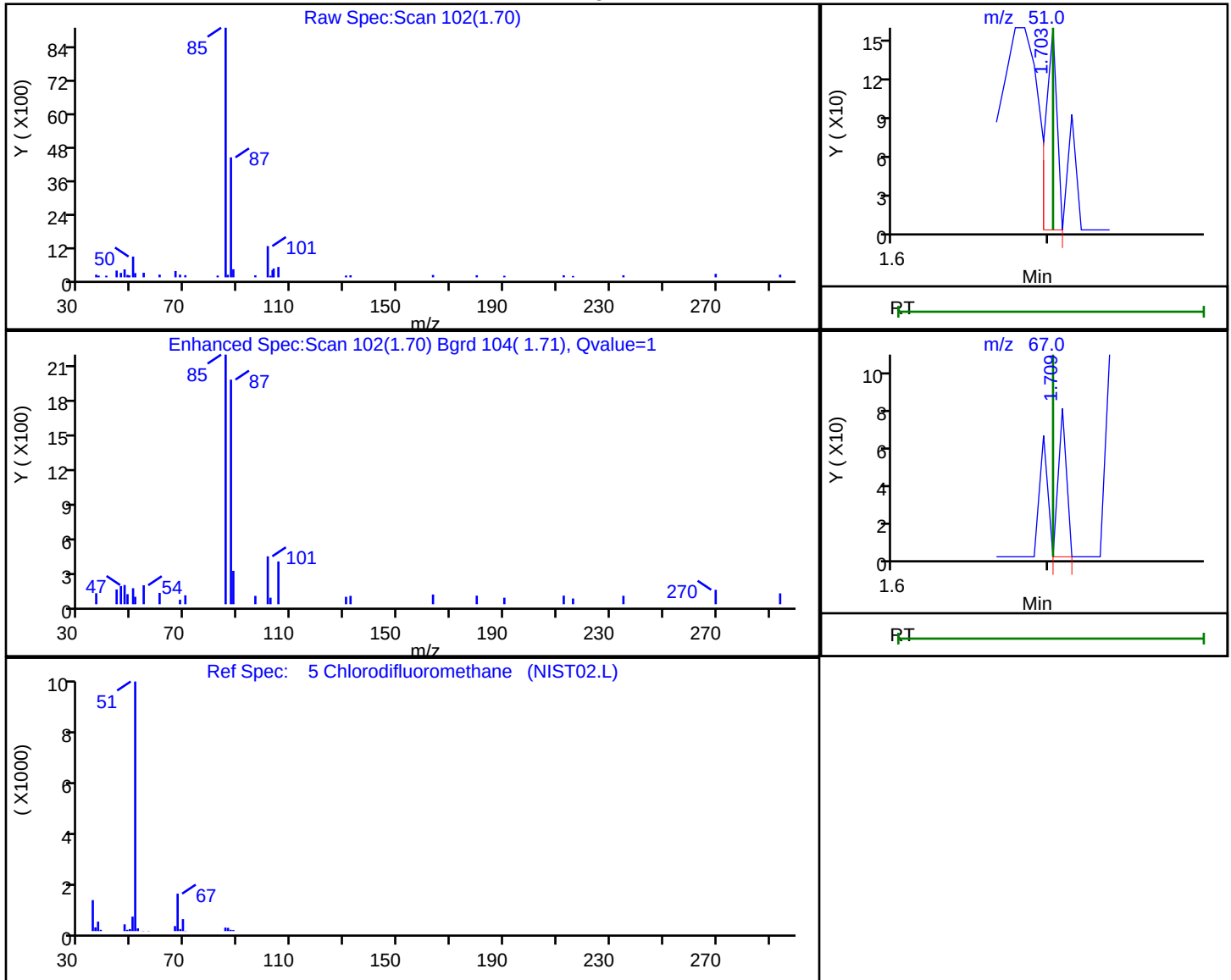
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.70	51.00	80	0.019021
1.71	67.00	28	

Reviewer: asfawa, 07-Jul-2020 07:53:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90784.D

Injection Date: 06-Jul-2020 19:27:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

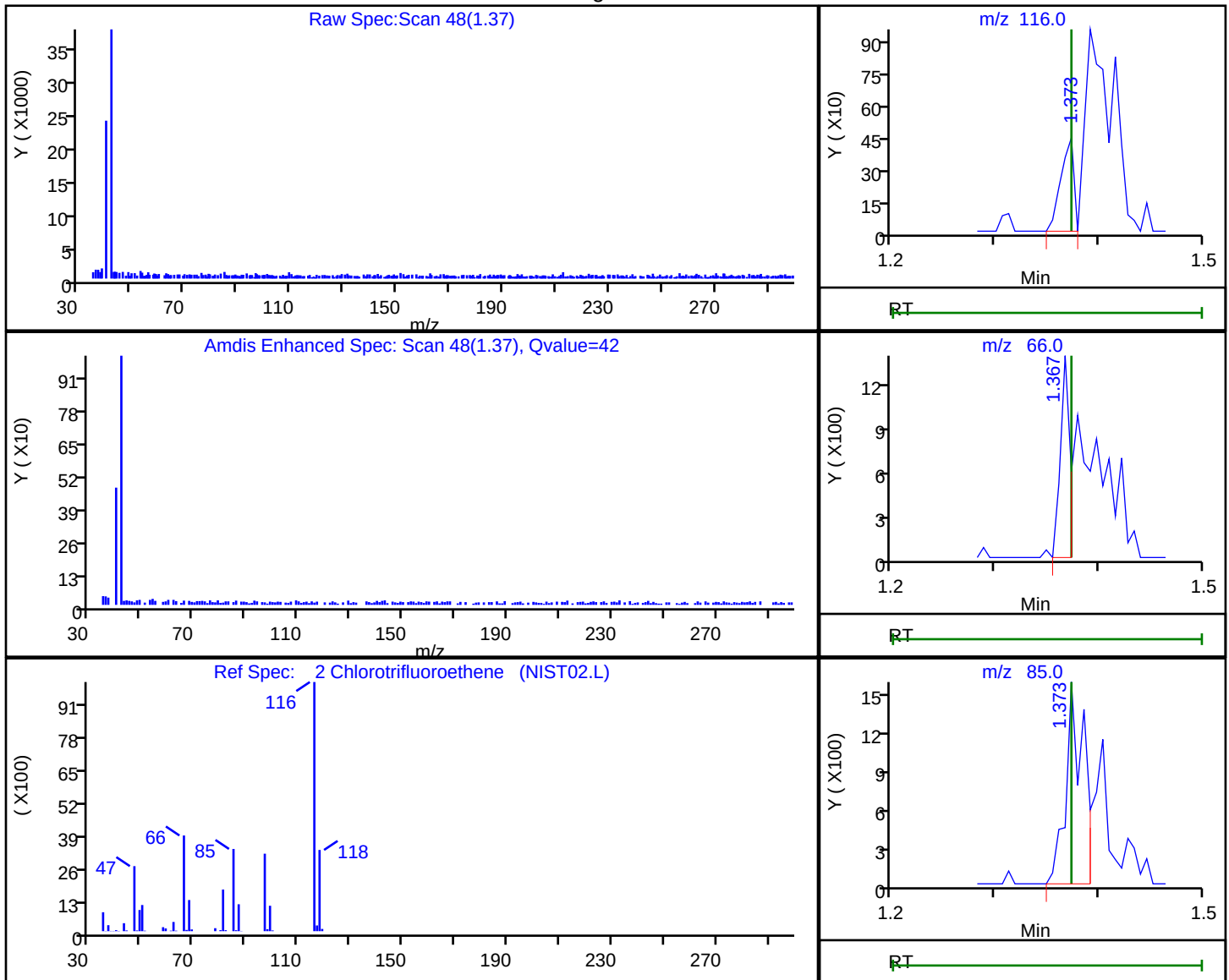
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.37	116.00	383	0.266548
1.37	66.00	872	
1.37	85.00	1878	
1.37	118.00	466	

Reviewer: asfawa, 07-Jul-2020 07:53:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Lab Sample ID: CCVIS 460-706392/3 Calibration Date: 07/07/2020 09:33

Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26

Lab File ID: A90814.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	0.1318	0.0688		10.4	20.0	-47.8*	20.0
1,1-Difluoroethane	Ave	0.3131	0.1996		12.7	20.0	-36.3*	20.0
Dichlorodifluoromethane	Ave	0.4313	0.3536	0.1000	16.4	20.0	-18.0	20.0
Chlorodifluoromethane	Ave	0.3857	0.2386		12.4	20.0	-38.1*	20.0
Chloromethane	Ave	0.5140	0.4104	0.1000	16.0	20.0	-20.2*	20.0
Vinyl chloride	Ave	0.4972	0.4306	0.1000	17.3	20.0	-13.4	20.0
Butadiene	Ave	0.4093	0.3272		16.0	20.0	-20.0	20.0
Bromomethane	Ave	0.3410	0.3168	0.1000	18.6	20.0	-7.1	50.0
Chloroethane	Ave	0.2776	0.2674	0.1000	19.3	20.0	-3.7	50.0
Dichlorofluoromethane	Ave	0.6095	0.5759		18.9	20.0	-5.5	20.0
Trichlorofluoromethane	Ave	0.4533	0.4457	0.1000	19.7	20.0	-1.7	20.0
Pentane	Ave	2.371	2.343		39.5	40.0	-1.2	20.0
Ethyl ether	Ave	0.2438	0.1898		15.6	20.0	-22.2*	20.0
Ethanol	Ave	0.0775	0.0664		686	800	-14.3	50.0
2-Methyl-1,3-butadiene	Ave	0.2809	0.2096		14.9	20.0	-25.4*	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2770	0.2104		15.2	20.0	-24.1*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4673	0.3947		16.9	20.0	-15.5	20.0
Acrolein	QuaF		1.296		99.2	40.0	148.1*	50.0
Freon TF	Ave	0.3110	0.2835	0.1000	18.2	20.0	-8.8	20.0
1,1-Dichloroethene	Ave	0.2945	0.2479	0.1000	16.8	20.0	-15.8	20.0
Acetone	Ave	0.3201	0.2492	0.0500	77.8	100	-22.2	50.0
Iodomethane	Ave	0.5371	0.4991		18.6	20.0	-7.1	20.0
Carbon disulfide	Ave	1.152	0.9717	0.1000	16.9	20.0	-15.7	50.0
Isopropyl alcohol	QuaF		0.6787		199	200	-0.6	50.0
Allyl chloride	Ave	0.2097	0.1705		16.3	20.0	-18.7	20.0
Methyl acetate	Ave	0.2036	0.1675	0.1000	32.9	40.0	-17.7	20.0
Cyclopentene	Ave	0.7782	0.6718		17.3	20.0	-13.7	20.0
Acetonitrile	Ave	1.569	1.493		190	200	-4.8	20.0
Methylene Chloride	Ave	0.3588	0.3121	0.1000	17.4	20.0	-13.0	20.0
2-Methyl-2-propanol	Ave	0.9607	0.8447		176	200	-12.1	50.0
MTBE	Ave	0.6758	0.6228	0.1000	18.4	20.0	-7.8	20.0
trans-1,2-Dichloroethene	Ave	0.3082	0.2722	0.1000	17.7	20.0	-11.7	20.0
Acrylonitrile	Ave	0.1133	0.0960		169	200	-15.3	20.0
Hexane	Ave	0.2389	0.2030		17.0	20.0	-15.0	20.0
Isopropyl ether	Ave	0.9001	0.7240		16.1	20.0	-19.6	20.0
1,1-Dichloroethane	Ave	0.5073	0.4320	0.2000	17.0	20.0	-14.8	20.0
Vinyl acetate	Ave	1.666	1.768		42.4	40.0	6.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2493	0.2406		19.3	20.0	-3.5	20.0
Tert-butyl ethyl ether	Ave	0.7127	0.6590		18.5	20.0	-7.5	20.0
2,2-Dichloropropane	Ave	0.0708	0.0643		18.1	20.0	-9.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706392/3 Calibration Date: 07/07/2020 09:33
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90814.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
cis-1,2-Dichloroethene	Ave	0.3230	0.2932	0.1000	18.2	20.0	-9.2	20.0
2-Butanone	Ave	0.3061	0.3126	0.0500	102	100	2.1	50.0
Ethyl acetate	Ave	0.2421	0.2504		41.4	40.0	3.4	20.0
Methyl acrylate	Ave	0.2028	0.1928		19.0	20.0	-4.9	20.0
Propionitrile	Ave	1.697	1.780		210	200	4.8	20.0
Bromochloromethane	Ave	0.1530	0.1491		19.5	20.0	-2.5	20.0
Tetrahydrofuran	Ave	0.3428	0.3489		40.7	40.0	1.8	20.0
Methacrylonitrile	Ave	0.1120	0.1032		184	200	-7.9	20.0
Chloroform	Ave	0.4571	0.4273	0.2000	18.7	20.0	-6.5	20.0
Cyclohexane	Ave	0.5226	0.4693	0.1000	18.0	20.0	-10.2	50.0
1,1,1-Trichloroethane	Ave	0.3327	0.3115	0.1000	18.7	20.0	-6.4	20.0
Carbon tetrachloride	Qua2		0.2092	0.1000	22.4	20.0	12.0	20.0
1,1-Dichloropropene	Ave	0.3620	0.3418		18.9	20.0	-5.6	20.0
Isobutyl alcohol	QuaF		0.2329		524	500	4.8	20.0
2,2,4-Trimethylpentane	Ave	0.9241	0.8488		18.4	20.0	-8.2	20.0
Benzene	Ave	1.545	1.412	0.5000	18.3	20.0	-8.6	20.0
Isopropyl acetate	Ave	0.6543	0.5585		17.1	20.0	-14.6	20.0
Tert-amyl methyl ether	Ave	0.2157	0.2158		20.0	20.0	0.0	20.0
1,2-Dichloroethane	Ave	0.3188	0.2812	0.1000	17.6	20.0	-11.8	20.0
n-Heptane	Ave	0.3398	0.2725		16.0	20.0	-19.8	20.0
n-Butanol	QuaF		0.1576		579	500	15.8	50.0
Trichloroethene	Ave	0.2730	0.2439	0.2000	17.9	20.0	-10.7	20.0
Ethyl acrylate	QuaF		0.2501		17.7	20.0	-11.7	20.0
Methylcyclohexane	Ave	0.5062	0.5085	0.1000	20.1	20.0	0.4	50.0
1,2-Dichloropropane	Ave	0.2768	0.2351	0.1000	17.0	20.0	-15.1	20.0
Methyl methacrylate	Ave	0.0572	0.0550		38.4	40.0	-3.9	20.0
n-Propyl acetate	Ave	0.2867	0.2284		15.9	20.0	-20.3*	20.0
1,4-Dioxane	Ave	1.071	1.042		389	400	-2.8	50.0
Dibromomethane	Ave	0.1621	0.1418		17.5	20.0	-12.5	20.0
Bromodichloromethane	Ave	0.2595	0.2378	0.2000	18.3	20.0	-8.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1592	0.1336		16.8	20.0	-16.1	20.0
2-Nitropropane	Qua2		0.0227		44.2	40.0	10.5	20.0
Epichlorohydrin	Ave	0.2020	0.2186		433	400	8.2	20.0
cis-1,3-Dichloropropene	Ave	0.4620	0.4224	0.2000	18.3	20.0	-8.6	50.0
4-Methyl-2-pentanone	Ave	2.228	2.275	0.0500	102	100	2.1	50.0
Toluene	Ave	1.527	1.422	0.4000	18.6	20.0	-6.8	20.0
Ethyl methacrylate	QuaF		0.2461		16.5	20.0	-17.5	20.0
trans-1,3-Dichloropropene	Ave	0.3362	0.3452	0.1000	20.5	20.0	2.7	50.0
1,1,2-Trichloroethane	Ave	0.2609	0.2367	0.1000	18.1	20.0	-9.3	20.0
Tetrachloroethene	Ave	0.3588	0.3343	0.2000	18.6	20.0	-6.8	20.0
1,3-Dichloropropane	Ave	0.5376	0.4932		18.3	20.0	-8.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Lab Sample ID: CCVIS 460-706392/3 Calibration Date: 07/07/2020 09:33

Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26

Lab File ID: A90814.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.429	1.372	0.0500	96.0	100	-4.0	50.0
n-Butyl acetate	QuaF		0.0725		17.8	20.0	-10.8	20.0
Dibromochloromethane	Ave	0.2141	0.2105	0.1000	19.7	20.0	-1.7	50.0
1,2-Dibromoethane	Ave	0.2702	0.2648	0.1000	19.6	20.0	-2.0	20.0
Chlorobenzene	Ave	0.9454	0.9048	0.5000	19.1	20.0	-4.3	20.0
Ethylbenzene	Ave	0.5566	0.5077	0.1000	18.2	20.0	-8.8	20.0
1,1,1,2-Tetrachloroethane	Qua2		0.2470		22.6	20.0	13.0	20.0
m&p-Xylene	Ave	0.6718	0.6187	0.1000	18.4	20.0	-7.9	20.0
n-Butyl acrylate	QuaF		0.1721		16.0	20.0	-19.9	20.0
o-Xylene	Ave	0.6839	0.6453	0.3000	18.9	20.0	-5.6	20.0
Styrene	Ave	1.052	1.014	0.3000	19.3	20.0	-3.6	20.0
Amyl acetate (mixed isomers)	QuaF		0.7028		13.2	20.0	-34.0*	20.0
Bromoform	Qua2		0.1160	0.1000	21.7	20.0	8.3	20.0
Isopropylbenzene	Ave	1.802	1.657	0.1000	18.4	20.0	-8.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7811	0.6625	0.3000	17.0	20.0	-15.2	20.0
Bromobenzene	Ave	0.7630	0.7004		18.4	20.0	-8.2	20.0
N-Propylbenzene	Ave	3.908	3.524		18.0	20.0	-9.8	20.0
1,2,3-Trichloropropane	Ave	0.2294	0.2042		17.8	20.0	-11.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1866	0.1417		15.2	20.0	-24.1*	20.0
4-Ethyltoluene	Ave	3.308	2.837		17.2	20.0	-14.2	20.0
2-Chlorotoluene	Ave	2.837	2.545		17.9	20.0	-10.3	20.0
1,3,5-Trimethylbenzene	Ave	2.829	2.519		17.8	20.0	-11.0	20.0
Butyl Methacrylate	QuaF		0.6541		13.9	20.0	-30.4*	20.0
4-Chlorotoluene	Ave	2.184	1.979		18.1	20.0	-9.4	20.0
tert-Butylbenzene	Ave	2.168	2.006		18.5	20.0	-7.5	20.0
1,2,4-Trimethylbenzene	Ave	2.894	2.582		17.8	20.0	-10.8	20.0
sec-Butylbenzene	Ave	3.627	3.321		18.3	20.0	-8.4	20.0
4-Isopropyltoluene	Ave	3.092	2.868		18.6	20.0	-7.2	20.0
1,3-Dichlorobenzene	Ave	1.516	1.388	0.6000	18.3	20.0	-8.4	20.0
1,2,3-Trimethylbenzene	Ave	3.110	2.761		17.8	20.0	-11.2	20.0
1,4-Dichlorobenzene	Ave	1.539	1.409	0.5000	18.3	20.0	-8.4	20.0
Benzyl chloride	Qua2		0.6488		21.5	20.0	7.5	50.0
Indan	Ave	3.283	2.905		17.7	20.0	-11.5	20.0
p-Diethylbenzene	Ave	1.838	1.688		18.4	20.0	-8.1	20.0
n-Butylbenzene	Ave	1.736	1.576		18.1	20.0	-9.3	20.0
1,2-Dichlorobenzene	Ave	1.581	1.480	0.4000	18.7	20.0	-6.4	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.823	2.686		19.0	20.0	-4.9	20.0
1,2-Dibromo-3-Chloropropane	QuaF		0.0634	0.0500	13.6	20.0	-32.2	50.0
1,3,5-Trichlorobenzene	Ave	1.247	1.199		19.2	20.0	-3.8	20.0
1,2,4-Trichlorobenzene	Ave	0.9698	0.7976	0.2000	16.4	20.0	-17.8	20.0
Hexachlorobutadiene	Ave	0.4625	0.3870		16.7	20.0	-16.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706392/3 Calibration Date: 07/07/2020 09:33
 Instrument ID: CVOAMS1 Calib Start Date: 06/11/2020 02:04
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 06/11/2020 04:26
 Lab File ID: A90814.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
Naphthalene	Ave	1.767	1.137		12.9	20.0	-35.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6290	0.4324		13.7	20.0	-31.3*	20.0
Monochloropentafluoroethane	Ave	0.0311			0.550	20.0		
Dibromofluoromethane (Surr)	Ave	0.2328	0.2279		48.9	50.0	-2.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2659	0.2420		45.5	50.0	-9.0	20.0
Toluene-d8 (Surr)	Ave	1.263	1.262		50.0	50.0	-0.0	20.0
Bromofluorobenzene	Ave	0.3657	0.3752		51.3	50.0	2.6	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Jul-2020 09:33:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0112826-003
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Sublist: chrom-8260624W_1*sub50
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:49:01 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: asfawa

Date: 08-Jul-2020 07:54:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.648	1.648	0.000	53	15432	20.0	10.4	Ma
3 1,1-Difluoroethane	51	1.660	1.660	0.000	97	44736	20.0	12.7	Ma
4 Dichlorodifluoromethane	85	1.696	1.696	0.000	99	79278	20.0	16.4	
5 Chlorodifluoromethane	51	1.715	1.715	0.000	97	53492	20.0	12.4	
6 Chloromethane	50	1.904	1.904	0.000	99	91993	20.0	16.0	
8 Vinyl chloride	62	2.019	2.019	0.000	98	96533	20.0	17.3	
7 Butadiene	39	2.025	2.025	0.000	91	73358	20.0	16.0	a
9 Bromomethane	94	2.379	2.379	0.000	98	71030	20.0	18.6	
10 Chloroethane	64	2.471	2.471	0.000	99	59954	20.0	19.3	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	98	129113	20.0	18.9	
12 Trichlorofluoromethane	101	2.702	2.702	0.000	76	99907	20.0	19.7	
13 Pentane	72	2.720	2.720	0.000	97	19933	40.0	39.5	
14 Ethyl ether	59	2.946	2.946	0.000	93	42546	20.0	15.6	
15 Ethanol	46	2.958	2.958	0.000	65	11301	800.0	685.6	
16 2-Methyl-1,3-butadiene	53	2.970	2.970	0.000	94	46990	20.0	14.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.013	3.013	0.000	70	47165	20.0	15.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.092	3.092	0.000	90	88488	20.0	16.9	a
19 Acrolein	56	3.147	3.147	0.000	80	11026	40.0	99.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.159	3.159	0.000	86	63545	20.0	18.2	
21 1,1-Dichloroethene	96	3.178	3.178	0.000	97	55584	20.0	16.8	
22 Acetone	58	3.287	3.287	0.000	88	25179	100.0	77.8	
23 Iodomethane	142	3.361	3.361	0.000	96	111893	20.0	18.6	
24 Carbon disulfide	76	3.391	3.391	0.000	98	217840	20.0	16.9	
25 Isopropyl alcohol	45	3.397	3.397	0.000	35	28864	200.0	198.9	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	95	38216	20.0	16.3	
27 Methyl acetate	43	3.543	3.543	0.000	71	75084	40.0	32.9	
28 Cyclopentene	67	3.550	3.550	0.000	93	150613	20.0	17.3	
29 Acetonitrile	41	3.604	3.604	0.000	99	63501	200.0	190.3	
30 Methylene Chloride	84	3.665	3.665	0.000	86	69957	20.0	17.4	
* 31 TBA-d9 (IS)	65	3.678	3.678	0.000	85	212655	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	92	35927	200.0	175.9	
33 Methyl tert-butyl ether	73	3.830	3.830	0.000	97	139616	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.848	3.848	0.000	92	61019	20.0	17.7	
35 Acrylonitrile	53	3.928	3.928	0.000	96	215288	200.0	169.5	
36 Hexane	43	3.995	3.995	0.000	90	45503	20.0	17.0	
37 Isopropyl ether	45	4.202	4.202	0.000	98	162304	20.0	16.1	
38 1,1-Dichloroethane	63	4.232	4.232	0.000	99	96853	20.0	17.0	
39 Vinyl acetate	86	4.238	4.238	0.000	100	15039	40.0	42.4	
40 2-Chloro-1,3-butadiene	88	4.275	4.275	0.000	87	53948	20.0	19.3	
41 Tert-butyl ethyl ether	59	4.488	4.488	0.000	91	147726	20.0	18.5	
* 42 2-Butanone-d5	46	4.665	4.665	0.000	92	252630	250.0	250.0	
43 2,2-Dichloropropane	97	4.690	4.690	0.000	61	14405	20.0	18.1	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	98	65731	20.0	18.2	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	97	31584	100.0	102.1	
45 Ethyl acetate	70	4.714	4.714	0.000	94	10121	40.0	41.4	
47 Methyl acrylate	55	4.757	4.757	0.000	99	43226	20.0	19.0	
48 Propionitrile	54	4.830	4.830	0.000	99	75688	200.0	209.7	
50 Tetrahydrofuran	72	4.897	4.897	0.000	66	14101	40.0	40.7	
49 Chlorobromomethane	128	4.897	4.897	0.000	74	33434	20.0	19.5	
51 Methacrylonitrile	67	4.909	4.909	0.000	89	231245	200.0	184.3	
52 Chloroform	83	4.933	4.933	0.000	99	95792	20.0	18.7	
53 Cyclohexane	56	5.049	5.049	0.000	77	105200	20.0	18.0	
55 1,1,1-Trichloroethane	97	5.055	5.055	0.000	63	69828	20.0	18.7	
\$ 54 Dibromofluoromethane (Surr)	113	5.061	5.061	0.000	98	127719	50.0	48.9	
56 Carbon tetrachloride	117	5.159	5.159	0.000	97	46898	20.0	22.4	
57 1,1-Dichloropropene	75	5.177	5.177	0.000	99	76632	20.0	18.9	
58 Isobutyl alcohol	43	5.257	5.257	0.000	89	24758	500.0	524.0	
59 Isooctane	57	5.305	5.305	0.000	95	190281	20.0	18.4	
60 Benzene	78	5.336	5.336	0.000	95	225235	20.0	18.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	94	135651	50.0	45.5	
62 Isopropyl acetate	43	5.360	5.360	0.000	97	125200	20.0	17.1	
63 Tert-amyl methyl ether	87	5.372	5.372	0.000	94	48377	20.0	20.0	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	96	63039	20.0	17.6	
65 n-Heptane	71	5.433	5.433	0.000	89	61098	20.0	16.0	
* 66 Fluorobenzene	96	5.561	5.561	0.000	99	560455	50.0	50.0	
67 n-Butanol	56	5.769	5.769	0.000	84	16760	500.0	579.2	
68 Trichloroethene	95	5.848	5.848	0.000	96	54669	20.0	17.9	
70 Ethyl acrylate	55	5.921	5.921	0.000	95	56064	20.0	17.7	a
69 Methylcyclohexane	83	5.958	5.958	0.000	93	113985	20.0	20.1	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	92	52696	20.0	17.0	
73 Methyl methacrylate	100	6.128	6.128	0.000	83	24667	40.0	38.4	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	92	31947	1000.0	1000.0	
74 n-Propyl acetate	43	6.165	6.165	0.000	98	51205	20.0	15.9	
76 1,4-Dioxane	88	6.177	6.177	0.000	27	13315	400.0	389.0	
75 Dibromomethane	93	6.214	6.214	0.000	94	31796	20.0	17.5	
77 Dichlorobromomethane	83	6.336	6.336	0.000	99	53308	20.0	18.3	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	94	30027	20.0	16.8	
79 2-Nitropropane	41	6.622	6.622	0.000	90	10166	40.0	44.2	a
80 Epichlorohydrin	57	6.701	6.701	0.000	98	88352	400.0	432.8	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	89	67353	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	94	229927	100.0	102.1	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	503130	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.988	6.988	0.000	92	226775	20.0	18.6	
85 trans-1,3-Dichloropropene	75	7.207	7.207	0.000	96	55046	20.0	20.5	
86 Ethyl methacrylate	69	7.207	7.207	0.000	82	55160	20.0	16.5	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	97	37741	20.0	18.1	
88 Tetrachloroethene	166	7.390	7.390	0.000	95	53306	20.0	18.6	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	91	78646	20.0	18.3	
90 2-Hexanone	43	7.500	7.500	0.000	94	138656	100.0	96.0	
91 n-Butyl acetate	73	7.549	7.549	0.000	98	11568	20.0	17.8	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	33563	20.0	19.7	
93 Ethylene Dibromide	107	7.720	7.720	0.000	98	42219	20.0	19.6	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	83	398656	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	97	144285	20.0	19.1	
96 Ethylbenzene	106	8.061	8.061	0.000	98	80965	20.0	18.2	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	91	39382	20.0	22.6	
98 m-Xylene & p-Xylene	106	8.140	8.140	0.000	98	98659	20.0	18.4	
99 n-Butyl acrylate	73	8.341	8.341	0.000	99	27444	20.0	16.0	
100 o-Xylene	106	8.396	8.396	0.000	95	102903	20.0	18.9	
101 Styrene	104	8.408	8.408	0.000	95	161634	20.0	19.3	
102 Amyl acetate (mixed isomers)	43	8.475	8.475	0.000	92	62862	20.0	13.2	
103 Bromoform	173	8.555	8.555	0.000	97	18493	20.0	21.7	
104 Isopropylbenzene	105	8.603	8.603	0.000	95	264166	20.0	18.4	
\$ 105 4-Bromofluorobenzene	174	8.731	8.731	0.000	93	149569	50.0	51.3	
106 1,1,2,2-Tetrachloroethane	83	8.817	8.817	0.000	98	59257	20.0	17.0	
107 Bromobenzene	156	8.829	8.829	0.000	97	62641	20.0	18.4	
108 N-Propylbenzene	91	8.841	8.841	0.000	99	315178	20.0	18.0	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	73	12673	20.0	15.2	
110 1,2,3-Trichloropropane	110	8.860	8.860	0.000	95	18266	20.0	17.8	
111 4-Ethyltoluene	105	8.908	8.908	0.000	98	253718	20.0	17.2	
112 2-Chlorotoluene	91	8.920	8.920	0.000	96	227601	20.0	17.9	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	94	225338	20.0	17.8	a
114 Butyl Methacrylate	87	8.969	8.969	0.000	87	58502	20.0	13.9	
115 4-Chlorotoluene	91	8.988	8.988	0.000	97	176995	20.0	18.1	
116 tert-Butylbenzene	119	9.128	9.128	0.000	95	179411	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	9.158	9.158	0.000	97	230894	20.0	17.8	
118 sec-Butylbenzene	105	9.250	9.250	0.000	99	297029	20.0	18.3	
119 4-Isopropyltoluene	119	9.329	9.329	0.000	98	256504	20.0	18.6	
120 1,3-Dichlorobenzene	146	9.359	9.359	0.000	96	124147	20.0	18.3	
* 121 1,4-Dichlorobenzene-d4	152	9.402	9.402	0.000	94	223603	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.414	0.000	79	126014	20.0	18.3	
123 1,2,3-Trimethylbenzene	105	9.414	9.414	0.000	97	246921	20.0	17.8	
124 Benzyl chloride	91	9.500	9.500	0.000	99	58028	20.0	21.5	
125 2,3-Dihydroindene	117	9.548	9.548	0.000	93	259845	20.0	17.7	
126 p-Diethylbenzene	119	9.555	9.555	0.000	96	150992	20.0	18.4	
127 n-Butylbenzene	92	9.573	9.573	0.000	97	140916	20.0	18.1	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	97	132338	20.0	18.7	
129 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	98	240198	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	75	10.189	10.189	0.000	91	5666	20.0	13.6	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	97	107276	20.0	19.2	
132 1,2,4-Trichlorobenzene	180	10.798	10.798	0.000	94	71339	20.0	16.4	
133 Hexachlorobutadiene	225	10.877	10.877	0.000	91	34615	20.0	16.7	
134 Naphthalene	128	11.048	11.048	0.000	99	101725	20.0	12.9	
135 1,2,3-Trichlorobenzene	180	11.274	11.274	0.000	95	38675	20.0	13.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.8	
S 137 Xylenes, Total	100				0		40.0	37.3	
S 138 Total BTEX	1				0		100.0	92.4	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

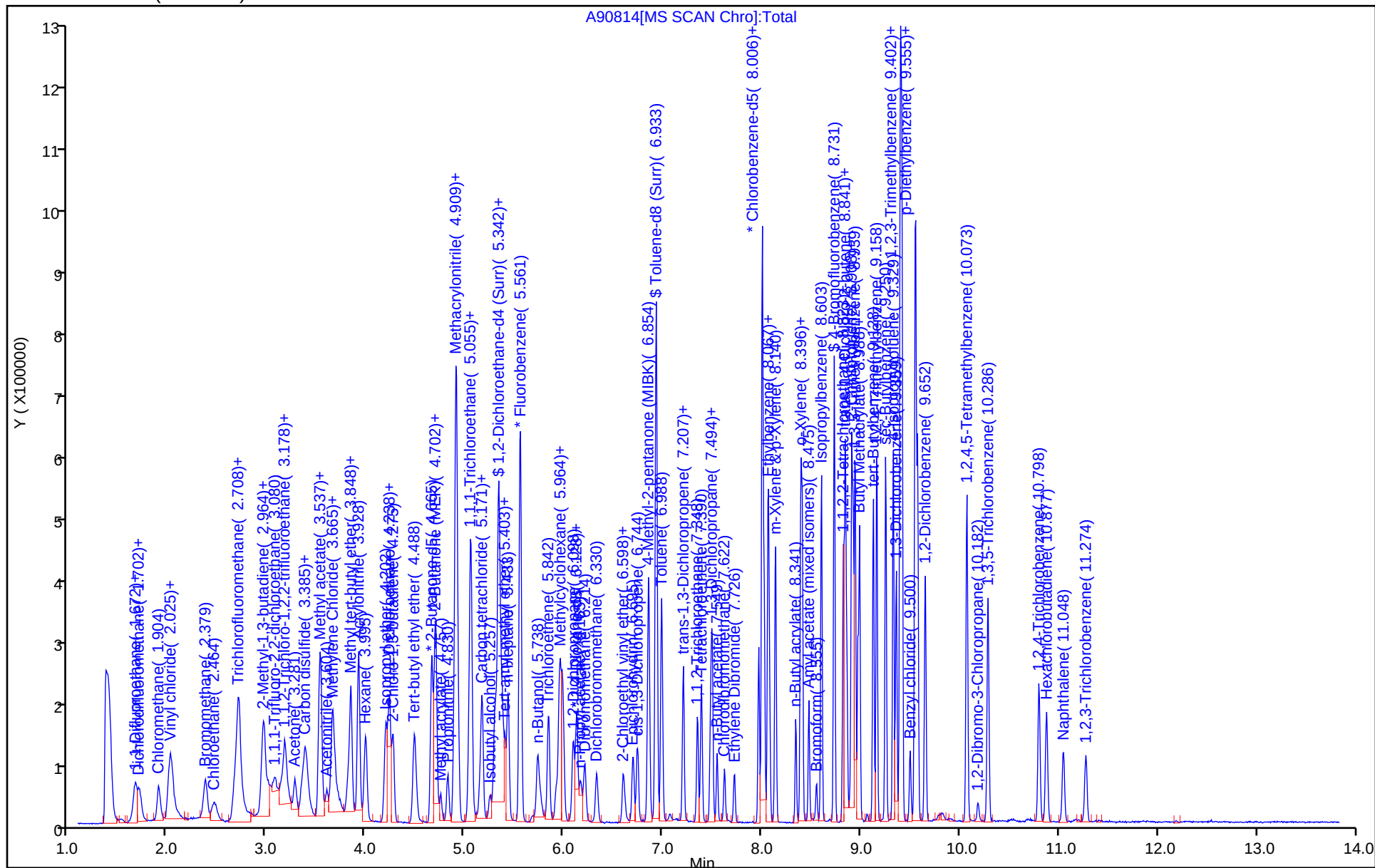
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

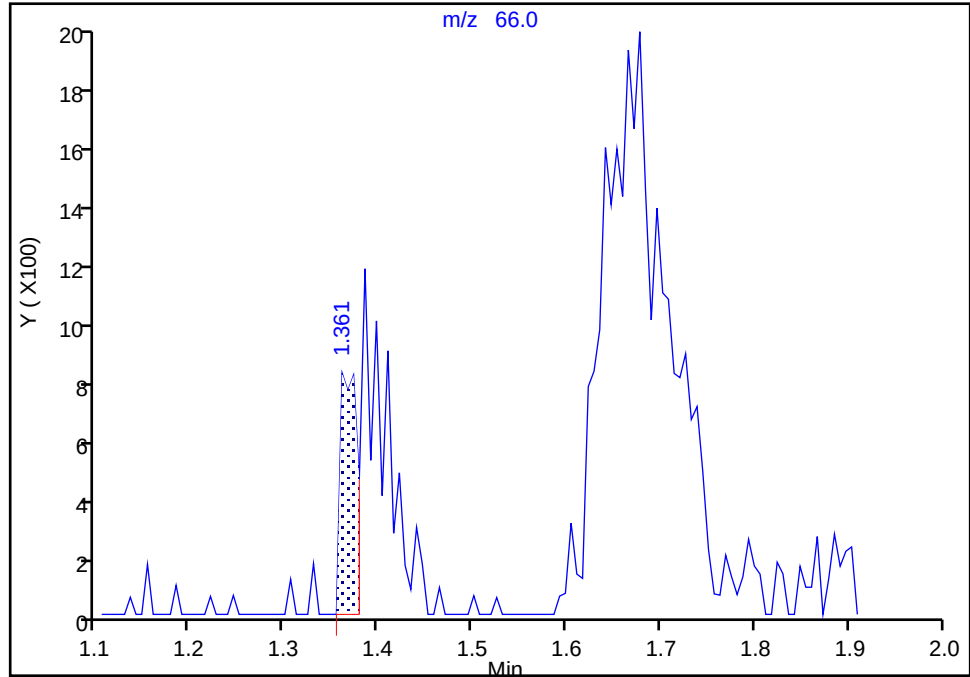
MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 2

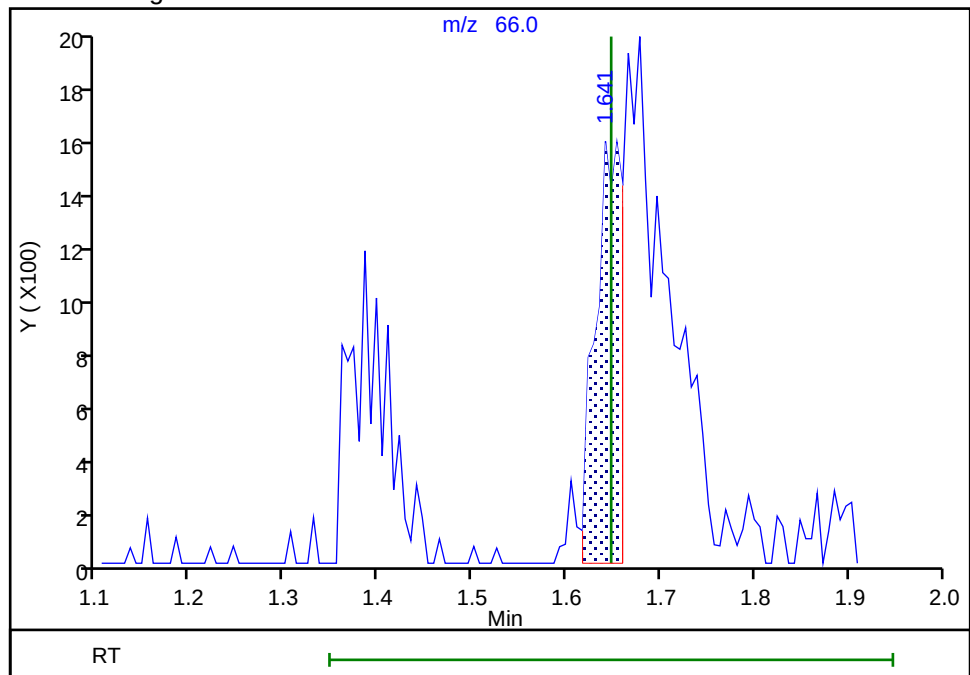
RT: 1.36
Area: 1006
Amount: 1.050733
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 3059
Amount: 10.447749
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Jul-2020 07:53:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

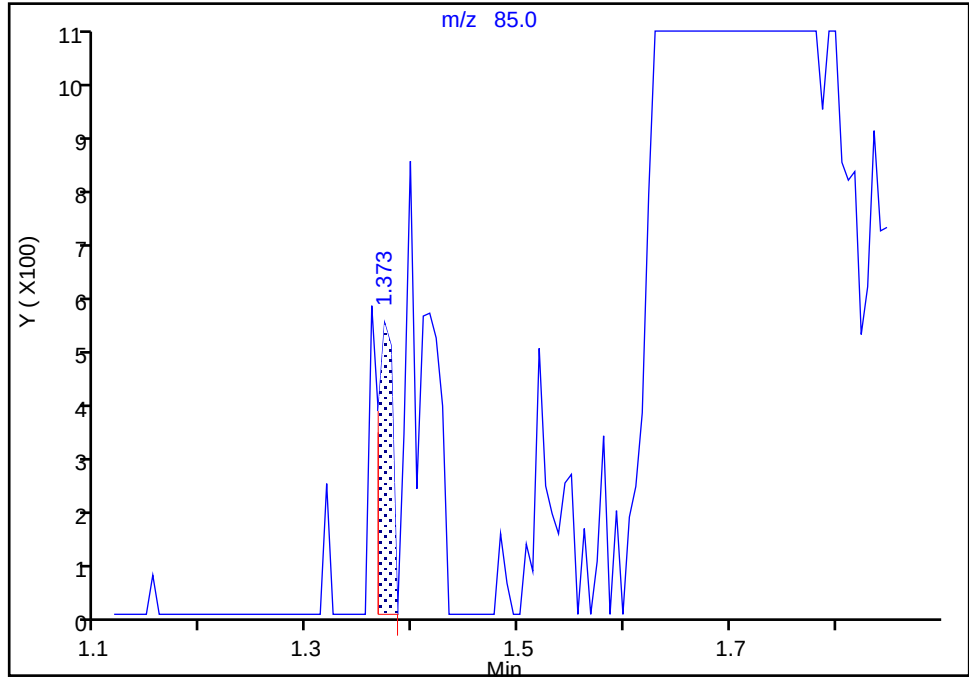
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D
Injection Date: 07-Jul-2020 09:33:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 3

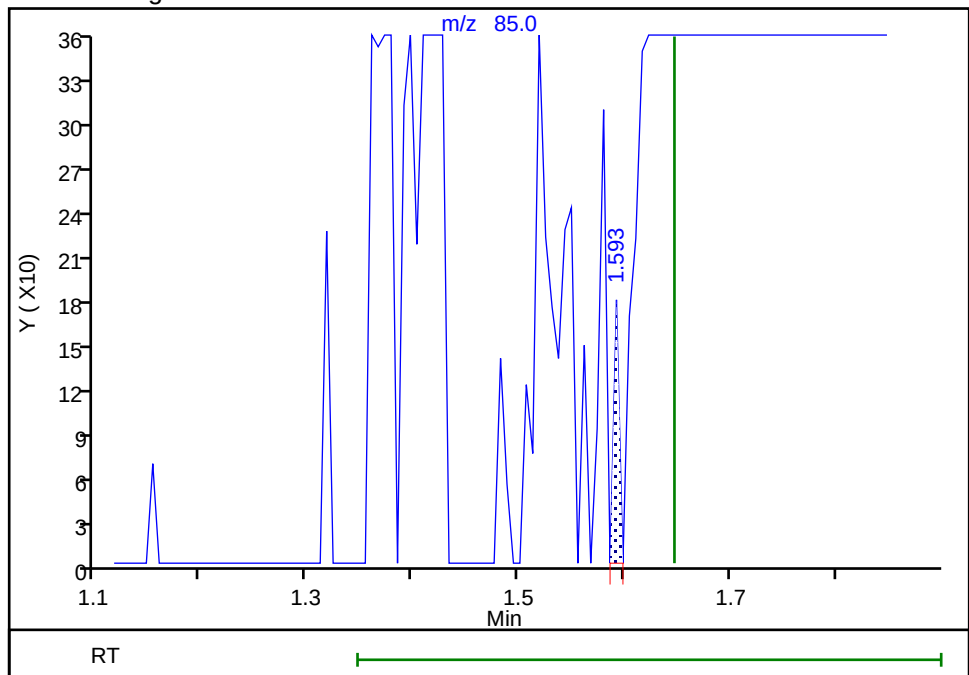
RT: 1.37
Area: 485
Amount: 1.050733
Amount Units: ug/l

Processing Integration Results



RT: 1.59
Area: 66
Amount: 10.447749
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Jul-2020 07:53:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

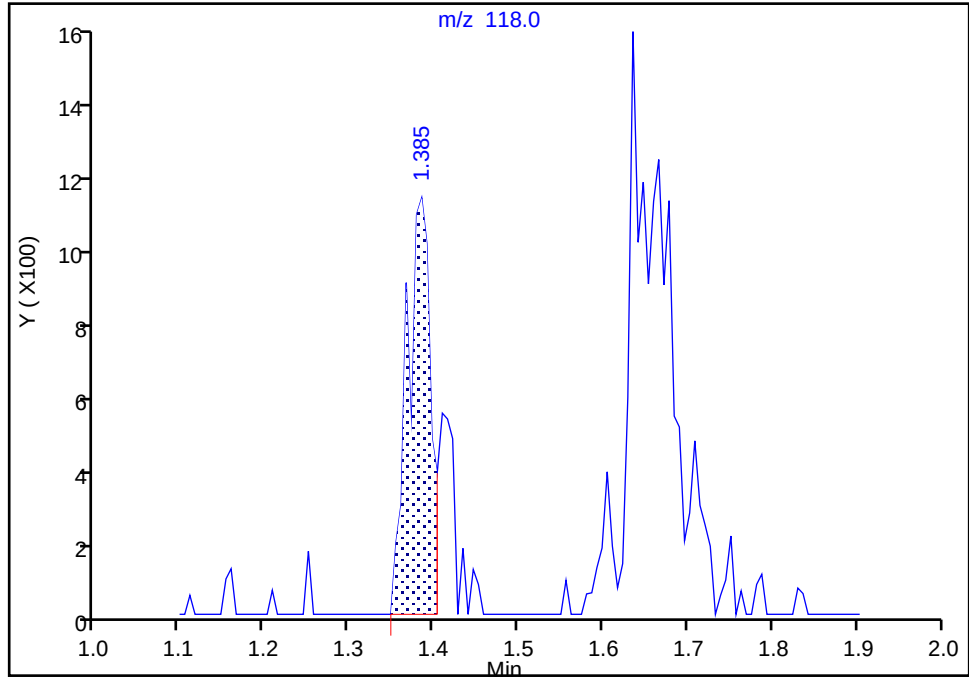
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D
Injection Date: 07-Jul-2020 09:33:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 4

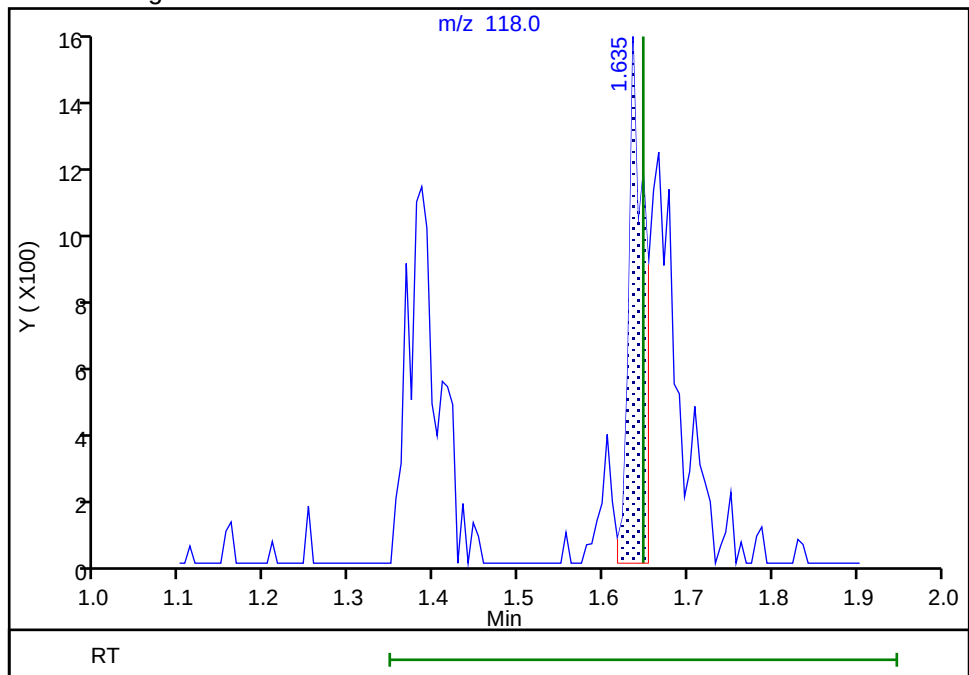
RT: 1.39
Area: 2207
Amount: 1.050733
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 2019
Amount: 10.447749
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Jul-2020 07:53:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

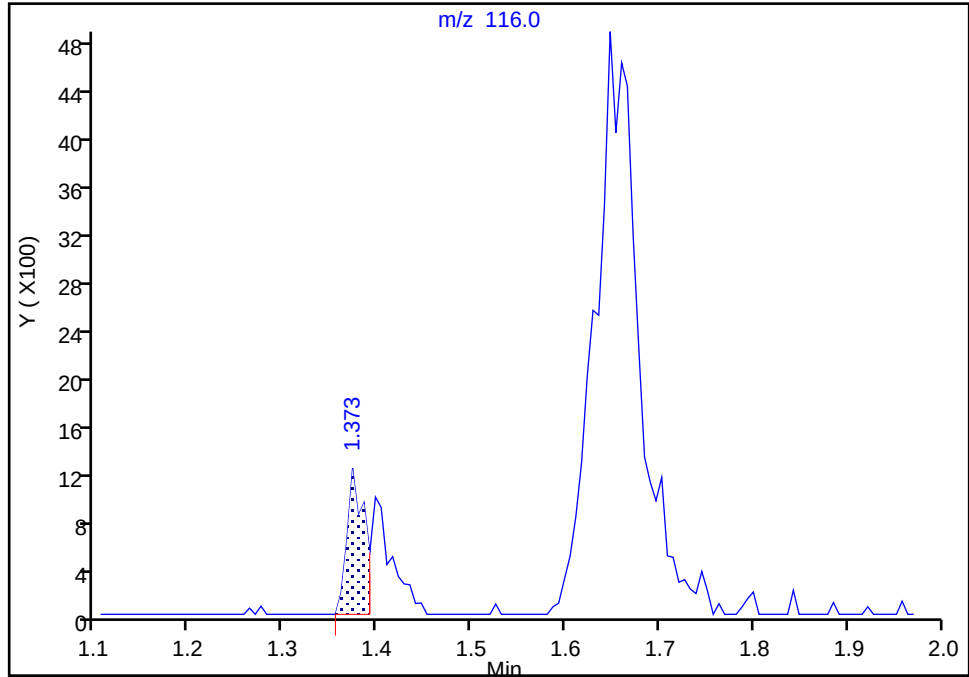
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Injection Date: 07-Jul-2020 09:33:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

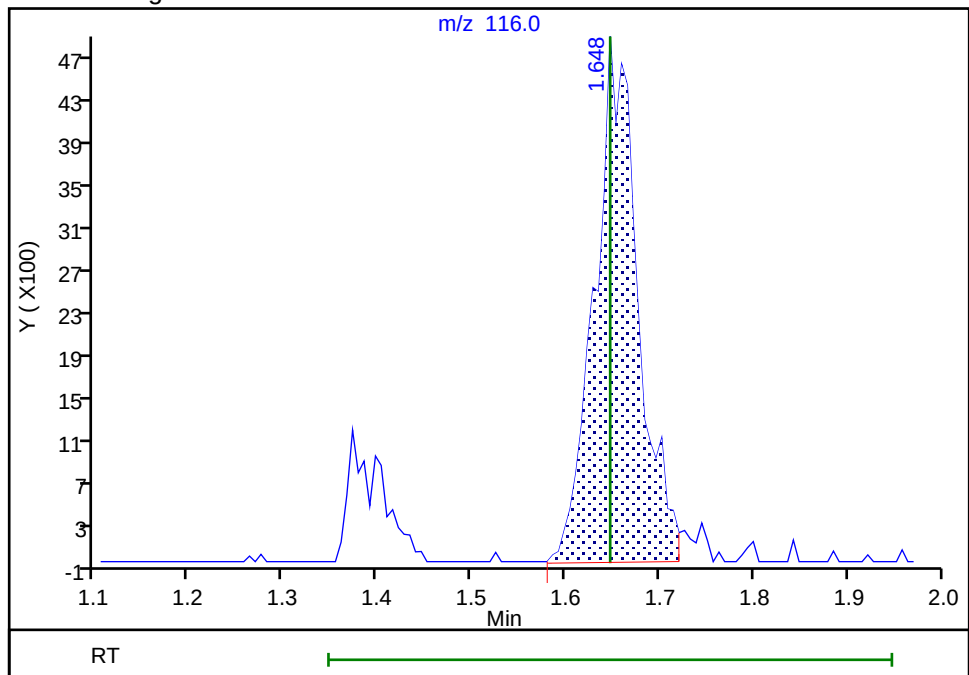
RT: 1.37
Area: 1552
Amount: 1.050733
Amount Units: ug/l

Processing Integration Results



RT: 1.65
Area: 15432
Amount: 10.447749
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 08-Jul-2020 10:48:57

Audit Action: Manually Integrated

Audit Reason: Assign Peak
Page 411 of 684

07/09/2020

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

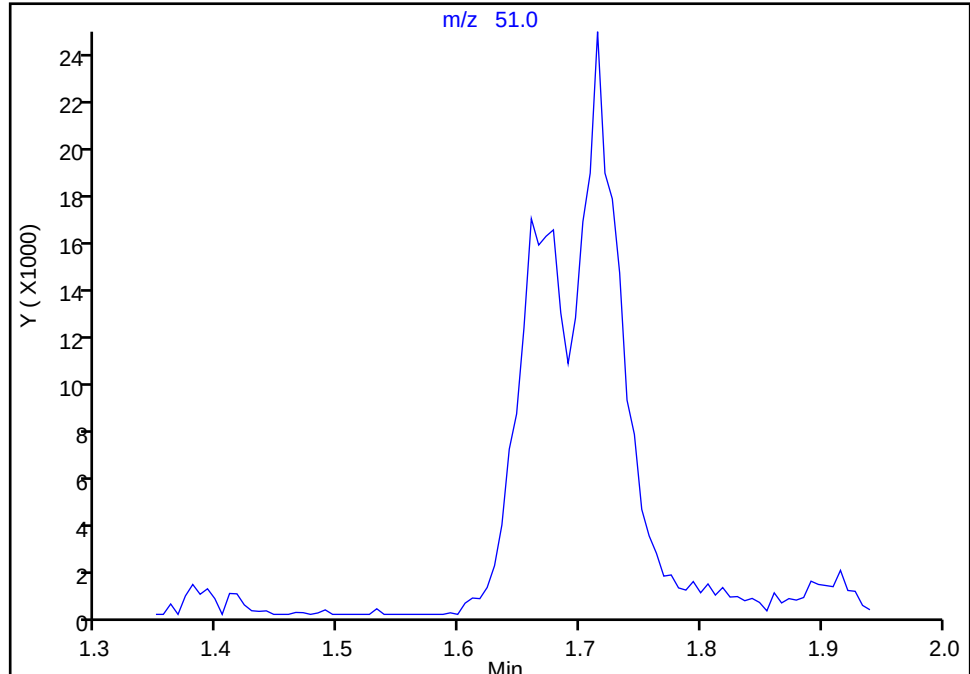
3 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

Not Detected

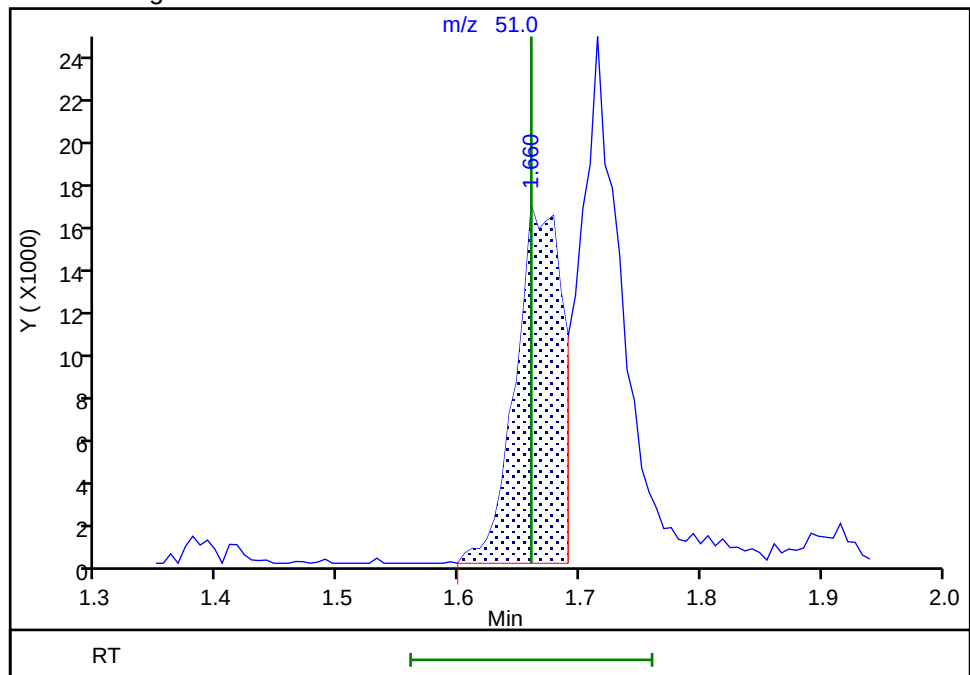
Expected RT: 1.66

Processing Integration Results



RT: 1.66
Area: 44736
Amount: 12.744869
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 08-Jul-2020 10:46:32

Audit Action: Assigned New Baseline

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

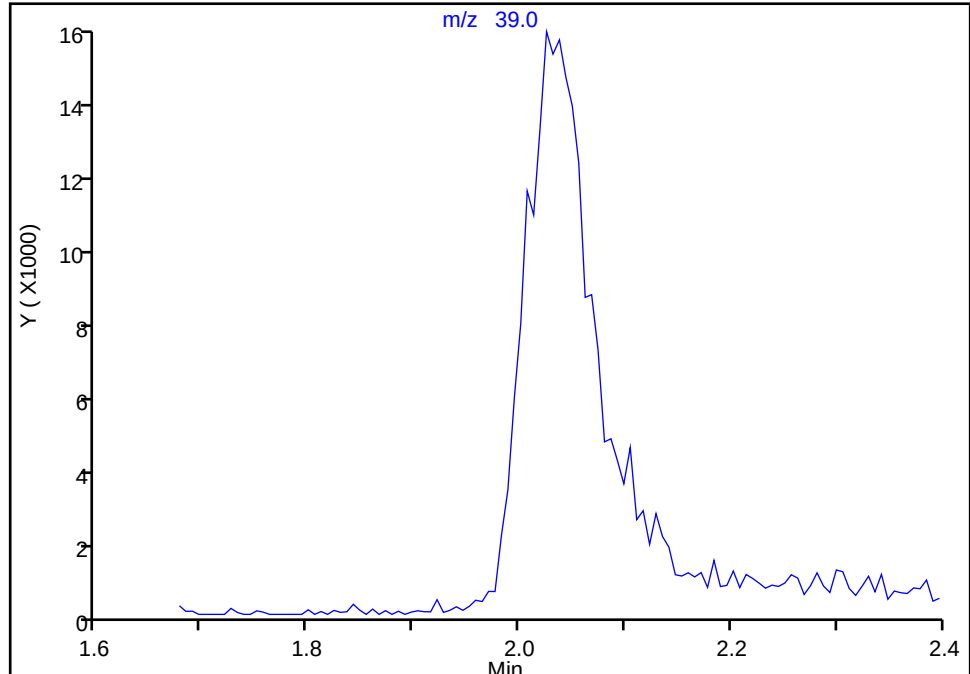
7 Butadiene, CAS: 106-99-0

Signal: 1

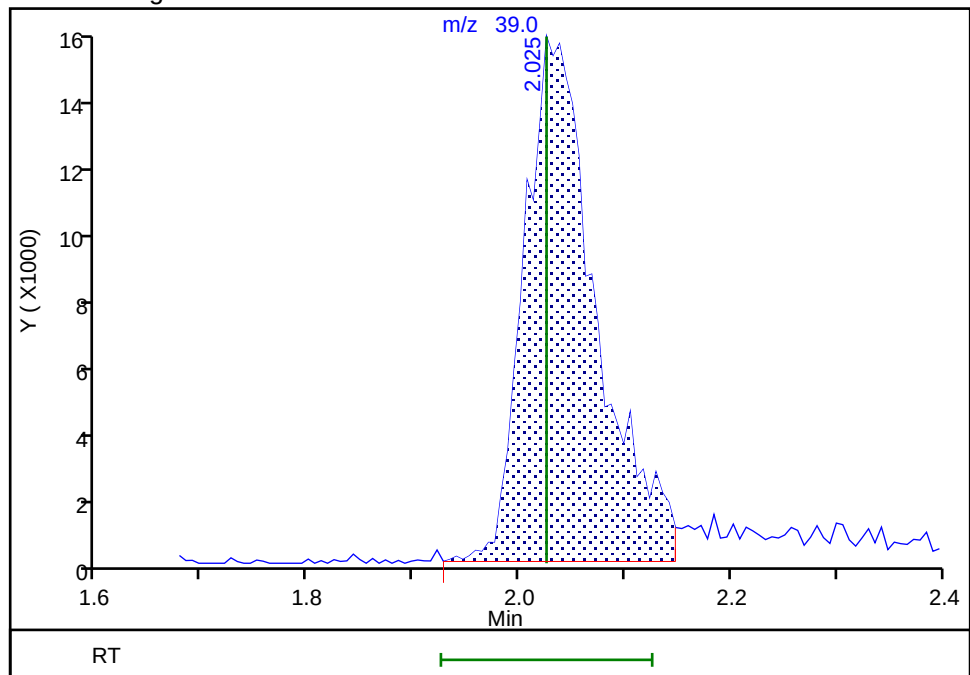
Not Detected

Expected RT: 2.03

Processing Integration Results



Manual Integration Results



RT: 2.03
Area: 73358
Amount: 15.990980
Amount Units: ug/l

Reviewer: moroneyc, 07-Jul-2020 09:56:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

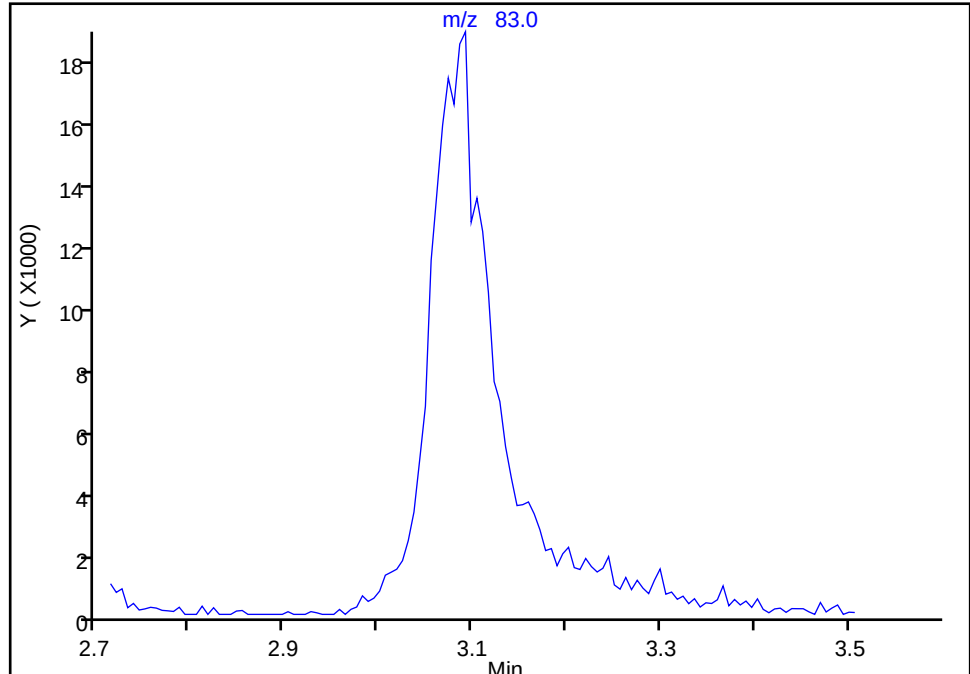
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

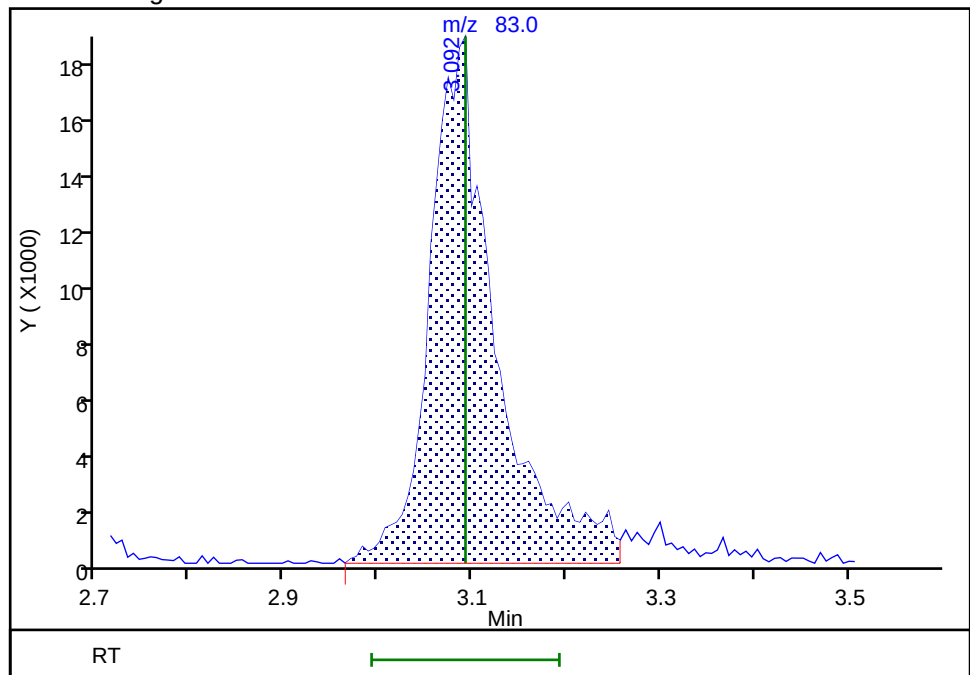
Expected RT: 3.09

Processing Integration Results



RT: 3.09
Area: 88488
Amount: 16.893337
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 07-Jul-2020 09:56:47

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

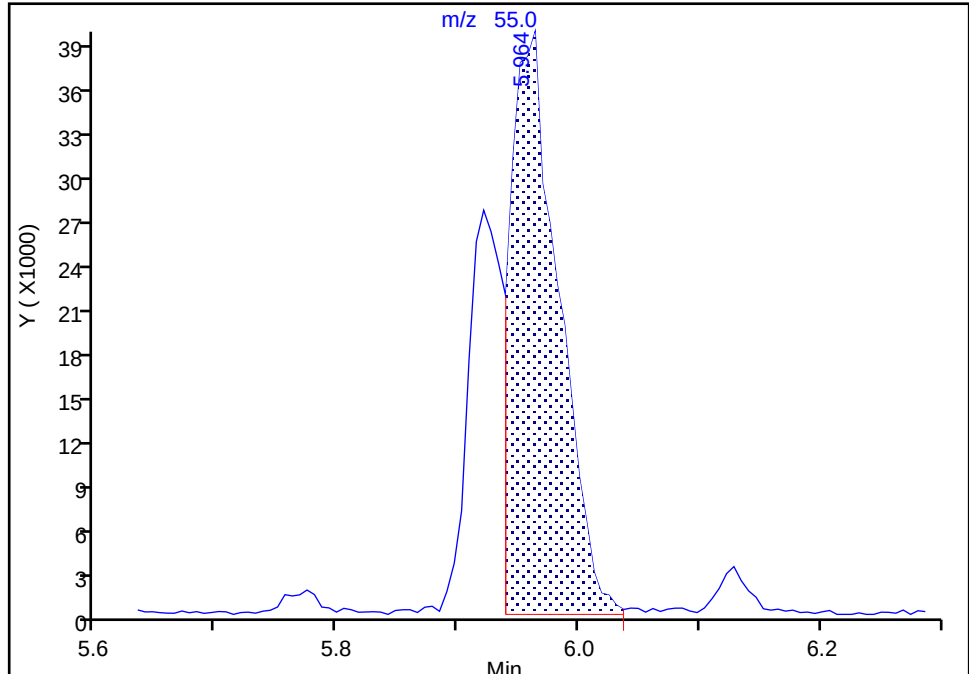
Data File:	\\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D		
Injection Date:	07-Jul-2020 09:33:30	Instrument ID:	CVOAMS1
Lims ID:	CCVIS		
Client ID:			
Operator ID:	VOA GC/MS1	ALS Bottle#:	2
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260624W_1	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN
		Worklist Smp#:	3

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

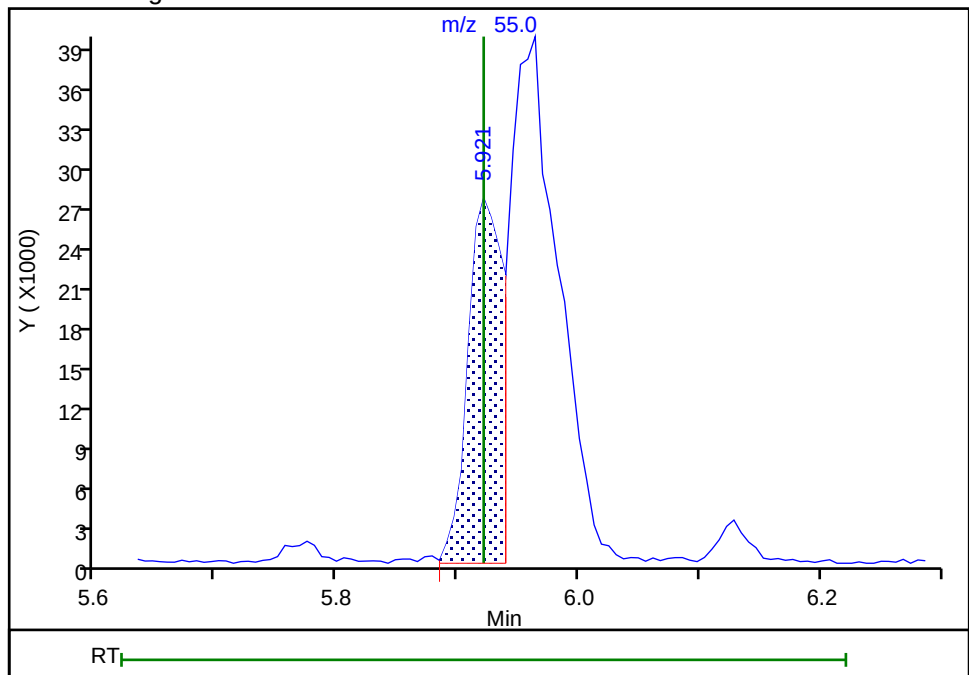
RT: 5.96
Area: 110180
Amount: 34.358056
Amount Units: ug/l

Processing Integration Results



RT: 5.92
Area: 56064
Amount: 17.669139
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 08-Jul-2020 10:47:06

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

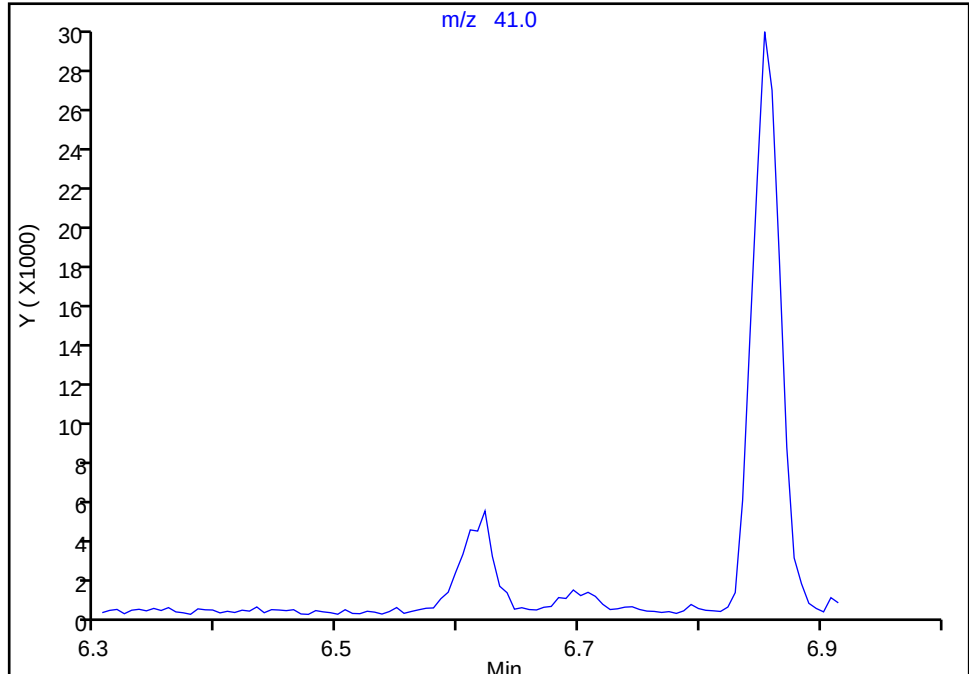
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D
Injection Date: 07-Jul-2020 09:33:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

79 2-Nitropropane, CAS: 79-46-9

Signal: 1

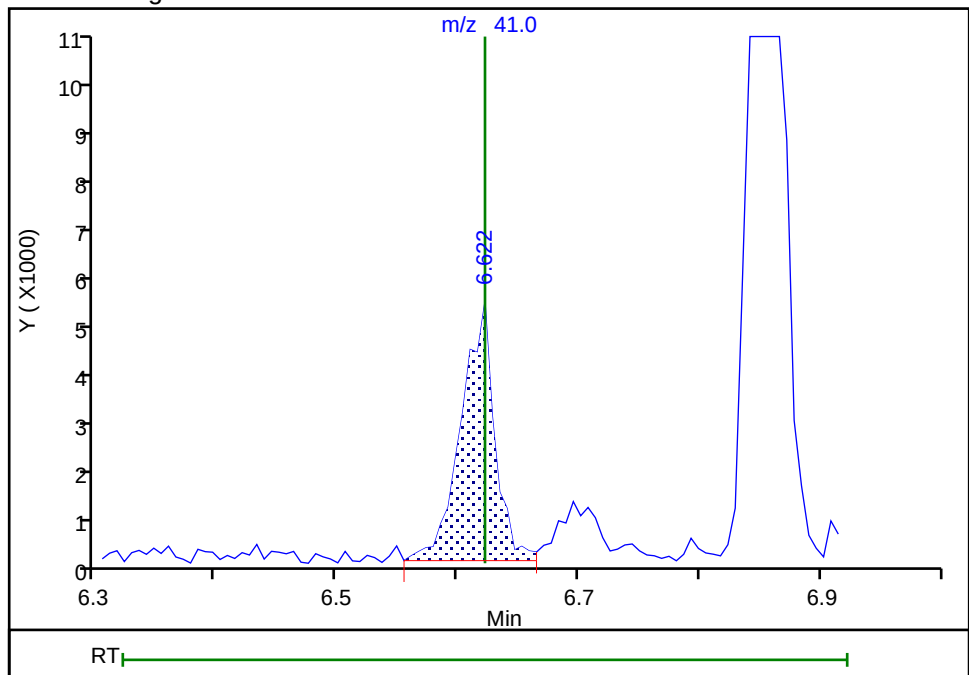
Not Detected
Expected RT: 6.62

Processing Integration Results



RT: 6.62
Area: 10166
Amount: 44.188405
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 08-Jul-2020 10:47:14

Audit Action: Assigned Compound ID

Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

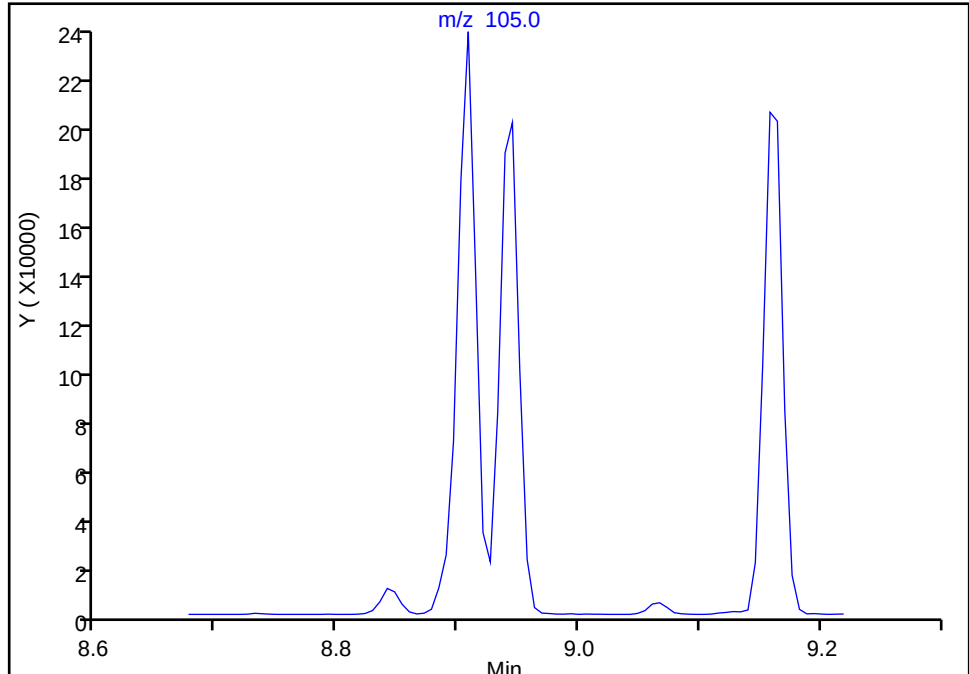
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D
Injection Date: 07-Jul-2020 09:33:30 Instrument ID: CVOAMS1
Lims ID: CCVIS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

113 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

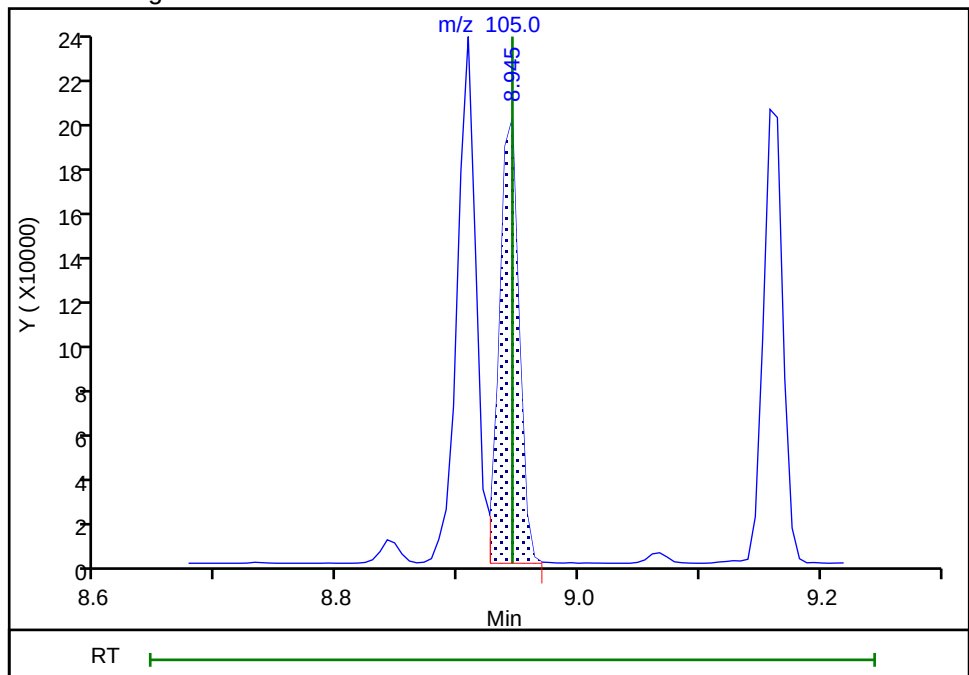
Not Detected
Expected RT: 8.94

Processing Integration Results



RT: 8.94
Area: 225338
Amount: 17.808245
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 07-Jul-2020 09:57:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90814.D

Injection Date: 07-Jul-2020 09:33:30

Instrument ID: CVOAMS1

Lims ID: CCVIS

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

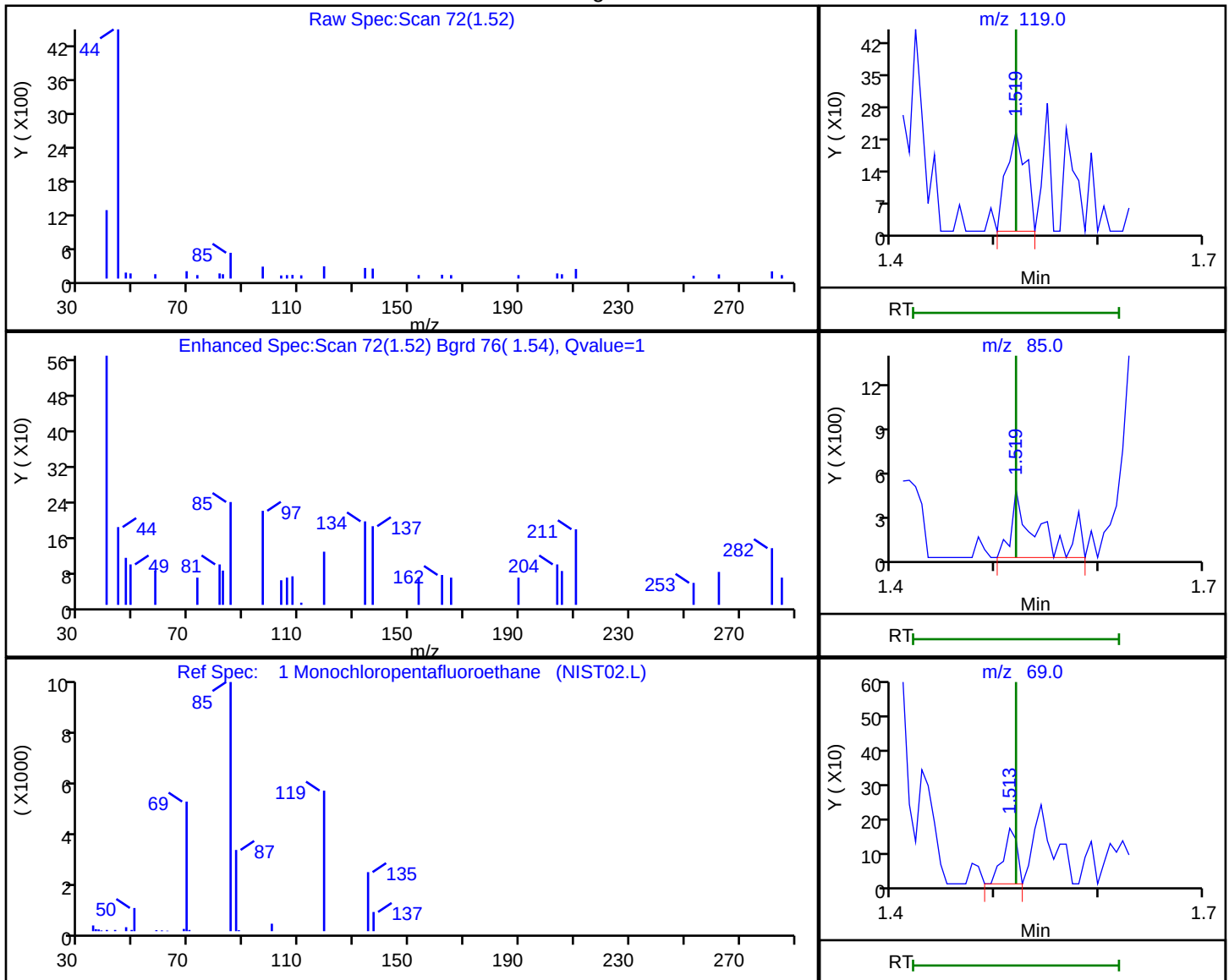
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
1.52	119.00	291	0.834172
1.52	85.00	812	
1.51	69.00	153	
1.53	135.00	198	

Reviewer: asfawa, 08-Jul-2020 07:53:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706558/4 Calibration Date: 07/07/2020 20:29
 Instrument ID: CVOAMS6 Calib Start Date: 07/01/2020 16:17
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/01/2020 18:44
 Lab File ID: F98171.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3510	0.1586	0.1000	9.04	20.0	-54.8*	20.0
Chloromethane	Ave	0.3581	0.1815	0.1000	10.1	20.0	-49.3*	20.0
Butadiene	Ave	0.3162	0.1979		12.5	20.0	-37.4*	20.0
Vinyl chloride	Ave	0.3561	0.2291	0.1000	12.9	20.0	-35.7*	20.0
Bromomethane	Ave	0.2213	0.1736	0.1000	15.7	20.0	-21.5	50.0
Chloroethane	Ave	0.1943	0.1356	0.1000	14.0	20.0	-30.2	50.0
Dichlorofluoromethane	Ave	0.4842	0.3663		15.1	20.0	-24.4*	20.0
Trichlorofluoromethane	Ave	0.3673	0.3216	0.1000	17.5	20.0	-12.4	20.0
Pentane	Ave	2.129	2.057		38.6	40.0	-3.4	20.0
Ethanol	Ave	0.0438	0.0389		710	800	-11.2	50.0
Ethyl ether	Ave	0.2060	0.1857		18.0	20.0	-9.9	20.0
2-Methyl-1,3-butadiene	Ave	0.2376	0.2102		17.7	20.0	-11.6	20.0
Acrolein	Ave	0.7693	0.9099		47.3	40.0	18.3	50.0
Freon TF	Ave	0.2521	0.2767	0.1000	21.9	20.0	9.7	20.0
1,1-Dichloroethene	Ave	0.2582	0.2748	0.1000	21.3	20.0	6.4	20.0
Acetone	QuaF		0.6833	0.0500	71.6	100	-28.4	50.0
Iodomethane	Ave	0.4235	0.4719		22.3	20.0	11.4	20.0
Isopropyl alcohol	Qua2		0.5120		249	200	24.5	50.0
Carbon disulfide	Ave	1.032	1.001	0.1000	19.4	20.0	-2.9	50.0
Allyl chloride	Ave	0.4776	0.3853		16.1	20.0	-19.3	20.0
Methyl acetate	Ave	0.2187	0.1824	0.1000	33.4	40.0	-16.6	20.0
Cyclopentene	Ave	0.7014	0.6628		18.9	20.0	-5.5	20.0
Acetonitrile	Ave	1.261	1.408		223	200	11.7	20.0
Methylene Chloride	Ave	0.3139	0.3195	0.1000	20.4	20.0	1.8	20.0
2-Methyl-2-propanol	Ave	1.124	1.071		191	200	-4.6	50.0
MTBE	Ave	0.6449	0.6443	0.1000	20.0	20.0	-0.0	20.0
trans-1,2-Dichloroethene	Ave	0.2614	0.2720	0.1000	20.8	20.0	4.1	20.0
Acrylonitrile	Ave	0.1198	0.1020		170	200	-14.9	20.0
Hexane	Ave	0.2181	0.1864		17.1	20.0	-14.5	20.0
Isopropyl ether	Ave	0.7545	0.6246		16.6	20.0	-17.2	20.0
1,1-Dichloroethane	Ave	0.4394	0.4272	0.2000	19.4	20.0	-2.8	20.0
Vinyl acetate	Ave	0.0575	0.0602		41.9	40.0	4.6	20.0
2-Chloro-1,3-butadiene	Ave	0.2325	0.2578		22.2	20.0	10.9	20.0
Tert-butyl ethyl ether	Ave	0.6926	0.6487		18.7	20.0	-6.3	20.0
2,2-Dichloropropane	Ave	0.0810	0.0878		21.7	20.0	8.4	20.0
cis-1,2-Dichloroethene	Ave	0.2842	0.2984	0.1000	21.0	20.0	5.0	20.0
2-Butanone	Ave	0.3292	0.3585	0.0500	109	100	8.9	50.0
Ethyl acetate	Ave	0.2738	0.3549		51.9	40.0	29.6*	20.0
Methyl acrylate	Ave	0.3723	0.3042		16.3	20.0	-18.3	20.0
Propionitrile	Ave	1.730	1.843		213	200	6.5	20.0
Bromochloromethane	Ave	0.1364	0.1495		21.9	20.0	9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706558/4 Calibration Date: 07/07/2020 20:29
 Instrument ID: CVOAMS6 Calib Start Date: 07/01/2020 16:17
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/01/2020 18:44
 Lab File ID: F98171.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrahydrofuran	Ave	0.3594	0.4102		45.7	40.0	14.2	20.0
Methacrylonitrile	Ave	0.1339	0.1239		185	200	-7.5	20.0
Chloroform	Ave	0.4103	0.4225	0.2000	20.6	20.0	3.0	20.0
Cyclohexane	Ave	0.4544	0.4816	0.1000	21.2	20.0	6.0	50.0
1,1,1-Trichloroethane	Ave	0.3621	0.3731	0.1000	20.6	20.0	3.0	20.0
Carbon tetrachloride	Ave	0.2912	0.3067	0.1000	21.1	20.0	5.3	20.0
1,1-Dichloropropene	Ave	0.3540	0.3564		20.1	20.0	0.7	20.0
Isobutyl alcohol	Ave	0.3527	0.2870		407	500	-18.6	50.0
Benzene	Ave	1.559	1.532	0.5000	19.7	20.0	-1.7	20.0
Isopropyl acetate	Ave	0.7228	0.6171		17.1	20.0	-14.6	20.0
Tert-amyl methyl ether	Ave	0.7393	0.7448		20.1	20.0	0.7	20.0
1,2-Dichloroethane	Ave	0.3281	0.3127	0.1000	19.1	20.0	-4.7	20.0
n-Heptane	Ave	0.2100	0.2072		19.7	20.0	-1.3	20.0
n-Butanol	Ave	0.2911	0.2276		391	500	-21.8	50.0
Trichloroethene	Ave	0.2614	0.2649	0.2000	20.3	20.0	1.3	20.0
Ethyl acrylate	Ave	0.6840	0.6480		18.9	20.0	-5.3	20.0
Methylcyclohexane	Ave	0.4991	0.5232	0.1000	21.0	20.0	4.8	50.0
1,2-Dichloropropane	Ave	0.2687	0.2522	0.1000	18.8	20.0	-6.2	20.0
Methyl methacrylate	Ave	0.0818	0.0792		38.7	40.0	-3.2	20.0
1,4-Dioxane	Ave	1.102	1.158		420	400	5.1	50.0
Dibromomethane	Ave	0.1641	0.1583		19.3	20.0	-3.6	20.0
n-Propyl acetate	Ave	0.3782	0.3030		16.0	20.0	-19.9	20.0
Bromodichloromethane	Ave	0.3218	0.3095	0.2000	19.2	20.0	-3.8	20.0
2-Nitropropane	Ave	0.0633	0.0483		30.5	40.0	-23.7*	20.0
2-Chloroethyl vinyl ether	Ave	0.1555	0.1301		16.8	20.0	-16.4	20.0
Epichlorohydrin	Ave	0.2413	0.2543		421	400	5.4	20.0
cis-1,3-Dichloropropene	Ave	0.6123	0.5422	0.2000	17.7	20.0	-11.5	50.0
4-Methyl-2-pentanone	Ave	2.250	2.373	0.0500	105	100	5.5	50.0
Toluene	Ave	1.645	1.613	0.4000	19.6	20.0	-1.9	20.0
trans-1,3-Dichloropropene	Ave	0.5193	0.4673	0.1000	18.0	20.0	-10.0	50.0
Ethyl methacrylate	Ave	0.5226	0.4834		18.5	20.0	-7.5	20.0
1,1,2-Trichloroethane	Ave	0.2832	0.2706	0.1000	19.1	20.0	-4.5	20.0
Tetrachloroethene	Ave	0.3213	0.3572	0.2000	22.2	20.0	11.2	20.0
1,3-Dichloropropane	Ave	0.5926	0.5347		18.0	20.0	-9.8	20.0
2-Hexanone	Ave	1.457	1.504	0.0500	103	100	3.2	50.0
n-Butyl acetate	Ave	0.5782	0.4682		16.2	20.0	-19.0	20.0
Dibromochloromethane	Ave	0.3162	0.3225	0.1000	20.4	20.0	2.0	50.0
1,2-Dibromoethane	Ave	0.3204	0.3241	0.1000	20.2	20.0	1.1	20.0
Chlorobenzene	Ave	1.002	1.022	0.5000	20.4	20.0	1.9	20.0
Ethylbenzene	Ave	0.5792	0.6040	0.1000	20.9	20.0	4.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3284	0.3491		21.3	20.0	6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706558/4 Calibration Date: 07/07/2020 20:29
 Instrument ID: CVOAMS6 Calib Start Date: 07/01/2020 16:17
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/01/2020 18:44
 Lab File ID: F98171.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
m&p-Xylene	Ave	0.6921	0.7258	0.1000	21.0	20.0	4.9	20.0
n-Butyl acrylate	Ave	0.3207	0.2979		18.6	20.0	-7.1	20.0
o-Xylene	Ave	0.7107	0.7537	0.3000	21.2	20.0	6.0	20.0
Styrene	Ave	1.141	1.212	0.3000	21.3	20.0	6.3	20.0
Amyl acetate (mixed isomers)	Ave	1.330	1.069		16.1	20.0	-19.6	20.0
Bromoform	Ave	0.2017	0.2155	0.1000	21.4	20.0	6.9	20.0
Isopropylbenzene	Ave	1.810	1.908	0.1000	21.1	20.0	5.4	20.0
Bromobenzene	Ave	0.7510	0.7978		21.2	20.0	6.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9418	0.8699	0.3000	18.5	20.0	-7.6	20.0
N-Propylbenzene	Ave	4.366	4.149		19.0	20.0	-5.0	20.0
1,2,3-Trichloropropane	Ave	0.2760	0.2532		18.3	20.0	-8.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2340	0.1948		16.7	20.0	-16.7	20.0
2-Chlorotoluene	Ave	2.908	2.818		19.4	20.0	-3.1	20.0
4-Ethyltoluene	Ave	3.463	3.491		20.2	20.0	0.8	20.0
1,3,5-Trimethylbenzene	Ave	2.978	2.932		19.7	20.0	-1.5	20.0
4-Chlorotoluene	Ave	2.569	2.448		19.1	20.0	-4.7	20.0
Butyl Methacrylate	Ave	1.087	1.041		19.2	20.0	-4.2	20.0
tert-Butylbenzene	Ave	2.347	2.372		20.2	20.0	1.1	20.0
1,2,4-Trimethylbenzene	Ave	3.100	3.128		20.2	20.0	0.9	20.0
sec-Butylbenzene	Ave	3.836	3.796		19.8	20.0	-1.0	20.0
1,3-Dichlorobenzene	Ave	1.511	1.613	0.6000	21.3	20.0	6.7	20.0
4-Isopropyltoluene	Ave	3.179	3.297		20.7	20.0	3.7	20.0
1,4-Dichlorobenzene	Ave	1.546	1.625	0.5000	21.0	20.0	5.1	20.0
1,2,3-Trimethylbenzene	Ave	3.222	3.163		19.6	20.0	-1.8	20.0
Benzyl chloride	Ave	1.700	1.682		19.8	20.0	-1.0	50.0
Indan	Ave	3.167	3.208		20.3	20.0	1.3	20.0
p-Diethylbenzene	Ave	1.752	1.813		20.7	20.0	3.5	20.0
n-Butylbenzene	Ave	1.798	1.803		20.1	20.0	0.3	20.0
1,2-Dichlorobenzene	Ave	1.580	1.674	0.4000	21.2	20.0	5.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.191	3.236		20.3	20.0	1.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2143	0.2044	0.0500	19.1	20.0	-4.6	50.0
1,3,5-Trichlorobenzene	Ave	1.217	1.337		22.0	20.0	9.9	20.0
1,2,4-Trichlorobenzene	Ave	1.158	1.261	0.2000	21.8	20.0	8.8	20.0
Hexachlorobutadiene	Ave	0.4224	0.4610		21.8	20.0	9.1	20.0
Naphthalene	Ave	3.513	3.623		20.6	20.0	3.1	50.0
1,2,3-Trichlorobenzene	Ave	1.085	1.215		22.4	20.0	12.1	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3753			0.620	20.0		
1,1-Difluoroethane	Ave	0.2768			0.760	20.0		
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2167			0.280	20.0		
Chlorodifluoromethane	Ave	0.3449			0.670	20.0		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-706558/4 Calibration Date: 07/07/2020 20:29
 Instrument ID: CVOAMS6 Calib Start Date: 07/01/2020 16:17
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/01/2020 18:44
 Lab File ID: F98171.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	0.1156			0.460	20.0		
Monochloropentafluoroethane	Ave	0.0283			0.550	20.0		
Dibromofluoromethane (Surr)	Ave	0.2216	0.2259		51.0	50.0	1.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2739	0.2455		44.8	50.0	-10.4	20.0
Toluene-d8 (Surr)	Ave	1.378	1.342		48.7	50.0	-2.7	20.0
Bromofluorobenzene	Ave	0.3645	0.3876		53.2	50.0	6.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98171.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Jul-2020 20:29:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0112863-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:28:29 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: yallabg

