



November 2, 2020

Mr. Jason Pelton, P.G.
Project Manager
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7012

**RE: NYSDEC Standby Engineering Contract D007625-32
Former U.S. Navy and Northrop Grumman Bethpage Facility
NYSDEC Site No. 130003A & B
Monitoring Well Sampling Results- August 2020**

Dear Mr. Pelton:

Henningson, Durham, & Richardson Architecture and Engineering, P.C. (HDR) has prepared this Data Summary Report to summarize the activities and results associated with the August 2020 monitoring well sampling round within the Navy Grumman groundwater contamination plume.

1.0 Introduction

At the request of NYSDEC, HDR sampled a total of 8 groundwater monitoring wells using low flow sampling technologies during the week of August 17th, 2020. The 8 monitoring wells are located throughout the Navy Grumman groundwater contamination plume (Figure 1) and were installed by HDR as part of the vertical profile boring and extraction well drilling program.

The well designations and screen intervals below ground surface are shown below:

- DEC1D1 – 695-715 ft
- DEC1D2 – 760-780 ft
- DEC2D1 – 180-200 ft
- DEC3D2 – 300-320 ft



- DEC4D1 – 470-495 ft
- DEC5D1 – 390-410 ft
- DEC6D1 – 564-584 ft
- DEC7D1 – 280-300 ft

2.0 Field Methods & Sampling Protocol

The low flow sampling method at each well included a bladder pump (set at a calculated mid-screen intake depth), a section of 3/8” drop tubing, 100 ft of 1/8” bonded tubing that connected to the compressor and YSI, and a water level meter to monitor water quality stability. As needed, weights were added to the drop tubing to aid in placing the pump at the appropriate depth. A heavy-duty string tether was also used to secure and retrieve the down hole sampling equipment.

Under low-flow sampling protocols, the wells were purged until all parameters were deemed stable and turbidity was below 10 NTU. The data collected from the YSI units were downloaded to a flash drive and uploaded to a laptop where the purge logs were created. Purge water was collected in 5-gallon buckets, once full the buckets were transported to the Grumman On-site Containment System treatment plant and the purge waters were discharged into the system for treatment. After sampling was completed at each well, the utilized tubing was placed in trash bags to be disposed of properly off-site.

All groundwater samples were placed in laboratory-supplied glassware, stored on ice, and submitted to Eurofins Test America of Edison, New Jersey (Eurofins), a New York State Department of Health (NYSDOH) certified laboratory, for the analysis of volatile organic compounds (VOCs) and tentatively identified compounds (TICs) by USEPA Method 8260. Each sample was also analyzed for 1,4-dioxane using USEPA Method 8270 SIM. The laboratory analytical data summary reports provided by Eurofins are provided in Attachment 3 and the results were submitted electronically to the NYSDEC Environmental Information Management System (EIMS).

Quality assurance/quality control (QA/QC) samples including trip blanks, a duplicate, one equipment blank and matrix spike and matrix spike duplicates (MS/MSD), were collected at the frequencies specified in the approved August 2011 Quality Assurance Project Plan



(QAPP). Laboratory reporting and deliverables for all samples was completed in accordance with NYSDEC July 2005 Analytical Services Protocol (ASP), Category B and were subjected to data validation by Data Validation Services of North Creek, New York. The data usability summary report (DUSRs) can be found in Attachment 2.

3.0 Groundwater Analytical Results

As shown on Table 1 detectable concentrations of VOCs were found in all eight of the monitoring wells. The three southern-most wells (DEC1D1, DEC1D2, and DEC2D1) were found to exhibit only trace levels of several compounds while the remaining four wells (DEC3D