Date: 07-Jul-2020 21:38:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.599	1.599	0.000	99	29092	20.0	9.04	
6 Chloromethane	50	1.771	1.771	0.000	99	33297	20.0	10.1	
7 Butadiene	54	1.845	1.845	0.000	94	36295	20.0	12.5	
8 Vinyl chloride	62	1.862	1.862	0.000	98	42019	20.0	12.9	
9 Bromomethane	94	2.133	2.133	0.000	97	31848	20.0	15.7	
10 Chloroethane	64	2.182	2.182	0.000	99	24875	20.0	14.0	
11 Dichlorofluoromethane	67	2.363	2.363	0.000	98	67188	20.0	15.1	
12 Trichlorofluoromethane	101	2.379	2.379	0.000	98	58995	20.0	17.5	
13 Pentane	72	2.388	2.388	0.000	96	15227	40.0	38.6	
14 Ethanol	46	2.552	2.552	0.000	68	5756	800.0	710.3	
15 Ethyl ether	59	2.560	2.560	0.000	92	34066	20.0	18.0	
16 2-Methyl-1,3-butadiene	53	2.585	2.585	0.000	93	38551	20.0	17.7	
19 Acrolein	56	2.733	2.733	0.000	31	6737	40.0	47.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.741	0.000	96	50751	20.0	21.9	
21 1,1-Dichloroethene	96	2.774	2.774	0.000	95	50413	20.0	21.3	
22 Acetone	43	2.848	2.848	0.000	90	60308	100.0	71.6	
23 Iodomethane	142	2.922	2.922	0.000	96	86573	20.0	22.3	
24 Isopropyl alcohol	45	2.930	2.930	0.000	30	18955	200.0	249.0	
25 Carbon disulfide	76	2.971	2.971	0.000	98	183682	20.0	19.4	
26 3-Chloro-1-propene	41	3.061	3.061	0.000	96	70684	20.0	16.1	
27 Methyl acetate	43	3.070	3.070	0.000	97	66907	40.0	33.4	
28 Cyclopentene	67	3.086	3.086	0.000	94	121591	20.0	18.9	
29 Acetonitrile	41	3.127	3.127	0.000	34	52135	200.0	223.4	a
* 31 TBA-d9 (IS)	65	3.176	3.176	0.000	0	185099	1000.0	1000.0	
30 Methylene Chloride	84	3.193	3.193	0.000	85	58617	20.0	20.4	
32 2-Methyl-2-propanol	59	3.242	3.242	0.000	96	39661	200.0	190.7	a
33 Methyl tert-butyl ether	73	3.341	3.341	0.000	96	118196	20.0	20.0	
34 trans-1,2-Dichloroethene	96	3.365	3.365	0.000	91	49900	20.0	20.8	
35 Acrylonitrile	53	3.439	3.439	0.000	95	187015	200.0	170.1	
36 Hexane	43	3.513	3.513	0.000	87	34199	20.0	17.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Isopropyl ether	45	3.719	3.719	0.000	94	114570	20.0	16.6	
38 1,1-Dichloroethane	63	3.752	3.752	0.000	98	78368	20.0	19.4	
39 Vinyl acetate	86	3.768	3.768	0.000	99	22091	40.0	41.9	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	86	47294	20.0	22.2	
41 Tert-butyl ethyl ether	59	4.031	4.031	0.000	90	118997	20.0	18.7	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	220649	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	78	16112	20.0	21.7	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	99	54738	20.0	21.0	
46 2-Butanone (MEK)	72	4.277	4.277	0.000	97	31645	100.0	108.9	
45 Ethyl acetate	70	4.277	4.277	0.000	94	12530	40.0	51.9	
47 Methyl acrylate	55	4.327	4.327	0.000	98	40660	20.0	16.3	
48 Propionitrile	54	4.401	4.401	0.000	98	68219	200.0	213.0	
50 Chlorobromomethane	128	4.475	4.475	0.000	80	27427	20.0	21.9	
49 Tetrahydrofuran	72	4.475	4.475	0.000	64	14482	40.0	45.7	
51 Methacrylonitrile	67	4.499	4.499	0.000	86	227238	200.0	185.0	
52 Chloroform	83	4.524	4.524	0.000	97	77512	20.0	20.6	
53 Cyclohexane	84	4.664	4.664	0.000	86	88346	20.0	21.2	
54 1,1,1-Trichloroethane	97	4.680	4.680	0.000	72	68448	20.0	20.6	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	97	103586	50.0	51.0	
56 Carbon tetrachloride	117	4.795	4.795	0.000	97	56259	20.0	21.1	
57 1,1-Dichloropropene	75	4.820	4.820	0.000	97	65383	20.0	20.1	
58 Isobutyl alcohol	43	4.935	4.935	0.000	95	26562	500.0	406.9	
59 Benzene	78	5.017	5.017	0.000	95	204733	20.0	19.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	112601	50.0	44.8	
61 Isopropyl acetate	43	5.066	5.066	0.000	96	113199	20.0	17.1	
62 Tert-amyl methyl ether	73	5.074	5.074	0.000	93	136621	20.0	20.1	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	97	57359	20.0	19.1	
64 n-Heptane	57	5.165	5.165	0.000	85	38006	20.0	19.7	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	458606	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	82	21068	500.0	390.9	
67 Trichloroethene	95	5.641	5.641	0.000	97	48590	20.0	20.3	
68 Ethyl acrylate	55	5.765	5.765	0.000	97	118874	20.0	18.9	
69 Methylcyclohexane	83	5.773	5.773	0.000	84	95985	20.0	21.0	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	94	46255	20.0	18.8	
* 71 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	21459	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	6.003	0.000	80	29052	40.0	38.7	
73 1,4-Dioxane	88	6.044	6.044	0.000	35	9938	400.0	420.4	
75 Dibromomethane	93	6.052	6.052	0.000	97	29030	20.0	19.3	
74 n-Propyl acetate	43	6.061	6.061	0.000	95	55588	20.0	16.0	
76 Dichlorobromomethane	83	6.200	6.200	0.000	98	56782	20.0	19.2	
77 2-Nitropropane	41	6.537	6.537	0.000	80	17719	40.0	30.5	
78 2-Chloroethyl vinyl ether	63	6.545	6.545	0.000	80	23919	20.0	16.8	
79 Epichlorohydrin	57	6.644	6.644	0.000	98	89762	400.0	421.4	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	88	72469	20.0	17.7	
81 4-Methyl-2-pentanone (MIBK)	43	6.874	6.874	0.000	92	209465	100.0	105.5	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	448333	50.0	48.7	
83 Toluene	91	7.022	7.022	0.000	93	215592	20.0	19.6	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	92	62465	20.0	18.0	
85 Ethyl methacrylate	69	7.400	7.400	0.000	84	64607	20.0	18.5	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	96	36171	20.0	19.1	
87 Tetrachloroethene	166	7.630	7.630	0.000	94	47745	20.0	22.2	
88 1,3-Dichloropropane	76	7.794	7.794	0.000	89	71465	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 2-Hexanone	43	7.860	7.860	0.000	91	132703	100.0	103.2	
90 n-Butyl acetate	43	7.975	7.975	0.000	96	62585	20.0	16.2	
91 Chlorodibromomethane	129	8.016	8.016	0.000	97	43106	20.0	20.4	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	43315	20.0	20.2	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	334164	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	136569	20.0	20.4	
95 Ethylbenzene	106	8.871	8.871	0.000	97	80734	20.0	20.9	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	96	46663	20.0	21.3	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	97015	20.0	21.0	
98 n-Butyl acrylate	73	9.471	9.471	0.000	99	39821	20.0	18.6	
99 o-Xylene	106	9.487	9.487	0.000	94	100744	20.0	21.2	
100 Styrene	104	9.512	9.512	0.000	97	162025	20.0	21.3	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	79650	20.0	16.1	
102 Bromoform	173	9.717	9.717	0.000	96	28810	20.0	21.4	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	255062	20.0	21.1	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	89	129525	50.0	53.2	
105 Bromobenzene	156	10.136	10.136	0.000	98	59425	20.0	21.2	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	64797	20.0	18.5	
107 N-Propylbenzene	91	10.202	10.202	0.000	100	309073	20.0	19.0	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	98	18863	20.0	18.3	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	79	14514	20.0	16.7	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	209941	20.0	19.4	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	260056	20.0	20.2	
112 1,3,5-Trimethylbenzene	105	10.358	10.358	0.000	93	218380	20.0	19.7	
113 4-Chlorotoluene	91	10.383	10.383	0.000	96	182327	20.0	19.1	
114 Butyl Methacrylate	87	10.440	10.440	0.000	83	77525	20.0	19.2	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	176683	20.0	20.2	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	96	233038	20.0	20.2	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	282781	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	94	120126	20.0	21.3	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	245622	20.0	20.7	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	94	186228	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	95	121048	20.0	21.0	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	235579	20.0	19.6	
123 Benzyl chloride	91	11.024	11.024	0.000	99	125311	20.0	19.8	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	95	238936	20.0	20.3	
125 p-Diethylbenzene	119	11.106	11.106	0.000	94	135054	20.0	20.7	
126 n-Butylbenzene	92	11.122	11.122	0.000	98	134293	20.0	20.1	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	96	124677	20.0	21.2	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	98	241050	20.0	20.3	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.656	0.000	94	15223	20.0	19.1	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	98	99615	20.0	22.0	
131 1,2,4-Trichlorobenzene	180	12.133	12.133	0.000	94	93901	20.0	21.8	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	95	34338	20.0	21.8	
133 Naphthalene	128	12.305	12.305	0.000	99	269903	20.0	20.6	
134 1,2,3-Trichlorobenzene	180	12.461	12.461	0.000	96	90543	20.0	22.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 136 Xylenes, Total	100				0		40.0	42.2	

QC Flag Legend

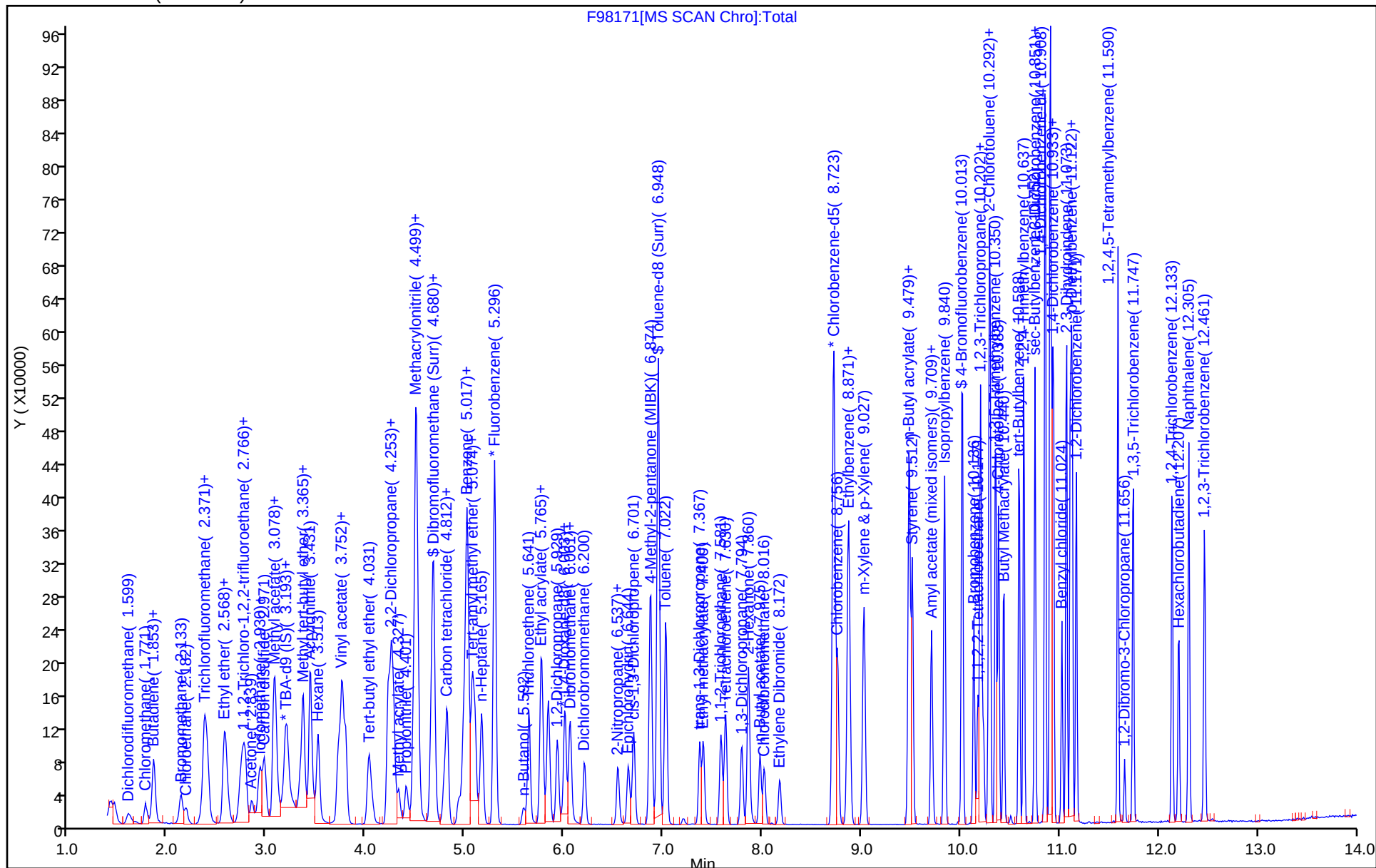
Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
GASES Li_00376	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98171.D

Injection Date: 07-Jul-2020 20:29:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

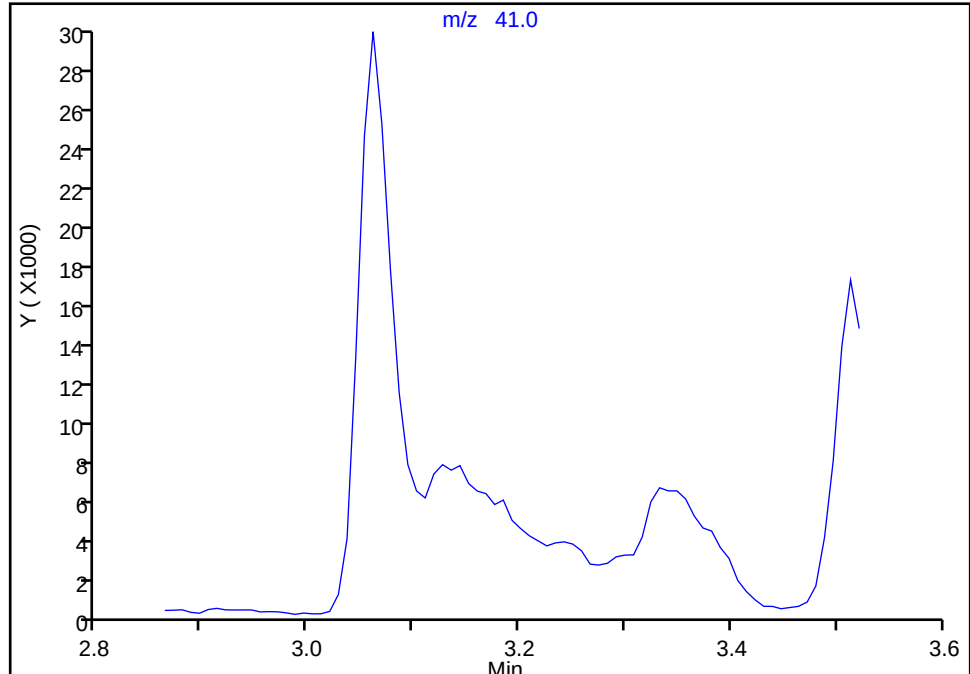
29 Acetonitrile, CAS: 75-05-8

Signal: 1

Not Detected

Expected RT: 3.13

Processing Integration Results



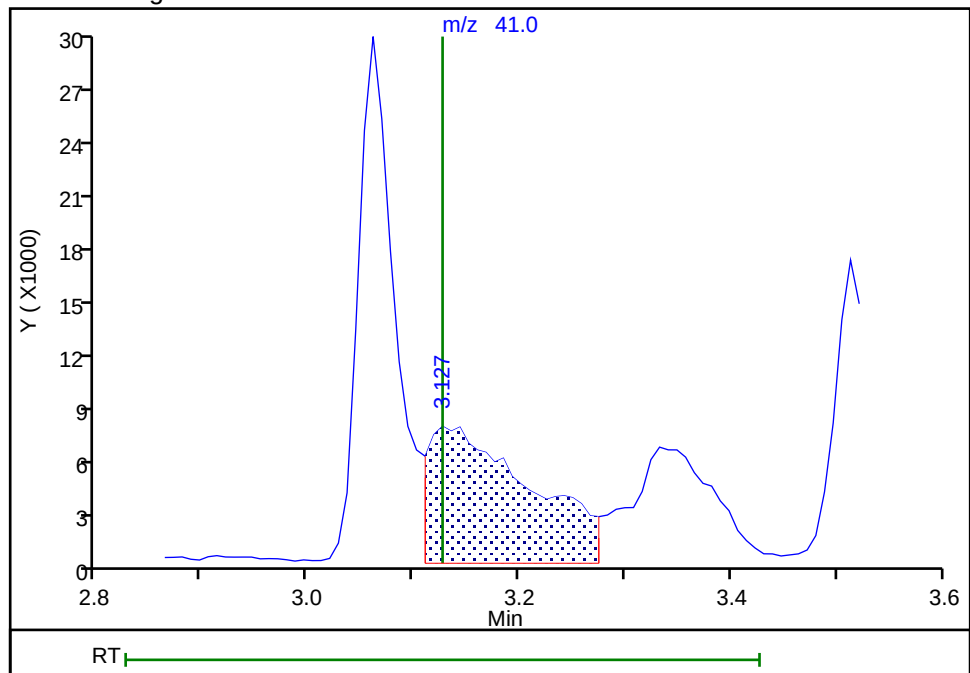
RT: 3.13

Area: 52135

Amount: 223.3746

Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 07-Jul-2020 20:53:44

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98171.D

Injection Date: 07-Jul-2020 20:29:30

Instrument ID: CVOAMS6

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

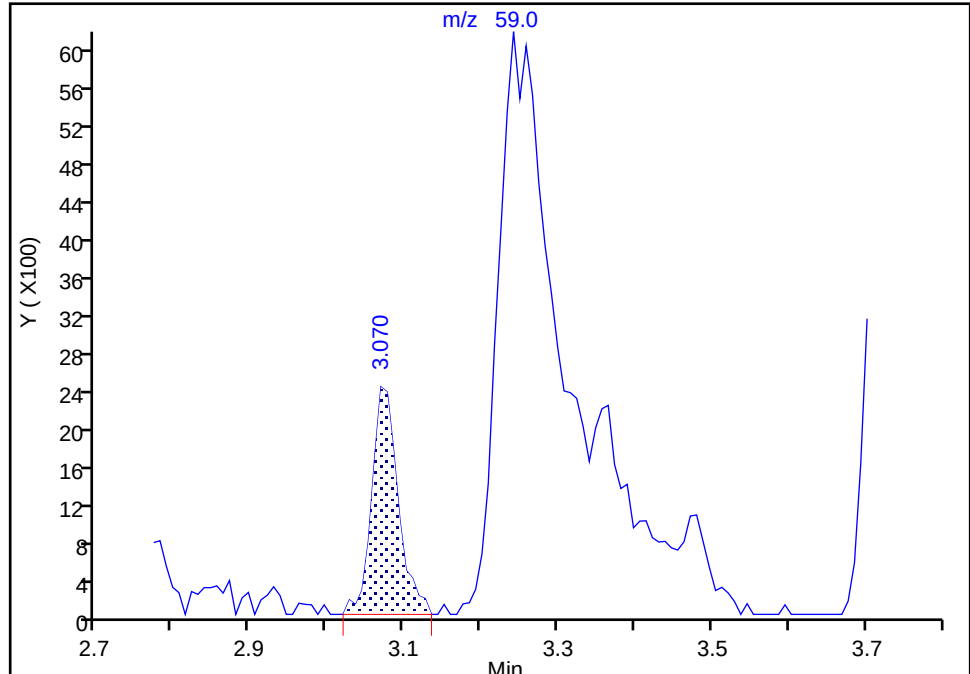
Detector: MS SCAN

32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

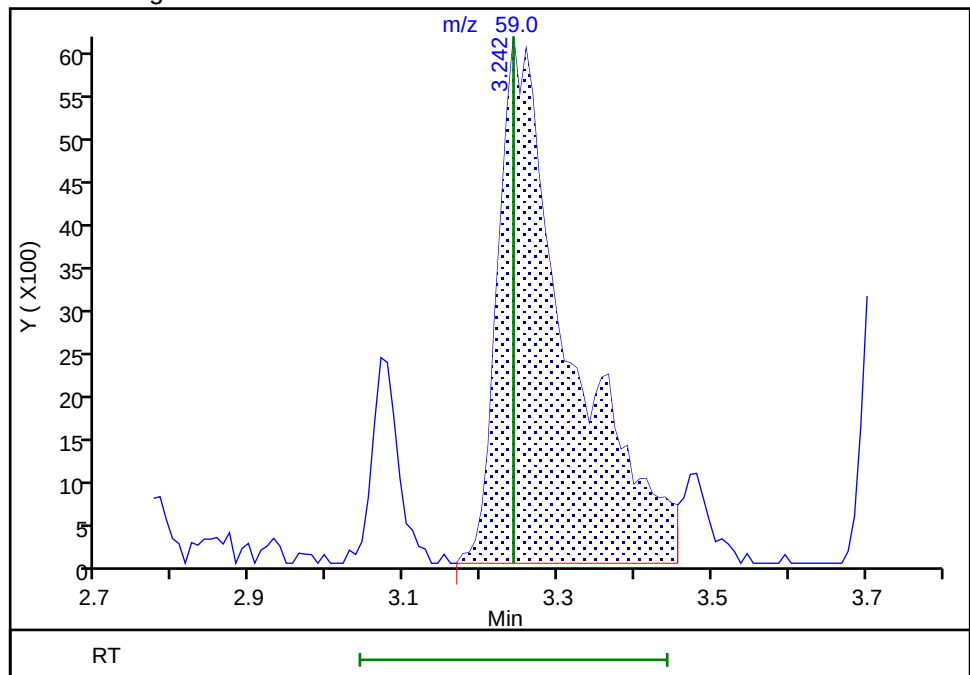
RT: 3.07
Area: 5740
Amount: 27.601014
Amount Units: ug/l

Processing Integration Results



RT: 3.24
Area: 39661
Amount: 190.7115
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 07-Jul-2020 20:53:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89501.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 11-Jun-2020 01:12:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0111447-001
Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
Method: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\8260624W_1.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 11-Jun-2020 08:09:02 Calib Date: 11-Jun-2020 04:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1066

First Level Reviewer: moroneyc

Date: 11-Jun-2020 08:09:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	2.946	2.946	0.000	88	45444	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00025

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89501.D

Injection Date: 11-Jun-2020 01:12:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

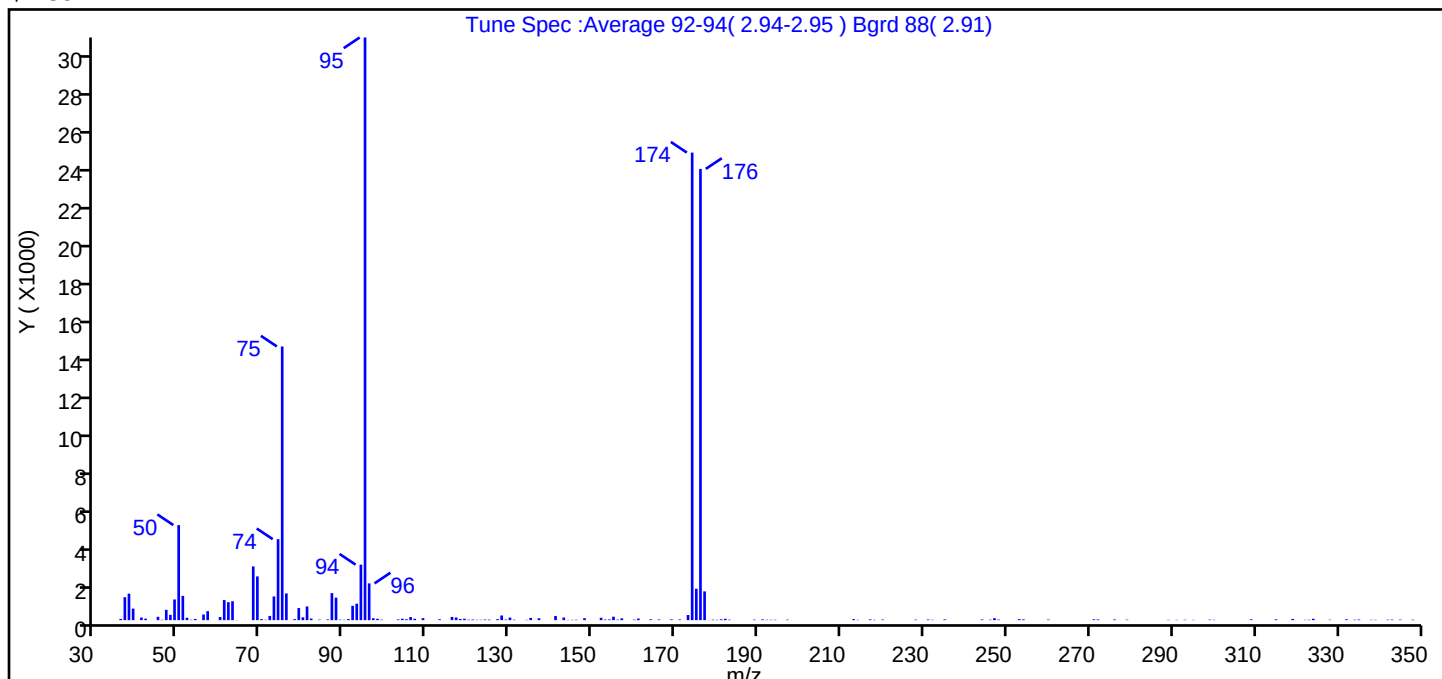
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.3
75	30 to 60% of m/z 95	47.0
96	5 to 9% of m/z 95	6.3
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	80.2
175	5 to 9% of m/z 174	5.4 (6.7)
176	Greater than 95% but less than 101% of m/z 174	77.4 (96.5)
177	5 to 9% of m/z 176	4.9 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89501.D\8260624W_1.rslt\spectra.d
Injection Date: 11-Jun-2020 01:12:30
Spectrum: Tune Spec :Average 92-94(2.94-2.95) Bgrd 88(2.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 155

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	65	86.00	37	141.00	218	220.00	31
37.00	1214	87.00	1433	143.00	139	228.00	28
38.00	1402	88.00	1192	144.00	12	231.00	35
39.00	611	89.00	24	145.00	18	232.00	19
41.00	139	90.00	17	146.00	23	235.00	40
42.00	77	91.00	57	148.00	103	244.00	36
45.00	177	92.00	758	152.00	125	246.00	24
46.00	19	93.00	871	153.00	31	247.00	104
47.00	546	94.00	2940	154.00	36	248.00	31
48.00	278	95.00	30856	155.00	183	253.00	50
49.00	1095	96.00	1947	156.00	25	254.00	40
50.00	5034	97.00	101	157.00	95	260.00	31
51.00	1284	98.00	72	160.00	28	271.00	43
52.00	126	99.00	24	161.00	84	272.00	37
53.00	19	103.00	38	164.00	44	276.00	36
54.00	63	104.00	75	166.00	34	279.00	26
56.00	296	105.00	48	169.00	39	289.00	18
57.00	475	106.00	164	171.00	36	291.00	18
60.00	165	107.00	73	173.00	271	293.00	21
61.00	1064	109.00	107	174.00	24760	295.00	16
62.00	952	113.00	45	175.00	1664	299.00	27
63.00	1002	116.00	172	176.00	23896	300.00	18
64.00	7	117.00	144	177.00	1523	309.00	43
68.00	2846	118.00	62	178.00	4	315.00	43
69.00	2316	119.00	76	179.00	26	319.00	63
70.00	54	120.00	24	180.00	17	322.00	17
71.00	18	121.00	34	181.00	45	323.00	22
72.00	223	122.00	18	182.00	73	324.00	72
73.00	1255	123.00	17	183.00	26	328.00	23
74.00	4288	124.00	31	189.00	28	332.00	46
75.00	14493	125.00	28	191.00	40	334.00	23
76.00	1416	127.00	52	192.00	20	335.00	35
77.00	1	128.00	248	193.00	20	338.00	20

Report Date: 11-Jun-2020 08:09:02

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89501.D\8260624W_1.rslt\spectra.d

Injection Date: 11-Jun-2020 01:12:30

Spectrum: Tune Spec :Average 92-94(2.94-2.95) Bgrd 88(2.91)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 155

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	54	129.00	30	194.00	23	339.00	17
79.00	639	130.00	135	197.00	27	342.00	25
80.00	150	131.00	24	213.00	55	343.00	30
81.00	727	134.00	17	214.00	18	345.00	28
82.00	84	135.00	119	217.00	40	348.00	25
84.00	26	137.00	101	218.00	18		

Report Date: 11-Jun-2020 08:09:02

Chrom Revision: 2.3 10-Jun-2020 22:46:48

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89501.D

Injection Date: 11-Jun-2020 01:12:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

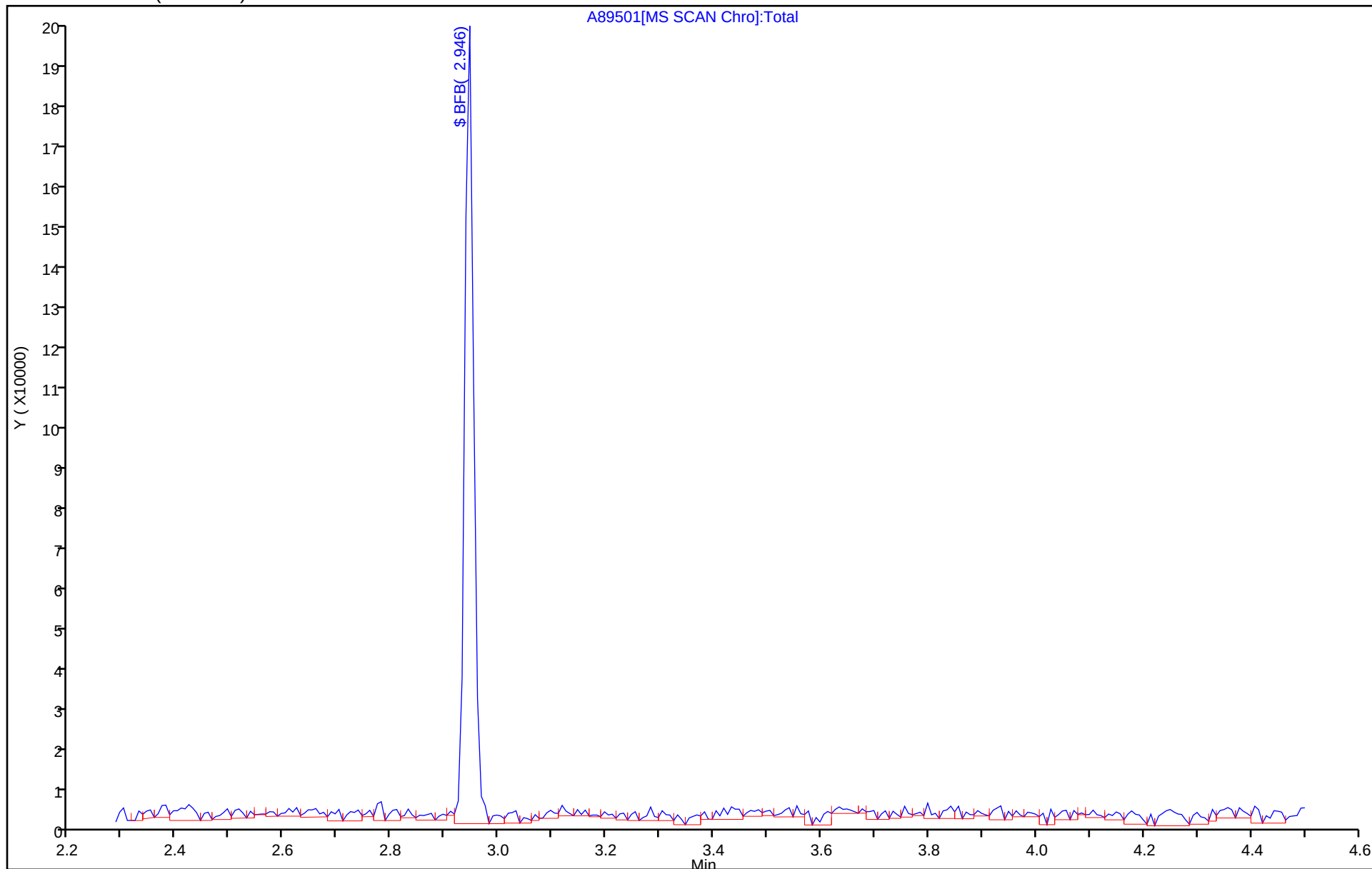
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90782.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 06-Jul-2020 18:32:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112801-001
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 08:50:59 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1023

First Level Reviewer: moroneyc

Date: 07-Jul-2020 06:25:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	2.946	2.946	0.000	88	29018	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00026

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90782.D

Injection Date: 06-Jul-2020 18:32:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

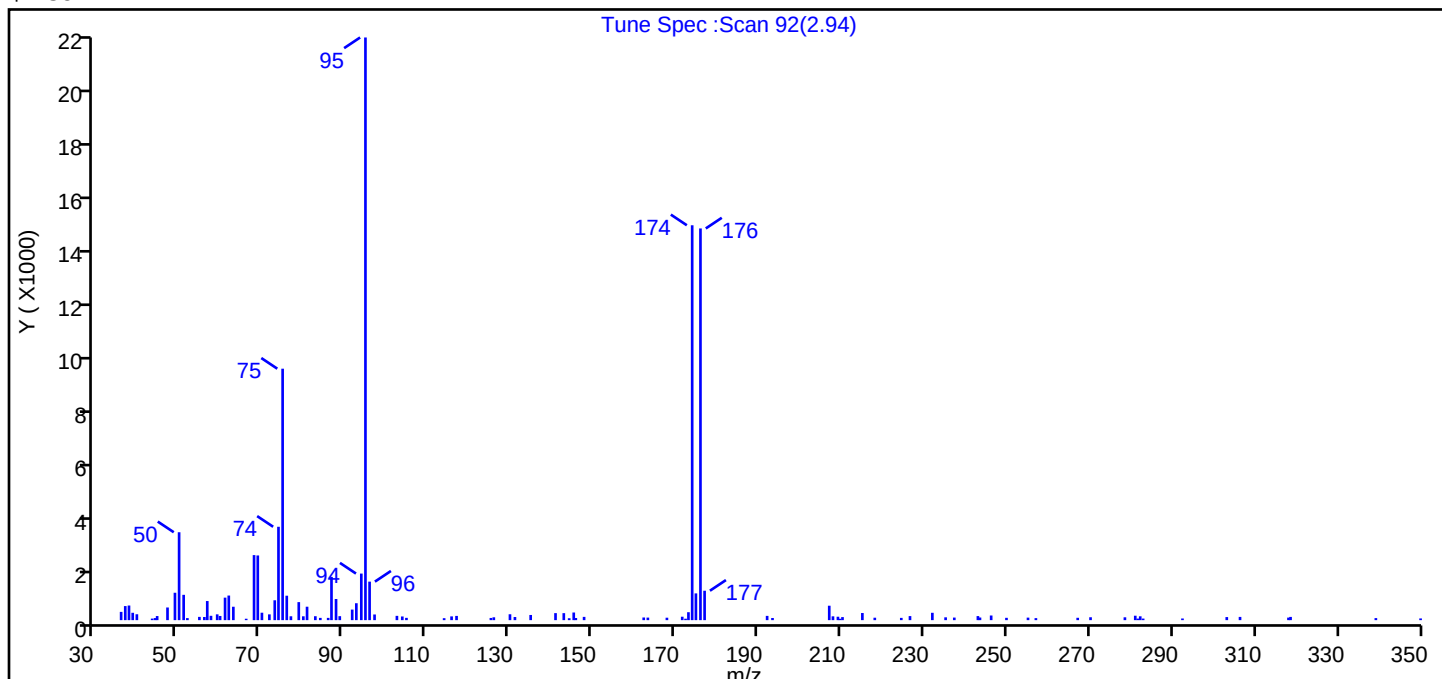
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 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	43.2
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	1.4 (2.0)
174	50 to 120% of m/z 95	67.8
175	5 to 9% of m/z 174	4.6 (6.8)
176	Greater than 95% but less than 101% of m/z 174	67.2 (99.2)
177	5 to 9% of m/z 176	5.0 (7.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90782.D\8260624W_1.rslt\spectra.d
Injection Date: 06-Jul-2020 18:32:30
Spectrum: Tune Spec :Scan 92(2.94)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 108

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	299	73.00	719	126.00	103	215.00	258
37.00	509	74.00	3378	130.00	213	218.00	88
38.00	529	75.00	9097	131.00	113	224.00	82
39.00	266	76.00	884	135.00	187	227.00	147
40.00	213	77.00	140	141.00	254	232.00	266
44.00	56	79.00	652	143.00	253	235.00	102
44.00	75	80.00	139	144.00	69	237.00	93
45.00	148	81.00	486	145.00	276	243.00	147
47.00	458	83.00	142	146.00	77	244.00	95
49.00	991	84.00	82	148.00	118	246.00	168
50.00	3180	86.00	82	162.00	96	250.00	84
51.00	916	87.00	1564	163.00	92	255.00	91
52.00	74	88.00	765	168.00	88	257.00	73
55.00	118	89.00	144	172.00	124	267.00	85
56.00	114	92.00	382	172.00	52	270.00	105
57.00	691	93.00	612	173.00	287	278.00	103
58.00	157	94.00	1685	174.00	14286	281.00	160
59.00	210	95.00	21080	175.00	968	282.00	56
60.00	151	96.00	1393	176.00	14171	282.00	139
61.00	814	97.00	205	177.00	1064	283.00	57
62.00	890	103.00	155	192.00	154	292.00	60
63.00	485	104.00	133	193.00	78	303.00	111
66.00	51	105.00	83	207.00	522	306.00	117
68.00	2353	114.00	71	208.00	138	318.00	92
69.00	2340	116.00	136	209.00	123	318.00	117
70.00	269	117.00	153	210.00	50	339.00	74
72.00	209	125.00	79	210.00	110	350.00	62

Report Date: 07-Jul-2020 08:50:59

Chrom Revision: 2.3 21-Jun-2020 18:30:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90782.D

Injection Date: 06-Jul-2020 18:32:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

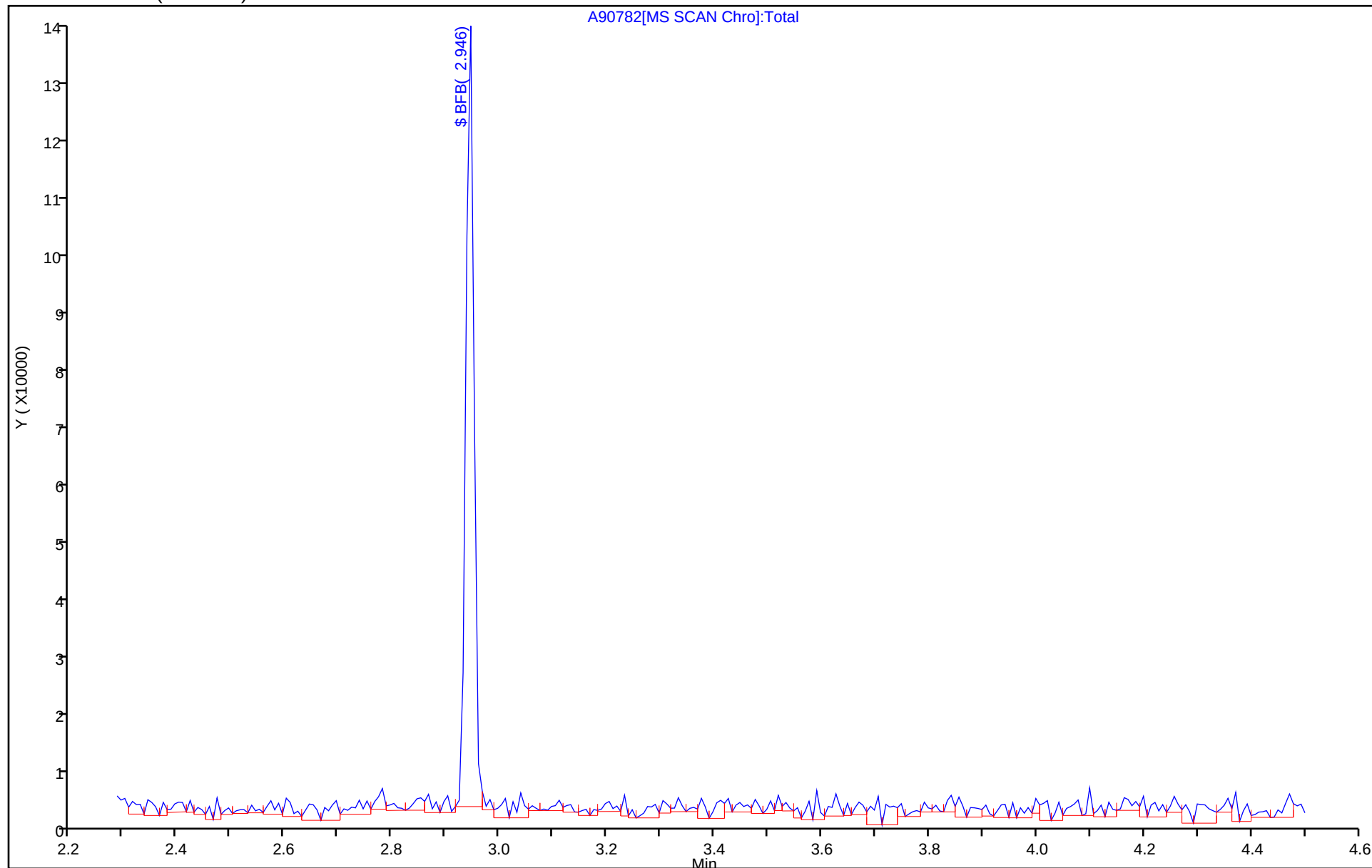
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90812.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 07-Jul-2020 07:46:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112826-001
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 10:37:28 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc

Date: 07-Jul-2020 07:54:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 139 BFB	95	2.946	2.946	0.000	92	50913	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00026

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90812.D

Injection Date: 07-Jul-2020 07:46:30

Instrument ID: CVOAMS1

Lims ID: BFB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

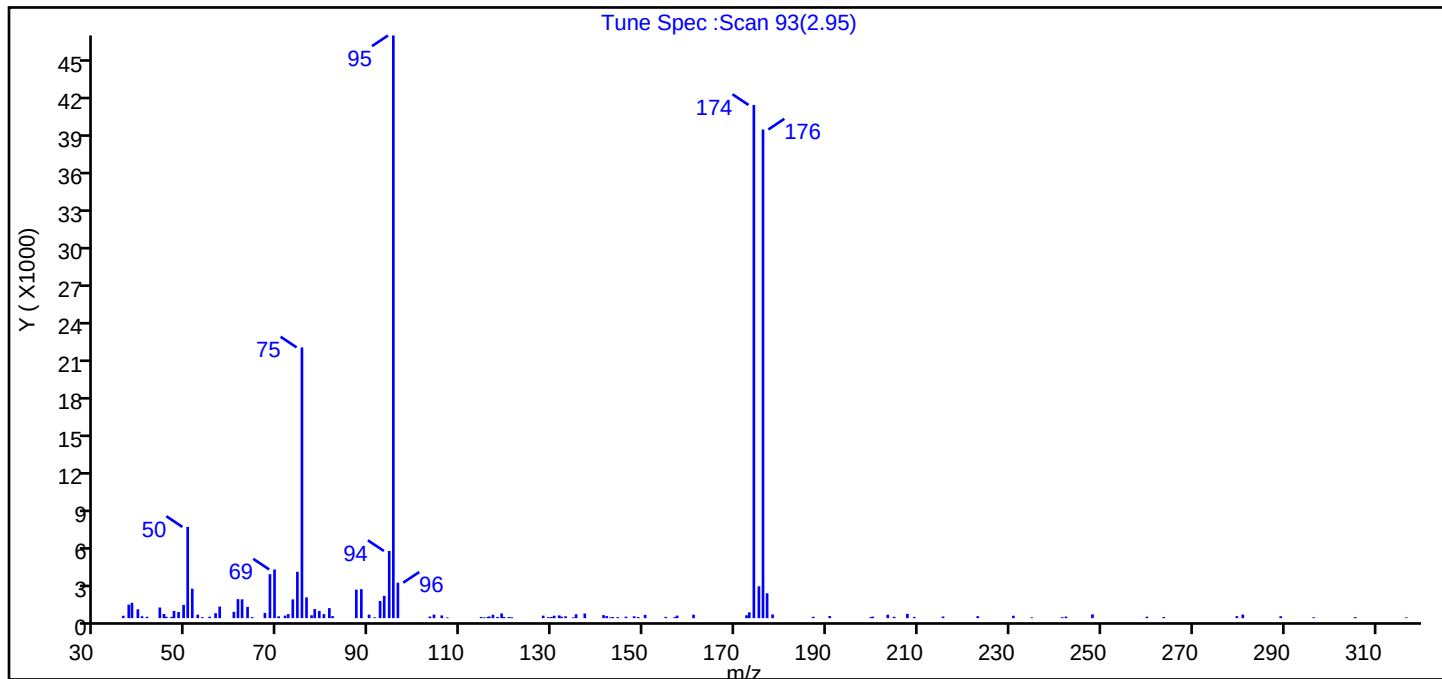
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	6.1
173	Less than 2% of m/z 174	1.0 (1.1)
174	50 to 120% of m/z 95	88.1
175	5 to 9% of m/z 174	5.5 (6.2)
176	Greater than 95% but less than 101% of m/z 174	83.9 (95.2)
177	5 to 9% of m/z 176	4.3 (5.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90812.D\8260624W_1.rslt\spectra.d
Injection Date: 07-Jul-2020 07:46:30
Spectrum: Tune Spec :Scan 93(2.95)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	188	72.00	319	119.00	369	175.00	2523
37.00	1069	73.00	1485	119.00	97	176.00	38712
38.00	1219	74.00	3670	120.00	86	177.00	1971
39.00	702	75.00	21448	121.00	75	178.00	289
40.00	147	76.00	1642	128.00	197	187.00	107
41.00	110	77.00	228	129.00	83	191.00	170
44.00	844	78.00	721	130.00	95	200.00	79
45.00	331	79.00	567	130.00	191	200.00	119
45.00	110	80.00	318	131.00	218	203.00	272
47.00	103	81.00	795	132.00	121	205.00	108
47.00	573	82.00	160	133.00	146	208.00	341
48.00	482	87.00	2257	134.00	67	209.00	97
49.00	1052	88.00	2295	135.00	305	215.00	131
50.00	7227	90.00	281	137.00	365	223.00	159
51.00	2331	91.00	66	141.00	241	231.00	190
52.00	275	92.00	1361	142.00	164	235.00	62
53.00	77	93.00	1767	143.00	57	242.00	72
55.00	113	94.00	5320	143.00	88	242.00	124
56.00	392	95.00	46160	144.00	81	248.00	298
57.00	918	96.00	2808	146.00	116	260.00	115
60.00	502	103.00	127	148.00	149	264.00	94
61.00	1507	104.00	285	149.00	89	280.00	158
62.00	1493	106.00	215	150.00	260	281.00	280
63.00	893	107.00	58	155.00	100	289.00	150
64.00	83	114.00	93	157.00	78	296.00	70
67.00	413	115.00	65	157.00	201	306.00	88
68.00	3480	116.00	98	161.00	272	317.00	60
69.00	3855	116.00	126	172.00	227		
70.00	143	117.00	267	173.00	457		
71.00	200	118.00	98	174.00	40656		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90812.D

Injection Date: 07-Jul-2020 07:46:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

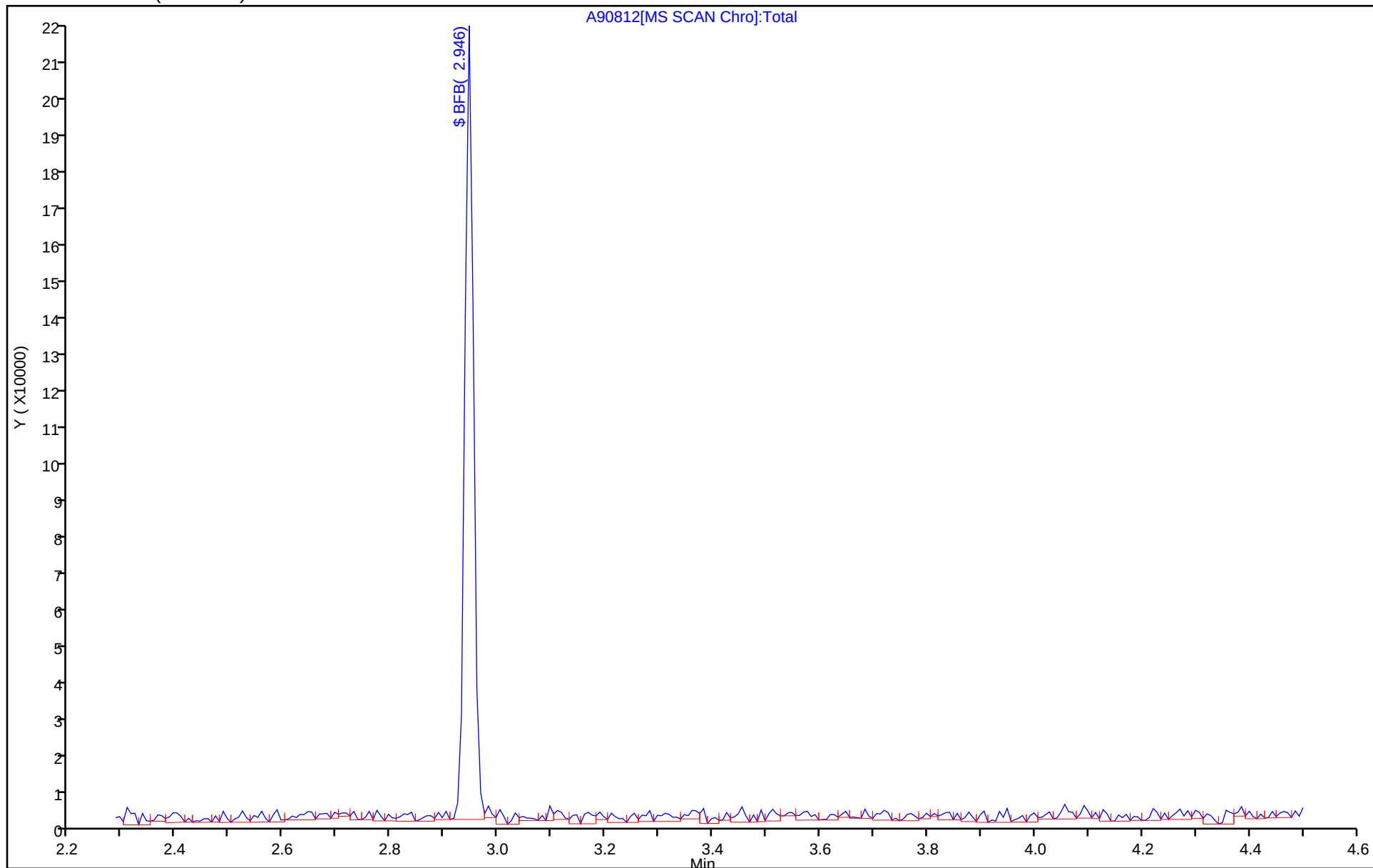
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97859.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 01-Jul-2020 15:18:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112547-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 02-Jul-2020 13:23:38 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1002

First Level Reviewer: kluseys

Date: 01-Jul-2020 15:29:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 137 BFB	95	2.531	2.531	0.000	85	433155	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00026

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97859.D

Injection Date: 01-Jul-2020 15:18:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#: 1

Injection Vol: 5.0 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

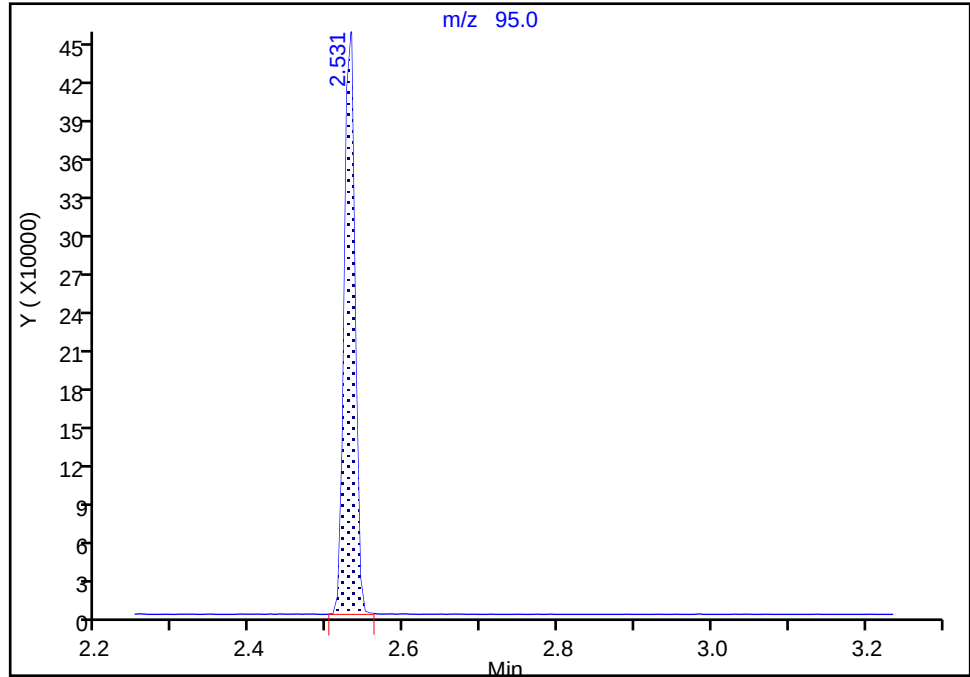
Detector: MS SCAN

\$ 137 BFB, CAS: 460-00-4

Signal: 1

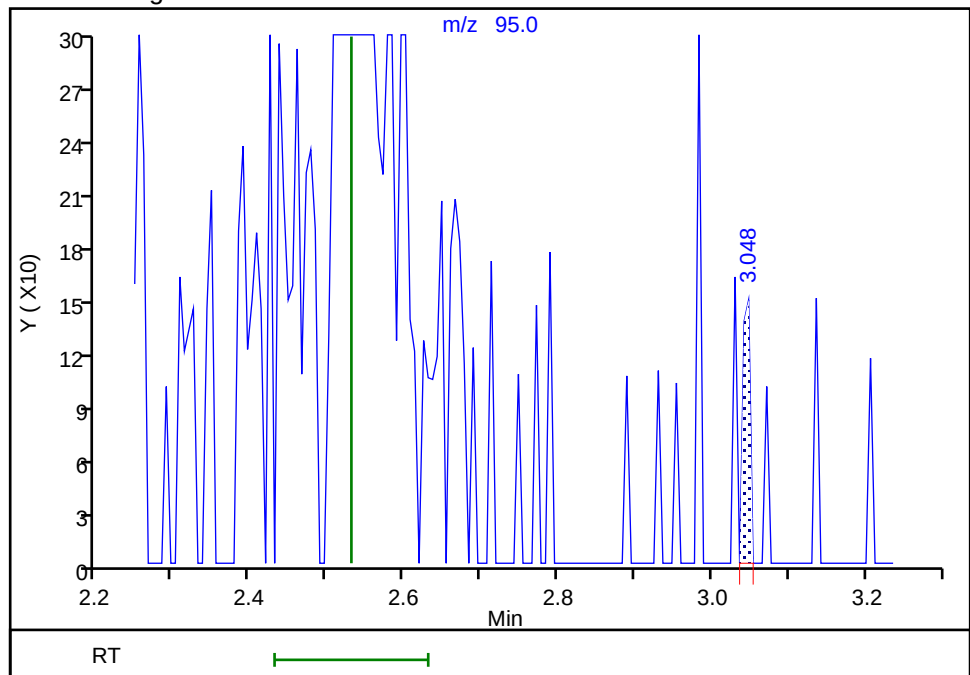
RT: 2.53
Area: 433155
Amount: 0
Amount Units: ug/l

Processing Integration Results



RT: 3.05
Area: 101
Amount: 0
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 01-Jul-2020 15:29:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97859.D

Injection Date: 01-Jul-2020 15:18:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

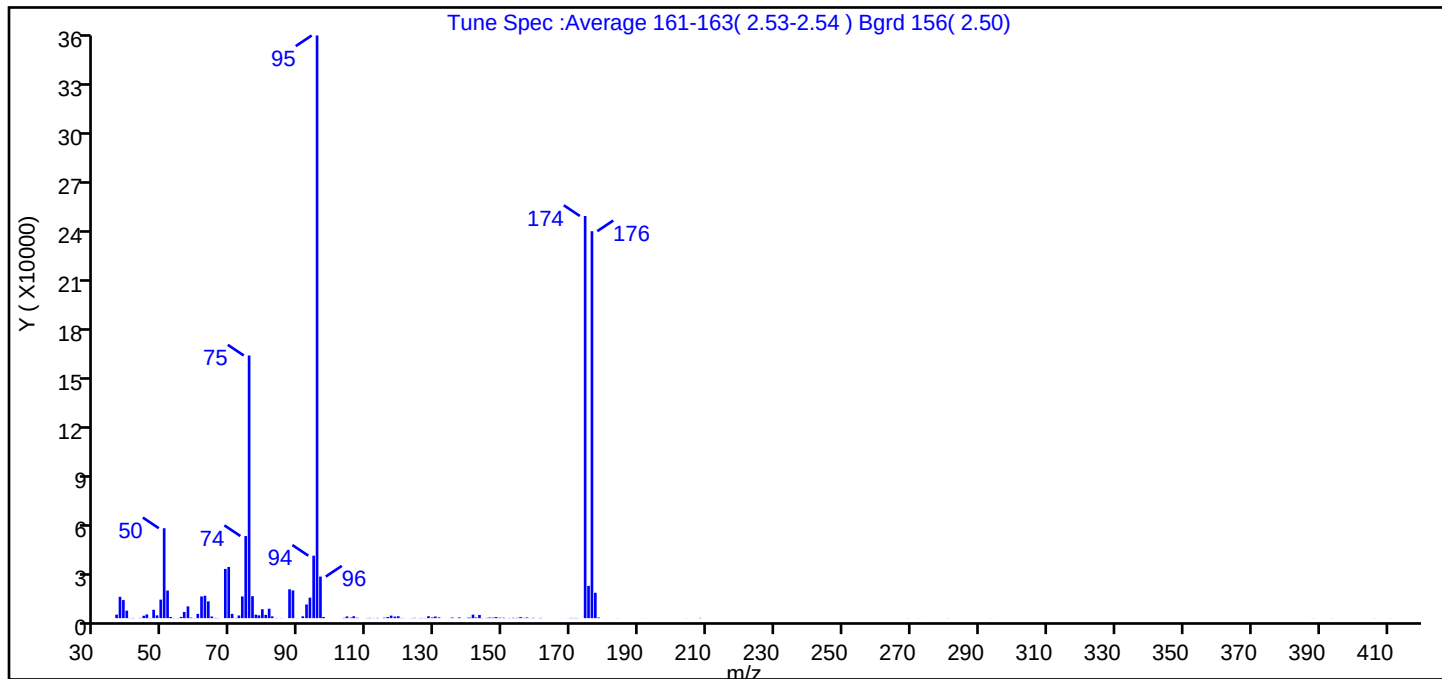
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 137 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	45.1
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	69.0
175	5 to 9% of m/z 174	5.5 (8.0)
176	Greater than 95% but less than 101% of m/z 174	66.4 (96.2)
177	5 to 9% of m/z 176	4.4 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97859.D\8260624W6.rslt\spectra.d
Injection Date: 01-Jul-2020 15:18:30
Spectrum: Tune Spec :Average 161-163(2.53-2.54) Bgrd 156(2.50)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2104	71.00	143	115.00	289	152.00	109
37.00	12821	72.00	1626	116.00	695	153.00	211
38.00	10873	73.00	13048	117.00	1510	154.00	183
39.00	4515	74.00	49384	118.00	936	155.00	620
40.00	78	75.00	157952	119.00	1139	156.00	144
41.00	128	76.00	13210	120.00	137	157.00	390
43.00	141	77.00	2109	121.00	35	158.00	50
44.00	1436	78.00	1686	123.00	85	159.00	214
45.00	2225	79.00	5368	124.00	166	161.00	35
46.00	110	80.00	1966	125.00	59	161.00	132
47.00	5041	81.00	5674	126.00	119	167.00	40
48.00	1680	82.00	1068	127.00	79	169.00	46
49.00	11133	83.00	116	128.00	1166	170.00	147
50.00	54072	85.00	76	129.00	431	171.00	117
51.00	16608	87.00	17352	130.00	966	172.00	106
52.00	708	88.00	16680	131.00	459	174.00	241856
53.00	86	89.00	44	134.00	41	175.00	19384
54.00	101	91.00	1079	135.00	386	176.00	232704
55.00	731	92.00	8234	137.00	444	177.00	15263
56.00	3740	93.00	12339	138.00	41	178.00	382
57.00	7087	94.00	37560	140.00	233	184.00	47
58.00	328	95.00	350400	140.00	285	191.00	35
59.00	58	96.00	25008	141.00	2097	204.00	35
60.00	2567	97.00	712	142.00	390	208.00	158
61.00	13057	103.00	204	143.00	1920	269.00	54
62.00	13464	104.00	1035	144.00	85	272.00	36
63.00	10092	105.00	336	145.00	167	281.00	58
64.00	981	106.00	1145	146.00	342	294.00	43
65.00	152	107.00	240	147.00	314	388.00	44
66.00	93	110.00	105	148.00	666	394.00	40
68.00	29600	111.00	161	149.00	273	406.00	40
69.00	30768	112.00	64	150.00	253	411.00	49
70.00	2587	113.00	144	151.00	35		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2104	71.00	143	115.00	289	152.00	109
37.00	12821	72.00	1626	116.00	695	153.00	211
38.00	10873	73.00	13048	117.00	1510	154.00	183
39.00	4515	74.00	49384	118.00	936	155.00	620
40.00	78	75.00	157952	119.00	1139	156.00	144
41.00	128	76.00	13210	120.00	137	157.00	390
43.00	141	77.00	2109	121.00	35	158.00	50
44.00	1436	78.00	1686	123.00	85	159.00	214
45.00	2225	79.00	5368	124.00	166	161.00	35
46.00	110	80.00	1966	125.00	59	161.00	132
47.00	5041	81.00	5674	126.00	119	167.00	40
48.00	1680	82.00	1068	127.00	79	169.00	46
49.00	11133	83.00	116	128.00	1166	170.00	147
50.00	54072	85.00	76	129.00	431	171.00	117
51.00	16608	87.00	17352	130.00	966	172.00	106
52.00	708	88.00	16680	131.00	459	174.00	241856
53.00	86	89.00	44	134.00	41	175.00	19384
54.00	101	91.00	1079	135.00	386	176.00	232704
55.00	731	92.00	8234	137.00	444	177.00	15263
56.00	3740	93.00	12339	138.00	41	178.00	382
57.00	7087	94.00	37560	140.00	233	184.00	47
58.00	328	95.00	350400	140.00	285	191.00	35
59.00	58	96.00	25008	141.00	2097	204.00	35
60.00	2567	97.00	712	142.00	390	208.00	158
61.00	13057	103.00	204	143.00	1920	269.00	54
62.00	13464	104.00	1035	144.00	85	272.00	36
63.00	10092	105.00	336	145.00	167	281.00	58
64.00	981	106.00	1145	146.00	342	294.00	43
65.00	152	107.00	240	147.00	314	388.00	44
66.00	93	110.00	105	148.00	666	394.00	40
68.00	29600	111.00	161	149.00	273	406.00	40
69.00	30768	112.00	64	150.00	253	411.00	49
70.00	2587	113.00	144	151.00	35		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97859.D

Injection Date: 01-Jul-2020 15:18:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

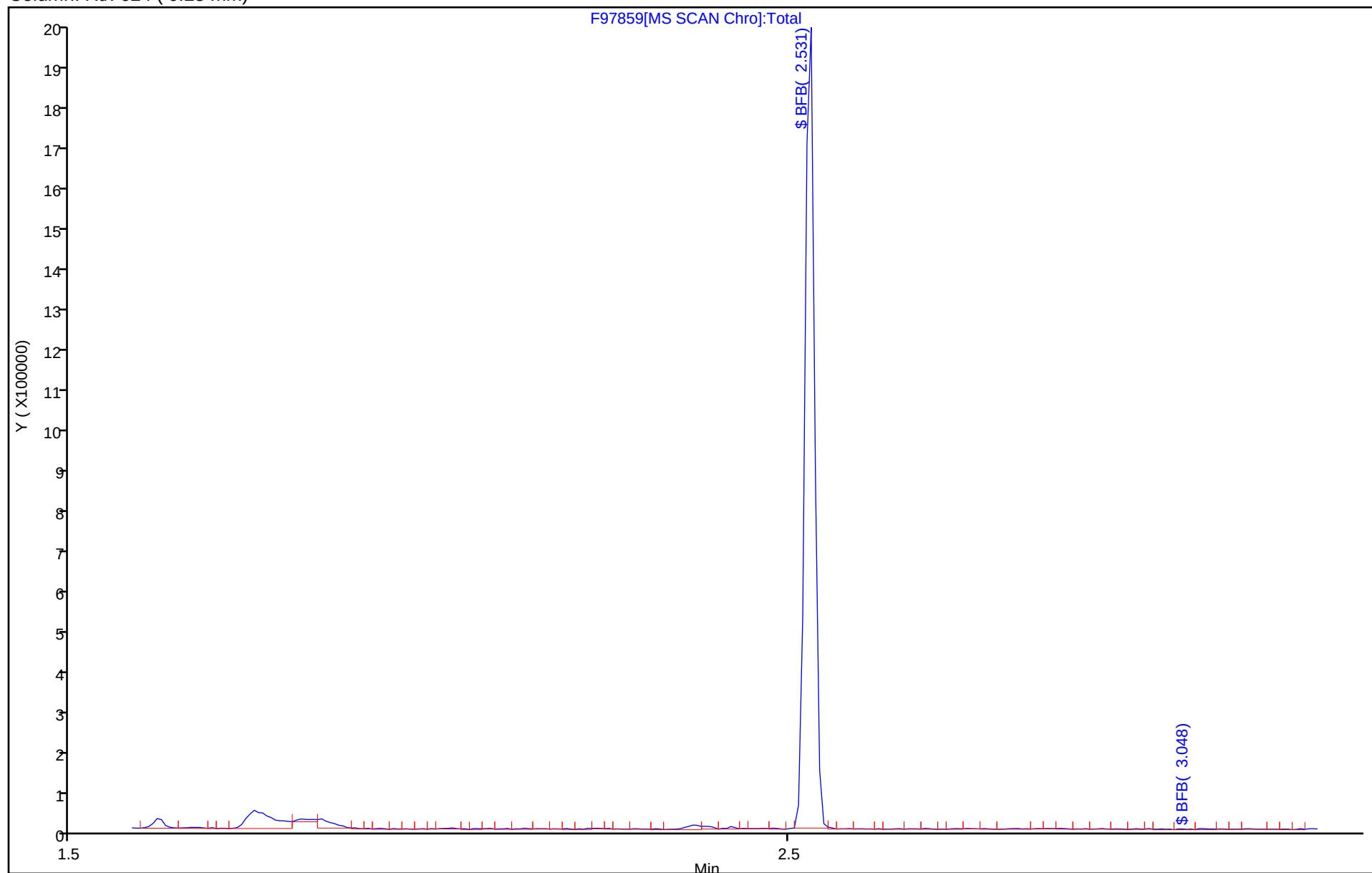
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98168.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 07-Jul-2020 19:17:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112863-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 23:12:25 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1005

First Level Reviewer: yallabg

Date: 07-Jul-2020 19:26:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 137 BFB	95	2.531	2.531	0.000	86	247127	NR	NR	a

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

BFB_00026

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98168.D

Injection Date: 07-Jul-2020 19:17:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

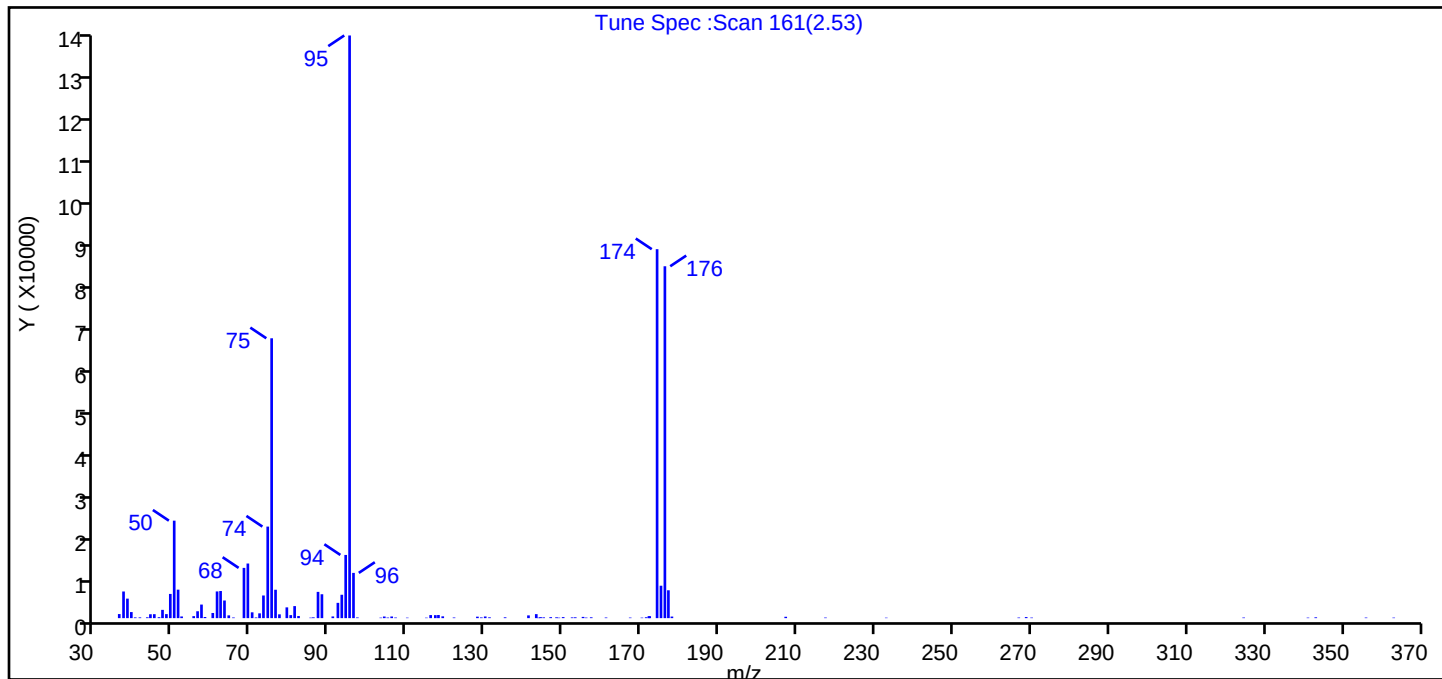
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.7
75	30 to 60% of m/z 95	48.0
96	5 to 9% of m/z 95	7.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	63.3
175	5 to 9% of m/z 174	5.6 (8.8)
176	Greater than 95% but less than 101% of m/z 174	60.4 (95.4)
177	5 to 9% of m/z 176	4.8 (7.9)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98168.D\8260624W6.rslt\spectra.d
Injection Date: 07-Jul-2020 19:17:30
Spectrum: Tune Spec :Scan 161(2.53)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 104

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	912	68.00	11238	104.00	363	153.00	185
37.00	5959	69.00	12215	105.00	131	155.00	279
38.00	4364	70.00	1303	106.00	369	156.00	123
39.00	1358	71.00	149	107.00	134	157.00	187
40.00	166	72.00	1073	110.00	107	161.00	141
41.00	165	73.00	5066	115.00	106	167.00	126
43.00	182	74.00	20472	116.00	686	170.00	113
44.00	870	75.00	62584	117.00	669	171.00	196
45.00	886	76.00	6351	118.00	701	172.00	434
46.00	208	77.00	852	119.00	402	172.00	428
47.00	1852	79.00	2409	122.00	143	174.00	82504
48.00	902	80.00	678	128.00	329	175.00	7250
49.00	5415	81.00	2694	129.00	158	176.00	78688
50.00	21800	82.00	473	130.00	369	177.00	6232
51.00	6369	85.00	109	131.00	180	178.00	355
52.00	376	86.00	178	135.00	184	207.00	306
55.00	445	87.00	5873	141.00	616	217.00	128
56.00	1542	88.00	5345	143.00	897	233.00	102
57.00	3037	91.00	378	144.00	111	267.00	134
58.00	255	92.00	3419	144.00	221	269.00	238
60.00	1154	93.00	5228	145.00	170	270.00	124
61.00	5973	94.00	14135	147.00	221	324.00	134
62.00	6065	95.00	130296	148.00	187	341.00	117
63.00	3946	96.00	10118	149.00	105	343.00	182
64.00	621	97.00	153	150.00	230	356.00	129
65.00	143	103.00	112	152.00	163	363.00	117

Report Date: 07-Jul-2020 23:12:25

Chrom Revision: 2.3 21-Jun-2020 18:30:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98168.D

Injection Date: 07-Jul-2020 19:17:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

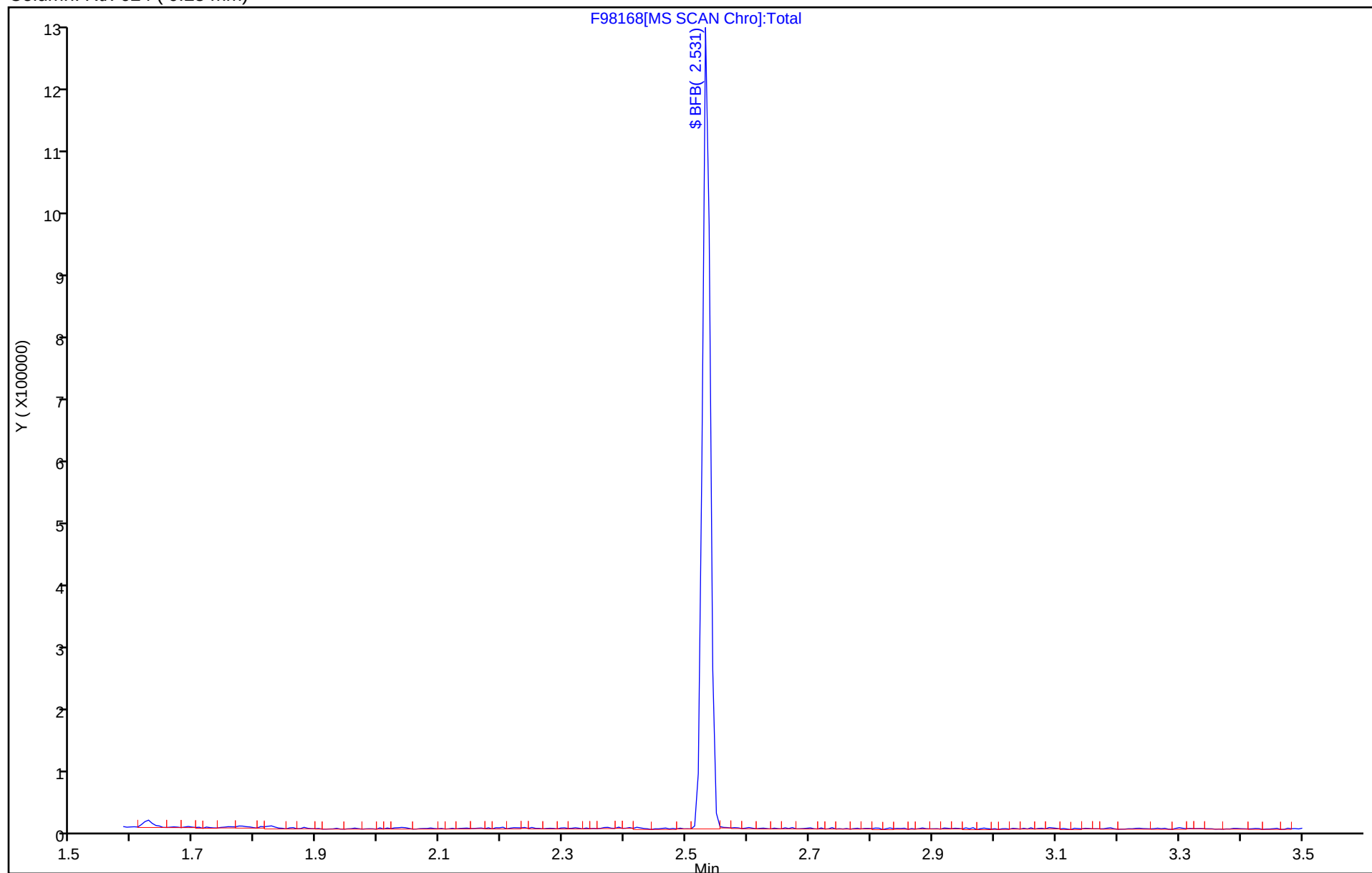
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-706284/10
 Matrix: Water Lab File ID: A90791.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 22:13
 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.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.457	J	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-706284/10
 Matrix: Water Lab File ID: A90791.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 22:13
 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.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		75-123
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-706284/10
Matrix: Water Lab File ID: A90791.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 22:13
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.: 706284 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 06-Jul-2020 22:13:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: mb
 Misc. Info.: 460-0112801-010
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:28:16 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: moroneyc

Date: 07-Jul-2020 06:57:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.659	3.666	-0.007	33	288357	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	87	256866	250.0	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.061	5.062	-0.001	97	123304	50.0	46.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	37	135368	50.0	44.7	
* 66 Fluorobenzene	96	5.561	5.555	0.006	100	569100	50.0	50.0	
* 72 1,4-Dioxane-d8	96	6.122	6.128	-0.006	22	34144	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	465675	50.0	46.7	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	394693	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	95	147208	50.0	51.0	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	226801	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	11.237	11.231	0.006	32	1304		0.4571	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00209 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D

Injection Date: 06-Jul-2020 22:13:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

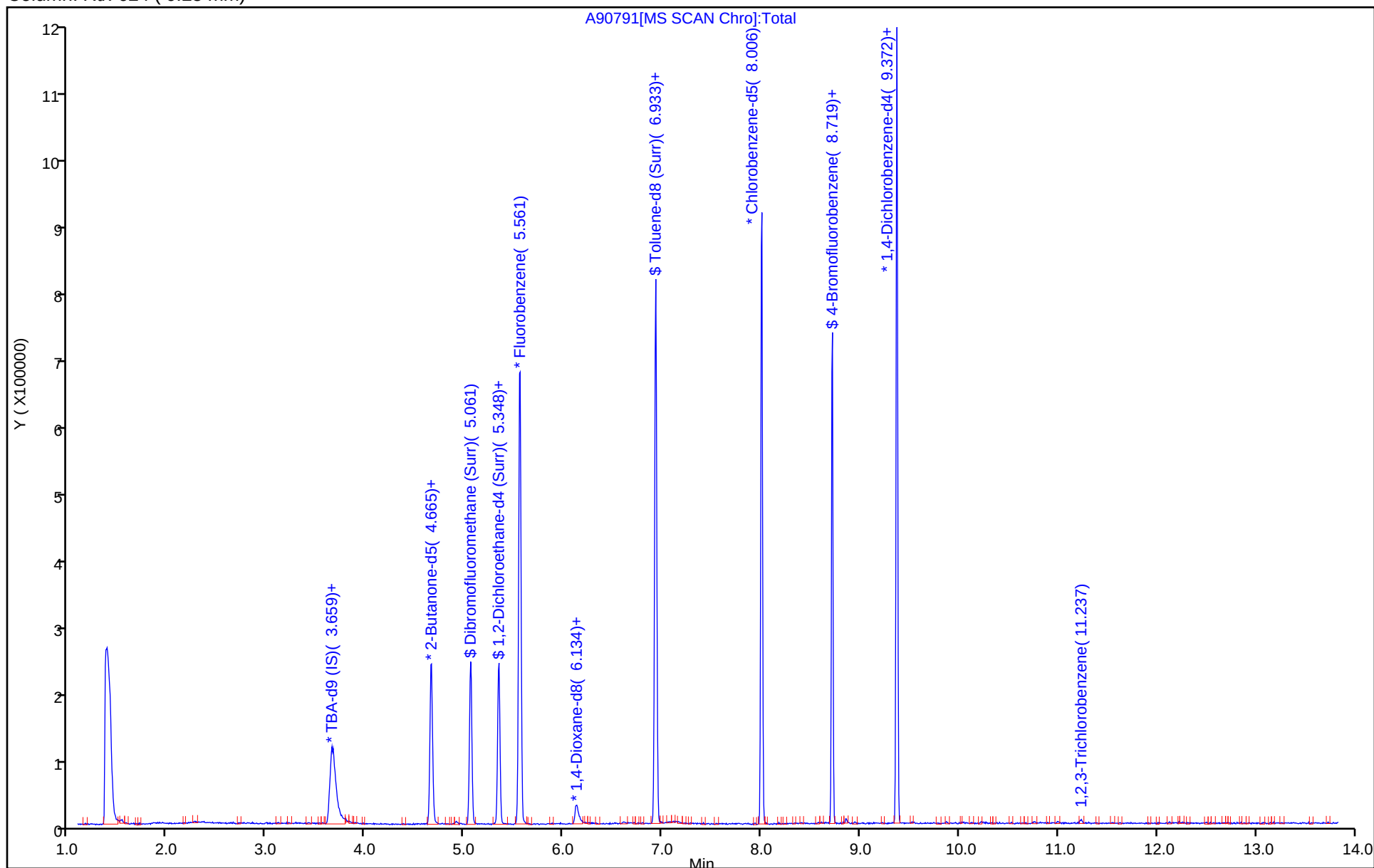
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D

Injection Date: 06-Jul-2020 22:13:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

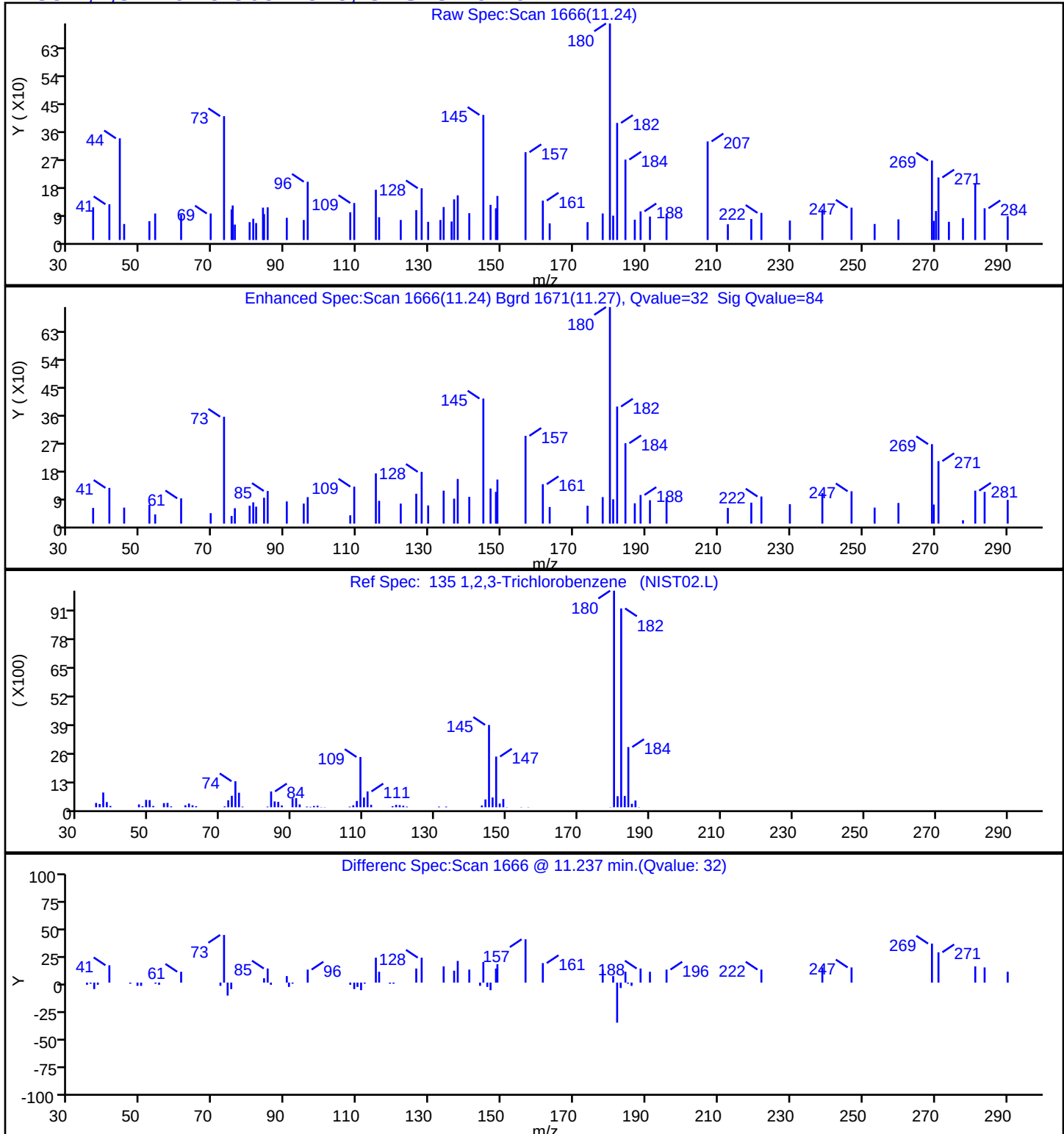
Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D

Injection Date: 06-Jul-2020 22:13:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

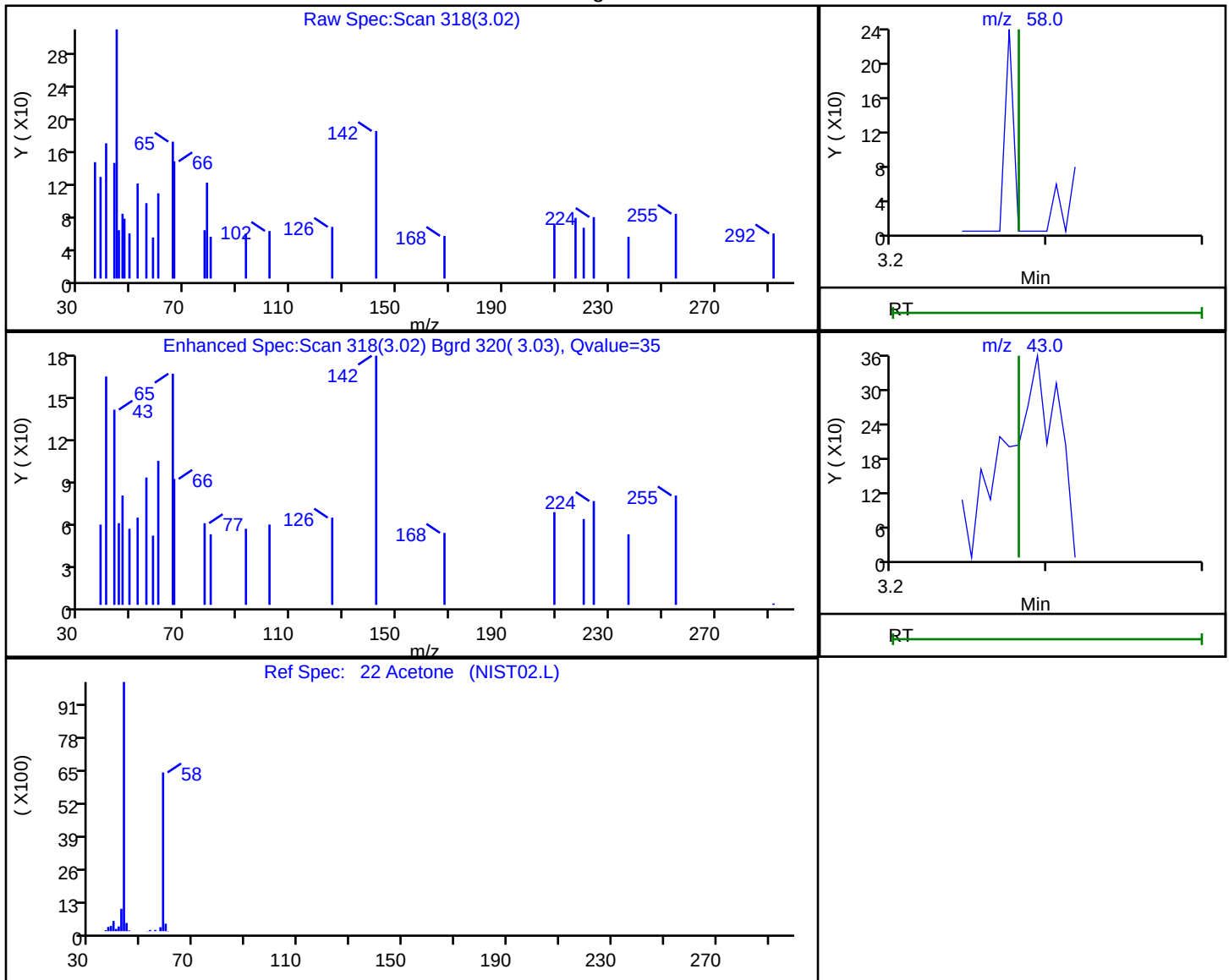
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.02	58.00	18	0.054730
3.03	43.00	150	

Reviewer: moroneyc, 07-Jul-2020 06:56:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D

Injection Date: 06-Jul-2020 22:13:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

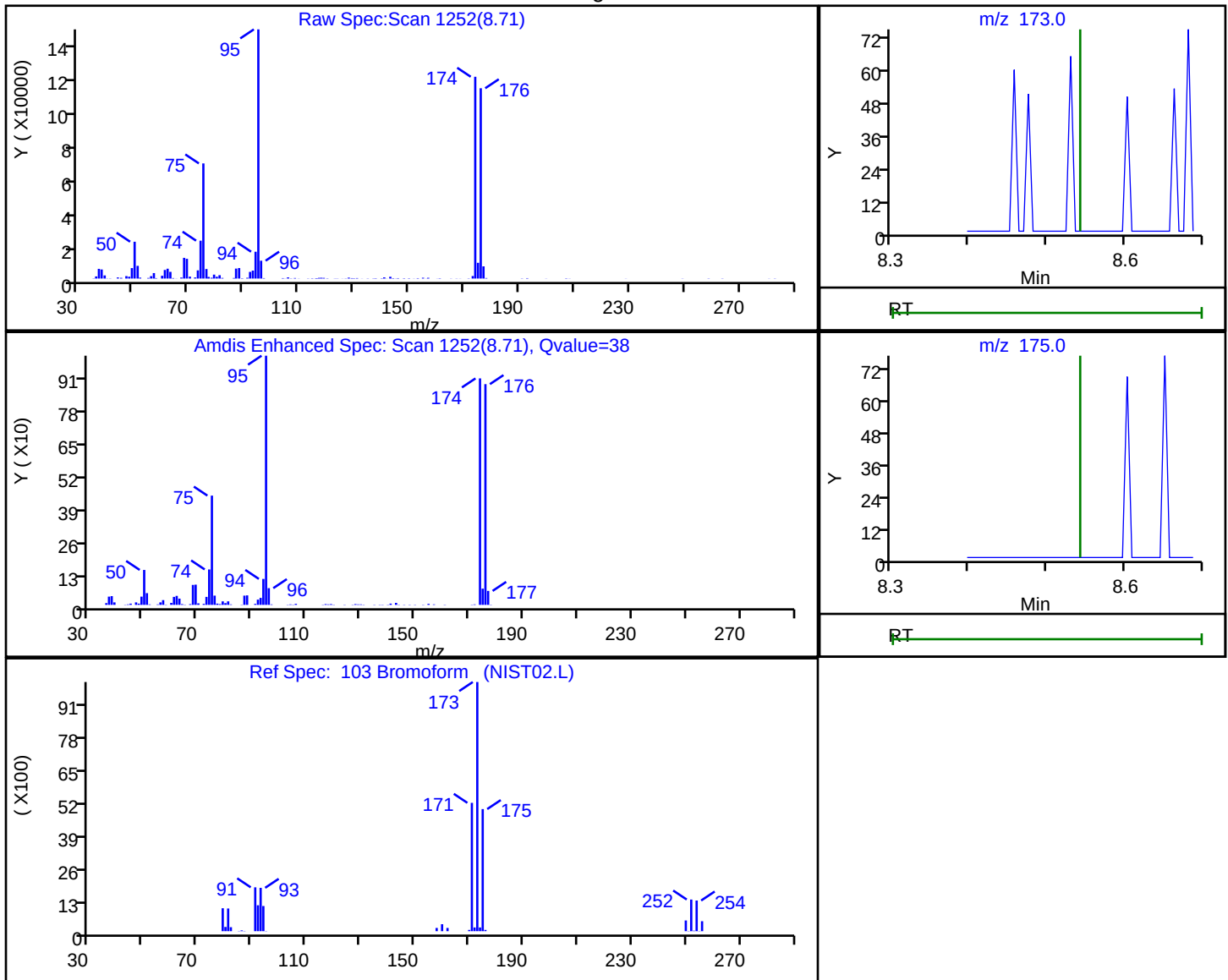
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.71	173.00	1074	1.352426
8.72	175.00	11370	

Reviewer: moroneyc, 07-Jul-2020 06:57:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90791.D

Injection Date: 06-Jul-2020 22:13:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

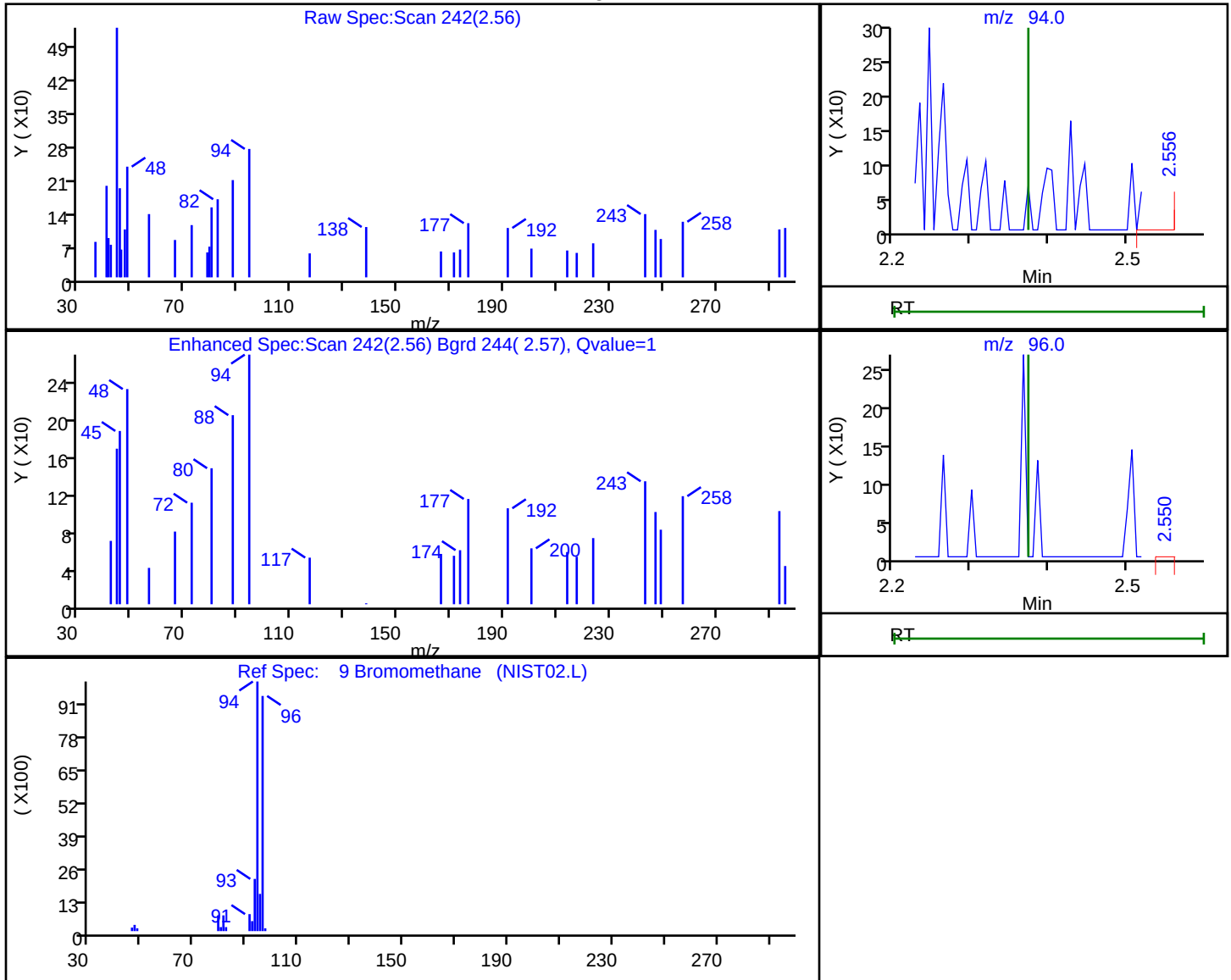
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.56	94.00	213	0.054885
2.55	96.00	33	

Reviewer: moroneyc, 07-Jul-2020 06:56:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-706392/9
 Matrix: Water Lab File ID: A90820.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-706392/9
 Matrix: Water Lab File ID: A90820.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 11:55
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-123
460-00-4	Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-706392/9
Matrix: Water Lab File ID: A90820.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 11:55
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 706392 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2020 11:55:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0112826-009
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:52:00 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: moroneyc

Date: 07-Jul-2020 12:26:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.665	3.678	-0.013	33	286091	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.665	4.665	0.000	87	265451	250.0	250.0	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.061	0.001	97	125753	50.0	48.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	37	135808	50.0	45.5	
* 66 Fluorobenzene	96	5.561	5.561	0.000	100	560991	50.0	50.0	
* 72 1,4-Dioxane-d8	96	6.135	6.128	0.006	22	34524	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	486679	50.0	48.6	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	396485	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	8.732	8.731	0.001	92	151053	50.0	52.1	
* 121 1,4-Dichlorobenzene-d4	152	9.396	9.402	-0.006	94	226222	50.0	50.0	

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D

Injection Date: 07-Jul-2020 11:55:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

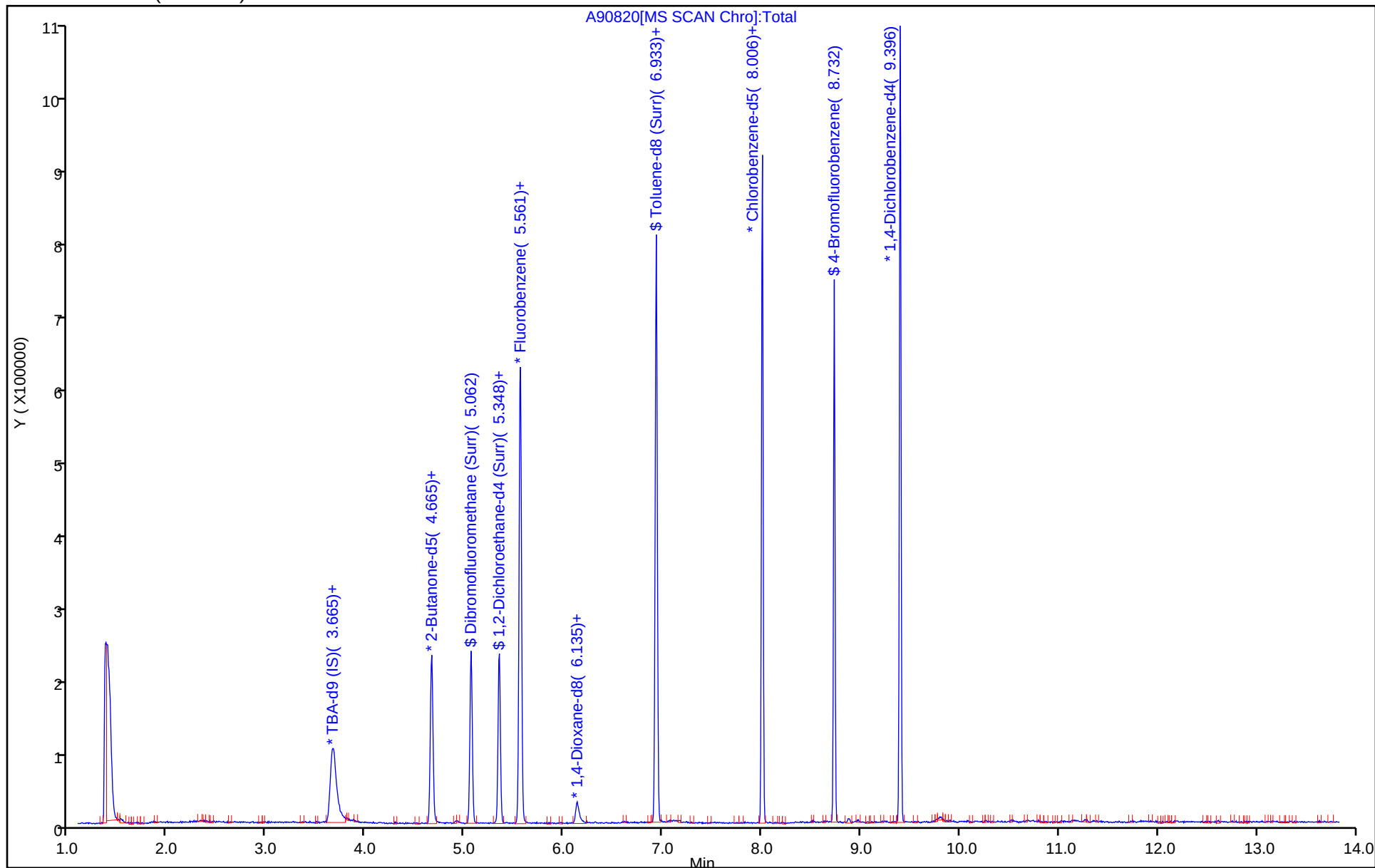
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D

Injection Date: 07-Jul-2020 11:55:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

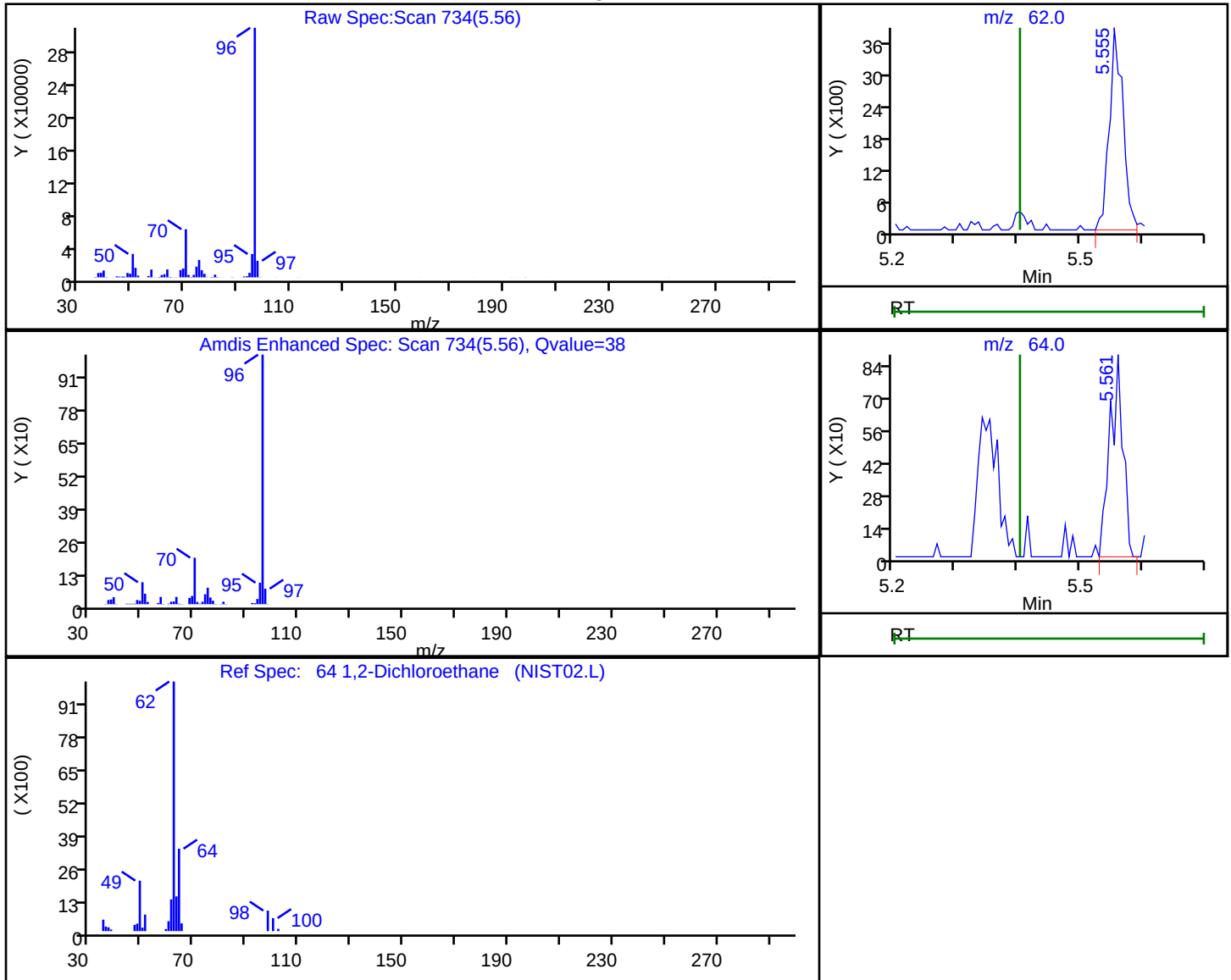
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

64 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.56	62.00	5841	1.633104
5.56	64.00	1290	

Reviewer: moroneyc, 07-Jul-2020 12:26:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D

Injection Date: 07-Jul-2020 11:55:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

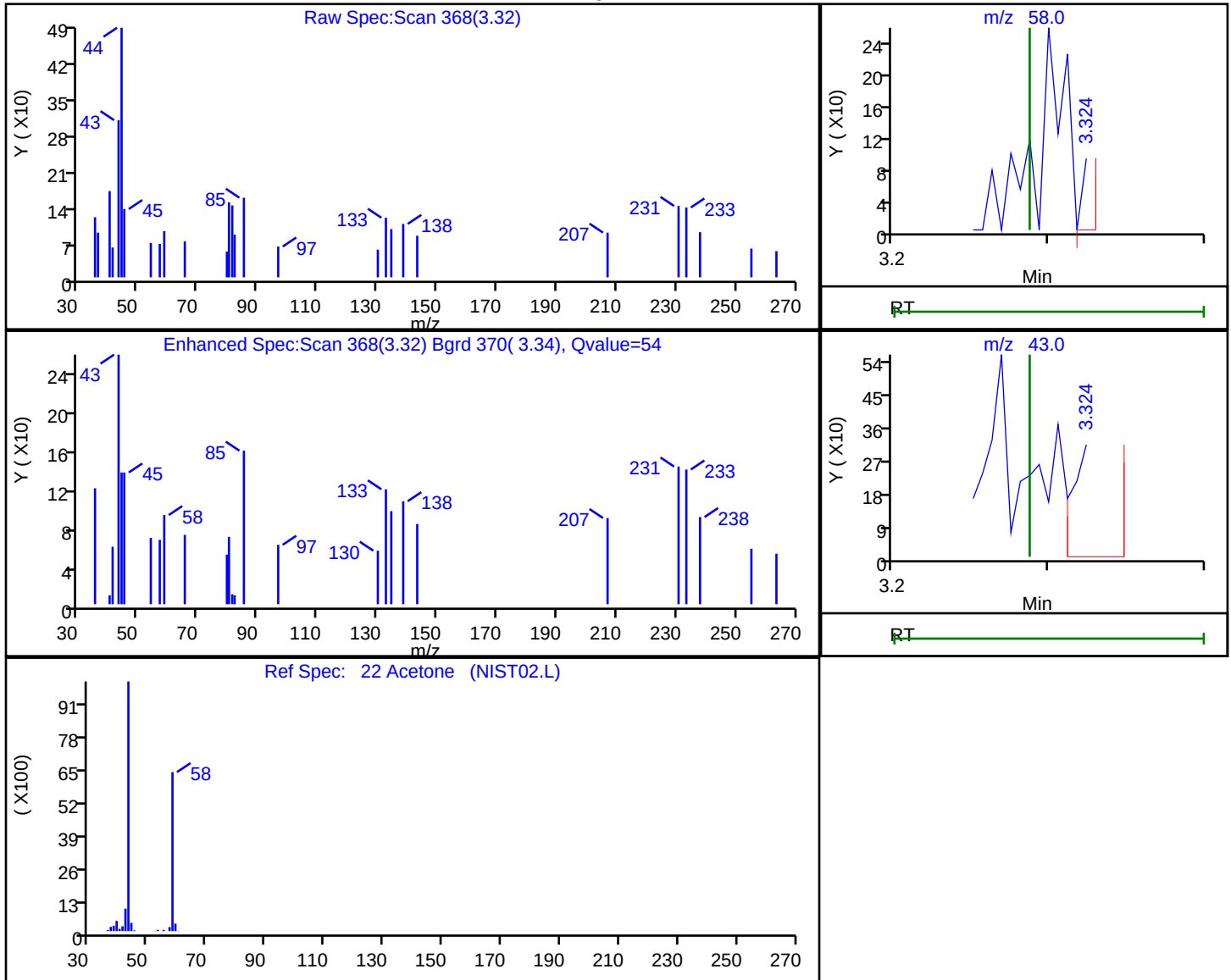
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.32	58.00	33	0.097094
3.32	43.00	391	

Reviewer: moroneyc, 07-Jul-2020 12:26:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D

Injection Date: 07-Jul-2020 11:55:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W_1

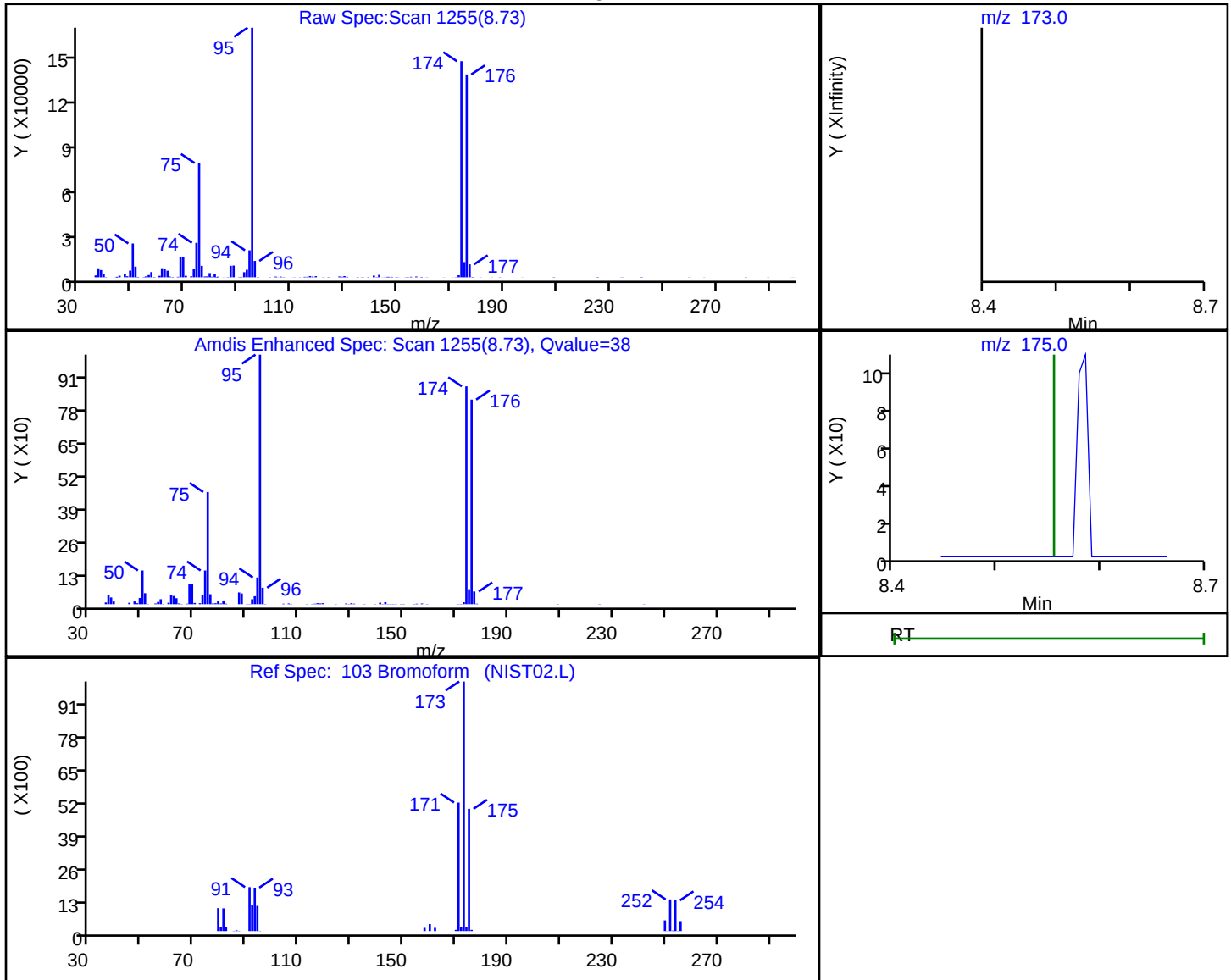
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

103 Bromoform, CAS: 75-25-2

Processing Results



RT	Mass	Response	Amount
8.73	173.00	1282	1.599718
8.73	175.00	10813	

Reviewer: moroneyc, 07-Jul-2020 12:26:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90820.D

Injection Date: 07-Jul-2020 11:55:30

Instrument ID: CVOAMS1

Lims ID: MB

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

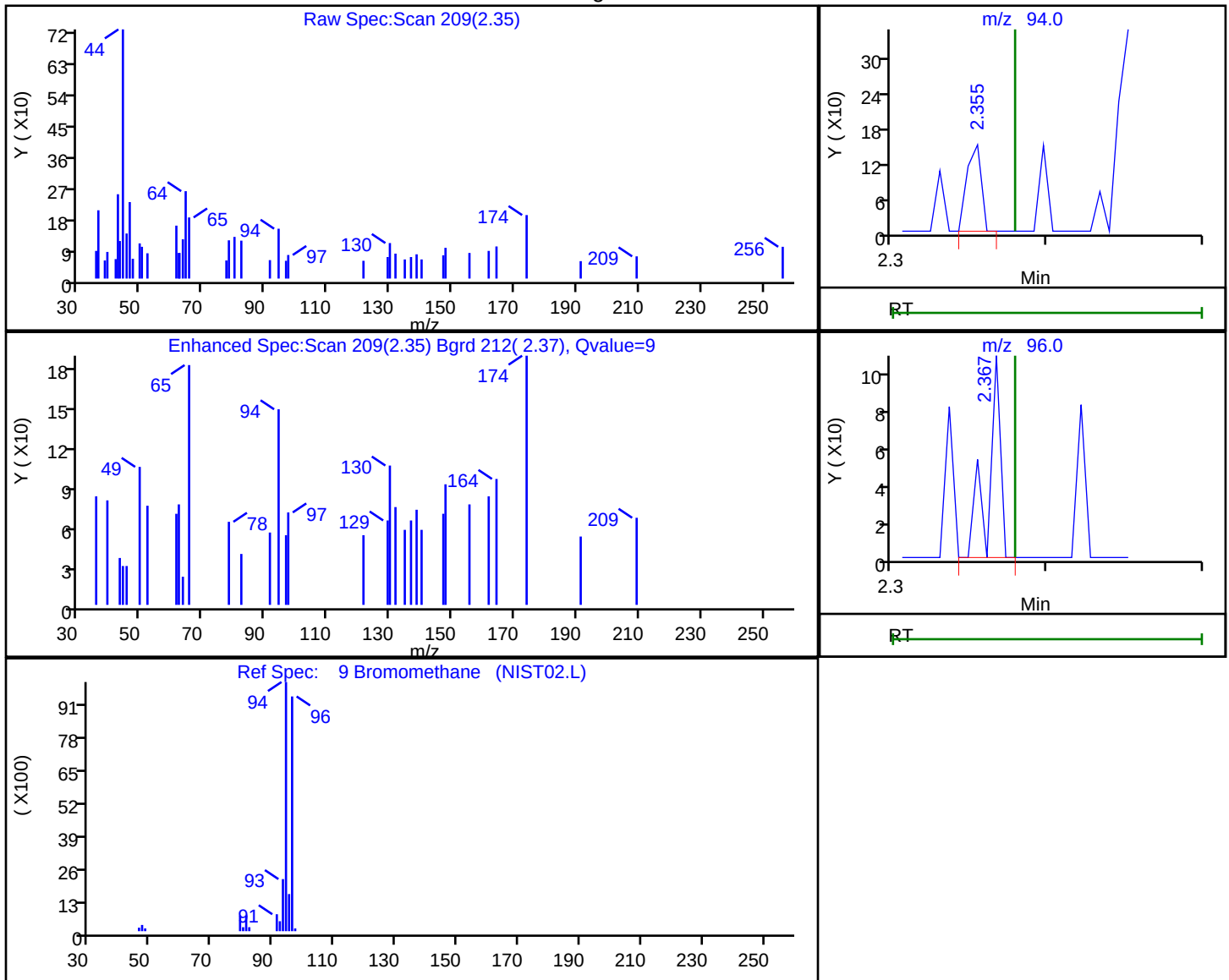
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.35	94.00	94	0.024571
2.37	96.00	58	

Reviewer: moroneyc, 07-Jul-2020 12:26:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-706558/9

Matrix: Water Lab File ID: F98176.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 22:32

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.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
74-97-5	Bromochloromethane	0.41	U	1.0	0.41
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-706558/9
 Matrix: Water Lab File ID: F98176.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 22:32
 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.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	0.31	U	1.0	0.31
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
179601-23-1	m&p-Xylene	0.30	U	1.0	0.30
79-20-9	Methyl acetate	0.79	U	5.0	0.79
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
1634-04-4	MTBE	0.47	U	1.0	0.47
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-706558/9
Matrix: Water Lab File ID: F98176.D
Analysis Method: 8260C Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 22:32
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.: 706558 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98176.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Jul-2020 22:32:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0112863-009
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 06:28:25 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: moroneyc

Date: 08-Jul-2020 06:18:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.176	3.176	0.000	0	138691	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.220	4.220	0.000	0	192044	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	97	105093	50.0	51.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	113405	50.0	45.1	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	458730	50.0	50.0	
* 71 1,4-Dioxane-d8	96	5.987	5.978	0.009	0	14204	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	436188	50.0	48.8	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	323971	50.0	50.0	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	92	123774	50.0	52.4	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.908	-0.008	95	184036	50.0	50.0	

Reagents:

VOA6IS/SURR_00036

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98176.D

Injection Date: 07-Jul-2020 22:32:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

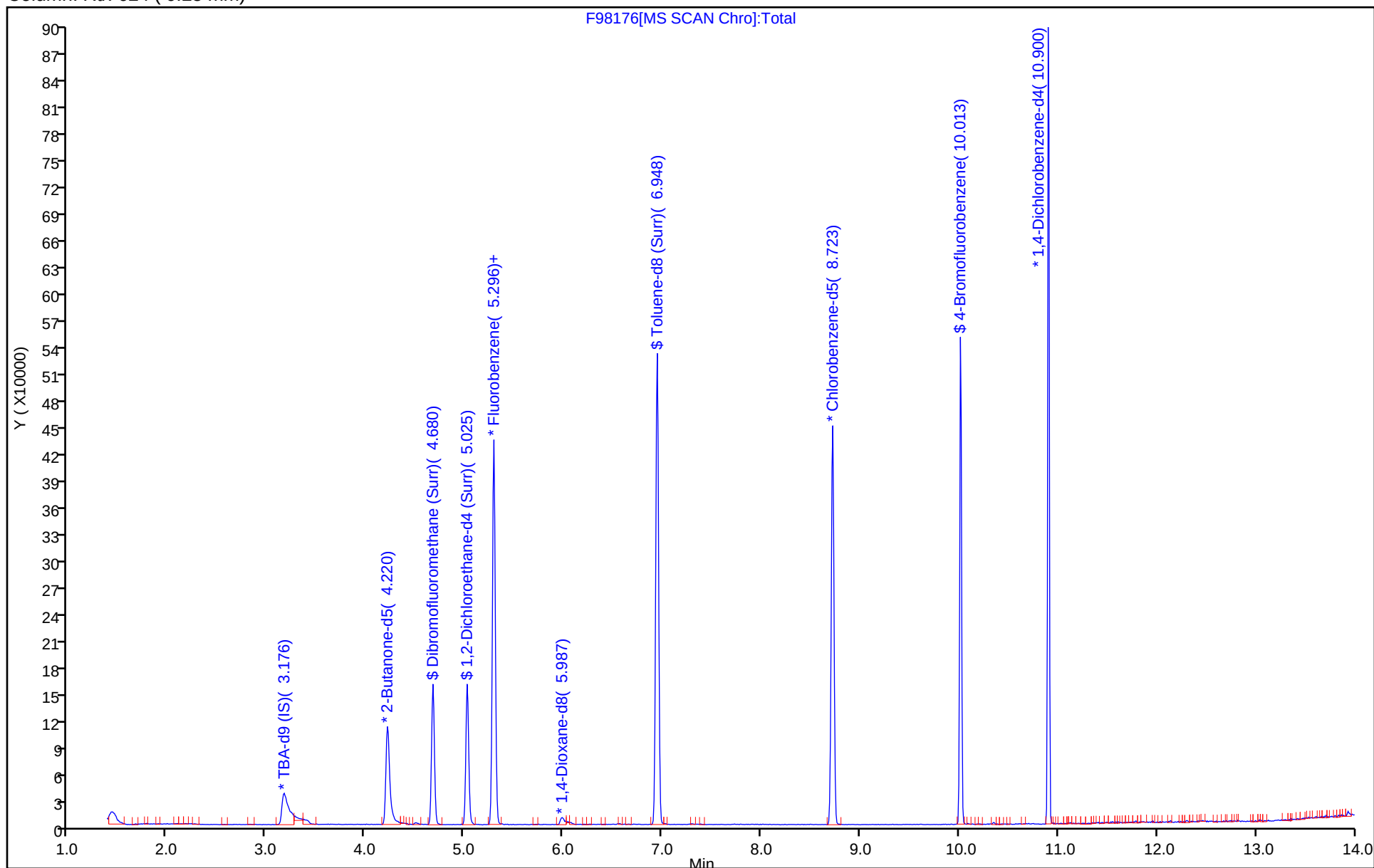
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98176.D

Injection Date: 07-Jul-2020 22:32:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

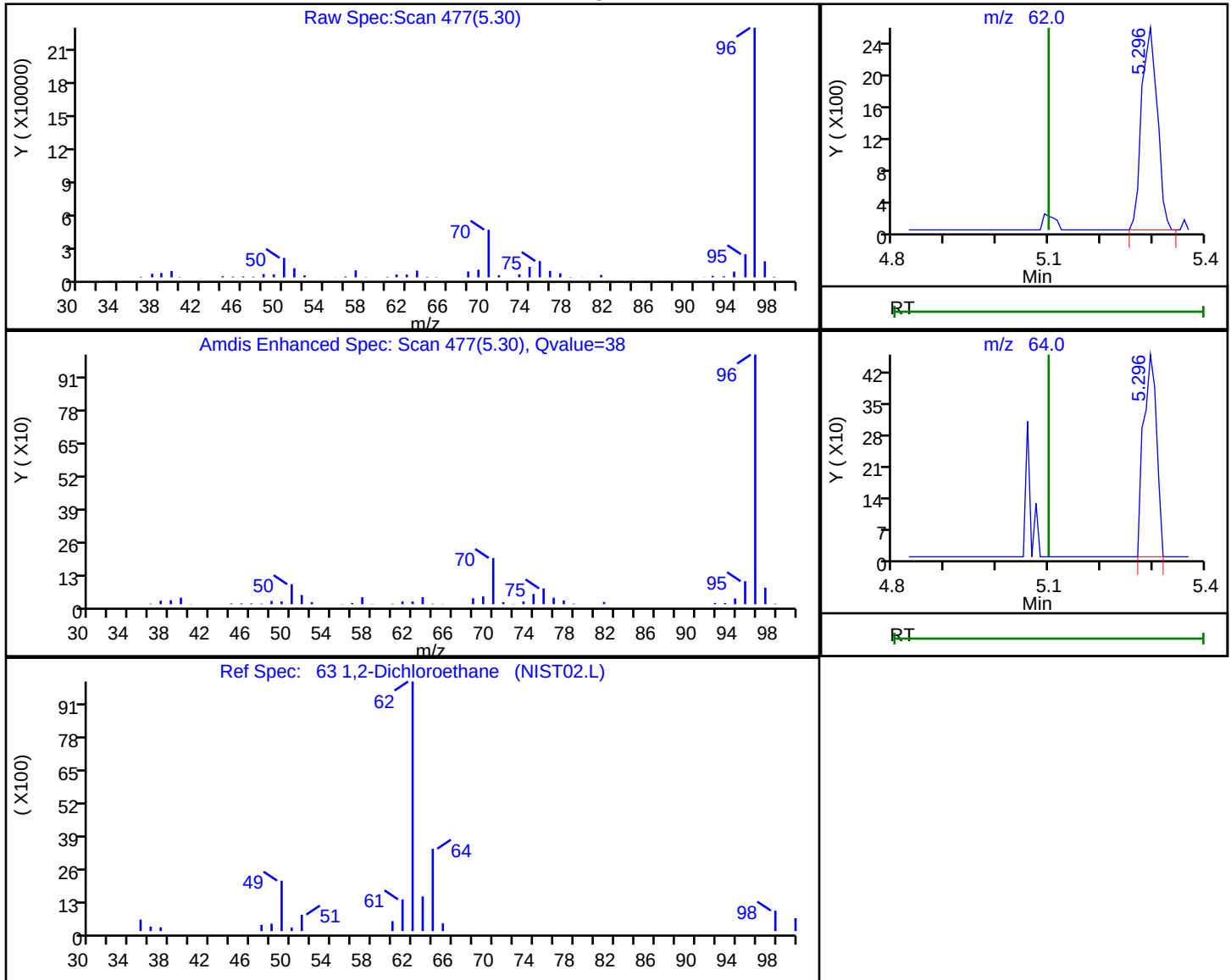
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

63 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.30	62.00	5323	1.768404
5.30	64.00	800	

Reviewer: moroneyc, 08-Jul-2020 06:18:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-706284/4
 Matrix: Water Lab File ID: A90785.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 19:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.43
75-34-3	1,1-Dichloroethane	18.7		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	30.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	24.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.0	0.38
106-93-4	1,2-Dibromoethane	21.8		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.2		1.0	0.43
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
123-91-1	1,4-Dioxane	440		50	28
78-93-3	2-Butanone	110		5.0	1.9
591-78-6	2-Hexanone	104		5.0	1.1
108-10-1	4-Methyl-2-pentanone	111		5.0	1.3
67-64-1	Acetone	85.9		5.0	4.4
71-43-2	Benzene	19.7		1.0	0.20
74-97-5	Bromochloromethane	21.4		1.0	0.41
75-27-4	Bromodichloromethane	21.4		1.0	0.34
75-25-2	Bromoform	26.4		1.0	0.54
74-83-9	Bromomethane	18.7		1.0	0.55
75-15-0	Carbon disulfide	19.6		1.0	0.82
56-23-5	Carbon tetrachloride	25.0		1.0	0.21
108-90-7	Chlorobenzene	21.0		1.0	0.38
75-00-3	Chloroethane	17.0		1.0	0.32
67-66-3	Chloroform	20.2		1.0	0.33
74-87-3	Chloromethane	13.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	21.4		1.0	0.22
110-82-7	Cyclohexane	20.2		1.0	0.32
124-48-1	Dibromochloromethane	23.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	10.6		1.0	0.31
100-41-4	Ethylbenzene	19.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-706284/4
 Matrix: Water Lab File ID: A90785.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 19:50
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	20.2		1.0	0.31
98-82-8	Isopropylbenzene	20.5		1.0	0.34
179601-23-1	m&p-Xylene	20.3		1.0	0.30
79-20-9	Methyl acetate	31.7		5.0	0.79
108-87-2	Methylcyclohexane	22.3		1.0	0.26
75-09-2	Methylene Chloride	18.9		1.0	0.32
1634-04-4	MTBE	21.3		1.0	0.47
95-47-6	o-Xylene	20.3		1.0	0.36
100-42-5	Styrene	20.7		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	25.0		1.0	0.49
79-01-6	Trichloroethene	19.3		1.0	0.31
75-69-4	Trichlorofluoromethane	18.5		1.0	0.32
75-01-4	Vinyl chloride	15.7		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		75-123
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	93		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90785.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 06-Jul-2020 19:50:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0112801-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:26:56 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: moroneyc

Date: 07-Jul-2020 06:25:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.684	1.684	0.000	98	50846	20.0	10.6	
6 Chloromethane	50	1.898	1.904	-0.006	99	78709	20.0	13.8	
8 Vinyl chloride	62	2.001	2.013	-0.012	97	86499	20.0	15.7	
7 Butadiene	39	2.020	2.038	-0.018	72	63476	20.0	14.0	
9 Bromomethane	94	2.367	2.373	-0.006	98	70673	20.0	18.7	
10 Chloroethane	64	2.452	2.477	-0.025	98	52352	20.0	17.0	
12 Trichlorofluoromethane	101	2.690	2.684	0.006	70	92830	20.0	18.5	
11 Dichlorofluoromethane	67	2.684	2.690	-0.006	98	122743	20.0	18.2	
13 Pentane	72	2.715	2.721	-0.006	96	21909	40.0	34.3	
14 Ethyl ether	59	2.940	2.940	0.000	94	46116	20.0	17.1	
15 Ethanol	46	2.952	2.946	0.006	65	12300	800.0	588.8	
16 2-Methyl-1,3-butadiene	53	2.964	2.964	0.000	95	53324	20.0	17.1	
19 Acrolein	56	3.147	3.141	0.006	80	14375	40.0	102.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.166	-0.013	96	69676	20.0	20.2	
21 1,1-Dichloroethene	96	3.184	3.178	0.006	97	61038	20.0	18.7	
22 Acetone	58	3.275	3.281	-0.006	87	28155	100.0	85.9	
23 Iodomethane	142	3.355	3.355	0.000	95	130035	20.0	21.9	
25 Isopropyl alcohol	45	3.385	3.385	0.000	34	33431	200.0	181.8	
24 Carbon disulfide	76	3.385	3.391	-0.006	98	249925	20.0	19.6	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	91	43253	20.0	18.6	
27 Methyl acetate	43	3.538	3.538	0.000	66	71552	40.0	31.7	
28 Cyclopentene	67	3.544	3.544	0.000	89	155073	20.0	18.0	
29 Acetonitrile	41	3.599	3.605	-0.007	99	65437	200.0	154.7	
30 Methylene Chloride	84	3.659	3.659	0.000	88	75189	20.0	18.9	
* 31 TBA-d9 (IS)	65	3.653	3.666	-0.013	77	269520	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.727	3.745	-0.018	94	51375	200.0	198.4	
33 Methyl tert-butyl ether	73	3.824	3.830	-0.006	96	159761	20.0	21.3	
34 trans-1,2-Dichloroethene	96	3.842	3.848	-0.006	92	66747	20.0	19.6	
35 Acrylonitrile	53	3.922	3.922	0.000	97	239785	200.0	191.0	
36 Hexane	43	3.989	3.995	-0.006	90	50052	20.0	18.9	
37 Isopropyl ether	45	4.196	4.202	-0.006	96	174941	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	4.233	4.233	0.001	99	105043	20.0	18.7	
39 Vinyl acetate	86	4.239	4.239	0.000	99	21529	40.0	47.9	
40 2-Chloro-1,3-butadiene	88	4.275	4.269	0.006	86	58790	20.0	21.3	
41 Tert-butyl ethyl ether	59	4.489	4.489	0.000	91	168855	20.0	21.4	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	91	256091	250.0	250.0	
43 2,2-Dichloropropane	97	4.690	4.684	0.006	58	17047	20.0	21.7	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	99	71499	20.0	20.0	
45 Ethyl acetate	70	4.702	4.708	-0.006	94	11761	40.0	47.4	
46 2-Butanone (MEK)	72	4.714	4.708	0.006	98	34368	100.0	109.6	
47 Methyl acrylate	55	4.751	4.751	0.000	100	46891	20.0	20.9	
48 Propionitrile	54	4.824	4.824	0.000	100	89223	200.0	195.0	
50 Tetrahydrofuran	72	4.891	4.891	0.000	66	16881	40.0	48.1	
49 Chlorobromomethane	128	4.891	4.891	0.000	79	36286	20.0	21.4	
51 Methacrylonitrile	67	4.909	4.909	0.000	89	258026	200.0	208.1	
52 Chloroform	83	4.928	4.934	-0.006	99	102055	20.0	20.2	
53 Cyclohexane	56	5.049	5.043	0.006	88	117191	20.0	20.2	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.062	0.000	98	119350	50.0	46.3	
55 1,1,1-Trichloroethane	97	5.056	5.062	-0.006	75	77133	20.0	20.9	
56 Carbon tetrachloride	117	5.153	5.153	0.000	98	51875	20.0	25.0	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	98	78755	20.0	19.6	
58 Isobutyl alcohol	43	5.251	5.251	0.000	93	34233	500.0	569.7	
59 Isooctane	57	5.299	5.299	0.000	95	214963	20.0	21.0	
60 Benzene	78	5.336	5.336	0.000	95	245134	20.0	19.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	95	124688	50.0	42.3	
62 Isopropyl acetate	43	5.360	5.360	0.000	97	144008	20.0	19.9	
63 Tert-amyl methyl ether	87	5.373	5.366	0.007	93	55028	20.0	23.0	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	96	67543	20.0	19.1	
65 n-Heptane	71	5.434	5.433	0.001	89	69213	20.0	18.4	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	553782	50.0	50.0	
67 n-Butanol	56	5.775	5.775	0.000	83	21728	500.0	591.9	
68 Trichloroethene	95	5.842	5.842	0.000	96	58501	20.0	19.3	
70 Ethyl acrylate	55	5.915	5.921	-0.006	95	71451	20.0	22.7	
69 Methylcyclohexane	83	5.958	5.958	0.000	94	124820	20.0	22.3	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	91	59019	20.0	19.2	
73 Methyl methacrylate	100	6.128	6.128	0.000	83	30195	40.0	47.6	
* 72 1,4-Dioxane-d8	96	6.122	6.128	-0.006	92	33651	1000.0	1000.0	
74 n-Propyl acetate	43	6.165	6.171	-0.006	98	61128	20.0	19.2	
76 1,4-Dioxane	88	6.183	6.183	0.000	34	15853	400.0	439.7	
75 Dibromomethane	93	6.208	6.208	0.000	96	36259	20.0	20.2	
77 Dichlorobromomethane	83	6.330	6.330	0.000	99	61459	20.0	21.4	
78 2-Chloroethyl vinyl ether	63	6.598	6.604	-0.006	96	33980	20.0	19.3	
79 2-Nitropropane	41	6.616	6.616	0.000	92	11053	40.0	48.7	a
80 Epichlorohydrin	57	6.695	6.695	0.000	99	102577	400.0	495.6	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	88	79760	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	93	253426	100.0	111.0	a
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	473314	50.0	46.6	
84 Toluene	91	6.988	6.988	0.000	93	253492	20.0	20.6	
85 trans-1,3-Dichloropropene	75	7.208	7.208	0.000	96	67647	20.0	25.0	
86 Ethyl methacrylate	69	7.208	7.208	0.000	80	64200	20.0	19.4	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	96	41687	20.0	19.9	
88 Tetrachloroethene	166	7.390	7.390	0.000	97	61523	20.0	21.3	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	92	82789	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
90 2-Hexanone	43	7.500	7.494	0.006	93	152116	100.0	103.9	
91 n-Butyl acetate	73	7.549	7.549	0.000	97	13381	20.0	20.4	
92 Chlorodibromomethane	129	7.622	7.622	0.000	97	39760	20.0	23.1	
93 Ethylene Dibromide	107	7.720	7.720	0.000	100	47350	20.0	21.8	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	83	402446	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	96	160121	20.0	21.0	
96 Ethylbenzene	106	8.061	8.061	0.000	97	88091	20.0	19.7	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	92	47897	20.0	27.1	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	98	109536	20.0	20.3	
99 n-Butyl acrylate	73	8.335	8.335	0.000	99	35558	20.0	20.5	
100 o-Xylene	106	8.390	8.390	0.000	94	111909	20.0	20.3	
101 Styrene	104	8.402	8.402	0.000	96	175578	20.0	20.7	
102 Amyl acetate (mixed isomers)	43	8.470	8.469	0.001	92	75762	20.0	15.5	
103 Bromoform	173	8.543	8.543	0.000	97	22926	20.0	26.4	
104 Isopropylbenzene	105	8.591	8.591	0.000	95	297134	20.0	20.5	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	95	146997	50.0	49.9	
106 1,1,2,2-Tetrachloroethane	83	8.805	8.805	0.000	98	67502	20.0	18.9	
107 Bromobenzene	156	8.811	8.811	0.000	94	71531	20.0	20.5	
108 N-Propylbenzene	91	8.829	8.823	0.006	99	350749	20.0	19.6	
109 trans-1,4-Dichloro-2-butene	53	8.841	8.841	0.000	72	14164	20.0	16.6	
110 1,2,3-Trichloropropane	110	8.841	8.841	0.000	95	20462	20.0	19.5	
111 4-Ethyltoluene	105	8.890	8.884	0.006	98	303959	20.0	20.1	
112 2-Chlorotoluene	91	8.902	8.902	0.000	95	258078	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	8.921	8.921	0.000	94	257746	20.0	19.9	
114 Butyl Methacrylate	87	8.951	8.945	0.006	85	75488	20.0	17.5	
115 4-Chlorotoluene	91	8.963	8.963	0.000	97	200839	20.0	20.1	
116 tert-Butylbenzene	119	9.104	9.104	0.000	96	210953	20.0	21.2	
117 1,2,4-Trimethylbenzene	105	9.140	9.134	0.006	96	266064	20.0	20.1	
118 sec-Butylbenzene	105	9.225	9.225	0.000	99	334857	20.0	20.2	
119 4-Isopropyltoluene	119	9.305	9.299	0.006	98	295111	20.0	20.8	
120 1,3-Dichlorobenzene	146	9.335	9.329	0.006	98	145315	20.0	20.9	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	229089	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.390	9.384	0.006	90	147737	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	9.390	9.390	0.000	97	284500	20.0	20.0	
124 Benzyl chloride	91	9.469	9.469	0.000	99	76124	20.0	27.2	
125 2,3-Dihydroindene	117	9.524	9.518	0.006	92	298609	20.0	19.8	
126 p-Diethylbenzene	119	9.530	9.524	0.006	94	173419	20.0	20.6	
127 n-Butylbenzene	92	9.549	9.542	0.007	97	160847	20.0	20.2	
128 1,2-Dichlorobenzene	146	9.622	9.622	0.000	98	153536	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	10.042	10.036	0.006	98	291318	20.0	22.5	
130 1,2-Dibromo-3-Chloropropane	75	10.152	10.146	0.006	92	8329	20.0	19.4	
131 1,3,5-Trichlorobenzene	180	10.256	10.250	0.006	97	127015	20.0	22.2	
132 1,2,4-Trichlorobenzene	180	10.768	10.762	0.006	94	107885	20.0	24.3	
133 Hexachlorobutadiene	225	10.841	10.835	0.006	94	43330	20.0	20.4	
134 Naphthalene	128	11.012	11.006	0.006	99	236482	20.0	29.2	
135 1,2,3-Trichlorobenzene	180	11.237	11.231	0.006	94	88983	20.0	30.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 137 Xylenes, Total	100				0		40.0	40.6	
S 138 Total BTEX	1				0		100.0	100.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90785.D

Injection Date: 06-Jul-2020 19:50:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

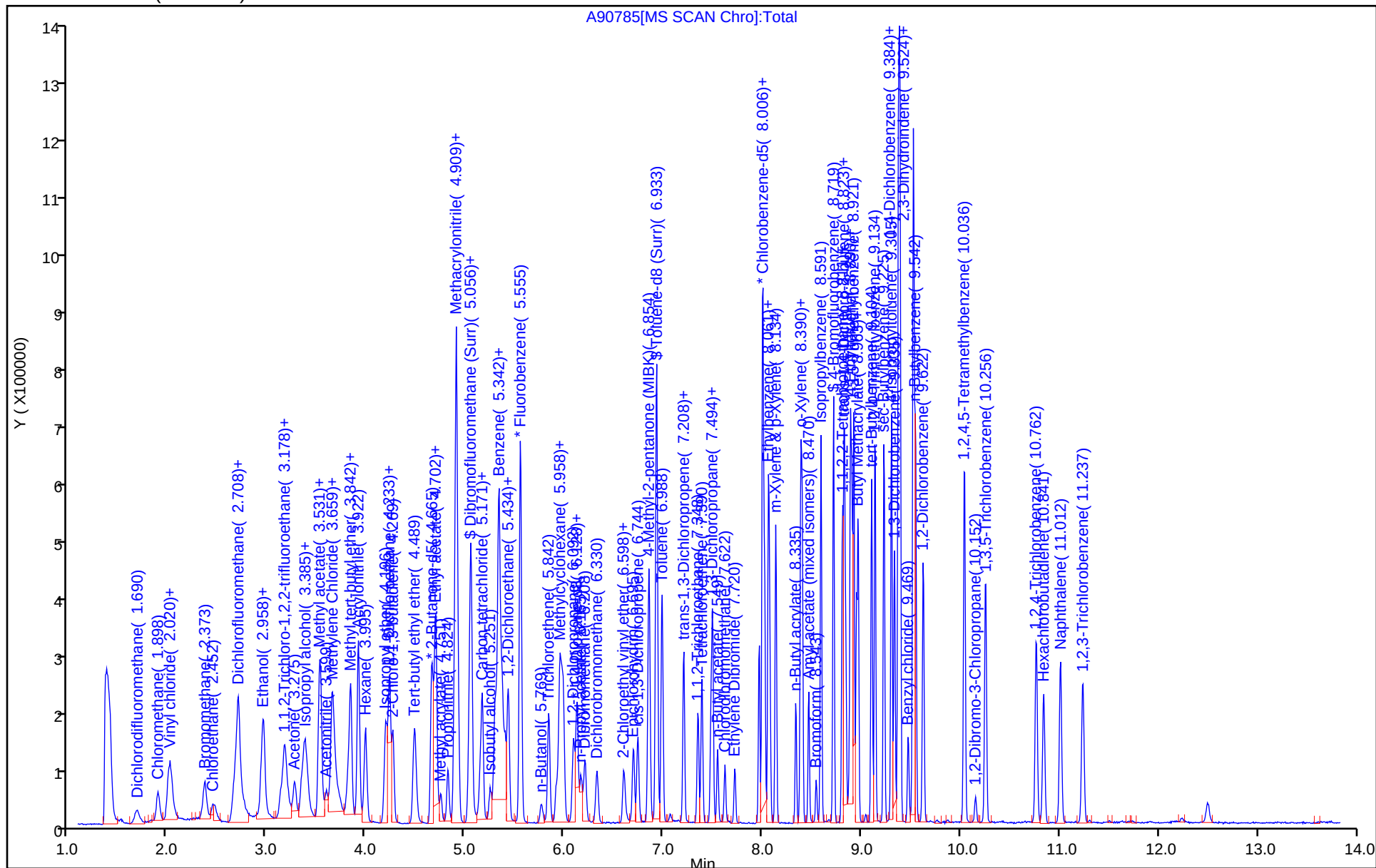
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

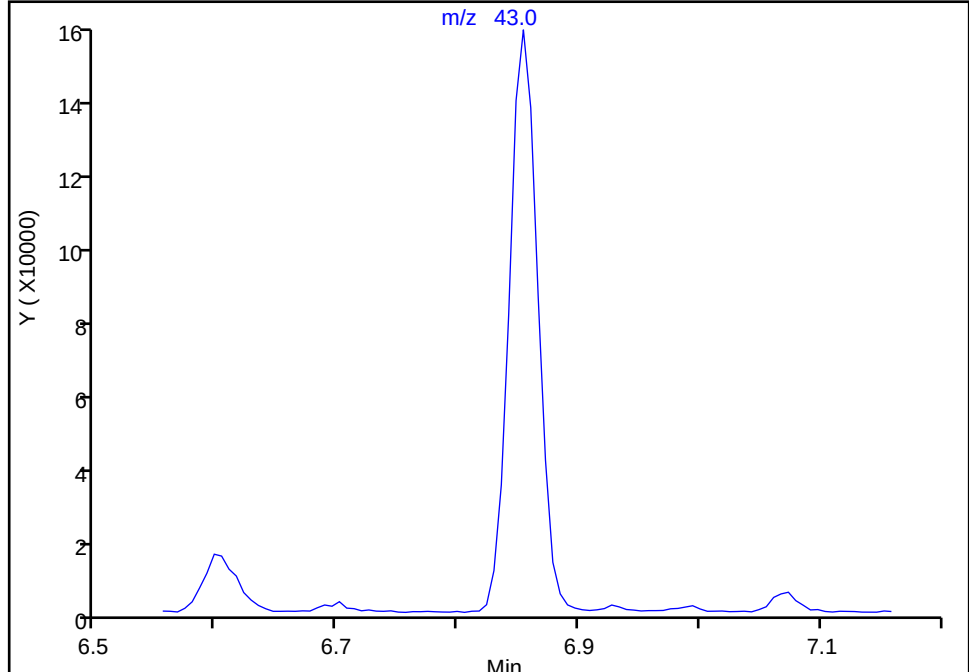
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90785.D
Injection Date: 06-Jul-2020 19:50:30 Instrument ID: CVOAMS1
Lims ID: LCS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

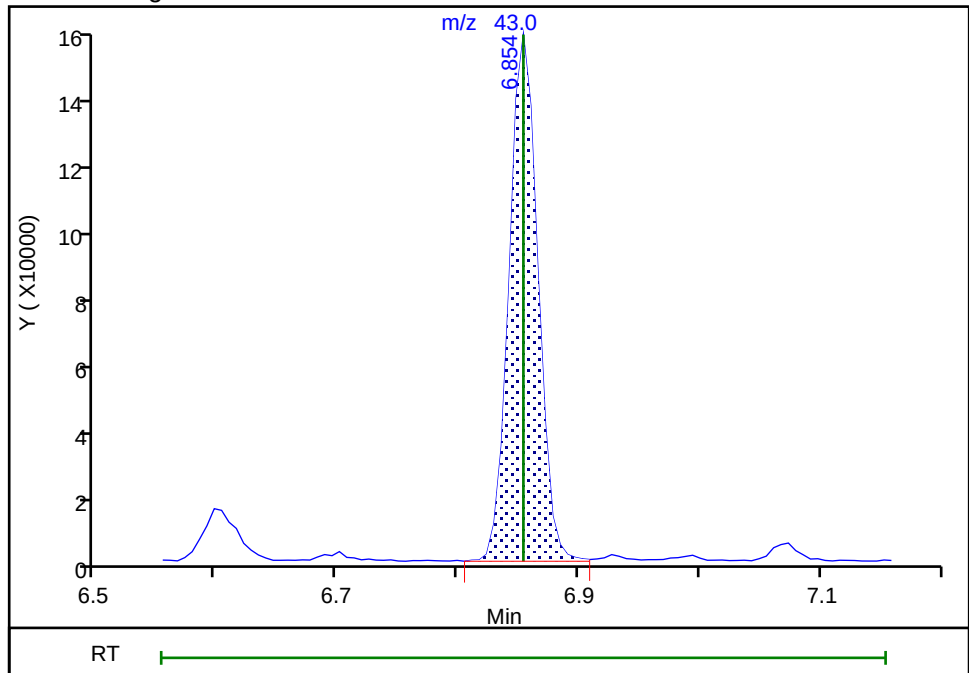
Not Detected
Expected RT: 6.85

Processing Integration Results



RT: 6.85
Area: 253426
Amount: 111.0493
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 07-Jul-2020 07:55:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-706392/4

Matrix: Water Lab File ID: A90815.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 09:57

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.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	17.3		1.0	0.43
75-34-3	1,1-Dichloroethane	17.2		1.0	0.26
75-35-4	1,1-Dichloroethene	17.2		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	27.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.9		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		1.0	0.38
106-93-4	1,2-Dibromoethane	19.3		1.0	0.50
95-50-1	1,2-Dichlorobenzene	18.6		1.0	0.43
107-06-2	1,2-Dichloroethane	17.8		1.0	0.43
78-87-5	1,2-Dichloropropane	17.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	17.8		1.0	0.33
123-91-1	1,4-Dioxane	384		50	28
78-93-3	2-Butanone	100		5.0	1.9
591-78-6	2-Hexanone	92.2		5.0	1.1
108-10-1	4-Methyl-2-pentanone	97.5		5.0	1.3
67-64-1	Acetone	73.0		5.0	4.4
71-43-2	Benzene	17.8		1.0	0.20
74-97-5	Bromochloromethane	19.5		1.0	0.41
75-27-4	Bromodichloromethane	18.3		1.0	0.34
75-25-2	Bromoform	22.9		1.0	0.54
74-83-9	Bromomethane	18.6		1.0	0.55
75-15-0	Carbon disulfide	16.4		1.0	0.82
56-23-5	Carbon tetrachloride	22.0		1.0	0.21
108-90-7	Chlorobenzene	19.2		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	17.9		1.0	0.33
74-87-3	Chloromethane	14.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	18.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
110-82-7	Cyclohexane	17.5		1.0	0.32
124-48-1	Dibromochloromethane	19.5		1.0	0.28
75-71-8	Dichlorodifluoromethane	14.4		1.0	0.31
100-41-4	Ethylbenzene	17.3		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-706392/4
 Matrix: Water Lab File ID: A90815.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 09:57
 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.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	16.9		1.0	0.31
98-82-8	Isopropylbenzene	17.9		1.0	0.34
179601-23-1	m&p-Xylene	18.3		1.0	0.30
79-20-9	Methyl acetate	31.4		5.0	0.79
108-87-2	Methylcyclohexane	19.6		1.0	0.26
75-09-2	Methylene Chloride	16.7		1.0	0.32
1634-04-4	MTBE	19.0		1.0	0.47
95-47-6	o-Xylene	18.3		1.0	0.36
100-42-5	Styrene	19.2		1.0	0.42
127-18-4	Tetrachloroethene	19.1		1.0	0.25
108-88-3	Toluene	17.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	20.3		1.0	0.49
79-01-6	Trichloroethene	18.6		1.0	0.31
75-69-4	Trichlorofluoromethane	20.1		1.0	0.32
75-01-4	Vinyl chloride	16.3		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		75-123
460-00-4	Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90815.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2020 09:57:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0112826-004
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:50:11 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: moroneyc

Date: 07-Jul-2020 10:36:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.660	1.648	0.012	58	12307	20.0	7.68	a
3 1,1-Difluoroethane	51	1.660	1.660	0.000	89	38496	20.0	10.1	
4 Dichlorodifluoromethane	85	1.696	1.696	0.000	99	75336	20.0	14.4	
5 Chlorodifluoromethane	51	1.721	1.715	0.006	98	48575	20.0	10.4	
6 Chloromethane	50	1.916	1.904	0.012	98	88897	20.0	14.2	
8 Vinyl chloride	62	2.020	2.019	0.001	98	98704	20.0	16.3	
7 Butadiene	39	2.038	2.025	0.013	95	70390	20.0	14.1	
9 Bromomethane	94	2.385	2.379	0.006	97	77279	20.0	18.6	
10 Chloroethane	64	2.477	2.471	0.006	98	57924	20.0	17.2	
11 Dichlorofluoromethane	67	2.690	2.690	0.000	98	132624	20.0	17.9	
12 Trichlorofluoromethane	101	2.708	2.702	0.006	60	110583	20.0	20.1	M
13 Pentane	72	2.727	2.720	0.007	95	20474	40.0	29.6	
14 Ethyl ether	59	2.952	2.946	0.006	92	45685	20.0	15.4	
15 Ethanol	46	2.958	2.958	0.000	70	13228	800.0	584.2	
16 2-Methyl-1,3-butadiene	53	2.977	2.970	0.007	95	50561	20.0	14.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.025	3.013	0.012	70	46303	20.0	13.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.080	3.092	-0.012	94	77531	20.0	13.6	a
19 Acrolein	56	3.141	3.147	-0.006	88	10992	40.0	71.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.178	3.159	0.019	83	63896	20.0	16.9	
21 1,1-Dichloroethene	96	3.196	3.178	0.018	95	61585	20.0	17.2	
22 Acetone	58	3.288	3.287	0.001	88	26076	100.0	73.0	
23 Iodomethane	142	3.361	3.361	0.000	95	125426	20.0	19.2	
24 Carbon disulfide	76	3.403	3.391	0.012	98	229647	20.0	16.4	
25 Isopropyl alcohol	45	3.385	3.397	-0.012	96	38270	200.0	192.0	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	92	45285	20.0	17.7	
27 Methyl acetate	43	3.544	3.543	0.001	73	77857	40.0	31.4	
28 Cyclopentene	67	3.550	3.550	0.000	91	159460	20.0	16.8	
29 Acetonitrile	41	3.605	3.604	0.001	97	62406	200.0	136.1	
30 Methylene Chloride	84	3.666	3.665	0.001	83	72923	20.0	16.7	
* 31 TBA-d9 (IS)	65	3.678	3.678	0.000	71	292163	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.745	3.745	0.000	91	55794	200.0	198.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.824	3.830	-0.006	96	155934	20.0	19.0	
34 trans-1,2-Dichloroethene	96	3.855	3.848	0.007	91	67189	20.0	17.9	
35 Acrylonitrile	53	3.928	3.928	0.000	95	235863	200.0	171.1	
36 Hexane	43	3.995	3.995	0.000	90	47999	20.0	16.5	
37 Isopropyl ether	45	4.202	4.202	0.000	97	170598	20.0	15.6	
38 1,1-Dichloroethane	63	4.239	4.232	0.007	98	106321	20.0	17.2	
39 Vinyl acetate	86	4.245	4.238	0.007	99	17797	40.0	36.6	
40 2-Chloro-1,3-butadiene	88	4.275	4.275	0.000	87	57875	20.0	19.1	
41 Tert-butyl ethyl ether	59	4.495	4.488	0.007	90	163416	20.0	18.8	
* 42 2-Butanone-d5	46	4.665	4.665	0.000	91	278884	250.0	250.0	
43 2,2-Dichloropropane	97	4.690	4.690	0.000	72	16341	20.0	19.0	
44 cis-1,2-Dichloroethene	96	4.702	4.696	0.006	97	70593	20.0	18.0	
46 2-Butanone (MEK)	72	4.714	4.708	0.006	98	34254	100.0	100.3	
45 Ethyl acetate	70	4.708	4.714	-0.006	93	11987	40.0	44.4	
47 Methyl acrylate	55	4.757	4.757	0.000	99	48700	20.0	19.7	
48 Propionitrile	54	4.830	4.830	0.000	99	86459	200.0	174.3	
50 Tetrahydrofuran	72	4.897	4.897	0.000	65	16484	40.0	43.1	
49 Chlorobromomethane	128	4.897	4.897	0.000	80	36266	20.0	19.5	
51 Methacrylonitrile	67	4.915	4.909	0.006	88	263290	200.0	193.3	
52 Chloroform	83	4.934	4.933	0.001	99	99579	20.0	17.9	
53 Cyclohexane	56	5.049	5.049	0.000	87	111011	20.0	17.5	
55 1,1,1-Trichloroethane	97	5.062	5.055	0.007	69	75496	20.0	18.7	
\$ 54 Dibromofluoromethane (Surr)	113	5.062	5.061	0.001	98	141255	50.0	49.9	
56 Carbon tetrachloride	117	5.153	5.159	-0.006	99	50041	20.0	22.0	
57 1,1-Dichloropropene	75	5.177	5.177	0.000	98	79619	20.0	18.1	
58 Isobutyl alcohol	43	5.257	5.257	0.000	95	29268	500.0	453.3	
59 Isooctane	57	5.306	5.305	0.001	96	207351	20.0	18.4	
60 Benzene	78	5.336	5.336	0.000	94	240766	20.0	17.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	97	142725	50.0	44.1	
62 Isopropyl acetate	43	5.360	5.360	0.000	98	134485	20.0	16.9	
63 Tert-amyl methyl ether	87	5.379	5.372	0.007	93	52979	20.0	20.2	
64 1,2-Dichloroethane	62	5.409	5.403	0.006	97	69013	20.0	17.8	
65 n-Heptane	71	5.440	5.433	0.007	89	63781	20.0	15.4	
* 66 Fluorobenzene	96	5.562	5.561	0.001	99	608246	50.0	50.0	
67 n-Butanol	56	5.769	5.769	0.000	85	19596	500.0	496.0	
68 Trichloroethene	95	5.842	5.848	-0.006	96	61731	20.0	18.6	
70 Ethyl acrylate	55	5.921	5.921	0.000	96	57231	20.0	16.6	a
69 Methylcyclohexane	83	5.958	5.958	0.000	94	120567	20.0	19.6	
71 1,2-Dichloropropane	63	6.098	6.092	0.006	95	57148	20.0	17.0	
73 Methyl methacrylate	100	6.135	6.128	0.007	83	29079	40.0	41.8	
* 72 1,4-Dioxane-d8	96	6.135	6.128	0.007	91	35673	1000.0	1000.0	
74 n-Propyl acetate	43	6.171	6.165	0.006	96	55106	20.0	15.8	
76 1,4-Dioxane	88	6.189	6.177	0.012	80	14660	400.0	383.5	a
75 Dibromomethane	93	6.208	6.214	-0.006	96	36622	20.0	18.6	
77 Dichlorobromomethane	83	6.336	6.336	0.000	98	57817	20.0	18.3	
78 2-Chloroethyl vinyl ether	63	6.598	6.598	0.000	96	32889	20.0	17.0	
79 2-Nitropropane	41	6.616	6.622	-0.006	39	10376	40.0	41.5	a
80 Epichlorohydrin	57	6.702	6.701	0.001	98	98043	400.0	435.0	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	89	77293	20.0	19.2	
82 4-Methyl-2-pentanone (MIBK)	43	6.860	6.854	0.006	94	242356	100.0	97.5	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	533566	50.0	48.4	
84 Toluene	91	6.988	6.988	0.000	94	239107	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	7.208	7.207	0.001	95	59668	20.0	20.3	
86 Ethyl methacrylate	69	7.208	7.207	0.001	80	60040	20.0	16.6	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	97	39414	20.0	17.3	
88 Tetrachloroethene	166	7.390	7.390	0.000	96	59914	20.0	19.1	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	92	79520	20.0	16.9	
90 2-Hexanone	43	7.500	7.500	0.000	91	146984	100.0	92.2	
91 n-Butyl acetate	73	7.549	7.549	0.000	98	12682	20.0	17.9	
92 Chlorodibromomethane	129	7.622	7.622	0.000	97	36432	20.0	19.5	
93 Ethylene Dibromide	107	7.726	7.720	0.006	100	45524	20.0	19.3	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	83	436526	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	96	158772	20.0	19.2	
96 Ethylbenzene	106	8.061	8.061	0.000	98	84003	20.0	17.3	
97 1,1,1,2-Tetrachloroethane	131	8.079	8.073	0.006	92	43972	20.0	23.0	
98 m-Xylene & p-Xylene	106	8.140	8.140	0.000	97	107220	20.0	18.3	
99 n-Butyl acrylate	73	8.348	8.341	0.007	98	31651	20.0	16.9	
100 o-Xylene	106	8.396	8.396	0.000	94	109346	20.0	18.3	
101 Styrene	104	8.409	8.408	0.001	97	175935	20.0	19.2	
102 Amyl acetate (mixed isomers)	43	8.476	8.475	0.001	92	70299	20.0	13.2	
103 Bromoform	173	8.555	8.555	0.000	95	21467	20.0	22.9	
104 Isopropylbenzene	105	8.604	8.603	0.001	95	282291	20.0	17.9	
\$ 105 4-Bromofluorobenzene	174	8.732	8.731	0.001	93	165015	50.0	51.7	
106 1,1,2,2-Tetrachloroethane	83	8.823	8.817	0.006	99	65551	20.0	16.8	
107 Bromobenzene	156	8.829	8.829	0.000	97	69314	20.0	18.2	
108 N-Propylbenzene	91	8.847	8.841	0.006	99	339945	20.0	17.4	
109 trans-1,4-Dichloro-2-butene	53	8.860	8.860	0.000	71	13447	20.0	14.4	
110 1,2,3-Trichloropropane	110	8.860	8.860	0.000	92	19378	20.0	16.9	
111 4-Ethyltoluene	105	8.908	8.908	0.000	98	305453	20.0	18.5	
112 2-Chlorotoluene	91	8.927	8.920	0.007	96	249166	20.0	17.6	
113 1,3,5-Trimethylbenzene	105	8.945	8.945	0.000	93	249179	20.0	17.6	
114 Butyl Methacrylate	87	8.969	8.969	0.000	87	68520	20.0	14.6	
115 4-Chlorotoluene	91	8.988	8.988	0.000	96	192200	20.0	17.6	
116 tert-Butylbenzene	119	9.128	9.128	0.000	96	200820	20.0	18.5	
117 1,2,4-Trimethylbenzene	105	9.165	9.158	0.006	96	251086	20.0	17.4	
118 sec-Butylbenzene	105	9.250	9.250	0.000	99	327911	20.0	18.1	
119 4-Isopropyltoluene	119	9.329	9.329	0.000	98	279126	20.0	18.1	
120 1,3-Dichlorobenzene	146	9.360	9.359	0.001	97	137354	20.0	18.1	
* 121 1,4-Dichlorobenzene-d4	152	9.402	9.402	0.000	94	249915	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.414	9.414	0.000	93	136737	20.0	17.8	
123 1,2,3-Trimethylbenzene	105	9.414	9.414	0.000	97	265364	20.0	17.1	
124 Benzyl chloride	91	9.500	9.500	0.000	100	66162	20.0	21.9	
125 2,3-Dihydroindene	117	9.549	9.548	0.001	92	283516	20.0	17.3	
126 p-Diethylbenzene	119	9.555	9.555	0.001	94	167565	20.0	18.2	
127 n-Butylbenzene	92	9.573	9.573	0.000	98	151176	20.0	17.4	
128 1,2-Dichlorobenzene	146	9.652	9.652	0.000	98	146643	20.0	18.6	
129 1,2,4,5-Tetramethylbenzene	119	10.073	10.073	0.000	98	267552	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	75	10.183	10.189	-0.006	93	8298	20.0	17.7	
131 1,3,5-Trichlorobenzene	180	10.286	10.286	0.000	96	123817	20.0	19.9	
132 1,2,4-Trichlorobenzene	180	10.804	10.798	0.006	93	101492	20.0	20.9	
133 Hexachlorobutadiene	225	10.871	10.877	-0.006	96	43017	20.0	18.6	
134 Naphthalene	128	11.048	11.048	0.000	99	219707	20.0	24.9	
135 1,2,3-Trichlorobenzene	180	11.274	11.274	0.000	96	85663	20.0	27.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	35.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	36.6	
S 138 Total BTEX	1				0		100.0	89.7	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90815.D

Injection Date: 07-Jul-2020 09:57:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

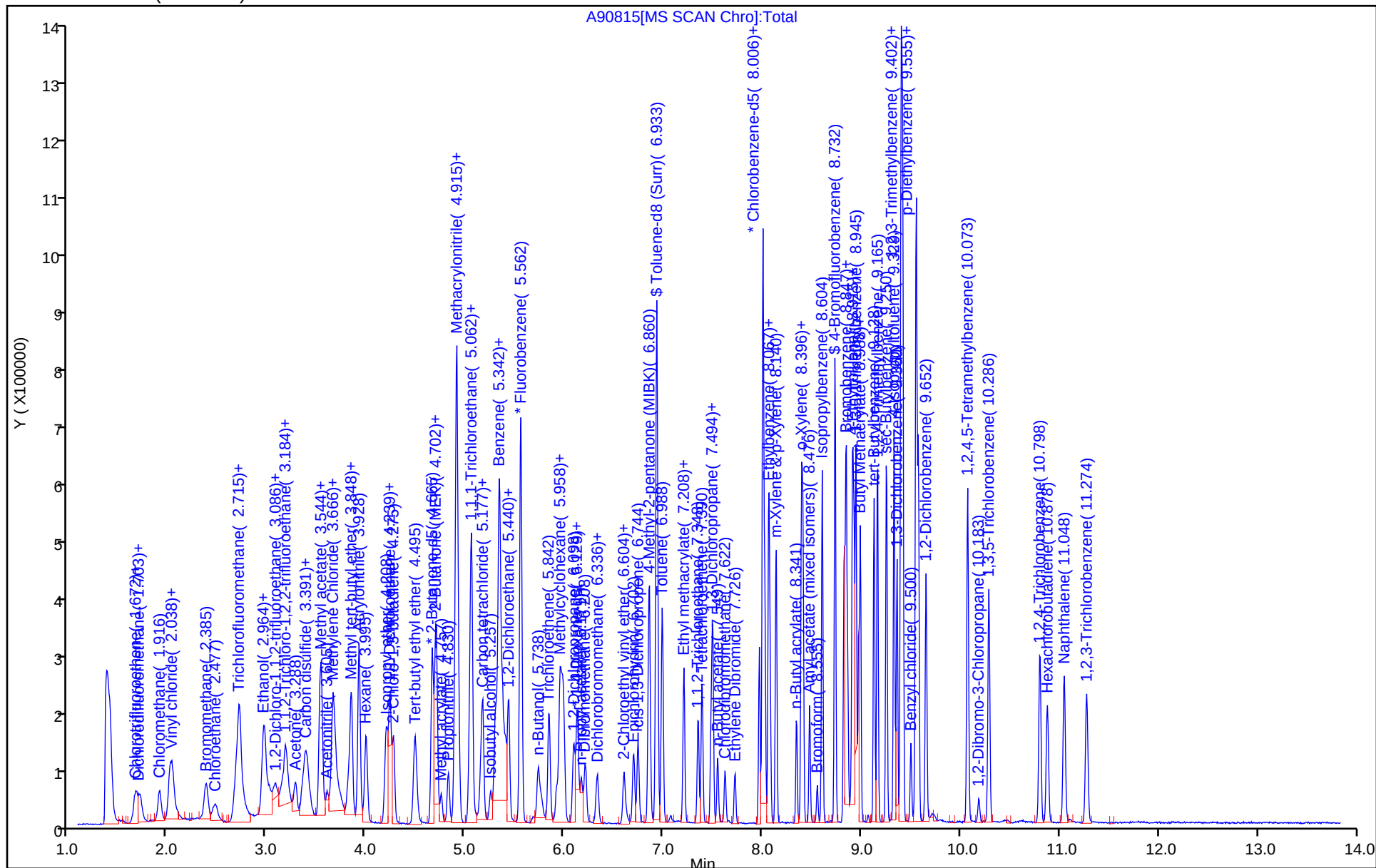
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

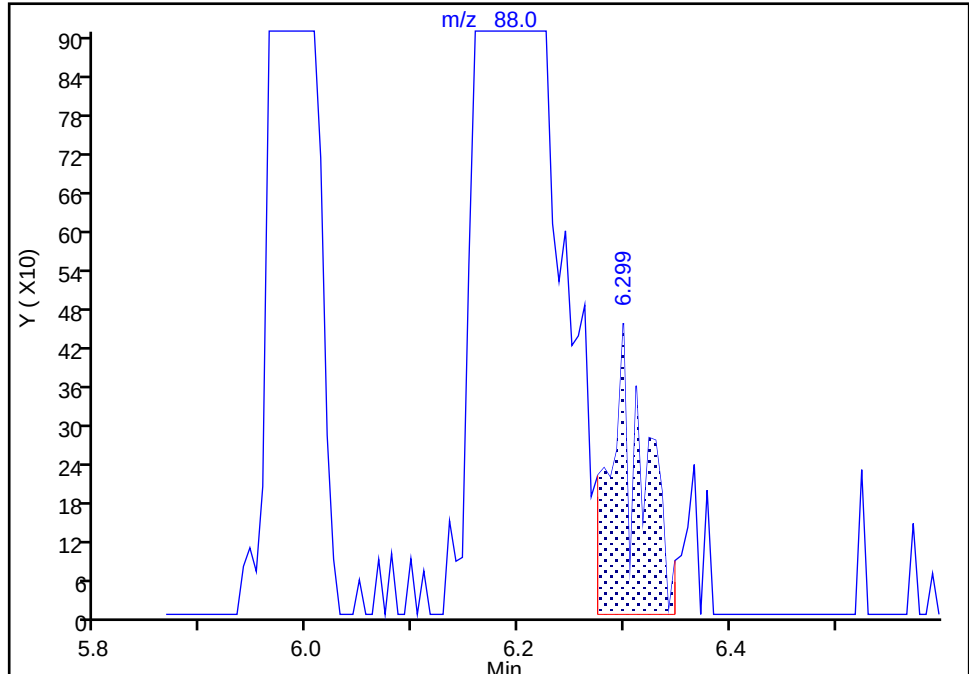
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Injection Date: 07-Jul-2020 09:57:30 Instrument ID: CVOAMS1
Lims ID: LCS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

76 1,4-Dioxane, CAS: 123-91-1

Signal: 1

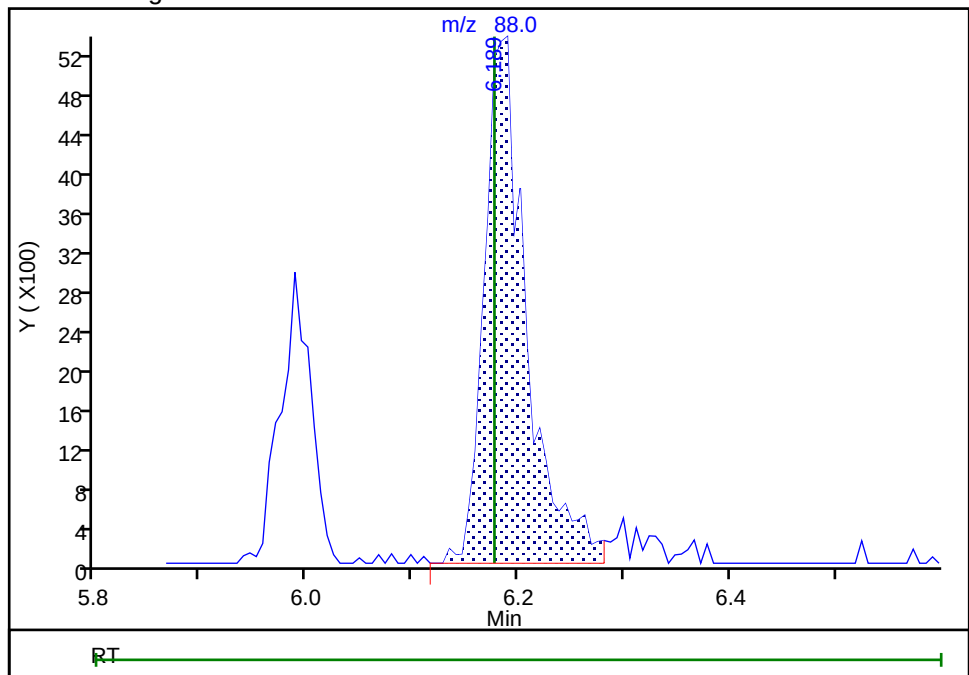
RT: 6.30
Area: 999
Amount: 26.136706
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 14660
Amount: 383.5477
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 07-Jul-2020 10:36:18
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

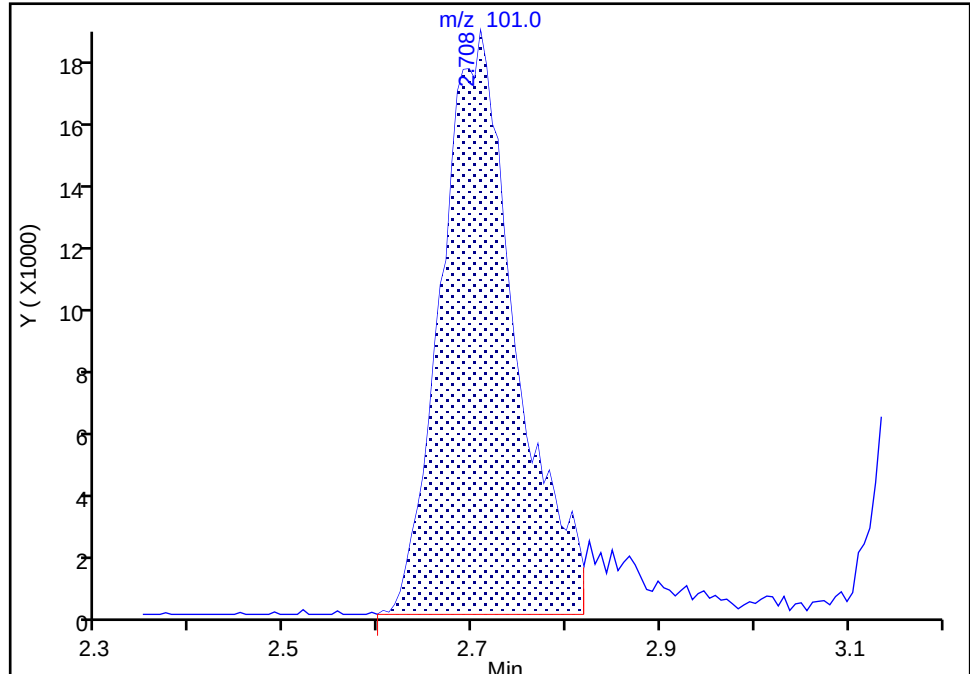
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90815.D
Injection Date: 07-Jul-2020 09:57:30 Instrument ID: CVOAMS1
Lims ID: LCS
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

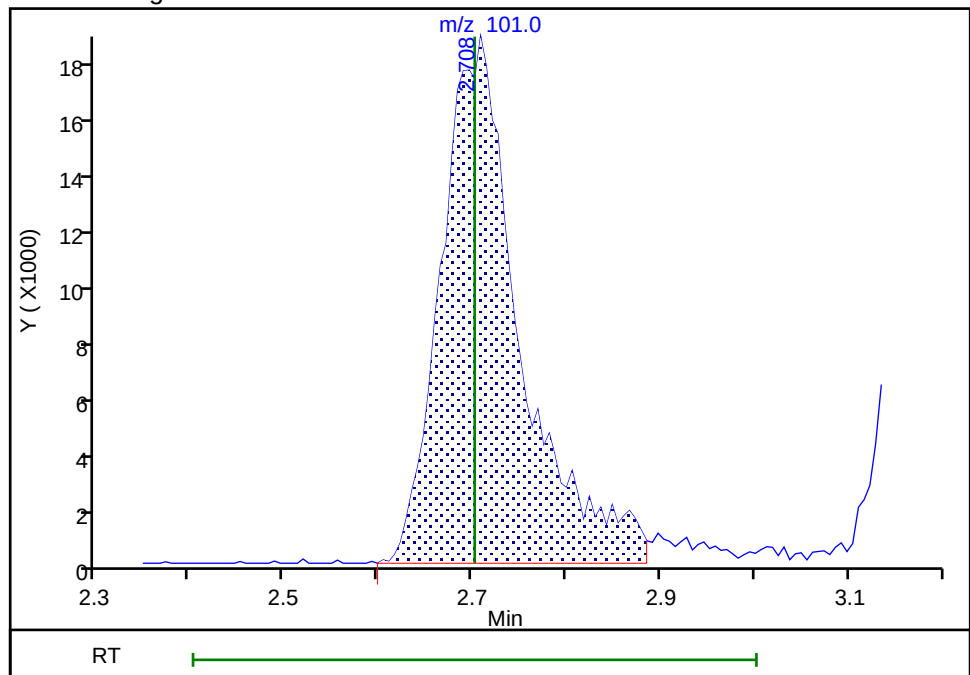
RT: 2.71
Area: 103966
Amount: 18.853186
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 110583
Amount: 20.053112
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Jul-2020 07:55:27

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-706558/5

Matrix: Water Lab File ID: F98172.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 20:54

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.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.7		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.43
75-34-3	1,1-Dichloroethane	19.4		1.0	0.26
75-35-4	1,1-Dichloroethene	21.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	23.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
106-93-4	1,2-Dibromoethane	21.4		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.8		1.0	0.43
107-06-2	1,2-Dichloroethane	19.7		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	22.2		1.0	0.33
123-91-1	1,4-Dioxane	464		50	28
78-93-3	2-Butanone	117		5.0	1.9
591-78-6	2-Hexanone	108		5.0	1.1
108-10-1	4-Methyl-2-pentanone	113		5.0	1.3
67-64-1	Acetone	78.2		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
74-97-5	Bromochloromethane	22.5		1.0	0.41
75-27-4	Bromodichloromethane	20.3		1.0	0.34
75-25-2	Bromoform	22.6		1.0	0.54
74-83-9	Bromomethane	16.7		1.0	0.55
75-15-0	Carbon disulfide	20.5		1.0	0.82
56-23-5	Carbon tetrachloride	20.4		1.0	0.21
108-90-7	Chlorobenzene	21.2		1.0	0.38
75-00-3	Chloroethane	14.4		1.0	0.32
67-66-3	Chloroform	20.5		1.0	0.33
74-87-3	Chloromethane	11.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.22
110-82-7	Cyclohexane	21.4		1.0	0.32
124-48-1	Dibromochloromethane	21.3		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.74		1.0	0.31
100-41-4	Ethylbenzene	21.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-706558/5
 Matrix: Water Lab File ID: F98172.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 20:54
 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.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	22.4		1.0	0.31
98-82-8	Isopropylbenzene	22.0		1.0	0.34
179601-23-1	m&p-Xylene	22.4		1.0	0.30
79-20-9	Methyl acetate	33.4		5.0	0.79
108-87-2	Methylcyclohexane	21.8		1.0	0.26
75-09-2	Methylene Chloride	20.6		1.0	0.32
1634-04-4	MTBE	20.7		1.0	0.47
95-47-6	o-Xylene	22.3		1.0	0.36
100-42-5	Styrene	22.1		1.0	0.42
127-18-4	Tetrachloroethene	22.5		1.0	0.25
108-88-3	Toluene	20.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	21.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.49
79-01-6	Trichloroethene	20.7		1.0	0.31
75-69-4	Trichlorofluoromethane	18.1		1.0	0.32
75-01-4	Vinyl chloride	13.6		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98172.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Jul-2020 20:54:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0112863-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:29:32 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: yallabg

Date: 07-Jul-2020 21:39:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.599	1.599	0.000	98	26449	20.0	8.74	
6 Chloromethane	50	1.763	1.771	-0.008	99	35177	20.0	11.4	
7 Butadiene	54	1.845	1.845	0.000	92	34880	20.0	12.8	
8 Vinyl chloride	62	1.853	1.862	-0.009	98	41667	20.0	13.6	
9 Bromomethane	94	2.125	2.133	-0.008	99	31904	20.0	16.7	
10 Chloroethane	64	2.174	2.182	-0.008	99	24183	20.0	14.4	
11 Dichlorofluoromethane	67	2.355	2.363	-0.008	99	67928	20.0	16.3	
12 Trichlorofluoromethane	101	2.371	2.379	-0.008	97	57255	20.0	18.1	
13 Pentane	72	2.379	2.388	-0.009	95	13244	40.0	34.4	
14 Ethanol	46	2.593	2.552	0.041	60	8084	800.0	1020.3	
15 Ethyl ether	59	2.544	2.560	-0.016	94	34830	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	2.568	2.585	-0.017	93	36502	20.0	17.8	
19 Acrolein	56	2.716	2.733	-0.017	32	6508	40.0	46.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.741	0.000	98	48670	20.0	22.4	
21 1,1-Dichloroethene	96	2.774	2.774	0.000	95	47666	20.0	21.4	
22 Acetone	43	2.839	2.848	-0.009	90	60990	100.0	78.2	
23 Iodomethane	142	2.913	2.922	-0.009	95	86556	20.0	23.7	
24 Isopropyl alcohol	45	2.922	2.930	-0.008	28	15715	200.0	209.9	
25 Carbon disulfide	76	2.963	2.971	-0.008	98	182661	20.0	20.5	
26 3-Chloro-1-propene	41	3.053	3.061	-0.008	94	61631	20.0	15.0	
27 Methyl acetate	43	3.061	3.070	-0.009	96	62982	40.0	33.4	
28 Cyclopentene	67	3.078	3.086	-0.008	94	115492	20.0	19.1	
29 Acetonitrile	41	3.119	3.127	-0.008	20	59367	200.0	260.2	a
* 31 TBA-d9 (IS)	65	3.176	3.176	0.000	0	180976	1000.0	1000.0	
30 Methylene Chloride	84	3.193	3.193	0.000	85	55764	20.0	20.6	
32 2-Methyl-2-propanol	59	3.242	3.242	0.000	33	44048	200.0	216.6	a
33 Methyl tert-butyl ether	73	3.333	3.341	-0.009	96	115024	20.0	20.7	
34 trans-1,2-Dichloroethene	96	3.357	3.365	-0.008	91	48105	20.0	21.3	
35 Acrylonitrile	53	3.431	3.439	-0.008	95	186766	200.0	180.7	
36 Hexane	43	3.505	3.513	-0.008	87	32372	20.0	17.2	
37 Isopropyl ether	45	3.719	3.719	0.000	91	115585	20.0	17.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	3.743	3.752	-0.009	99	73403	20.0	19.4	
39 Vinyl acetate	86	3.752	3.768	-0.016	99	20980	40.0	42.3	
40 2-Chloro-1,3-butadiene	88	3.793	3.793	0.000	87	43403	20.0	21.6	
41 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	91	118966	20.0	19.9	
* 42 2-Butanone-d5	46	4.212	4.220	-0.008	0	204564	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.236	0.009	78	15490	20.0	22.2	
44 cis-1,2-Dichloroethene	96	4.253	4.253	0.000	99	51981	20.0	21.2	
46 2-Butanone (MEK)	72	4.269	4.277	-0.008	97	31627	100.0	117.4	
45 Ethyl acetate	70	4.269	4.277	-0.008	94	11176	40.0	49.9	
47 Methyl acrylate	55	4.327	4.327	0.000	98	40490	20.0	17.6	
48 Propionitrile	54	4.401	4.401	0.000	99	67580	200.0	215.8	
50 Chlorobromomethane	128	4.475	4.475	0.000	82	26517	20.0	22.5	
49 Tetrahydrofuran	72	4.475	4.475	0.000	66	14930	40.0	50.8	
51 Methacrylonitrile	67	4.499	4.499	0.000	85	220695	200.0	191.1	
52 Chloroform	83	4.524	4.524	0.000	98	72676	20.0	20.5	
53 Cyclohexane	84	4.655	4.664	-0.009	85	83671	20.0	21.4	
54 1,1,1-Trichloroethane	97	4.672	4.680	-0.008	97	64611	20.0	20.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.680	0.000	97	94504	50.0	49.4	
56 Carbon tetrachloride	117	4.787	4.795	-0.008	97	51366	20.0	20.4	
57 1,1-Dichloropropene	75	4.812	4.820	-0.008	97	61078	20.0	20.0	
58 Isobutyl alcohol	43	4.935	4.935	0.000	94	24053	500.0	376.9	
59 Benzene	78	5.009	5.017	-0.008	95	197457	20.0	20.5	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	105964	50.0	44.8	
61 Isopropyl acetate	43	5.066	5.066	0.000	89	111628	20.0	17.9	
62 Tert-amyl methyl ether	73	5.074	5.074	0.000	87	133886	20.0	21.0	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	97	55819	20.0	19.7	
64 n-Heptane	57	5.165	5.165	0.000	84	35898	20.0	19.8	
* 65 Fluorobenzene	96	5.296	5.296	0.000	100	431251	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	82	26585	500.0	504.6	
67 Trichloroethene	95	5.641	5.641	0.000	95	46613	20.0	20.7	
68 Ethyl acrylate	55	5.765	5.765	0.000	97	113054	20.0	19.2	
69 Methylcyclohexane	83	5.773	5.773	0.000	87	93977	20.0	21.8	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	93	44611	20.0	19.2	
* 71 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	19200	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	6.003	0.000	80	28901	40.0	41.0	
73 1,4-Dioxane	88	6.052	6.044	0.008	84	9812	400.0	463.9	a
75 Dibromomethane	93	6.052	6.052	0.000	97	30358	20.0	21.4	
74 n-Propyl acetate	43	6.061	6.061	0.001	94	48341	20.0	14.8	
76 Dichlorobromomethane	83	6.200	6.200	0.000	98	56310	20.0	20.3	
77 2-Nitropropane	41	6.537	6.537	0.000	81	18398	40.0	33.7	
78 2-Chloroethyl vinyl ether	63	6.537	6.545	-0.008	80	23198	20.0	17.3	
79 Epichlorohydrin	57	6.644	6.644	0.000	97	90599	400.0	458.8	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	87	70911	20.0	18.7	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.874	-0.008	91	207873	100.0	112.9	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	100	414461	50.0	48.5	
83 Toluene	91	7.022	7.022	0.000	92	207168	20.0	20.3	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	91	60739	20.0	18.9	
85 Ethyl methacrylate	69	7.400	7.400	0.000	84	63461	20.0	19.6	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	94	34575	20.0	19.7	
87 Tetrachloroethene	166	7.630	7.630	0.000	93	44737	20.0	22.5	
88 1,3-Dichloropropane	76	7.786	7.794	-0.008	89	69233	20.0	18.9	
89 2-Hexanone	43	7.860	7.860	0.000	89	128147	100.0	107.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 n-Butyl acetate	43	7.975	7.975	0.000	95	60072	20.0	16.8	
91 Chlorodibromomethane	129	8.016	8.016	0.000	97	41802	20.0	21.3	
92 Ethylene Dibromide	107	8.172	8.172	0.000	99	42449	20.0	21.4	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	309684	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	131606	20.0	21.2	
95 Ethylbenzene	106	8.862	8.871	-0.009	97	77680	20.0	21.7	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	95	46010	20.0	22.6	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	96198	20.0	22.4	
98 n-Butyl acrylate	73	9.471	9.471	0.000	99	40921	20.0	20.6	
99 o-Xylene	106	9.487	9.487	0.000	95	98230	20.0	22.3	
100 Styrene	104	9.512	9.512	0.000	98	156477	20.0	22.1	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	76517	20.0	16.4	
102 Bromoform	173	9.717	9.717	0.000	96	28266	20.0	22.6	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	246845	20.0	22.0	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	90	122506	50.0	54.3	
105 Bromobenzene	156	10.136	10.136	0.000	98	58140	20.0	22.1	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	62495	20.0	19.0	
107 N-Propylbenzene	91	10.202	10.202	0.000	100	297649	20.0	19.5	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	97	19278	20.0	20.0	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	81	14253	20.0	17.4	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	202935	20.0	19.9	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	253722	20.0	20.9	
112 1,3,5-Trimethylbenzene	105	10.350	10.358	-0.008	94	207756	20.0	19.9	
113 4-Chlorotoluene	91	10.383	10.383	0.000	96	187757	20.0	20.9	
114 Butyl Methacrylate	87	10.440	10.440	0.000	84	75404	20.0	19.8	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	171881	20.0	20.9	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	96	223033	20.0	20.6	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	273634	20.0	20.4	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	96	118941	20.0	22.5	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	233785	20.0	21.0	
* 120 1,4-Dichlorobenzene-d4	152	10.909	10.908	0.000	94	174951	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	96	120256	20.0	22.2	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	234864	20.0	20.8	
123 Benzyl chloride	91	11.024	11.024	0.000	99	122330	20.0	20.6	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	235005	20.0	21.2	
125 p-Diethylbenzene	119	11.114	11.106	0.008	94	135254	20.0	22.1	
126 n-Butylbenzene	92	11.130	11.122	0.008	98	130578	20.0	20.8	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	97	125802	20.0	22.8	
128 1,2,4,5-Tetramethylbenzene	119	11.599	11.590	0.009	98	240508	20.0	21.5	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.656	0.008	92	15846	20.0	21.1	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	99485	20.0	23.4	
131 1,2,4-Trichlorobenzene	180	12.141	12.133	0.008	93	94822	20.0	23.4	
132 Hexachlorobutadiene	225	12.215	12.207	0.008	95	34829	20.0	23.6	
133 Naphthalene	128	12.314	12.305	0.009	99	273558	20.0	22.3	
134 1,2,3-Trichlorobenzene	180	12.470	12.461	0.009	95	90065	20.0	23.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 136 Xylenes, Total	100				0		40.0	44.8	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
GASES Li_00376	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98172.D

Injection Date: 07-Jul-2020 20:54:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

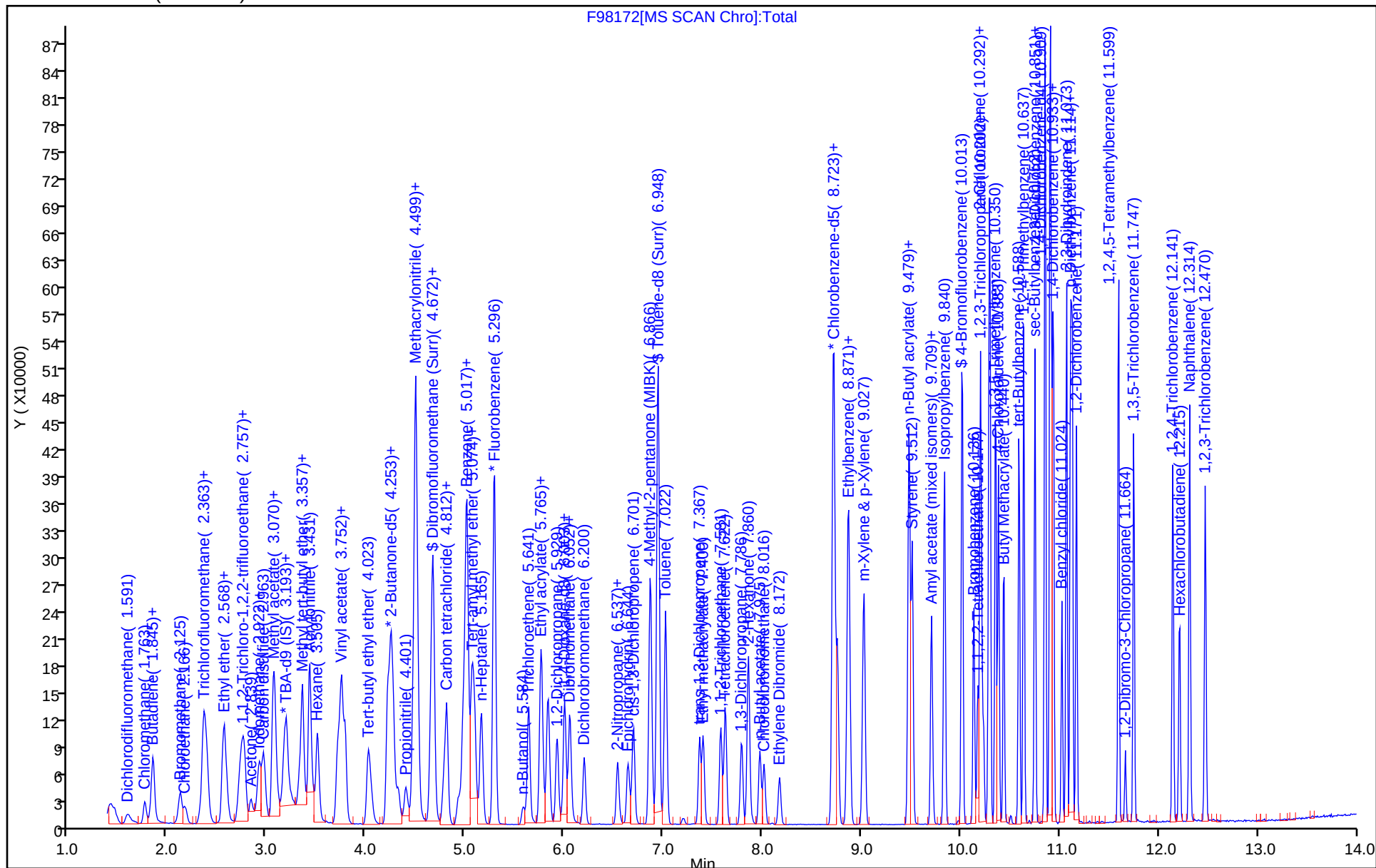
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98172.D

Injection Date: 07-Jul-2020 20:54:30

Instrument ID: CVOAMS6

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

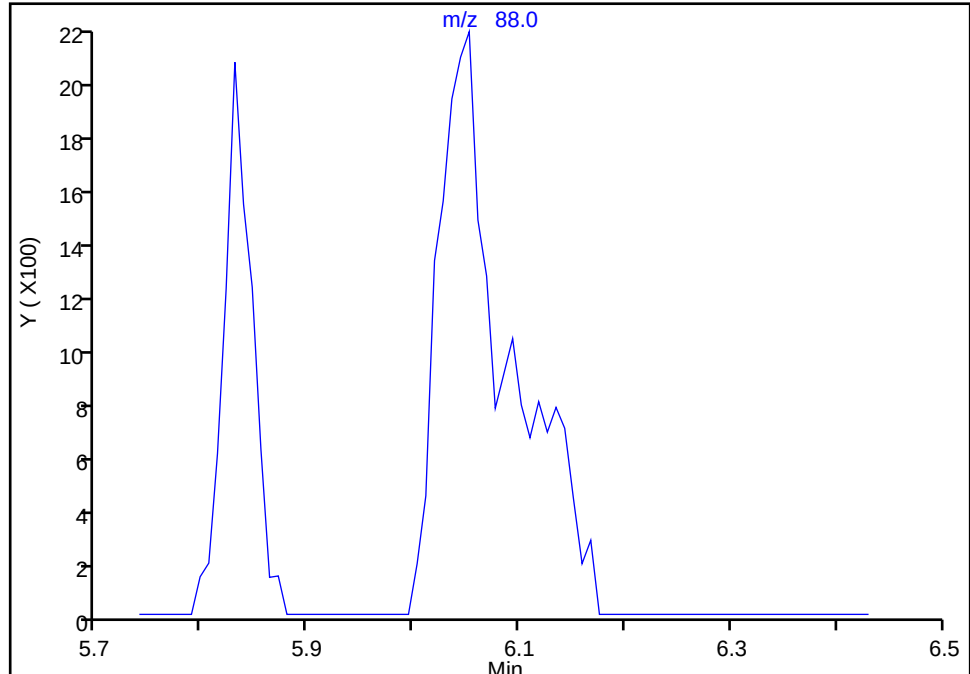
73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

Not Detected

Expected RT: 6.04

Processing Integration Results



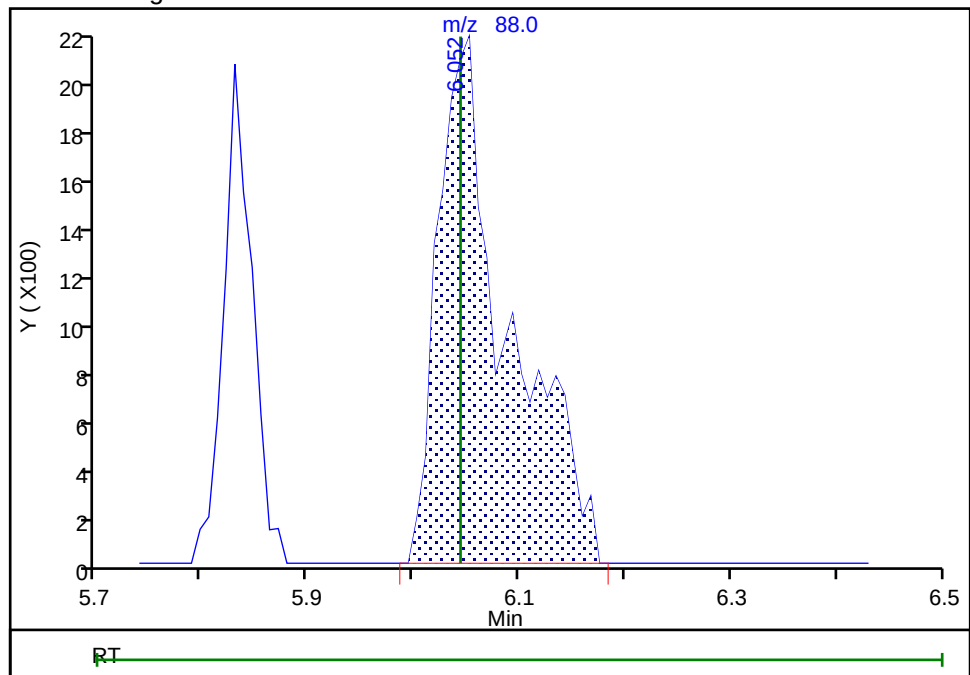
RT: 6.05

Area: 9812

Amount: 463.9288

Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 07-Jul-2020 21:39:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-706284/6
 Matrix: Water Lab File ID: A90787.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 20:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.37
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.43
75-34-3	1,1-Dichloroethane	19.0		1.0	0.26
75-35-4	1,1-Dichloroethene	19.4		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	33.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	24.8		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		1.0	0.38
106-93-4	1,2-Dibromoethane	22.9		1.0	0.50
95-50-1	1,2-Dichlorobenzene	21.4		1.0	0.43
107-06-2	1,2-Dichloroethane	19.3		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.3		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.1		1.0	0.33
123-91-1	1,4-Dioxane	444		50	28
78-93-3	2-Butanone	109		5.0	1.9
591-78-6	2-Hexanone	103		5.0	1.1
108-10-1	4-Methyl-2-pentanone	110		5.0	1.3
67-64-1	Acetone	88.1		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
74-97-5	Bromochloromethane	21.2		1.0	0.41
75-27-4	Bromodichloromethane	20.5		1.0	0.34
75-25-2	Bromoform	26.7		1.0	0.54
74-83-9	Bromomethane	17.6		1.0	0.55
75-15-0	Carbon disulfide	19.8		1.0	0.82
56-23-5	Carbon tetrachloride	24.9		1.0	0.21
108-90-7	Chlorobenzene	21.4		1.0	0.38
75-00-3	Chloroethane	16.6		1.0	0.32
67-66-3	Chloroform	19.7		1.0	0.33
74-87-3	Chloromethane	13.9		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	22.6		1.0	0.22
110-82-7	Cyclohexane	20.1		1.0	0.32
124-48-1	Dibromochloromethane	24.1		1.0	0.28
75-71-8	Dichlorodifluoromethane	11.0		1.0	0.31
100-41-4	Ethylbenzene	20.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-706284/6
 Matrix: Water Lab File ID: A90787.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/06/2020 20:37
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706284 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	21.3		1.0	0.31
98-82-8	Isopropylbenzene	20.6		1.0	0.34
179601-23-1	m&p-Xylene	20.5		1.0	0.30
79-20-9	Methyl acetate	34.7		5.0	0.79
108-87-2	Methylcyclohexane	22.0		1.0	0.26
75-09-2	Methylene Chloride	19.1		1.0	0.32
1634-04-4	MTBE	21.2		1.0	0.47
95-47-6	o-Xylene	20.9		1.0	0.36
100-42-5	Styrene	21.6		1.0	0.42
127-18-4	Tetrachloroethene	20.7		1.0	0.25
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.0		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	25.1		1.0	0.49
79-01-6	Trichloroethene	19.1		1.0	0.31
75-69-4	Trichlorofluoromethane	18.1		1.0	0.32
75-01-4	Vinyl chloride	15.8		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		75-123
460-00-4	Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\A90787.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 06-Jul-2020 20:37:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: lcsd
 Misc. Info.: 460-0112801-006
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200706-112801.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 07-Jul-2020 14:27:37 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1047

First Level Reviewer: xuyvo

Date: 07-Jul-2020 14:27:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.678	1.684	-0.006	99	52552	20.0	11.0	
6 Chloromethane	50	1.897	1.904	-0.007	98	78921	20.0	13.9	
8 Vinyl chloride	62	2.007	2.013	-0.006	98	87158	20.0	15.8	
7 Butadiene	39	2.032	2.038	-0.006	96	63733	20.0	14.1	
9 Bromomethane	94	2.373	2.373	0.000	98	66482	20.0	17.6	
10 Chloroethane	64	2.464	2.477	-0.013	97	51011	20.0	16.6	
12 Trichlorofluoromethane	101	2.690	2.684	0.006	71	90881	20.0	18.1	
11 Dichlorofluoromethane	67	2.678	2.690	-0.012	98	120253	20.0	17.8	
13 Pentane	72	2.714	2.721	-0.007	98	22393	40.0	36.0	
14 Ethyl ether	59	2.940	2.940	0.000	94	46329	20.0	17.1	
15 Ethanol	46	2.934	2.946	-0.012	78	13147	800.0	647.1	
16 2-Methyl-1,3-butadiene	53	2.964	2.964	0.000	95	51521	20.0	16.6	
19 Acrolein	56	3.141	3.141	0.000	93	14269	40.0	104.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.166	-0.013	98	73427	20.0	21.3	
21 1,1-Dichloroethene	96	3.178	3.178	0.000	97	63180	20.0	19.4	
22 Acetone	58	3.281	3.281	0.000	89	29363	100.0	88.1	
23 Iodomethane	142	3.354	3.355	-0.001	95	129233	20.0	21.7	
25 Isopropyl alcohol	45	3.385	3.385	0.000	34	39049	200.0	218.1	
24 Carbon disulfide	76	3.391	3.391	0.000	98	252234	20.0	19.8	
26 3-Chloro-1-propene	76	3.519	3.525	-0.006	89	45664	20.0	19.6	
27 Methyl acetate	43	3.537	3.538	-0.001	70	78324	40.0	34.7	
28 Cyclopentene	67	3.537	3.544	-0.007	91	162381	20.0	18.8	
29 Acetonitrile	41	3.598	3.605	-0.007	98	62843	200.0	152.8	
30 Methylene Chloride	84	3.659	3.659	0.000	86	75984	20.0	19.1	a
* 31 TBA-d9 (IS)	65	3.659	3.666	-0.007	78	262141	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.726	3.745	-0.019	98	50398	200.0	200.1	
33 Methyl tert-butyl ether	73	3.824	3.830	-0.006	97	158598	20.0	21.2	
34 trans-1,2-Dichloroethene	96	3.842	3.848	-0.006	93	64734	20.0	19.0	
35 Acrylonitrile	53	3.921	3.922	-0.001	95	241019	200.0	191.9	
36 Hexane	43	3.995	3.995	0.000	89	48328	20.0	18.3	
37 Isopropyl ether	45	4.196	4.202	-0.006	97	181127	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	4.232	4.233	0.000	99	106807	20.0	19.0	
39 Vinyl acetate	86	4.238	4.239	-0.001	99	22316	40.0	51.1	
40 2-Chloro-1,3-butadiene	88	4.269	4.269	0.000	87	59143	20.0	21.4	
41 Tert-butyl ethyl ether	59	4.488	4.489	-0.001	90	167726	20.0	21.2	
* 42 2-Butanone-d5	46	4.659	4.659	0.000	90	260298	250.0	250.0	
43 2,2-Dichloropropane	97	4.683	4.684	-0.001	77	17576	20.0	22.4	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	99	71345	20.0	19.9	
45 Ethyl acetate	70	4.702	4.708	-0.006	94	13040	40.0	51.7	
46 2-Butanone (MEK)	72	4.708	4.708	0.000	97	34610	100.0	108.6	
47 Methyl acrylate	55	4.757	4.751	0.006	100	46796	20.0	20.8	
48 Propionitrile	54	4.830	4.824	0.006	100	87702	200.0	197.1	
50 Tetrahydrofuran	72	4.891	4.891	0.000	66	16050	40.0	45.0	
49 Chlorobromomethane	128	4.891	4.891	0.000	81	35896	20.0	21.2	
51 Methacrylonitrile	67	4.909	4.909	0.000	89	266074	200.0	214.5	
52 Chloroform	83	4.927	4.934	-0.007	99	99530	20.0	19.7	
53 Cyclohexane	56	5.043	5.043	0.000	89	116533	20.0	20.1	
\$ 54 Dibromofluoromethane (Surr)	113	5.061	5.062	-0.001	97	123133	50.0	47.7	
55 1,1,1-Trichloroethane	97	5.055	5.062	-0.007	73	79626	20.0	21.6	
56 Carbon tetrachloride	117	5.153	5.153	0.000	98	51690	20.0	24.9	
57 1,1-Dichloropropene	75	5.171	5.171	0.000	99	79986	20.0	19.9	
58 Isobutyl alcohol	43	5.250	5.251	-0.001	95	35454	500.0	605.0	
59 Isooctane	57	5.299	5.299	0.000	95	213018	20.0	20.8	
60 Benzene	78	5.336	5.336	0.000	95	247035	20.0	20.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.342	5.342	0.000	97	133667	50.0	45.4	
62 Isopropyl acetate	43	5.354	5.360	-0.006	97	149441	20.0	20.6	
63 Tert-amyl methyl ether	87	5.366	5.366	0.000	91	54933	20.0	23.0	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	96	68030	20.0	19.3	
65 n-Heptane	71	5.433	5.433	0.000	88	71989	20.0	19.1	
* 66 Fluorobenzene	96	5.555	5.555	0.000	99	554011	50.0	50.0	
67 n-Butanol	56	5.769	5.775	-0.006	85	23482	500.0	654.6	
68 Trichloroethene	95	5.842	5.842	0.000	97	57905	20.0	19.1	
70 Ethyl acrylate	55	5.921	5.921	0.000	97	61143	20.0	19.5	a
69 Methylcyclohexane	83	5.952	5.958	-0.006	93	123605	20.0	22.0	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	91	58762	20.0	19.2	
73 Methyl methacrylate	100	6.128	6.128	0.000	87	31542	40.0	49.7	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	93	33011	1000.0	1000.0	
74 n-Propyl acetate	43	6.171	6.171	0.000	96	57149	20.0	18.0	
76 1,4-Dioxane	88	6.189	6.183	0.006	47	15713	400.0	444.2	
75 Dibromomethane	93	6.208	6.208	0.000	96	36506	20.0	20.3	
77 Dichlorobromomethane	83	6.329	6.330	-0.001	97	58880	20.0	20.5	
78 2-Chloroethyl vinyl ether	63	6.598	6.604	-0.006	95	33246	20.0	18.8	
79 2-Nitropropane	41	6.616	6.616	0.000	40	10886	40.0	47.9	a
80 Epichlorohydrin	57	6.695	6.695	0.000	98	101350	400.0	481.8	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	89	81593	20.0	22.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	94	255867	100.0	110.3	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	99	487444	50.0	49.4	
84 Toluene	91	6.988	6.988	0.000	94	246265	20.0	20.6	
85 trans-1,3-Dichloropropene	75	7.207	7.208	-0.001	95	65926	20.0	25.1	
86 Ethyl methacrylate	69	7.207	7.208	-0.001	81	66261	20.0	20.0	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	98	41734	20.0	20.5	
88 Tetrachloroethene	166	7.390	7.390	0.000	96	58101	20.0	20.7	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	90	85086	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
90 2-Hexanone	43	7.494	7.494	0.000	93	153374	100.0	103.1	
91 n-Butyl acetate	73	7.549	7.549	0.000	97	12726	20.0	20.0	
92 Chlorodibromomethane	129	7.622	7.622	0.000	96	40307	20.0	24.1	
93 Ethylene Dibromide	107	7.719	7.720	-0.001	98	48407	20.0	22.9	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	84	390733	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	96	157800	20.0	21.4	
96 Ethylbenzene	106	8.061	8.061	0.000	97	88011	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.073	8.073	0.000	91	48673	20.0	28.3	
98 m-Xylene & p-Xylene	106	8.134	8.134	0.000	97	107763	20.0	20.5	
99 n-Butyl acrylate	73	8.335	8.335	0.000	97	35994	20.0	21.4	
100 o-Xylene	106	8.390	8.390	0.000	94	111571	20.0	20.9	
101 Styrene	104	8.402	8.402	0.000	97	177634	20.0	21.6	
102 Amyl acetate (mixed isomers)	43	8.469	8.469	0.000	92	80015	20.0	17.4	
103 Bromoform	173	8.542	8.543	-0.001	96	22508	20.0	26.7	
104 Isopropylbenzene	105	8.591	8.591	0.000	95	289860	20.0	20.6	
\$ 105 4-Bromofluorobenzene	174	8.719	8.719	0.000	95	145625	50.0	51.0	
106 1,1,2,2-Tetrachloroethane	83	8.799	8.805	-0.006	98	69128	20.0	20.5	
107 Bromobenzene	156	8.811	8.811	0.000	98	67043	20.0	20.4	
108 N-Propylbenzene	91	8.823	8.823	0.000	99	345443	20.0	20.5	
109 trans-1,4-Dichloro-2-butene	53	8.835	8.841	-0.006	69	13843	20.0	17.2	
110 1,2,3-Trichloropropane	110	8.841	8.841	0.000	95	19510	20.0	19.7	
111 4-Ethyltoluene	105	8.884	8.884	0.000	97	277603	20.0	19.5	
112 2-Chlorotoluene	91	8.902	8.902	0.000	96	249589	20.0	20.4	
113 1,3,5-Trimethylbenzene	105	8.920	8.921	-0.001	93	252631	20.0	20.7	
114 Butyl Methacrylate	87	8.945	8.945	0.000	86	75163	20.0	18.5	
115 4-Chlorotoluene	91	8.963	8.963	0.000	96	195799	20.0	20.8	
116 tert-Butylbenzene	119	9.097	9.104	-0.007	95	203690	20.0	21.8	
117 1,2,4-Trimethylbenzene	105	9.134	9.134	0.000	96	256489	20.0	20.5	
118 sec-Butylbenzene	105	9.219	9.225	-0.006	99	332357	20.0	21.2	
119 4-Isopropyltoluene	119	9.298	9.299	-0.001	98	280578	20.0	21.0	
120 1,3-Dichlorobenzene	146	9.329	9.329	0.000	97	139044	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	9.372	9.372	0.000	94	215683	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.384	9.384	0.000	74	140062	20.0	21.1	
123 1,2,3-Trimethylbenzene	105	9.384	9.390	-0.006	97	275719	20.0	20.5	
124 Benzyl chloride	91	9.469	9.469	0.000	99	75341	20.0	28.6	
125 2,3-Dihydroindene	117	9.518	9.518	0.000	93	291747	20.0	20.6	
126 p-Diethylbenzene	119	9.524	9.524	0.000	94	171113	20.0	21.6	
127 n-Butylbenzene	92	9.542	9.542	0.000	97	157990	20.0	21.1	
128 1,2-Dichlorobenzene	146	9.622	9.622	0.000	98	145858	20.0	21.4	
129 1,2,4,5-Tetramethylbenzene	119	10.036	10.036	0.000	98	273615	20.0	22.5	
130 1,2-Dibromo-3-Chloropropane	75	10.146	10.146	0.000	92	8545	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	10.249	10.250	-0.001	98	122400	20.0	22.8	
132 1,2,4-Trichlorobenzene	180	10.755	10.762	-0.007	93	103602	20.0	24.8	
133 Hexachlorobutadiene	225	10.835	10.835	0.000	97	42541	20.0	21.3	
134 Naphthalene	128	10.999	11.006	-0.007	99	231349	20.0	30.3	
135 1,2,3-Trichlorobenzene	180	11.225	11.231	-0.006	95	91429	20.0	33.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 137 Xylenes, Total	100				0		40.0	41.4	
S 138 Total BTEX	1				0		100.0	102.7	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00375	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

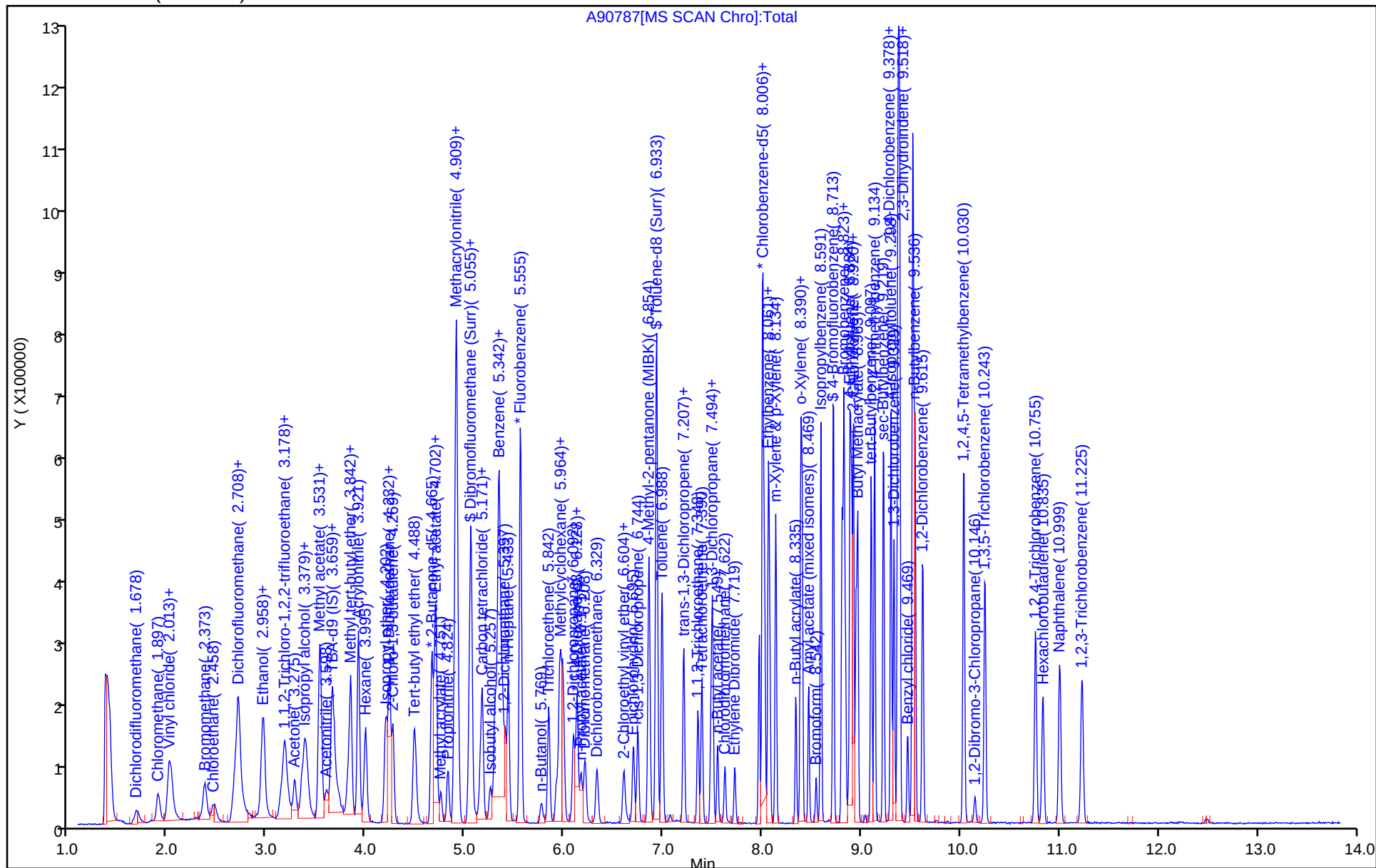
Operator ID: VOA GC/MS1

Worklist Smp#: 6

ALS Bottle#: 5

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

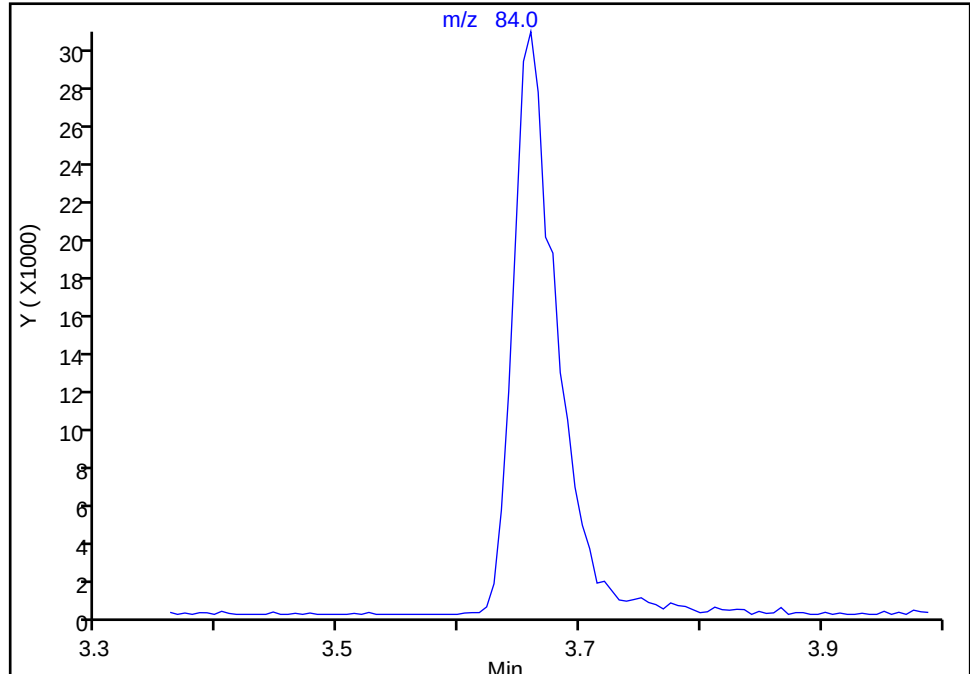
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Injection Date: 06-Jul-2020 20:37:30 Instrument ID: CVOAMS1
Lims ID: LCSD
Client ID:
Operator ID: VOA GC/MS1 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

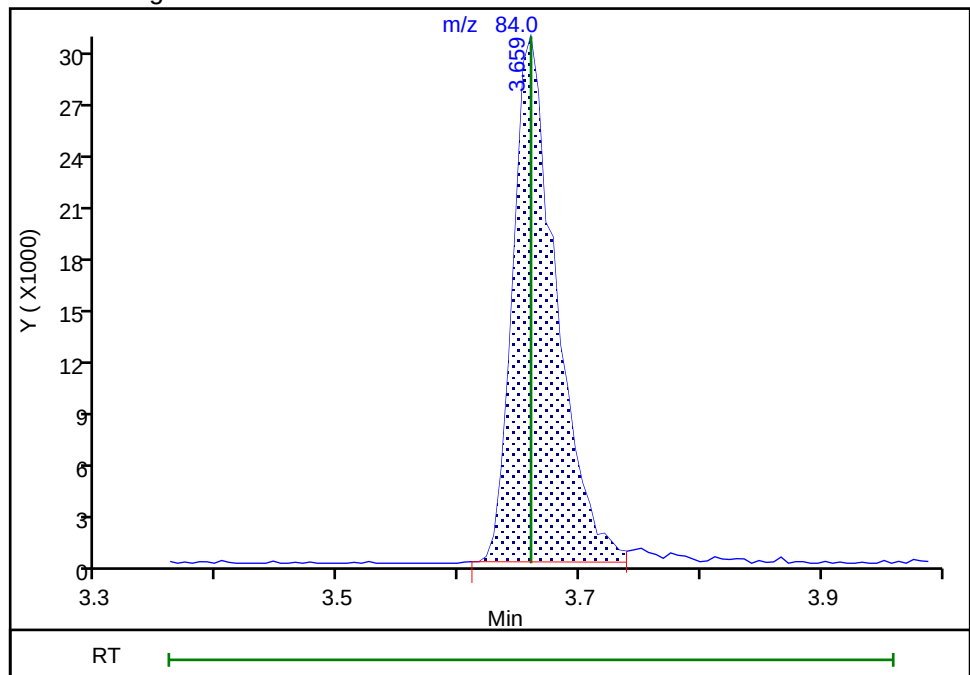
Not Detected
Expected RT: 3.66

Processing Integration Results



RT: 3.66
Area: 75984
Amount: 19.112155
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 07-Jul-2020 07:56:38
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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07/09/2020

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-706392/5

Matrix: Water Lab File ID: A90816.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 10:21

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)

% Moisture: _____ Level: (low/med) Low

Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.43
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	16.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	29.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	22.1		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		1.0	0.38
106-93-4	1,2-Dibromoethane	22.1		1.0	0.50
95-50-1	1,2-Dichlorobenzene	19.3		1.0	0.43
107-06-2	1,2-Dichloroethane	19.3		1.0	0.43
78-87-5	1,2-Dichloropropane	18.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.5		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.33
123-91-1	1,4-Dioxane	423		50	28
78-93-3	2-Butanone	106		5.0	1.9
591-78-6	2-Hexanone	99.1		5.0	1.1
108-10-1	4-Methyl-2-pentanone	103		5.0	1.3
67-64-1	Acetone	78.0		5.0	4.4
71-43-2	Benzene	19.3		1.0	0.20
74-97-5	Bromochloromethane	20.7		1.0	0.41
75-27-4	Bromodichloromethane	20.1		1.0	0.34
75-25-2	Bromoform	25.0		1.0	0.54
74-83-9	Bromomethane	17.4		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	24.3		1.0	0.21
108-90-7	Chlorobenzene	20.3		1.0	0.38
75-00-3	Chloroethane	17.2		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	14.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.22
110-82-7	Cyclohexane	19.0		1.0	0.32
124-48-1	Dibromochloromethane	21.4		1.0	0.28
75-71-8	Dichlorodifluoromethane	13.8		1.0	0.31
100-41-4	Ethylbenzene	19.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-706392/5
 Matrix: Water Lab File ID: A90816.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 10:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706392 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	20.1		1.0	0.31
98-82-8	Isopropylbenzene	19.6		1.0	0.34
179601-23-1	m&p-Xylene	19.8		1.0	0.30
79-20-9	Methyl acetate	35.2		5.0	0.79
108-87-2	Methylcyclohexane	21.3		1.0	0.26
75-09-2	Methylene Chloride	17.7		1.0	0.32
1634-04-4	MTBE	20.2		1.0	0.47
95-47-6	o-Xylene	20.0		1.0	0.36
100-42-5	Styrene	20.4		1.0	0.42
127-18-4	Tetrachloroethene	20.3		1.0	0.25
108-88-3	Toluene	19.4		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	22.6		1.0	0.49
79-01-6	Trichloroethene	19.4		1.0	0.31
75-69-4	Trichlorofluoromethane	18.2		1.0	0.32
75-01-4	Vinyl chloride	16.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-123
460-00-4	Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90816.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2020 10:21:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0112826-005
 Operator ID: VOA GC/MS1 Instrument ID: CVOAMS1
 Method: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\8260624W_1.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:51:18 Calib Date: 11-Jun-2020 04:26:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20200611-111447.b\A89509.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: moroneyc

Date: 07-Jul-2020 10:49:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.654	1.648	0.006	64	18081	20.0	11.5	
3 1,1-Difluoroethane	51	1.666	1.660	0.006	94	55030	20.0	14.7	
4 Dichlorodifluoromethane	85	1.690	1.696	-0.006	100	71191	20.0	13.8	
5 Chlorodifluoromethane	51	1.708	1.715	-0.007	98	66469	20.0	14.5	
6 Chloromethane	50	1.904	1.904	0.000	98	87380	20.0	14.3	
8 Vinyl chloride	62	2.013	2.019	-0.006	98	97156	20.0	16.4	
7 Butadiene	39	2.038	2.025	0.013	89	65598	20.0	13.4	a
9 Bromomethane	94	2.379	2.379	0.000	99	70803	20.0	17.4	
10 Chloroethane	64	2.471	2.471	0.000	98	56818	20.0	17.2	
11 Dichlorofluoromethane	67	2.684	2.690	-0.006	98	127094	20.0	17.5	
12 Trichlorofluoromethane	101	2.696	2.702	-0.006	68	98333	20.0	18.2	
13 Pentane	72	2.720	2.720	0.000	97	20094	40.0	28.8	
14 Ethyl ether	59	2.940	2.946	-0.006	94	47536	20.0	16.4	
15 Ethanol	46	2.940	2.958	-0.018	71	13009	800.0	571.0	
16 2-Methyl-1,3-butadiene	53	2.964	2.970	-0.006	95	53963	20.0	16.1	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	3.025	3.013	0.012	85	61406	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	3.080	3.092	-0.012	87	99209	20.0	17.8	a
19 Acrolein	56	3.141	3.147	-0.006	85	13559	40.0	88.1	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.153	3.159	-0.006	95	74493	20.0	20.1	
21 1,1-Dichloroethene	96	3.184	3.178	0.006	96	59057	20.0	16.8	
22 Acetone	58	3.287	3.287	0.000	88	28255	100.0	78.0	
23 Iodomethane	142	3.355	3.361	-0.007	95	127682	20.0	19.9	
24 Carbon disulfide	76	3.397	3.391	0.006	99	233343	20.0	17.0	
25 Isopropyl alcohol	45	3.379	3.397	-0.018	96	39727	200.0	198.0	
26 3-Chloro-1-propene	76	3.525	3.525	0.000	93	49851	20.0	19.9	
27 Methyl acetate	43	3.537	3.543	-0.006	76	85368	40.0	35.2	
28 Cyclopentene	67	3.543	3.550	-0.007	93	167265	20.0	18.0	
29 Acetonitrile	41	3.598	3.604	-0.006	95	69454	200.0	150.6	
30 Methylene Chloride	84	3.659	3.665	-0.006	82	75695	20.0	17.7	
* 31 TBA-d9 (IS)	65	3.659	3.678	-0.019	71	293968	1000.0	1000.0	a
32 2-Methyl-2-propanol	59	3.739	3.745	-0.006	96	58051	200.0	205.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.824	3.830	-0.006	96	162476	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.848	3.848	0.000	93	70459	20.0	19.2	
35 Acrylonitrile	53	3.921	3.928	-0.007	95	253870	200.0	187.9	
36 Hexane	43	3.989	3.995	-0.006	90	52406	20.0	18.4	
37 Isopropyl ether	45	4.202	4.202	0.000	96	184191	20.0	17.2	
38 1,1-Dichloroethane	63	4.232	4.232	0.000	98	113968	20.0	18.8	
39 Vinyl acetate	86	4.238	4.238	0.000	99	21608	40.0	44.1	
40 2-Chloro-1,3-butadiene	88	4.269	4.275	-0.006	88	58791	20.0	19.8	
41 Tert-butyl ethyl ether	59	4.488	4.488	0.000	91	170675	20.0	20.1	
* 42 2-Butanone-d5	46	4.665	4.665	0.000	92	282858	250.0	250.0	
43 2,2-Dichloropropane	97	4.690	4.690	0.000	62	16810	20.0	19.9	
44 cis-1,2-Dichloroethene	96	4.696	4.696	0.000	95	74347	20.0	19.3	
46 2-Butanone (MEK)	72	4.714	4.708	0.006	98	36698	100.0	106.0	
45 Ethyl acetate	70	4.708	4.714	-0.006	93	12924	40.0	47.2	
47 Methyl acrylate	55	4.751	4.757	-0.006	99	47985	20.0	19.8	
48 Propionitrile	54	4.824	4.830	-0.006	99	92932	200.0	186.2	
50 Tetrahydrofuran	72	4.891	4.897	-0.006	67	17010	40.0	43.9	
49 Chlorobromomethane	128	4.891	4.897	-0.006	76	37822	20.0	20.7	
51 Methacrylonitrile	67	4.915	4.909	0.006	88	275903	200.0	206.7	
52 Chloroform	83	4.933	4.933	0.000	96	108379	20.0	19.9	
53 Cyclohexane	56	5.049	5.049	0.000	87	118456	20.0	19.0	
55 1,1,1-Trichloroethane	97	5.055	5.055	0.000	71	76638	20.0	19.3	
\$ 54 Dibromofluoromethane (Surr)	113	5.061	5.061	0.000	98	139056	50.0	50.1	
56 Carbon tetrachloride	117	5.159	5.159	0.000	97	54337	20.0	24.3	
57 1,1-Dichloropropene	75	5.177	5.177	0.000	98	83774	20.0	19.4	
58 Isobutyl alcohol	43	5.250	5.257	-0.007	91	34755	500.0	531.8	
59 Isooctane	57	5.305	5.305	0.000	94	209020	20.0	19.0	
60 Benzene	78	5.336	5.336	0.000	94	255552	20.0	19.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	5.348	5.342	0.006	97	147680	50.0	46.6	
62 Isopropyl acetate	43	5.360	5.360	0.000	96	151355	20.0	19.4	
63 Tert-amyl methyl ether	87	5.366	5.372	-0.006	92	56358	20.0	21.9	
64 1,2-Dichloroethane	62	5.403	5.403	0.000	98	73429	20.0	19.3	
65 n-Heptane	71	5.433	5.433	0.000	88	70519	20.0	17.4	
* 66 Fluorobenzene	96	5.555	5.561	-0.006	99	596035	50.0	50.0	
67 n-Butanol	56	5.775	5.769	0.006	83	24455	500.0	609.9	
68 Trichloroethene	95	5.842	5.848	-0.006	98	63288	20.0	19.4	
70 Ethyl acrylate	55	5.921	5.921	0.000	95	69939	20.0	20.7	a
69 Methylcyclohexane	83	5.958	5.958	0.000	94	128704	20.0	21.3	
71 1,2-Dichloropropane	63	6.092	6.092	0.000	92	61194	20.0	18.5	
73 Methyl methacrylate	100	6.122	6.128	-0.006	79	32956	40.0	48.3	
* 72 1,4-Dioxane-d8	96	6.128	6.128	0.000	90	35570	1000.0	1000.0	
74 n-Propyl acetate	43	6.171	6.165	0.006	97	65485	20.0	19.2	
76 1,4-Dioxane	88	6.177	6.177	0.000	31	16133	400.0	423.3	
75 Dibromomethane	93	6.208	6.214	-0.006	93	37172	20.0	19.2	
77 Dichlorobromomethane	83	6.330	6.336	-0.006	99	62101	20.0	20.1	
78 2-Chloroethyl vinyl ether	63	6.604	6.598	0.006	96	36504	20.0	19.2	
79 2-Nitropropane	41	6.616	6.622	-0.006	40	11293	40.0	46.2	a
80 Epichlorohydrin	57	6.695	6.701	-0.006	98	109357	400.0	478.4	
81 cis-1,3-Dichloropropene	75	6.744	6.744	0.000	89	81988	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.854	6.854	0.000	94	260478	100.0	103.3	
\$ 83 Toluene-d8 (Surr)	98	6.933	6.933	0.000	100	538080	50.0	49.6	
84 Toluene	91	6.988	6.988	0.000	94	253924	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
85 trans-1,3-Dichloropropene	75	7.207	7.207	0.000	96	65298	20.0	22.6	
86 Ethyl methacrylate	69	7.207	7.207	0.000	80	63929	20.0	18.0	
87 1,1,2-Trichloroethane	83	7.348	7.348	0.000	96	41141	20.0	18.4	
88 Tetrachloroethene	166	7.390	7.390	0.000	95	62435	20.0	20.3	
89 1,3-Dichloropropane	76	7.482	7.482	0.000	91	88264	20.0	19.1	
90 2-Hexanone	43	7.500	7.500	0.000	94	160275	100.0	99.1	
91 n-Butyl acetate	73	7.549	7.549	0.000	98	13189	20.0	18.9	
92 Chlorodibromomethane	129	7.622	7.622	0.000	98	39355	20.0	21.4	
93 Ethylene Dibromide	107	7.726	7.720	0.006	99	51255	20.0	22.1	
* 94 Chlorobenzene-d5	117	8.006	8.006	0.000	83	429467	50.0	50.0	
95 Chlorobenzene	112	8.024	8.024	0.000	96	165047	20.0	20.3	
96 Ethylbenzene	106	8.067	8.061	0.006	97	93448	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.079	8.073	0.006	93	47864	20.0	25.4	
98 m-Xylene & p-Xylene	106	8.140	8.140	0.000	98	114067	20.0	19.8	
99 n-Butyl acrylate	73	8.347	8.341	0.006	98	35428	20.0	19.2	
100 o-Xylene	106	8.396	8.396	0.000	94	117758	20.0	20.0	
101 Styrene	104	8.414	8.408	0.006	97	184054	20.0	20.4	
102 Amyl acetate (mixed isomers)	43	8.482	8.475	0.007	93	75612	20.0	14.9	
103 Bromoform	173	8.561	8.555	0.006	97	23152	20.0	25.0	
104 Isopropylbenzene	105	8.610	8.603	0.007	95	304100	20.0	19.6	
\$ 105 4-Bromofluorobenzene	174	8.738	8.731	0.007	92	164226	50.0	52.3	
106 1,1,2,2-Tetrachloroethane	83	8.829	8.817	0.012	98	69860	20.0	18.7	
107 Bromobenzene	156	8.835	8.829	0.006	95	71235	20.0	19.6	
108 N-Propylbenzene	91	8.853	8.841	0.012	99	361582	20.0	19.4	
109 trans-1,4-Dichloro-2-butene	53	8.866	8.860	0.006	69	14548	20.0	16.3	
110 1,2,3-Trichloropropane	110	8.872	8.860	0.012	90	19658	20.0	18.0	
111 4-Ethyltoluene	105	8.920	8.908	0.012	98	292452	20.0	18.5	
112 2-Chlorotoluene	91	8.933	8.920	0.013	96	262373	20.0	19.4	
113 1,3,5-Trimethylbenzene	105	8.951	8.945	0.006	93	264728	20.0	19.6	
114 Butyl Methacrylate	87	8.981	8.969	0.012	86	74893	20.0	16.7	
115 4-Chlorotoluene	91	9.000	8.988	0.012	97	200457	20.0	19.2	
116 tert-Butylbenzene	119	9.140	9.128	0.012	96	210171	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	9.177	9.158	0.019	97	264214	20.0	19.1	
118 sec-Butylbenzene	105	9.268	9.250	0.018	99	341746	20.0	19.7	
119 4-Isopropyltoluene	119	9.341	9.329	0.012	98	287359	20.0	19.5	
120 1,3-Dichlorobenzene	146	9.372	9.359	0.013	96	141160	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	9.414	9.402	0.012	95	238555	50.0	50.0	
122 1,4-Dichlorobenzene	146	9.433	9.414	0.019	89	144481	20.0	19.7	
123 1,2,3-Trimethylbenzene	105	9.433	9.414	0.019	97	278085	20.0	18.7	
124 Benzyl chloride	91	9.512	9.500	0.012	99	71607	20.0	24.7	
125 2,3-Dihydroindene	117	9.567	9.548	0.019	91	298572	20.0	19.1	
126 p-Diethylbenzene	119	9.573	9.555	0.019	96	173637	20.0	19.8	
127 n-Butylbenzene	92	9.591	9.573	0.018	98	155813	20.0	18.8	
128 1,2-Dichlorobenzene	146	9.670	9.652	0.018	98	145847	20.0	19.3	
129 1,2,4,5-Tetramethylbenzene	119	10.091	10.073	0.018	98	279626	20.0	20.8	
130 1,2-Dibromo-3-Chloropropane	75	10.195	10.189	0.006	93	8547	20.0	19.1	
131 1,3,5-Trichlorobenzene	180	10.304	10.286	0.018	97	127058	20.0	21.4	
132 1,2,4-Trichlorobenzene	180	10.823	10.798	0.025	93	102276	20.0	22.1	
133 Hexachlorobutadiene	225	10.902	10.877	0.025	97	43887	20.0	19.9	
134 Naphthalene	128	11.066	11.048	0.018	99	227598	20.0	27.0	
135 1,2,3-Trichlorobenzene	180	11.292	11.274	0.018	96	89258	20.0	29.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.8	
S 138 Total BTEX	1				0		100.0	98.0	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
GASES Li_00375	Amount Added: 20.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90816.D

Injection Date: 07-Jul-2020 10:21:30

Instrument ID: CVOAMS1

Operator ID: VOA GC/MS1

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

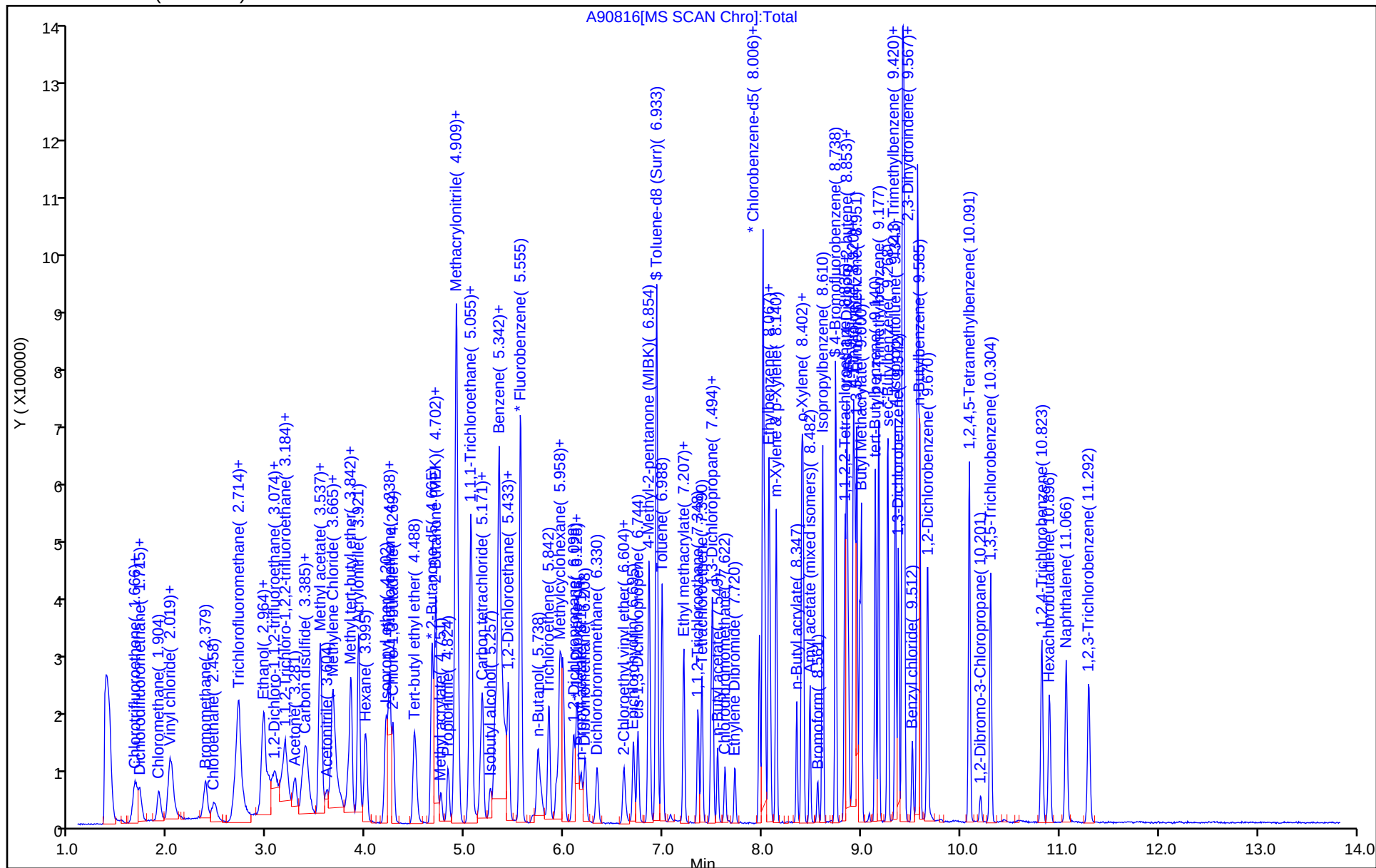
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W_1

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20200707-112826.b\A90816.D

Injection Date: 07-Jul-2020 10:21:30

Instrument ID: CVOAMS1

Lims ID: LCSD

Client ID:

Operator ID: VOA GC/MS1

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W_1

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

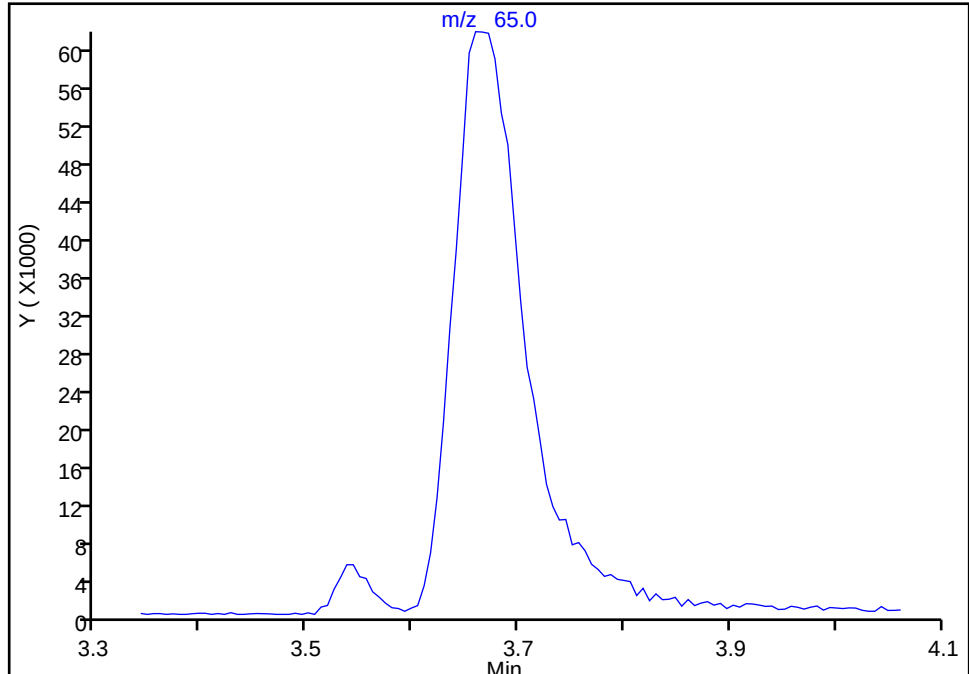
* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

Not Detected

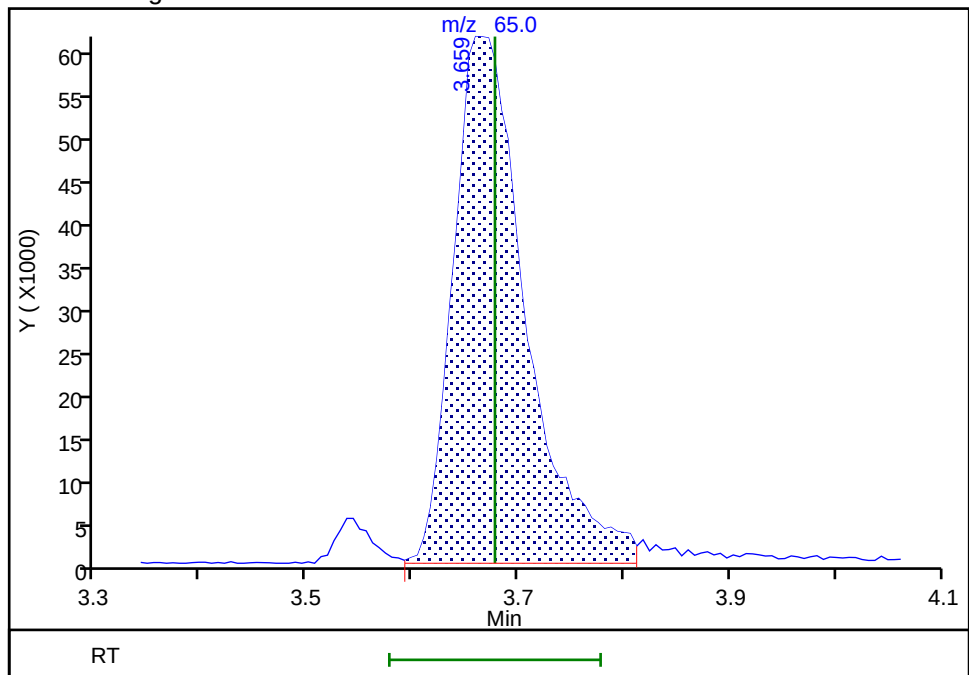
Expected RT: 3.68

Processing Integration Results



RT: 3.66
Area: 293968
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 07-Jul-2020 10:48:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-706558/6
 Matrix: Water Lab File ID: F98173.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 21:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.3		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.43
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	23.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.0	0.38
106-93-4	1,2-Dibromoethane	20.3		1.0	0.50
95-50-1	1,2-Dichlorobenzene	22.1		1.0	0.43
107-06-2	1,2-Dichloroethane	18.6		1.0	0.43
78-87-5	1,2-Dichloropropane	19.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	22.2		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.8		1.0	0.33
123-91-1	1,4-Dioxane	465		50	28
78-93-3	2-Butanone	114		5.0	1.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone	108		5.0	1.3
67-64-1	Acetone	69.4		5.0	4.4
71-43-2	Benzene	19.8		1.0	0.20
74-97-5	Bromochloromethane	21.5		1.0	0.41
75-27-4	Bromodichloromethane	19.6		1.0	0.34
75-25-2	Bromoform	22.4		1.0	0.54
74-83-9	Bromomethane	17.0		1.0	0.55
75-15-0	Carbon disulfide	20.6		1.0	0.82
56-23-5	Carbon tetrachloride	21.0		1.0	0.21
108-90-7	Chlorobenzene	20.9		1.0	0.38
75-00-3	Chloroethane	15.1		1.0	0.32
67-66-3	Chloroform	20.4		1.0	0.33
74-87-3	Chloromethane	11.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.3		1.0	0.22
110-82-7	Cyclohexane	20.8		1.0	0.32
124-48-1	Dibromochloromethane	20.8		1.0	0.28
75-71-8	Dichlorodifluoromethane	8.62		1.0	0.31
100-41-4	Ethylbenzene	21.0		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-706558/6
 Matrix: Water Lab File ID: F98173.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 07/07/2020 21:18
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 706558 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	Freon TF	21.9		1.0	0.31
98-82-8	Isopropylbenzene	21.5		1.0	0.34
179601-23-1	m&p-Xylene	21.6		1.0	0.30
79-20-9	Methyl acetate	33.4		5.0	0.79
108-87-2	Methylcyclohexane	21.2		1.0	0.26
75-09-2	Methylene Chloride	20.4		1.0	0.32
1634-04-4	MTBE	20.2		1.0	0.47
95-47-6	o-Xylene	22.3		1.0	0.36
100-42-5	Styrene	21.7		1.0	0.42
127-18-4	Tetrachloroethene	23.1		1.0	0.25
108-88-3	Toluene	19.7		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.4		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.2		1.0	0.49
79-01-6	Trichloroethene	20.8		1.0	0.31
75-69-4	Trichlorofluoromethane	17.8		1.0	0.32
75-01-4	Vinyl chloride	13.3		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		75-123
460-00-4	Bromofluorobenzene	111		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98173.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Jul-2020 21:18:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0112863-006
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Jul-2020 10:31:08 Calib Date: 01-Jul-2020 18:44:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200701-112547.b\F97868.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1057

First Level Reviewer: yallabg

Date: 07-Jul-2020 21:40:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	1.590	1.599	-0.009	99	27686	20.0	8.62	
6 Chloromethane	50	1.763	1.771	-0.008	99	37215	20.0	11.4	
7 Butadiene	54	1.845	1.845	0.000	94	37466	20.0	12.9	
8 Vinyl chloride	62	1.853	1.862	-0.009	97	43262	20.0	13.3	
9 Bromomethane	94	2.116	2.133	-0.017	99	34374	20.0	17.0	
10 Chloroethane	64	2.174	2.182	-0.008	98	26773	20.0	15.1	
11 Dichlorofluoromethane	67	2.355	2.363	-0.008	99	70347	20.0	15.9	
12 Trichlorofluoromethane	101	2.363	2.379	-0.016	77	59802	20.0	17.8	
13 Pentane	72	2.388	2.388	0.000	94	14385	40.0	41.6	
14 Ethanol	46	2.535	2.552	-0.017	69	4887	800.0	687.2	
15 Ethyl ether	59	2.544	2.560	-0.016	95	26601	20.0	14.1	
16 2-Methyl-1,3-butadiene	53	2.568	2.585	-0.017	93	30962	20.0	14.2	
19 Acrolein	56	2.716	2.733	-0.017	31	6239	40.0	49.9	M
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.733	2.741	-0.008	96	50506	20.0	21.9	
21 1,1-Dichloroethene	96	2.766	2.774	-0.008	95	49526	20.0	21.0	
22 Acetone	43	2.831	2.848	-0.017	90	56303	100.0	69.4	
23 Iodomethane	142	2.913	2.922	-0.009	95	90795	20.0	23.4	
24 Isopropyl alcohol	45	2.913	2.930	-0.017	29	14215	200.0	211.6	
25 Carbon disulfide	76	2.963	2.971	-0.008	98	194754	20.0	20.6	
26 3-Chloro-1-propene	41	3.053	3.061	-0.008	92	69392	20.0	15.9	
27 Methyl acetate	43	3.061	3.070	-0.009	99	66910	40.0	33.4	
28 Cyclopentene	67	3.078	3.086	-0.008	93	119587	20.0	18.6	
29 Acetonitrile	41	3.119	3.127	-0.008	45	44584	200.0	217.7	a
* 31 TBA-d9 (IS)	65	3.168	3.176	-0.008	0	162437	1000.0	1000.0	
30 Methylene Chloride	84	3.185	3.193	-0.008	85	58627	20.0	20.4	
32 2-Methyl-2-propanol	59	3.242	3.242	0.000	95	41004	200.0	224.7	a
33 Methyl tert-butyl ether	73	3.332	3.341	-0.009	96	119464	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.357	3.365	-0.008	92	48841	20.0	20.4	
35 Acrylonitrile	53	3.431	3.439	-0.008	96	190829	200.0	173.9	
36 Hexane	43	3.505	3.513	-0.008	87	34473	20.0	17.3	
37 Isopropyl ether	45	3.710	3.719	-0.009	92	118567	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
38 1,1-Dichloroethane	63	3.743	3.752	-0.009	98	75710	20.0	18.8	
39 Vinyl acetate	86	3.752	3.768	-0.016	99	20085	40.0	38.1	
40 2-Chloro-1,3-butadiene	88	3.784	3.793	-0.009	87	44079	20.0	20.7	
41 Tert-butyl ethyl ether	59	4.023	4.031	-0.008	90	123311	20.0	19.4	
* 42 2-Butanone-d5	46	4.212	4.220	-0.008	0	212348	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	79	16306	20.0	22.0	
44 cis-1,2-Dichloroethene	96	4.245	4.253	-0.008	99	53408	20.0	20.5	
46 2-Butanone (MEK)	72	4.269	4.277	-0.008	97	31889	100.0	114.0	
45 Ethyl acetate	70	4.269	4.277	-0.008	94	12339	40.0	53.1	
47 Methyl acrylate	55	4.327	4.327	0.000	98	39389	20.0	16.0	
48 Propionitrile	54	4.401	4.401	0.000	98	65790	200.0	234.1	
50 Chlorobromomethane	128	4.475	4.475	0.000	81	26879	20.0	21.5	
49 Tetrahydrofuran	72	4.475	4.475	0.000	67	15254	40.0	50.0	
51 Methacrylonitrile	67	4.499	4.499	0.000	86	226554	200.0	184.8	
52 Chloroform	83	4.524	4.524	0.000	99	76431	20.0	20.4	
53 Cyclohexane	84	4.655	4.664	-0.009	86	86554	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.672	4.680	-0.008	72	67590	20.0	20.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.680	-0.008	97	100421	50.0	49.5	
56 Carbon tetrachloride	117	4.787	4.795	-0.008	97	55864	20.0	21.0	
57 1,1-Dichloropropene	75	4.812	4.820	-0.008	97	63185	20.0	19.5	
58 Isobutyl alcohol	43	4.927	4.935	-0.008	95	18947	500.0	330.7	
59 Benzene	78	5.009	5.017	-0.008	95	203625	20.0	19.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.025	0.000	0	112314	50.0	44.8	
61 Isopropyl acetate	43	5.066	5.066	0.000	93	116864	20.0	17.7	
62 Tert-amyl methyl ether	73	5.074	5.074	0.000	87	138177	20.0	20.4	
63 1,2-Dichloroethane	62	5.099	5.099	0.000	97	55982	20.0	18.6	
64 n-Heptane	57	5.165	5.165	0.000	85	37267	20.0	19.4	
* 65 Fluorobenzene	96	5.296	5.296	0.000	99	457716	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	82	23409	500.0	495.0	
67 Trichloroethene	95	5.641	5.641	0.000	95	49691	20.0	20.8	
68 Ethyl acrylate	55	5.765	5.765	0.000	96	117736	20.0	18.8	
69 Methylcyclohexane	83	5.765	5.773	-0.008	84	96874	20.0	21.2	
70 1,2-Dichloropropane	63	5.929	5.929	0.000	93	46717	20.0	19.0	
* 71 1,4-Dioxane-d8	96	5.978	5.978	0.000	0	17101	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	6.003	0.000	81	31208	40.0	41.7	
73 1,4-Dioxane	88	6.044	6.044	0.000	33	8768	400.0	465.5	
75 Dibromomethane	93	6.052	6.052	0.000	96	29057	20.0	19.3	
74 n-Propyl acetate	43	6.060	6.061	0.000	95	52841	20.0	15.3	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	57690	20.0	19.6	
77 2-Nitropropane	41	6.537	6.537	0.000	82	17800	40.0	30.7	
78 2-Chloroethyl vinyl ether	63	6.537	6.545	-0.008	80	24342	20.0	17.1	
79 Epichlorohydrin	57	6.644	6.644	0.000	97	88443	400.0	431.5	
80 cis-1,3-Dichloropropene	75	6.701	6.701	0.000	87	74238	20.0	18.3	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.874	-0.008	91	206413	100.0	108.0	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.948	0.000	99	444901	50.0	48.8	
83 Toluene	91	7.022	7.022	0.000	93	214492	20.0	19.7	
84 trans-1,3-Dichloropropene	75	7.367	7.367	0.000	92	62456	20.0	18.2	
85 Ethyl methacrylate	69	7.400	7.400	0.000	84	65286	20.0	18.9	
86 1,1,2-Trichloroethane	83	7.581	7.581	0.000	96	36889	20.0	19.7	
87 Tetrachloroethene	166	7.630	7.630	0.000	94	49039	20.0	23.1	
88 1,3-Dichloropropane	76	7.786	7.794	-0.008	90	71557	20.0	18.3	
89 2-Hexanone	43	7.860	7.860	0.000	91	130780	100.0	105.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 n-Butyl acetate	43	7.975	7.975	0.000	95	61952	20.0	16.2	
91 Chlorodibromomethane	129	8.016	8.016	0.000	98	43515	20.0	20.8	
92 Ethylene Dibromide	107	8.172	8.172	0.000	100	42983	20.0	20.3	
* 93 Chlorobenzene-d5	117	8.723	8.723	0.000	84	330422	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	97	138407	20.0	20.9	
95 Ethylbenzene	106	8.862	8.871	-0.009	97	80516	20.0	21.0	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.879	0.000	95	48680	20.0	22.4	
97 m-Xylene & p-Xylene	106	9.027	9.027	0.000	0	98667	20.0	21.6	
98 n-Butyl acrylate	73	9.479	9.471	0.008	98	40020	20.0	18.9	
99 o-Xylene	106	9.487	9.487	0.000	94	104585	20.0	22.3	
100 Styrene	104	9.512	9.512	0.000	96	163244	20.0	21.7	
101 Amyl acetate (mixed isomers)	43	9.709	9.709	0.000	92	78583	20.0	15.9	
102 Bromoform	173	9.717	9.717	0.000	97	29911	20.0	22.4	
103 Isopropylbenzene	105	9.840	9.840	0.000	95	256602	20.0	21.5	
\$ 104 4-Bromofluorobenzene	174	10.021	10.021	0.000	91	133580	50.0	55.4	
105 Bromobenzene	156	10.136	10.136	0.000	98	60509	20.0	21.7	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.177	0.000	99	64050	20.0	18.3	
107 N-Propylbenzene	91	10.202	10.202	0.000	100	311152	20.0	19.2	
108 1,2,3-Trichloropropane	110	10.218	10.218	0.000	97	19505	20.0	19.0	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.235	0.000	79	14360	20.0	16.5	
110 2-Chlorotoluene	91	10.292	10.292	0.000	96	211734	20.0	19.6	
111 4-Ethyltoluene	105	10.300	10.300	0.000	98	264746	20.0	20.6	
112 1,3,5-Trimethylbenzene	105	10.350	10.358	-0.008	93	222801	20.0	20.1	
113 4-Chlorotoluene	91	10.383	10.383	0.000	96	194546	20.0	20.4	
114 Butyl Methacrylate	87	10.440	10.440	0.000	83	80605	20.0	20.0	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	180245	20.0	20.7	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	96	233857	20.0	20.3	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	287161	20.0	20.1	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	96	124645	20.0	22.2	
118 4-Isopropyltoluene	119	10.859	10.859	0.000	98	246281	20.0	20.9	
* 120 1,4-Dichlorobenzene-d4	152	10.908	10.908	0.000	93	185756	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.925	0.000	95	125313	20.0	21.8	
122 1,2,3-Trimethylbenzene	105	10.941	10.941	0.000	97	245420	20.0	20.5	
123 Benzyl chloride	91	11.024	11.024	0.000	99	125819	20.0	19.9	
124 2,3-Dihydroindene	117	11.073	11.073	0.000	94	249604	20.0	21.2	
125 p-Diethylbenzene	119	11.114	11.106	0.008	94	139191	20.0	21.4	
126 n-Butylbenzene	92	11.130	11.122	0.008	98	139634	20.0	20.9	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	96	130028	20.0	22.1	
128 1,2,4,5-Tetramethylbenzene	119	11.599	11.590	0.009	98	248990	20.0	21.0	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.656	0.008	95	15298	20.0	19.2	
130 1,3,5-Trichlorobenzene	180	11.755	11.747	0.008	97	103416	20.0	22.9	
131 1,2,4-Trichlorobenzene	180	12.149	12.133	0.016	93	99927	20.0	23.2	
132 Hexachlorobutadiene	225	12.215	12.207	0.008	96	35266	20.0	22.5	
133 Naphthalene	128	12.314	12.305	0.009	99	280134	20.0	21.5	
134 1,2,3-Trichlorobenzene	180	12.478	12.461	0.017	96	95518	20.0	23.7	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 136 Xylenes, Total	100				0		40.0	43.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
GASES Li_00376	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200707-112863.b\F98173.D

Injection Date: 07-Jul-2020 21:18:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: LCSD

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

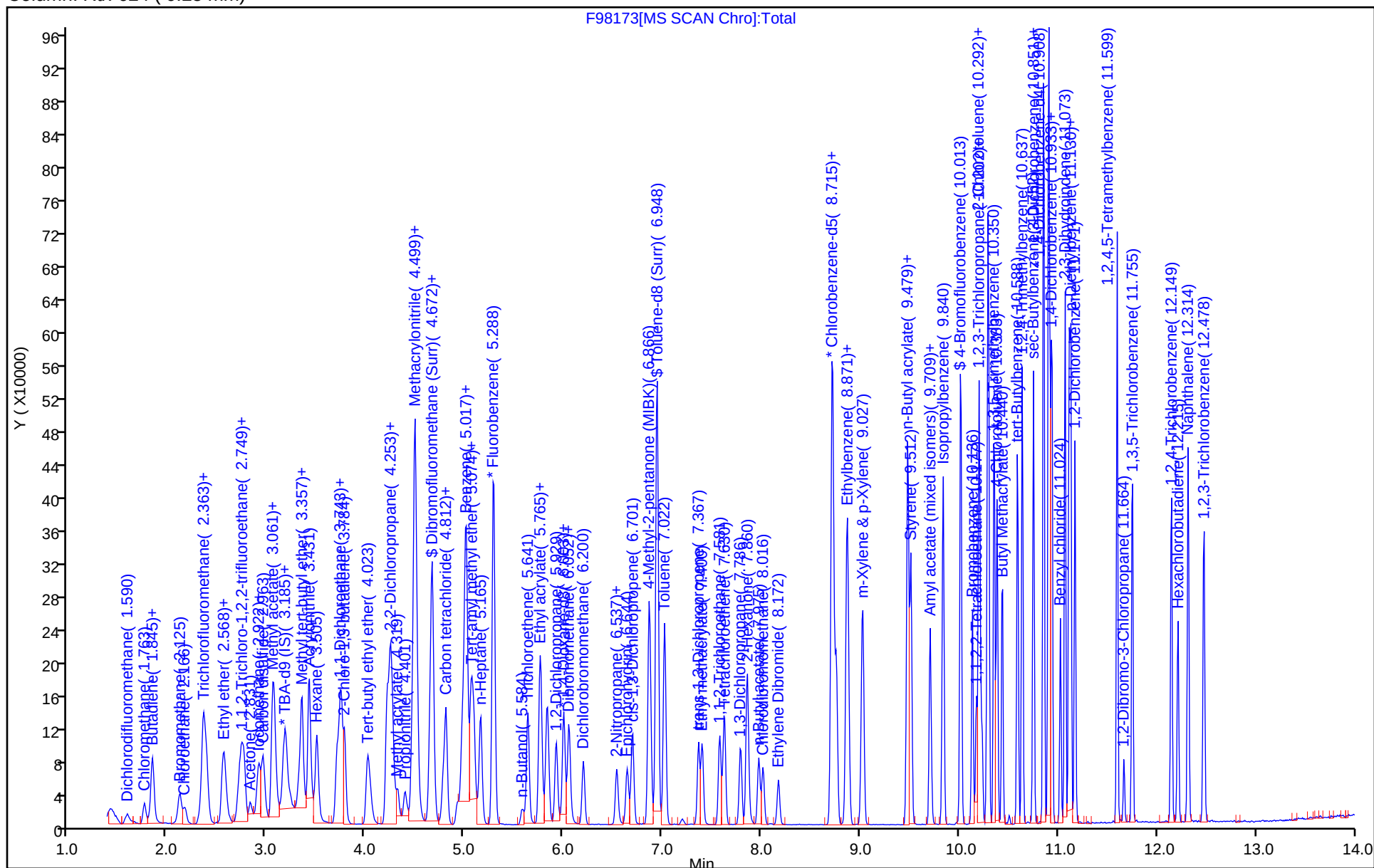
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 06/11/2020 01:12Analysis Batch Number: 700493 End Date: 06/11/2020 06:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-700493/1		06/11/2020 01:12	1	A89501.D	Rtx-624 0.25 (mm)
STD7 460-700493/3 IC		06/11/2020 02:04	1	A89503.D	Rtx-624 0.25 (mm)
STD1 460-700493/4 IC		06/11/2020 02:28	1	A89504.D	Rtx-624 0.25 (mm)
STD5 460-700493/5 IC		06/11/2020 02:52	1	A89505.D	Rtx-624 0.25 (mm)
STD20 460-700493/6 ICIS		06/11/2020 03:15	1	A89506.D	Rtx-624 0.25 (mm)
STD50 460-700493/7 IC		06/11/2020 03:39	1	A89507.D	Rtx-624 0.25 (mm)
STD200 460-700493/8 IC		06/11/2020 04:02	1	A89508.D	Rtx-624 0.25 (mm)
STD500 460-700493/9 IC		06/11/2020 04:26	1	A89509.D	Rtx-624 0.25 (mm)
ICV 460-700493/14		06/11/2020 06:58	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Instrument ID: CVOAMS1 Start Date: 07/06/2020 18:32Analysis Batch Number: 706284 End Date: 07/07/2020 06:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706284/1		07/06/2020 18:32	1	A90782.D	Rtx-624 0.25 (mm)
CCVIS 460-706284/3		07/06/2020 19:27	1	A90784.D	Rtx-624 0.25 (mm)
LCS 460-706284/4		07/06/2020 19:50	1	A90785.D	Rtx-624 0.25 (mm)
LCSD 460-706284/6		07/06/2020 20:37	1	A90787.D	Rtx-624 0.25 (mm)
MB 460-706284/10		07/06/2020 22:13	1	A90791.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 02:10	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 02:34	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 02:57	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 03:21	1		Rtx-624 0.25 (mm)
460-212426-1		07/07/2020 03:45	1	A90805.D	Rtx-624 0.25 (mm)
460-212426-2		07/07/2020 04:09	1	A90806.D	Rtx-624 0.25 (mm)
460-212426-3		07/07/2020 04:32	1	A90807.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 04:56	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 05:20	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 05:43	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 06:07	25		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-212426-1

SDG No.: _____

Instrument ID: CVOAMS1Start Date: 07/07/2020 07:46Analysis Batch Number: 706392End Date: 07/07/2020 17:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706392/1		07/07/2020 07:46	1	A90812.D	Rtx-624 0.25 (mm)
CCVIS 460-706392/3		07/07/2020 09:33	1	A90814.D	Rtx-624 0.25 (mm)
LCS 460-706392/4		07/07/2020 09:57	1	A90815.D	Rtx-624 0.25 (mm)
LCSD 460-706392/5		07/07/2020 10:21	1	A90816.D	Rtx-624 0.25 (mm)
MB 460-706392/9		07/07/2020 11:55	1	A90820.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 12:19	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 12:42	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 13:06	1		Rtx-624 0.25 (mm)
460-212426-4		07/07/2020 13:30	1	A90824.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 13:53	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 14:40	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 15:04	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 15:27	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 15:51	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 16:14	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 16:38	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 17:01	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 17:25	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 17:48	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-212426-1

SDG No.: _____

Instrument ID: CVOAMS6Start Date: 07/01/2020 15:18Analysis Batch Number: 705288End Date: 07/02/2020 02:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-705288/1		07/01/2020 15:18	1	F97859.D	Rtx-624 0.25 (mm)
STD7 460-705288/4 IC		07/01/2020 16:17	1	F97862.D	Rtx-624 0.25 (mm)
STD1 460-705288/5 IC		07/01/2020 16:41	1	F97863.D	Rtx-624 0.25 (mm)
STD5 460-705288/6 IC		07/01/2020 17:06	1	F97864.D	Rtx-624 0.25 (mm)
STD20 460-705288/7 ICIS		07/01/2020 17:31	1	F97865.D	Rtx-624 0.25 (mm)
STD50 460-705288/8 IC		07/01/2020 17:55	1	F97866.D	Rtx-624 0.25 (mm)
STD200 460-705288/9 IC		07/01/2020 18:20	1	F97867.D	Rtx-624 0.25 (mm)
STD500 460-705288/10 IC		07/01/2020 18:44	1	F97868.D	Rtx-624 0.25 (mm)
ICV 460-705288/16		07/01/2020 21:11	1		Rtx-624 0.25 (mm)
ZZZZZ		07/01/2020 21:35	1		Rtx-624 0.25 (mm)
ZZZZZ		07/01/2020 21:59	1		Rtx-624 0.25 (mm)
ZZZZZ		07/01/2020 23:12	1		Rtx-624 0.25 (mm)
ZZZZZ		07/01/2020 23:36	1		Rtx-624 0.25 (mm)
ZZZZZ		07/02/2020 00:00	1		Rtx-624 0.25 (mm)
ZZZZZ		07/02/2020 02:27	1		Rtx-624 0.25 (mm)
ZZZZZ		07/02/2020 02:51	1		Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 07/07/2020 19:17Analysis Batch Number: 706558 End Date: 07/08/2020 06:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706558/1		07/07/2020 19:17	1	F98168.D	Rtx-624 0.25 (mm)
CCVIS 460-706558/4		07/07/2020 20:29	1	F98171.D	Rtx-624 0.25 (mm)
LCS 460-706558/5		07/07/2020 20:54	1	F98172.D	Rtx-624 0.25 (mm)
LCSD 460-706558/6		07/07/2020 21:18	1	F98173.D	Rtx-624 0.25 (mm)
MB 460-706558/9		07/07/2020 22:32	1	F98176.D	Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 22:56	1		Rtx-624 0.25 (mm)
ZZZZZ		07/07/2020 23:21	1		Rtx-624 0.25 (mm)
460-212426-1 RA		07/08/2020 00:10	1	F98180.D	Rtx-624 0.25 (mm)
460-212426-3 RA		07/08/2020 00:34	1	F98181.D	Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 00:58	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 01:23	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 02:37	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 03:01	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 03:26	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 05:51	1		Rtx-624 0.25 (mm)
ZZZZZ		07/08/2020 06:16	50		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Batch Number: 706284 Batch Start Date: 07/06/20 18:32 Batch Analyst: Yallabandi, Gopichand XBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00024	8260ISNEW 00129	8260MIX1COMB 00120	8260SURR250 00209
BFB 460-706284/1		8260C		5 mL	5 mL				
CCVIS 460-706284/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-706284/4		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-706284/6		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-706284/10		8260C		5 mL	5 mL		1 uL		1 uL
460-212426-B-1	MW-2A	8260C	T	5 mL	5 mL		1 uL		1 uL
460-212426-C-2	MW-7A	8260C	T	5 mL	5 mL		1 uL		1 uL
460-212426-A-3	Dup	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00108	BFB 00026	GASES Li 00375			
BFB 460-706284/1		8260C			1 uL				
CCVIS 460-706284/3		8260C		4 uL		20 uL			
LCS 460-706284/4		8260C		4 uL		20 uL			
LCSD 460-706284/6		8260C		4 uL		20 uL			
MB 460-706284/10		8260C							
460-212426-B-1	MW-2A	8260C	T						
460-212426-C-2	MW-7A	8260C	T						
460-212426-A-3	Dup	8260C	T						

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.

8260C

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Batch Number: 706392 Batch Start Date: 07/07/20 07:46 Batch Analyst: Moroney, Christopher JBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00024	8260ISNEW 00129	8260MIX1COMB 00120	8260SURR250 00209
BFB 460-706392/1		8260C		5 mL	5 mL				
CCVIS 460-706392/3		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-706392/4		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-706392/5		8260C		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-706392/9		8260C		5 mL	5 mL		1 uL		1 uL
460-212426-B-4	TB	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00108	BFB 00026	GASES Li 00375			
BFB 460-706392/1		8260C			1 uL				
CCVIS 460-706392/3		8260C		4 uL		20 uL			
LCS 460-706392/4		8260C		4 uL		20 uL			
LCSD 460-706392/5		8260C		4 uL		20 uL			
MB 460-706392/9		8260C							
460-212426-B-4	TB	8260C	T						

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: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Batch Number: 706558 Batch Start Date: 07/07/20 19:17 Batch Analyst: Yallabandi, Gopichand XBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00024	8260MIX1COMB 00120	ACROLEIN W 00108	BFB 00026
BFB 460-706558/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-706558/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-706558/5		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCSD 460-706558/6		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-706558/9		8260C		5 mL	5 mL				
460-212426-C-1	MW-2A	8260C	T	5 mL	5 mL				
460-212426-C-3	Dup	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00376	VOA6IS/SURR 00036				
BFB 460-706558/1		8260C							
CCVIS 460-706558/4		8260C		20 uL	5 uL				
LCS 460-706558/5		8260C		20 uL	5 uL				
LCSD 460-706558/6		8260C		20 uL	5 uL				
MB 460-706558/9		8260C			5 uL				
460-212426-C-1	MW-2A	8260C	T		5 uL				
460-212426-C-3	Dup	8260C	T		5 uL				

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.

8260C

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8270D

Semivolatile Organic Compounds
(GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 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 #	TPHL #
MW-2A	460-212426-1	43	28	82	84	97	105
MW-7A	460-212426-2	53	35	100	103	120	111
Dup	460-212426-3	43	28	90	92	101	110
	MB 460-705856/1-A	52	36	95	96	118	126
	LCS 460-705856/2-A	53	36	94	100	119	122
	LCSD 460-705856/3-A	55	36	102	108	128	131

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol	18-72
PHL = Phenol-d5	10-50
NBZ = Nitrobenzene-d5	46-137
FBP = 2-Fluorobiphenyl	42-127
TBP = 2,4,6-Tribromophenol	36-159
TPHL = Terphenyl-d14	39-150

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: M133909.D

Lab ID: LCS 460-705856/2-A

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2,4,5-Tetrachlorobenzene	80.0	72.9	91	48-109	
2,2'-oxybis[1-chloropropane]	80.0	56.2	70	38-124	
2,3,4,6-Tetrachlorophenol	80.0	77.9	97	64-123	
2,4,5-Trichlorophenol	80.0	76.2	95	64-110	
2,4,6-Trichlorophenol	80.0	80.3	100	64-115	
2,4-Dichlorophenol	80.0	69.3	87	65-107	
2,4-Dimethylphenol	80.0	64.0	80	59-101	
2,4-Dinitrophenol	160	166	104	36-150	
2,4-Dinitrotoluene	80.0	79.4	99	63-122	
2,6-Dinitrotoluene	80.0	79.2	99	71-118	
2-Chloronaphthalene	80.0	72.0	90	57-102	
2-Chlorophenol	80.0	62.9	79	57-93	
2-Methylnaphthalene	80.0	66.8	83	57-103	
2-Methylphenol	80.0	51.6	65	45-86	
2-Nitroaniline	80.0	56.4	71	54-123	
2-Nitrophenol	80.0	73.1	91	60-126	
3,3'-Dichlorobenzidine	80.0	88.4	110	59-125	
3-Nitroaniline	80.0	68.0	85	57-110	
4,6-Dinitro-2-methylphenol	160	165	103	69-149	
4-Bromophenyl phenyl ether	80.0	82.8	103	65-115	
4-Chloro-3-methylphenol	80.0	63.9	80	60-107	
4-Chloroaniline	80.0	62.7	78	43-105	
4-Chlorophenyl phenyl ether	80.0	74.8	93	60-113	
4-Methylphenol	80.0	46.5	58	37-86	
4-Nitroaniline	80.0	69.5	87	52-122	
4-Nitrophenol	160	58.9	37	17-61	
Acenaphthene	80.0	69.7	87	54-108	
Acenaphthylene	80.0	73.4	92	64-102	
Acetophenone	80.0	64.5	81	65-109	
Anthracene	80.0	76.9	96	69-110	
Atrazine	40.0	64.7	162	10-150	*
Benzaldehyde	40.0	51.8	130	47-134	
Benzo[a]anthracene	80.0	78.3	98	71-114	
Benzo[a]pyrene	80.0	82.8	104	67-106	
Benzo[b]fluoranthene	80.0	83.2	104	65-113	
Benzo[g,h,i]perylene	80.0	75.3	94	48-145	
Benzo[k]fluoranthene	80.0	83.6	105	66-116	
Bis(2-chloroethoxy)methane	80.0	67.4	84	64-114	
Bis(2-chloroethyl)ether	80.0	67.2	84	57-112	
Bis(2-ethylhexyl) phthalate	80.0	73.6	92	60-135	
Butyl benzyl phthalate	80.0	74.5	93	63-126	
Caprolactam	40.0	13.5	34	10-60	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: M133909.D
 Lab ID: LCS 460-705856/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Carbazole	80.0	75.3	94	68-113	
Chrysene	80.0	76.8	96	74-122	
Dibenz (a,h) anthracene	80.0	76.7	96	57-144	
Dibenzofuran	80.0	72.1	90	65-104	
Diethyl phthalate	80.0	72.8	91	65-105	
Dimethyl phthalate	80.0	74.5	93	68-105	
Di-n-butyl phthalate	80.0	74.3	93	66-113	
Di-n-octyl phthalate	80.0	73.0	91	40-133	
Diphenyl	80.0	70.5	88	59-102	
Fluoranthene	80.0	79.8	100	66-116	
Fluorene	80.0	72.9	91	64-108	
Hexachlorobenzene	80.0	81.9	102	59-129	
Hexachlorobutadiene	80.0	67.1	84	33-98	
Hexachlorocyclopentadiene	80.0	59.7	75	14-97	
Hexachloroethane	80.0	59.4	74	27-94	
Indeno[1,2,3-cd]pyrene	80.0	80.3	100	55-139	
Isophorone	80.0	69.0	86	64-113	
Naphthalene	80.0	67.3	84	56-99	
Nitrobenzene	80.0	67.9	85	67-109	
N-Nitrosodi-n-propylamine	80.0	63.1	79	60-111	
N-Nitrosodiphenylamine	80.0	77.0	96	67-110	
Pentachlorophenol	160	170	106	57-135	
Phenanthrene	80.0	75.6	94	69-108	
Phenol	80.0	25.6	32	20-53	
Pyrene	80.0	75.5	94	66-121	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: M133910.D

Lab ID: LCSD 460-705856/3-A

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,2,4,5-Tetrachlorobenzene	80.0	78.4	98	7	30	48-109	
2,2'-oxybis[1-chloropropane]	80.0	58.7	73	4	30	38-124	
2,3,4,6-Tetrachlorophenol	80.0	81.4	102	4	30	64-123	
2,4,5-Trichlorophenol	80.0	79.0	99	4	30	64-110	
2,4,6-Trichlorophenol	80.0	83.5	104	4	30	64-115	
2,4-Dichlorophenol	80.0	74.1	93	7	30	65-107	
2,4-Dimethylphenol	80.0	68.0	85	6	30	59-101	
2,4-Dinitrophenol	160	177	111	6	30	36-150	
2,4-Dinitrotoluene	80.0	83.2	104	5	30	63-122	
2,6-Dinitrotoluene	80.0	84.3	105	6	30	71-118	
2-Chloronaphthalene	80.0	76.0	95	5	30	57-102	
2-Chlorophenol	80.0	65.5	82	4	30	57-93	
2-Methylnaphthalene	80.0	72.1	90	8	30	57-103	
2-Methylphenol	80.0	54.3	68	5	30	45-86	
2-Nitroaniline	80.0	59.3	74	5	30	54-123	
2-Nitrophenol	80.0	79.1	99	8	30	60-126	
3,3'-Dichlorobenzidine	80.0	92.2	115	4	30	59-125	
3-Nitroaniline	80.0	71.3	89	5	30	57-110	
4,6-Dinitro-2-methylphenol	160	176	110	7	30	69-149	
4-Bromophenyl phenyl ether	80.0	88.4	111	7	30	65-115	
4-Chloro-3-methylphenol	80.0	67.4	84	5	30	60-107	
4-Chloroaniline	80.0	68.1	85	8	30	43-105	
4-Chlorophenyl phenyl ether	80.0	79.2	99	6	30	60-113	
4-Methylphenol	80.0	48.7	61	5	30	37-86	
4-Nitroaniline	80.0	73.3	92	5	30	52-122	
4-Nitrophenol	160	58.7	37	0	30	17-61	
Acenaphthene	80.0	73.9	92	6	30	54-108	
Acenaphthylene	80.0	77.2	96	5	30	64-102	
Acetophenone	80.0	68.1	85	5	30	65-109	
Anthracene	80.0	81.1	101	5	30	69-110	
Atrazine	40.0	97.9	245	41	30	10-150	* *1
Benzaldehyde	40.0	82.5	206	46	30	47-134	* *1
Benzo[a]anthracene	80.0	83.5	104	6	30	71-114	
Benzo[a]pyrene	80.0	88.1	110	6	30	67-106	*
Benzo[b]fluoranthene	80.0	89.0	111	7	30	65-113	
Benzo[g,h,i]perylene	80.0	81.3	102	8	30	48-145	
Benzo[k]fluoranthene	80.0	89.0	111	6	30	66-116	
Bis(2-chloroethoxy)methane	80.0	70.5	88	5	30	64-114	
Bis(2-chloroethyl)ether	80.0	71.7	90	6	30	57-112	
Bis(2-ethylhexyl) phthalate	80.0	78.9	99	7	30	60-135	
Butyl benzyl phthalate	80.0	80.0	100	7	30	63-126	
Caprolactam	40.0	21.6	54	46	30	10-60	*1

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-212426-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: M133910.D

Lab ID: LCSD 460-705856/3-A

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Carbazole	80.0	78.5	98	4	30	68-113	
Chrysene	80.0	82.3	103	7	30	74-122	
Dibenz (a,h) anthracene	80.0	86.4	108	12	30	57-144	
Dibenzofuran	80.0	76.4	96	6	30	65-104	
Diethyl phthalate	80.0	76.0	95	4	30	65-105	
Dimethyl phthalate	80.0	76.6	96	3	30	68-105	
Di-n-butyl phthalate	80.0	79.0	99	6	30	66-113	
Di-n-octyl phthalate	80.0	78.0	98	7	30	40-133	
Diphenyl	80.0	74.7	93	6	30	59-102	
Fluoranthene	80.0	84.9	106	6	30	66-116	
Fluorene	80.0	76.1	95	4	30	64-108	
Hexachlorobenzene	80.0	86.9	109	6	30	59-129	
Hexachlorobutadiene	80.0	72.7	91	8	30	33-98	
Hexachlorocyclopentadiene	80.0	65.2	82	9	30	14-97	
Hexachloroethane	80.0	64.1	80	8	30	27-94	
Indeno[1,2,3-cd]pyrene	80.0	86.7	108	8	30	55-139	
Isophorone	80.0	73.4	92	6	30	64-113	
Naphthalene	80.0	71.8	90	7	30	56-99	
Nitrobenzene	80.0	72.8	91	7	30	67-109	
N-Nitrosodi-n-propylamine	80.0	67.2	84	6	30	60-111	
N-Nitrosodiphenylamine	80.0	81.6	102	6	30	67-110	
Pentachlorophenol	160	178	111	4	30	57-135	
Phenanthrene	80.0	80.0	100	6	30	69-108	
Phenol	80.0	25.4	32	1	30	20-53	
Pyrene	80.0	80.8	101	7	30	66-121	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: M133908.D Lab Sample ID: MB 460-705856/1-A
Matrix: Water Date Extracted: 07/04/2020 07:59
Instrument ID: CBNAMS17 Date Analyzed: 07/04/2020 20:58
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-705856/2-A	M133909.D	07/04/2020 21:19
	LCSD 460-705856/3-A	M133910.D	07/04/2020 21:40
MW-2A	460-212426-1	M133913.D	07/04/2020 22:42
MW-7A	460-212426-2	M133914.D	07/04/2020 23:03
Dup	460-212426-3	M133915.D	07/04/2020 23:24

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: M132027.D DFTPP Injection Date: 04/20/2020
Instrument ID: CBNAMS17 DFTPP Injection Time: 10:56
Analysis Batch No.: 688773

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10-80% of Base Peak	57.7
68	Less than 2% of mass 69	0.9 (1.8) 1
69	Mass 69 Relative abundance	50.6
70	Less than 2% of mass 69	0.4 (0.7) 1
127	10-80% of Base Peak	48.2
197	Less than 2% of mass 198	0.0
198	Base peak	100.0
199	5-9% of mass 198	6.9
275	10-60% of Base Peak	23.4
365	Greater than 1% of mass 198	3.2
441	present but less than 24% of mass 442	15.3 (17.3) 2
442	Greater than 50% of mass 198	88.7
443	15-24% of mass 442	18.2 (20.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-688773/2	M132028.D	04/20/2020	11:12
	STD24 460-688773/3	M132029.D	04/20/2020	11:33
	STD16 460-688773/4	M132030.D	04/20/2020	11:54
	STD4 460-688773/5	M132031.D	04/20/2020	12:16
	STD2 460-688773/6	M132032.D	04/20/2020	12:37
	STD1 460-688773/7	M132033.D	04/20/2020	12:58
	STD02 460-688773/8	M132034.D	04/20/2020	13:19
	STD01 460-688773/9	M132035.D	04/20/2020	13:39

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Lab File ID: M133905.D DFTPP Injection Date: 07/04/2020
Instrument ID: CBNAMS17 DFTPP Injection Time: 19:52
Analysis Batch No.: 705963

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10-80% of Base Peak	40.1
68	Less than 2% of mass 69	0.0 (0.0) 1
69	Mass 69 Relative abundance	39.5
70	Less than 2% of mass 69	0.0 (0.0) 1
127	10-80% of Base Peak	42.6
197	Less than 2% of mass 198	0.0
198	Base peak	100.0
199	5-9% of mass 198	6.7
275	10-60% of Base Peak	26.9
365	Greater than 1% of mass 198	3.7
441	present but less than 24% of mass 442	20.1 (16.1) 2
442	Greater than 50% of mass 198	124.6
443	15-24% of mass 442	24.8 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-705963/2	M133906.D	07/04/2020	20:14
	MB 460-705856/1-A	M133908.D	07/04/2020	20:58
	LCS 460-705856/2-A	M133909.D	07/04/2020	21:19
	LCSD 460-705856/3-A	M133910.D	07/04/2020	21:40
MW-2A	460-212426-1	M133913.D	07/04/2020	22:42
MW-7A	460-212426-2	M133914.D	07/04/2020	23:03
Dup	460-212426-3	M133915.D	07/04/2020	23:24

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-705963/2 Date Analyzed: 07/04/2020 20:14
 Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): M133906.D Heated Purge: (Y/N) N
 Calibration ID: 79419

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		66217	3.62	247696	4.92	136130	6.69
UPPER LIMIT		132434	4.12	495392	5.42	272260	7.19
LOWER LIMIT		33109	3.12	123848	4.42	68065	6.19
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-705856/1-A		78994	3.62	293437	4.92	163819	6.68
LCS 460-705856/2-A		82866	3.62	305686	4.92	162192	6.68
LCSD 460-705856/3-A		88853	3.62	327655	4.92	176555	6.68
460-212426-1	MW-2A	87849	3.62	336333	4.92	186550	6.68
460-212426-2	MW-7A	85901	3.62	317617	4.92	174329	6.68
460-212426-3	Dup	82973	3.62	309810	4.92	171922	6.68

DCBd4 = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Sample No.: CCVIS 460-705963/2 Date Analyzed: 07/04/2020 20:14
 Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): M133906.D Heated Purge: (Y/N) N
 Calibration ID: 79419

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		231227	8.14	175678	10.78	180205	12.51
UPPER LIMIT		462454	8.64	351356	11.28	360410	13.01
LOWER LIMIT		115614	7.64	87839	10.28	90103	12.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-705856/1-A		300549	8.14	204272	10.77	196664	12.51
LCS 460-705856/2-A		270198	8.14	205896	10.77	217152	12.51
LCSD 460-705856/3-A		292776	8.14	223910	10.78	236327	12.51
460-212426-1	MW-2A	326937	8.14	228583	10.77	226752	12.51
460-212426-2	MW-7A	297989	8.14	208857	10.77	214091	12.51
460-212426-3	Dup	307075	8.14	214314	10.77	212640	12.51

PHN = Phenanthrene-d10
 CRY = Chrysene-d12
 PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-2A</u>	Lab Sample ID: <u>460-212426-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133913.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 10:10</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 22:42</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	0.88	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	0.86	U	10	0.86
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
105-67-9	2,4-Dimethylphenol	0.62	U	10	0.62
51-28-5	2,4-Dinitrophenol	14	U	20	14
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
95-57-8	2-Chlorophenol	0.38	U	10	0.38
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
95-48-7	2-Methylphenol	0.67	U	10	0.67
88-74-4	2-Nitroaniline	0.47	U	10	0.47
88-75-5	2-Nitrophenol	0.75	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	13	U	20	13
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	0.58	U	10	0.58
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.65	U	10	0.65
100-01-6	4-Nitroaniline	1.2	U	10	1.2
100-02-7	4-Nitrophenol	4.0	U	20	4.0
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
98-86-2	Acetophenone	2.3	U	10	2.3
120-12-7	Anthracene	0.63	U	10	0.63
1912-24-9	Atrazine	1.3	U *	2.0	1.3
			*1		
100-52-7	Benzaldehyde	2.1	U *	10	2.1
			*1		
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-2A</u>	Lab Sample ID: <u>460-212426-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133913.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 10:10</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 22:42</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	0.41	U *	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
105-60-2	Caprolactam	0.68	U *1	10	0.68
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
92-52-4	Diphenyl	1.2	U	10	1.2
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
87-86-5	Pentachlorophenol	1.4	U	20	1.4
85-01-8	Phenanthrene	0.58	U	10	0.58
108-95-2	Phenol	0.29	U	10	0.29
129-00-0	Pyrene	1.6	U	10	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-2A Lab Sample ID: 460-212426-1
 Matrix: Water Lab File ID: M133913.D
 Analysis Method: 8270D Date Collected: 06/30/2020 10:10
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 22:42
 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.: 705963 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1746-01-6	2,3,7,8-TCDD	1.0	U	1.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	97		36-159
321-60-8	2-Fluorobiphenyl	84		42-127
367-12-4	2-Fluorophenol	43		18-72
4165-60-0	Nitrobenzene-d5	82		46-137
4165-62-2	Phenol-d5	28		10-50
1718-51-0	Terphenyl-d14	105		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: MW-2A Lab Sample ID: 460-212426-1
Matrix: Water Lab File ID: M133913.D
Analysis Method: 8270D Date Collected: 06/30/2020 10:10
Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 22:42
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.: 705963 Units: ug/L
Number TICs Found: 1 TIC Result Total: 7.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	3.80	7.5	J N	94%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133913.D
 Lims ID: 460-212426-D-1-A
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 04-Jul-2020 22:42:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-009
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 09:53:53 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: hamziy

Date: 04-Jul-2020 23:44:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.414	2.418	-0.004	95	61739	4.28	
\$ 6 Phenol-d5	99	3.304	3.311	-0.007	97	52034	2.82	
* 14 1,4-Dichlorobenzene-d4	152	3.617	3.624	-0.007	96	87849	8.00	
\$ 27 Nitrobenzene-d5	82	4.188	4.195	-0.007	91	143031	8.20	
* 38 Naphthalene-d8	136	4.915	4.920	-0.005	100	336333	8.00	
\$ 51 2-Fluorobiphenyl	172	6.025	6.031	-0.006	97	292877	8.45	
* 64 Acenaphthene-d10	164	6.679	6.686	-0.007	97	186550	8.00	
\$ 80 2,4,6-Tribromophenol	330	7.464	7.468	-0.004	92	57694	9.71	
* 87 Phenanthrene-d10	188	8.140	8.142	-0.002	99	326937	8.00	
\$ 96 Terphenyl-d14	244	9.719	9.722	-0.003	98	318254	10.5	
* 102 Chrysene-d12	240	10.772	10.778	-0.006	99	228583	8.00	
* 109 Perylene-d12	264	12.508	12.511	-0.003	98	226752	8.00	

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133913.D
 Lims ID: 460-212426-D-1-A
 Client ID: MW-2A
 Sample Type: Client
 Inject. Date: 04-Jul-2020 22:42:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-009
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 09:53:53 Calib Date: 20-Apr-2020 13:39:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 80
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034
 First Level Reviewer: hamziy Date: 04-Jul-2020 23:44:27

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7	Indane							
3.799	61977	0.9335	14	94	8676	C9H10	118	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	3.617	531126	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\WM133913.D

Injection Date: 04-Jul-2020 22:42:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: 460-212426-D-1-A

Lab Sample ID: 460-212426-1

Worklist Smp#: 9

Client ID: MW-2A

Injection Vol: 5.0 ul

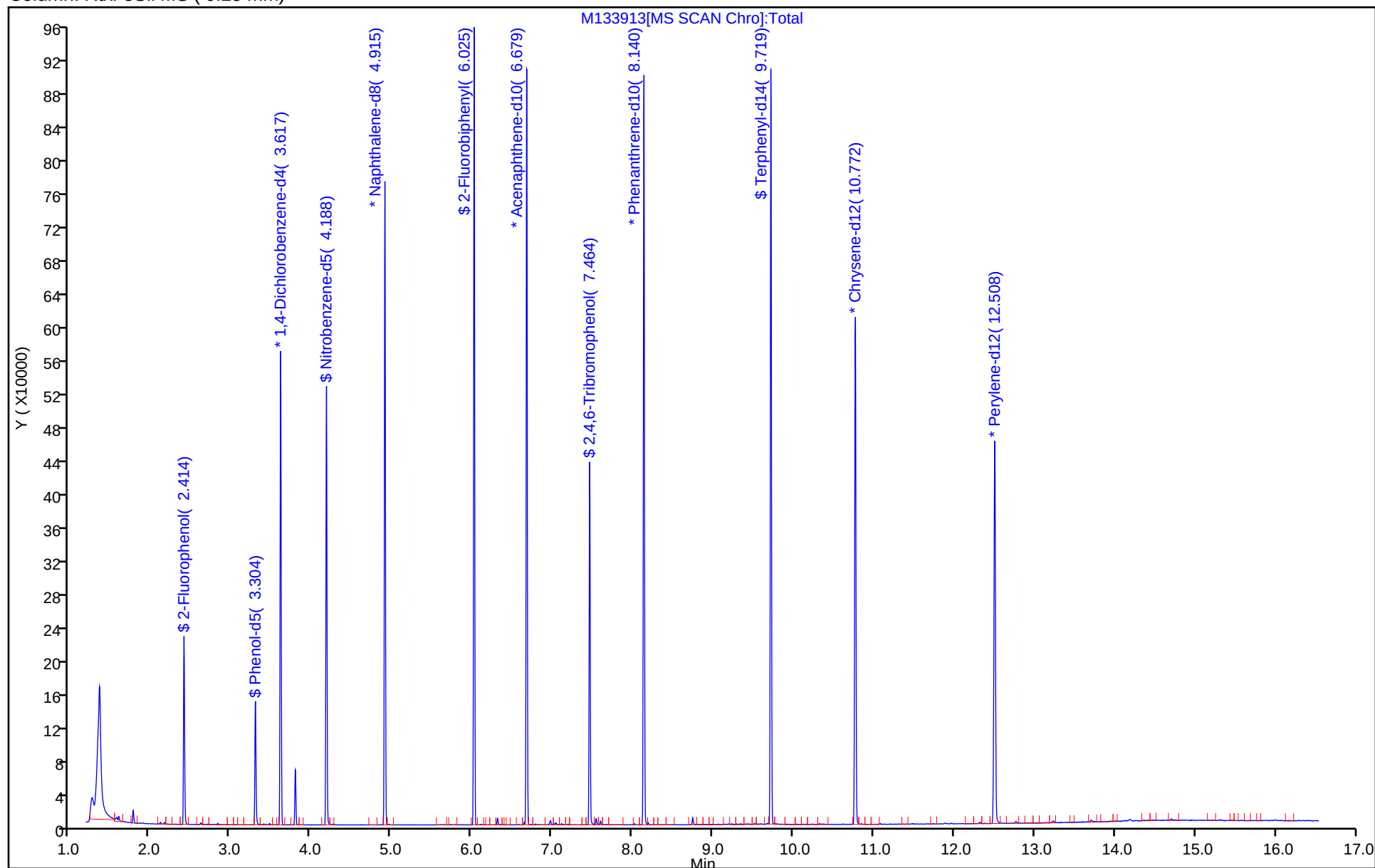
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133913.D

Injection Date: 04-Jul-2020 22:42:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-1-A

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_17

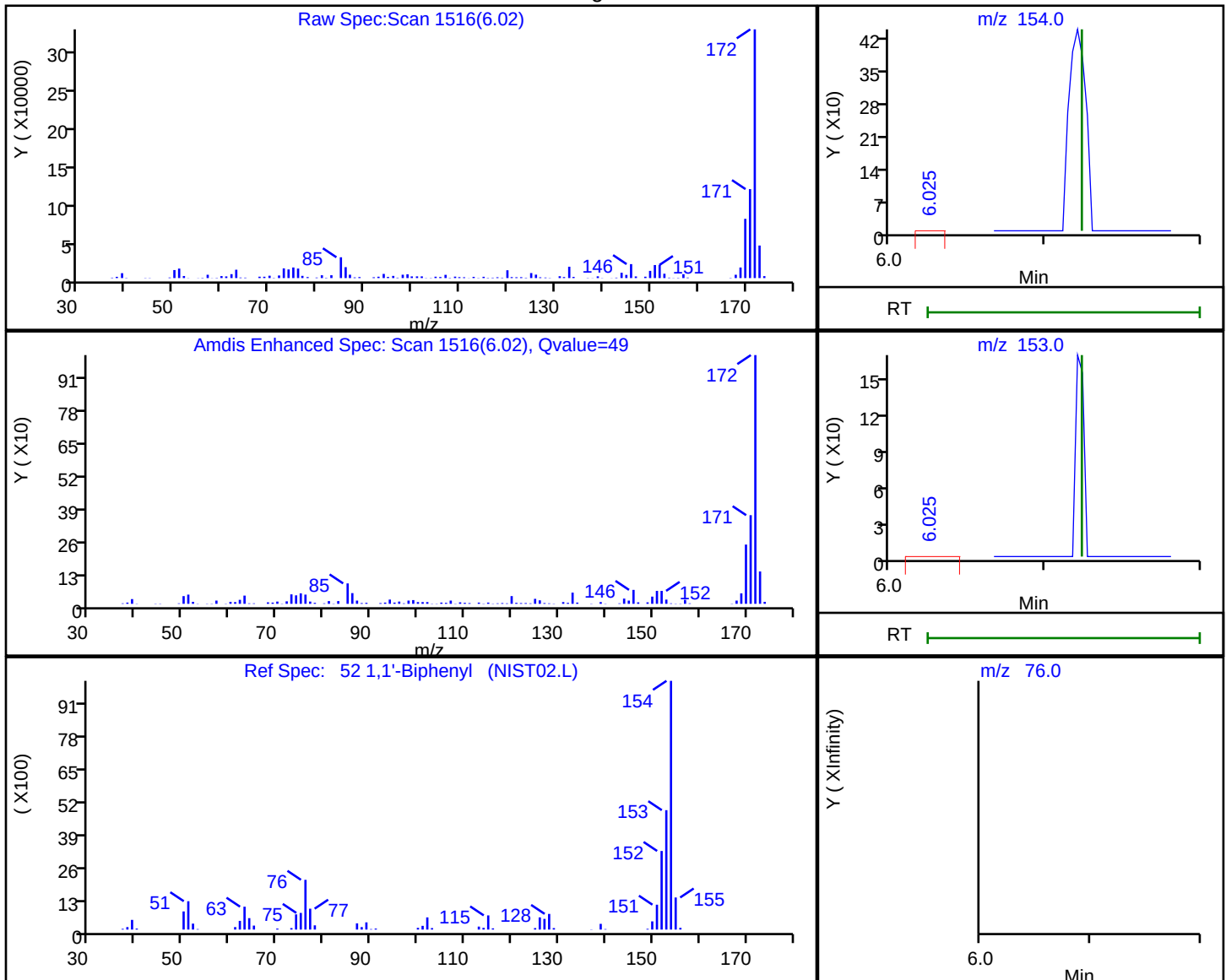
Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.02	154.00	420	0.011250
6.02	153.00	4989	
6.02	76.00	11026	

Reviewer: hamziy, 04-Jul-2020 23:44:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133913.D

Injection Date: 04-Jul-2020 22:42:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-1-A

Lab Sample ID: 460-212426-1

Client ID: MW-2A

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

9

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_17

Limit Group:

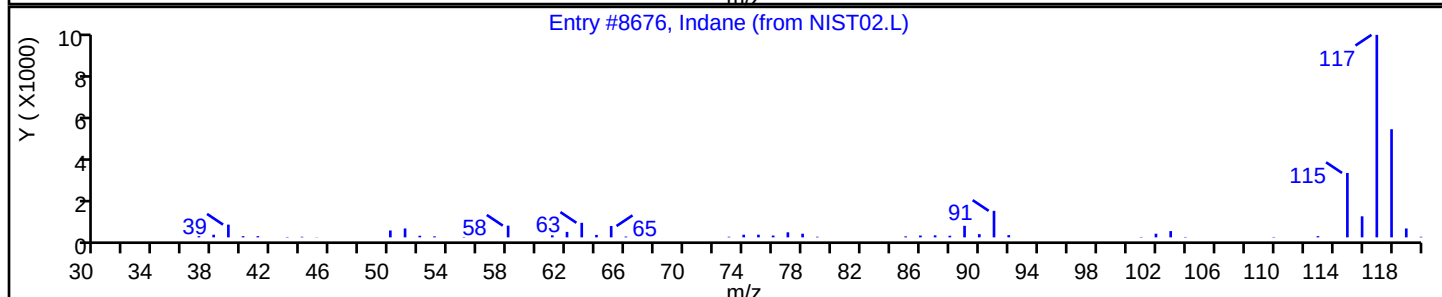
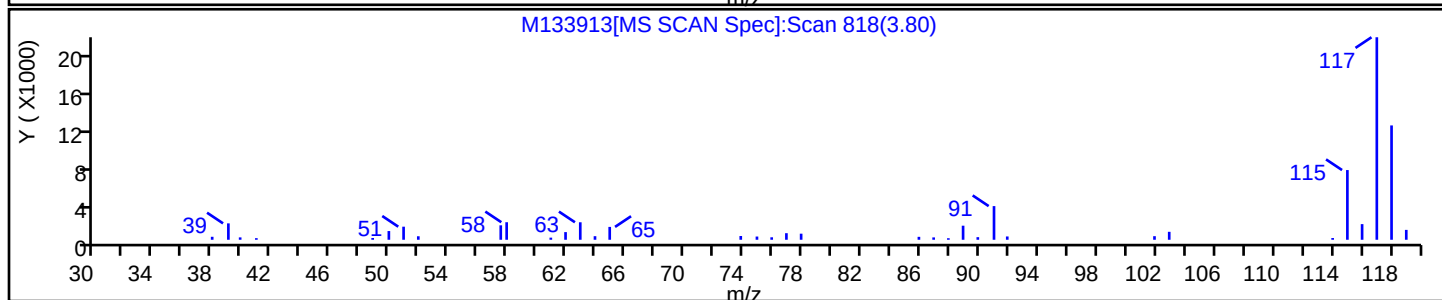
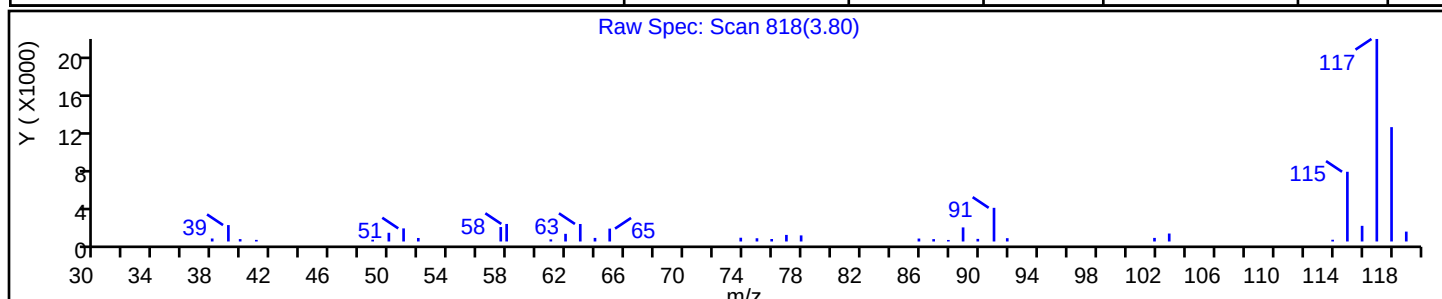
SV 8270D ICAL

Column:

Detector

MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8676	C9H10	118	94



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-7A</u>	Lab Sample ID: <u>460-212426-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133914.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 11:35</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 23:03</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	0.88	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	0.86	U	10	0.86
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
105-67-9	2,4-Dimethylphenol	0.62	U	10	0.62
51-28-5	2,4-Dinitrophenol	14	U	20	14
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
95-57-8	2-Chlorophenol	0.38	U	10	0.38
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
95-48-7	2-Methylphenol	0.67	U	10	0.67
88-74-4	2-Nitroaniline	0.47	U	10	0.47
88-75-5	2-Nitrophenol	0.75	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	13	U	20	13
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	0.58	U	10	0.58
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.65	U	10	0.65
100-01-6	4-Nitroaniline	1.2	U	10	1.2
100-02-7	4-Nitrophenol	4.0	U	20	4.0
83-32-9	Acenaphthene	38		10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
98-86-2	Acetophenone	2.3	U	10	2.3
120-12-7	Anthracene	4.6	J	10	0.63
1912-24-9	Atrazine	1.3	U *	2.0	1.3
			*1		
100-52-7	Benzaldehyde	2.1	U *	10	2.1
			*1		
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-7A</u>	Lab Sample ID: <u>460-212426-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133914.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 11:35</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 23:03</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	0.41	U *	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
105-60-2	Caprolactam	0.68	U *1	10	0.68
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	7.3	J	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
92-52-4	Diphenyl	1.2	U	10	1.2
206-44-0	Fluoranthene	5.0	J	10	0.84
86-73-7	Fluorene	15		10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
87-86-5	Pentachlorophenol	1.4	U	20	1.4
85-01-8	Phenanthrene	20		10	0.58
108-95-2	Phenol	0.29	U	10	0.29
129-00-0	Pyrene	4.0	J	10	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: MW-7A Lab Sample ID: 460-212426-2
 Matrix: Water Lab File ID: M133914.D
 Analysis Method: 8270D Date Collected: 06/30/2020 11:35
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 23:03
 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.: 705963 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1746-01-6	2,3,7,8-TCDD	1.0	U	1.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	120		36-159
321-60-8	2-Fluorobiphenyl	103		42-127
367-12-4	2-Fluorophenol	53		18-72
4165-60-0	Nitrobenzene-d5	100		46-137
4165-62-2	Phenol-d5	35		10-50
1718-51-0	Terphenyl-d14	111		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-7A</u>	Lab Sample ID: <u>460-212426-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133914.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 11:35</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 23:03</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D
 Lims ID: 460-212426-D-2-A
 Client ID: MW-7A
 Sample Type: Client
 Inject. Date: 04-Jul-2020 23:03:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-010
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 10:00:45 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: hamziy

Date: 04-Jul-2020 23:44:59

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.414	2.418	-0.004	95	75408	5.35	
\$ 6 Phenol-d5	99	3.304	3.311	-0.007	97	62394	3.46	
* 14 1,4-Dichlorobenzene-d4	152	3.617	3.624	-0.007	97	85901	8.00	
\$ 27 Nitrobenzene-d5	82	4.188	4.195	-0.007	90	164763	10.0	
* 38 Naphthalene-d8	136	4.915	4.920	-0.005	100	317617	8.00	
\$ 51 2-Fluorobiphenyl	172	6.026	6.031	-0.005	97	332851	10.3	
* 64 Acenaphthene-d10	164	6.680	6.686	-0.006	96	174329	8.00	
66 Acenaphthene	154	6.712	6.717	-0.005	96	121181	4.72	
70 Dibenzofuran	168	6.885	6.890	-0.005	96	36300	0.9177	
75 Fluorene	166	7.223	7.225	-0.002	94	57543	1.93	
\$ 80 2,4,6-Tribromophenol	330	7.466	7.468	-0.002	93	66771	12.0	
* 87 Phenanthrene-d10	188	8.140	8.142	-0.002	99	297989	8.00	
88 Phenanthrene	178	8.162	8.168	-0.006	97	105575	2.48	
89 Anthracene	178	8.210	8.215	-0.005	98	24697	0.5719	
92 Fluoranthene	202	9.324	9.329	-0.005	97	25616	0.6259	
94 Pyrene	202	9.541	9.546	-0.005	96	20004	0.4947	
\$ 96 Terphenyl-d14	244	9.720	9.722	-0.002	98	305717	11.1	
* 102 Chrysene-d12	240	10.770	10.778	-0.008	99	208857	8.00	
* 109 Perylene-d12	264	12.506	12.511	-0.005	99	214091	8.00	

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Worklist Smp#: 10

Client ID: MW-7A

Injection Vol: 5.0 ul

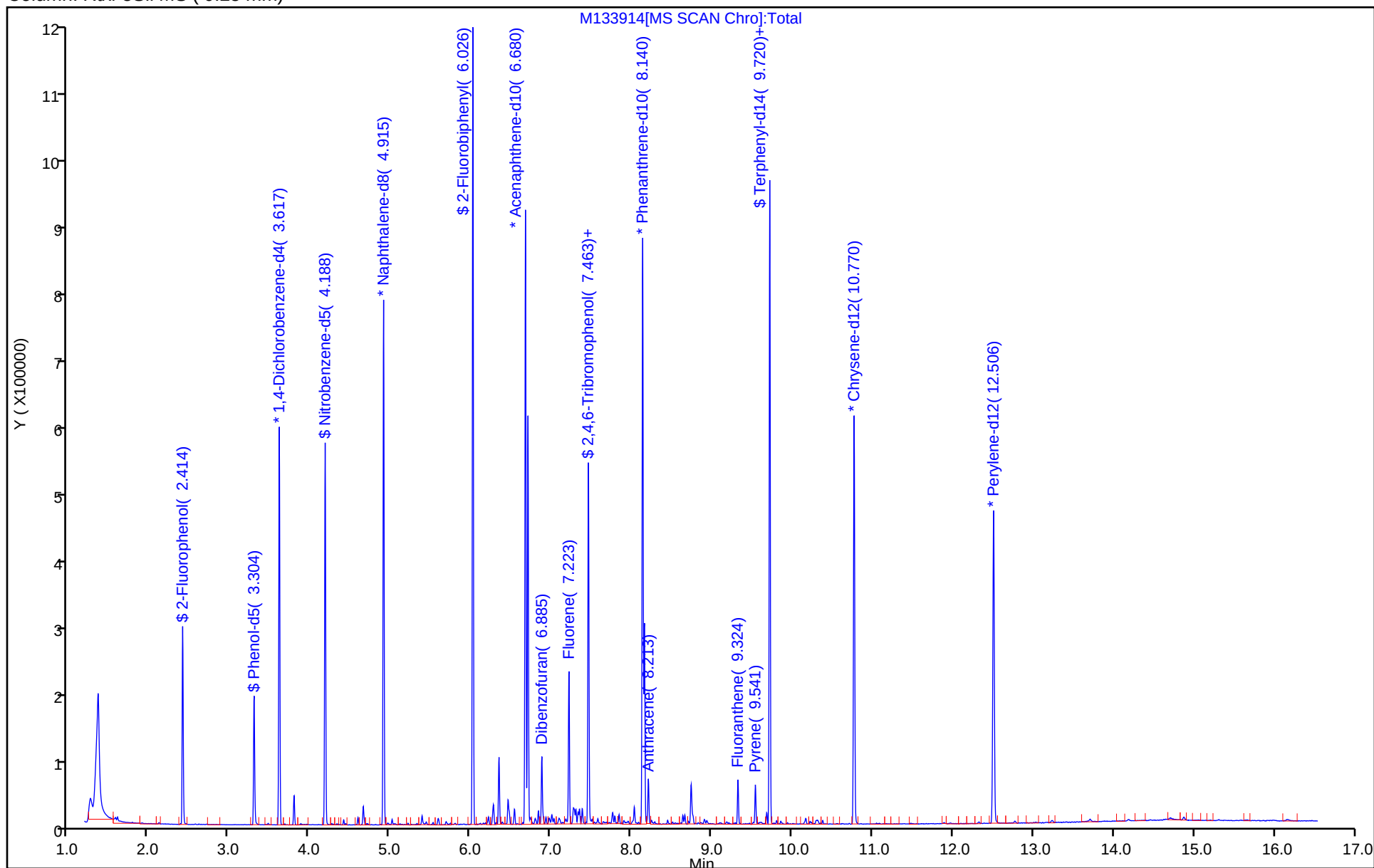
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul

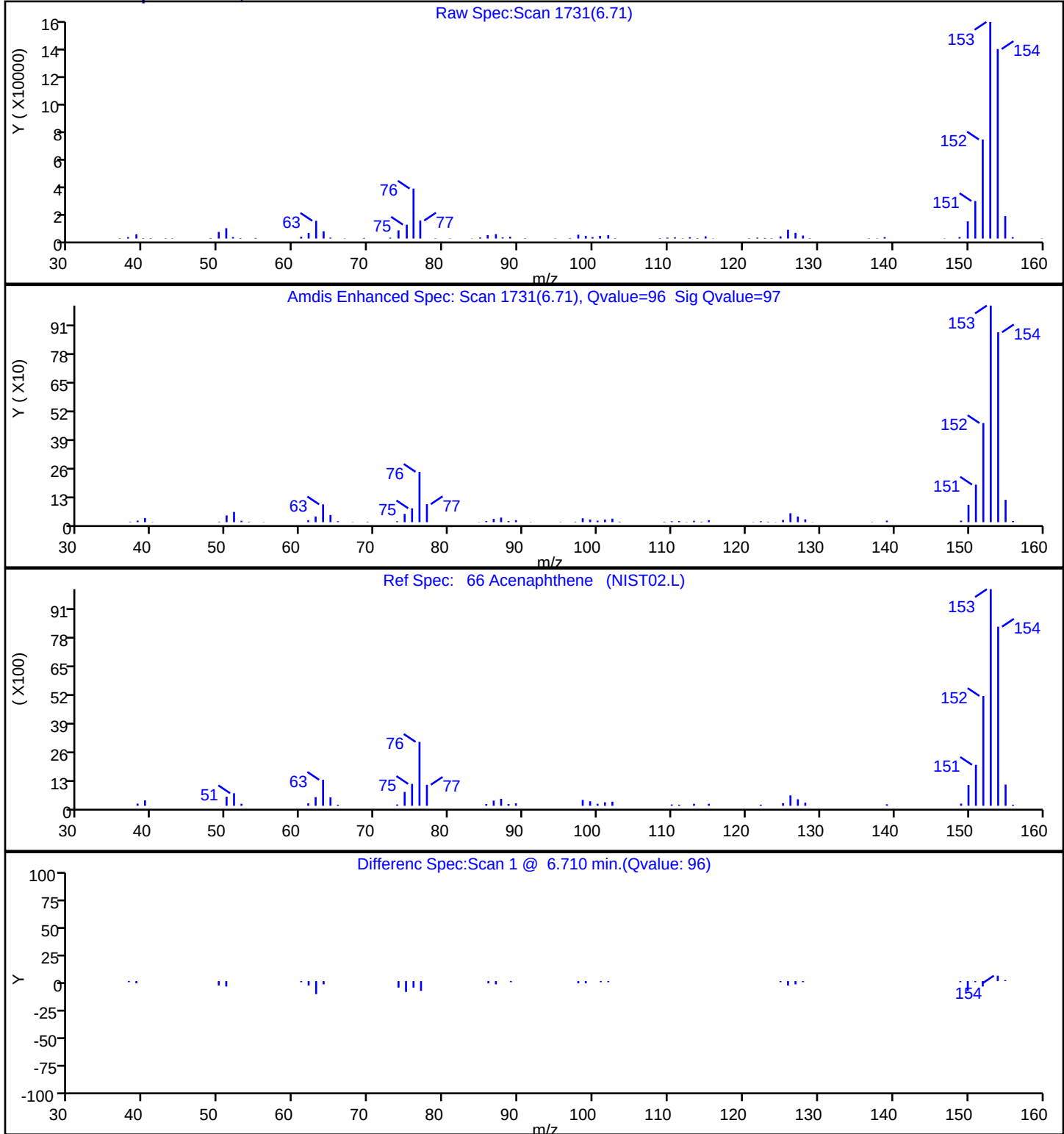
Dil. Factor: 1.0000

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

66 Acenaphthene, CAS: 83-32-9

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Injection Vol: 5.0 ul

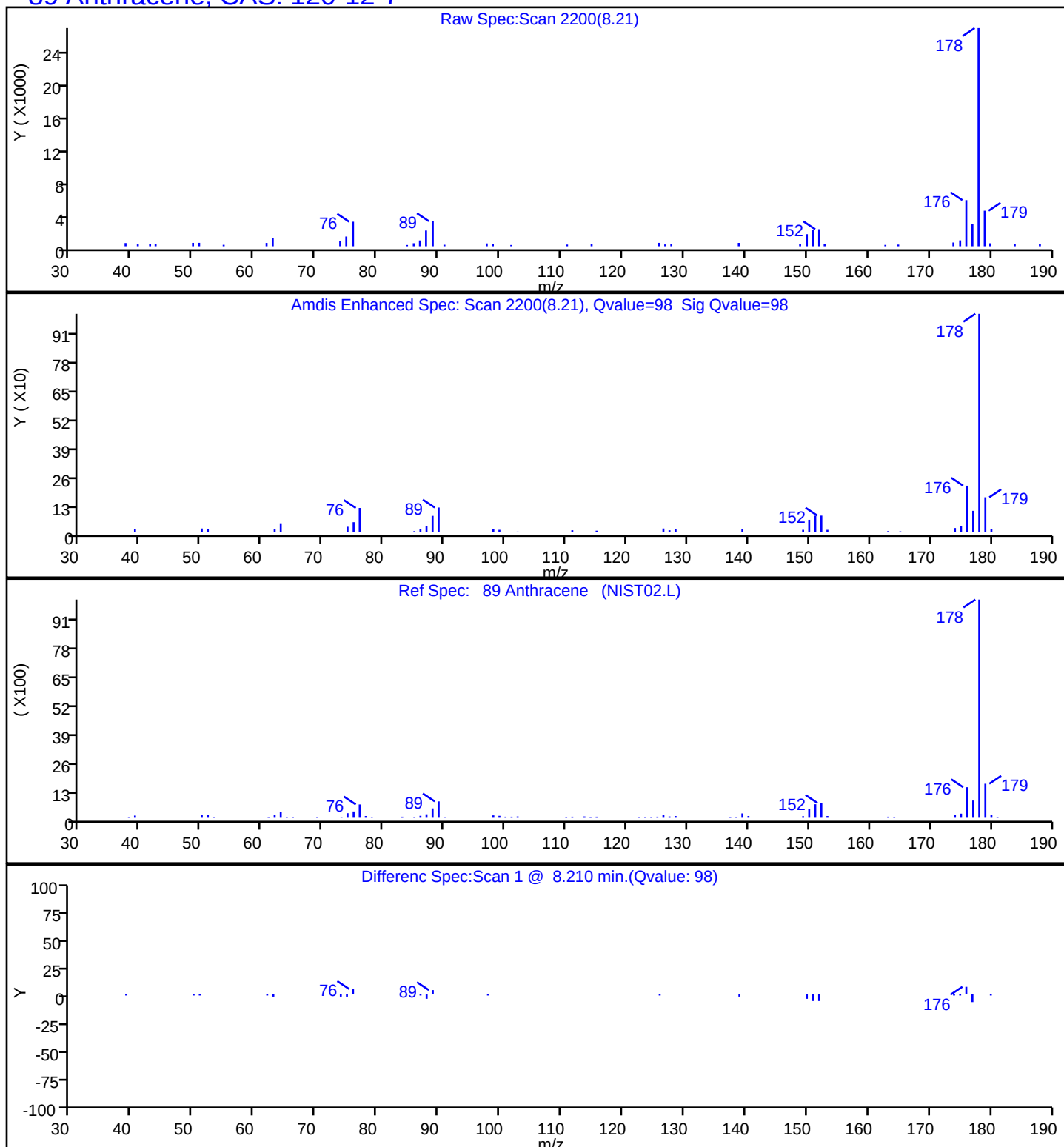
Dil. Factor: 1.0000

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

89 Anthracene, CAS: 120-12-7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul

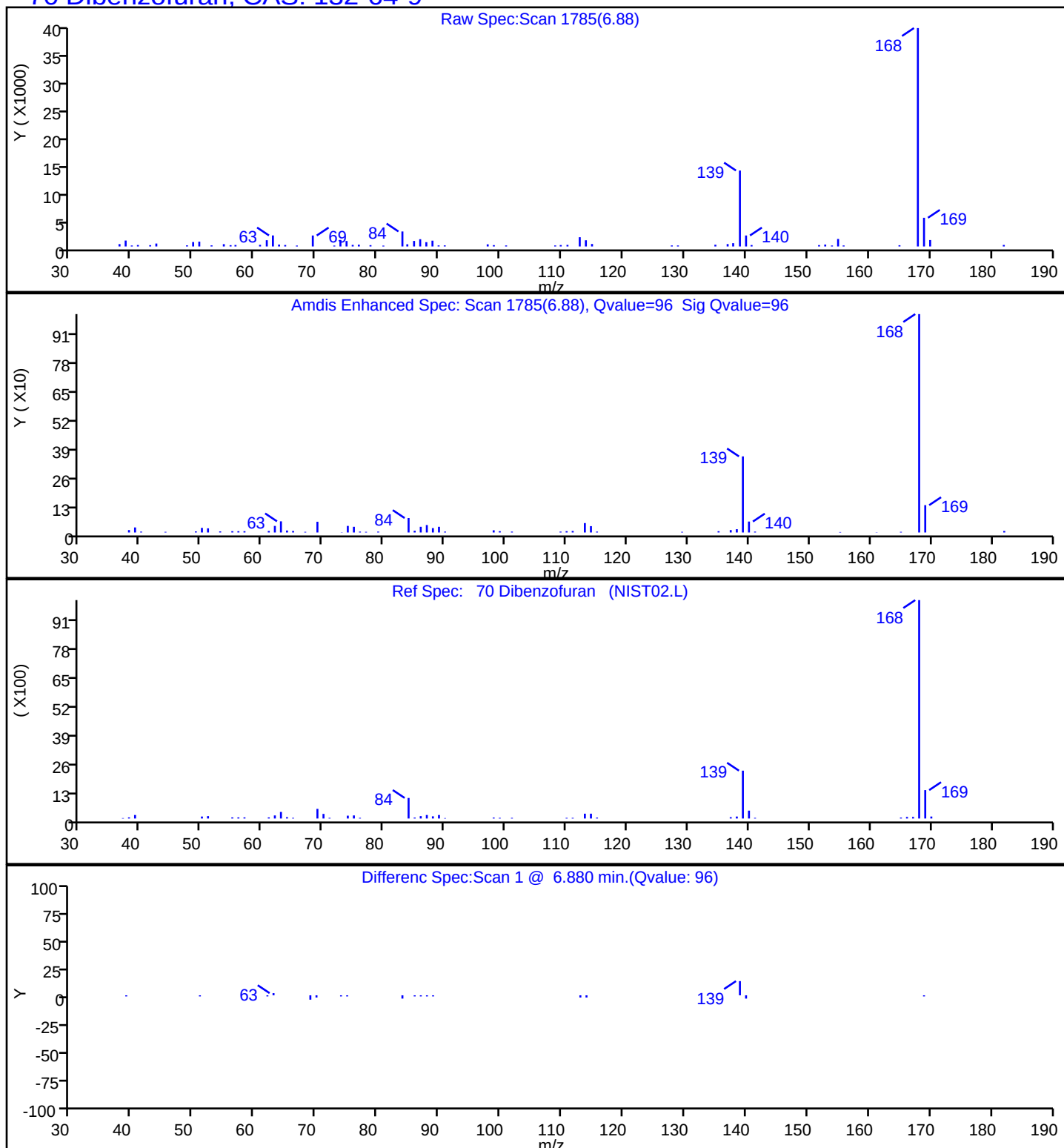
Dil. Factor: 1.0000

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

70 Dibenzofuran, CAS: 132-64-9

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

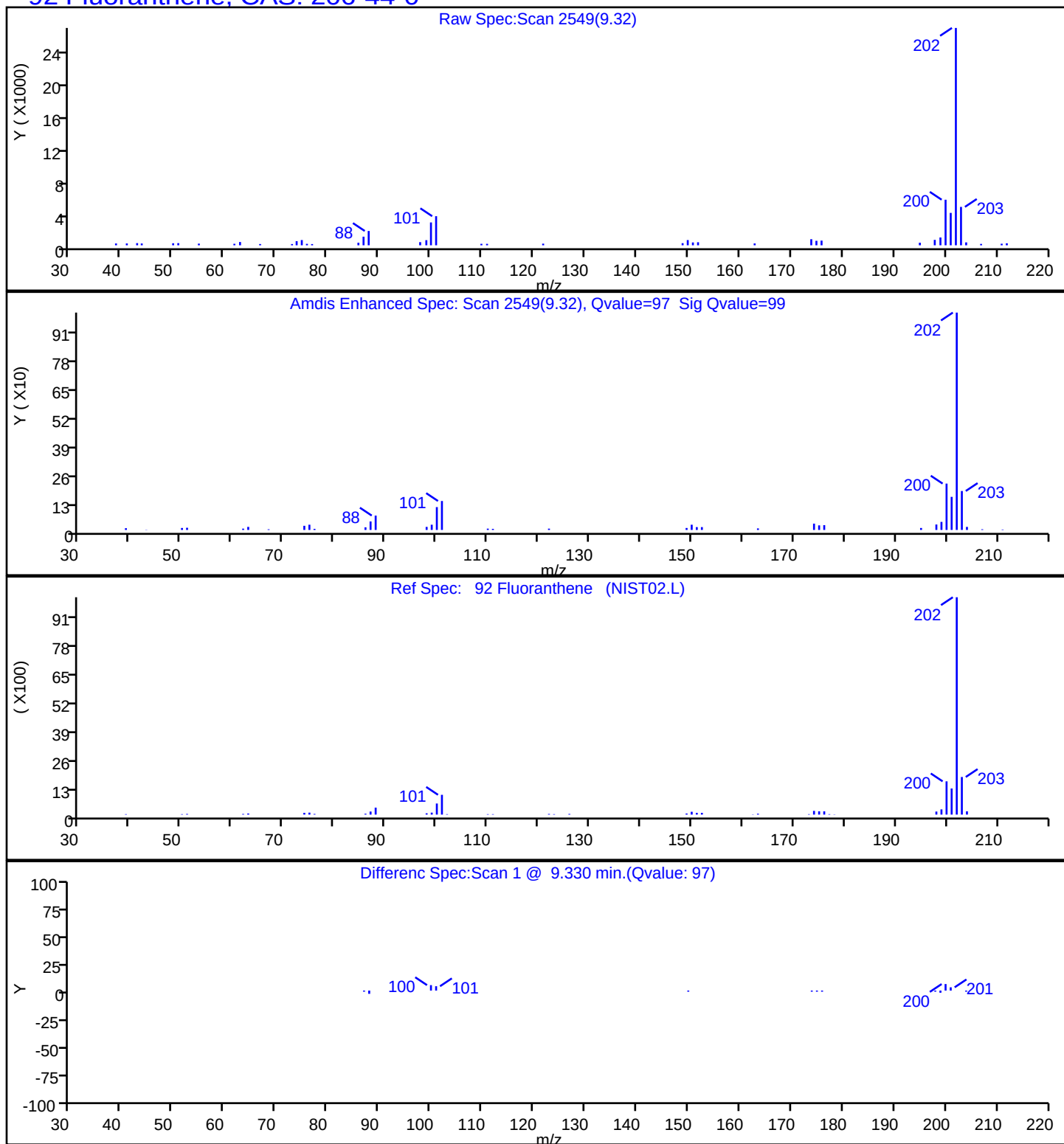
Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

92 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_17

Limit Group:

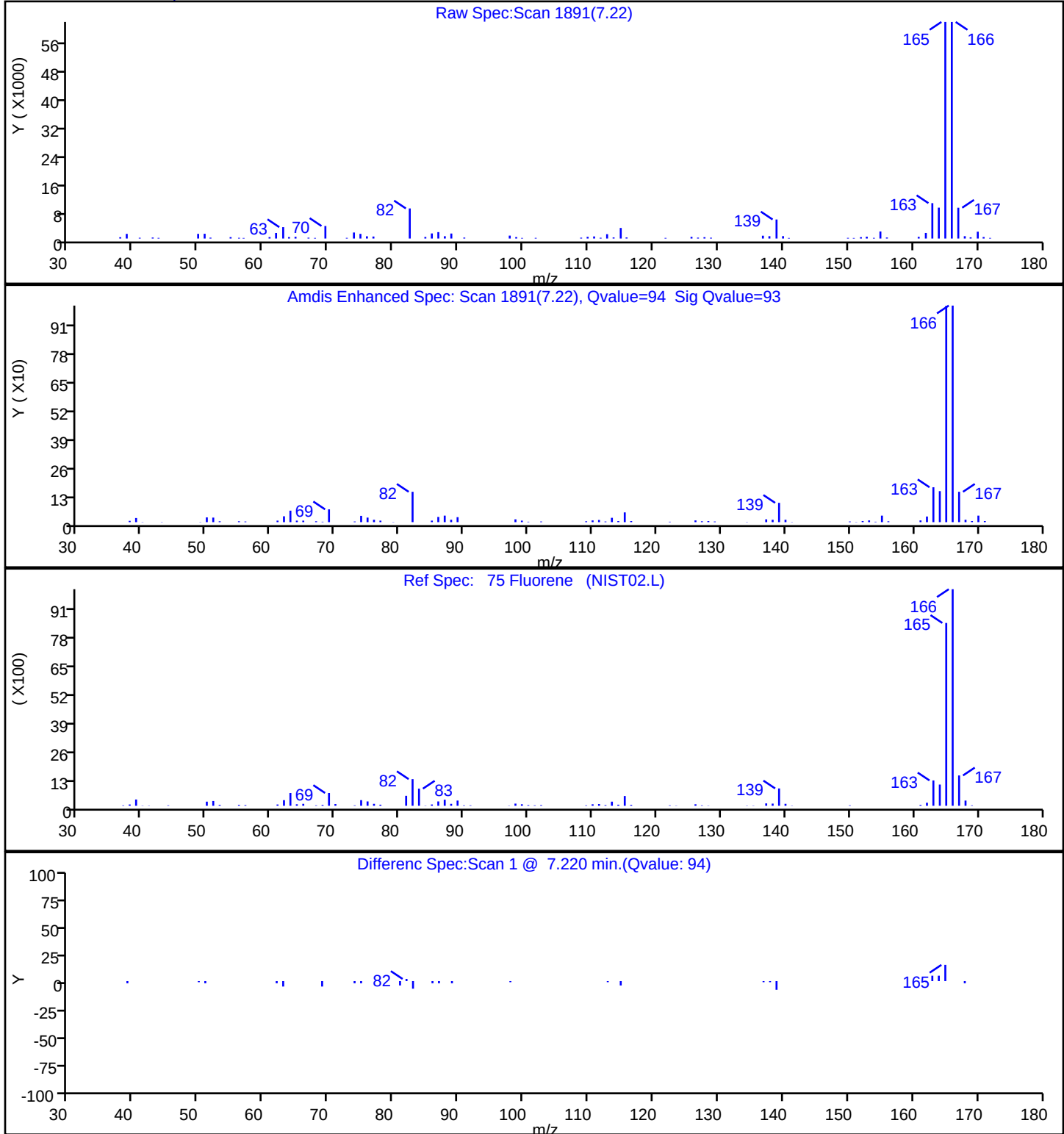
SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

10

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_17

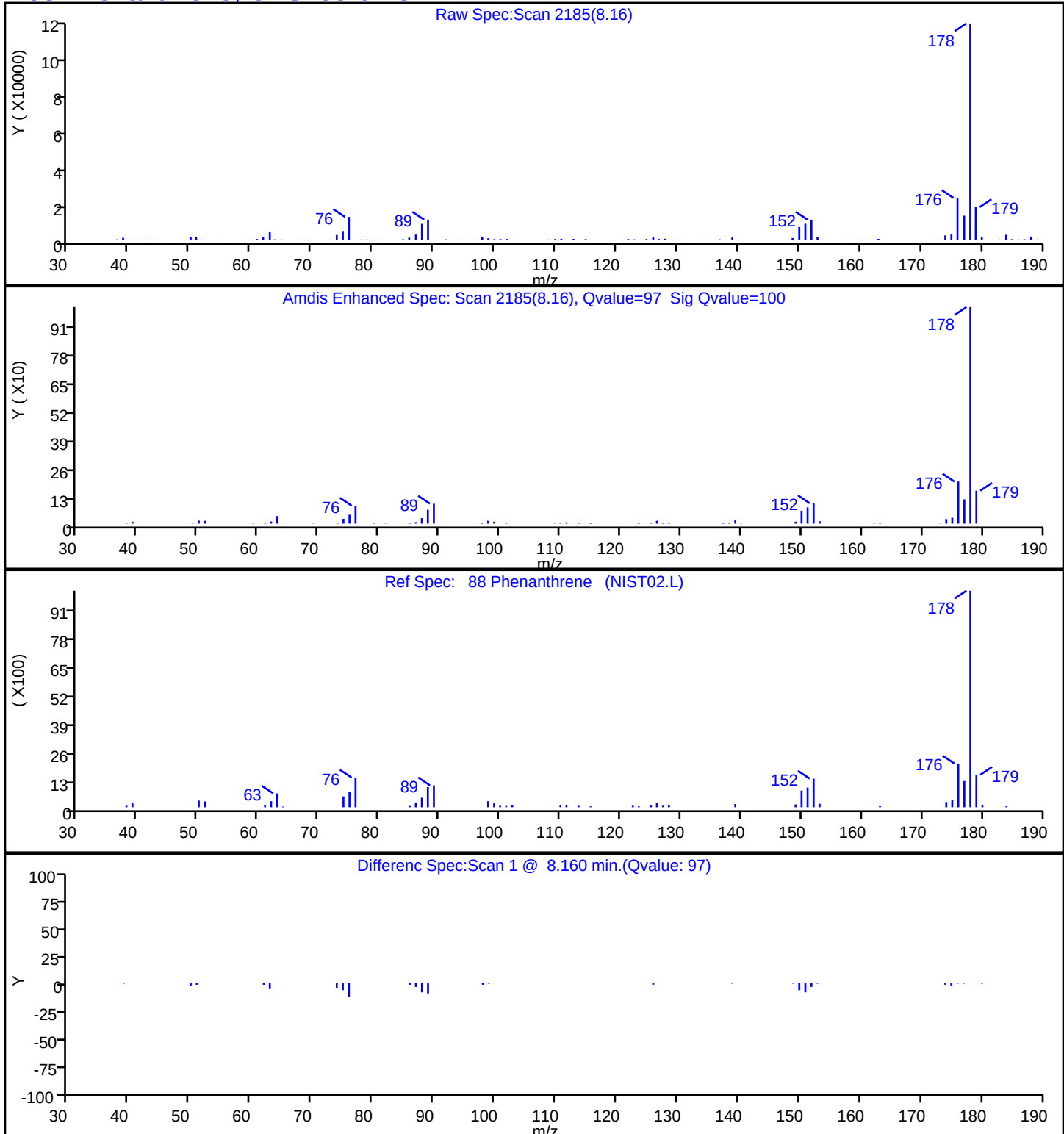
Limit Group:

SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

88 Phenanthrene, CAS: 85-01-8

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

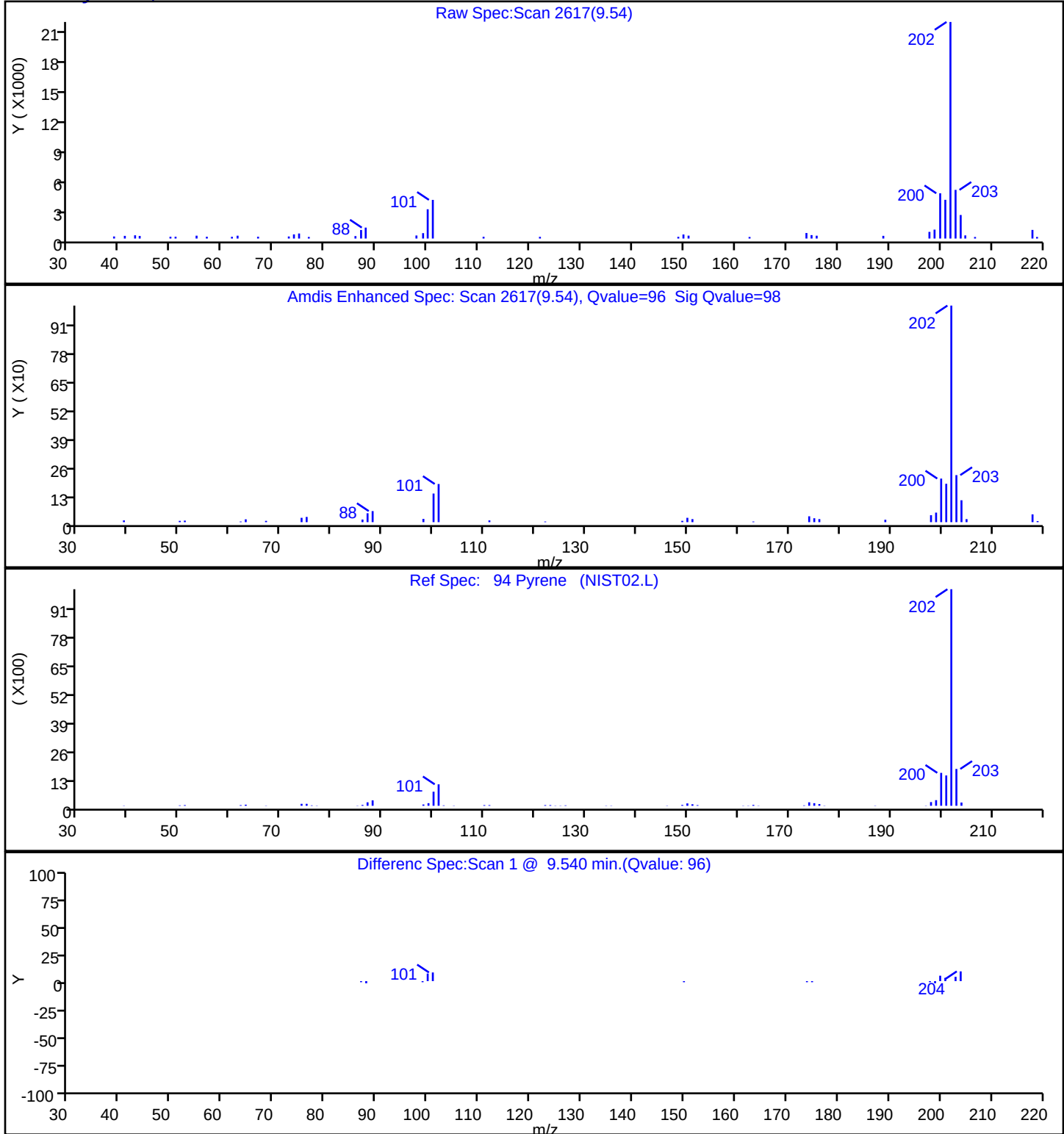
Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

94 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_17

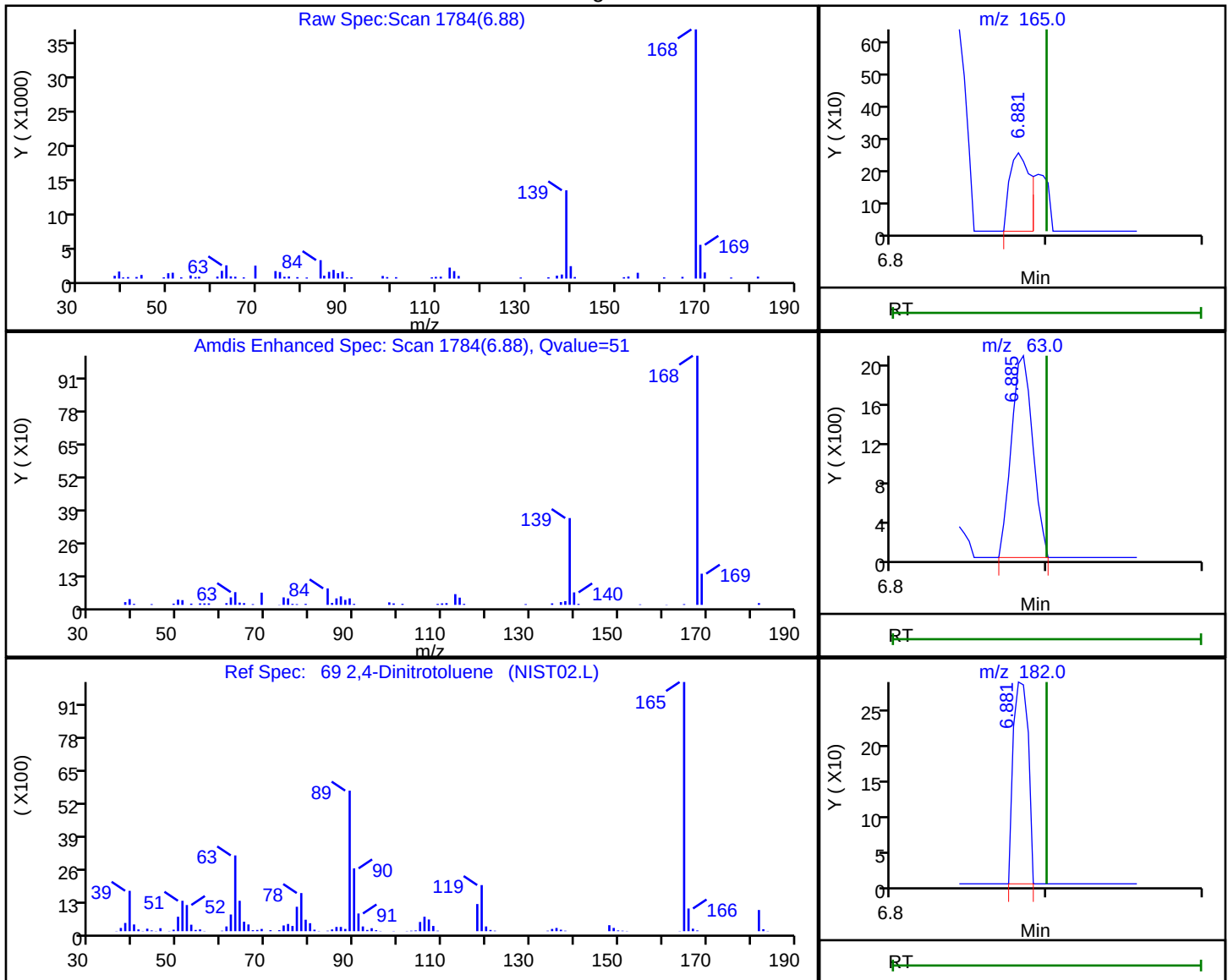
Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Processing Results



RT	Mass	Response	Amount
6.88	165.00	231	0.027852
6.88	63.00	1931	
6.88	182.00	190	

Reviewer: hamziy, 04-Jul-2020 23:44:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_17

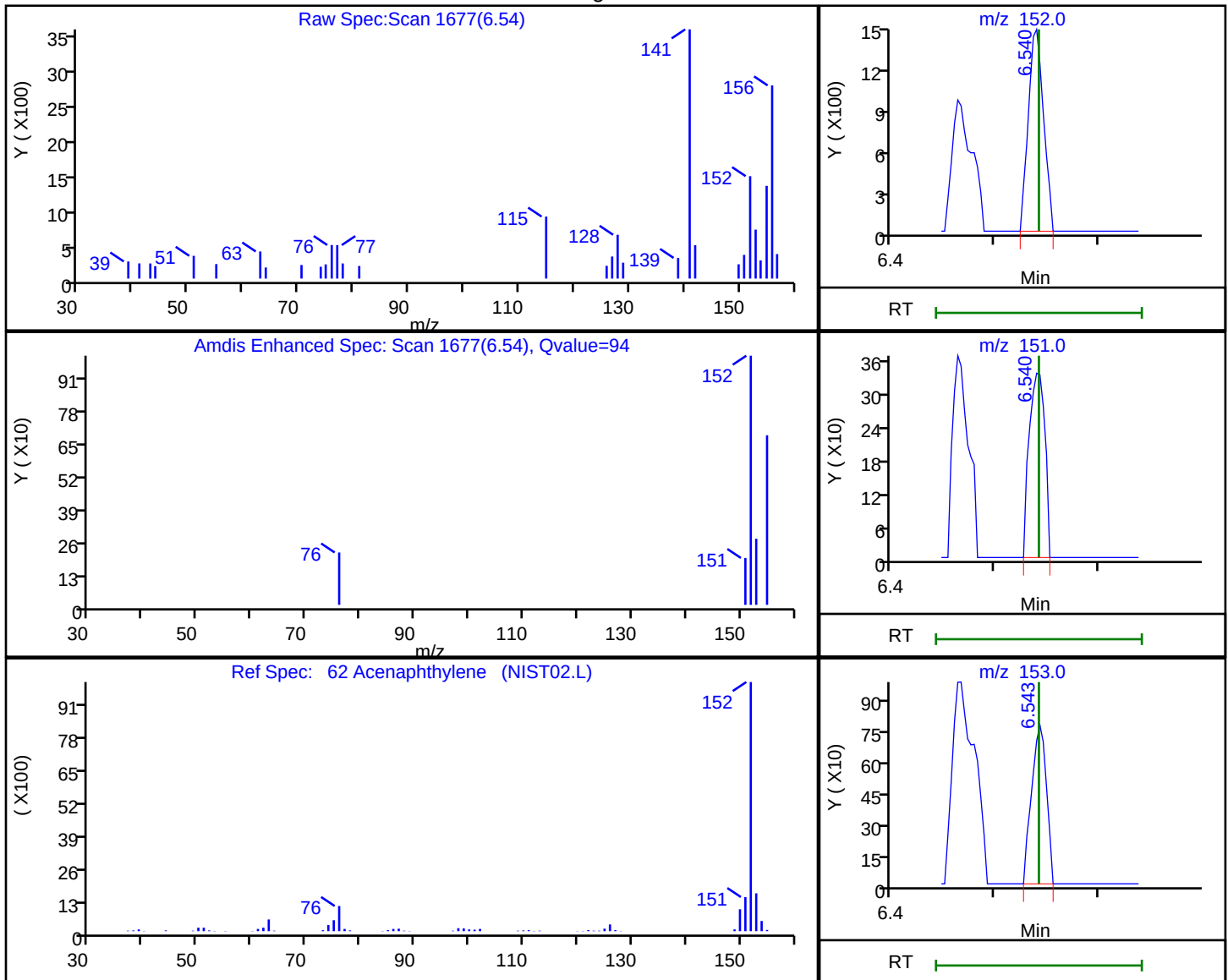
Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector MS SCAN

62 Acenaphthylene, CAS: 208-96-8

Processing Results



RT	Mass	Response	Amount
6.54	152.00	1496	0.037108
6.54	151.00	356	
6.54	153.00	772	

Reviewer: maheseep, 07-Jul-2020 10:00:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

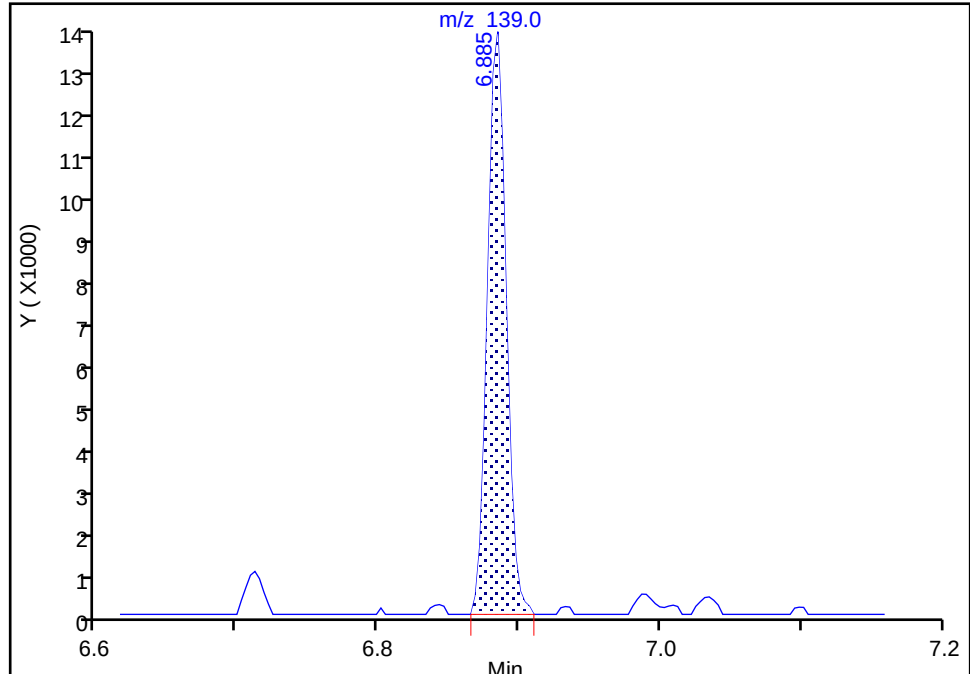
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D
Injection Date: 04-Jul-2020 23:03:30 Instrument ID: CBNAMS17
Lims ID: 460-212426-D-2-A Lab Sample ID: 460-212426-2
Client ID: MW-7A
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

70 Dibenzofuran, CAS: 132-64-9

Signal: 2

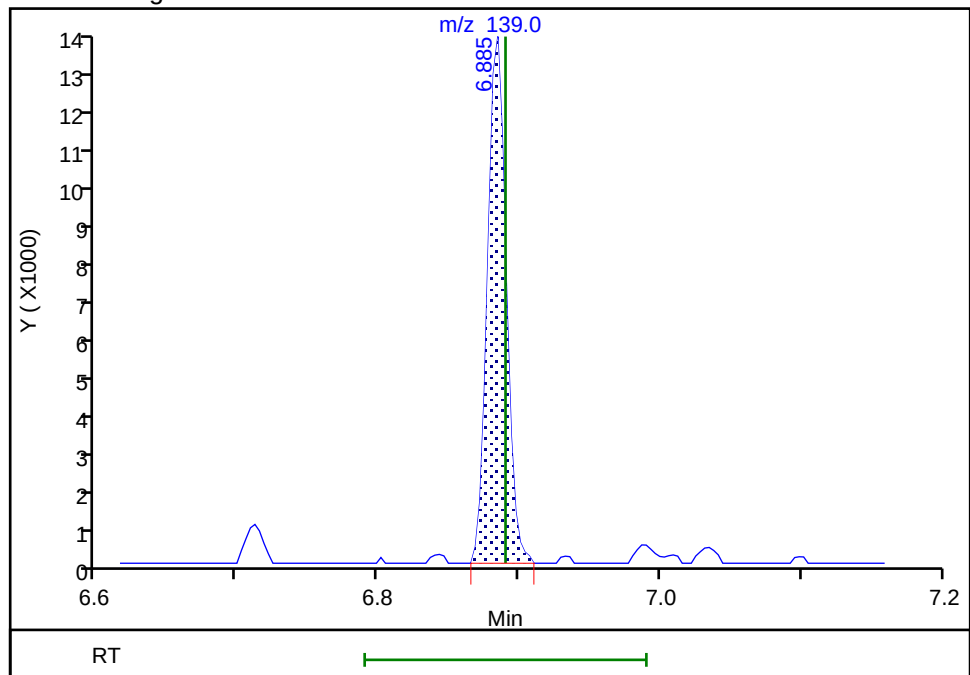
RT: 6.88
Area: 12711
Amount: 0.917683
Amount Units: ug/ml

Processing Integration Results



RT: 6.88
Area: 12711
Amount: 0.917683
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 04-Jul-2020 23:44:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133914.D

Injection Date: 04-Jul-2020 23:03:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-D-2-A

Lab Sample ID: 460-212426-2

Client ID: MW-7A

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_17

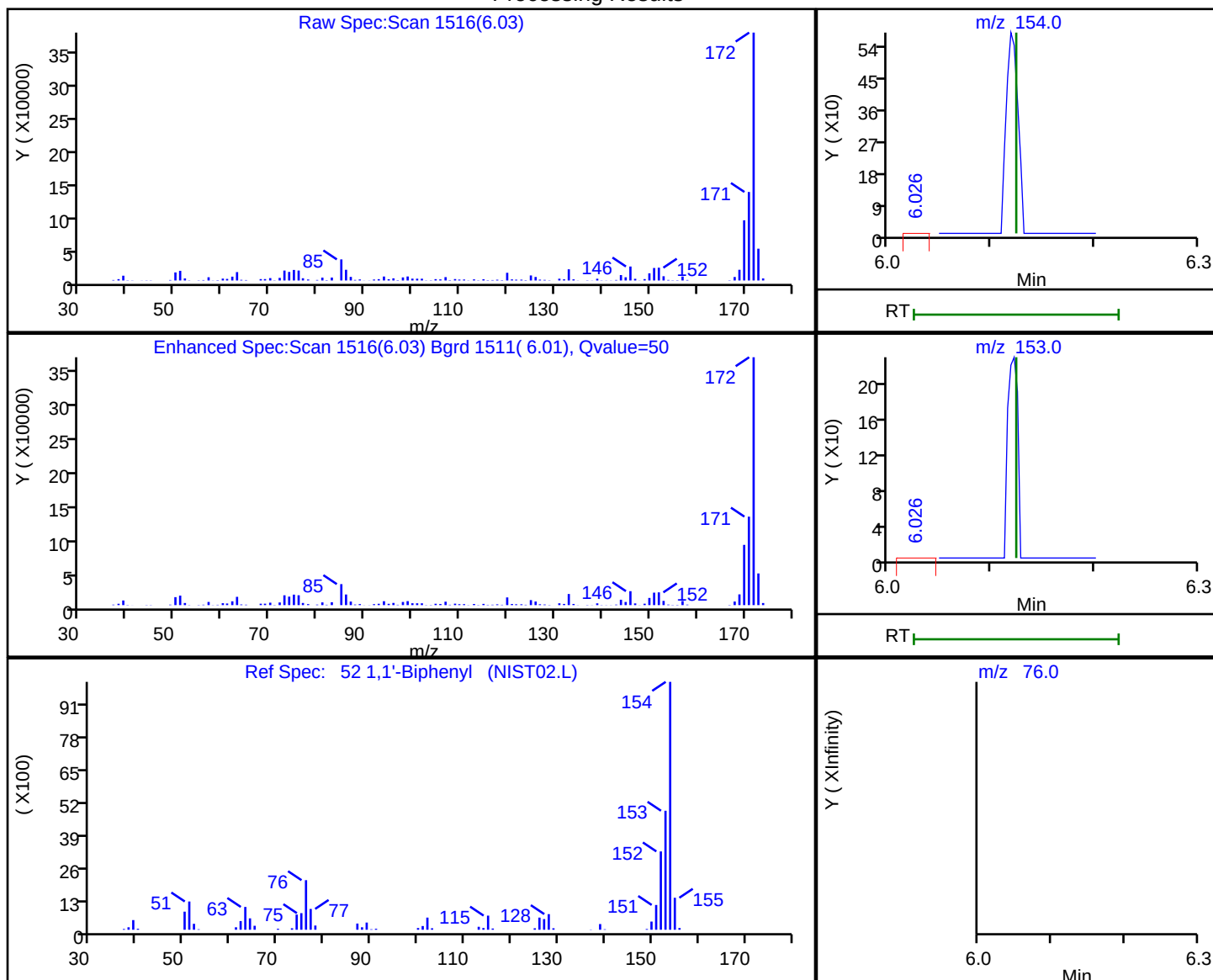
Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.03	154.00	663	0.019003
6.03	153.00	5746	
6.03	76.00	13155	

Reviewer: hamziy, 04-Jul-2020 23:44:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>Dup</u>	Lab Sample ID: <u>460-212426-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133915.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 00:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 23:24</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	0.88	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	0.86	U	10	0.86
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
105-67-9	2,4-Dimethylphenol	0.62	U	10	0.62
51-28-5	2,4-Dinitrophenol	14	U	20	14
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
95-57-8	2-Chlorophenol	0.38	U	10	0.38
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
95-48-7	2-Methylphenol	0.67	U	10	0.67
88-74-4	2-Nitroaniline	0.47	U	10	0.47
88-75-5	2-Nitrophenol	0.75	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	13	U	20	13
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	0.58	U	10	0.58
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.65	U	10	0.65
100-01-6	4-Nitroaniline	1.2	U	10	1.2
100-02-7	4-Nitrophenol	4.0	U	20	4.0
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
98-86-2	Acetophenone	2.3	U	10	2.3
120-12-7	Anthracene	0.63	U	10	0.63
1912-24-9	Atrazine	1.3	U *	2.0	1.3
			*1		
100-52-7	Benzaldehyde	2.1	U *	10	2.1
			*1		
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: <u>Dup</u>	Lab Sample ID: <u>460-212426-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133915.D</u>
Analysis Method: <u>8270D</u>	Date Collected: <u>06/30/2020 00:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 23:24</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	0.41	U *	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
105-60-2	Caprolactam	0.68	U *1	10	0.68
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
92-52-4	Diphenyl	1.2	U	10	1.2
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
87-86-5	Pentachlorophenol	1.4	U	20	1.4
85-01-8	Phenanthrene	0.58	U	10	0.58
108-95-2	Phenol	0.29	U	10	0.29
129-00-0	Pyrene	1.6	U	10	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: Dup Lab Sample ID: 460-212426-3
 Matrix: Water Lab File ID: M133915.D
 Analysis Method: 8270D Date Collected: 06/30/2020 00:00
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 23:24
 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.: 705963 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1746-01-6	2,3,7,8-TCDD	1.0	U	1.0	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	101		36-159
321-60-8	2-Fluorobiphenyl	92		42-127
367-12-4	2-Fluorophenol	43		18-72
4165-60-0	Nitrobenzene-d5	90		46-137
4165-62-2	Phenol-d5	28		10-50
1718-51-0	Terphenyl-d14	110		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: Dup Lab Sample ID: 460-212426-3
Matrix: Water Lab File ID: M133915.D
Analysis Method: 8270D Date Collected: 06/30/2020 00:00
Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 23:24
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.: 705963 Units: ug/L
Number TICs Found: 2 TIC Result Total: 15.8

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
496-11-7	Indane	3.80	9.3	J N	96%
644-36-0	o-Tolylacetic acid	5.87	6.5	J N	97%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133915.D
 Lims ID: 460-212426-E-3-A
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 04-Jul-2020 23:24:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-011
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 10:00:45 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: hamziy

Date: 04-Jul-2020 23:45:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
\$ 4 2-Fluorophenol	112	2.414	2.418	-0.004	94	58331	4.28	
\$ 6 Phenol-d5	99	3.304	3.311	-0.007	97	48950	2.81	
* 14 1,4-Dichlorobenzene-d4	152	3.617	3.624	-0.007	97	82973	8.00	
\$ 27 Nitrobenzene-d5	82	4.188	4.195	-0.007	91	144225	8.98	
* 38 Naphthalene-d8	136	4.915	4.920	-0.005	100	309810	8.00	
\$ 51 2-Fluorobiphenyl	172	6.025	6.031	-0.006	97	294801	9.23	
* 64 Acenaphthene-d10	164	6.679	6.686	-0.007	97	171922	8.00	
\$ 80 2,4,6-Tribromophenol	330	7.464	7.468	-0.004	92	55138	10.1	
* 87 Phenanthrene-d10	188	8.140	8.142	-0.002	99	307075	8.00	
\$ 96 Terphenyl-d14	244	9.719	9.722	-0.003	98	310293	11.0	
* 102 Chrysene-d12	240	10.769	10.778	-0.009	99	214314	8.00	
* 109 Perylene-d12	264	12.505	12.511	-0.006	99	212640	8.00	

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133915.D
 Lims ID: 460-212426-E-3-A
 Client ID: Dup
 Sample Type: Client
 Inject. Date: 04-Jul-2020 23:24:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-011
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 10:00:45 Calib Date: 20-Apr-2020 13:39:30
 Tic RT Window: 0.000 -0.000 Response: area
 Quant By: Nearest ISTD Quant LOD: 10.00000
 MS Library: \\chromfs\Edison\Database\NIST02.L
 Min. Match: 80
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034
 First Level Reviewer: hamziy Date: 04-Jul-2020 23:45:27

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
496-11-7	Indane							
3.799	71593	1.17	14	96	8674	C9H10	118	
644-36-0	o-Tolylacetic acid							
5.866	79201	0.8175	64	97	23315	C9H10O2	150	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	3.617	491528	8.00
* 64 Acenaphthene-d10	6.679	775026	8.00

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_LVI_00191 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133915.D

Injection Date: 04-Jul-2020 23:24:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: 460-212426-E-3-A

Lab Sample ID: 460-212426-3

Worklist Smp#: 11

Client ID: Dup

Injection Vol: 5.0 ul

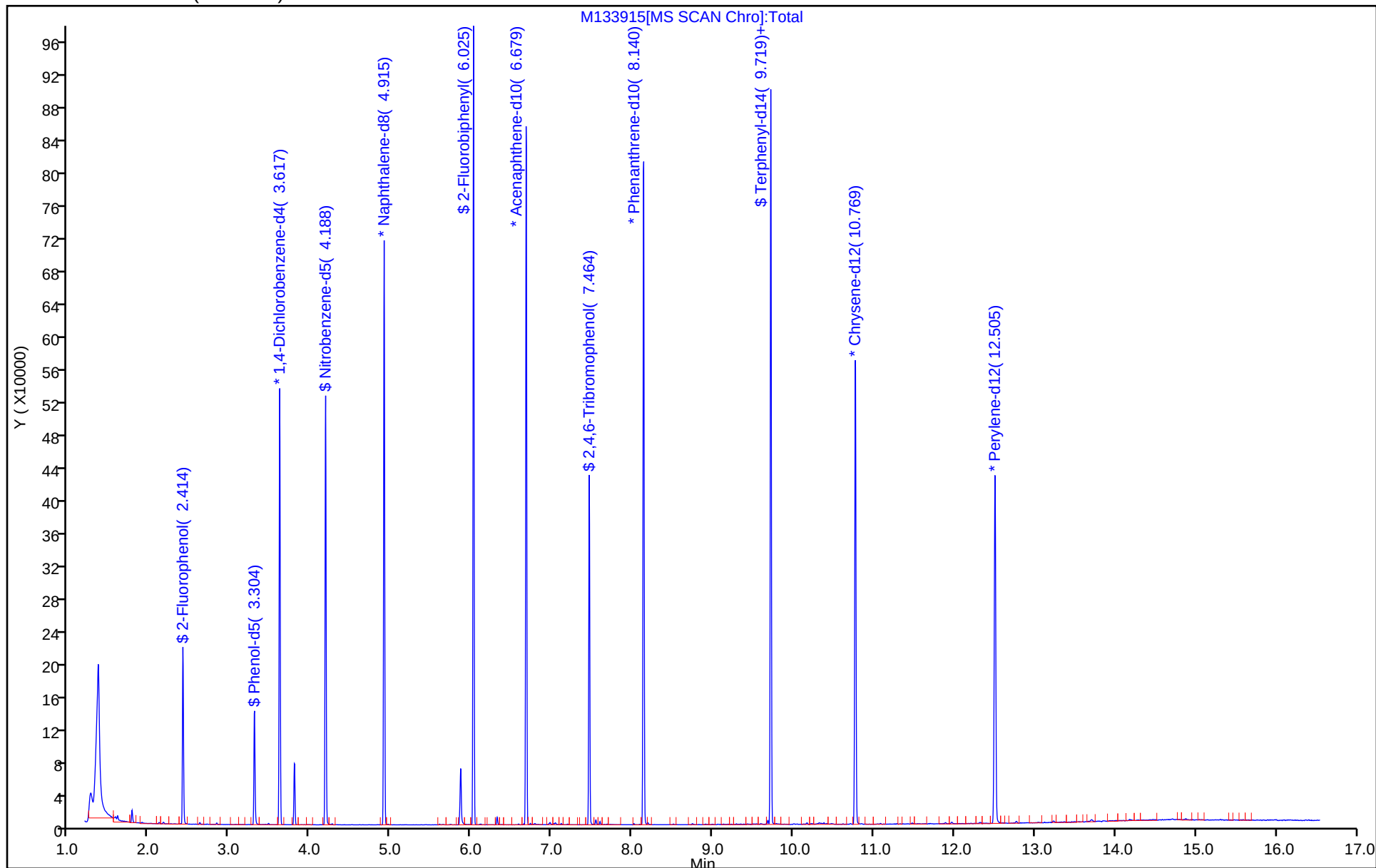
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133915.D

Injection Date: 04-Jul-2020 23:24:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-E-3-A

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 11 Worklist Smp#: 11

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270LVI_17

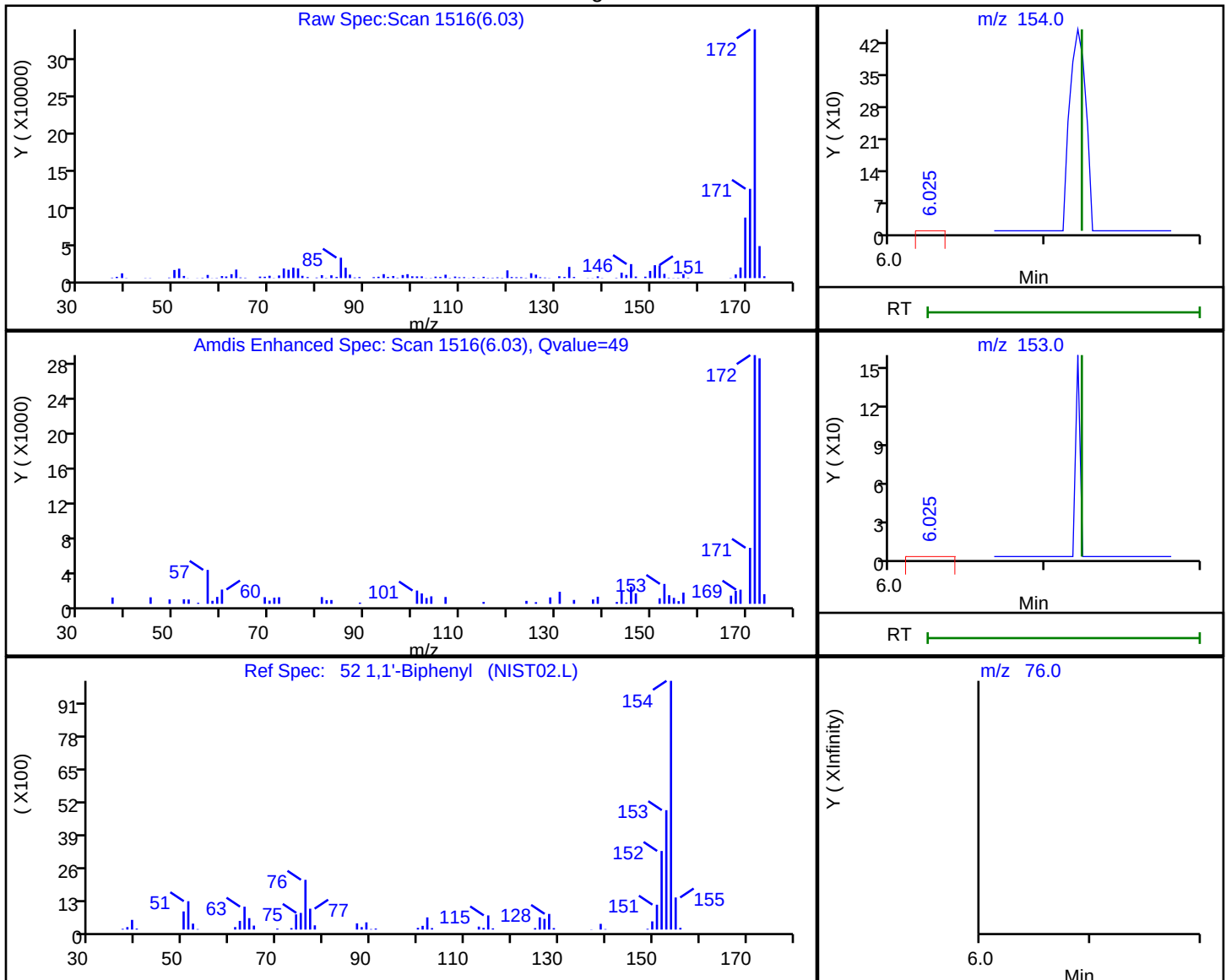
Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.03	154.00	409	0.011887
6.03	153.00	4810	
6.03	76.00	11243	

Reviewer: hamziy, 04-Jul-2020 23:45:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133915.D

Injection Date: 04-Jul-2020 23:24:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-E-3-A

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 11

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

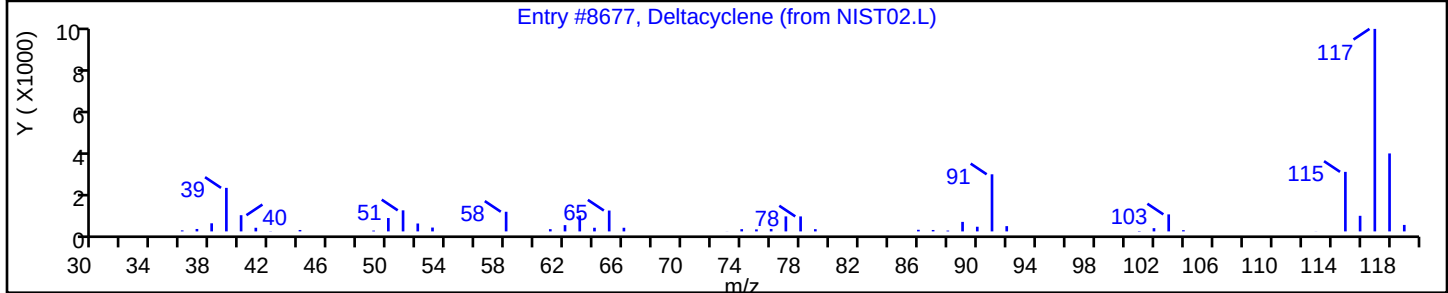
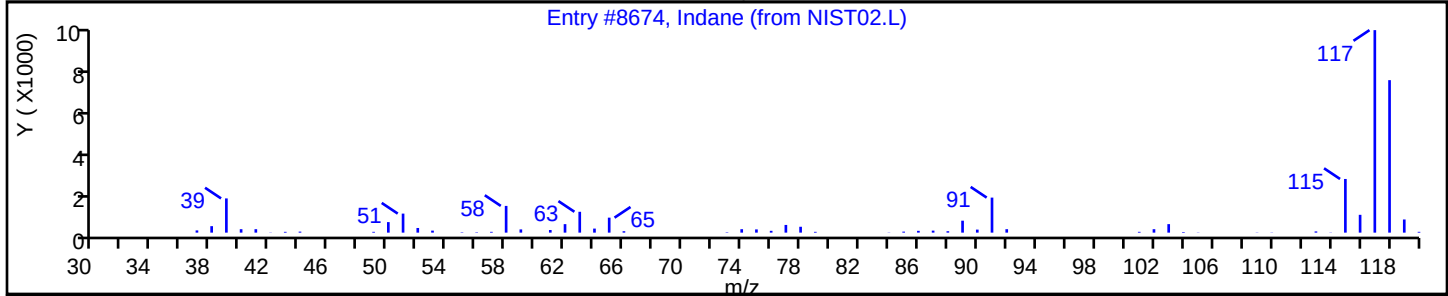
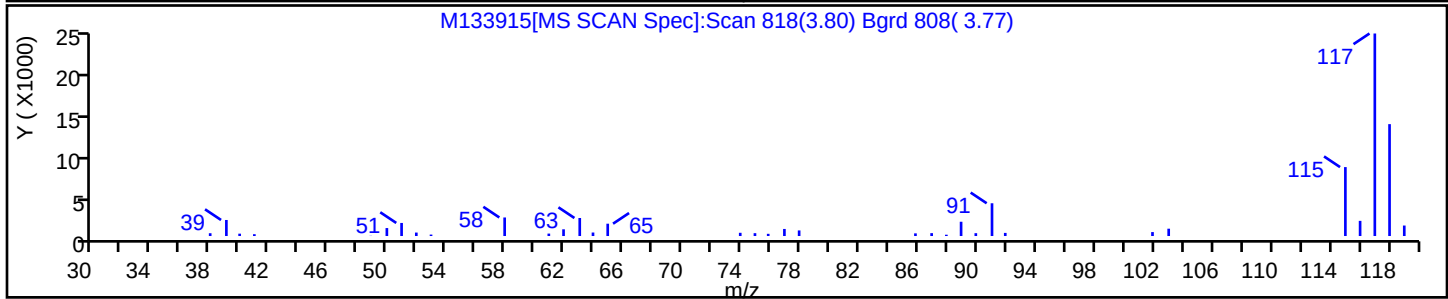
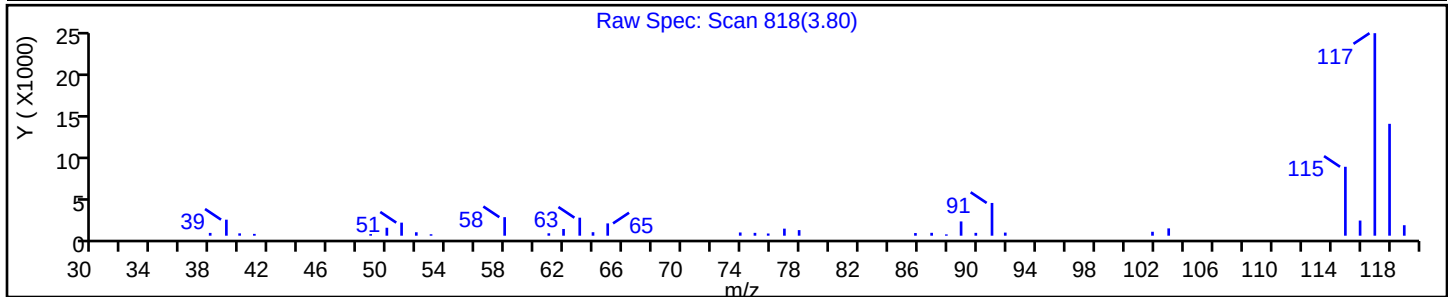
Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Indane	496-11-7	NIST02.L	8674	C9H10	118	96
Deltacyclene	7785-10-6	NIST02.L	8677	C9H10	118	83



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133915.D

Injection Date: 04-Jul-2020 23:24:30

Instrument ID: CBNAMS17

Lims ID: 460-212426-E-3-A

Lab Sample ID: 460-212426-3

Client ID: Dup

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 11

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

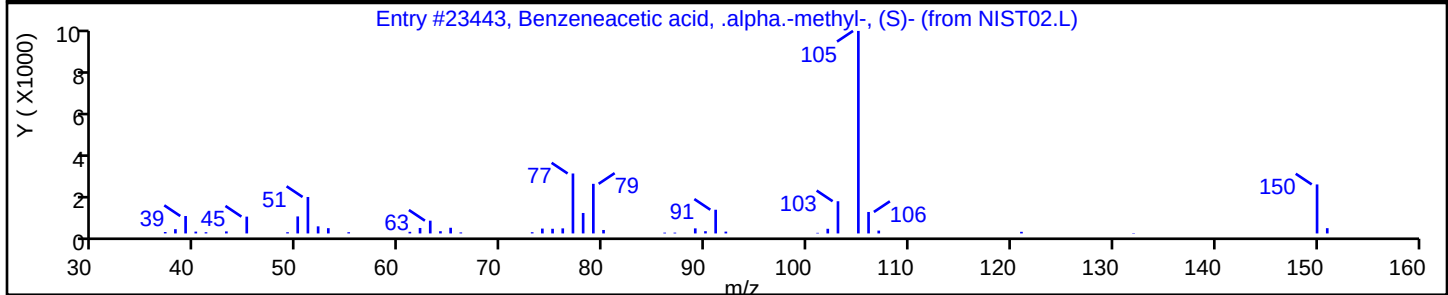
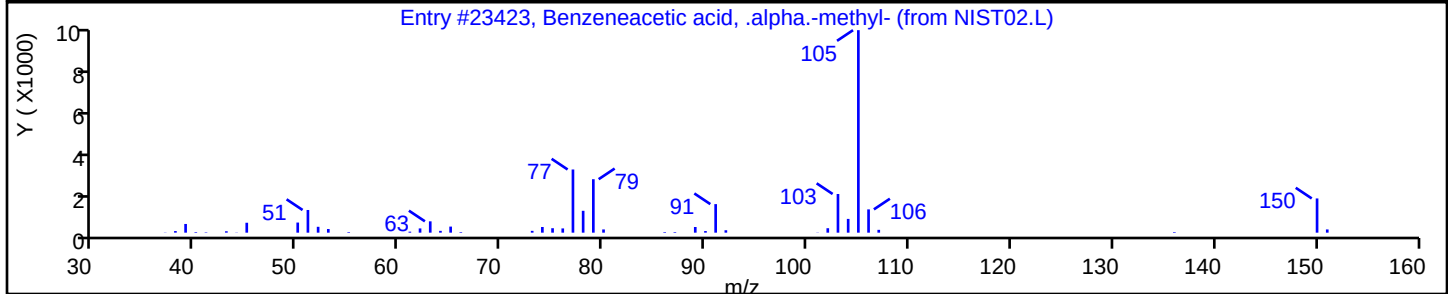
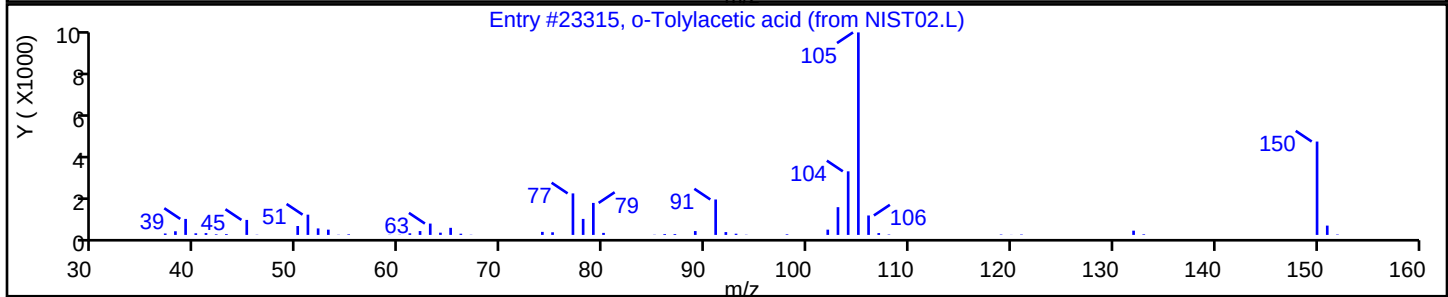
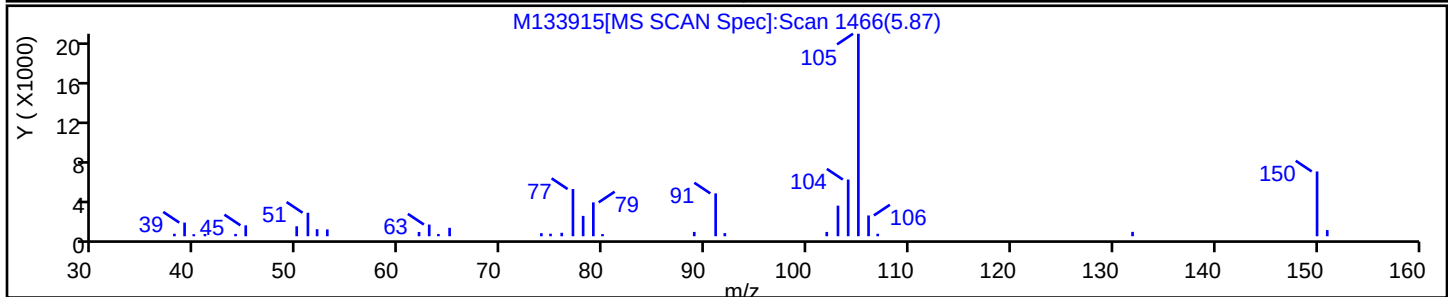
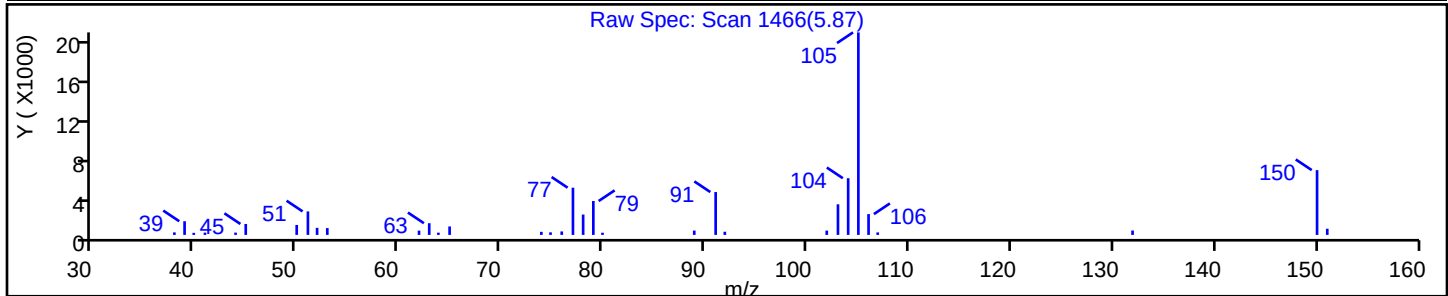
Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
o-Tolylacetic acid	644-36-0	NIST02.L	23315	C9H10O2	150	97
Benzeneacetic acid, .alpha.-methyl-	492-37-5	NIST02.L	23423	C9H10O2	150	91
Benzeneacetic acid, .alpha.-methyl-, (S)-	7782-24-3	NIST02.L	23443	C9H10O2	150	91



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-688773/9	M132035.D
Level 2	STD02 460-688773/8	M132034.D
Level 3	STD1 460-688773/7	M132033.D
Level 4	STD2 460-688773/6	M132032.D
Level 5	STD4 460-688773/5	M132031.D
Level 6	ICIS 460-688773/2	M132028.D
Level 7	STD16 460-688773/4	M132030.D
Level 8	STD24 460-688773/3	M132029.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								
	LVL 6	LVL 7	LVL 8														
1,4-Dioxane	0.5865	0.5402	0.6958 0.5285	0.6801	0.6145	Ave		0.6076				11.5		20.0			
N-Nitrosodimethylamine	0.9064	0.8851	0.8512 0.8674	0.8989	0.8941	Ave		0.8838				2.4		20.0			
Pyridine	1.5565	1.4777	1.4823 1.4486	1.5574	1.4773	Ave		1.5000				3.0		20.0			
Benzaldehyde	1.0454	1.2804 +++++	1.2466 +++++	1.2480	1.2737	Ave		1.2188			0.0100	8.0		20.0			
Phenol	1.9846	1.9527	1.8577 1.9334	1.9568	1.9532	Ave		1.9397			0.8000	2.2		20.0			
Aniline	2.3341	2.2956	2.1132 2.2486	2.3293	2.2723	Ave		2.2655				3.6		20.0			
Bis(2-chloroethyl)ether	1.2178	1.3035	1.3708	1.4302	1.3822	Ave		1.3526			0.7000	4.9		20.0			
	1.4022	1.3630	1.3512														
2-Chlorophenol	1.3742	1.3545	1.3165 1.3514	1.3661	1.3521	Ave		1.3525			0.8000	1.5		20.0			
n-Decane	1.8866	1.7359	1.8204 1.7530	1.8555	1.7663	Ave		1.8029				3.4		20.0			
1,3-Dichlorobenzene	1.6510	1.6226	1.6252 1.6083	1.6980	1.6421	Ave		1.6412				1.9		20.0			
1,4-Dichlorobenzene	1.6807	1.6616	1.6796 1.6242	1.7191	1.6714	Ave		1.6728				1.8		20.0			
Benzyl alcohol	0.9006	0.9056	0.8184 0.8974	0.8784	0.8981	Ave		0.8831				3.7		20.0			
1,2-Dichlorobenzene	1.5876	1.5652	1.5977 1.5391	1.6524	1.5699	Ave		1.5853				2.4		20.0			
2-Methylphenol	1.3150	1.3013	1.2578 1.2817	1.3212	1.2851	Ave		1.2937			0.7000	1.8		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773
SDG No.: _____
Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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								
2,2'-oxybis[1-chloropropane]	2.6049	2.4520	2.5874 2.4173	2.5707	2.5038	Ave		2.5227			0.0100	3.1		20.0			
N-Methylaniline	2.0280 2.3117	2.0171 2.3238	2.2099 2.3275	2.2339	2.3044	Ave		2.2195				5.8		20.0			
Acetophenone	2.1858	2.1440	2.1221 2.1123	2.1665	2.1478	Ave		2.1464			0.0100	1.3		20.0			
N-Nitrosodi-n-propylamine	0.9195 1.1784	1.0719 1.1532	1.1449 1.1165	1.1648	1.1716	Ave		1.1151			0.5000	7.7		20.0			
3 & 4 Methylphenol	1.4210	1.4030	1.3475 1.3565	1.4045	1.4063	Ave		1.3898				2.2		20.0			
4-Methylphenol	1.4210	1.4030	1.3475 1.3495	1.4045	1.4063	Ave		1.3886			0.6000	2.3		20.0			
Hexachloroethane	0.4677 0.6676	0.5656 0.6516	0.6651 0.6520	0.6846	0.6411	Ave		0.6244			0.3000	11.6		20.0			
Nitrobenzene	0.3879 0.7056	0.5591 0.6953	0.6541 0.6809	0.6989	0.6917	Lin2	-0.031	0.6989			0.2000				1.0000		0.9900
n,n'-Dimethylaniline	2.0525 2.1280	1.9253 2.1245	2.0547 2.1512	2.0446	2.0780	Ave		2.0698				3.4		20.0			
Isophorone	0.6472 0.7424	0.7188 0.7299	0.7173	0.7442	0.7473	Ave		0.7210			0.4000	4.8		20.0			
2-Nitrophenol	0.1972	0.1983	0.1706 0.1964	0.1918	0.1916	Ave		0.1910			0.1000	5.4		20.0			
2,4-Dimethylphenol	0.3129	0.3140	0.2987 0.3078	0.3171	0.3156	Ave		0.3110			0.2000	2.2		20.0			
Bis(2-chloroethoxy)methane	0.4685	0.4578	0.4730 0.4524	0.4761	0.4647	Ave		0.4654			0.3000	1.9		20.0			
Benzoic acid	0.1744	0.1956	0.1261 0.1906	0.1595	0.1831	Ave		0.1715				15.0		20.0			
2,4-Dichlorophenol	0.3230	0.3276	0.3156 0.3245	0.3234	0.3269	Ave		0.3235			0.2000	1.3		20.0			
1,2,4-Trichlorobenzene	0.3204 0.3675	0.3470 0.3696	0.3706 0.3683	0.3788	0.3644	Ave		0.3608				5.2		20.0			
Naphthalene	1.0361 1.0501	0.9604 1.0384	1.0654 1.0281	1.0826	1.0402	Ave		1.0376			0.7000	3.5		20.0			
4-Chloroaniline	0.4518	0.4498	0.4439 0.4442	0.4562	0.4514	Ave		0.4495			0.0100	1.1		20.0			
Hexachlorobutadiene	0.1885 0.2209	0.2116 0.2183	0.2275 0.2217	0.2280	0.2266	Ave		0.2179			0.0100	6.0		20.0			
Caprolactam	0.0571 0.0817	0.0843 0.0869	0.0805	0.0874	0.0865	Ave		0.0806			0.0100	13.3		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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-Chloro-3-methylphenol	0.3109	0.3104	0.2985 0.3069	0.3135	0.3171	Ave		0.3095			0.2000	2.1		20.0			
2-Methylnaphthalene	0.7090	0.6632 0.7064	0.7412 0.7006	0.7463	0.7217	Ave		0.7126			0.4000	3.9		20.0			
1-Methylnaphthalene	0.6697	0.6510 0.6615	0.7041 0.6457	0.6956	0.6851	Ave		0.6732				3.3		20.0			
Hexachlorocyclopentadiene	0.5396	0.5543	0.4619 0.5510	0.4831	0.5105	Ave		0.5167			0.0500	7.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.7080	0.7122	0.6719 0.7161	0.7125	0.6773	Ave		0.6997			0.0100	2.8		20.0			
2-tertbutyl-4-methylphenol	0.4237	0.3848 0.4308	0.4103 0.4395	0.4140	0.4229	Ave		0.4180				4.2		20.0			
2,4,6-Trichlorophenol	0.4458	0.3351 0.4431	0.4038 0.4393	0.4182	0.4148	Ave		0.4143			0.2000	9.3		20.0			
2,4,5-Trichlorophenol	0.4775	0.4756	0.4438 0.4690	0.4654	0.4523	Ave		0.4639			0.2000	2.9		20.0			
Diphenyl	1.6284	1.5884	1.5858 1.5738	1.6437	1.5862	Ave		1.6010			0.0100	1.7		20.0			
2-Chloronaphthalene	1.2879	1.2775	1.2588 1.2812	1.3019	1.2333	Ave		1.2734			0.8000	1.9		20.0			
Phenyl ether	0.8662	0.8799	0.8055 0.8841	0.8371	0.8462	Ave		0.8532				3.5		20.0			
2-Nitroaniline	0.5230	0.5072	0.4668 0.4196	0.5132	0.5029	Ave		0.4888			0.0100	8.0		20.0			
1,3-Dimethylnaphthalene	0.9352	0.9264	0.8661 0.9520	0.8890	0.9102	Ave		0.9131				3.5		20.0			
Dimethyl phthalate	1.4023	1.3940	1.3915 1.3701	1.4509	1.4244	Ave		1.4055			0.0100	2.0		20.0			
Coumarin	0.2537	0.2546	0.2620 0.2544	0.2686	0.2653	Ave		0.2598				2.5		20.0			
2,6-Dinitrotoluene	0.3101	0.2367 0.3084	0.2917 0.2985	0.2973	0.3085	Ave		0.2930			0.2000	8.8		20.0			
Acenaphthylene	1.8863	1.8518	1.8168 1.8319	1.8650	1.8486	Ave		1.8501			0.9000	1.3		20.0			
3-Nitroaniline	0.3398	0.3349	0.3185 0.3266	0.3356	0.3333	Ave		0.3315			0.0100	2.3		20.0			
Acenaphthene	1.1982	1.1783	1.1908 1.1560	1.1805	1.1718	Ave		1.1793			0.9000	1.3		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.1278	1.1479	1.0289 1.1700	1.0652	1.0760	Ave		1.1026				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
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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-Dinitrophenol	0.1810	0.1848	0.1185 0.1845	0.1406	0.1602	Ave		0.1616			0.0100	16.9		20.0			
4-Nitrophenol	0.2759	0.2698	0.2635 0.2582	0.2799	0.2753	Ave		0.2704			0.0100	3.1		20.0			
2,4-Dinitrotoluene	0.4035	0.3013 0.4007	0.3680 0.3913	0.4000	0.3993	Ave		0.3806			0.2000	9.7		20.0			
Dibenzofuran	1.8354	1.7719	1.8567 1.7324	1.8833	1.8118	Ave		1.8152			0.8000	3.1		20.0			
2,3,4,6-Tetrachlorophenol	0.3756	0.3785	0.3561 0.3774	0.3641	0.3702	Ave		0.3703			0.0100	2.4		20.0			
Diethyl phthalate	1.3777	1.3522	1.4128 1.3431	1.4116	1.4163	Ave		1.3856			0.0100	2.4		20.0			
Fluorene	1.3699	1.3564	1.3872 1.3278	1.3880	1.3768	Ave		1.3677			0.9000	1.7		20.0			
4-Chlorophenyl phenyl ether	0.7086	0.7015	0.7167 0.6955	0.7204	0.7045	Ave		0.7079			0.4000	1.3		20.0			
4-Nitroaniline	0.3204	0.3139	0.3097 0.2989	0.3252	0.3271	Ave		0.3159			0.0100	3.4		20.0			
4,6-Dinitro-2-methylphenol	0.1303	0.1321	0.0900 0.1328	0.1082	0.1174	Ave		0.1185			0.0100	14.4		20.0			
N-Nitrosodiphenylamine	0.5848	0.5791	0.5481 0.5669	0.5675	0.5674	Ave		0.5690			0.0100	2.2		20.0			
1,2-Diphenylhydrazine	0.9591	0.9309	0.8741 0.9165	0.9247	0.8827	Ave		0.9147				3.5		20.0			
4-Bromophenyl phenyl ether	0.2470	0.2476	0.2308 0.2440	0.2430	0.2343	Ave		0.2411			0.1000	2.9		20.0			
Hexachlorobenzene	0.2834 0.3043	0.2905 0.3142	0.2924 0.3098	0.3015	0.3012	Ave		0.2997			0.1000	3.4		20.0			
Atrazine	0.2076	0.1831 0.2121	0.1969 0.2016	0.1916	0.2033	Ave		0.1994			0.0100	4.9		20.0			
Pentachlorophenol	0.1621	0.1713	0.1101 0.1737	0.1367	0.1436	Ave		0.1496			0.0500	16.3		20.0			
Pentachloronitrobenzene	0.1187	0.1218	0.0990 0.1237	0.1077	0.1115	Ave		0.1137			0.0100	8.3		20.0			
n-Octadecane	0.7156	0.6727	0.5806 0.6771	0.6288	0.6351	Ave		0.6516				7.2		20.0			
Phenanthrene	1.1649	1.1374	1.1500 1.0977	1.1762	1.1196	Ave		1.1410			0.7000	2.6		20.0			
Anthracene	1.1929	1.1592	1.1415 1.1392	1.1659	1.1577	Ave		1.1594			0.7000	1.7		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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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								
Carbazole	1.0037	0.9740	0.9642 0.9541	1.0125	0.9754	Ave		0.9807			0.0100	2.3		20.0			
Di-n-butyl phthalate	1.2907	1.2678	1.1249 1.2541	1.1777	1.1986	Ave		1.2189			0.0100	5.2		20.0			
Fluoranthene	1.1183	1.1015	1.0906 1.0794	1.1021	1.1006	Ave		1.0987			0.6000	1.2		20.0			
Benzidine	0.4567	0.4779	0.1256 0.4844	0.2037	0.3173	Qua	-0.559	0.5078	0.0000493						0.9990		0.9900
Pyrene	1.6278	1.5036	1.5189 1.4265	1.5963	1.6209	Ave		1.5490			0.6000	5.1		20.0			
Bisphenol-A	0.6049	0.6033	0.5047 0.6108	0.5515	0.5791	Ave		0.5757				7.2		20.0			
Butyl benzyl phthalate	0.6390	0.6193	0.5295 0.6043	0.5794	0.6087	Ave		0.5967			0.0100	6.4		20.0			
2,3,7,8-TCDD	0.1759					Ave		0.1759						20.0			
Carbamazepine	0.5168	0.5492	0.3568 0.5752	0.4157	0.4569	Ave		0.4784				17.5		20.0			
3,3'-Dichlorobenzidine	0.5124	0.5330	0.3864 0.5373	0.4793	0.5010	Ave		0.4830			0.0100	11.5		20.0			
Benzo[a]anthracene	1.3920 1.3381	1.2987 1.3226	1.2737 1.3055	1.3375	1.3187	Ave		1.3233			0.8000	2.6		20.0			
Chrysene	1.3168	1.3069 1.2806	1.3010 1.2735	1.3091	1.3197	Ave		1.3011			0.7000	1.4		20.0			
Bis(2-ethylhexyl) phthalate	0.9633	0.6485 0.9298	0.7847 0.9281	0.8672	0.9126	Ave		0.8620			0.0100	12.8		20.0			
Di-n-octyl phthalate	1.4061	1.3332	1.1337 1.3163	1.2874	1.3104	Ave		1.2979			0.0100	6.9		20.0			
Benzo[b]fluoranthene	1.0074 1.1691	1.0382 1.1645	1.1005 1.1134	1.1633	1.1176	Ave		1.1093			0.7000	5.4		20.0			
Benzo[k]fluoranthene	1.0801 1.1803	1.0448 1.1936	1.2259 1.1947	1.2451	1.2073	Ave		1.1715			0.7000	6.1		20.0			
Benzo[a]pyrene	0.8096 1.0470	0.8829 1.0422	0.9935 1.0311	1.0025	0.9961	Ave		0.9756			0.7000	8.7		20.0			
Indeno[1,2,3-cd]pyrene	0.8756 1.0983	0.9201 1.1890	1.0530 1.2245	1.0973	1.0370	Ave		1.0618			0.5000	11.3		20.0			
Dibenz(a,h)anthracene	0.8236 1.1581	0.8993 1.2151	1.0735 1.1651	1.1073	1.0649	Ave		1.0634			0.4000	12.8		20.0			
Benzo[g,h,i]perylene	1.1762	1.2846	1.1128 1.2481	1.1697	1.1281	Ave		1.1866			0.5000	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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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								
	LVL 6	LVL 7	LVL 8														
2-Fluorophenol	1.3412	1.2810 1.3755	1.2608 1.3720	1.2832	1.2797	Ave		1.3133				3.7		20.0			
Phenol-d5	1.7057	1.6594 1.7418	1.6438 1.7342	1.6365	1.6228	Ave		1.6777				2.9		20.0			
Nitrobenzene-d5	0.4006 0.4255	0.4105 0.4295	0.4040 0.4328	0.4111	0.4039	Ave		0.4147				3.1		20.0			
2-Fluorobiphenyl	1.4226 1.5316	1.4713 1.5434	1.4610 1.5619	1.4617	1.4385	Ave		1.4865				3.5		20.0			
2,4,6-Tribromophenol	0.2620	0.2285 0.2746	0.2431 0.2762	0.2464	0.2527	Ave		0.2548				6.8		20.0			
Terphenyl-d14	1.1718 1.0959	1.0023 1.0664	0.9979 1.0404	1.0310	1.0469	Ave		1.0566				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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-688773/9	M132035.D
Level 2	STD02 460-688773/8	M132034.D
Level 3	STD1 460-688773/7	M132033.D
Level 4	STD2 460-688773/6	M132032.D
Level 5	STD4 460-688773/5	M132031.D
Level 6	ICIS 460-688773/2	M132028.D
Level 7	STD16 460-688773/4	M132030.D
Level 8	STD24 460-688773/3	M132029.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	DCBd 4	Ave	49686	70436	5944 109373	11564	21313	10.0	16.0	1.00 24.0	2.00	4.00
N-Nitrosodimethylamine	DCBd 4	Ave	76781	115395	7271 179501	15286	31014	10.0	16.0	1.00 24.0	2.00	4.00
Pyridine	DCBd 4	Ave	263721	385316	25325 599577	52965	102480	20.0	32.0	2.00 48.0	4.00	8.00
Benzaldehyde	DCBd 4	Ave	35425	2162 +++++	10649 +++++	21222	35344	4.00	0.200 +++++	1.00 +++++	2.00	3.20
Phenol	DCBd 4	Ave	168122	254590	15869 400102	33275	67747	10.0	16.0	1.00 24.0	2.00	4.00
Aniline	DCBd 4	Ave	197731	299297	18052 465348	39609	78818	10.0	16.0	1.00 24.0	2.00	4.00
Bis(2-chloroethyl)ether	DCBd 4	Ave	992 118787	2201 177707	11710 279626	24319	47944	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Chlorophenol	DCBd 4	Ave	116413	176599	11246 279672	23230	46900	10.0	16.0	1.00 24.0	2.00	4.00
n-Decane	DCBd 4	Ave	159820	226324	15551 362769	31551	61266	10.0	16.0	1.00 24.0	2.00	4.00
1,3-Dichlorobenzene	DCBd 4	Ave	139862	211546	13883 332839	28874	56959	10.0	16.0	1.00 24.0	2.00	4.00
1,4-Dichlorobenzene	DCBd 4	Ave	142382	216640	14348 336112	29233	57974	10.0	16.0	1.00 24.0	2.00	4.00
Benzyl alcohol	DCBd 4	Ave	76289	118072	6991 185711	14936	31152	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Dichlorobenzene	DCBd 4	Ave	134495	204072	13648 318517	28099	54454	10.0	16.0	1.00 24.0	2.00	4.00
2-Methylphenol	DCBd 4	Ave	111399	169660	10745 265239	22466	44574	10.0	16.0	1.00 24.0	2.00	4.00
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	220671	319687	22103 500241	43714	86848	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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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-Methylaniline	DCBd 4	Ave	1652 195832	3406 302978	18878 481662	37986	79932	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Acetophenone	DCBd 4	Ave	185166	279526	18128 437129	36840	74497	10.0	16.0	24.0	2.00	4.00
N-Nitrosodi-n-propylamine	DCBd 4	Ave	749 99825	1810 150350	9780 231052	19806	40638	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
3 & 4 Methylphenol	DCBd 4	Ave	11511 120375	182925	280721	23882	48778	10.0	16.0	24.0	2.00	4.00
4-Methylphenol	DCBd 4	Ave	120375	182925	279276	23882	48778	10.0	16.0	24.0	2.00	4.00
Hexachloroethane	DCBd 4	Ave	381 56558	955 84953	5682 134925	11641	22237	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene	DCBd 4	Lin2	316 59778	944 90647	5588 140901	11884	23991	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
n,n'-Dimethylaniline	DCBd 4	Ave	1672 180275	3251 276986	17552 445181	34767	72076	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Isophorone	NPT	Ave	243890	4206 364127	23361 561075	48509	99929	10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Nitrophenol	NPT	Ave	64800	98948	5544 153630	12504	25622	10.0	16.0	24.0	2.00	4.00
2,4-Dimethylphenol	NPT	Ave	102808	156638	9707 240773	20668	42206	10.0	16.0	24.0	2.00	4.00
Bis(2-chloroethoxy)methane	NPT	Ave	153928	228383	15373 353874	31035	62138	10.0	16.0	24.0	2.00	4.00
Benzoic acid	NPT	Ave	57283	97585	4099 149067	10394	24481	10.0	16.0	24.0	2.00	4.00
2,4-Dichlorophenol	NPT	Ave	106111	163430	10257 253815	21080	43717	10.0	16.0	24.0	2.00	4.00
1,2,4-Trichlorobenzene	NPT	Ave	1003 120740	2255 184357	12045 288051	24689	48727	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Naphthalene	NPT	Ave	3243 344970	6242 518017	34625 804187	70567	139083	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
4-Chloroaniline	NPT	Ave	148440	224391	14426 347431	29738	60354	10.0	16.0	24.0	2.00	4.00
Hexachlorobutadiene	NPT	Ave	590 72574	1375 108923	7393 173437	14864	30301	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Caprolactam	NPT	Ave	10732	371 13006	2741 16791	5697	9248	4.00	0.200 4.80	1.00 6.40	2.00	3.20
4-Chloro-3-methylphenol	NPT	Ave	102150	154847	9700 240077	20435	42396	10.0	16.0	24.0	2.00	4.00
2-Methylnaphthalene	NPT	Ave	232933	4310 352401	24088 547985	48647	96494	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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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-Methylnaphthalene	NPT	Ave		4231	22882	45344	91603		0.200	1.00	2.00	4.00
			220012	330022	505096			10.0	16.0	24.0		
Hexachlorocyclopentadiene	ANT	Ave		8620	17815	38566			1.00	2.00	4.00	
			94885	148707	228773			10.0	16.0	24.0		
1,2,4,5-Tetrachlorobenzene	ANT	Ave		12539	26273	51168			1.00	2.00	4.00	
			124504	191064	297362			10.0	16.0	24.0		
2-tertbutyl-4-methylphenol	NPT	Ave		2501	13334	26988	56549		0.200	1.00	2.00	4.00
			139202	214890	343760			10.0	16.0	24.0		
2,4,6-Trichlorophenol	ANT	Ave		1230	7535	15421	31338		0.200	1.00	2.00	4.00
			78393	118865	182420			10.0	16.0	24.0		
2,4,5-Trichlorophenol	ANT	Ave		8281	17159	34168			1.00	2.00	4.00	
			83961	127583	194746			10.0	16.0	24.0		
Diphenyl	ANT	Ave		29593	60609	119834			1.00	2.00	4.00	
			286350	426126	653460			10.0	16.0	24.0		
2-Chloronaphthalene	ANT	Ave		23491	48003	93172			1.00	2.00	4.00	
			226471	342733	532001			10.0	16.0	24.0		
Phenyl ether	ANT	Ave		15032	30868	63926			1.00	2.00	4.00	
			152327	236041	367099			10.0	16.0	24.0		
2-Nitroaniline	ANT	Ave		8711	18924	37996			1.00	2.00	4.00	
			91963	136070	174226			10.0	16.0	24.0		
1,3-Dimethylnaphthalene	ANT	Ave		16162	32781	68760			1.00	2.00	4.00	
			164453	248522	395303			10.0	16.0	24.0		
Dimethyl phthalate	ANT	Ave		25966	53498	107611			1.00	2.00	4.00	
			246589	373985	568902			10.0	16.0	24.0		
Coumarin	NPT	Ave		8516	17511	35471			1.00	2.00	4.00	
			83335	126995	198959			10.0	16.0	24.0		
2,6-Dinitrotoluene	ANT	Ave		869	5444	10963	23303		0.200	1.00	2.00	4.00
			54539	82743	123950			10.0	16.0	24.0		
Acenaphthylene	ANT	Ave		33904	68769	139652			1.00	2.00	4.00	
			331703	496779	760655			10.0	16.0	24.0		
3-Nitroaniline	ANT	Ave		5944	12373	25179			1.00	2.00	4.00	
			59755	89858	135602			10.0	16.0	24.0		
Acenaphthene	ANT	Ave		22221	43530	88522			1.00	2.00	4.00	
			210702	316111	480011			10.0	16.0	24.0		
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave		19200	39278	81288			1.00	2.00	4.00	
			198328	307954	485810			10.0	16.0	24.0		
2,4-Dinitrophenol	ANT	Ave		4424	10371	24203			2.00	4.00	8.00	
			63641	99147	153188			20.0	32.0	48.0		
4-Nitrophenol	ANT	Ave		9836	20644	41589			2.00	4.00	8.00	
			97037	144742	214414			20.0	32.0	48.0		
2,4-Dinitrotoluene	ANT	Ave		1106	6868	14750	30169		0.200	1.00	2.00	4.00
			70951	107503	162492			10.0	16.0	24.0		

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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
Dibenzofuran	ANT	Ave	322759	475348	34648 719325	69441	136876	10.0	16.0	1.00 24.0	2.00	4.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	66042	101547	6646 156706	13424	27967	10.0	16.0	1.00 24.0	2.00	4.00
Diethyl phthalate	ANT	Ave	242276	362764	26365 557674	52050	106998	10.0	16.0	1.00 24.0	2.00	4.00
Fluorene	ANT	Ave	240906	363890	25886 551317	51180	104013	10.0	16.0	1.00 24.0	2.00	4.00
4-Chlorophenyl phenyl ether	ANT	Ave	124612	188203	13375 288787	26562	53219	10.0	16.0	1.00 24.0	2.00	4.00
4-Nitroaniline	ANT	Ave	56337	84215	5779 124091	11990	24715	10.0	16.0	1.00 24.0	2.00	4.00
4,6-Dinitro-2-methylphenol	PHN	Ave	75120	116431	5977 180073	14043	31093	20.0	32.0	2.00 48.0	4.00	8.00
N-Nitrosodiphenylamine	PHN	Ave	168562	255179	18203 384372	36842	75127	10.0	16.0	1.00 24.0	2.00	4.00
1,2-Diphenylhydrazine	PHN	Ave	276451	410225	29032 621370	60027	116880	10.0	16.0	1.00 24.0	2.00	4.00
4-Bromophenyl phenyl ether	PHN	Ave	71185	109122	7666 165452	15773	31029	10.0	16.0	1.00 24.0	2.00	4.00
Hexachlorobenzene	PHN	Ave	954 87725	1937 138475	9710 210017	19572	39885	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Atrazine	PHN	Ave	1221 23931	6538 28045	6538 36447	12436	21537	4.00	0.200 4.80	1.00 6.40	2.00	3.20
Pentachlorophenol	PHN	Ave	93463	150934	7312 235573	17745	38032	20.0	32.0	2.00 48.0	4.00	8.00
Pentachloronitrobenzene	PHN	Ave	34211	53692	3287 83859	6994	14760	10.0	16.0	1.00 24.0	2.00	4.00
n-Octadecane	PHN	Ave	206271	296459	19284 459067	40816	84092	10.0	16.0	1.00 24.0	2.00	4.00
Phenanthrene	PHN	Ave	335781	501225	38195 744261	76351	148247	10.0	16.0	1.00 24.0	2.00	4.00
Anthracene	PHN	Ave	343862	510845	37911 772411	75687	153292	10.0	16.0	1.00 24.0	2.00	4.00
Carbazole	PHN	Ave	289327	429223	32023 646899	65725	129160	10.0	16.0	1.00 24.0	2.00	4.00
Di-n-butyl phthalate	PHN	Ave	372042	558669	37360 850296	76449	158706	10.0	16.0	1.00 24.0	2.00	4.00
Fluoranthene	PHN	Ave	322356	485386	36220 731824	71545	145740	10.0	16.0	1.00 24.0	2.00	4.00
Benzidine	PHN	Qua	131647	210596	4172 328457	13225	42013	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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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
Pyrene	CRY	Ave	329502	504291	36630 745978	73980	148492	10.0	16.0	1.00 24.0	2.00	4.00
Bisphenol-A	CRY	Ave	122445	202345	12172 319399	25557	53053	10.0	16.0	1.00 24.0	2.00	4.00
Butyl benzyl phthalate	CRY	Ave	129348	207717	12769 316046	26850	55766	10.0	16.0	1.00 24.0	2.00	4.00
2,3,7,8-TCDD	CRY	Ave	356					0.100				
Carbamazepine	CRY	Ave	104619	184194	8606 300818	19266	41853	10.0	16.0	1.00 24.0	2.00	4.00
3,3'-Dichlorobenzidine	CRY	Ave	103712	1833 178771	10410 280999	22212	45893	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]anthracene	CRY	Ave	3377 270856	6160 443570	30717 682741	61983	120808	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Chrysene	CRY	Ave	6199 266551	6199 429502	31377 665992	60666	120894	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	195001	3076 311836	18925 485348	40190	83605	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Di-n-octyl phthalate	PRY	Ave	295260	494571	26891 796295	59267	121979	10.0	16.0	1.00 24.0	2.00	4.00
Benzo[b]fluoranthene	PRY	Ave	2384 245495	4994 431997	26104 673528	53556	104032	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[k]fluoranthene	PRY	Ave	2556 247846	5026 442784	29079 722712	57320	112383	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[a]pyrene	PRY	Ave	1916 219862	4247 386626	23566 623750	46152	92721	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	2072 230621	4426 441059	24976 740726	50518	96526	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Dibenz(a,h)anthracene	PRY	Ave	1949 243184	4326 450763	25462 704834	50976	99127	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
Benzo[g,h,i]perylene	PRY	Ave	246979	26396 476549	755045	53852	105010	10.0	16.0	1.00 24.0	2.00	4.00
2-Fluorophenol	DCBd 4	Ave	113620	2163 179335	10770 283924	21821	44389	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Phenol-d5	DCBd 4	Ave	144496	2802 227094	14042 358888	27828	56288	10.0	0.200 16.0	1.00 24.0	2.00	4.00
Nitrobenzene-d5	NPT	Ave	1254 139778	2668 214279	13129 338522	26796	54007	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2-Fluorobiphenyl	ANT	Ave	2605 269339	5401 414042	27264 648543	53898	108676	0.100 10.0	0.200 16.0	1.00 24.0	2.00	4.00
2,4,6-Tribromophenol	ANT	Ave	46081	839 73672	4536 114692	9085	19093	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: Eurofins TestAmerica, Edison Job No.: 460-212426-1 Analy Batch No.: 688773

SDG No.: _____

Instrument ID: CBNAMS17 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/20/2020 11:12 Calibration End Date: 04/20/2020 13:39 Calibration ID: 79419

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
Terphenyl-d14	CRY	Ave	2843	4754	24067	47778	95902	0.100	0.200	1.00	2.00	4.00
			221832	357662	544103			10.0	16.0	24.0		

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132028.D
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 6
 Inject. Date: 20-Apr-2020 11:12:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-002
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:26 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 11:48:39

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	1.597	1.597	0.000	96	49686	10.0	9.65	
2 N-Nitrosodimethylamine	74	1.795	1.795	0.000	80	76781	10.0	10.3	
3 Pyridine	79	1.823	1.823	0.000	84	263721	20.0	20.8	
\$ 4 2-Fluorophenol	112	2.873	2.873	0.000	91	113620	10.0	10.2	
5 Benzaldehyde	77	3.680	3.680	0.000	92	35425	4.00	3.43	
\$ 6 Phenol-d5	99	3.769	3.769	0.000	95	144496	10.0	10.2	
7 Phenol	94	3.782	3.782	0.000	98	168122	10.0	10.2	
8 Aniline	93	3.789	3.789	0.000	99	197731	10.0	10.3	
9 Bis(2-chloroethyl)ether	93	3.849	3.849	0.000	90	118787	10.0	10.4	
10 Benzonitrile	103	3.862	3.862	0.000	99	236741	NC	NC	
11 2-Chlorophenol	128	3.910	3.910	0.000	90	116413	10.0	10.2	
12 n-Decane	43	3.961	3.961	0.000	93	159820	10.0	10.5	
13 1,3-Dichlorobenzene	146	4.054	4.054	0.000	94	139862	10.0	10.1	
* 14 1,4-Dichlorobenzene-d4	152	4.105	4.105	0.000	97	67771	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.124	4.124	0.000	93	142382	10.0	10.0	
16 Benzyl alcohol	108	4.245	4.245	0.000	90	76289	10.0	10.2	
17 1,2-Dichlorobenzene	146	4.271	4.271	0.000	95	134495	10.0	10.0	
18 2-Methylphenol	108	4.367	4.367	0.000	86	111399	10.0	10.2	
19 2,2'-oxybis[1-chloropropan	45	4.376	4.376	0.000	92	220671	10.0	10.3	
20 N-Methylaniline	106	4.491	4.491	0.000	93	195832	10.0	10.4	
21 Acetophenone	105	4.497	4.497	0.000	92	185166	10.0	10.2	
22 N-Nitrosodi-n-propylamine	70	4.504	4.504	0.000	92	99825	10.0	10.6	
24 4-Methylphenol	108	4.520	4.520	0.000	96	120375	10.0	10.2	
23 3 & 4 Methylphenol	108	4.520	4.520	0.000	64	120375	10.0	10.2	
25 Hexachloroethane	117	4.600	4.600	0.000	91	56558	10.0	10.7	
\$ 27 Nitrobenzene-d5	82	4.644	4.644	0.000	93	139778	10.0	10.3	
28 Nitrobenzene	123	4.660	4.660	0.000	89	59778	10.0	10.1	
29 n,n'-Dimethylaniline	120	4.667	4.667	0.000	93	180275	10.0	10.3	
30 Isophorone	82	4.893	4.893	0.000	98	243890	10.0	10.3	
32 2-Nitrophenol	139	4.973	4.973	0.000	85	64800	10.0	10.3	
33 2,4-Dimethylphenol	122	5.031	5.031	0.000	87	102808	10.0	10.1	

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	5.110	5.110	0.000	99	153928	10.0	10.1	
35 Benzoic acid	122	5.136	5.136	0.000	93	57283	10.0	10.2	
36 2,4-Dichlorophenol	162	5.213	5.213	0.000	94	106111	10.0	9.98	
37 1,2,4-Trichlorobenzene	180	5.286	5.286	0.000	94	120740	10.0	10.2	
* 38 Naphthalene-d8	136	5.337	5.337	0.000	99	262818	8.00	8.00	
39 Naphthalene	128	5.356	5.356	0.000	98	344970	10.0	10.1	
40 4-Chloroaniline	127	5.417	5.417	0.000	95	148440	10.0	10.1	
130 2,6-Dichlorophenol	162	5.427	5.427	0.000	95	107066	NC	NC	
41 Hexachlorobutadiene	225	5.490	5.490	0.000	95	72574	10.0	10.1	
42 Caprolactam	113	5.762	5.762	0.000	87	10732	4.00	4.05	
43 4-Chloro-3-methylphenol	107	5.905	5.905	0.000	97	102150	10.0	10.0	
44 2-Methylnaphthalene	142	6.027	6.027	0.000	84	232933	10.0	9.95	
45 1-Methylnaphthalene	142	6.119	6.119	0.000	92	220012	10.0	9.95	
46 Hexachlorocyclopentadiene	237	6.186	6.186	0.000	97	94885	10.0	10.4	
47 1,2,4,5-Tetrachlorobenzene	216	6.189	6.189	0.000	98	124504	10.0	10.1	
48 2-tertbutyl-4-methylphenol	149	6.237	6.237	0.000	88	139202	10.0	10.1	
49 2,4,6-Trichlorophenol	196	6.304	6.304	0.000	89	78393	10.0	10.8	
50 2,4,5-Trichlorophenol	196	6.343	6.343	0.000	96	83961	10.0	10.3	
\$ 51 2-Fluorobiphenyl	172	6.381	6.381	0.000	97	269339	10.0	10.3	
52 1,1'-Biphenyl	154	6.474	6.474	0.000	97	286350	10.0	10.2	
53 2-Chloronaphthalene	162	6.490	6.490	0.000	98	226471	10.0	10.1	
54 Phenyl ether	170	6.576	6.576	0.000	88	152327	10.0	10.2	
55 2-Nitroaniline	65	6.592	6.592	0.000	94	91963	10.0	10.7	
57 1,3-Dimethylnaphthalene	156	6.701	6.701	0.000	90	164453	10.0	10.2	
59 Dimethyl phthalate	163	6.774	6.774	0.000	97	246589	10.0	9.98	
60 Coumarin	146	6.784	6.784	0.000	79	83335	10.0	9.77	
61 2,6-Dinitrotoluene	165	6.825	6.825	0.000	92	54539	10.0	10.6	
62 Acenaphthylene	152	6.883	6.883	0.000	97	331703	10.0	10.2	
63 3-Nitroaniline	138	6.985	6.985	0.000	92	59755	10.0	10.3	
* 64 Acenaphthene-d10	164	7.017	7.017	0.000	97	140681	8.00	8.00	
66 Acenaphthene	154	7.049	7.049	0.000	97	210702	10.0	10.2	
65 3,5-di-tert-butyl-4-hydrox	205	7.055	7.055	0.000	98	198328	10.0	10.2	
67 2,4-Dinitrophenol	184	7.081	7.081	0.000	91	63641	20.0	22.4	
68 4-Nitrophenol	65	7.173	7.173	0.000	92	97037	20.0	20.4	
69 2,4-Dinitrotoluene	165	7.205	7.205	0.000	92	70951	10.0	10.6	
70 Dibenzofuran	168	7.212	7.212	0.000	96	322759	10.0	10.1	
72 2,3,4,6-Tetrachlorophenol	232	7.339	7.339	0.000	93	66042	10.0	10.1	
73 Diethyl phthalate	149	7.448	7.448	0.000	97	242276	10.0	9.94	
75 Fluorene	166	7.537	7.537	0.000	93	240906	10.0	10.0	
74 4-Chlorophenyl phenyl ethe	204	7.544	7.544	0.000	88	124612	10.0	10.0	
76 4-Nitroaniline	138	7.566	7.566	0.000	95	56337	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.595	7.595	0.000	79	75120	20.0	22.0	
78 N-Nitrosodiphenylamine	169	7.659	7.659	0.000	56	168562	10.0	10.3	
79 1,2-Diphenylhydrazine	77	7.691	7.691	0.000	97	276451	10.0	10.5	
\$ 80 2,4,6-Tribromophenol	330	7.768	7.768	0.000	95	46081	10.0	10.3	
81 4-Bromophenyl phenyl ether	248	8.004	8.004	0.000	87	71185	10.0	10.2	
82 Hexachlorobenzene	284	8.064	8.064	0.000	98	87725	10.0	10.2	
83 Atrazine	200	8.170	8.170	0.000	88	23931	4.00	4.16	
84 Pentachlorophenol	266	8.256	8.256	0.000	94	93463	20.0	21.7	
85 Pentachloronitrobenzene	237	8.266	8.266	0.000	88	34211	10.0	10.4	
86 n-Octadecane	57	8.349	8.349	0.000	92	206271	10.0	11.0	
* 87 Phenanthrene-d10	188	8.419	8.419	0.000	99	230604	8.00	8.00	a

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.442	8.442	0.000	99	335781	10.0	10.2	
89 Anthracene	178	8.489	8.489	0.000	98	343862	10.0	10.3	
90 Carbazole	167	8.649	8.649	0.000	96	289327	10.0	10.2	
91 Di-n-butyl phthalate	149	8.997	8.997	0.000	99	372042	10.0	10.6	
92 Fluoranthene	202	9.568	9.568	0.000	97	322356	10.0	10.2	
93 Benzidine	184	9.702	9.702	0.000	99	131647	10.0	10.1	
94 Pyrene	202	9.779	9.779	0.000	96	329502	10.0	10.5	
95 Bisphenol-A	213	9.849	9.849	0.000	98	122445	10.0	10.5	
\$ 96 Terphenyl-d14	244	9.939	9.939	0.000	100	221832	10.0	10.4	
97 Butyl benzyl phthalate	149	10.427	10.427	0.000	98	129348	10.0	10.7	
98 2,3,7,8-TCDD	320	10.513	10.513	0.000	87	356	0.1000	0.1000	
99 Carbamazepine	193	10.529	10.529	0.000	92	104619	10.0	10.8	
100 3,3'-Dichlorobenzidine	252	10.992	10.992	0.000	99	103712	10.0	10.6	
101 Benzo[a]anthracene	228	11.008	11.008	0.000	100	270856	10.0	10.1	
* 102 Chrysene-d12	240	11.018	11.018	0.000	98	161939	8.00	8.00	
104 Chrysene	228	11.050	11.050	0.000	98	266551	10.0	10.1	
103 Bis(2-ethylhexyl) phthalat	149	11.085	11.085	0.000	88	195001	10.0	11.2	
105 Di-n-octyl phthalate	149	11.911	11.911	0.000	97	295260	10.0	10.8	
106 Benzo[b]fluoranthene	252	12.374	12.374	0.000	98	245495	10.0	10.5	
107 Benzo[k]fluoranthene	252	12.410	12.410	0.000	99	247846	10.0	10.1	
108 Benzo[a]pyrene	252	12.815	12.815	0.000	96	219862	10.0	10.7	
* 109 Perylene-d12	264	12.895	12.895	0.000	99	167986	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.402	14.402	0.000	99	230621	10.0	10.3	
111 Dibenz(a,h)anthracene	278	14.441	14.441	0.000	98	243184	10.0	10.9	
112 Benzo[g,h,i]perylene	276	14.802	14.802	0.000	97	246979	10.0	9.91	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL6_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132028.D

Injection Date: 20-Apr-2020 11:12:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: icis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

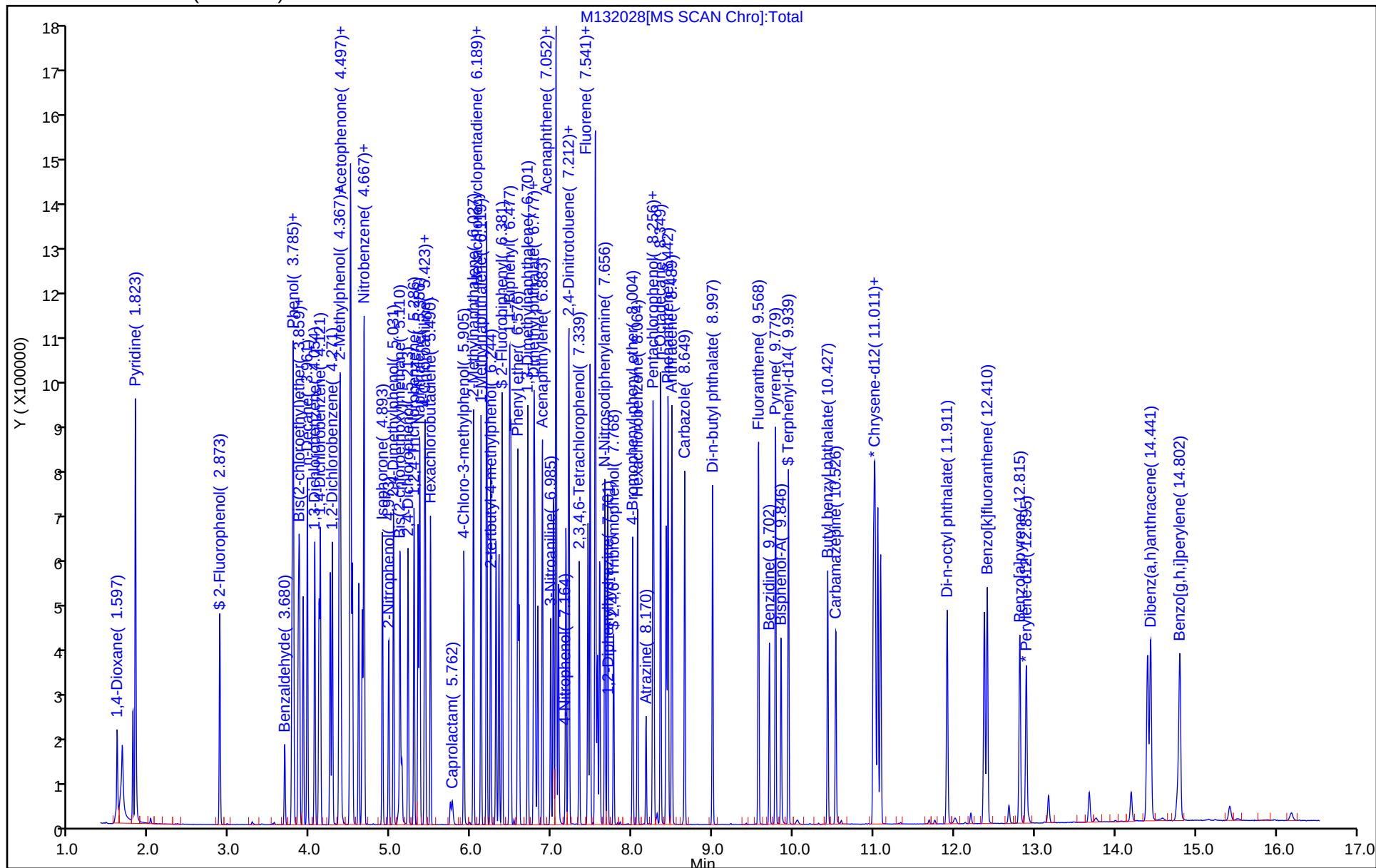
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

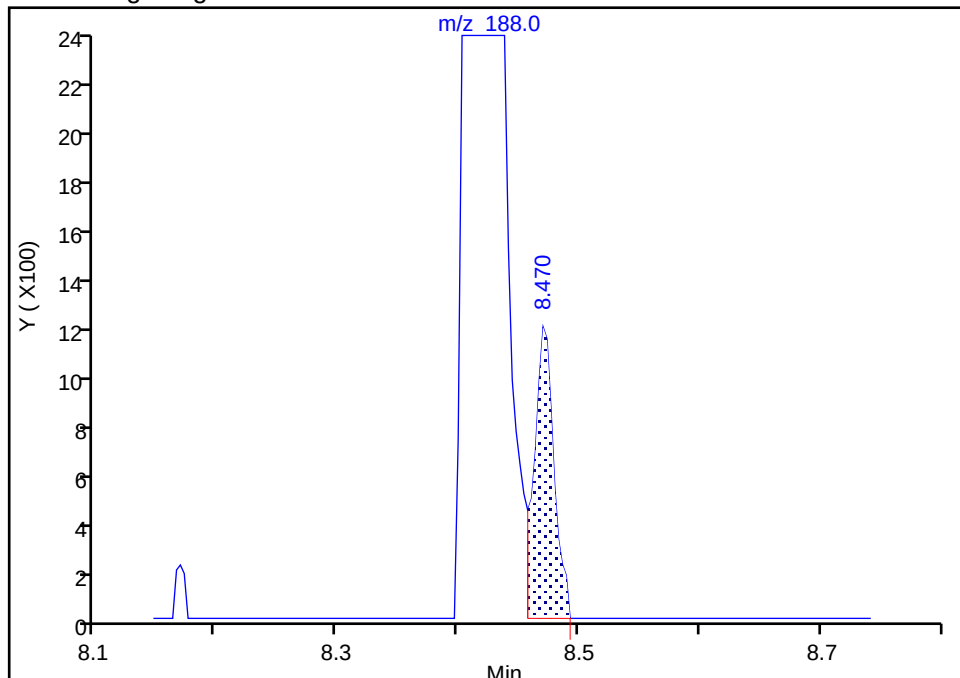
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Injection Date: 20-Apr-2020 11:12:30 Instrument ID: CBNAMS17
Lims ID: icis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

* 87 Phenanthrene-d10, CAS: 1517-22-2

Signal: 1

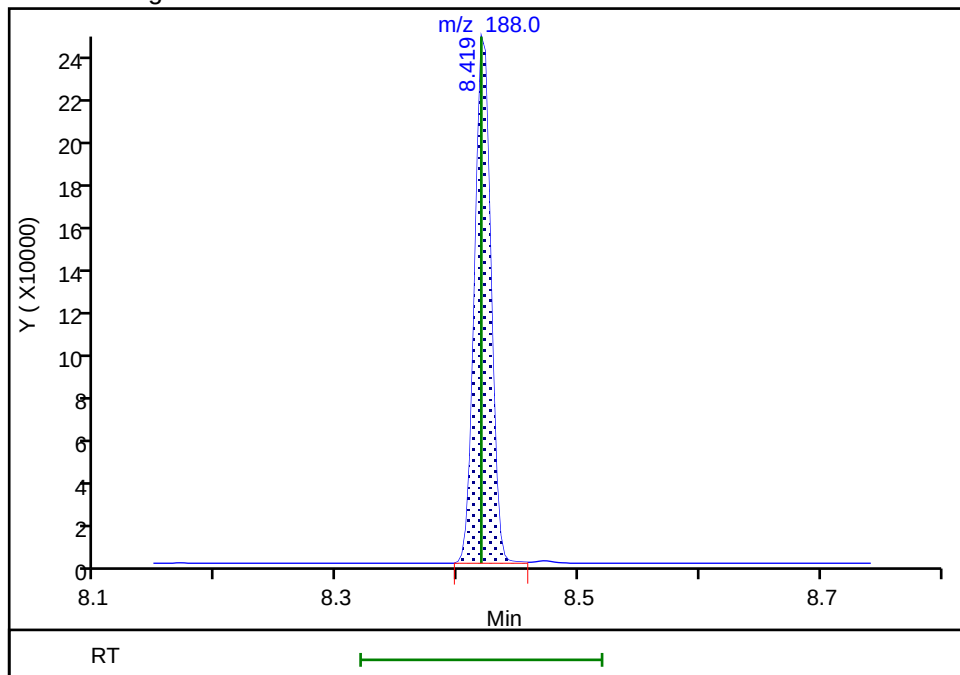
RT: 8.47
Area: 1318
Amount: 8.000000
Amount Units: ug/ml

Processing Integration Results



RT: 8.42
Area: 230604
Amount: 8.000000
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 11:47:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132029.D
 Lims ID: STD24
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 20-Apr-2020 11:33:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-003
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:32 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 12:07:39

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	1.584	1.597	-0.013	97	109373	24.0	20.9	
2 N-Nitrosodimethylamine	74	1.782	1.795	-0.013	80	179501	24.0	23.6	
3 Pyridine	79	1.811	1.823	-0.012	85	599577	48.0	46.4	
\$ 4 2-Fluorophenol	112	2.864	2.873	-0.009	92	283924	24.0	25.1	
5 Benzaldehyde	77	3.674	3.680	-0.006	93	14417	6.40	1.37	
\$ 6 Phenol-d5	99	3.773	3.769	0.004	96	358888	24.0	24.8	
7 Phenol	94	3.786	3.782	0.004	83	400102	24.0	23.9	
8 Aniline	93	3.786	3.789	-0.003	84	465348	24.0	23.8	
9 Bis(2-chloroethyl)ether	93	3.846	3.849	-0.003	91	279626	24.0	24.0	
10 Benzonitrile	103	3.862	3.862	0.000	99	576911	NC	NC	
11 2-Chlorophenol	128	3.907	3.910	-0.003	92	279672	24.0	24.0	
12 n-Decane	43	3.958	3.961	-0.003	93	362769	24.0	23.3	
13 1,3-Dichlorobenzene	146	4.051	4.054	-0.003	94	332839	24.0	23.5	
* 14 1,4-Dichlorobenzene-d4	152	4.102	4.105	-0.003	97	68982	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.121	4.124	-0.003	93	336112	24.0	23.3	
16 Benzyl alcohol	108	4.245	4.245	0.000	91	185711	24.0	24.4	
17 1,2-Dichlorobenzene	146	4.268	4.271	-0.003	95	318517	24.0	23.3	
18 2-Methylphenol	108	4.370	4.367	0.003	88	265239	24.0	23.8	
19 2,2'-oxybis[1-chloropropan	45	4.373	4.376	-0.003	92	500241	24.0	23.0	
20 N-Methylaniline	106	4.491	4.491	0.000	96	481662	24.0	25.2	a
21 Acetophenone	105	4.501	4.497	0.004	94	437129	24.0	23.6	
22 N-Nitrosodi-n-propylamine	70	4.507	4.504	0.003	92	231052	24.0	24.0	
24 4-Methylphenol	108	4.523	4.520	0.003	96	279276	24.0	23.3	
23 3 & 4 Methylphenol	108	4.523	4.520	0.003	64	280721	24.0	23.4	
25 Hexachloroethane	117	4.597	4.600	-0.003	92	134925	24.0	25.1	
\$ 27 Nitrobenzene-d5	82	4.645	4.644	0.001	93	338522	24.0	25.0	
28 Nitrobenzene	123	4.664	4.660	0.004	89	140901	24.0	23.4	
29 n,n'-Dimethylaniline	120	4.670	4.667	0.003	93	445181	24.0	24.9	
30 Isophorone	82	4.897	4.893	0.004	98	561075	24.0	23.9	
32 2-Nitrophenol	139	4.970	4.973	-0.003	85	153630	24.0	24.7	
33 2,4-Dimethylphenol	122	5.034	5.031	0.003	88	240773	24.0	23.8	

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	5.114	5.110	0.004	95	353874	24.0	23.3	
35 Benzoic acid	122	5.171	5.136	0.035	91	149067	24.0	26.7	
36 2,4-Dichlorophenol	162	5.213	5.213	0.000	94	253815	24.0	24.1	
37 1,2,4-Trichlorobenzene	180	5.286	5.286	0.000	94	288051	24.0	24.5	
* 38 Naphthalene-d8	136	5.338	5.337	0.001	99	260738	8.00	8.00	
39 Naphthalene	128	5.357	5.356	0.001	98	804187	24.0	23.8	
40 4-Chloroaniline	127	5.421	5.417	0.004	95	347431	24.0	23.7	
130 2,6-Dichlorophenol	162	5.430	5.427	0.003	96	253745	NC	NC	
41 Hexachlorobutadiene	225	5.491	5.490	0.001	96	173437	24.0	24.4	
42 Caprolactam	113	5.807	5.762	0.045	86	16791	6.40	6.39	M
43 4-Chloro-3-methylphenol	107	5.909	5.905	0.004	98	240077	24.0	23.8	
44 2-Methylnaphthalene	142	6.027	6.027	0.000	84	547985	24.0	23.6	
45 1-Methylnaphthalene	142	6.120	6.119	0.001	92	505096	24.0	23.0	
46 Hexachlorocyclopentadiene	237	6.187	6.186	0.001	97	228773	24.0	25.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.190	6.189	0.001	97	297362	24.0	24.6	
48 2-tertbutyl-4-methylphenol	149	6.241	6.237	0.004	88	343760	24.0	25.2	
49 2,4,6-Trichlorophenol	196	6.305	6.304	0.001	89	182420	24.0	25.5	
50 2,4,5-Trichlorophenol	196	6.344	6.343	0.001	96	194746	24.0	24.3	
\$ 51 2-Fluorobiphenyl	172	6.385	6.381	0.004	97	648543	24.0	25.2	
52 1,1'-Biphenyl	154	6.478	6.474	0.004	97	653460	24.0	23.6	
53 2-Chloronaphthalene	162	6.491	6.490	0.001	98	532001	24.0	24.1	
54 Phenyl ether	170	6.577	6.576	0.001	88	367099	24.0	24.9	
55 2-Nitroaniline	65	6.596	6.592	0.004	95	174226	24.0	20.6	
57 1,3-Dimethylnaphthalene	156	6.702	6.701	0.001	90	395303	24.0	25.0	
59 Dimethyl phthalate	163	6.781	6.774	0.007	98	568902	24.0	23.4	
60 Coumarin	146	6.788	6.784	0.004	78	198959	24.0	23.5	
61 2,6-Dinitrotoluene	165	6.829	6.825	0.004	92	123950	24.0	24.4	
62 Acenaphthylene	152	6.884	6.883	0.001	97	760655	24.0	23.8	
63 3-Nitroaniline	138	6.989	6.985	0.004	92	135602	24.0	23.6	
* 64 Acenaphthene-d10	164	7.018	7.017	0.001	97	138408	8.00	8.00	
66 Acenaphthene	154	7.050	7.049	0.001	97	480011	24.0	23.5	
65 3,5-di-tert-butyl-4-hydrox	205	7.056	7.055	0.001	98	485810	24.0	25.5	
67 2,4-Dinitrophenol	184	7.088	7.081	0.007	92	153188	48.0	54.8	
68 4-Nitrophenol	65	7.181	7.173	0.008	92	214414	48.0	45.8	
69 2,4-Dinitrotoluene	165	7.210	7.205	0.005	93	162492	24.0	24.7	
70 Dibenzofuran	168	7.216	7.212	0.004	95	719325	24.0	22.9	
72 2,3,4,6-Tetrachlorophenol	232	7.341	7.339	0.002	94	156706	24.0	24.5	
73 Diethyl phthalate	149	7.453	7.448	0.005	98	557674	24.0	23.3	
75 Fluorene	166	7.539	7.537	0.002	94	551317	24.0	23.3	
74 4-Chlorophenyl phenyl ethe	204	7.542	7.544	-0.002	88	288787	24.0	23.6	
76 4-Nitroaniline	138	7.577	7.566	0.011	93	124091	24.0	22.7	
77 4,6-Dinitro-2-methylphenol	198	7.600	7.595	0.005	83	180073	48.0	53.8	
78 N-Nitrosodiphenylamine	169	7.661	7.659	0.001	56	384372	24.0	23.9	
79 1,2-Diphenylhydrazine	77	7.696	7.691	0.005	97	621370	24.0	24.0	
\$ 80 2,4,6-Tribromophenol	330	7.769	7.768	0.001	94	114692	24.0	26.0	
81 4-Bromophenyl phenyl ether	248	8.006	8.004	0.002	88	165452	24.0	24.3	
82 Hexachlorobenzene	284	8.066	8.064	0.002	97	210017	24.0	24.8	
83 Atrazine	200	8.172	8.170	0.002	89	36447	6.40	6.47	
84 Pentachlorophenol	266	8.258	8.256	0.002	95	235573	48.0	55.7	
85 Pentachloronitrobenzene	237	8.268	8.266	0.002	89	83859	24.0	26.1	
86 n-Octadecane	57	8.351	8.349	0.002	92	459067	24.0	24.9	
* 87 Phenanthrene-d10	188	8.421	8.419	0.002	99	226003	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
88 Phenanthrene	178	8.447	8.442	0.005	99	744261	24.0	23.1	
89 Anthracene	178	8.495	8.489	0.006	98	772411	24.0	23.6	
90 Carbazole	167	8.651	8.649	0.002	96	646899	24.0	23.4	
91 Di-n-butyl phthalate	149	8.996	8.997	-0.001	99	850296	24.0	24.7	
92 Fluoranthene	202	9.567	9.568	-0.001	97	731824	24.0	23.6	
93 Benzidine	184	9.704	9.702	0.002	99	328457	24.0	23.9	
94 Pyrene	202	9.781	9.779	0.002	96	745978	24.0	22.1	
95 Bisphenol-A	213	9.848	9.849	-0.001	98	319399	24.0	25.5	
\$ 96 Terphenyl-d14	244	9.941	9.939	0.002	100	544103	24.0	23.6	
97 Butyl benzyl phthalate	149	10.429	10.427	0.002	98	316046	24.0	24.3	
99 Carbamazepine	193	10.535	10.529	0.006	92	300818	24.0	28.9	
100 3,3'-Dichlorobenzidine	252	10.998	10.992	0.006	99	280999	24.0	26.7	
101 Benzo[a]anthracene	228	11.011	11.008	0.003	100	682741	24.0	23.7	
* 102 Chrysene-d12	240	11.023	11.018	0.005	99	174318	8.00	8.00	
104 Chrysene	228	11.056	11.050	0.006	98	665992	24.0	23.5	
103 Bis(2-ethylhexyl) phthalat	149	11.084	11.085	-0.001	87	485348	24.0	25.8	
105 Di-n-octyl phthalate	149	11.914	11.911	0.003	97	796295	24.0	24.3	
106 Benzo[b]fluoranthene	252	12.380	12.374	0.006	99	673528	24.0	24.1	
107 Benzo[k]fluoranthene	252	12.419	12.410	0.009	99	722712	24.0	24.5	
108 Benzo[a]pyrene	252	12.821	12.815	0.006	96	623750	24.0	25.4	
* 109 Perylene-d12	264	12.898	12.895	0.003	98	201647	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.415	14.402	0.013	99	740726	24.0	27.7	
111 Dibenz(a,h)anthracene	278	14.454	14.441	0.013	98	704834	24.0	26.3	
112 Benzo[g,h,i]perylene	276	14.821	14.802	0.019	97	755045	24.0	25.2	
S 119 Total Cresols	1				0			47.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132029.D

Injection Date: 20-Apr-2020 11:33:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD24

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

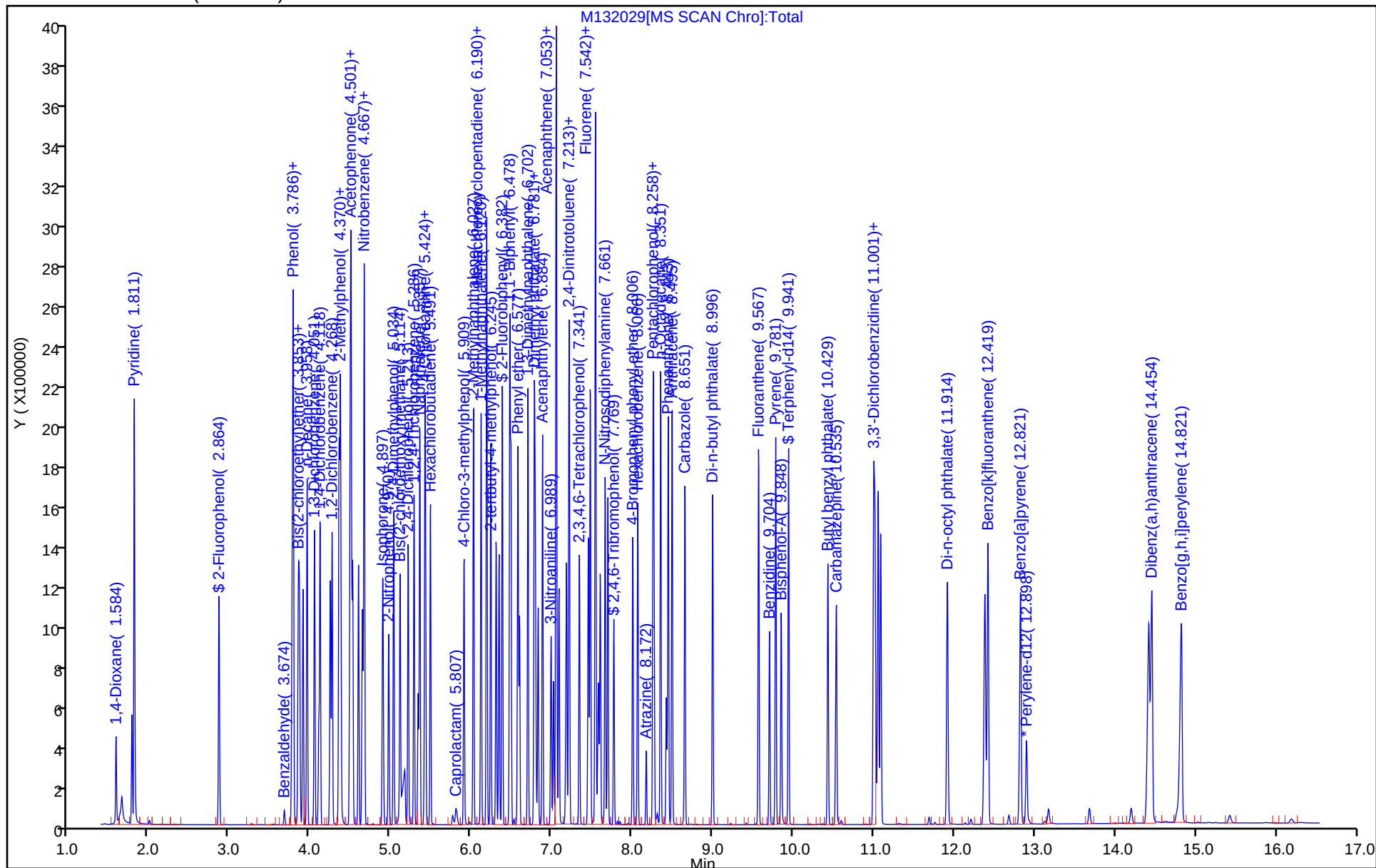
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\132029.D
Injection Date: 20-Apr-2020 11:33:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

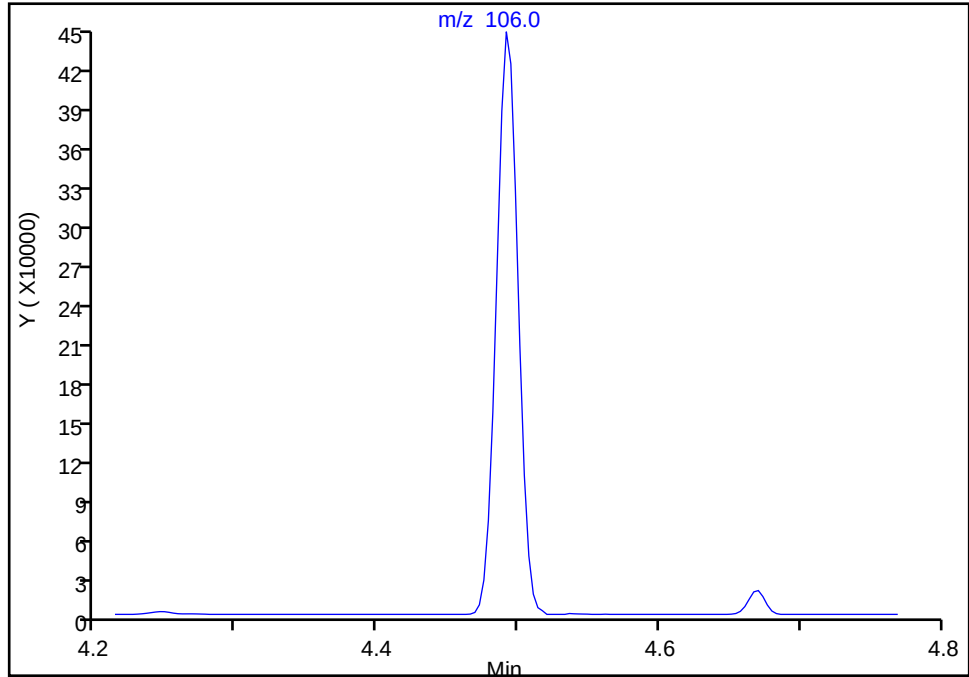
ALS Bottle#: 3 Worklist Smp#: 3
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

20 N-Methylaniline, CAS: 100-61-8

Signal: 1

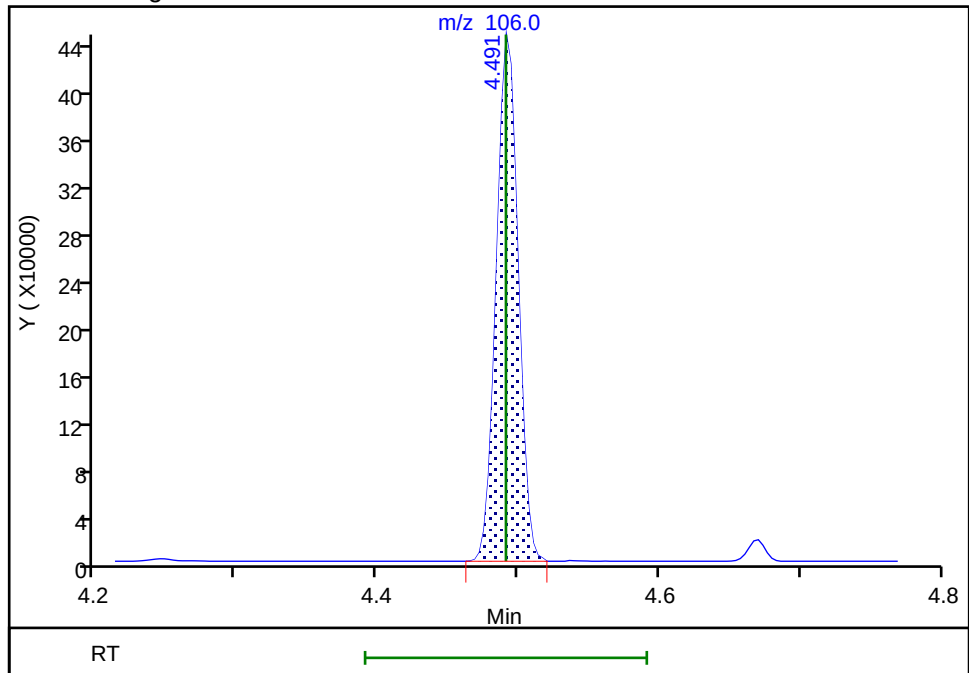
Not Detected
Expected RT: 4.49

Processing Integration Results



RT: 4.49
Area: 481662
Amount: 25.167111
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 12:06:49
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
Page 601 of 684

07/09/2020

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132029.D
Injection Date: 20-Apr-2020 11:33:30 Instrument ID: CBNAMS17
Lims ID: STD24
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

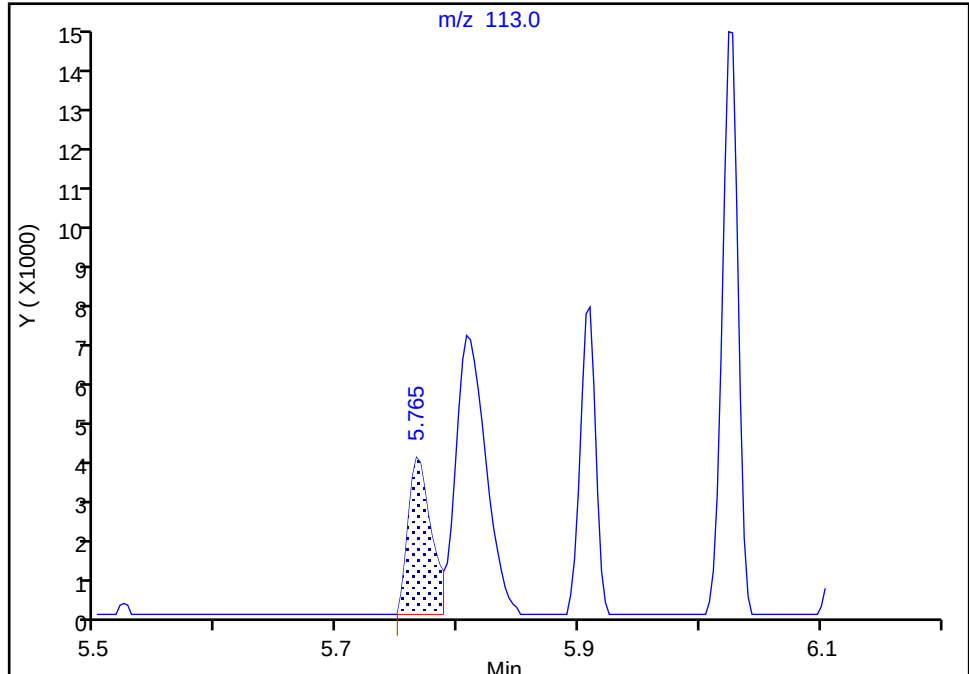
ALS Bottle#: 3 Worklist Smp#: 3
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

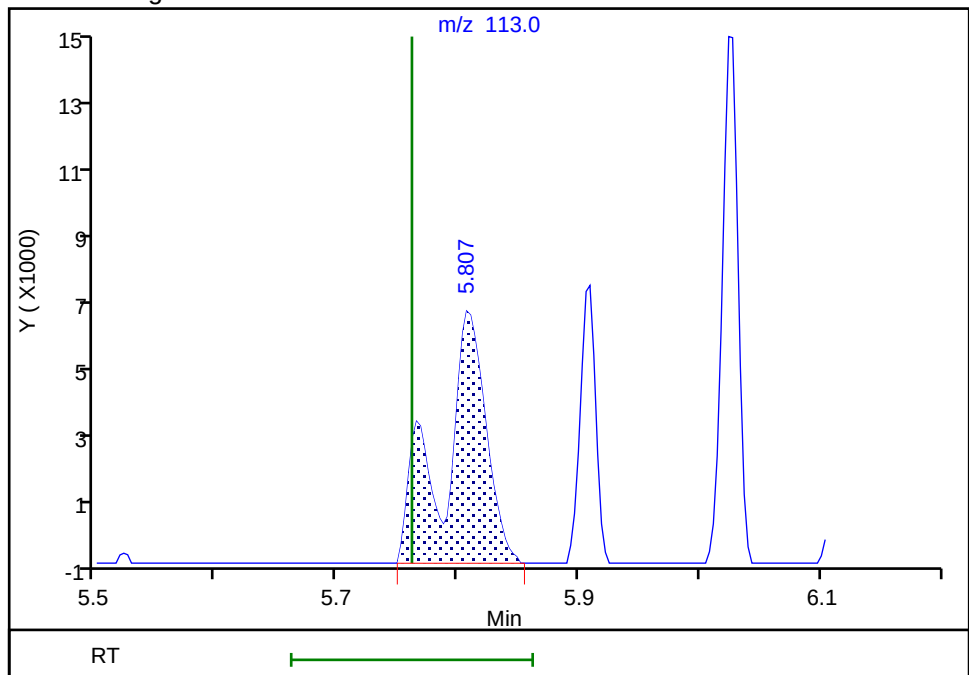
RT: 5.77
Area: 5086
Amount: 2.942901
Amount Units: ug/ml

Processing Integration Results



RT: 5.81
Area: 16791
Amount: 6.390232
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 12:07:12
Audit Action: Manually Integrated

Audit Reason: Split Peak
Page 602 of 684

07/09/2020

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132030.D
 Lims ID: STD16
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 20-Apr-2020 11:54:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-004
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:38 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 12:23:58

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	1.587	1.597	-0.010	98	70436	16.0	14.2	
2 N-Nitrosodimethylamine	74	1.785	1.795	-0.010	81	115395	16.0	16.0	
3 Pyridine	79	1.814	1.823	-0.009	85	385316	32.0	31.5	
\$ 4 2-Fluorophenol	112	2.870	2.873	-0.003	92	179335	16.0	16.8	
5 Benzaldehyde	77	3.680	3.680	0.000	93	25975	4.80	2.62	
\$ 6 Phenol-d5	99	3.773	3.769	0.004	96	227094	16.0	16.6	
7 Phenol	94	3.785	3.782	0.003	98	254590	16.0	16.1	
8 Aniline	93	3.789	3.789	0.000	98	299297	16.0	16.2	
9 Bis(2-chloroethyl)ether	93	3.849	3.849	0.000	93	177707	16.0	16.1	
10 Benzonitrile	103	3.862	3.862	0.000	99	364520	NC	NC	
11 2-Chlorophenol	128	3.910	3.910	0.000	91	176599	16.0	16.0	
12 n-Decane	43	3.961	3.961	0.000	92	226324	16.0	15.4	
13 1,3-Dichlorobenzene	146	4.054	4.054	0.000	94	211546	16.0	15.8	
* 14 1,4-Dichlorobenzene-d4	152	4.105	4.105	0.000	97	65189	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.121	4.124	-0.003	93	216640	16.0	15.9	
16 Benzyl alcohol	108	4.245	4.245	0.000	90	118072	16.0	16.4	
17 1,2-Dichlorobenzene	146	4.271	4.271	0.000	95	204072	16.0	15.8	
18 2-Methylphenol	108	4.370	4.367	0.003	87	169660	16.0	16.1	
19 2,2'-oxybis[1-chloropropan	45	4.376	4.376	0.000	92	319687	16.0	15.6	
20 N-Methylaniline	106	4.491	4.491	0.000	94	302978	16.0	16.8	
21 Acetophenone	105	4.501	4.497	0.004	92	279526	16.0	16.0	
22 N-Nitrosodi-n-propylamine	70	4.504	4.504	0.000	92	150350	16.0	16.5	
24 4-Methylphenol	108	4.520	4.520	0.000	96	182925	16.0	16.2	
23 3 & 4 Methylphenol	108	4.520	4.520	0.000	62	182925	16.0	16.2	
25 Hexachloroethane	117	4.596	4.600	-0.004	93	84953	16.0	16.7	
\$ 27 Nitrobenzene-d5	82	4.644	4.644	0.000	92	214279	16.0	16.6	
28 Nitrobenzene	123	4.663	4.660	0.003	89	90647	16.0	16.0	
29 n,n'-Dimethylaniline	120	4.667	4.667	0.000	93	276986	16.0	16.4	
30 Isophorone	82	4.893	4.893	0.000	98	364127	16.0	16.2	
32 2-Nitrophenol	139	4.970	4.973	-0.003	85	98948	16.0	16.6	
33 2,4-Dimethylphenol	122	5.031	5.031	-0.001	88	156638	16.0	16.2	

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	5.110	5.110	0.000	97	228383	16.0	15.7	
35 Benzoic acid	122	5.152	5.136	0.016	91	97585	16.0	18.2	
36 2,4-Dichlorophenol	162	5.213	5.213	0.000	94	163430	16.0	16.2	
37 1,2,4-Trichlorobenzene	180	5.286	5.286	0.000	94	184357	16.0	16.4	
* 38 Naphthalene-d8	136	5.337	5.337	0.000	100	249434	8.00	8.00	
39 Naphthalene	128	5.356	5.356	0.000	98	518017	16.0	16.0	
40 4-Chloroaniline	127	5.420	5.417	0.003	95	224391	16.0	16.0	
130 2,6-Dichlorophenol	162	5.427	5.427	0.000	96	162713	NC	NC	
41 Hexachlorobutadiene	225	5.490	5.490	0.000	95	108923	16.0	16.0	
42 Caprolactam	113	5.781	5.762	0.019	84	13006	4.80	5.17	M
43 4-Chloro-3-methylphenol	107	5.905	5.905	0.000	97	154847	16.0	16.0	
44 2-Methylnaphthalene	142	6.023	6.027	-0.004	84	352401	16.0	15.9	
45 1-Methylnaphthalene	142	6.119	6.119	0.000	92	330022	16.0	15.7	
46 Hexachlorocyclopentadiene	237	6.186	6.186	0.000	97	148707	16.0	17.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.190	6.189	0.001	97	191064	16.0	16.3	
48 2-tertbutyl-4-methylphenol	149	6.238	6.237	0.001	88	214890	16.0	16.5	
49 2,4,6-Trichlorophenol	196	6.305	6.304	0.001	89	118865	16.0	17.1	
50 2,4,5-Trichlorophenol	196	6.340	6.343	-0.003	96	127583	16.0	16.4	
\$ 51 2-Fluorobiphenyl	172	6.381	6.381	0.000	97	414042	16.0	16.6	
52 1,1'-Biphenyl	154	6.474	6.474	0.000	97	426126	16.0	15.9	
53 2-Chloronaphthalene	162	6.490	6.490	0.000	98	342733	16.0	16.1	
54 Phenyl ether	170	6.576	6.576	0.000	88	236041	16.0	16.5	
55 2-Nitroaniline	65	6.592	6.592	0.000	96	136070	16.0	16.6	
57 1,3-Dimethylnaphthalene	156	6.701	6.701	0.000	90	248522	16.0	16.2	
59 Dimethyl phthalate	163	6.777	6.774	0.003	98	373985	16.0	15.9	
60 Coumarin	146	6.784	6.784	0.000	78	126995	16.0	15.7	
61 2,6-Dinitrotoluene	165	6.825	6.825	0.000	92	82743	16.0	16.8	
62 Acenaphthylene	152	6.883	6.883	0.000	97	496779	16.0	16.0	
63 3-Nitroaniline	138	6.985	6.985	0.000	91	89858	16.0	16.2	
* 64 Acenaphthene-d10	164	7.017	7.017	0.000	97	134137	8.00	8.00	
66 Acenaphthene	154	7.049	7.049	0.000	97	316111	16.0	16.0	
65 3,5-di-tert-butyl-4-hydrox	205	7.055	7.055	0.000	98	307954	16.0	16.7	
67 2,4-Dinitrophenol	184	7.084	7.081	0.003	92	99147	32.0	36.6	
68 4-Nitrophenol	65	7.177	7.173	0.004	92	144742	32.0	31.9	
69 2,4-Dinitrotoluene	165	7.206	7.205	0.001	92	107503	16.0	16.8	
70 Dibenzofuran	168	7.212	7.212	0.000	96	475348	16.0	15.6	
72 2,3,4,6-Tetrachlorophenol	232	7.340	7.339	0.001	94	101547	16.0	16.4	
73 Diethyl phthalate	149	7.448	7.448	0.000	97	362764	16.0	15.6	
75 Fluorene	166	7.538	7.537	0.001	93	363890	16.0	15.9	
74 4-Chlorophenyl phenyl ethe	204	7.541	7.544	-0.003	88	188203	16.0	15.9	
76 4-Nitroaniline	138	7.570	7.566	0.004	93	84215	16.0	15.9	
77 4,6-Dinitro-2-methylphenol	198	7.595	7.595	0.000	81	116431	32.0	35.7	
78 N-Nitrosodiphenylamine	169	7.659	7.659	0.000	56	255179	16.0	16.3	
79 1,2-Diphenylhydrazine	77	7.691	7.691	0.000	98	410225	16.0	16.3	
\$ 80 2,4,6-Tribromophenol	330	7.768	7.768	0.000	95	73672	16.0	17.2	
81 4-Bromophenyl phenyl ether	248	8.004	8.004	0.000	88	109122	16.0	16.4	
82 Hexachlorobenzene	284	8.065	8.064	0.001	97	138475	16.0	16.8	
83 Atrazine	200	8.170	8.170	0.000	89	28045	4.80	5.11	
84 Pentachlorophenol	266	8.257	8.256	0.001	94	150934	32.0	36.6	
85 Pentachloronitrobenzene	237	8.266	8.266	0.000	89	53692	16.0	17.1	
86 n-Octadecane	57	8.349	8.349	0.000	93	296459	16.0	16.5	
* 87 Phenanthrene-d10	188	8.420	8.419	0.001	99	220335	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
88 Phenanthrene	178	8.442	8.442	0.000	99	501225	16.0	16.0	
89 Anthracene	178	8.490	8.489	0.001	98	510845	16.0	16.0	
90 Carbazole	167	8.650	8.649	0.001	96	429223	16.0	15.9	
91 Di-n-butyl phthalate	149	8.994	8.997	-0.003	99	558669	16.0	16.6	
92 Fluoranthene	202	9.566	9.568	-0.002	97	485386	16.0	16.0	
93 Benzidine	184	9.703	9.702	0.001	99	210596	16.0	16.1	
94 Pyrene	202	9.779	9.779	0.000	96	504291	16.0	15.5	
95 Bisphenol-A	213	9.847	9.849	-0.002	98	202345	16.0	16.8	
\$ 96 Terphenyl-d14	244	9.939	9.939	0.000	100	357662	16.0	16.1	
97 Butyl benzyl phthalate	149	10.428	10.427	0.001	98	207717	16.0	16.6	
99 Carbamazepine	193	10.530	10.529	0.001	93	184194	16.0	18.4	
100 3,3'-Dichlorobenzidine	252	10.993	10.992	0.001	100	178771	16.0	17.7	
101 Benzo[a]anthracene	228	11.009	11.008	0.001	100	443570	16.0	16.0	
* 102 Chrysene-d12	240	11.018	11.018	0.000	99	167693	8.00	8.00	
104 Chrysene	228	11.050	11.050	0.000	98	429502	16.0	15.7	
103 Bis(2-ethylhexyl) phthalat	149	11.082	11.085	-0.003	88	311836	16.0	17.3	
105 Di-n-octyl phthalate	149	11.912	11.911	0.001	97	494571	16.0	16.4	
106 Benzo[b]fluoranthene	252	12.375	12.374	0.001	98	431997	16.0	16.8	
107 Benzo[k]fluoranthene	252	12.414	12.410	0.004	99	442784	16.0	16.3	
108 Benzo[a]pyrene	252	12.819	12.815	0.004	96	386626	16.0	17.1	
* 109 Perylene-d12	264	12.896	12.895	0.001	99	185479	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.406	14.402	0.004	99	441059	16.0	17.9	
111 Dibenz(a,h)anthracene	278	14.445	14.441	0.004	98	450763	16.0	18.3	
112 Benzo[g,h,i]perylene	276	14.809	14.802	0.007	97	476549	16.0	17.3	
S 119 Total Cresols	1				0			32.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132030.D

Injection Date: 20-Apr-2020 11:54:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD16

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

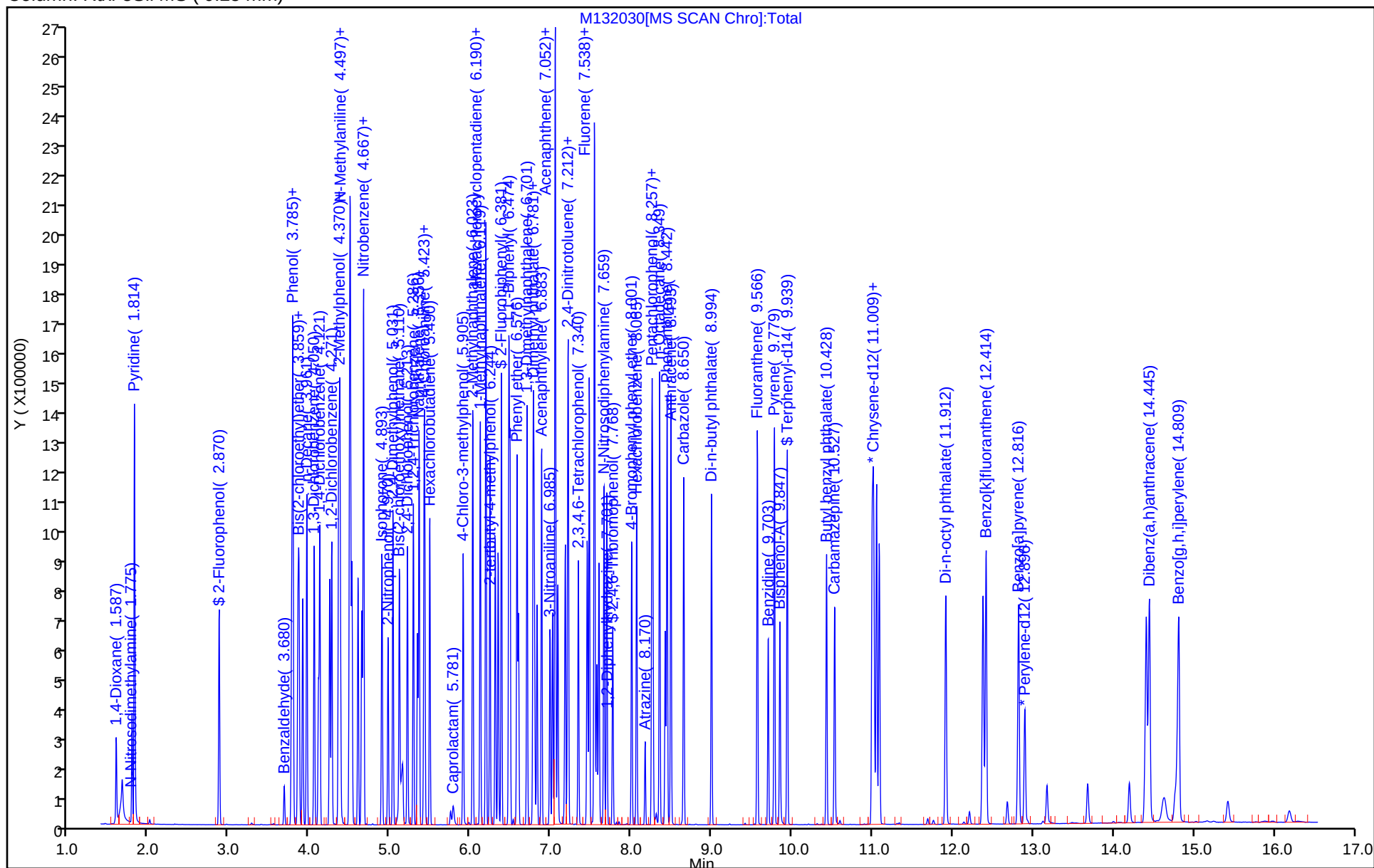
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\132030.D
Injection Date: 20-Apr-2020 11:54:30 Instrument ID: CBNAMS17
Lims ID: STD16
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

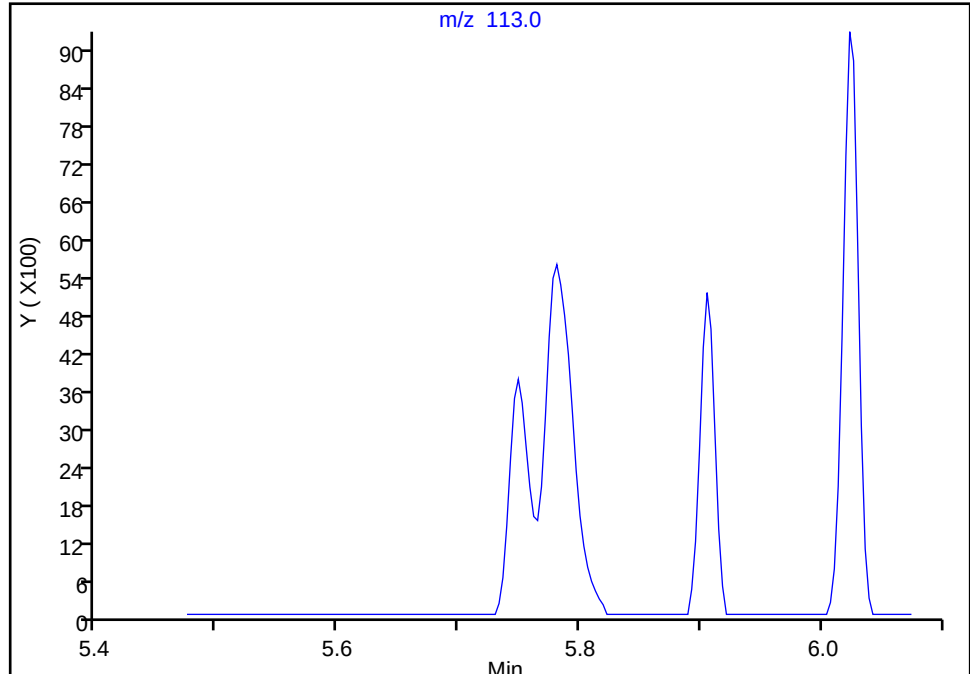
ALS Bottle#: 4 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

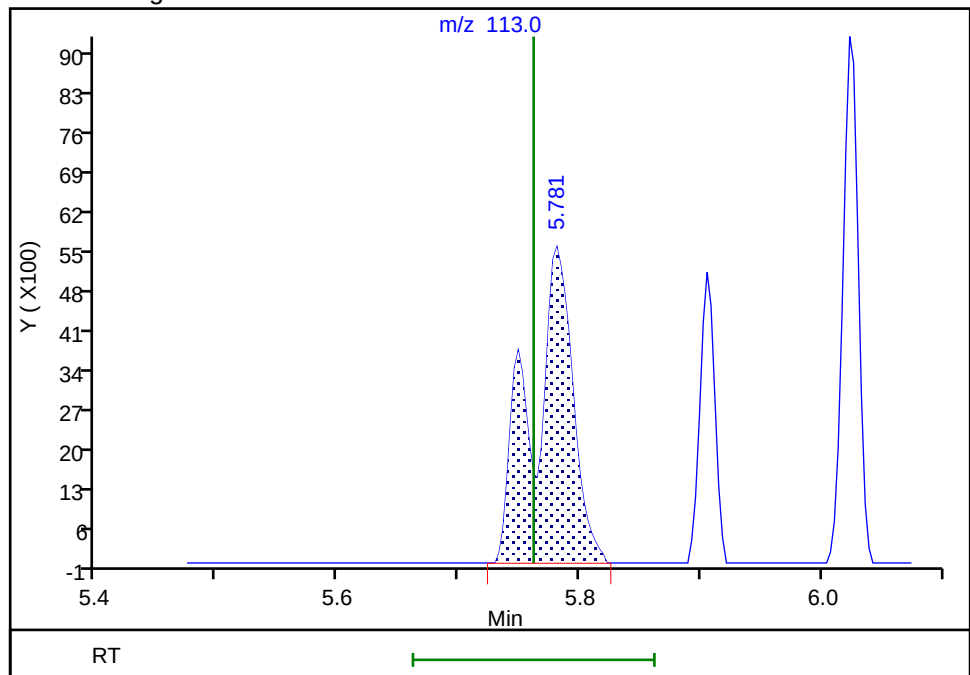
Not Detected
Expected RT: 5.76

Processing Integration Results



RT: 5.78
Area: 13006
Amount: 5.174072
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 12:23:34
Audit Action: Manually Integrated

Audit Reason: Missed Peak
Page 607 of 684

07/09/2020

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132031.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 20-Apr-2020 12:16:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-005
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:44 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 12:49:35

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	1.587	1.597	-0.010	98	21313	4.00	4.05	
2 N-Nitrosodimethylamine	74	1.782	1.795	-0.013	80	31014	4.00	4.05	
3 Pyridine	79	1.814	1.823	-0.009	84	102480	8.00	7.88	
\$ 4 2-Fluorophenol	112	2.863	2.873	-0.010	91	44389	4.00	3.90	
5 Benzaldehyde	77	3.671	3.680	-0.009	93	35344	3.20	3.34	
\$ 6 Phenol-d5	99	3.760	3.769	-0.009	96	56288	4.00	3.87	
7 Phenol	94	3.773	3.782	-0.009	92	67747	4.00	4.03	
8 Aniline	93	3.779	3.789	-0.010	92	78818	4.00	4.01	
9 Bis(2-chloroethyl)ether	93	3.840	3.849	-0.009	94	47944	4.00	4.09	
10 Benzonitrile	103	3.852	3.862	-0.010	99	97100	NC	NC	
11 2-Chlorophenol	128	3.900	3.910	-0.010	91	46900	4.00	4.00	
12 n-Decane	43	3.955	3.961	-0.006	92	61266	4.00	3.92	
13 1,3-Dichlorobenzene	146	4.047	4.054	-0.007	95	56959	4.00	4.00	
* 14 1,4-Dichlorobenzene-d4	152	4.101	4.105	-0.004	97	69372	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.117	4.124	-0.007	95	57974	4.00	4.00	
16 Benzyl alcohol	108	4.239	4.245	-0.006	90	31152	4.00	4.07	
17 1,2-Dichlorobenzene	146	4.267	4.271	-0.004	95	54454	4.00	3.96	
18 2-Methylphenol	108	4.360	4.367	-0.007	86	44574	4.00	3.97	
19 2,2'-oxybis[1-chloropropan	45	4.373	4.376	-0.003	92	86848	4.00	3.97	
20 N-Methylaniline	106	4.484	4.491	-0.007	97	79932	4.00	4.15	
21 Acetophenone	105	4.491	4.497	-0.006	95	74497	4.00	4.00	
22 N-Nitrosodi-n-propylamine	70	4.497	4.504	-0.007	93	40638	4.00	4.20	
24 4-Methylphenol	108	4.513	4.520	-0.007	96	48778	4.00	4.05	
23 3 & 4 Methylphenol	108	4.513	4.520	-0.007	64	48778	4.00	4.05	
25 Hexachloroethane	117	4.593	4.600	-0.007	92	22237	4.00	4.11	
\$ 27 Nitrobenzene-d5	82	4.638	4.644	-0.006	92	54007	4.00	3.90	
28 Nitrobenzene	123	4.657	4.660	-0.003	90	23991	4.00	4.00	
29 n,n'-Dimethylaniline	120	4.663	4.667	-0.004	93	72076	4.00	4.02	
30 Isophorone	82	4.887	4.893	-0.006	98	99929	4.00	4.15	
32 2-Nitrophenol	139	4.970	4.973	-0.003	85	25622	4.00	4.01	
33 2,4-Dimethylphenol	122	5.027	5.031	-0.004	88	42206	4.00	4.06	

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	5.107	5.110	-0.003	96	62138	4.00	3.99	
35 Benzoic acid	122	5.110	5.136	-0.026	91	24481	4.00	4.27	
36 2,4-Dichlorophenol	162	5.209	5.213	-0.004	94	43717	4.00	4.04	
37 1,2,4-Trichlorobenzene	180	5.282	5.286	-0.004	94	48727	4.00	4.04	
* 38 Naphthalene-d8	136	5.333	5.337	-0.004	99	267424	8.00	8.00	
39 Naphthalene	128	5.353	5.356	-0.003	98	139083	4.00	4.01	
40 4-Chloroaniline	127	5.413	5.417	-0.004	96	60354	4.00	4.02	
130 2,6-Dichlorophenol	162	5.423	5.427	-0.004	96	44008	NC	NC	
41 Hexachlorobutadiene	225	5.490	5.490	0.000	96	30301	4.00	4.16	
42 Caprolactam	113	5.723	5.762	-0.039	87	9248	3.20	3.43	
43 4-Chloro-3-methylphenol	107	5.901	5.905	-0.004	98	42396	4.00	4.10	
44 2-Methylnaphthalene	142	6.023	6.027	-0.004	83	96494	4.00	4.05	
45 1-Methylnaphthalene	142	6.115	6.119	-0.004	93	91603	4.00	4.07	
46 Hexachlorocyclopentadiene	237	6.185	6.186	-0.001	97	38566	4.00	3.95	
47 1,2,4,5-Tetrachlorobenzene	216	6.189	6.189	0.000	96	51168	4.00	3.87	
48 2-tertbutyl-4-methylphenol	149	6.237	6.237	0.000	88	56549	4.00	4.05	
49 2,4,6-Trichlorophenol	196	6.304	6.304	0.000	88	31338	4.00	4.01	
50 2,4,5-Trichlorophenol	196	6.339	6.343	-0.004	96	34168	4.00	3.90	
\$ 51 2-Fluorobiphenyl	172	6.380	6.381	-0.001	97	108676	4.00	3.87	
52 1,1'-Biphenyl	154	6.473	6.474	-0.001	97	119834	4.00	3.96	
53 2-Chloronaphthalene	162	6.486	6.490	-0.004	98	93172	4.00	3.87	
54 Phenyl ether	170	6.575	6.576	-0.001	88	63926	4.00	3.97	
55 2-Nitroaniline	65	6.588	6.592	-0.004	94	37996	4.00	4.12	
57 1,3-Dimethylnaphthalene	156	6.696	6.701	-0.005	90	68760	4.00	3.99	
59 Dimethyl phthalate	163	6.770	6.774	-0.004	98	107611	4.00	4.05	
60 Coumarin	146	6.779	6.784	-0.005	79	35471	4.00	4.09	
61 2,6-Dinitrotoluene	165	6.821	6.825	-0.004	92	23303	4.00	4.21	
62 Acenaphthylene	152	6.878	6.883	-0.005	97	139652	4.00	4.00	
63 3-Nitroaniline	138	6.981	6.985	-0.004	91	25179	4.00	4.02	
* 64 Acenaphthene-d10	164	7.016	7.017	-0.001	97	151093	8.00	8.00	
66 Acenaphthene	154	7.044	7.049	-0.005	97	88522	4.00	3.97	
65 3,5-di-tert-butyl-4-hydrox	205	7.051	7.055	-0.004	98	81288	4.00	3.90	
67 2,4-Dinitrophenol	184	7.076	7.081	-0.005	91	24203	8.00	7.93	
68 4-Nitrophenol	65	7.169	7.173	-0.004	92	41589	8.00	8.14	
69 2,4-Dinitrotoluene	165	7.201	7.205	-0.004	92	30169	4.00	4.20	
70 Dibenzofuran	168	7.211	7.212	-0.001	96	136876	4.00	3.99	
72 2,3,4,6-Tetrachlorophenol	232	7.335	7.339	-0.004	94	27967	4.00	4.00	
73 Diethyl phthalate	149	7.444	7.448	-0.004	97	106998	4.00	4.09	
75 Fluorene	166	7.533	7.537	-0.004	93	104013	4.00	4.03	
74 4-Chlorophenyl phenyl ethe	204	7.539	7.544	-0.005	88	53219	4.00	3.98	
76 4-Nitroaniline	138	7.559	7.566	-0.007	95	24715	4.00	4.14	
77 4,6-Dinitro-2-methylphenol	198	7.587	7.595	-0.008	79	31093	8.00	7.93	
78 N-Nitrosodiphenylamine	169	7.654	7.659	-0.005	56	75127	4.00	3.99	
79 1,2-Diphenylhydrazine	77	7.690	7.691	-0.001	98	116880	4.00	3.86	
\$ 80 2,4,6-Tribromophenol	330	7.763	7.768	-0.005	95	19093	4.00	3.97	
81 4-Bromophenyl phenyl ether	248	8.002	8.004	-0.002	87	31029	4.00	3.89	
82 Hexachlorobenzene	284	8.063	8.064	-0.001	98	39885	4.00	4.02	
83 Atrazine	200	8.168	8.170	-0.002	89	21537	3.20	3.26	
84 Pentachlorophenol	266	8.251	8.256	-0.005	94	38032	8.00	7.68	
85 Pentachloronitrobenzene	237	8.264	8.266	-0.002	89	14760	4.00	3.92	
86 n-Octadecane	57	8.347	8.349	-0.002	93	84092	4.00	3.90	
* 87 Phenanthrene-d10	188	8.417	8.419	-0.002	99	264826	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
88 Phenanthrene	178	8.440	8.442	-0.002	98	148247	4.00	3.93	
89 Anthracene	178	8.488	8.489	-0.001	98	153292	4.00	3.99	
90 Carbazole	167	8.647	8.649	-0.002	96	129160	4.00	3.98	
91 Di-n-butyl phthalate	149	8.995	8.997	-0.002	99	158706	4.00	3.93	
92 Fluoranthene	202	9.563	9.568	-0.005	97	145740	4.00	4.01	
93 Benzidine	184	9.700	9.702	-0.002	99	42013	4.00	3.60	
94 Pyrene	202	9.777	9.779	-0.002	96	148492	4.00	4.19	
95 Bisphenol-A	213	9.844	9.849	-0.005	97	53053	4.00	4.02	
\$ 96 Terphenyl-d14	244	9.936	9.939	-0.003	100	95902	4.00	3.96	
97 Butyl benzyl phthalate	149	10.425	10.427	-0.002	98	55766	4.00	4.08	
99 Carbamazepine	193	10.523	10.529	-0.006	92	41853	4.00	3.82	
100 3,3'-Dichlorobenzidine	252	10.989	10.992	-0.003	99	45893	4.00	4.15	
101 Benzo[a]anthracene	228	11.005	11.008	-0.003	99	120808	4.00	3.99	
* 102 Chrysene-d12	240	11.015	11.018	-0.003	98	183220	8.00	8.00	
104 Chrysene	228	11.044	11.050	-0.006	98	120894	4.00	4.06	
103 Bis(2-ethylhexyl) phthalat	149	11.082	11.085	-0.003	88	83605	4.00	4.23	
105 Di-n-octyl phthalate	149	11.909	11.911	-0.002	97	121979	4.00	4.04	
106 Benzo[b]fluoranthene	252	12.368	12.374	-0.006	99	104032	4.00	4.03	
107 Benzo[k]fluoranthene	252	12.404	12.410	-0.006	99	112383	4.00	4.12	
108 Benzo[a]pyrene	252	12.809	12.815	-0.006	98	92721	4.00	4.08	
* 109 Perylene-d12	264	12.892	12.895	-0.003	99	186166	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.393	14.402	-0.009	99	96526	4.00	3.91	
111 Dibenz(a,h)anthracene	278	14.434	14.441	-0.007	97	99127	4.00	4.01	
112 Benzo[g,h,i]perylene	276	14.792	14.802	-0.010	97	105010	4.00	3.80	
S 119 Total Cresols	1				0			8.02	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL5_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132031.D

Injection Date: 20-Apr-2020 12:16:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD4

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

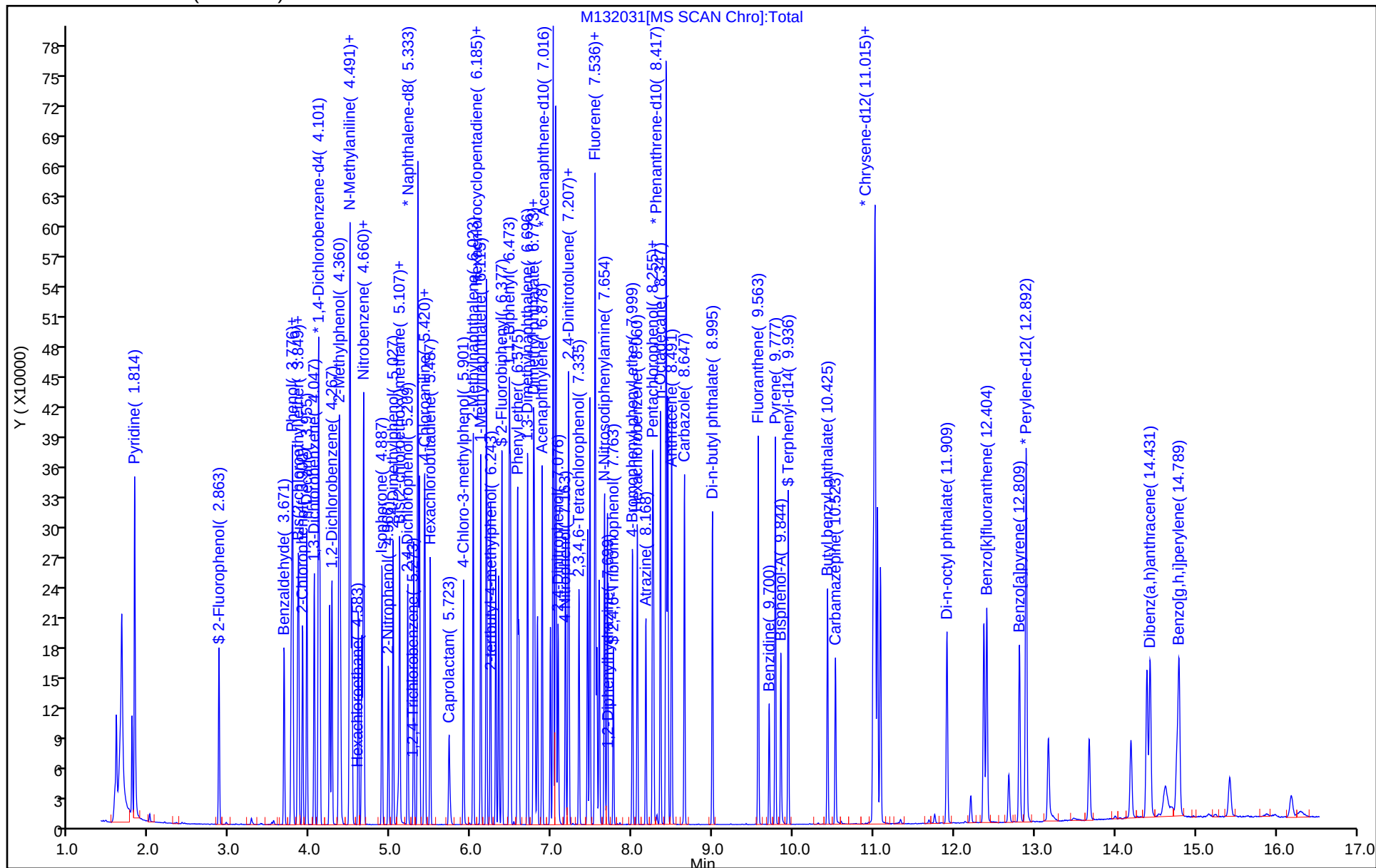
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132032.D

Lims ID: STD2

Client ID:

Sample Type: IC

Calib Level: 4

Inject. Date: 20-Apr-2020 12:37:30

ALS Bottle#: 6

Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Sample Info: 460-0108818-006

Operator ID:

Instrument ID: CBNAMS17

Sublist: chrom-8270LVI_17*sub22

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m

Limit Group: SV 8270D ICAL

Last Update: 20-Apr-2020 15:44:49

Calib Date: 20-Apr-2020 13:39:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last Ical File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D

Column 1 : Rtxi-5Sil MS (0.25 mm)

Det: MS SCAN

Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 12:59:40

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	1.597	1.597	0.000	99	11564	2.00	2.24	
2 N-Nitrosodimethylamine	74	1.792	1.795	-0.003	80	15286	2.00	2.03	
3 Pyridine	79	1.824	1.823	0.001	84	52965	4.00	4.15	
\$ 4 2-Fluorophenol	112	2.870	2.873	-0.003	92	21821	2.00	1.95	
5 Benzaldehyde	77	3.677	3.680	-0.003	93	21222	2.00	2.05	
\$ 6 Phenol-d5	99	3.763	3.769	-0.006	96	27828	2.00	1.95	
7 Phenol	94	3.779	3.782	-0.003	96	33275	2.00	2.02	
8 Aniline	93	3.785	3.789	-0.004	98	39609	2.00	2.06	
9 Bis(2-chloroethyl)ether	93	3.846	3.849	-0.003	91	24319	2.00	2.11	
10 Benzonitrile	103	3.856	3.862	-0.006	99	46421	NC	NC	
11 2-Chlorophenol	128	3.907	3.910	-0.003	90	23230	2.00	2.02	
12 n-Decane	43	3.958	3.961	-0.003	92	31551	2.00	2.06	
13 1,3-Dichlorobenzene	146	4.050	4.054	-0.004	94	28874	2.00	2.07	
* 14 1,4-Dichlorobenzene-d4	152	4.105	4.105	-0.001	98	68018	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.121	4.124	-0.004	96	29233	2.00	2.06	
16 Benzyl alcohol	108	4.242	4.245	-0.003	90	14936	2.00	1.99	
17 1,2-Dichlorobenzene	146	4.270	4.271	-0.001	95	28099	2.00	2.08	
18 2-Methylphenol	108	4.363	4.367	-0.004	86	22466	2.00	2.04	
19 2,2'-oxybis[1-chloropropan	45	4.373	4.376	-0.003	92	43714	2.00	2.04	
20 N-Methylaniline	106	4.487	4.491	-0.004	94	37986	2.00	2.01	
21 Acetophenone	105	4.494	4.497	-0.003	93	36840	2.00	2.02	
22 N-Nitrosodi-n-propylamine	70	4.497	4.504	-0.007	92	19806	2.00	2.09	
24 4-Methylphenol	108	4.516	4.520	-0.004	97	23882	2.00	2.02	
23 3 & 4 Methylphenol	108	4.516	4.520	-0.004	64	23882	2.00	2.02	
25 Hexachloroethane	117	4.596	4.600	-0.004	91	11641	2.00	2.19	
\$ 27 Nitrobenzene-d5	82	4.638	4.644	-0.006	92	26796	2.00	1.98	
28 Nitrobenzene	123	4.657	4.660	-0.003	90	11884	2.00	2.04	
29 n,n'-Dimethylaniline	120	4.663	4.667	-0.004	93	34767	2.00	1.98	
30 Isophorone	82	4.890	4.893	-0.003	98	48509	2.00	2.06	
32 2-Nitrophenol	139	4.969	4.973	-0.004	85	12504	2.00	2.01	
33 2,4-Dimethylphenol	122	5.027	5.031	-0.004	88	20668	2.00	2.04	

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	5.107	5.110	-0.003	95	31035	2.00	2.05	
35 Benzoic acid	122	5.094	5.136	-0.042	91	10394	2.00	1.86	
36 2,4-Dichlorophenol	162	5.209	5.213	-0.004	94	21080	2.00	2.00	
37 1,2,4-Trichlorobenzene	180	5.282	5.286	-0.004	95	24689	2.00	2.10	
* 38 Naphthalene-d8	136	5.333	5.337	-0.004	99	260741	8.00	8.00	
39 Naphthalene	128	5.356	5.356	0.000	98	70567	2.00	2.09	
40 4-Chloroaniline	127	5.413	5.417	-0.004	95	29738	2.00	2.03	
130 2,6-Dichlorophenol	162	5.423	5.427	-0.004	96	21609	NC	NC	
41 Hexachlorobutadiene	225	5.490	5.490	0.000	95	14864	2.00	2.09	
42 Caprolactam	113	5.716	5.762	-0.046	87	5697	2.00	2.17	
43 4-Chloro-3-methylphenol	107	5.901	5.905	-0.004	97	20435	2.00	2.03	
44 2-Methylnaphthalene	142	6.022	6.027	-0.005	84	48647	2.00	2.09	
45 1-Methylnaphthalene	142	6.115	6.119	-0.004	92	45344	2.00	2.07	
46 Hexachlorocyclopentadiene	237	6.185	6.186	-0.001	97	17815	2.00	1.87	
47 1,2,4,5-Tetrachlorobenzene	216	6.188	6.189	-0.001	97	26273	2.00	2.04	
48 2-tertbutyl-4-methylphenol	149	6.236	6.237	-0.001	88	26988	2.00	1.98	
49 2,4,6-Trichlorophenol	196	6.303	6.304	-0.001	88	15421	2.00	2.02	
50 2,4,5-Trichlorophenol	196	6.338	6.343	-0.005	96	17159	2.00	2.01	
\$ 51 2-Fluorobiphenyl	172	6.380	6.381	-0.001	97	53898	2.00	1.97	
52 1,1'-Biphenyl	154	6.472	6.474	-0.002	97	60609	2.00	2.05	
53 2-Chloronaphthalene	162	6.485	6.490	-0.005	98	48003	2.00	2.04	
54 Phenyl ether	170	6.575	6.576	-0.001	88	30868	2.00	1.96	
55 2-Nitroaniline	65	6.587	6.592	-0.005	93	18924	2.00	2.10	
57 1,3-Dimethylnaphthalene	156	6.696	6.701	-0.005	89	32781	2.00	1.95	
59 Dimethyl phthalate	163	6.769	6.774	-0.005	97	53498	2.00	2.06	
60 Coumarin	146	6.779	6.784	-0.005	78	17511	2.00	2.07	
61 2,6-Dinitrotoluene	165	6.820	6.825	-0.005	90	10963	2.00	2.03	
62 Acenaphthylene	152	6.878	6.883	-0.005	97	68769	2.00	2.02	
63 3-Nitroaniline	138	6.980	6.985	-0.005	90	12373	2.00	2.02	
* 64 Acenaphthene-d10	164	7.015	7.017	-0.002	97	147491	8.00	8.00	
66 Acenaphthene	154	7.044	7.049	-0.005	97	43530	2.00	2.00	
65 3,5-di-tert-butyl-4-hydrox	205	7.050	7.055	-0.005	98	39278	2.00	1.93	
67 2,4-Dinitrophenol	184	7.076	7.081	-0.005	91	10371	4.00	3.48	
68 4-Nitrophenol	65	7.165	7.173	-0.008	93	20644	4.00	4.14	
69 2,4-Dinitrotoluene	165	7.200	7.205	-0.005	91	14750	2.00	2.10	
70 Dibenzofuran	168	7.210	7.212	-0.002	96	69441	2.00	2.07	
72 2,3,4,6-Tetrachlorophenol	232	7.338	7.339	-0.001	92	13424	2.00	1.97	
73 Diethyl phthalate	149	7.443	7.448	-0.005	97	52050	2.00	2.04	
75 Fluorene	166	7.532	7.537	-0.005	96	51180	2.00	2.03	
74 4-Chlorophenyl phenyl ethe	204	7.539	7.544	-0.005	88	26562	2.00	2.04	
76 4-Nitroaniline	138	7.558	7.566	-0.008	94	11990	2.00	2.06	
77 4,6-Dinitro-2-methylphenol	198	7.587	7.595	-0.008	79	14043	4.00	3.65	
78 N-Nitrosodiphenylamine	169	7.654	7.659	-0.005	56	36842	2.00	2.00	
79 1,2-Diphenylhydrazine	77	7.689	7.691	-0.002	98	60027	2.00	2.02	
\$ 80 2,4,6-Tribromophenol	330	7.765	7.768	-0.003	94	9085	2.00	1.93	
81 4-Bromophenyl phenyl ether	248	8.001	8.004	-0.003	88	15773	2.00	2.02	
82 Hexachlorobenzene	284	8.062	8.064	-0.002	97	19572	2.00	2.01	
83 Atrazine	200	8.167	8.170	-0.003	88	12436	2.00	1.92	
84 Pentachlorophenol	266	8.250	8.256	-0.006	94	17745	4.00	3.66	
85 Pentachloronitrobenzene	237	8.263	8.266	-0.003	88	6994	2.00	1.89	
86 n-Octadecane	57	8.349	8.349	0.000	93	40816	2.00	1.93	
* 87 Phenanthrene-d10	188	8.420	8.419	0.001	99	259661	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
88 Phenanthrene	178	8.439	8.442	-0.003	98	76351	2.00	2.06	
89 Anthracene	178	8.487	8.489	-0.002	98	75687	2.00	2.01	
90 Carbazole	167	8.646	8.649	-0.003	96	65725	2.00	2.06	
91 Di-n-butyl phthalate	149	8.994	8.997	-0.003	99	76449	2.00	1.93	
92 Fluoranthene	202	9.565	9.568	-0.003	97	71545	2.00	2.01	
93 Benzidine	184	9.699	9.702	-0.003	99	13225	2.00	1.90	
94 Pyrene	202	9.776	9.779	-0.003	96	73980	2.00	2.06	
95 Bisphenol-A	213	9.846	9.849	-0.003	97	25557	2.00	1.92	
\$ 96 Terphenyl-d14	244	9.935	9.939	-0.004	100	47778	2.00	1.95	
97 Butyl benzyl phthalate	149	10.423	10.427	-0.004	98	26850	2.00	1.94	
99 Carbamazepine	193	10.522	10.529	-0.007	92	19266	2.00	1.74	
100 3,3'-Dichlorobenzidine	252	10.991	10.992	-0.001	99	22212	2.00	1.98	
101 Benzo[a]anthracene	228	11.004	11.008	-0.004	100	61983	2.00	2.02	
* 102 Chrysene-d12	240	11.017	11.018	-0.001	99	185374	8.00	8.00	
104 Chrysene	228	11.046	11.050	-0.004	98	60666	2.00	2.01	
103 Bis(2-ethylhexyl) phthalat	149	11.084	11.085	-0.001	88	40190	2.00	2.01	
105 Di-n-octyl phthalate	149	11.910	11.911	-0.001	97	59267	2.00	1.98	
106 Benzo[b]fluoranthene	252	12.367	12.374	-0.007	98	53556	2.00	2.10	
107 Benzo[k]fluoranthene	252	12.405	12.410	-0.005	99	57320	2.00	2.13	
108 Benzo[a]pyrene	252	12.810	12.815	-0.005	96	46152	2.00	2.06	
* 109 Perylene-d12	264	12.893	12.895	-0.002	99	184149	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.391	14.402	-0.011	99	50518	2.00	2.07	
111 Dibenz(a,h)anthracene	278	14.432	14.441	-0.009	98	50976	2.00	2.08	
112 Benzo[g,h,i]perylene	276	14.790	14.802	-0.012	97	53852	2.00	1.97	
S 119 Total Cresols	1				0			4.06	

QC Flag Legend

Processing Flags

NC - Not Calibrated

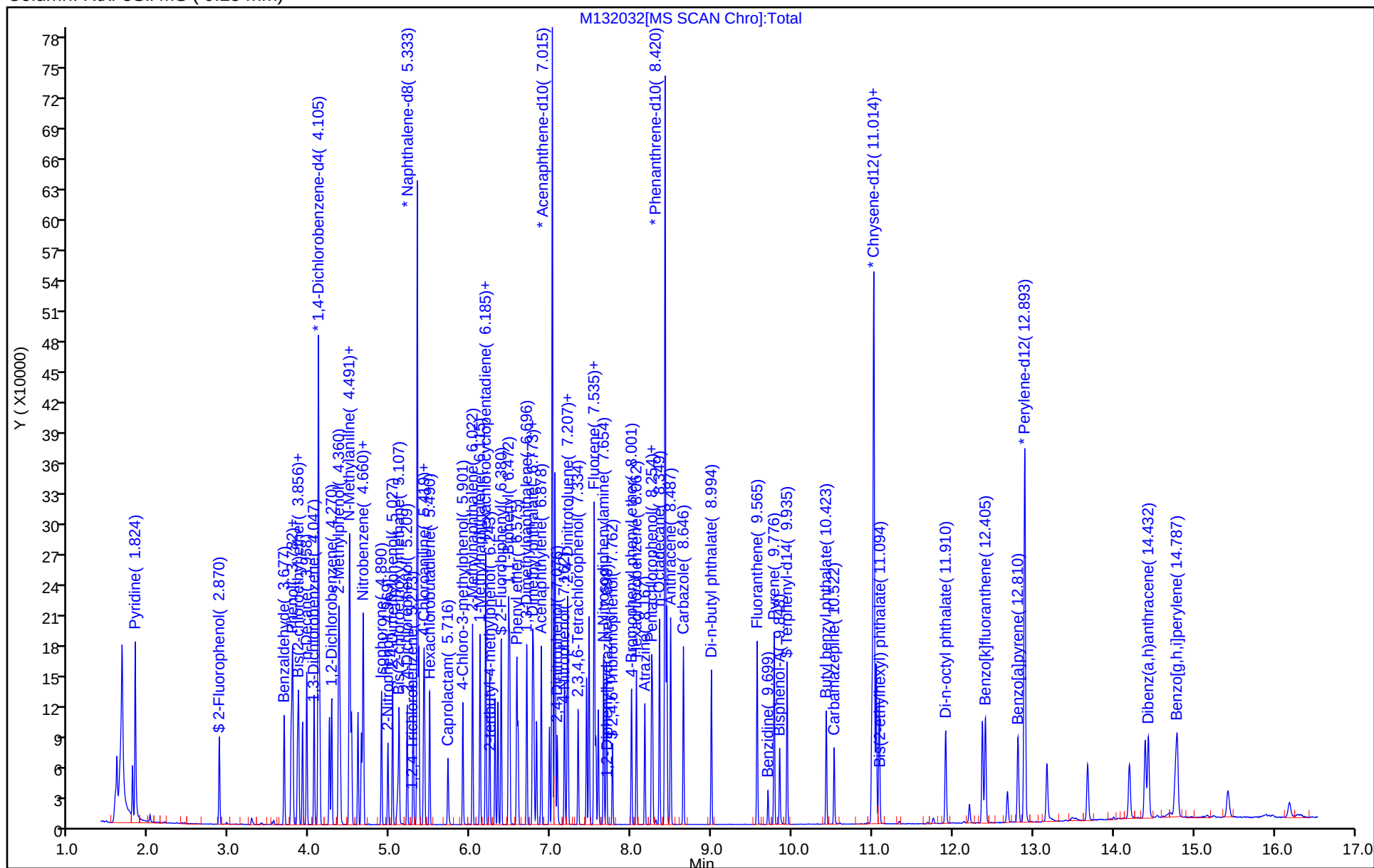
Reagents:

SV_BNAL4_LVI_00001

Amount Added: 1.00

Units: mL

Limit Group: SV 8270D ICAL



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132033.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 20-Apr-2020 12:58:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-007
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:53 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 13:18:57

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	1.597	1.597	0.000	95	5944	1.00	1.15	
2 N-Nitrosodimethylamine	74	1.795	1.795	0.000	78	7271	1.00	0.9630	
3 Pyridine	79	1.830	1.823	0.007	84	25325	2.00	1.98	
\$ 4 2-Fluorophenol	112	2.873	2.873	0.000	91	10770	1.00	0.9600	
5 Benzaldehyde	77	3.680	3.680	0.000	93	10649	1.00	1.02	
\$ 6 Phenol-d5	99	3.763	3.769	-0.006	96	14042	1.00	0.9798	
7 Phenol	94	3.776	3.782	-0.006	93	15869	1.00	0.9577	
8 Aniline	93	3.785	3.789	-0.004	96	18052	1.00	0.9328	
9 Bis(2-chloroethyl)ether	93	3.846	3.849	-0.003	91	11710	1.00	1.01	
10 Benzonitrile	103	3.859	3.862	-0.004	99	23105	NC	NC	
11 2-Chlorophenol	128	3.906	3.910	-0.004	91	11246	1.00	0.9734	
12 n-Decane	43	3.957	3.961	-0.004	92	15551	1.00	1.01	
13 1,3-Dichlorobenzene	146	4.050	4.054	-0.004	94	13883	1.00	0.99	
* 14 1,4-Dichlorobenzene-d4	152	4.104	4.105	-0.001	98	68340	8.00	8.00	
15 1,4-Dichlorobenzene	146	4.120	4.124	-0.004	93	14348	1.00	1.00	
16 Benzyl alcohol	108	4.241	4.245	-0.004	90	6991	1.00	0.9267	
17 1,2-Dichlorobenzene	146	4.270	4.271	-0.001	94	13648	1.00	1.01	
18 2-Methylphenol	108	4.363	4.367	-0.004	86	10745	1.00	0.9723	
19 2,2'-oxybis[1-chloropropan	45	4.372	4.376	-0.004	92	22103	1.00	1.03	
20 N-Methylaniline	106	4.487	4.491	-0.004	96	18878	1.00	1.00	
21 Acetophenone	105	4.494	4.497	-0.003	95	18128	1.00	0.9887	
22 N-Nitrosodi-n-propylamine	70	4.497	4.504	-0.007	94	9780	1.00	1.03	
24 4-Methylphenol	108	4.516	4.520	-0.004	96	11511	1.00	0.9704	
23 3 & 4 Methylphenol	108	4.516	4.520	-0.004	64	11511	1.00	0.9696	
25 Hexachloroethane	117	4.596	4.600	-0.004	90	5682	1.00	1.07	
\$ 27 Nitrobenzene-d5	82	4.640	4.644	-0.004	92	13129	1.00	0.9740	
28 Nitrobenzene	123	4.656	4.660	-0.004	89	5588	1.00	0.9797	
29 n,n'-Dimethylaniline	120	4.663	4.667	-0.004	93	17552	1.00	0.99	
30 Isophorone	82	4.889	4.893	-0.004	98	23361	1.00	1.00	
32 2-Nitrophenol	139	4.969	4.973	-0.004	83	5544	1.00	0.8931	
33 2,4-Dimethylphenol	122	5.026	5.031	-0.005	87	9707	1.00	0.9603	

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	5.106	5.110	-0.004	94	15373	1.00	1.02	
35 Benzoic acid	122	5.084	5.136	-0.052	89	4099	1.00	0.7353	
36 2,4-Dichlorophenol	162	5.208	5.213	-0.005	92	10257	1.00	0.9756	
37 1,2,4-Trichlorobenzene	180	5.285	5.286	-0.001	94	12045	1.00	1.03	
* 38 Naphthalene-d8	136	5.336	5.337	-0.001	100	260001	8.00	8.00	
39 Naphthalene	128	5.355	5.356	-0.001	98	34625	1.00	1.03	
40 4-Chloroaniline	127	5.416	5.417	-0.001	96	14426	1.00	0.9874	
130 2,6-Dichlorophenol	162	5.422	5.427	-0.005	95	10481	NC	NC	
41 Hexachlorobutadiene	225	5.489	5.490	-0.001	95	7393	1.00	1.04	
42 Caprolactam	113	5.712	5.762	-0.050	86	2741	1.00	1.05	
43 4-Chloro-3-methylphenol	107	5.901	5.905	-0.004	96	9700	1.00	0.9642	
44 2-Methylnaphthalene	142	6.022	6.027	-0.005	84	24088	1.00	1.04	
45 1-Methylnaphthalene	142	6.114	6.119	-0.005	93	22882	1.00	1.05	
46 Hexachlorocyclopentadiene	237	6.185	6.186	-0.001	96	8620	1.00	0.8939	
47 1,2,4,5-Tetrachlorobenzene	216	6.188	6.189	-0.001	95	12539	1.00	0.9603	
48 2-tertbutyl-4-methylphenol	149	6.236	6.237	-0.001	88	13334	1.00	0.9815	
49 2,4,6-Trichlorophenol	196	6.303	6.304	-0.001	89	7535	1.00	0.9746	
50 2,4,5-Trichlorophenol	196	6.338	6.343	-0.005	95	8281	1.00	0.9566	
\$ 51 2-Fluorobiphenyl	172	6.379	6.381	-0.002	97	27264	1.00	0.9829	
52 1,1'-Biphenyl	154	6.472	6.474	-0.002	96	29593	1.00	0.99	
53 2-Chloronaphthalene	162	6.485	6.490	-0.005	98	23491	1.00	0.9885	
54 Phenyl ether	170	6.574	6.576	-0.002	88	15032	1.00	0.9442	
55 2-Nitroaniline	65	6.587	6.592	-0.005	93	8711	1.00	0.9550	
57 1,3-Dimethylnaphthalene	156	6.698	6.701	-0.003	89	16162	1.00	0.9485	
59 Dimethyl phthalate	163	6.769	6.774	-0.005	97	25966	1.00	0.9900	
60 Coumarin	146	6.778	6.784	-0.006	77	8516	1.00	1.01	
61 2,6-Dinitrotoluene	165	6.820	6.825	-0.005	91	5444	1.00	1.00	
62 Acenaphthylene	152	6.877	6.883	-0.006	97	33904	1.00	0.9820	
63 3-Nitroaniline	138	6.979	6.985	-0.006	92	5944	1.00	0.9610	
* 64 Acenaphthene-d10	164	7.014	7.017	-0.003	97	149288	8.00	8.00	
66 Acenaphthene	154	7.043	7.049	-0.006	97	22221	1.00	1.01	
65 3,5-di-tert-butyl-4-hydrox	205	7.050	7.055	-0.005	98	19200	1.00	0.9331	
67 2,4-Dinitrophenol	184	7.075	7.081	-0.006	90	4424	2.00	1.47	
68 4-Nitrophenol	65	7.164	7.173	-0.009	92	9836	2.00	1.95	
69 2,4-Dinitrotoluene	165	7.200	7.205	-0.005	91	6868	1.00	0.9670	
70 Dibenzofuran	168	7.209	7.212	-0.003	96	34648	1.00	1.02	
72 2,3,4,6-Tetrachlorophenol	232	7.337	7.339	-0.002	94	6646	1.00	0.9617	
73 Diethyl phthalate	149	7.439	7.448	-0.009	97	26365	1.00	1.02	
75 Fluorene	166	7.535	7.537	-0.002	93	25886	1.00	1.01	
74 4-Chlorophenyl phenyl ethe	204	7.538	7.544	-0.006	88	13375	1.00	1.01	
76 4-Nitroaniline	138	7.554	7.566	-0.012	94	5779	1.00	0.9805	
77 4,6-Dinitro-2-methylphenol	198	7.586	7.595	-0.009	76	5977	2.00	1.52	
78 N-Nitrosodiphenylamine	169	7.653	7.659	-0.006	56	18203	1.00	0.9633	
79 1,2-Diphenylhydrazine	77	7.688	7.691	-0.003	97	29032	1.00	0.9557	
\$ 80 2,4,6-Tribromophenol	330	7.761	7.768	-0.007	94	4536	1.00	0.9540	
81 4-Bromophenyl phenyl ether	248	8.001	8.004	-0.003	87	7666	1.00	0.9573	
82 Hexachlorobenzene	284	8.061	8.064	-0.003	97	9710	1.00	0.9756	
83 Atrazine	200	8.166	8.170	-0.004	89	6538	1.00	0.9870	
84 Pentachlorophenol	266	8.249	8.256	-0.007	94	7312	2.00	1.47	
85 Pentachloronitrobenzene	237	8.262	8.266	-0.004	88	3287	1.00	0.8702	
86 n-Octadecane	57	8.348	8.349	-0.001	93	19284	1.00	0.8910	
* 87 Phenanthrene-d10	188	8.419	8.419	0.000	99	265699	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
88 Phenanthrene	178	8.438	8.442	-0.004	98	38195	1.00	1.01	
89 Anthracene	178	8.486	8.489	-0.003	98	37911	1.00	0.9845	
90 Carbazole	167	8.645	8.649	-0.004	96	32023	1.00	0.9832	
91 Di-n-butyl phthalate	149	8.993	8.997	-0.004	99	37360	1.00	0.9228	
92 Fluoranthene	202	9.564	9.568	-0.004	97	36220	1.00	0.99	
93 Benzidine	184	9.698	9.702	-0.004	98	4172	1.00	1.35	
94 Pyrene	202	9.774	9.779	-0.005	96	36630	1.00	0.9805	
95 Bisphenol-A	213	9.845	9.849	-0.004	97	12172	1.00	0.8767	
\$ 96 Terphenyl-d14	244	9.937	9.939	-0.002	99	24067	1.00	0.9445	
97 Butyl benzyl phthalate	149	10.425	10.427	-0.002	97	12769	1.00	0.8873	
99 Carbamazepine	193	10.521	10.529	-0.008	92	8606	1.00	0.7458	
100 3,3'-Dichlorobenzidine	252	10.990	10.992	-0.002	98	10410	1.00	0.8937	
101 Benzo[a]anthracene	228	11.003	11.008	-0.005	100	30717	1.00	0.9625	
* 102 Chrysene-d12	240	11.016	11.018	-0.002	99	192935	8.00	8.00	
104 Chrysene	228	11.044	11.050	-0.006	98	31377	1.00	1.00	
103 Bis(2-ethylhexyl) phthalat	149	11.083	11.085	-0.002	88	18925	1.00	0.9103	
105 Di-n-octyl phthalate	149	11.909	11.911	-0.002	97	26891	1.00	0.8735	
106 Benzo[b]fluoranthene	252	12.365	12.374	-0.009	98	26104	1.00	0.99	
107 Benzo[k]fluoranthene	252	12.404	12.410	-0.006	99	29079	1.00	1.05	
108 Benzo[a]pyrene	252	12.809	12.815	-0.006	97	23566	1.00	1.02	
* 109 Perylene-d12	264	12.895	12.895	0.000	99	189758	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.389	14.402	-0.013	98	24976	1.00	0.99	
111 Dibenz(a,h)anthracene	278	14.431	14.441	-0.010	97	25462	1.00	1.01	
112 Benzo[g,h,i]perylene	276	14.785	14.802	-0.017	97	26396	1.00	0.9378	
S 119 Total Cresols	1				0			1.94	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL3_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132033.D

Injection Date: 20-Apr-2020 12:58:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD1

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

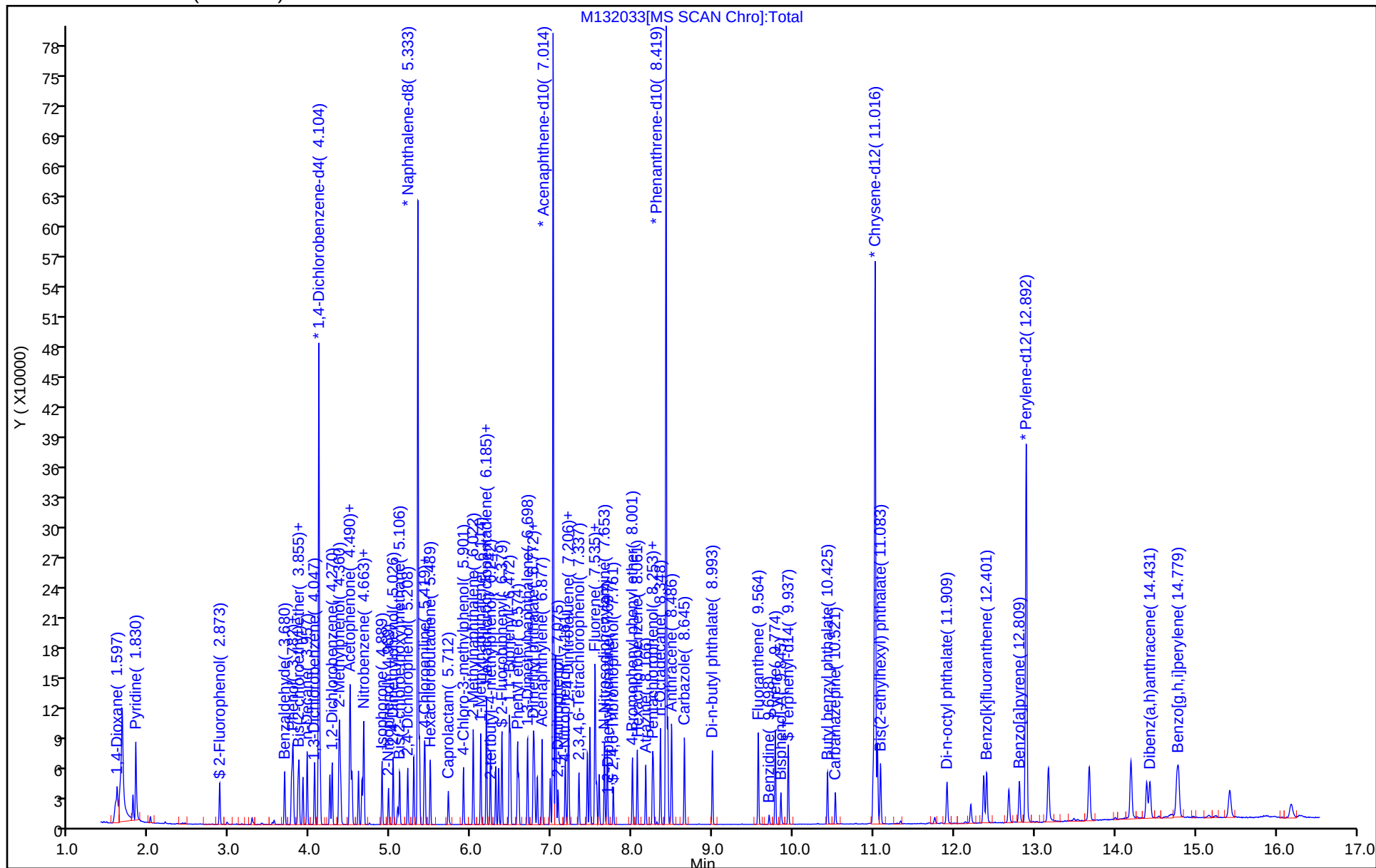
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132034.D
 Lims ID: STD02
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 20-Apr-2020 13:19:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-008
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:57 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 13:45:33

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	2.867	2.873	-0.006	91	2163	0.2000	0.1951	
5 Benzaldehyde	77	3.674	3.680	-0.006	92	2162	0.2000	0.2101	
\$ 6 Phenol-d5	99	3.760	3.769	-0.009	97	2802	0.2000	0.1978	
9 Bis(2-chloroethyl)ether	93	3.839	3.849	-0.010	91	2201	0.2000	0.1927	
* 14 1,4-Dichlorobenzene-d4	152	4.101	4.105	-0.004	98	67541	8.00	8.00	
20 N-Methylaniline	106	4.484	4.491	-0.007	93	3406	0.2000	0.1818	
22 N-Nitrosodi-n-propylamine	70	4.497	4.504	-0.007	94	1810	0.2000	0.1923	a
25 Hexachloroethane	117	4.596	4.600	-0.004	84	955	0.2000	0.1812	
\$ 27 Nitrobenzene-d5	82	4.637	4.644	-0.007	92	2668	0.2000	0.1980	
28 Nitrobenzene	123	4.656	4.660	-0.004	88	944	0.2000	0.2037	
29 n,n'-Dimethylaniline	120	4.663	4.667	-0.004	92	3251	0.2000	0.1860	
30 Isophorone	82	4.889	4.893	-0.004	97	4206	0.2000	0.1795	
37 1,2,4-Trichlorobenzene	180	5.281	5.286	-0.005	93	2255	0.2000	0.1923	
* 38 Naphthalene-d8	136	5.332	5.337	-0.005	99	259966	8.00	8.00	
39 Naphthalene	128	5.352	5.356	-0.004	97	6242	0.2000	0.1851	
41 Hexachlorobutadiene	225	5.489	5.490	-0.001	92	1375	0.2000	0.1942	
42 Caprolactam	113	5.712	5.762	-0.050	84	371	0.2000	0.1416	
44 2-Methylnaphthalene	142	6.021	6.027	-0.006	83	4310	0.2000	0.1861	
45 1-Methylnaphthalene	142	6.114	6.119	-0.005	94	4231	0.2000	0.1934	
48 2-tertbutyl-4-methylphenol	149	6.235	6.237	-0.002	86	2501	0.2000	0.1841	
49 2,4,6-Trichlorophenol	196	6.302	6.304	-0.002	86	1230	0.2000	0.1617	
\$ 51 2-Fluorobiphenyl	172	6.379	6.381	-0.002	96	5401	0.2000	0.1979	
61 2,6-Dinitrotoluene	165	6.819	6.825	-0.006	85	869	0.2000	0.1616	
* 64 Acenaphthene-d10	164	7.014	7.017	-0.003	97	146840	8.00	8.00	
69 2,4-Dinitrotoluene	165	7.199	7.205	-0.006	87	1106	0.2000	0.1583	a
\$ 80 2,4,6-Tribromophenol	330	7.763	7.768	-0.005	70	839	0.2000	0.1794	
82 Hexachlorobenzene	284	8.060	8.064	-0.004	93	1937	0.2000	0.1939	
83 Atrazine	200	8.165	8.170	-0.005	83	1221	0.2000	0.1836	
* 87 Phenanthrene-d10	188	8.417	8.419	-0.002	99	266755	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.936	9.939	-0.003	99	4754	0.2000	0.1897	
100 3,3'-Dichlorobenzidine	252	10.988	10.992	-0.004	94	1833	0.2000	0.1600	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
101 Benzo[a]anthracene	228	11.004	11.008	-0.004	99	6160	0.2000	0.1963	
* 102 Chrysene-d12	240	11.014	11.018	-0.004	99	189728	8.00	8.00	
104 Chrysene	228	11.043	11.050	-0.007	99	6199	0.2000	0.2009	
103 Bis(2-ethylhexyl) phthalat	149	11.084	11.085	-0.001	86	3076	0.2000	0.1505	a
106 Benzo[b]fluoranthene	252	12.364	12.374	-0.010	98	4994	0.2000	0.1872	
107 Benzo[k]fluoranthene	252	12.399	12.410	-0.011	97	5026	0.2000	0.1784	
108 Benzo[a]pyrene	252	12.807	12.815	-0.008	96	4247	0.2000	0.1810	
* 109 Perylene-d12	264	12.893	12.895	-0.002	98	192416	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.390	14.402	-0.012	97	4426	0.2000	0.1733	
111 Dibenz(a,h)anthracene	278	14.429	14.441	-0.012	96	4326	0.2000	0.1691	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132034.D

Injection Date: 20-Apr-2020 13:19:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD02

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

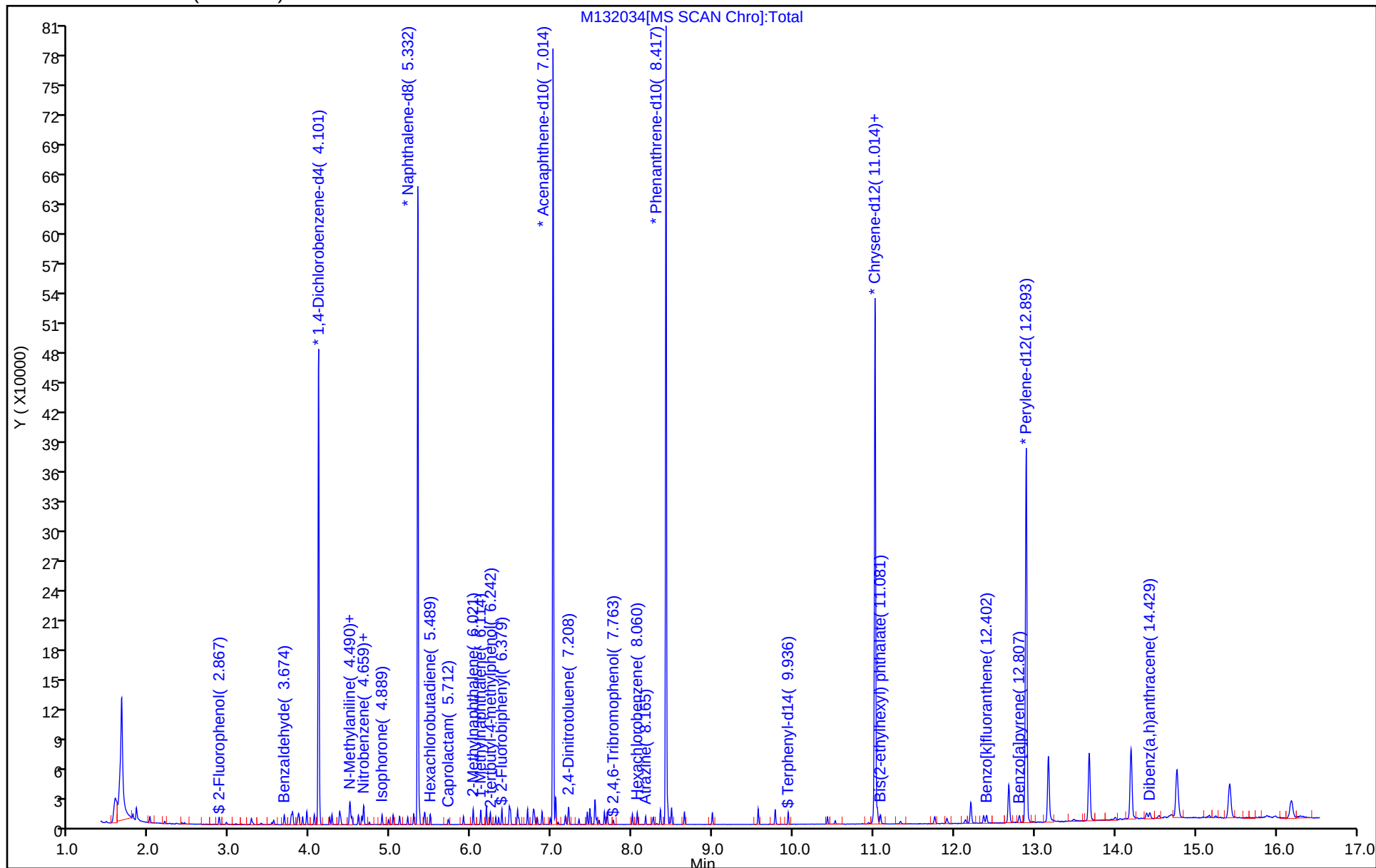
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

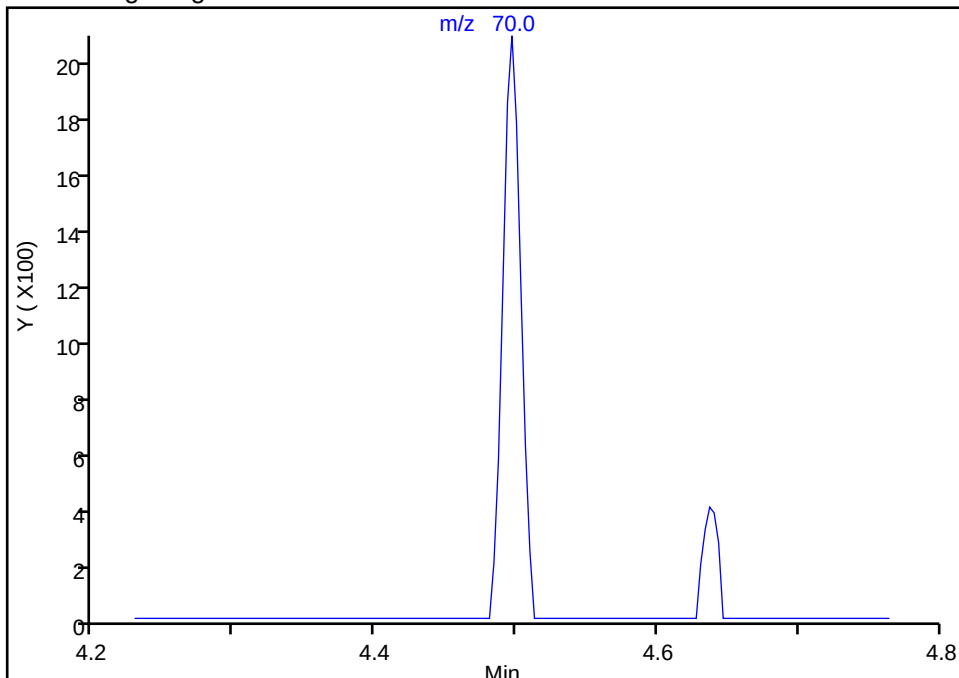
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\132034.D
Injection Date: 20-Apr-2020 13:19:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

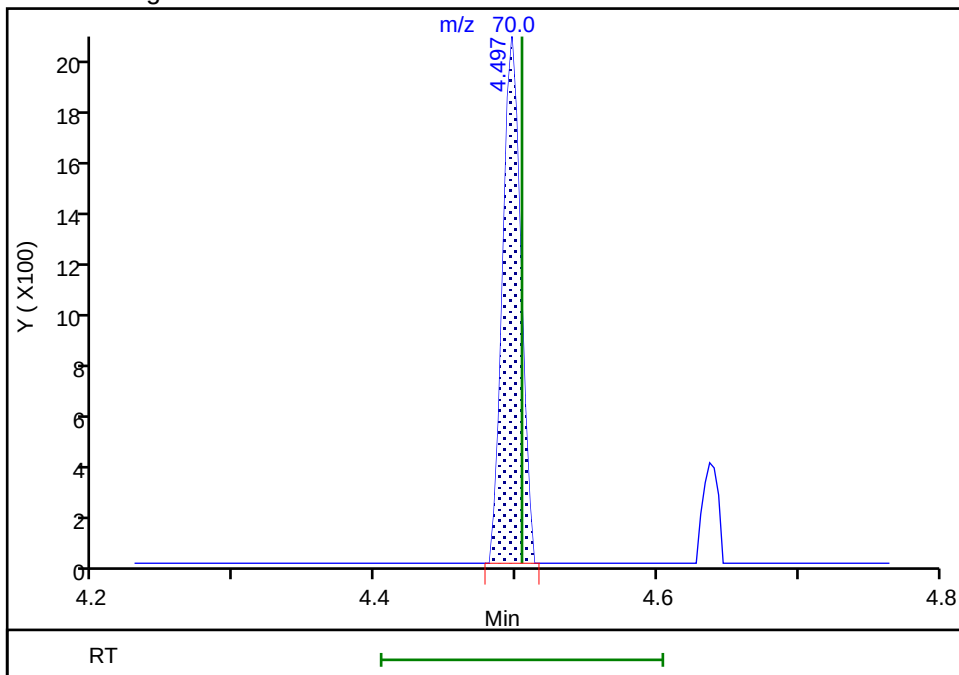
Not Detected
Expected RT: 4.50

Processing Integration Results



RT: 4.50
Area: 1810
Amount: 0.192262
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 13:45:08
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132034.D
Injection Date: 20-Apr-2020 13:19:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

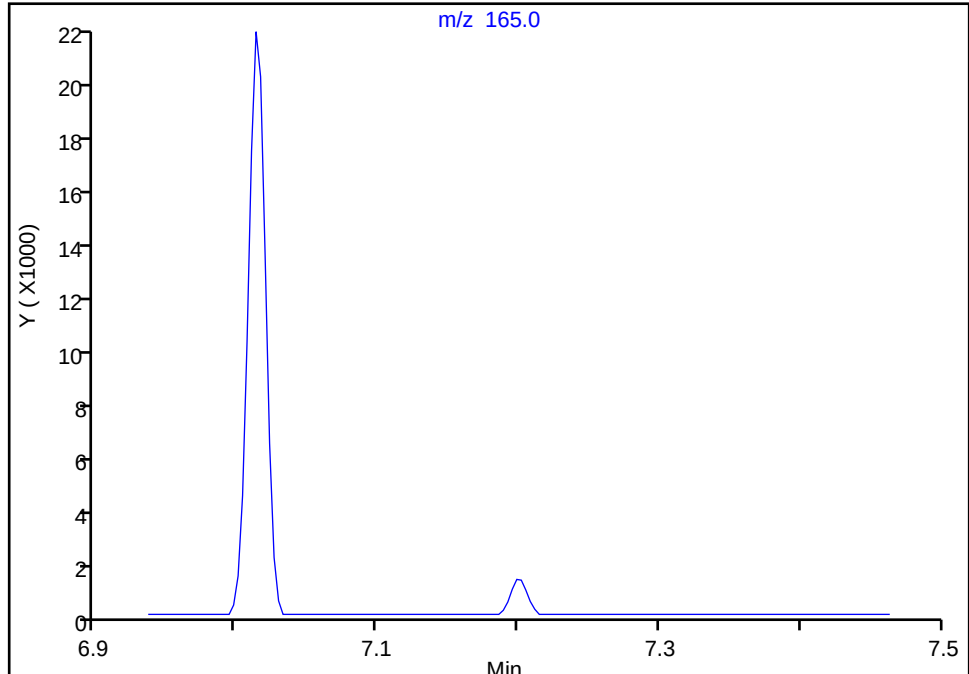
ALS Bottle#: 8 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

69 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

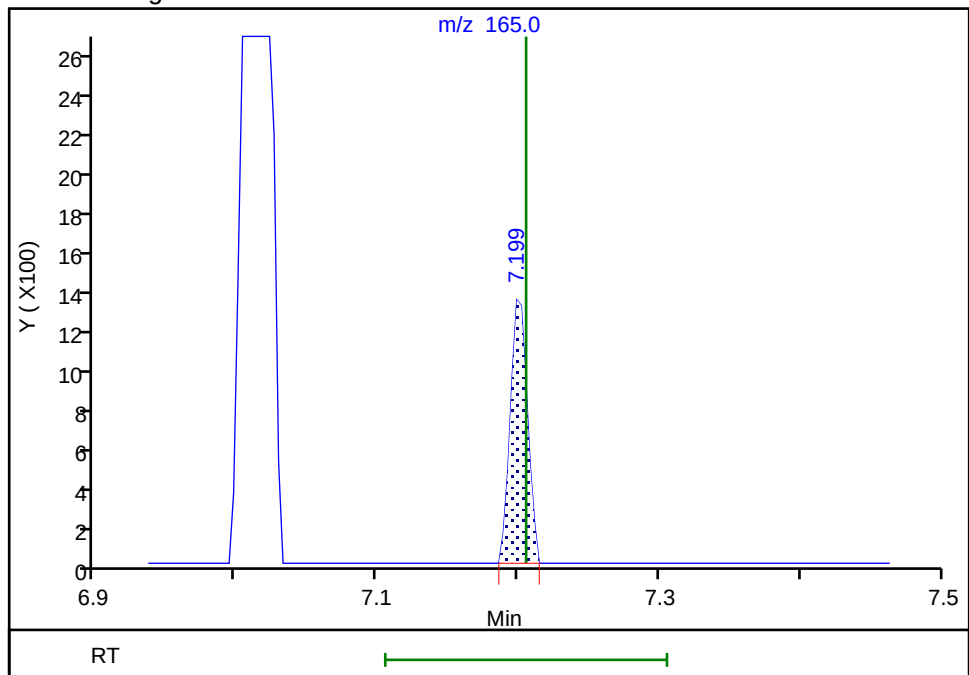
Not Detected
Expected RT: 7.21

Processing Integration Results



RT: 7.20
Area: 1106
Amount: 0.158318
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 13:45:13
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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Eurofins TestAmerica, Edison

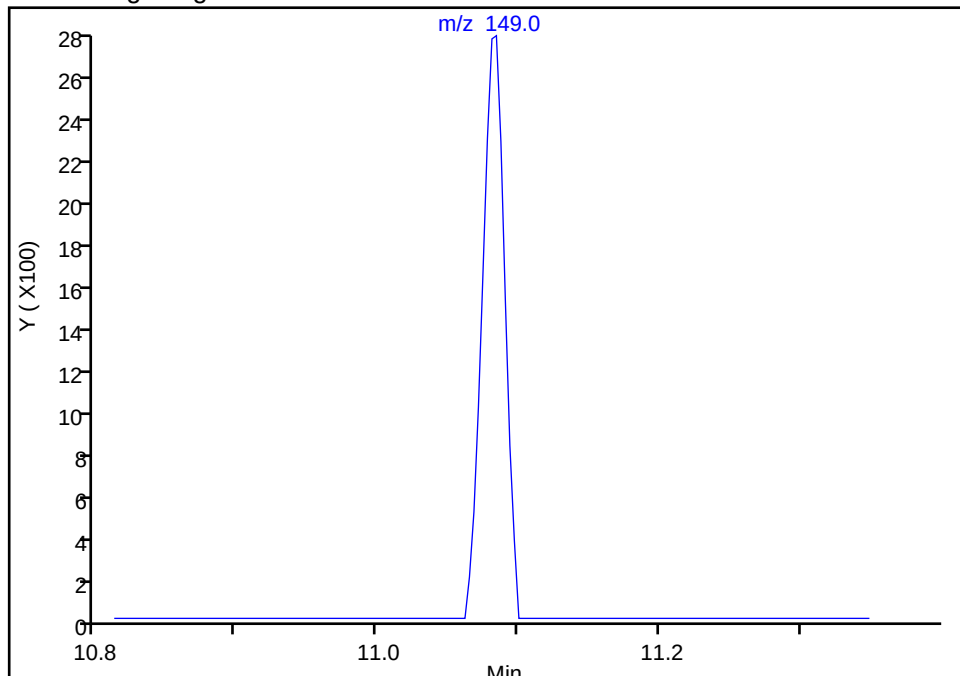
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Injection Date: 20-Apr-2020 13:19:30 Instrument ID: CBNAMS17
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

103 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Signal: 1

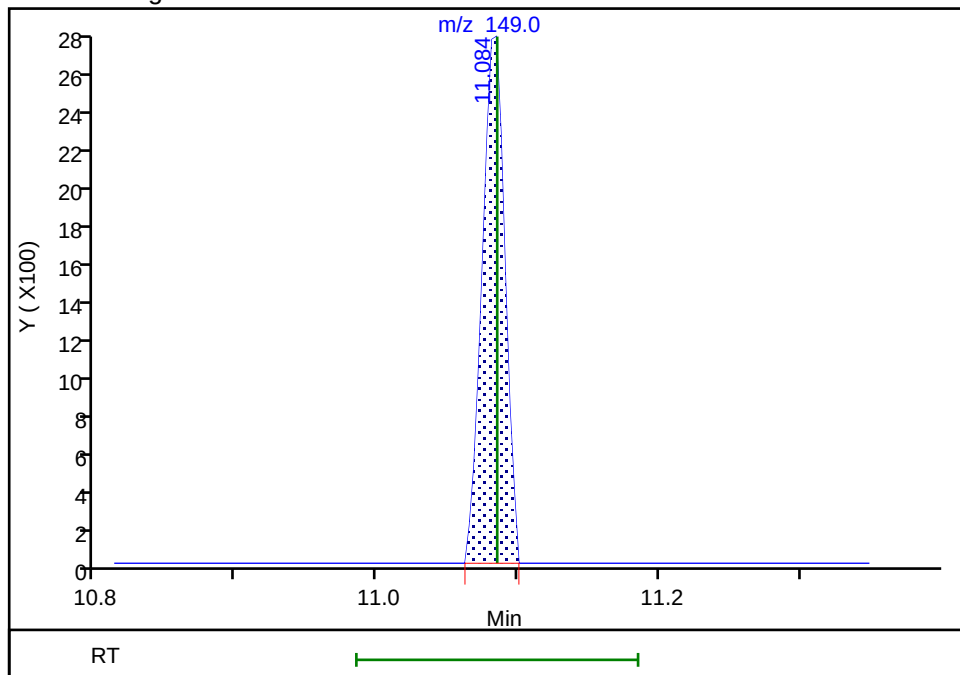
Not Detected
Expected RT: 11.08

Processing Integration Results



RT: 11.08
Area: 3076
Amount: 0.150459
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 13:45:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Lims ID: STD01
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 20-Apr-2020 13:39:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-009
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:59 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 14:03:48

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	3.843	3.849	-0.006	90	992	0.1000	0.0900	
* 14 1,4-Dichlorobenzene-d4	152	4.101	4.105	-0.004	98	65169	8.00	8.00	
20 N-Methylaniline	106	4.484	4.491	-0.007	93	1652	0.1000	0.0914	
22 N-Nitrosodi-n-propylamine	70	4.497	4.504	-0.008	88	749	0.1000	0.0825	a
25 Hexachloroethane	117	4.595	4.600	-0.005	85	381	0.1000	0.0749	
\$ 27 Nitrobenzene-d5	82	4.637	4.644	-0.007	92	1254	0.1000	0.0966	
28 Nitrobenzene	123	4.656	4.660	-0.004	85	316	0.1000	0.0992	
29 n,n'-Dimethylaniline	120	4.662	4.667	-0.005	92	1672	0.1000	0.0992	a
37 1,2,4-Trichlorobenzene	180	5.281	5.286	-0.005	90	1003	0.1000	0.0888	
* 38 Naphthalene-d8	136	5.332	5.337	-0.005	99	250410	8.00	8.00	
39 Naphthalene	128	5.351	5.356	-0.005	98	3243	0.1000	0.0998	
41 Hexachlorobutadiene	225	5.489	5.490	-0.002	84	590	0.1000	0.0865	
\$ 51 2-Fluorobiphenyl	172	6.378	6.381	-0.003	95	2605	0.1000	0.0957	
* 64 Acenaphthene-d10	164	7.013	7.017	-0.004	97	146491	8.00	8.00	
82 Hexachlorobenzene	284	8.059	8.064	-0.005	88	954	0.1000	0.0946	
* 87 Phenanthrene-d10	188	8.417	8.419	-0.002	99	269279	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.935	9.939	-0.004	98	2843	0.1000	0.1109	
101 Benzo[a]anthracene	228	11.004	11.008	-0.004	96	3377	0.1000	0.1052	
* 102 Chrysene-d12	240	11.016	11.018	-0.002	99	194087	8.00	8.00	
106 Benzo[b]fluoranthene	252	12.363	12.374	-0.011	97	2384	0.1000	0.0908	
107 Benzo[k]fluoranthene	252	12.401	12.410	-0.009	95	2556	0.1000	0.0922	
108 Benzo[a]pyrene	252	12.806	12.815	-0.009	97	1916	0.1000	0.0830	
* 109 Perylene-d12	264	12.893	12.895	-0.003	99	189317	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	14.390	14.402	-0.012	94	2072	0.1000	0.0825	
111 Dibenz(a,h)anthracene	278	14.431	14.441	-0.010	95	1949	0.1000	0.0775	a

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL1_LVI_00001

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132035.D

Injection Date: 20-Apr-2020 13:39:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: STD01

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

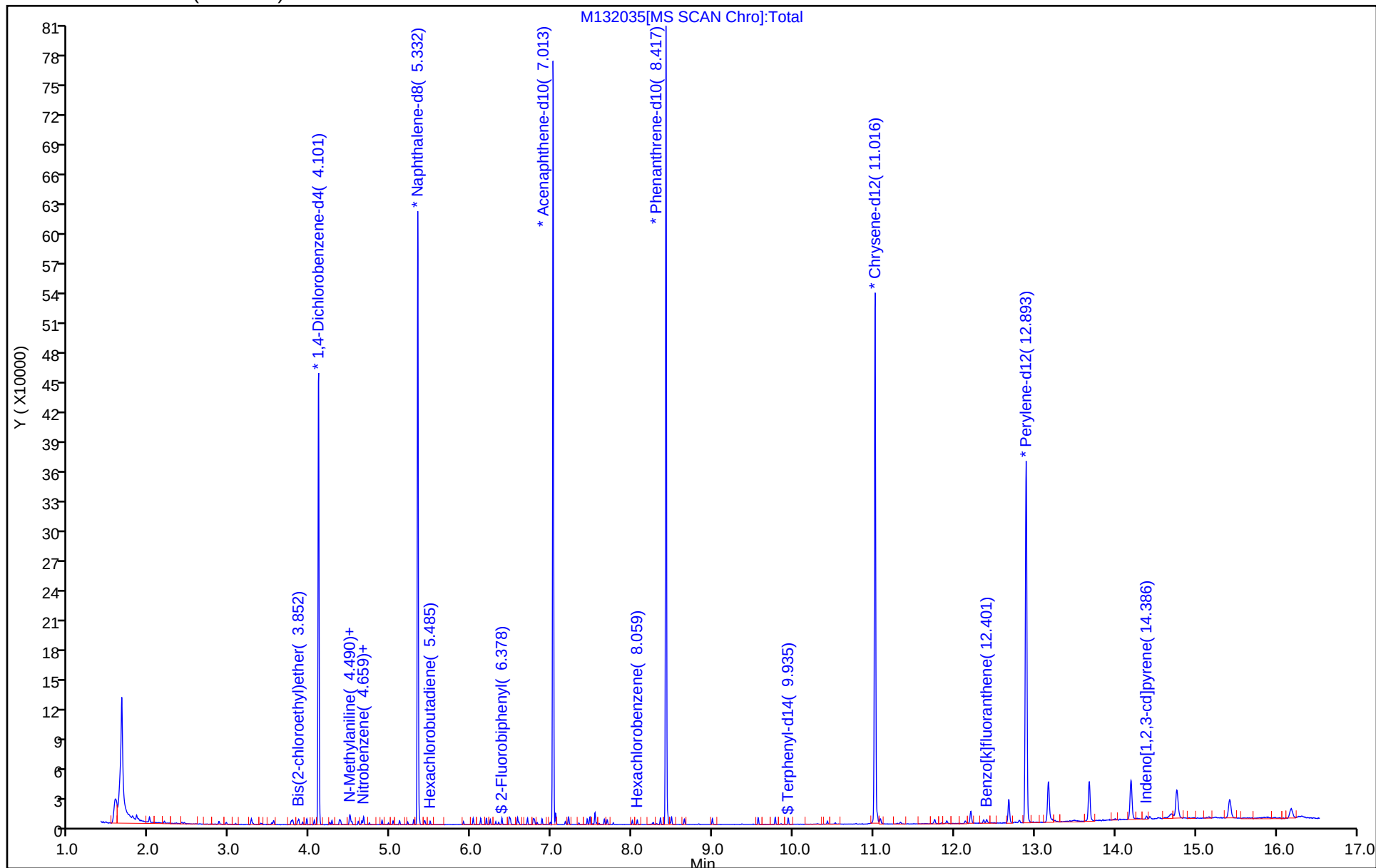
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D

Injection Date: 20-Apr-2020 13:39:30

Instrument ID: CBNAMS17

Lims ID: STD01

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

9

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_17

Limit Group:

SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

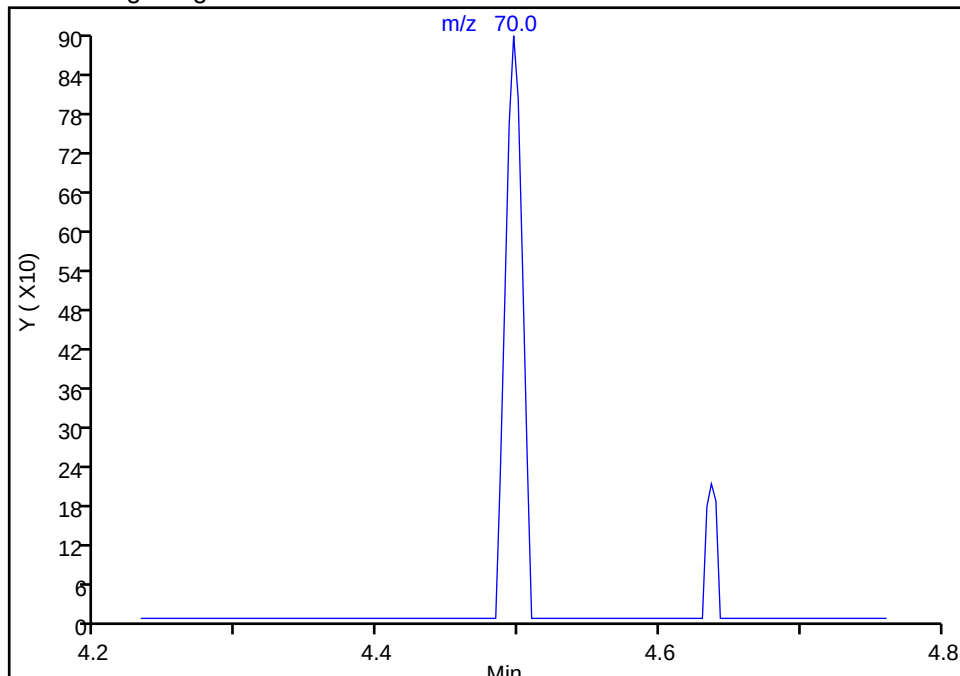
22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

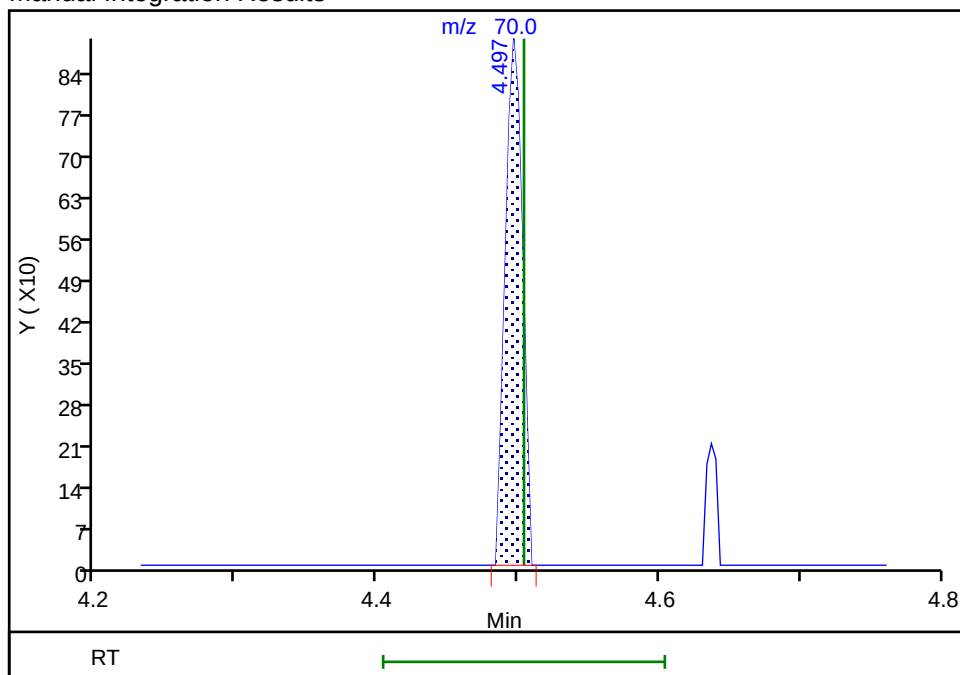
Not Detected

Expected RT: 4.50

Processing Integration Results



Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 14:03:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
Injection Date: 20-Apr-2020 13:39:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

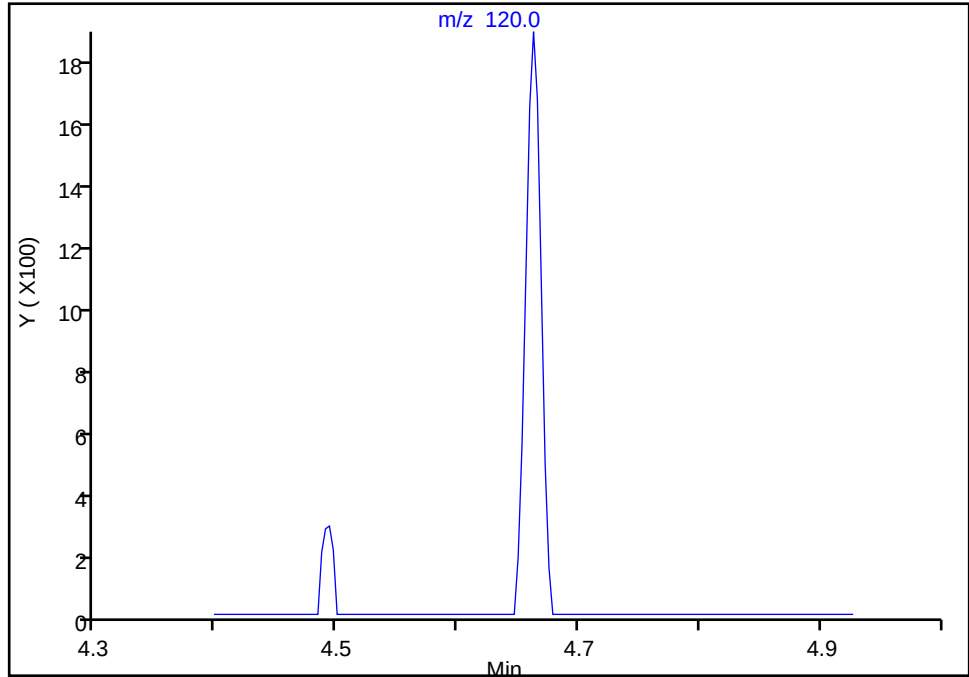
ALS Bottle#: 9 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

29 n,n'-Dimethylaniline, CAS: 121-69-7

Signal: 1

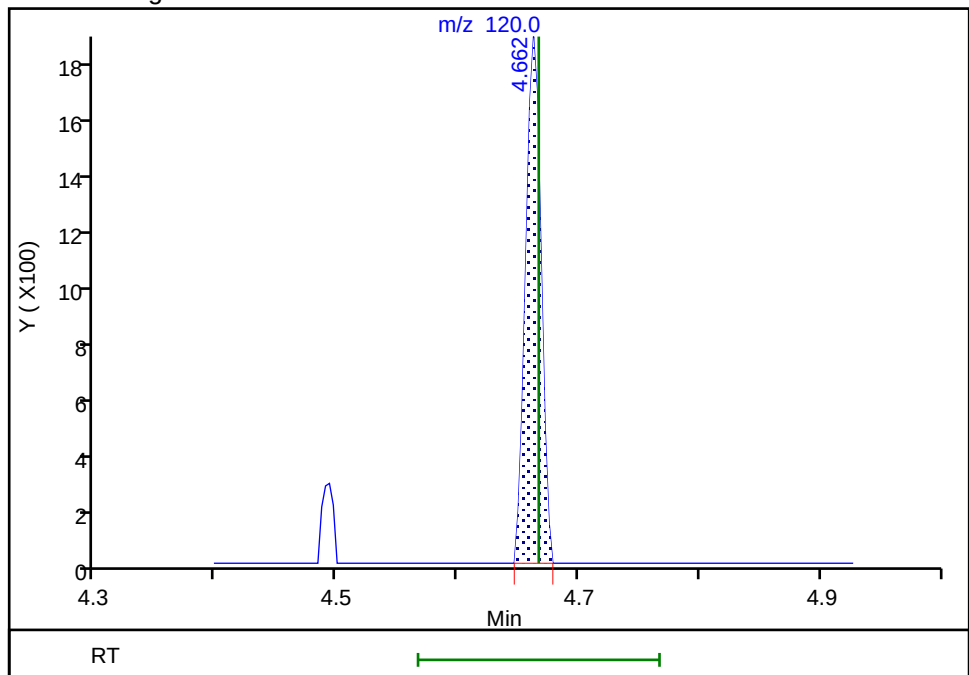
Not Detected
Expected RT: 4.67

Processing Integration Results



RT: 4.66
Area: 1672
Amount: 0.099162
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 14:03:35
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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Eurofins TestAmerica, Edison

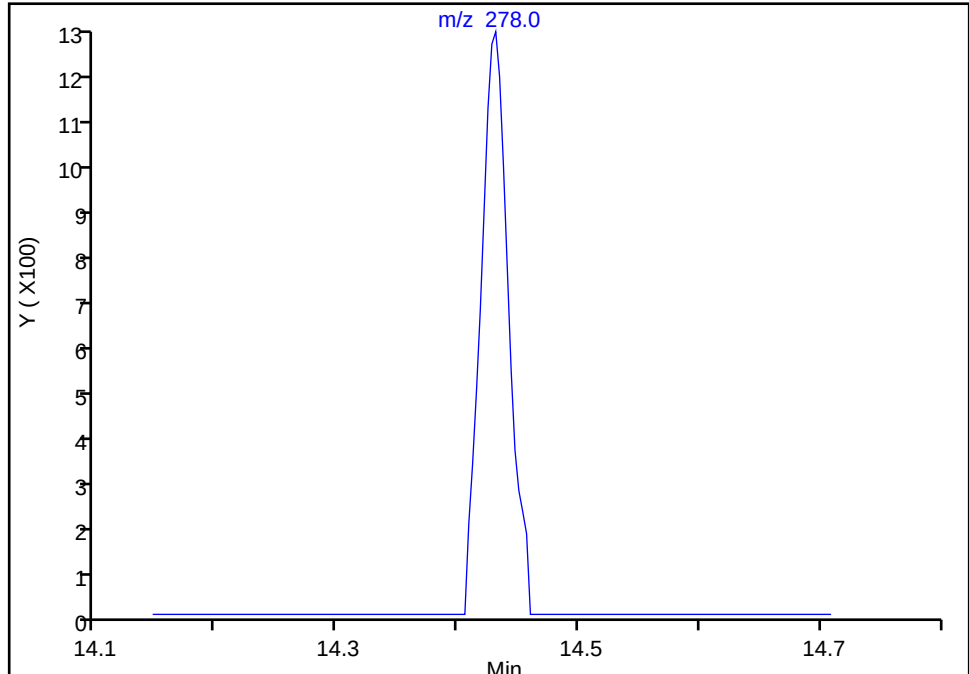
Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
Injection Date: 20-Apr-2020 13:39:30 Instrument ID: CBNAMS17
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_17 Limit Group: SV 8270D ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

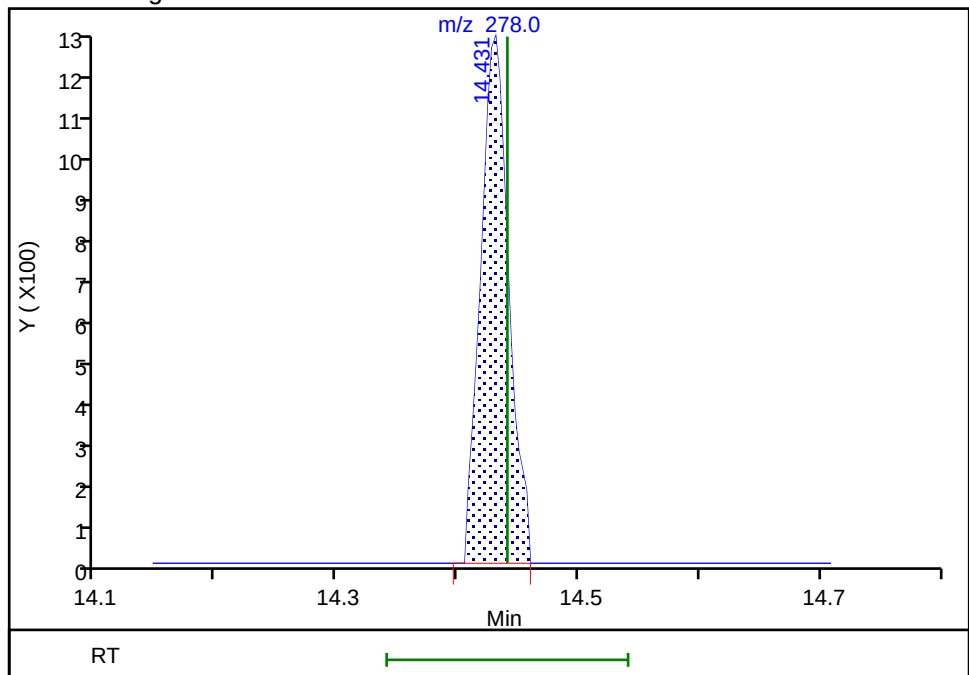
Not Detected
Expected RT: 14.44

Processing Integration Results



RT: 14.43
Area: 1949
Amount: 0.077451
Amount Units: ug/ml

Manual Integration Results



Reviewer: johnstonm1, 20-Apr-2020 14:03:40
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected
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FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-705963/2 Calibration Date: 07/04/2020 20:14
 Instrument ID: CBNAMS17 Calib Start Date: 04/20/2020 11:12
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 04/20/2020 13:39
 Lab File ID: M133906.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6076	0.4800	0.0100	7900	10000	-21.0*	20.0
N-Nitrosodimethylamine	Ave	0.8838	0.7554		8550	10000	-14.5	20.0
Pyridine	Ave	1.500	1.262		16800	20000	-15.9	20.0
Benzaldehyde	Ave	1.219	0.6967	0.0100	2290	4000	-42.8*	20.0
Aniline	Ave	2.266	2.104		9290	10000	-7.1	20.0
Phenol	Ave	1.940	1.735	0.8000	8940	10000	-10.6	20.0
Bis(2-chloroethyl)ether	Ave	1.353	1.273	0.7000	9410	10000	-5.9	20.0
2-Chlorophenol	Ave	1.352	1.354	0.8000	10000	10000	0.0	20.0
n-Decane	Ave	1.803	1.472	0.0100	8170	10000	-18.3	20.0
1,3-Dichlorobenzene	Ave	1.641	1.617		9850	10000	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.673	1.637		9780	10000	-2.2	20.0
Benzyl alcohol	Ave	0.8831	0.8322	0.0100	9420	10000	-5.8	20.0
1,2-Dichlorobenzene	Ave	1.585	1.561		9850	10000	-1.5	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.523	2.032	0.0100	8050	10000	-19.5	20.0
2-Methylphenol	Ave	1.294	1.224	0.7000	9460	10000	-5.4	20.0
N-Methylaniline	Ave	2.220	2.132		9610	10000	-3.9	20.0
Acetophenone	Ave	2.146	1.950	0.0100	9090	10000	-9.1	20.0
N-Nitrosodi-n-propylamine	Ave	1.115	0.995	0.5000	8930	10000	-10.7	20.0
3 & 4 Methylphenol	Ave	1.390	1.307		9410	10000	-5.9	20.0
4-Methylphenol	Ave	1.389	1.306	0.6000	9410	10000	-5.9	20.0
Hexachloroethane	Ave	0.6244	0.6440	0.3000	10300	10000	3.1	20.0
Nitrobenzene	Lin2		0.6642	0.2000	9550	10000	-4.5	20.0
n,n'-Dimethylaniline	Ave	2.070	1.961	0.0100	9480	10000	-5.2	20.0
Isophorone	Ave	0.7210	0.6854	0.4000	9510	10000	-4.9	20.0
2-Nitrophenol	Ave	0.1910	0.2056	0.1000	10800	10000	7.7	20.0
2,4-Dimethylphenol	Ave	0.3110	0.3051	0.2000	9810	10000	-1.9	20.0
Bis(2-chloroethoxy)methane	Ave	0.4654	0.4342	0.3000	9330	10000	-6.7	20.0
Benzoic acid	Ave	0.1715	0.2014		11700	10000	17.4	20.0
2,4-Dichlorophenol	Ave	0.3235	0.3302	0.2000	10200	10000	2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3608	0.3781		10500	10000	4.8	20.0
Naphthalene	Ave	1.038	1.029	0.7000	9920	10000	-0.8	20.0
4-Chloroaniline	Ave	0.4495	0.4375	0.0100	9730	10000	-2.7	20.0
Hexachlorobutadiene	Ave	0.2179	0.2334	0.0100	10700	10000	7.1	20.0
Caprolactam	Ave	0.0806	0.0830	0.0100	4120	4000	3.0	20.0
4-Chloro-3-methylphenol	Ave	0.3095	0.3067		9910	10000	-0.9	20.0
2-Methylnaphthalene	Ave	0.7126	0.7158	0.4000	10000	10000	0.4	20.0
1-Methylnaphthalene	Ave	0.6732	0.6670	0.0100	9910	10000	-0.9	20.0
Hexachlorocyclopentadiene	Ave	0.5167	0.5196	0.0500	10100	10000	0.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6997	0.7288	0.0100	10400	10000	4.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4180	0.4312	0.0100	10300	10000	3.2	20.0
2,4,6-Trichlorophenol	Ave	0.4143	0.4511	0.2000	10900	10000	8.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-705963/2 Calibration Date: 07/04/2020 20:14
 Instrument ID: CBNAMS17 Calib Start Date: 04/20/2020 11:12
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 04/20/2020 13:39
 Lab File ID: M133906.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4639	0.4881	0.2000	10500	10000	5.2	20.0
Diphenyl	Ave	1.601	1.567	0.0100	9780	10000	-2.2	20.0
2-Chloronaphthalene	Ave	1.273	1.272	0.8000	9990	10000	-0.1	20.0
Phenyl ether	Ave	0.8532	0.8496	0.0100	9960	10000	-0.4	20.0
2-Nitroaniline	Ave	0.4888	0.3744	0.0100	7660	10000	-23.4*	20.0
1,3-Dimethylnaphthalene	Ave	0.9131	0.9296	0.0100	10200	10000	1.8	20.0
Coumarin	Ave	0.2598	0.2470	0.0100	9510	10000	-4.9	20.0
Dimethyl phthalate	Ave	1.406	1.365	0.0100	9710	10000	-2.9	20.0
2,6-Dinitrotoluene	Ave	0.2930	0.3125	0.2000	10700	10000	6.6	20.0
Acenaphthylene	Ave	1.850	1.856	0.9000	10000	10000	0.3	20.0
3-Nitroaniline	Ave	0.3315	0.3284	0.0100	9910	10000	-0.9	20.0
Acenaphthene	Ave	1.179	1.136	0.9000	9630	10000	-3.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.103	1.128	0.0100	10200	10000	2.3	20.0
2,4-Dinitrophenol	Ave	0.1616	0.1898	0.0100	23500	20000	17.4	20.0
Dibenzofuran	Ave	1.815	1.803	0.8000	9930	10000	-0.7	20.0
4-Nitrophenol	Ave	0.2704	0.2507	0.0100	18500	20000	-7.3	20.0
2,4-Dinitrotoluene	Ave	0.3806	0.4009	0.2000	10500	10000	5.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3703	0.3934	0.0100	10600	10000	6.2	20.0
Diethyl phthalate	Ave	1.386	1.335	0.0100	9630	10000	-3.7	20.0
Fluorene	Ave	1.368	1.340	0.9000	9800	10000	-2.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.7079	0.7177	0.4000	10100	10000	1.4	20.0
4-Nitroaniline	Ave	0.3159	0.3072	0.0100	9730	10000	-2.7	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1185	0.1344	0.0100	22700	20000	13.4	20.0
N-Nitrosodiphenylamine	Ave	0.5690	0.5689	0.0100	10000	10000	-0.0	20.0
1,2-Diphenylhydrazine	Ave	0.9147	0.8258	0.0100	9030	10000	-9.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2411	0.2620	0.1000	10900	10000	8.6	20.0
Hexachlorobenzene	Ave	0.2997	0.3273	0.1000	10900	10000	9.2	20.0
Atrazine	Ave	0.1994	0.2069	0.0100	4150	4000	3.8	20.0
Pentachlorophenol	Ave	0.1496	0.1648	0.0500	22000	20000	10.2	20.0
Pentachloronitrobenzene	Ave	0.1137	0.1194	0.0100	10500	10000	4.9	20.0
n-Octadecane	Ave	0.6516	0.5740	0.0100	8810	10000	-11.9	20.0
Phenanthrene	Ave	1.141	1.137	0.7000	9960	10000	-0.4	20.0
Anthracene	Ave	1.159	1.166	0.7000	10100	10000	0.6	20.0
Carbazole	Ave	0.9807	0.9742	0.0100	9930	10000	-0.7	20.0
Di-n-butyl phthalate	Ave	1.219	1.195	0.0100	9810	10000	-1.9	20.0
Fluoranthene	Ave	1.099	1.151	0.6000	10500	10000	4.8	20.0
Benzidine	Qua		0.5218		11400	10000	13.6	20.0
Pyrene	Ave	1.549	1.542	0.6000	9960	10000	-0.4	20.0
Bisphenol-A	Ave	0.5757	0.5750		9990	10000	-0.1	20.0
Butyl benzyl phthalate	Ave	0.5967	0.5893	0.0100	9880	10000	-1.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-705963/2 Calibration Date: 07/04/2020 20:14
 Instrument ID: CBNAMS17 Calib Start Date: 04/20/2020 11:12
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 04/20/2020 13:39
 Lab File ID: M133906.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.1759	0.1480	0.0100	84.2	100	-15.8	20.0
Carbamazepine	Ave	0.4784	0.5395	0.0100	11300	10000	12.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4830	0.5362	0.0100	11100	10000	11.0	20.0
Benzo[a]anthracene	Ave	1.323	1.375	0.8000	10400	10000	3.9	20.0
Chrysene	Ave	1.301	1.337	0.7000	10300	10000	2.8	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8620	0.8508	0.0100	9870	10000	-1.3	20.0
Di-n-octyl phthalate	Ave	1.298	1.307	0.0100	10100	10000	0.7	20.0
Benzo[b]fluoranthene	Ave	1.109	1.250	0.7000	11300	10000	12.7	20.0
Benzo[k]fluoranthene	Ave	1.171	1.289	0.7000	11000	10000	10.0	20.0
Benzo[a]pyrene	Ave	0.9756	1.075	0.7000	11000	10000	10.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.062	1.141	0.5000	10700	10000	7.4	20.0
Dibenz(a,h)anthracene	Ave	1.063	1.092	0.4000	10300	10000	2.7	20.0
Benzo[g,h,i]perylene	Ave	1.187	1.189	0.5000	10000	10000	0.2	20.0
2-Fluorophenol	Ave	1.313	1.271		9680	10000	-3.2	20.0
Phenol-d5	Ave	1.678	1.592		9490	10000	-5.1	20.0
Nitrobenzene-d5	Ave	0.4147	0.3968		9570	10000	-4.3	20.0
2-Fluorobiphenyl	Ave	1.487	1.481		9960	10000	-0.4	20.0
2,4,6-Tribromophenol	Ave	0.2548	0.2985		11700	10000	17.2	20.0
Terphenyl-d14	Ave	1.057	1.096		10400	10000	3.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133906.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 04-Jul-2020 20:14:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-002
 Operator ID: Instrument ID: CBNAMS17
 Sublist: chrom-8270LVI_17*sub22
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 09:53:53 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last Ical File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: hamziy

Date: 04-Jul-2020 20:37:17

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	1.241	1.241	0.000	98	39729	10.0	7.90	
2 N-Nitrosodimethylamine	74	1.416	1.416	0.000	88	62526	10.0	8.55	
3 Pyridine	79	1.438	1.438	0.000	89	208860	20.0	16.8	
\$ 4 2-Fluorophenol	112	2.418	2.418	0.000	94	105177	10.0	9.68	
5 Benzaldehyde	77	3.183	3.183	0.000	95	23066	4.00	2.29	
8 Aniline	93	3.301	3.301	0.000	100	174180	10.0	9.29	
\$ 6 Phenol-d5	99	3.311	3.311	0.000	97	131746	10.0	9.49	
7 Phenol	94	3.327	3.327	0.000	99	143569	10.0	8.94	
9 Bis(2-chloroethyl)ether	93	3.368	3.368	0.000	92	105391	10.0	9.41	
10 Benzonitrile	103	3.375	3.375	0.000	99	216681	NC	NC	
11 2-Chlorophenol	128	3.426	3.426	0.000	94	112046	10.0	10.0	
12 n-Decane	43	3.487	3.487	0.000	92	121856	10.0	8.17	
13 1,3-Dichlorobenzene	146	3.566	3.566	0.000	95	133805	10.0	9.85	
* 14 1,4-Dichlorobenzene-d4	152	3.624	3.624	0.000	96	66217	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.640	3.640	0.000	95	135463	10.0	9.78	
16 Benzyl alcohol	108	3.790	3.790	0.000	93	68885	10.0	9.42	
17 1,2-Dichlorobenzene	146	3.796	3.796	0.000	96	129222	10.0	9.85	
19 2,2'-oxybis[1-chloropropane]	45	3.924	3.924	0.000	93	168180	10.0	8.05	
18 2-Methylphenol	108	3.933	3.933	0.000	88	101327	10.0	9.46	
20 N-Methylaniline	106	4.039	4.039	0.000	98	176491	10.0	9.61	
21 Acetophenone	105	4.045	4.045	0.000	95	161407	10.0	9.09	
22 N-Nitrosodi-n-propylamine	70	4.058	4.058	0.000	88	82390	10.0	8.93	
24 4-Methylphenol	108	4.096	4.096	0.000	95	108116	10.0	9.41	
23 3 & 4 Methylphenol	108	4.096	4.096	0.000	64	108216	10.0	9.41	
25 Hexachloroethane	117	4.135	4.135	0.000	92	53307	10.0	10.3	
\$ 27 Nitrobenzene-d5	82	4.195	4.195	0.000	90	122871	10.0	9.57	
28 Nitrobenzene	123	4.214	4.214	0.000	93	54975	10.0	9.55	
29 n,n'-Dimethylaniline	120	4.221	4.221	0.000	92	162344	10.0	9.48	
30 Isophorone	82	4.463	4.463	0.000	99	212220	10.0	9.51	
32 2-Nitrophenol	139	4.540	4.540	0.000	91	63669	10.0	10.8	
33 2,4-Dimethylphenol	122	4.629	4.629	0.000	89	94474	10.0	9.81	

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	4.706	4.706	0.000	96	134450	10.0	9.33	
35 Benzoic acid	122	4.773	4.773	0.000	88	62341	10.0	11.7	
36 2,4-Dichlorophenol	162	4.805	4.805	0.000	96	102222	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	4.872	4.872	0.000	94	117077	10.0	10.5	
* 38 Naphthalene-d8	136	4.920	4.920	0.000	100	247696	8.00	8.00	
39 Naphthalene	128	4.942	4.942	0.000	99	318548	10.0	9.92	
40 4-Chloroaniline	127	5.022	5.022	0.000	96	135465	10.0	9.73	
130 2,6-Dichlorophenol	162	5.028	5.028	0.000	97	99618	NC	NC	
41 Hexachlorobutadiene	225	5.089	5.089	0.000	97	72260	10.0	10.7	
42 Caprolactam	113	5.364	5.364	0.000	89	10283	4.00	4.12	M
43 4-Chloro-3-methylphenol	107	5.558	5.558	0.000	97	94957	10.0	9.91	
44 2-Methylnaphthalene	142	5.648	5.648	0.000	84	221622	10.0	10.0	
45 1-Methylnaphthalene	142	5.743	5.743	0.000	92	206524	10.0	9.91	
46 Hexachlorocyclopentadiene	237	5.820	5.820	0.000	98	88413	10.0	10.1	
47 1,2,4,5-Tetrachlorobenzene	216	5.823	5.823	0.000	98	124020	10.0	10.4	
48 2-tertbutyl-4-methylphenol	149	5.900	5.900	0.000	90	133501	10.0	10.3	
49 2,4,6-Trichlorophenol	196	5.954	5.954	0.000	90	76751	10.0	10.9	
50 2,4,5-Trichlorophenol	196	5.996	5.996	0.000	98	83055	10.0	10.5	
\$ 51 2-Fluorobiphenyl	172	6.031	6.031	0.000	97	251982	10.0	9.96	
52 1,1'-Biphenyl	154	6.124	6.124	0.000	97	266578	10.0	9.78	
53 2-Chloronaphthalene	162	6.133	6.133	0.000	98	216392	10.0	9.99	
54 Phenyl ether	170	6.232	6.232	0.000	87	144568	10.0	9.96	
55 2-Nitroaniline	65	6.254	6.254	0.000	97	63710	10.0	7.66	
57 1,3-Dimethylnaphthalene	156	6.357	6.357	0.000	91	158185	10.0	10.2	
60 Coumarin	146	6.446	6.446	0.000	81	76487	10.0	9.51	
59 Dimethyl phthalate	163	6.452	6.452	0.000	98	232311	10.0	9.71	
61 2,6-Dinitrotoluene	165	6.500	6.500	0.000	95	53180	10.0	10.7	
62 Acenaphthylene	152	6.542	6.542	0.000	97	315800	10.0	10.0	
63 3-Nitroaniline	138	6.666	6.666	0.000	95	55886	10.0	9.91	
* 64 Acenaphthene-d10	164	6.686	6.686	0.000	95	136130	8.00	8.00	
66 Acenaphthene	154	6.717	6.717	0.000	96	193332	10.0	9.63	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.740	6.740	0.000	98	191957	10.0	10.2	
67 2,4-Dinitrophenol	184	6.772	6.772	0.000	96	64583	20.0	23.5	
70 Dibenzofuran	168	6.890	6.890	0.000	96	306838	10.0	9.93	
68 4-Nitrophenol	65	6.893	6.893	0.000	82	85330	20.0	18.5	
69 2,4-Dinitrotoluene	165	6.900	6.900	0.000	96	68209	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.030	7.030	0.000	96	66948	10.0	10.6	
73 Diethyl phthalate	149	7.155	7.155	0.000	98	227111	10.0	9.63	
75 Fluorene	166	7.225	7.225	0.000	94	228101	10.0	9.80	
74 4-Chlorophenyl phenyl ether	204	7.241	7.241	0.000	91	122126	10.0	10.1	
76 4-Nitroaniline	138	7.276	7.276	0.000	90	52277	10.0	9.73	
77 4,6-Dinitro-2-methylphenol	198	7.302	7.302	0.000	87	77666	20.0	22.7	
78 N-Nitrosodiphenylamine	169	7.363	7.363	0.000	55	164440	10.0	10.0	
79 1,2-Diphenylhydrazine	77	7.395	7.395	0.000	99	238675	10.0	9.03	
\$ 80 2,4,6-Tribromophenol	330	7.468	7.468	0.000	92	50801	10.0	11.7	
81 4-Bromophenyl phenyl ether	248	7.717	7.717	0.000	93	75720	10.0	10.9	
82 Hexachlorobenzene	284	7.775	7.775	0.000	97	94613	10.0	10.9	
83 Atrazine	200	7.905	7.905	0.000	92	23925	4.00	4.15	
84 Pentachlorophenol	266	7.982	7.982	0.000	94	95287	20.0	22.0	
85 Pentachloronitrobenzene	237	7.989	7.989	0.000	90	34499	10.0	10.5	
86 n-Octadecane	57	8.094	8.094	0.000	92	165907	10.0	8.81	
* 87 Phenanthrene-d10	188	8.142	8.142	0.000	99	231227	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
88 Phenanthrene	178	8.168	8.168	0.000	98	328570	10.0	9.96	
89 Anthracene	178	8.215	8.215	0.000	98	337111	10.0	10.1	
90 Carbazole	167	8.391	8.391	0.000	96	281564	10.0	9.93	
91 Di-n-butyl phthalate	149	8.761	8.761	0.000	99	345538	10.0	9.81	
92 Fluoranthene	202	9.329	9.329	0.000	97	332697	10.0	10.5	
93 Benzidine	184	9.482	9.482	0.000	99	150818	10.0	11.4	
94 Pyrene	202	9.546	9.546	0.000	97	338633	10.0	9.96	
95 Bisphenol-A	213	9.645	9.645	0.000	98	126274	10.0	9.99	
\$ 96 Terphenyl-d14	244	9.722	9.722	0.000	100	240741	10.0	10.4	
97 Butyl benzyl phthalate	149	10.220	10.220	0.000	97	129410	10.0	9.88	
98 2,3,7,8-TCDD	320	10.296	10.296	0.000	88	325	0.1000	0.0842	
99 Carbamazepine	193	10.312	10.312	0.000	93	118470	10.0	11.3	
100 3,3'-Dichlorobenzidine	252	10.759	10.759	0.000	99	117745	10.0	11.1	
101 Benzo[a]anthracene	228	10.765	10.765	0.000	99	301900	10.0	10.4	
* 102 Chrysene-d12	240	10.778	10.778	0.000	99	175678	8.00	8.00	
104 Chrysene	228	10.804	10.804	0.000	98	293626	10.0	10.3	
103 Bis(2-ethylhexyl) phthalate	149	10.855	10.855	0.000	87	186823	10.0	9.87	
105 Di-n-octyl phthalate	149	11.624	11.624	0.000	97	294324	10.0	10.1	
106 Benzo[b]fluoranthene	252	12.036	12.036	0.000	99	281560	10.0	11.3	
107 Benzo[k]fluoranthene	252	12.068	12.068	0.000	99	290392	10.0	11.0	
108 Benzo[a]pyrene	252	12.438	12.438	0.000	97	242090	10.0	11.0	
* 109 Perylene-d12	264	12.511	12.511	0.000	99	180205	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.871	13.871	0.000	99	256970	10.0	10.7	
111 Dibenz(a,h)anthracene	278	13.906	13.906	0.000	98	245987	10.0	10.3	
112 Benzo[g,h,i]perylene	276	14.200	14.200	0.000	98	267820	10.0	10.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

Reagents:

SV_BNAL7_LVI_00002

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133906.D

Injection Date: 04-Jul-2020 20:14:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

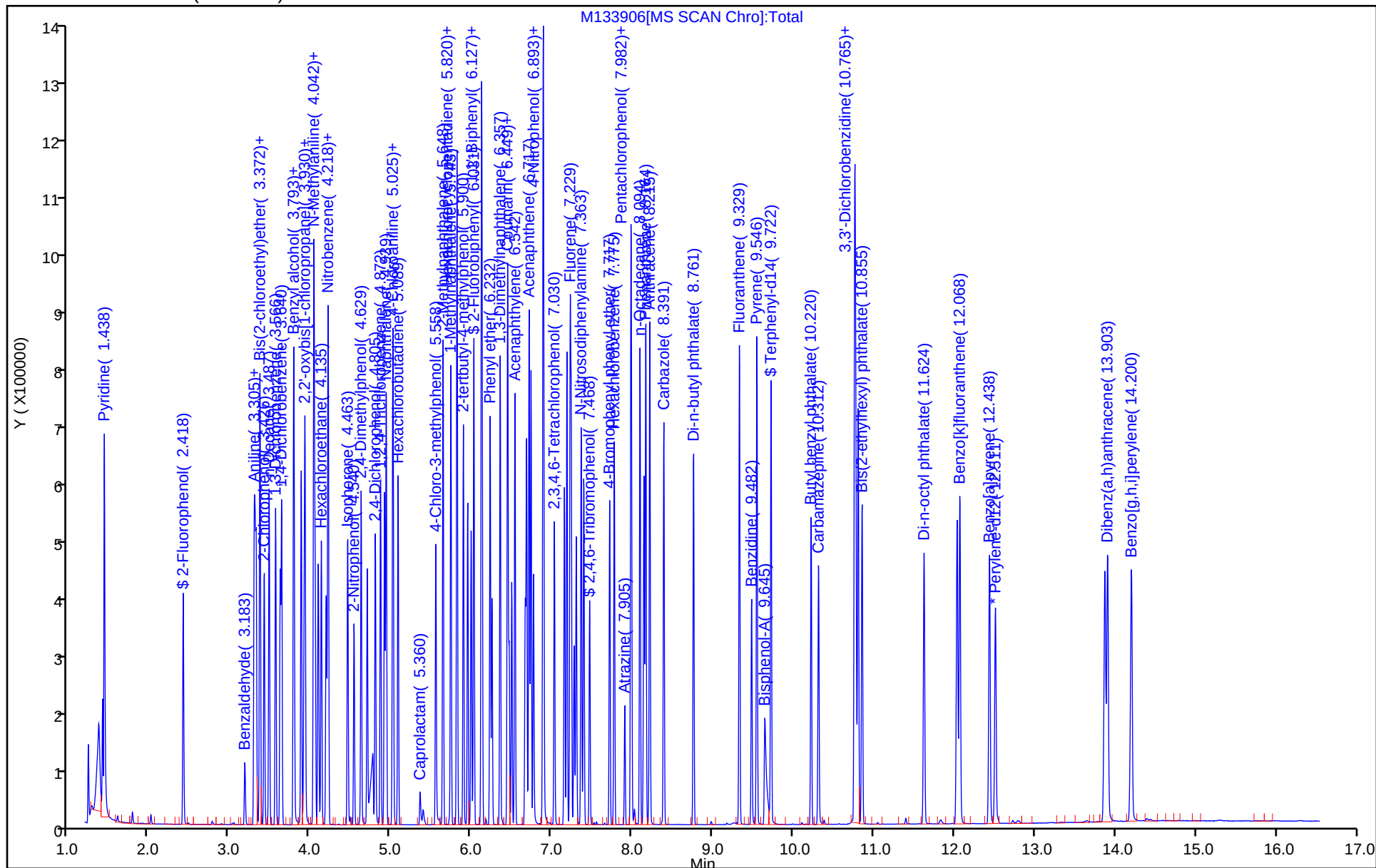
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133906.D
Injection Date: 04-Jul-2020 20:14:30 Instrument ID: CBNAMS17
Lims ID: ccvis
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17
Column: Rtxi-5Sil MS (0.25 mm)

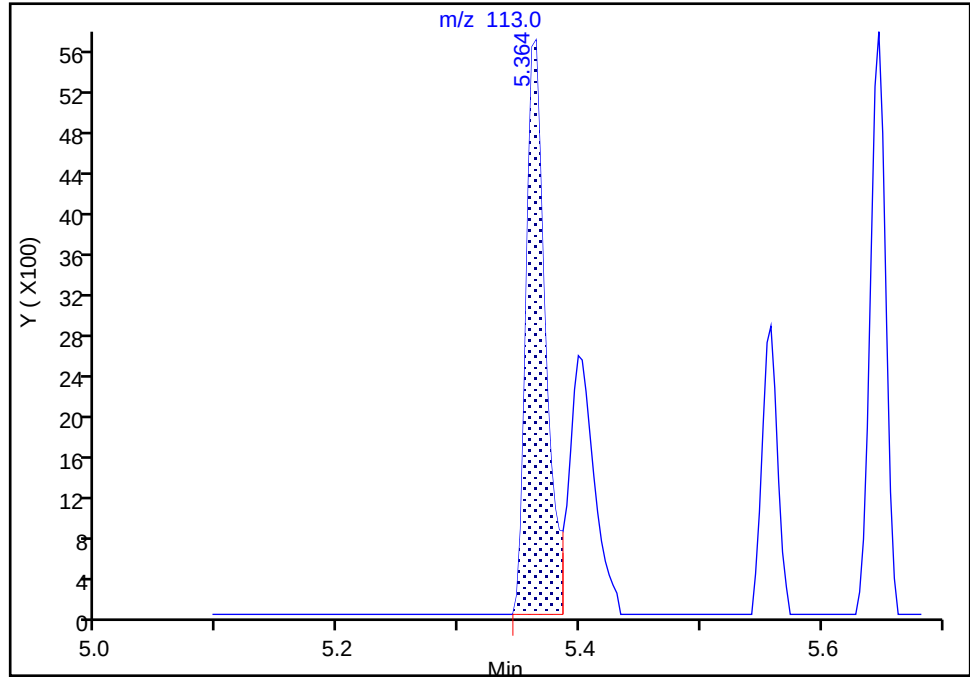
ALS Bottle#: 2 Worklist Smp#: 2
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL
Detector: MS SCAN

42 Caprolactam, CAS: 105-60-2

Signal: 1

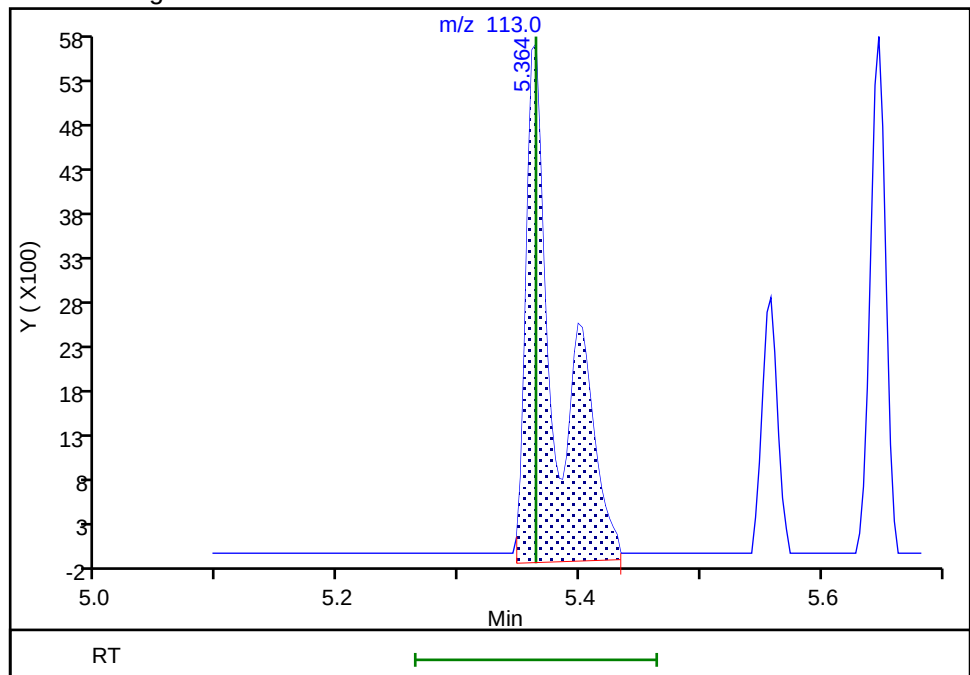
RT: 5.36
Area: 6282
Amount: 2.516653
Amount Units: ug/ml

Processing Integration Results



RT: 5.36
Area: 10283
Amount: 4.119507
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 04-Jul-2020 20:33:39
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 639 of 684

07/09/2020

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 20-Apr-2020 10:56:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0108818-001
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 20-Apr-2020 15:44:23 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX0333

First Level Reviewer: johnstonm1

Date: 20-Apr-2020 11:10:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	4.219	4.219	0.000	92	33117	NR	NR	
56 Benzidine_T	184	5.470	5.470	0.000	99	210178	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	5.917	5.917	0.000	90	320		NR	
127 4,4'-DDT	235	6.127	6.127	0.000	98	117957	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SMDFTP_CH_00030

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D

Injection Date: 20-Apr-2020 10:56:30

Instrument ID: CBNAMS17

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

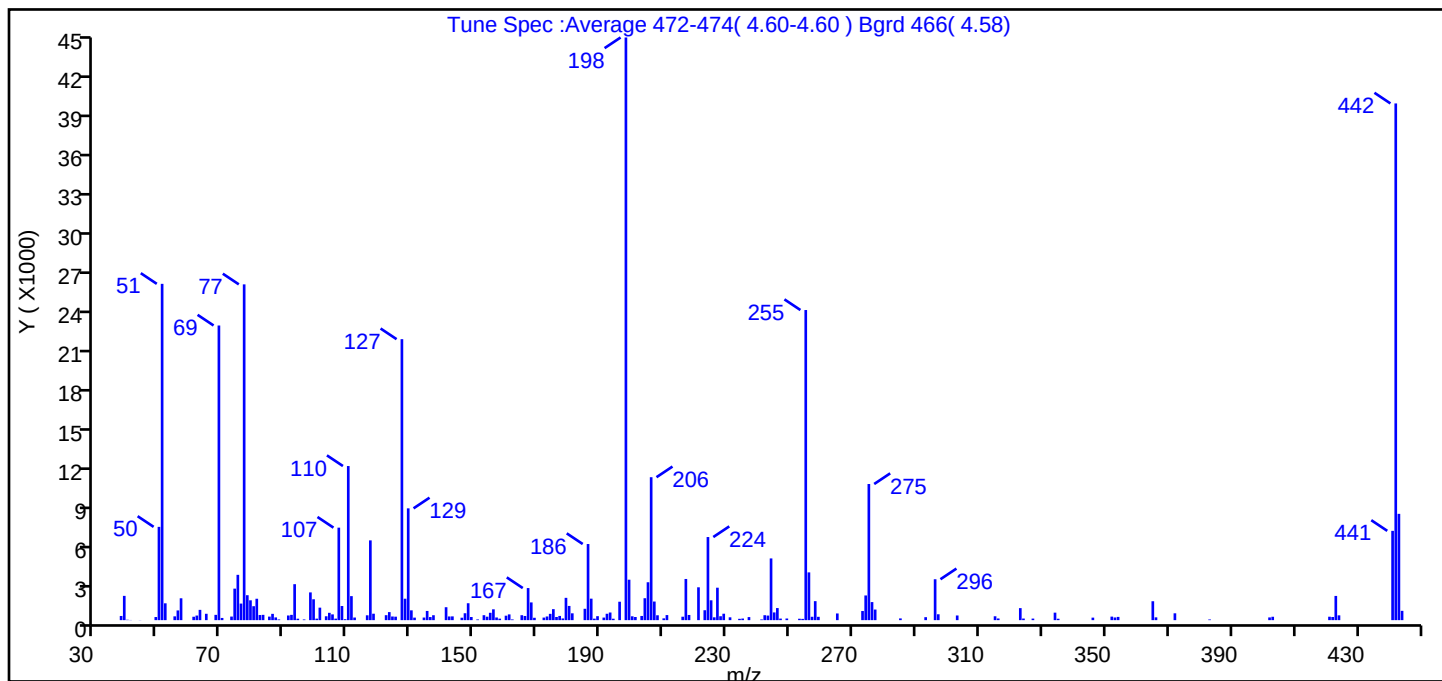
Dil. Factor: 1.0000

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (112.8)
51	10-80% of the base peak	57.7
68	<2% of mass 69	0.9 (1.8)
69	Present	50.6
70	<2% of mass 69	0.4 (0.7)
127	10-80% of the base peak	48.2
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.9
275	10-60% of the base peak	23.4
365	>1% of mass 198	3.2
441	present but <24% of mass 442	15.3 (17.3)
442	base peak, or >50% of 198	88.7
443	15-24% of mass 442	18.2 (20.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D\8270LVI_17.rslt\spectra.d
Injection Date: 20-Apr-2020 10:56:30
Spectrum: Tune Spec :Average 472-474(4.60-4.60) Bgrd 466(4.58)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 189

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	317	108.00	1074	177.00	320	247.00	118
39.00	1846	109.00	71	178.00	129	249.00	124
40.00	30	110.00	11720	179.00	1696	253.00	107
41.00	13	111.00	1826	180.00	1080	254.00	96
44.00	9	112.00	199	181.00	519	255.00	23584
49.00	237	116.00	368	185.00	864	256.00	3632
50.00	7094	117.00	6066	186.00	5789	257.00	256
51.00	25576	118.00	489	187.00	1634	258.00	1444
52.00	1280	122.00	377	188.00	113	259.00	253
55.00	289	123.00	611	189.00	302	265.00	508
56.00	739	124.00	277	191.00	195	273.00	694
57.00	1663	125.00	263	192.00	486	274.00	1877
61.00	259	127.00	21368	193.00	581	275.00	10353
62.00	349	128.00	1630	194.00	108	276.00	1373
63.00	782	129.00	8502	196.00	1401	277.00	806
65.00	484	130.00	746	198.00	44312	285.00	132
68.00	402	131.00	192	199.00	3075	293.00	226
69.00	22408	134.00	198	200.00	292	296.00	3110
70.00	167	135.00	699	201.00	239	297.00	447
73.00	272	136.00	235	203.00	318	303.00	355
74.00	2396	137.00	374	204.00	1667	315.00	295
75.00	3446	141.00	983	205.00	2882	316.00	127
76.00	1260	142.00	280	206.00	10870	323.00	914
77.00	25536	143.00	286	207.00	1415	324.00	122
78.00	1896	146.00	185	208.00	370	327.00	118
79.00	1508	147.00	525	210.00	136	334.00	570
80.00	1060	148.00	1286	211.00	385	335.00	107
81.00	1627	149.00	238	216.00	261	346.00	191
82.00	389	151.00	54	217.00	3131	352.00	268
83.00	403	153.00	376	218.00	394	353.00	203
85.00	269	154.00	262	221.00	2498	354.00	246
86.00	479	155.00	559	223.00	754	365.00	1438
87.00	207	156.00	825	224.00	6320	366.00	213

Report Date: 20-Apr-2020 15:44:24

Chrom Revision: 2.3 11-Mar-2020 18:53:20

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D\8270LVI_17.rslt\spectra.d

Injection Date: 20-Apr-2020 10:56:30

Spectrum: Tune Spec :Average 472-474(4.60-4.60) Bgrd 466(4.58)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 189

m/z	Y	m/z	Y	m/z	Y	m/z	Y
88.00	53	157.00	202	225.00	1509	372.00	520
91.00	354	158.00	114	226.00	215	383.00	52
92.00	402	160.00	339	227.00	2467	402.00	207
93.00	2735	161.00	437	228.00	297	403.00	257
94.00	110	162.00	54	229.00	489	421.00	260
96.00	52	165.00	375	231.00	215	422.00	240
98.00	2110	166.00	317	234.00	101	423.00	1841
99.00	1588	167.00	2440	235.00	122	424.00	365
100.00	114	168.00	1348	237.00	232	441.00	6790
101.00	950	169.00	180	241.00	52	442.00	39296
103.00	295	172.00	195	242.00	375	443.00	8084
104.00	557	173.00	279	243.00	347	444.00	708
105.00	438	174.00	479	244.00	4694		
106.00	115	175.00	837	245.00	587		
107.00	7034	176.00	239	246.00	919		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\W132027.D

Injection Date: 20-Apr-2020 10:56:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: dftpp

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

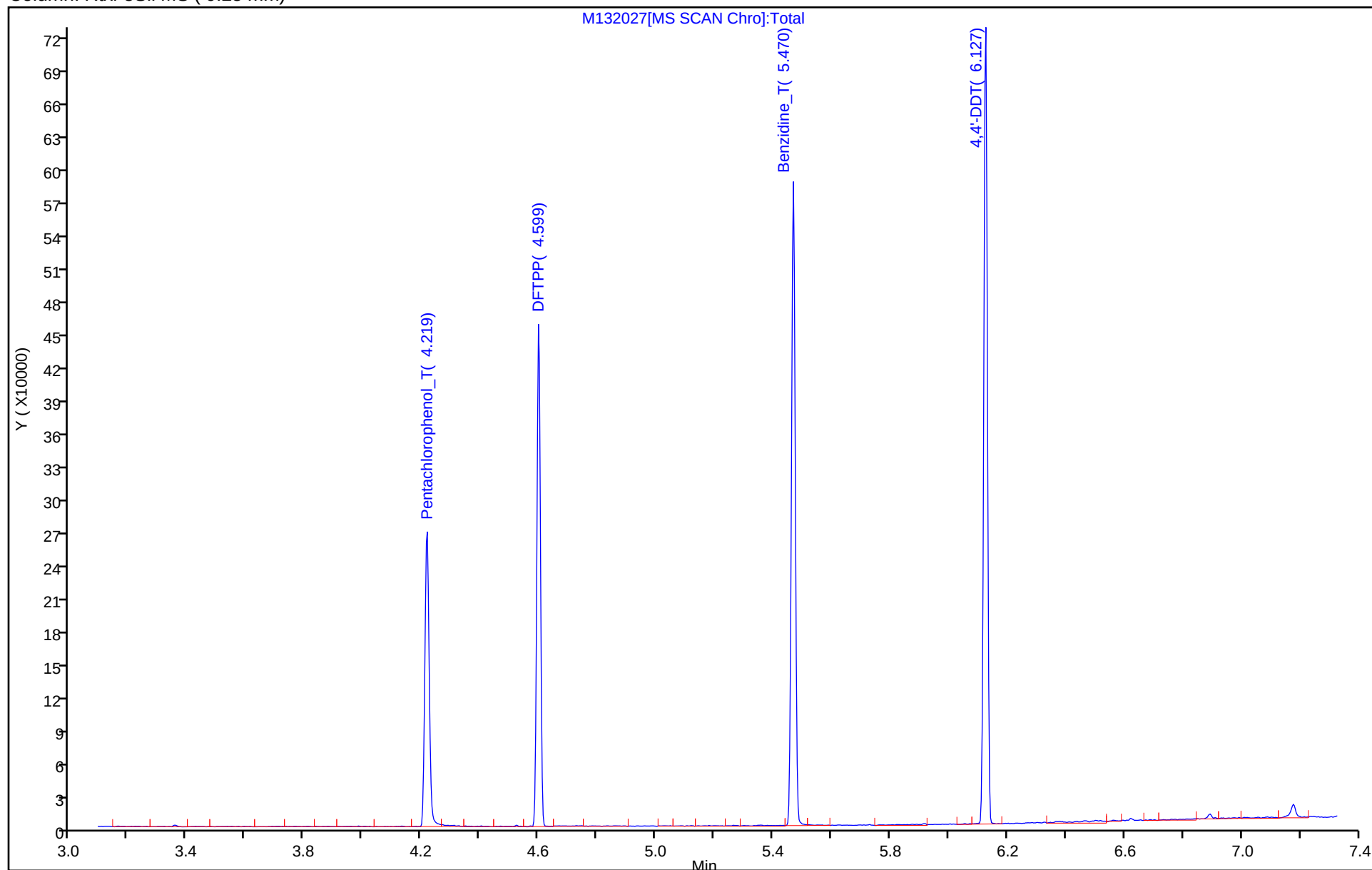
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\132027.D
Injection Date: 20-Apr-2020 10:56:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

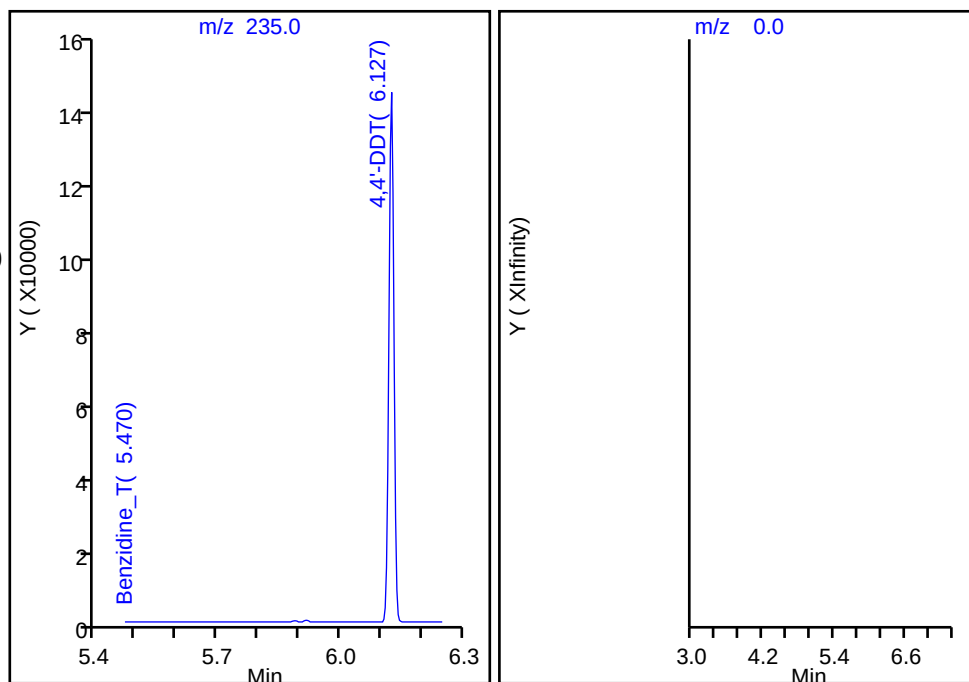
127 4,4'-DDT, Area = 117957

126 4,4'-DDD, Area = 320

125 4,4'-DDE, Area = 0

%Breakdown: 0.27%, <= 20.00%

Passed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D
Injection Date: 20-Apr-2020 10:56:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

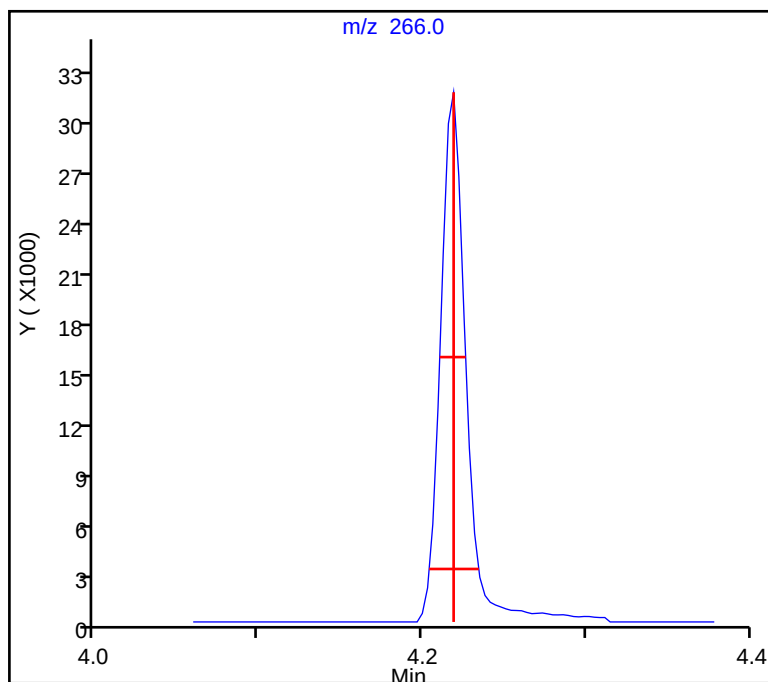
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132027.D
Injection Date: 20-Apr-2020 10:56:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

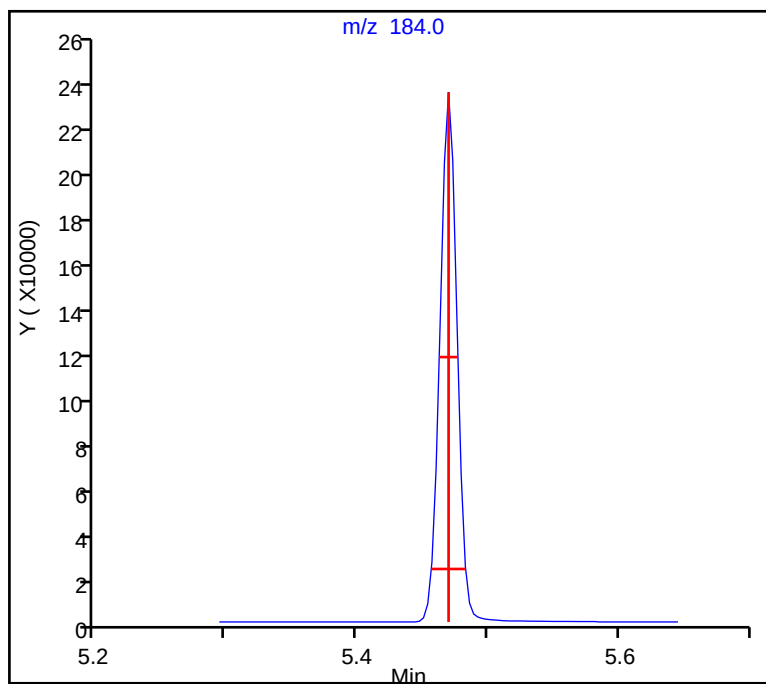
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.0, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D
 Lims ID: dftpp
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 04-Jul-2020 19:52:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-001
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 09:52:29 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: maheseep

Date: 07-Jul-2020 09:52:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
31 Pentachlorophenol_T	266	3.728	3.728	0.000	94	47758	NR	NR	
56 Benzidine_T	184	5.007	5.007	0.000	99	312725	NR	NR	
124 DFTPP									
126 4,4'-DDD	235	5.454	5.454	0.000	78	407		NR	
127 4,4'-DDT	235	5.664	5.664	0.000	99	136516	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

SMDFTP_CH_00031

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D

Injection Date: 04-Jul-2020 19:52:30

Instrument ID: CBNAMS17

Lims ID: dftpp

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 5.0 ul

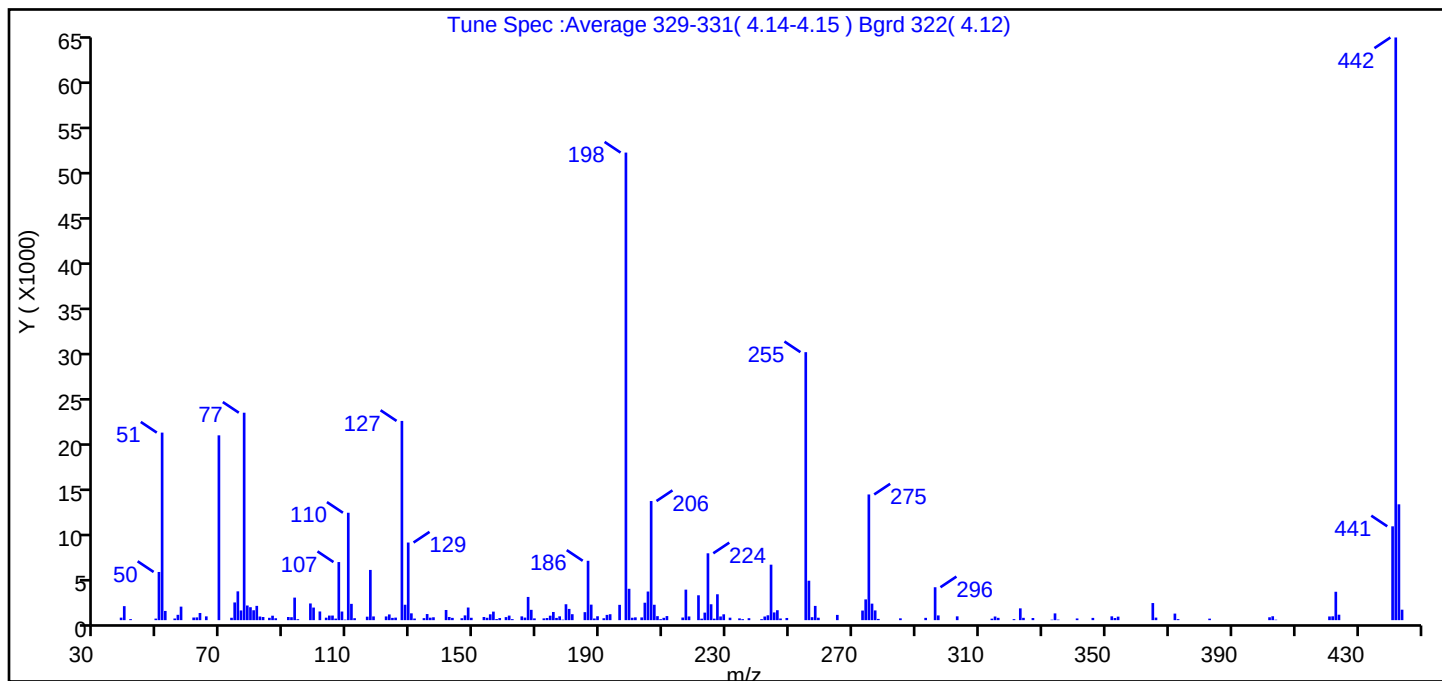
Dil. Factor: 1.0000

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Tune Method: DFTPP Method 8270D, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (80.2)
51	10-80% of the base peak	40.1
68	<2% of mass 69	0.0 (0.0)
69	Present	39.5
70	<2% of mass 69	0.0 (0.0)
127	10-80% of the base peak	42.6
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-60% of the base peak	26.9
365	>1% of mass 198	3.7
441	present but <24% of mass 442	20.1 (16.1)
442	base peak, or >50% of 198	124.6
443	15-24% of mass 442	24.8 (19.9)

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D\8270LVI_17.rslt\spectra.d
Injection Date: 04-Jul-2020 19:52:30
Spectrum: Tune Spec :Average 329-331(4.14-4.15) Bgrd 322(4.12)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 187

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	278	117.00	5573	186.00	6588	257.00	328
39.00	1554	118.00	413	187.00	1721	258.00	1580
41.00	114	122.00	412	188.00	182	259.00	270
49.00	171	123.00	635	189.00	432	265.00	581
50.00	5347	124.00	251	191.00	211	273.00	1064
51.00	20816	125.00	281	192.00	584	274.00	2303
52.00	1022	127.00	22112	193.00	658	275.00	13950
55.00	182	128.00	1710	196.00	1698	276.00	1832
56.00	592	129.00	8615	198.00	51896	277.00	1079
57.00	1500	130.00	757	199.00	3481	278.00	137
61.00	290	131.00	179	200.00	266	285.00	202
62.00	306	134.00	223	201.00	309	293.00	255
63.00	795	135.00	677	203.00	303	296.00	3652
65.00	420	136.00	274	204.00	1935	297.00	524
69.00	20512	137.00	318	205.00	3176	303.00	422
73.00	264	141.00	1127	206.00	13220	314.00	164
74.00	1964	142.00	351	207.00	1708	315.00	404
75.00	3197	143.00	252	208.00	443	316.00	256
76.00	1077	146.00	213	209.00	107	321.00	111
77.00	23024	147.00	528	210.00	258	323.00	1309
78.00	1624	148.00	1401	211.00	451	324.00	256
79.00	1435	149.00	263	216.00	291	327.00	236
80.00	1097	153.00	348	217.00	3386	333.00	52
81.00	1584	154.00	262	218.00	409	334.00	749
82.00	401	155.00	647	221.00	2760	335.00	59
83.00	347	156.00	946	222.00	163	341.00	187
85.00	259	157.00	120	223.00	835	346.00	250
86.00	493	158.00	232	224.00	7420	352.00	423
87.00	210	160.00	338	225.00	1763	353.00	236
91.00	349	161.00	505	226.00	165	354.00	389
92.00	326	162.00	114	227.00	2872	365.00	1897
93.00	2501	165.00	419	228.00	408	366.00	283
94.00	105	166.00	283	229.00	649	372.00	728

Report Date: 07-Jul-2020 09:52:30

Chrom Revision: 2.3 21-Jun-2020 18:30:46

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D\8270LVI_17.rslt\spectra.d

Injection Date: 04-Jul-2020 19:52:30

Spectrum: Tune Spec :Average 329-331(4.14-4.15) Bgrd 322(4.12)

Base Peak: 442.00

Minimum % Base Peak: 0

Number of Points: 187

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	1853	167.00	2576	231.00	274	373.00	114
99.00	1397	168.00	1145	234.00	197	383.00	168
101.00	963	169.00	194	235.00	108	402.00	318
103.00	273	172.00	196	237.00	215	403.00	431
104.00	508	173.00	237	241.00	108	404.00	52
105.00	510	174.00	495	242.00	403	421.00	409
106.00	172	175.00	906	243.00	539	422.00	426
107.00	6447	176.00	248	244.00	6157	423.00	3150
108.00	956	177.00	424	245.00	857	424.00	604
109.00	58	178.00	53	246.00	1102	441.00	10414
110.00	11920	179.00	1766	247.00	183	442.00	64672
111.00	1808	180.00	1247	249.00	241	443.00	12857
112.00	214	181.00	661	255.00	29744	444.00	1160
116.00	385	185.00	886	256.00	4377		

Report Date: 07-Jul-2020 09:52:30

Chrom Revision: 2.3 21-Jun-2020 18:30:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D

Injection Date: 04-Jul-2020 19:52:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: dftpp

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

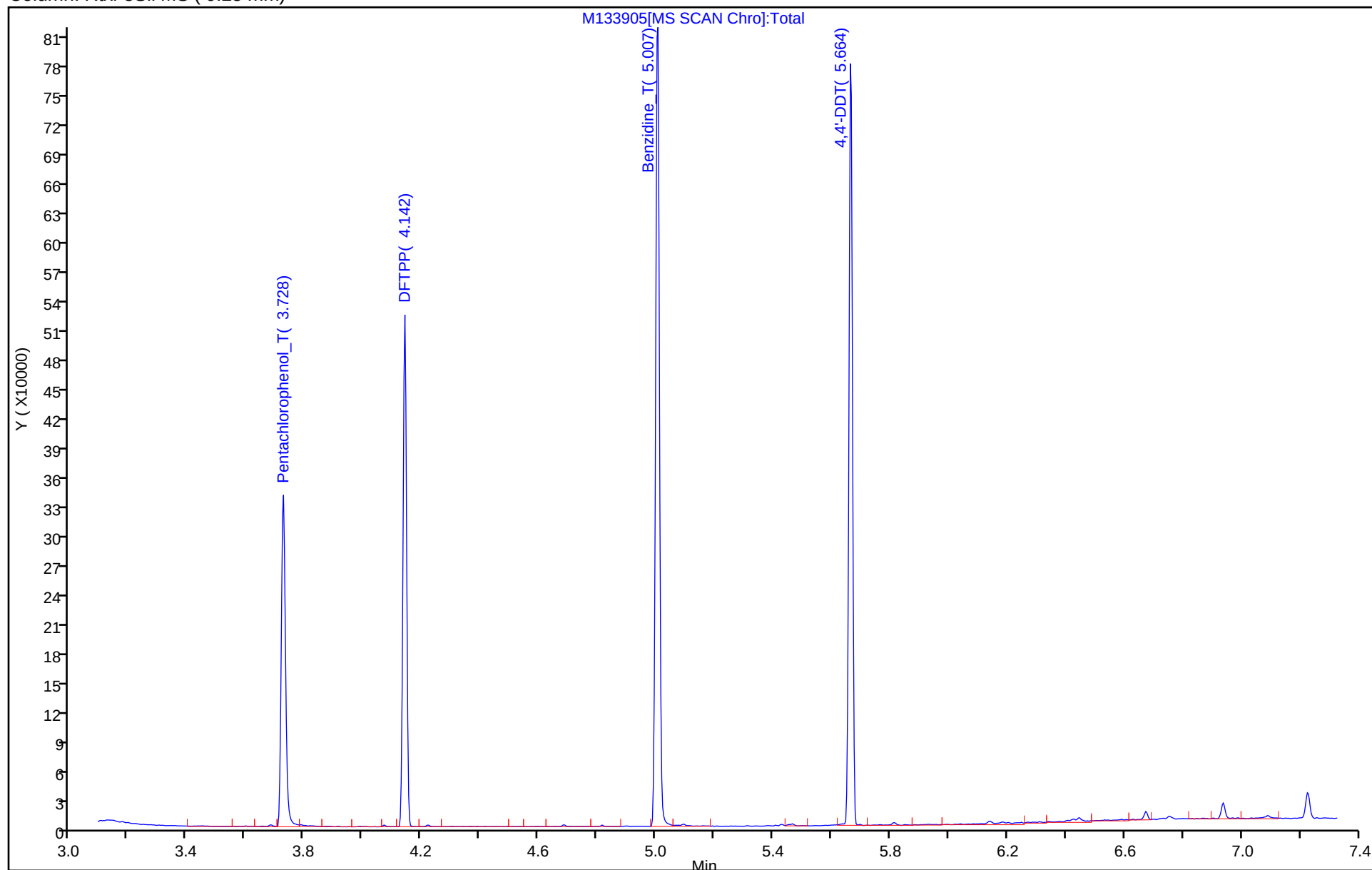
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133905.D
Injection Date: 04-Jul-2020 19:52:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

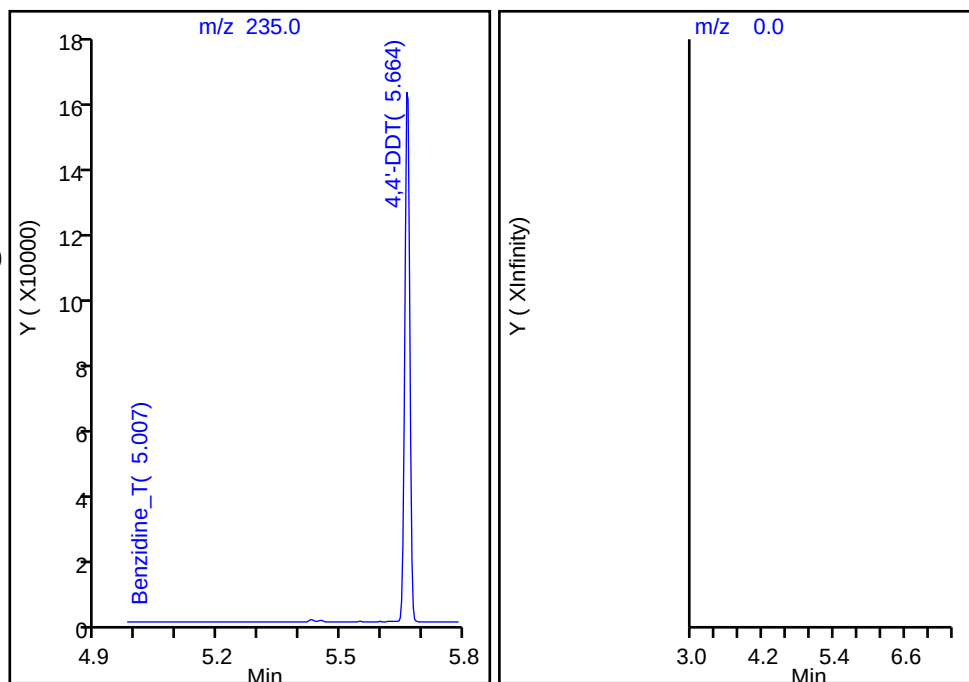
127 4,4'-DDT, Area = 136516

126 4,4'-DDD, Area = 407

125 4,4'-DDE, Area = 0

%Breakdown: 0.30%, <= 20.00%

Passed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\WM133905.D
Injection Date: 04-Jul-2020 19:52:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

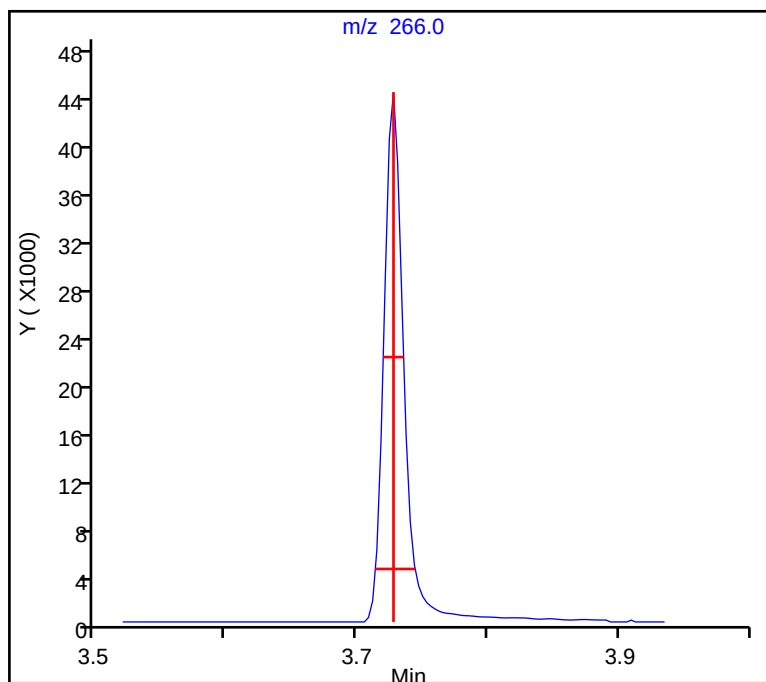
31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)

Front Width = 0.014 (min.)

Tailing Factor = 1.2, Max. Tailing < 2.00
Passed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133905.D
Injection Date: 04-Jul-2020 19:52:30 Instrument ID: CBNAMS17
Lims ID: dftpp
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: 8270LVI_17

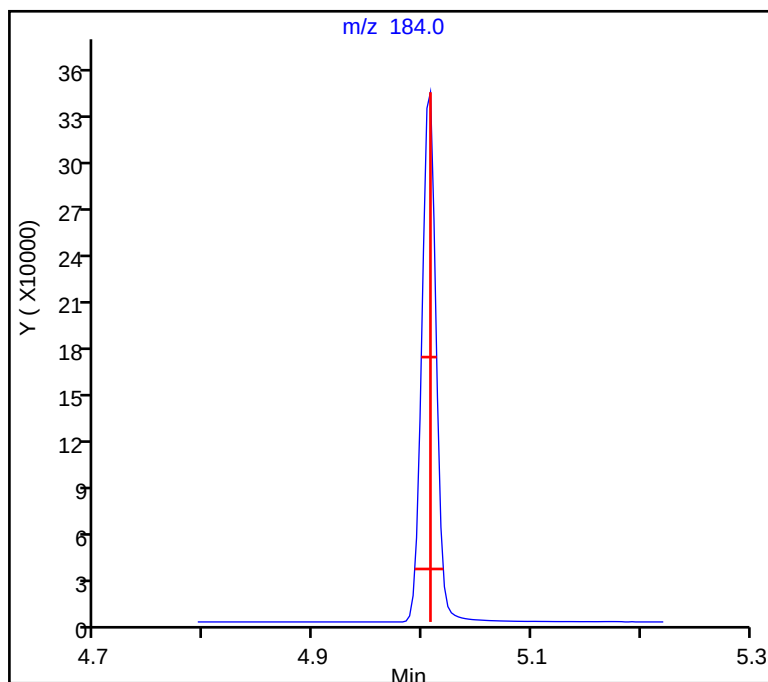
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.9, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-705856/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133908.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 20:58</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	0.63	U	10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	0.75	U	10	0.75
95-95-4	2,4,5-Trichlorophenol	0.88	U	10	0.88
88-06-2	2,4,6-Trichlorophenol	0.86	U	10	0.86
120-83-2	2,4-Dichlorophenol	1.1	U	10	1.1
105-67-9	2,4-Dimethylphenol	0.62	U	10	0.62
51-28-5	2,4-Dinitrophenol	14	U	20	14
121-14-2	2,4-Dinitrotoluene	1.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	0.83	U	2.0	0.83
91-58-7	2-Chloronaphthalene	1.2	U	10	1.2
95-57-8	2-Chlorophenol	0.38	U	10	0.38
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1
95-48-7	2-Methylphenol	0.67	U	10	0.67
88-74-4	2-Nitroaniline	0.47	U	10	0.47
88-75-5	2-Nitrophenol	0.75	U	10	0.75
91-94-1	3,3'-Dichlorobenzidine	1.4	U	10	1.4
99-09-2	3-Nitroaniline	1.9	U	10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	13	U	20	13
101-55-3	4-Bromophenyl phenyl ether	0.75	U	10	0.75
59-50-7	4-Chloro-3-methylphenol	0.58	U	10	0.58
106-47-8	4-Chloroaniline	1.9	U	10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	1.3	U	10	1.3
106-44-5	4-Methylphenol	0.65	U	10	0.65
100-01-6	4-Nitroaniline	1.2	U	10	1.2
100-02-7	4-Nitrophenol	4.0	U	20	4.0
83-32-9	Acenaphthene	1.1	U	10	1.1
208-96-8	Acenaphthylene	0.82	U	10	0.82
98-86-2	Acetophenone	2.3	U	10	2.3
120-12-7	Anthracene	0.63	U	10	0.63
1912-24-9	Atrazine	1.3	U	2.0	1.3
100-52-7	Benzaldehyde	2.1	U	10	2.1
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-705856/1-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133908.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 20:58</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	1.4	U	10	1.4
207-08-9	Benzo[k]fluoranthene	0.67	U	1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	0.59	U	10	0.59
111-44-4	Bis(2-chloroethyl)ether	0.63	U	1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	1.7	U	2.0	1.7
85-68-7	Butyl benzyl phthalate	0.85	U	10	0.85
105-60-2	Caprolactam	0.68	U	10	0.68
86-74-8	Carbazole	0.68	U	10	0.68
218-01-9	Chrysene	0.91	U	2.0	0.91
53-70-3	Dibenz(a,h)anthracene	0.72	U	1.0	0.72
132-64-9	Dibenzofuran	1.1	U	10	1.1
84-66-2	Diethyl phthalate	0.98	U	10	0.98
131-11-3	Dimethyl phthalate	0.77	U	10	0.77
84-74-2	Di-n-butyl phthalate	0.84	U	10	0.84
117-84-0	Di-n-octyl phthalate	4.8	U	10	4.8
92-52-4	Diphenyl	1.2	U	10	1.2
206-44-0	Fluoranthene	0.84	U	10	0.84
86-73-7	Fluorene	0.91	U	10	0.91
118-74-1	Hexachlorobenzene	0.40	U	1.0	0.40
87-68-3	Hexachlorobutadiene	0.78	U	1.0	0.78
77-47-4	Hexachlorocyclopentadiene	3.6	U	10	3.6
67-72-1	Hexachloroethane	0.80	U	2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.94	U	2.0	0.94
78-59-1	Isophorone	0.80	U	10	0.80
91-20-3	Naphthalene	1.1	U	2.0	1.1
98-95-3	Nitrobenzene	0.57	U	1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	0.43	U	1.0	0.43
86-30-6	N-Nitrosodiphenylamine	0.89	U	10	0.89
87-86-5	Pentachlorophenol	1.4	U	20	1.4
85-01-8	Phenanthrene	0.58	U	10	0.58
108-95-2	Phenol	0.29	U	10	0.29
129-00-0	Pyrene	1.6	U	10	1.6
1746-01-6	2,3,7,8-TCDD	1.0	U	1.0	1.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-705856/1-A
 Matrix: Water Lab File ID: M133908.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 20:58
 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.: 705963 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	118		36-159
321-60-8	2-Fluorobiphenyl	96		42-127
367-12-4	2-Fluorophenol	52		18-72
4165-60-0	Nitrobenzene-d5	95		46-137
4165-62-2	Phenol-d5	36		10-50
1718-51-0	Terphenyl-d14	126		39-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-705856/1-A
Matrix: Water Lab File ID: M133908.D
Analysis Method: 8270D Date Collected: _____
Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 20:58
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.: 705963 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133908.D
 Lims ID: MB 460-705856/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Jul-2020 20:58:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0112716-004
 Operator ID: Instrument ID: CBNAMS17
 Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m
 Limit Group: SV 8270D ICAL
 Last Update: 07-Jul-2020 09:53:53 Calib Date: 20-Apr-2020 13:39:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1034

First Level Reviewer: maheseep

Date: 07-Jul-2020 09:54:54

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	2.414	2.418	-0.004	94	67057	10.0	5.17	
\$ 6 Phenol-d5	99	3.301	3.311	-0.010	97	59171	10.0	3.57	
* 14 1,4-Dichlorobenzene-d4	152	3.617	3.624	-0.007	96	78994	8.00	8.00	
\$ 27 Nitrobenzene-d5	82	4.188	4.195	-0.007	91	144398	10.0	9.49	
* 38 Naphthalene-d8	136	4.915	4.920	-0.005	99	293437	8.00	8.00	
\$ 51 2-Fluorobiphenyl	172	6.028	6.031	-0.003	97	290725	10.0	9.55	
* 64 Acenaphthene-d10	164	6.682	6.686	-0.004	97	163819	8.00	8.00	
\$ 80 2,4,6-Tribromophenol	330	7.466	7.468	-0.002	92	61345	10.0	11.8	
* 87 Phenanthrene-d10	188	8.139	8.142	-0.003	99	300549	8.00	8.00	
\$ 96 Terphenyl-d14	244	9.721	9.722	-0.001	98	338958	10.0	12.6	
* 102 Chrysene-d12	240	10.771	10.778	-0.007	99	204272	8.00	8.00	
* 109 Perylene-d12	264	12.506	12.511	-0.005	99	196664	8.00	8.00	

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133908.D

Injection Date: 04-Jul-2020 20:58:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: MB 460-705856/1-A

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

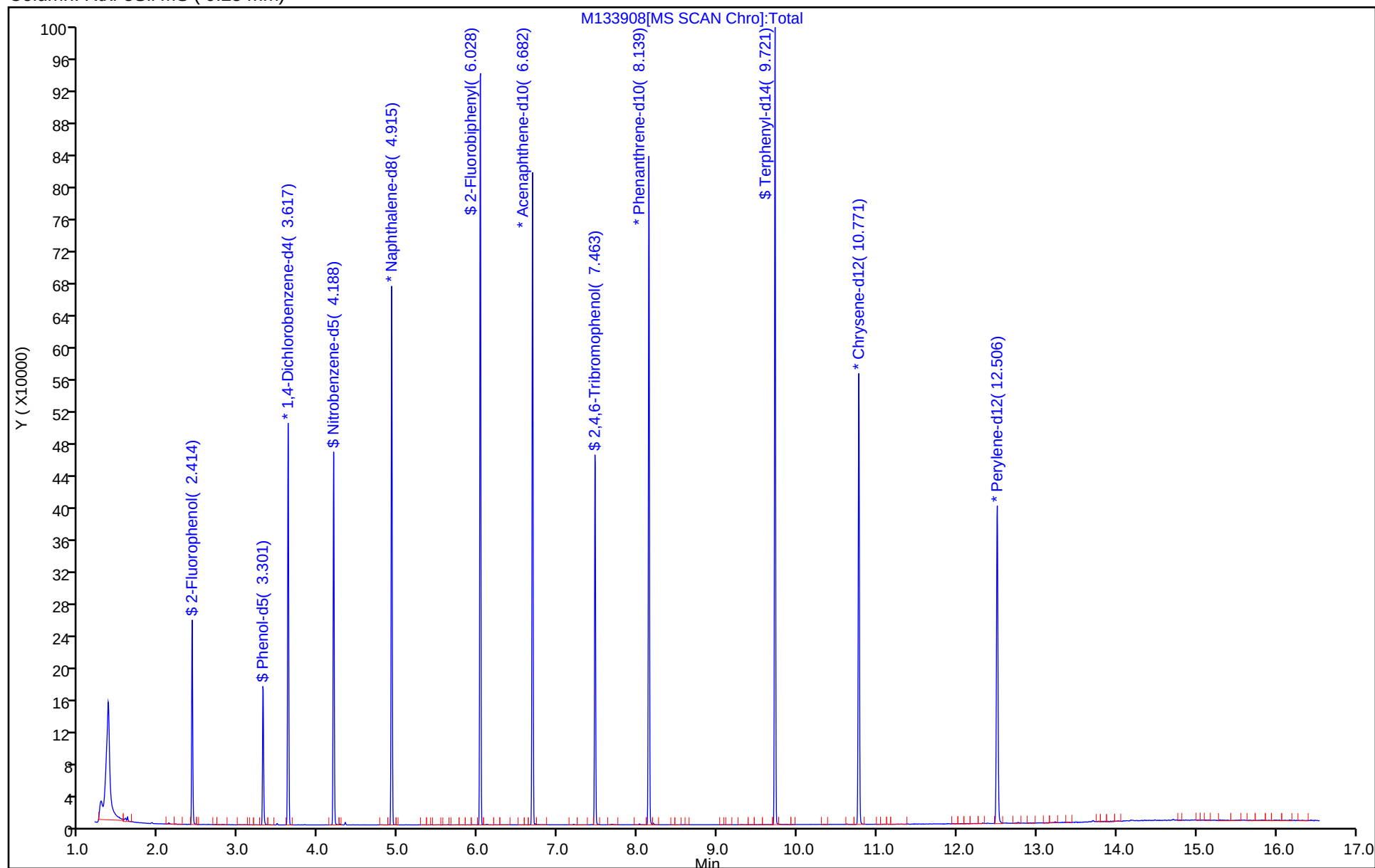
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133908.D

Injection Date: 04-Jul-2020 20:58:30

Instrument ID: CBNAMS17

Lims ID: MB 460-705856/1-A

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270LVI_17

Limit Group:

SV 8270D ICAL

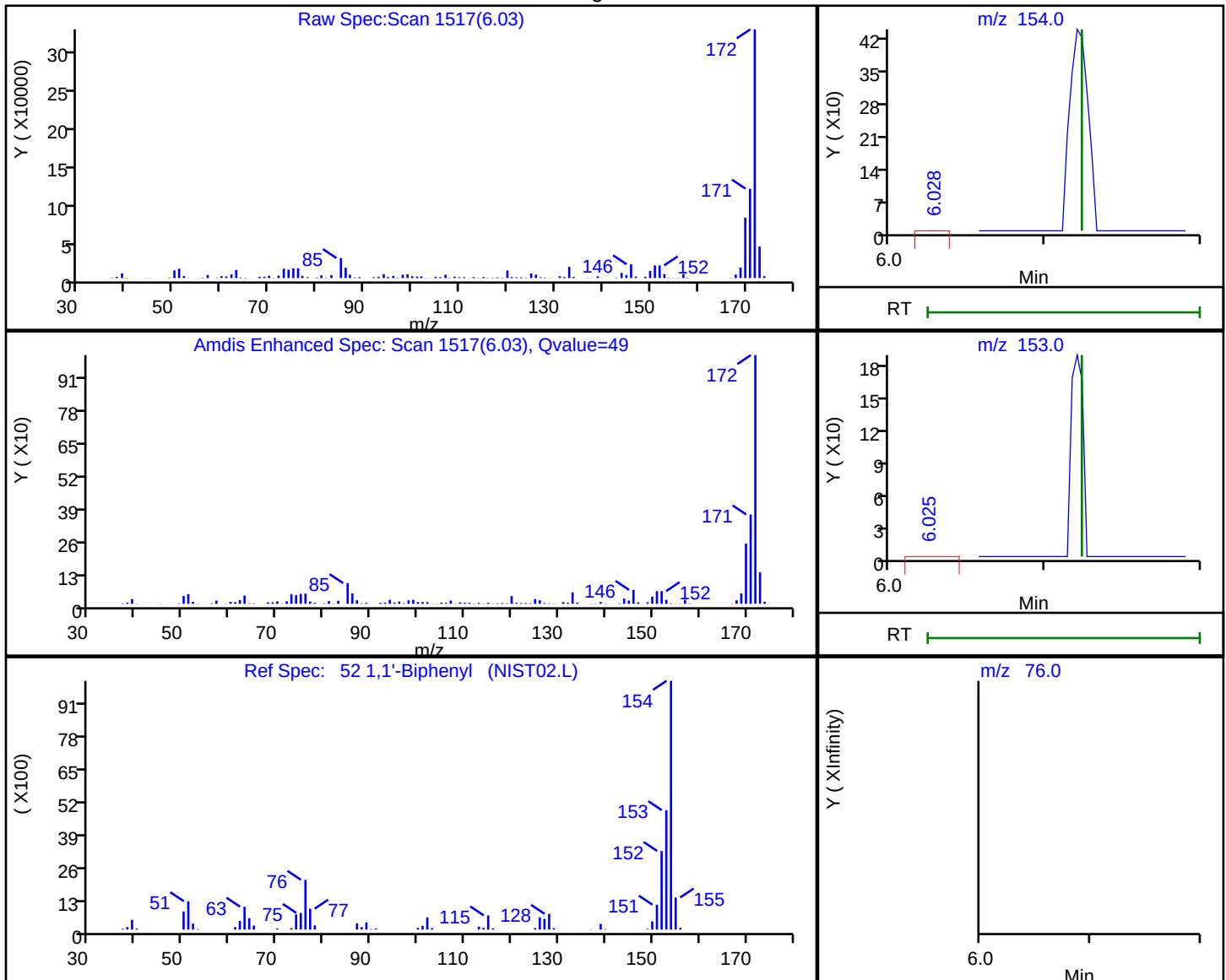
Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results



RT	Mass	Response	Amount
6.03	154.00	425	0.012963
6.02	153.00	4789	
6.02	76.00	11665	

Reviewer: hamziy, 04-Jul-2020 21:24:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-705856/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133909.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 21:19</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	72.9		10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	56.2		10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	77.9		10	0.75
95-95-4	2,4,5-Trichlorophenol	76.2		10	0.88
88-06-2	2,4,6-Trichlorophenol	80.3		10	0.86
120-83-2	2,4-Dichlorophenol	69.3		10	1.1
105-67-9	2,4-Dimethylphenol	64.0		10	0.62
51-28-5	2,4-Dinitrophenol	166		20	14
121-14-2	2,4-Dinitrotoluene	79.4		2.0	1.0
606-20-2	2,6-Dinitrotoluene	79.2		2.0	0.83
91-58-7	2-Chloronaphthalene	72.0		10	1.2
95-57-8	2-Chlorophenol	62.9		10	0.38
91-57-6	2-Methylnaphthalene	66.8		10	1.1
95-48-7	2-Methylphenol	51.6		10	0.67
88-74-4	2-Nitroaniline	56.4		10	0.47
88-75-5	2-Nitrophenol	73.1		10	0.75
91-94-1	3,3'-Dichlorobenzidine	88.4		10	1.4
99-09-2	3-Nitroaniline	68.0		10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	165		20	13
101-55-3	4-Bromophenyl phenyl ether	82.8		10	0.75
59-50-7	4-Chloro-3-methylphenol	63.9		10	0.58
106-47-8	4-Chloroaniline	62.7		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	74.8		10	1.3
106-44-5	4-Methylphenol	46.5		10	0.65
100-01-6	4-Nitroaniline	69.5		10	1.2
100-02-7	4-Nitrophenol	58.9		20	4.0
83-32-9	Acenaphthene	69.7		10	1.1
208-96-8	Acenaphthylene	73.4		10	0.82
98-86-2	Acetophenone	64.5		10	2.3
120-12-7	Anthracene	76.9		10	0.63
1912-24-9	Atrazine	64.7		2.0	1.3
100-52-7	Benzaldehyde	51.8		10	2.1
56-55-3	Benzo[a]anthracene	78.3		1.0	0.59
50-32-8	Benzo[a]pyrene	82.8		1.0	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-705856/2-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133909.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 21:19</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	83.2		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	75.3		10	1.4
207-08-9	Benzo[k]fluoranthene	83.6		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	67.4		10	0.59
111-44-4	Bis(2-chloroethyl)ether	67.2		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	73.6		2.0	1.7
85-68-7	Butyl benzyl phthalate	74.5		10	0.85
105-60-2	Caprolactam	13.5		10	0.68
86-74-8	Carbazole	75.3		10	0.68
218-01-9	Chrysene	76.8		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	76.7		1.0	0.72
132-64-9	Dibenzofuran	72.1		10	1.1
84-66-2	Diethyl phthalate	72.8		10	0.98
131-11-3	Dimethyl phthalate	74.5		10	0.77
84-74-2	Di-n-butyl phthalate	74.3		10	0.84
117-84-0	Di-n-octyl phthalate	73.0		10	4.8
92-52-4	Diphenyl	70.5		10	1.2
206-44-0	Fluoranthene	79.8		10	0.84
86-73-7	Fluorene	72.9		10	0.91
118-74-1	Hexachlorobenzene	81.9		1.0	0.40
87-68-3	Hexachlorobutadiene	67.1		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	59.7		10	3.6
67-72-1	Hexachloroethane	59.4		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	80.3		2.0	0.94
78-59-1	Isophorone	69.0		10	0.80
91-20-3	Naphthalene	67.3		2.0	1.1
98-95-3	Nitrobenzene	67.9		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	63.1		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	77.0		10	0.89
87-86-5	Pentachlorophenol	170		20	1.4
85-01-8	Phenanthrene	75.6		10	0.58
108-95-2	Phenol	25.6		10	0.29
129-00-0	Pyrene	75.5		10	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-705856/2-A
 Matrix: Water Lab File ID: M133909.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 21:19
 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.: 705963 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	119		36-159
321-60-8	2-Fluorobiphenyl	100		42-127
367-12-4	2-Fluorophenol	53		18-72
4165-60-0	Nitrobenzene-d5	94		46-137
4165-62-2	Phenol-d5	36		10-50
1718-51-0	Terphenyl-d14	122		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133909.D

Lims ID: LCS 460-705856/2-A

Client ID:

Sample Type: LCS

Inject. Date: 04-Jul-2020 21:19:30

ALS Bottle#:

5

Worklist Smp#:

5

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Sample Info: 460-0112716-005

Operator ID:

Instrument ID:

CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m

Limit Group: SV 8270D ICAL

Last Update: 07-Jul-2020 09:53:53

Calib Date:

20-Apr-2020 13:39:30

Integrator: RTE

ID Type:

Deconvolution ID

Quant Method: Internal Standard

Quant By:

Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D

Column 1 : Rtxi-5Sil MS (0.25 mm)

Det: MS SCAN

Process Host: CTX1034

First Level Reviewer: hamziy

Date:

04-Jul-2020 21:41:56

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	1.241	1.241	0.000	97	26312	10.0	4.18	
2 N-Nitrosodimethylamine	74	1.416	1.416	0.000	89	41905	10.0	4.58	
3 Pyridine	79	1.438	1.438	0.000	88	104341	20.0	6.72	
\$ 4 2-Fluorophenol	112	2.414	2.418	-0.004	94	72170	10.0	5.31	
5 Benzaldehyde	77	3.174	3.183	-0.009	95	81808	5.00	6.48	E
8 Aniline	93	3.292	3.301	-0.009	100	141091	10.0	6.01	
\$ 6 Phenol-d5	99	3.304	3.311	-0.007	97	62350	10.0	3.59	
7 Phenol	94	3.317	3.327	-0.010	95	64304	10.0	3.20	
9 Bis(2-chloroethyl)ether	93	3.362	3.368	-0.006	92	117711	10.0	8.40	
10 Benzonitrile	103	3.365	3.375	-0.010	99	242651	NC	NC	
11 2-Chlorophenol	128	3.419	3.426	-0.007	94	110210	10.0	7.87	
12 n-Decane	43	3.480	3.487	-0.007	92	102397	10.0	5.48	
13 1,3-Dichlorobenzene	146	3.560	3.566	-0.006	96	125110	10.0	7.36	
* 14 1,4-Dichlorobenzene-d4	152	3.617	3.624	-0.007	97	82866	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.636	3.640	-0.004	95	127575	10.0	7.36	
16 Benzyl alcohol	108	3.783	3.790	-0.007	92	60852	10.0	6.65	
17 1,2-Dichlorobenzene	146	3.790	3.796	-0.006	96	125811	10.0	7.66	
19 2,2'-oxybis[1-chloropropane]	45	3.917	3.924	-0.007	93	183665	10.0	7.03	
18 2-Methylphenol	108	3.930	3.933	-0.003	87	86457	10.0	6.45	
20 N-Methylaniline	106	4.035	4.039	-0.004	98	185063	10.0	8.05	
21 Acetophenone	105	4.042	4.045	-0.003	94	179125	10.0	8.06	
22 N-Nitrosodi-n-propylamine	70	4.055	4.058	-0.003	85	91160	10.0	7.89	
24 4-Methylphenol	108	4.093	4.096	-0.003	95	83547	10.0	5.81	
23 3 & 4 Methylphenol	108	4.093	4.096	-0.003	64	83547	10.0	5.80	
25 Hexachloroethane	117	4.131	4.135	-0.004	92	48024	10.0	7.43	
\$ 27 Nitrobenzene-d5	82	4.192	4.195	-0.003	90	148881	10.0	9.39	
28 Nitrobenzene	123	4.211	4.214	-0.003	93	61120	10.0	8.49	
29 n,n'-Dimethylaniline	120	4.217	4.221	-0.004	93	167822	10.0	7.83	
30 Isophorone	82	4.460	4.463	-0.003	99	237719	10.0	8.63	
32 2-Nitrophenol	139	4.540	4.540	0.000	91	66698	10.0	9.14	
33 2,4-Dimethylphenol	122	4.626	4.629	-0.003	89	95008	10.0	7.99	
34 Bis(2-chloroethoxy)methane	93	4.703	4.706	-0.004	97	149729	10.0	8.42	

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	4.744	4.773	-0.029	87	25965	10.0	3.96	
36 2,4-Dichlorophenol	162	4.801	4.805	-0.004	95	107064	10.0	8.66	
37 1,2,4-Trichlorobenzene	180	4.869	4.872	-0.004	94	114956	10.0	8.34	
* 38 Naphthalene-d8	136	4.916	4.920	-0.004	100	305686	8.00	8.00	
39 Naphthalene	128	4.939	4.942	-0.003	99	333320	10.0	8.41	
40 4-Chloroaniline	127	5.019	5.022	-0.003	96	134583	10.0	7.83	
130 2,6-Dichlorophenol	162	5.025	5.028	-0.003	95	108206	NC	NC	
41 Hexachlorobutadiene	225	5.086	5.089	-0.003	97	69885	10.0	8.39	
42 Caprolactam	113	5.360	5.364	-0.004	88	5211	5.00	1.69	
43 4-Chloro-3-methylphenol	107	5.555	5.558	-0.003	97	94484	10.0	7.99	
44 2-Methylnaphthalene	142	5.644	5.648	-0.004	84	227240	10.0	8.35	
45 1-Methylnaphthalene	142	5.743	5.743	0.000	92	209308	10.0	8.14	
46 Hexachlorocyclopentadiene	237	5.816	5.820	-0.004	98	78143	10.0	7.46	
47 1,2,4,5-Tetrachlorobenzene	216	5.820	5.823	-0.003	98	129302	10.0	9.12	
48 2-tertbutyl-4-methylphenol	149	5.896	5.900	-0.004	90	149120	10.0	9.34	
49 2,4,6-Trichlorophenol	196	5.951	5.954	-0.003	91	84307	10.0	10.0	
50 2,4,5-Trichlorophenol	196	5.992	5.996	-0.004	98	89603	10.0	9.53	
\$ 51 2-Fluorobiphenyl	172	6.027	6.031	-0.004	97	301822	10.0	10.0	
52 1,1'-Biphenyl	154	6.123	6.124	-0.001	97	286078	10.0	8.81	
53 2-Chloronaphthalene	162	6.130	6.133	-0.003	98	232490	10.0	9.01	
54 Phenyl ether	170	6.232	6.232	0.000	86	157779	10.0	9.12	
55 2-Nitroaniline	65	6.254	6.254	0.000	97	69907	10.0	7.05	
57 1,3-Dimethylnaphthalene	156	6.356	6.357	-0.001	90	173138	10.0	9.35	
60 Coumarin	146	6.446	6.446	0.000	81	85617	10.0	8.63	
59 Dimethyl phthalate	163	6.452	6.452	0.000	98	265429	10.0	9.31	
61 2,6-Dinitrotoluene	165	6.500	6.500	0.000	96	58821	10.0	9.90	
62 Acenaphthylene	152	6.538	6.542	-0.004	97	343922	10.0	9.17	
63 3-Nitroaniline	138	6.666	6.666	0.000	94	57103	10.0	8.50	
* 64 Acenaphthene-d10	164	6.682	6.686	-0.004	96	162192	8.00	8.00	
66 Acenaphthene	154	6.714	6.717	-0.003	96	208235	10.0	8.71	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.740	6.740	0.000	98	205694	10.0	9.20	
67 2,4-Dinitrophenol	184	6.768	6.772	-0.004	96	68023	20.0	20.8	
70 Dibenzofuran	168	6.886	6.890	-0.004	96	331593	10.0	9.01	
68 4-Nitrophenol	65	6.890	6.893	-0.003	85	40345	20.0	7.36	
69 2,4-Dinitrotoluene	165	6.896	6.900	-0.004	92	76615	10.0	9.93	
72 2,3,4,6-Tetrachlorophenol	232	7.027	7.030	-0.003	96	73108	10.0	9.74	
73 Diethyl phthalate	149	7.151	7.155	-0.004	98	255689	10.0	9.10	
75 Fluorene	166	7.225	7.225	0.000	94	252538	10.0	9.11	
74 4-Chlorophenyl phenyl ether	204	7.238	7.241	-0.003	91	134162	10.0	9.35	
76 4-Nitroaniline	138	7.273	7.276	-0.003	90	55644	10.0	8.69	
77 4,6-Dinitro-2-methylphenol	198	7.302	7.302	0.000	88	82541	20.0	20.6	
78 N-Nitrosodiphenylamine	169	7.362	7.363	-0.001	55	185071	10.0	9.63	
79 1,2-Diphenylhydrazine	77	7.394	7.395	-0.001	99	262059	10.0	8.48	
\$ 80 2,4,6-Tribromophenol	330	7.468	7.468	0.000	92	61672	10.0	11.9	
81 4-Bromophenyl phenyl ether	248	7.717	7.717	0.000	94	84251	10.0	10.3	
82 Hexachlorobenzene	284	7.774	7.775	-0.001	96	103668	10.0	10.2	
83 Atrazine	200	7.905	7.905	0.000	93	54449	5.00	8.08	E
84 Pentachlorophenol	266	7.979	7.982	-0.003	94	107397	20.0	21.3	
85 Pentachloronitrobenzene	237	7.988	7.989	0.000	90	39359	10.0	10.2	
86 n-Octadecane	57	8.094	8.094	0.000	92	182827	10.0	8.31	
* 87 Phenanthrene-d10	188	8.142	8.142	0.000	99	270198	8.00	8.00	
88 Phenanthrene	178	8.164	8.168	-0.004	98	364117	10.0	9.45	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.215	8.215	0.000	98	376233	10.0	9.61	
90 Carbazole	167	8.387	8.391	-0.004	96	311890	10.0	9.42	
91 Di-n-butyl phthalate	149	8.758	8.761	-0.003	99	382466	10.0	9.29	
92 Fluoranthene	202	9.329	9.329	0.000	97	370352	10.0	9.98	
93 Benzidine	184	9.479	9.482	-0.003	99	173765	10.0	11.2	
94 Pyrene	202	9.546	9.546	0.000	97	376466	10.0	9.44	
95 Bisphenol-A	213	9.645	9.645	0.000	98	55807	5.00	3.77	
\$ 96 Terphenyl-d14	244	9.721	9.722	-0.001	98	330421	10.0	12.2	
97 Butyl benzyl phthalate	149	10.219	10.220	-0.001	97	143049	10.0	9.31	
99 Carbamazepine	193	10.312	10.312	0.000	93	126216	10.0	10.2	
100 3,3'-Dichlorobenzidine	252	10.758	10.759	-0.001	99	137290	10.0	11.0	
101 Benzo[a]anthracene	228	10.765	10.765	0.000	99	333324	10.0	9.79	
* 102 Chrysene-d12	240	10.774	10.778	-0.004	99	205896	8.00	8.00	
104 Chrysene	228	10.803	10.804	-0.001	98	321608	10.0	9.60	
103 Bis(2-ethylhexyl) phthalate	149	10.851	10.855	-0.004	86	204193	10.0	9.20	
105 Di-n-octyl phthalate	149	11.620	11.624	-0.004	96	321660	10.0	9.13	
106 Benzo[b]fluoranthene	252	12.032	12.036	-0.004	98	313054	10.0	10.4	
107 Benzo[k]fluoranthene	252	12.067	12.068	-0.001	99	332395	10.0	10.5	
108 Benzo[a]pyrene	252	12.434	12.438	-0.004	97	274256	10.0	10.4	
* 109 Perylene-d12	264	12.508	12.511	-0.003	99	217152	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.867	13.871	-0.004	99	289381	10.0	10.0	
111 Dibenz(a,h)anthracene	278	13.902	13.906	-0.004	98	276756	10.0	9.59	
112 Benzo[g,h,i]perylene	276	14.199	14.200	-0.001	98	302974	10.0	9.41	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Operator ID:

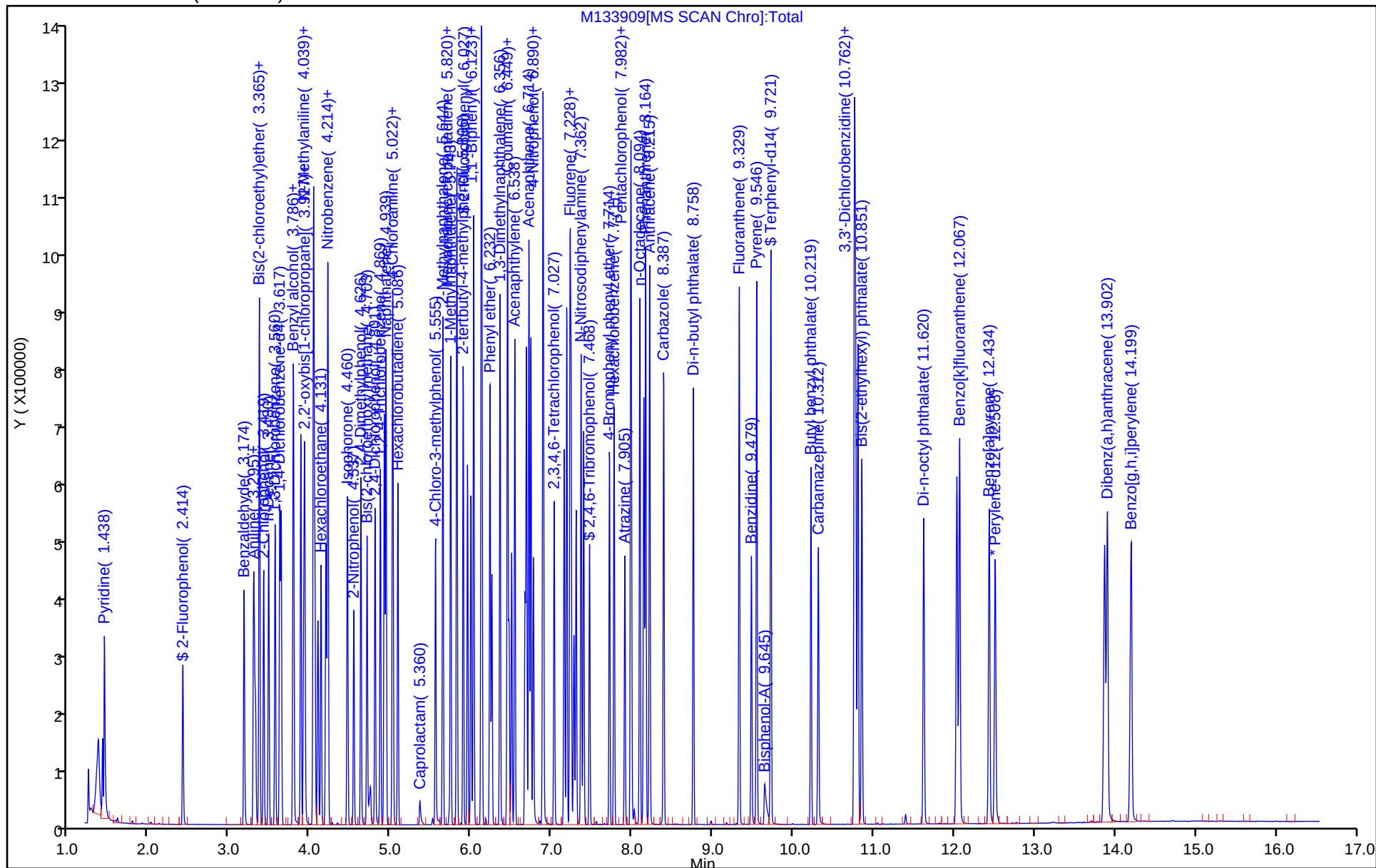
Worklist Smp#: 5

Client ID:

ALS Bottle#: 5

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-705856/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133910.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 21:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-94-3	1,2,4,5-Tetrachlorobenzene	78.4		10	1.2
108-60-1	2,2'-oxybis[1-chloropropane]	58.7		10	0.63
58-90-2	2,3,4,6-Tetrachlorophenol	81.4		10	0.75
95-95-4	2,4,5-Trichlorophenol	79.0		10	0.88
88-06-2	2,4,6-Trichlorophenol	83.5		10	0.86
120-83-2	2,4-Dichlorophenol	74.1		10	1.1
105-67-9	2,4-Dimethylphenol	68.0		10	0.62
51-28-5	2,4-Dinitrophenol	177		20	14
121-14-2	2,4-Dinitrotoluene	83.2		2.0	1.0
606-20-2	2,6-Dinitrotoluene	84.3		2.0	0.83
91-58-7	2-Chloronaphthalene	76.0		10	1.2
95-57-8	2-Chlorophenol	65.5		10	0.38
91-57-6	2-Methylnaphthalene	72.1		10	1.1
95-48-7	2-Methylphenol	54.3		10	0.67
88-74-4	2-Nitroaniline	59.3		10	0.47
88-75-5	2-Nitrophenol	79.1		10	0.75
91-94-1	3,3'-Dichlorobenzidine	92.2		10	1.4
99-09-2	3-Nitroaniline	71.3		10	1.9
534-52-1	4,6-Dinitro-2-methylphenol	176		20	13
101-55-3	4-Bromophenyl phenyl ether	88.4		10	0.75
59-50-7	4-Chloro-3-methylphenol	67.4		10	0.58
106-47-8	4-Chloroaniline	68.1		10	1.9
7005-72-3	4-Chlorophenyl phenyl ether	79.2		10	1.3
106-44-5	4-Methylphenol	48.7		10	0.65
100-01-6	4-Nitroaniline	73.3		10	1.2
100-02-7	4-Nitrophenol	58.7		20	4.0
83-32-9	Acenaphthene	73.9		10	1.1
208-96-8	Acenaphthylene	77.2		10	0.82
98-86-2	Acetophenone	68.1		10	2.3
120-12-7	Anthracene	81.1		10	0.63
1912-24-9	Atrazine	97.9		2.0	1.3
100-52-7	Benzaldehyde	82.5		10	2.1
56-55-3	Benzo[a]anthracene	83.5		1.0	0.59
50-32-8	Benzo[a]pyrene	88.1		1.0	0.41

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-212426-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCSD 460-705856/3-A</u>
Matrix: <u>Water</u>	Lab File ID: <u>M133910.D</u>
Analysis Method: <u>8270D</u>	Date Collected: _____
Extract. Method: <u>3510C</u>	Date Extracted: <u>07/04/2020 07:59</u>
Sample wt/vol: <u>250 (mL)</u>	Date Analyzed: <u>07/04/2020 21:40</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>5 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>705963</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
205-99-2	Benzo[b]fluoranthene	89.0		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	81.3		10	1.4
207-08-9	Benzo[k]fluoranthene	89.0		1.0	0.67
111-91-1	Bis(2-chloroethoxy)methane	70.5		10	0.59
111-44-4	Bis(2-chloroethyl)ether	71.7		1.0	0.63
117-81-7	Bis(2-ethylhexyl) phthalate	78.9		2.0	1.7
85-68-7	Butyl benzyl phthalate	80.0		10	0.85
105-60-2	Caprolactam	21.6		10	0.68
86-74-8	Carbazole	78.5		10	0.68
218-01-9	Chrysene	82.3		2.0	0.91
53-70-3	Dibenz(a,h)anthracene	86.4		1.0	0.72
132-64-9	Dibenzofuran	76.4		10	1.1
84-66-2	Diethyl phthalate	76.0		10	0.98
131-11-3	Dimethyl phthalate	76.6		10	0.77
84-74-2	Di-n-butyl phthalate	79.0		10	0.84
117-84-0	Di-n-octyl phthalate	78.0		10	4.8
92-52-4	Diphenyl	74.7		10	1.2
206-44-0	Fluoranthene	84.9		10	0.84
86-73-7	Fluorene	76.1		10	0.91
118-74-1	Hexachlorobenzene	86.9		1.0	0.40
87-68-3	Hexachlorobutadiene	72.7		1.0	0.78
77-47-4	Hexachlorocyclopentadiene	65.2		10	3.6
67-72-1	Hexachloroethane	64.1		2.0	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	86.7		2.0	0.94
78-59-1	Isophorone	73.4		10	0.80
91-20-3	Naphthalene	71.8		2.0	1.1
98-95-3	Nitrobenzene	72.8		1.0	0.57
621-64-7	N-Nitrosodi-n-propylamine	67.2		1.0	0.43
86-30-6	N-Nitrosodiphenylamine	81.6		10	0.89
87-86-5	Pentachlorophenol	178		20	1.4
85-01-8	Phenanthrene	80.0		10	0.58
108-95-2	Phenol	25.4		10	0.29
129-00-0	Pyrene	80.8		10	1.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-705856/3-A
 Matrix: Water Lab File ID: M133910.D
 Analysis Method: 8270D Date Collected: _____
 Extract. Method: 3510C Date Extracted: 07/04/2020 07:59
 Sample wt/vol: 250 (mL) Date Analyzed: 07/04/2020 21:40
 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.: 705963 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol	128		36-159
321-60-8	2-Fluorobiphenyl	108		42-127
367-12-4	2-Fluorophenol	55		18-72
4165-60-0	Nitrobenzene-d5	102		46-137
4165-62-2	Phenol-d5	36		10-50
1718-51-0	Terphenyl-d14	131		39-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\M133910.D

Lims ID: LCSD 460-705856/3-A

Client ID:

Sample Type: LCSD

Inject. Date: 04-Jul-2020 21:40:30

ALS Bottle#: 6

Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Sample Info: 460-0112716-006

Operator ID:

Instrument ID: CBNAMS17

Method: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\8270LVI_17.m

Limit Group: SV 8270D ICAL

Last Update: 07-Jul-2020 09:53:53

Calib Date: 20-Apr-2020 13:39:30

Integrator: RTE

ID Type: Deconvolution ID

Quant Method: Internal Standard

Quant By: Initial Calibration

Last ICal File: \\chromfs\Edison\ChromData\CBNAMS17\20200420-108818.b\M132035.D

Column 1 : Rtxi-5Sil MS (0.25 mm)

Det: MS SCAN

Process Host: CTX1034

First Level Reviewer: hamziy

Date: 04-Jul-2020 22:06:44

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	1.241	1.241	0.000	97	28899	10.0	4.28	
2 N-Nitrosodimethylamine	74	1.416	1.416	0.000	89	47846	10.0	4.87	
3 Pyridine	79	1.438	1.438	0.000	89	125141	20.0	7.51	
\$ 4 2-Fluorophenol	112	2.414	2.418	-0.004	94	80152	10.0	5.49	
5 Benzaldehyde	77	3.174	3.183	-0.009	95	139573	5.00	10.3	E
8 Aniline	93	3.295	3.301	-0.006	100	165415	10.0	6.57	
\$ 6 Phenol-d5	99	3.304	3.311	-0.007	97	67789	10.0	3.64	
7 Phenol	94	3.317	3.327	-0.010	95	68314	10.0	3.17	
9 Bis(2-chloroethyl)ether	93	3.362	3.368	-0.006	93	134601	10.0	8.96	
10 Benzonitrile	103	3.368	3.375	-0.007	100	270734	NC	NC	
11 2-Chlorophenol	128	3.419	3.426	-0.007	94	122966	10.0	8.19	
12 n-Decane	43	3.480	3.487	-0.007	91	117423	10.0	5.86	
13 1,3-Dichlorobenzene	146	3.560	3.566	-0.006	95	143756	10.0	7.89	
* 14 1,4-Dichlorobenzene-d4	152	3.620	3.624	-0.004	96	88853	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.636	3.640	-0.004	95	147207	10.0	7.92	
16 Benzyl alcohol	108	3.783	3.790	-0.007	92	71138	10.0	7.25	
17 1,2-Dichlorobenzene	146	3.790	3.796	-0.006	96	143096	10.0	8.13	
19 2,2'-oxybis[1-chloropropane]	45	3.917	3.924	-0.007	94	205700	10.0	7.34	
18 2-Methylphenol	108	3.930	3.933	-0.003	88	97519	10.0	6.79	
20 N-Methylaniline	106	4.035	4.039	-0.004	94	211878	10.0	8.59	
21 Acetophenone	105	4.042	4.045	-0.003	95	202915	10.0	8.51	
22 N-Nitrosodi-n-propylamine	70	4.055	4.058	-0.003	87	103973	10.0	8.40	
24 4-Methylphenol	108	4.093	4.096	-0.003	95	93825	10.0	6.08	
23 3 & 4 Methylphenol	108	4.093	4.096	-0.003	64	93916	10.0	6.08	
25 Hexachloroethane	117	4.131	4.135	-0.004	93	55540	10.0	8.01	
\$ 27 Nitrobenzene-d5	82	4.192	4.195	-0.003	90	173492	10.0	10.2	
28 Nitrobenzene	123	4.211	4.214	-0.003	93	70279	10.0	9.10	
29 n,n'-Dimethylaniline	120	4.218	4.221	-0.003	93	195729	10.0	8.51	
30 Isophorone	82	4.460	4.463	-0.003	99	271074	10.0	9.18	
32 2-Nitrophenol	139	4.540	4.540	0.000	92	77304	10.0	9.88	
33 2,4-Dimethylphenol	122	4.626	4.629	-0.003	89	108284	10.0	8.50	
34 Bis(2-chloroethoxy)methane	93	4.703	4.706	-0.003	96	167961	10.0	8.81	

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	4.747	4.773	-0.026	89	27940	10.0	3.98	
36 2,4-Dichlorophenol	162	4.802	4.805	-0.003	96	122703	10.0	9.26	
37 1,2,4-Trichlorobenzene	180	4.869	4.872	-0.003	94	131459	10.0	8.90	
* 38 Naphthalene-d8	136	4.917	4.920	-0.003	100	327655	8.00	8.00	
39 Naphthalene	128	4.939	4.942	-0.003	99	381578	10.0	8.98	
40 4-Chloroaniline	127	5.019	5.022	-0.003	96	156656	10.0	8.51	
130 2,6-Dichlorophenol	162	5.025	5.028	-0.003	97	120925	NC	NC	
41 Hexachlorobutadiene	225	5.086	5.089	-0.003	97	81082	10.0	9.09	
42 Caprolactam	113	5.360	5.364	-0.004	88	8921	5.00	2.70	
43 4-Chloro-3-methylphenol	107	5.555	5.558	-0.003	97	106817	10.0	8.43	
44 2-Methylnaphthalene	142	5.644	5.648	-0.004	84	263060	10.0	9.01	
45 1-Methylnaphthalene	142	5.743	5.743	0.000	93	242130	10.0	8.78	
46 Hexachlorocyclopentadiene	237	5.817	5.820	-0.003	98	92971	10.0	8.15	
47 1,2,4,5-Tetrachlorobenzene	216	5.820	5.823	-0.003	98	151366	10.0	9.80	
48 2-tertbutyl-4-methylphenol	149	5.900	5.900	0.000	90	169961	10.0	9.93	
49 2,4,6-Trichlorophenol	196	5.951	5.954	-0.003	91	95484	10.0	10.4	
50 2,4,5-Trichlorophenol	196	5.996	5.996	0.000	98	101121	10.0	9.88	
\$ 51 2-Fluorobiphenyl	172	6.028	6.031	-0.003	97	352962	10.0	10.8	
52 1,1'-Biphenyl	154	6.123	6.124	-0.001	97	329962	10.0	9.34	
53 2-Chloronaphthalene	162	6.130	6.133	-0.003	98	266841	10.0	9.49	
54 Phenyl ether	170	6.232	6.232	0.000	87	179890	10.0	9.55	
55 2-Nitroaniline	65	6.254	6.254	0.000	98	79980	10.0	7.41	
57 1,3-Dimethylnaphthalene	156	6.357	6.357	0.000	91	202792	10.0	10.1	
60 Coumarin	146	6.446	6.446	0.000	81	96635	10.0	9.08	
59 Dimethyl phthalate	163	6.452	6.452	0.000	98	296985	10.0	9.57	
61 2,6-Dinitrotoluene	165	6.500	6.500	0.000	96	68166	10.0	10.5	
62 Acenaphthylene	152	6.539	6.542	-0.003	97	393874	10.0	9.65	
63 3-Nitroaniline	138	6.666	6.666	0.000	94	65239	10.0	8.92	
* 64 Acenaphthene-d10	164	6.682	6.686	-0.004	96	176555	8.00	8.00	
66 Acenaphthene	154	6.714	6.717	-0.003	96	240408	10.0	9.24	
65 3,5-di-tert-butyl-4-hydroxytol	205	6.740	6.740	0.000	98	236351	10.0	9.71	
67 2,4-Dinitrophenol	184	6.772	6.772	0.000	96	78905	20.0	22.1	
70 Dibenzofuran	168	6.887	6.890	-0.003	96	382699	10.0	9.55	
68 4-Nitrophenol	65	6.890	6.893	-0.003	82	43788	20.0	7.34	
69 2,4-Dinitrotoluene	165	6.896	6.900	-0.004	93	87374	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	7.027	7.030	-0.003	96	83115	10.0	10.2	
73 Diethyl phthalate	149	7.155	7.155	0.000	98	290611	10.0	9.50	
75 Fluorene	166	7.225	7.225	0.000	94	287058	10.0	9.51	
74 4-Chlorophenyl phenyl ether	204	7.238	7.241	-0.003	93	154588	10.0	9.90	
76 4-Nitroaniline	138	7.276	7.276	0.000	90	63855	10.0	9.16	
77 4,6-Dinitro-2-methylphenol	198	7.302	7.302	0.000	88	95515	20.0	22.0	
78 N-Nitrosodiphenylamine	169	7.363	7.363	0.000	55	212326	10.0	10.2	
79 1,2-Diphenylhydrazine	77	7.395	7.395	0.000	100	298221	10.0	8.91	
\$ 80 2,4,6-Tribromophenol	330	7.468	7.468	0.000	92	72188	10.0	12.8	
81 4-Bromophenyl phenyl ether	248	7.717	7.717	0.000	94	97541	10.0	11.1	
82 Hexachlorobenzene	284	7.775	7.775	0.000	96	119104	10.0	10.9	
83 Atrazine	200	7.909	7.905	0.004	93	89307	5.00	12.2	E
84 Pentachlorophenol	266	7.982	7.982	0.000	95	121491	20.0	22.2	
85 Pentachloronitrobenzene	237	7.989	7.989	0.001	91	44704	10.0	10.7	
86 n-Octadecane	57	8.094	8.094	0.000	92	209495	10.0	8.78	
* 87 Phenanthrene-d10	188	8.142	8.142	0.000	99	292776	8.00	8.00	
88 Phenanthrene	178	8.165	8.168	-0.003	98	417477	10.0	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.216	8.215	0.001	98	430136	10.0	10.1	
90 Carbazole	167	8.391	8.391	0.000	96	352139	10.0	9.81	
91 Di-n-butyl phthalate	149	8.758	8.761	-0.003	99	440511	10.0	9.87	
92 Fluoranthene	202	9.329	9.329	0.000	97	426938	10.0	10.6	
93 Benzidine	184	9.479	9.482	-0.003	99	188119	10.0	11.2	
94 Pyrene	202	9.546	9.546	0.000	97	438039	10.0	10.1	
95 Bisphenol-A	213	9.648	9.645	0.003	98	64419	5.00	4.00	
\$ 96 Terphenyl-d14	244	9.722	9.722	0.000	98	387185	10.0	13.1	
97 Butyl benzyl phthalate	149	10.220	10.220	0.000	97	167086	10.0	10.0	
99 Carbamazepine	193	10.312	10.312	0.000	93	146696	10.0	11.0	
100 3,3'-Dichlorobenzidine	252	10.759	10.759	0.000	99	155838	10.0	11.5	
101 Benzo[a]anthracene	228	10.762	10.765	-0.003	99	386462	10.0	10.4	
* 102 Chrysene-d12	240	10.775	10.778	-0.003	99	223910	8.00	8.00	
104 Chrysene	228	10.804	10.804	0.000	98	374503	10.0	10.3	
103 Bis(2-ethylhexyl) phthalate	149	10.852	10.855	-0.003	86	237821	10.0	9.86	
105 Di-n-octyl phthalate	149	11.621	11.624	-0.003	96	373952	10.0	9.75	
106 Benzo[b]fluoranthene	252	12.033	12.036	-0.003	98	364637	10.0	11.1	
107 Benzo[k]fluoranthene	252	12.068	12.068	0.000	99	384917	10.0	11.1	
108 Benzo[a]pyrene	252	12.435	12.438	-0.003	97	317566	10.0	11.0	
* 109 Perylene-d12	264	12.509	12.511	-0.003	99	236327	8.00	8.00	
110 Indeno[1,2,3-cd]pyrene	276	13.868	13.871	-0.003	99	340123	10.0	10.8	
111 Dibenz(a,h)anthracene	278	13.903	13.906	-0.003	98	339072	10.0	10.8	
112 Benzo[g,h,i]perylene	276	14.197	14.200	-0.003	98	356114	10.0	10.2	

QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Reagents:

SM_ISTD_LVI_00191

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS17\20200704-112716.b\W133910.D

Injection Date: 04-Jul-2020 21:40:30

Instrument ID: CBNAMS17

Operator ID:

Lims ID: LCSD 460-705856/3-A

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

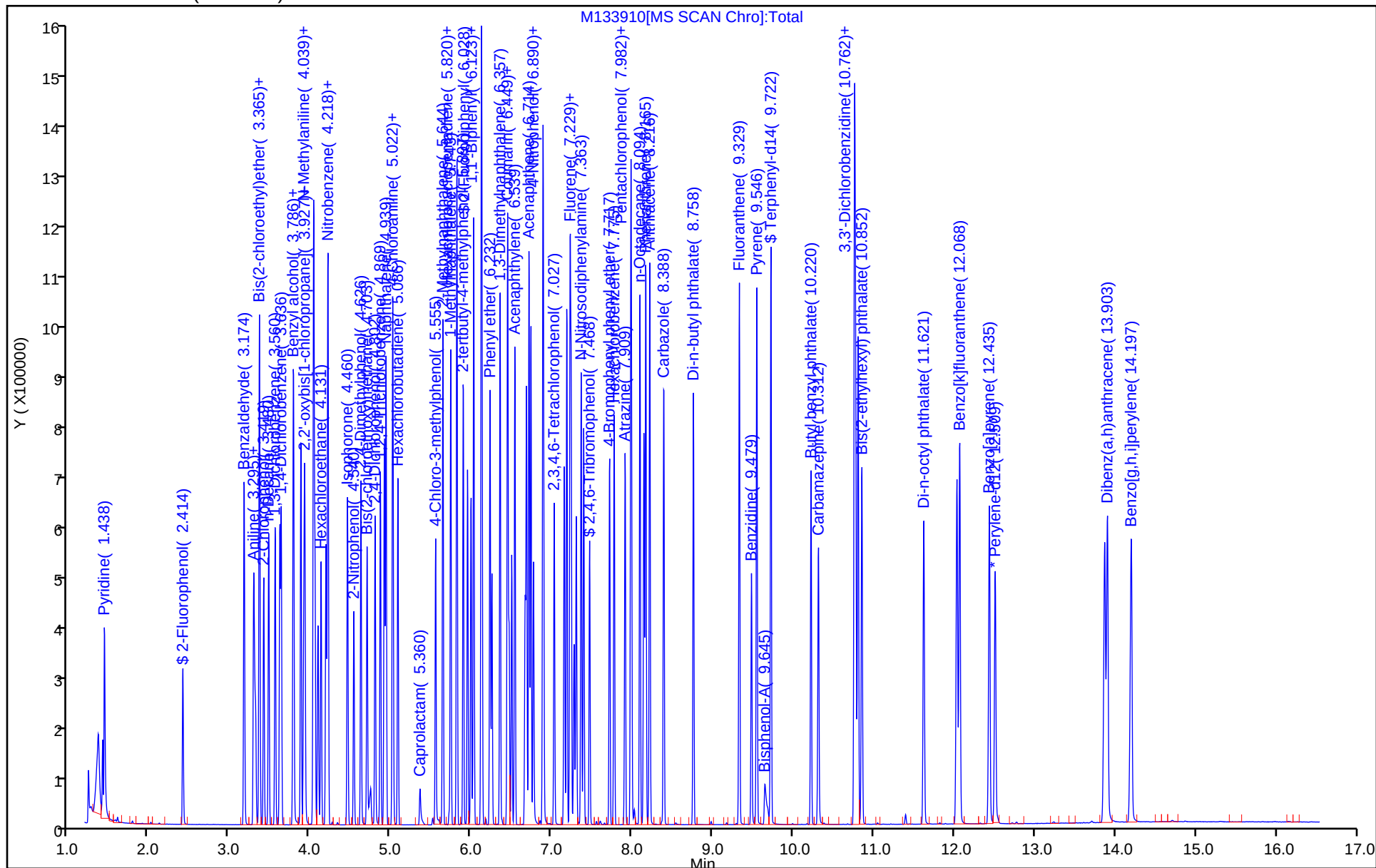
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270LVI_17

Limit Group: SV 8270D ICAL

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Instrument ID: CBNAMS17 Start Date: 04/20/2020 10:56Analysis Batch Number: 688773 End Date: 04/20/2020 14:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-688773/1		04/20/2020 10:56	1	M132027.D	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-688773/2		04/20/2020 11:12	1	M132028.D	Rtxi-5Sil MS 0.25 (mm)
STD24 460-688773/3 IC		04/20/2020 11:33	1	M132029.D	Rtxi-5Sil MS 0.25 (mm)
STD16 460-688773/4 IC		04/20/2020 11:54	1	M132030.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-688773/5 IC		04/20/2020 12:16	1	M132031.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-688773/6 IC		04/20/2020 12:37	1	M132032.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-688773/7 IC		04/20/2020 12:58	1	M132033.D	Rtxi-5Sil MS 0.25 (mm)
STD02 460-688773/8 IC		04/20/2020 13:19	1	M132034.D	Rtxi-5Sil MS 0.25 (mm)
STD01 460-688773/9 IC		04/20/2020 13:39	1	M132035.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-688773/10		04/20/2020 14:00	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-212426-1

SDG No.: _____

Instrument ID: CBNAMS17Start Date: 07/04/2020 19:52Analysis Batch Number: 705963End Date: 07/05/2020 05:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-705963/1		07/04/2020 19:52	1	M133905.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-705963/2		07/04/2020 20:14	1	M133906.D	Rtxi-5Sil MS 0.25 (mm)
MB 460-705856/1-A		07/04/2020 20:58	1	M133908.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-705856/2-A		07/04/2020 21:19	1	M133909.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-705856/3-A		07/04/2020 21:40	1	M133910.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/04/2020 22:01	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/04/2020 22:22	1		Rtxi-5Sil MS 0.25 (mm)
460-212426-1		07/04/2020 22:42	1	M133913.D	Rtxi-5Sil MS 0.25 (mm)
460-212426-2		07/04/2020 23:03	1	M133914.D	Rtxi-5Sil MS 0.25 (mm)
460-212426-3		07/04/2020 23:24	1	M133915.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/04/2020 23:45	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 00:06	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 00:27	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 00:48	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 01:08	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 01:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 01:50	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 02:11	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 02:32	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 02:53	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 03:14	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 03:34	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 03:55	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 04:16	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 04:37	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 04:58	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		07/05/2020 05:40	10		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Batch Number: 705856 Batch Start Date: 07/04/20 07:59 Batch Analyst: Dekkar, Djedjiga XBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00011
MB 460-705856/1		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-705856/2		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-705856/3		3510C, 8270D		250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-212426-D-1	MW-2A	3510C, 8270D	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
460-212426-D-2	MW-7A	3510C, 8270D	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
460-212426-E-3	Dup	3510C, 8270D	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNA SPIK 00033	OP_BNASurroga 00018	AnalysisComment			
MB 460-705856/1		3510C, 8270D			200 uL				
LCS 460-705856/2		3510C, 8270D		200 uL	200 uL				
LCSD 460-705856/3		3510C, 8270D		200 uL	200 uL				
460-212426-D-1	MW-2A	3510C, 8270D	T		200 uL	Bad Matrix			
460-212426-D-2	MW-7A	3510C, 8270D	T		200 uL				
460-212426-E-3	Dup	3510C, 8270D	T		200 uL	Bad Matrix			

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: Eurofins TestAmerica, Edison Job No.: 460-212426-1

SDG No.: _____

Batch Number: 705856 Batch Start Date: 07/04/20 07:59 Batch Analyst: Dekkar, Djedjiga XBatch Method: 3510C Batch End Date: _____

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2964
Batch Comment	3510C_LVI / BNA Water
Analyst ID - Concentration	dD
Concentration 1 Corrected Temperature	37 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dD
Method/Fraction	3510C_LVI / BNA Water
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	Dichloromethane: 258828
Prep Solvent Volume Used	90 mL
Analyst ID - Spike Analyst	dD
Analyst ID - Spike Witness Analyst	dD
Sufficient Volume for Batch QC	Yes
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	37 Degrees C
Vial Lot Number	1917911362

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

Job Number:

212420

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.1	5.1	Cooler #4:	5	5
Cooler #2:		5	Cooler #5:	5	5
Cooler #3:	5	5	Cooler #6:	5	5
			Cooler #7:	5	5
			Cooler #8:	5	5
			Cooler #9:	5	5

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Lot # of Preservative(s):

Expiration Date:

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:

Date:

Login Sample Receipt Checklist

Client: SESI Consulting Engineers

Job Number: 460-212426-1

Login Number: 212426

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Callahan, April R

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT C

Joseph Scardino

From: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Sent: Wednesday, May 20, 2020 11:32 AM
To: Joseph Scardino
Cc: Michael St. Pierre
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

I think that's sounds OK with me for these on-site wells. Yeah I'm still debating Con Ed's CCR Report recommendation for the DNAPL Recovery for MW-D. Discussing internally.

From: Joseph Scardino <js@sesi.org>
Sent: Wednesday, May 20, 2020 11:22 AM
To: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Cc: Michael St. Pierre <mstp@sesi.org>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

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We recommended continued monitoring of the site engineering controls in accordance with the SMP. We did state in the PRR that the trend over the last several years had indicated only 2 out of the 5 monitoring wells contained 1 or 2 GW exceedances. One well tends to oscillate for benzene, but it has dropped significantly each year since 2017. No LNAPL has been detected in any of the wells since their construction. On a separate but similar note, I'd also like to point out that I received word from Arcadis, ConEd's consultant, that the DNAPL monitoring at the recovery wells has ceased, and ConEd has submitted a Construction Completion Report (CCR) in July 2019. The 1st quarter of 2019 was the reportedly the last event that was completed, and the DEC has yet to comment on the document to date.

Based on the decreasing trend of contaminant concentrations in the monitoring wells and the ceased recovery well monitoring operations, it would be in our interest to request, if it is possible at this time, for some sort of decrease with our monitoring requirements at the Site. Perhaps we could cease monitoring at the 3 wells that have not shown any GW exceedances over the past several monitoring events? What do you think?

Regards,

Joe Scardino



Joseph Scardino
Staff Environmental Scientist
SESI CONSULTING ENGINEERS
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Pine Brook, NJ 07058

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From: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Sent: Wednesday, May 20, 2020 10:39 AM
To: Joseph Scardino <js@sesi.org>
Cc: Michael St. Pierre <mst@sesi.org>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

I looked at real quick but didn't spend much time on it yet. I did forward a copy to DOH. She forgot about it too. Let you know if we have any questions or concerns. I see you would like to decommission most of the monitoring wells for LNAPL. Is that request in the PRR?

Thanks
Matt

From: Joseph Scardino <js@sesi.org>
Sent: Tuesday, May 19, 2020 1:08 PM
To: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Cc: Michael St. Pierre <mst@sesi.org>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

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Hi Matt,

I wanted to follow up on this to see if you took a look at the report yet. Much appreciated. Thanks!

Regards,

Joe Scardino



Joseph Scardino

Staff Environmental Scientist

SESI CONSULTING ENGINEERS

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Pine Brook, NJ 07058

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From: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>

Sent: Thursday, May 07, 2020 11:54 AM

To: Joseph Scardino <js@sesi.org>

Cc: Michael St. Pierre <mstp@sesi.org>

Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

Hi Joe - Same here. You must have sent this right when Emmanuel left. I didn't find anything in the file. I'll review and see if we can reduce some of the groundwater monitoring of these wells.

Matt

Matthew Hubicki

Project Manager, Remedial Bureau C

Division of Environmental Remediation

New York State Department of Environmental Conservation

625 Broadway, Albany, NY 12233-7014

P: (518) 402-9605 | F: (518) 402-9679 | matthew.hubicki@dec.ny.gov

www.dec.ny.gov |  |  | 



From: Joseph Scardino <js@sesi.org>
Sent: Wednesday, May 06, 2020 4:57 PM
To: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Cc: Michael St. Pierre <mstp@sesi.org>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

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Hi Matt,

It's a pleasure hearing from you. The report was submitted to Emmanuel on July 15 of last year (see attached email), which summarized the 2016-2019 reporting periods as required. My last correspondence from Emmanuel is also attached.

Prior to the report submittal, we had been discussing options to reduce our monitoring/reporting requirements going forward as some wells appear to be naturally attenuating, and he had verbally expressed that he would take interest in finding this out following submittal of last year's reporting at best. I did not hear of anything since in return. Would you possibly conduct a review from last year's report and provide an opinion on any reductions that could be granted based on the data gathered to-date?

I believe the email attachment contains a copy of last year's report sent to Emmanuel, if it had not been placed on your file. If you don't have it, I can resend the full report to you.

Thanks very much Matt.

Regards,

Joe Scardino



Joseph Scardino
Staff Environmental Scientist
SESI CONSULTING ENGINEERS
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From: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Sent: Wednesday, May 06, 2020 2:21 PM
To: Joseph Scardino <js@sesi.org>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

Hi Joe – Hope is all well. I'm just following up on this PRR for 2019. I didn't see anything from SESI to Emmanuel for the Harbor Square PRR.

I've taken back the site from Emmanuel because he left the Department last year. I just found this email from him to you. Also included the PRR Reminder from last year for reference.

Thanks
Matt

Matthew Hubicki
Project Manager, Remedial Bureau C
Division of Environmental Remediation

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625 Broadway, Albany, NY 12233-7014
P: (518) 402-9605 | F: (518) 402-9679 | matthew.hubicki@dec.ny.gov
www.dec.ny.gov |  |  | 



From: Joseph Scardino <js@sesi.org>
Sent: Tuesday, May 07, 2019 1:46 PM
To: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

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Hi Matt,

I just tried to leave a voicemail, but for some reason I was having an issue. I wanted to discuss with you about the PRR submittal for this year for the Harbor Square site. Would you be able to give me a call back, as I had some questions regarding the submittal? Thank very much.

Regards,

Joe Scardino



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<https://protect2.fireeye.com/url?k=d6866ff5-8aa36396-d68496c0-0cc47aa88e08-9dffa47f6b5ccefa&u=http://www.sesi.org/>



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From: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>

Sent: Tuesday, April 02, 2019 9:38 AM

To: Joseph Scardino <js@sesi.org>

Subject: RE: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

Hi Joe – All is good. Says due on July 15th. Probably go out next month we do 75 day PRR notices now. Here's a copy for your use.

Matthew Hubicki

Project Manager, Remedial Bureau C
Division of Environmental Remediation

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From: Joseph Scardino <js@sesi.org>
Sent: Monday, April 01, 2019 3:12 PM
To: Hubicki, Matthew S (DEC) <matthew.hubicki@dec.ny.gov>
Subject: #C360091 - Harbor Square, Ossining NY - IC/EC Form for upcoming PRR Submittal

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Matt,

Hope all is well. I wanted to touch base with you to see when the IC/EC form for the above-referenced site is expected to go out. Based on the reduced PRR frequency submittal requirement, I would expect it to go out sometime this month or May, since the next PRR is reportedly due by July 30, 2019. Would you be able to provide the form to SESI once it's ready for sending out? Thanks Matt.

Regards,

Joe Scardino



Joseph Scardino
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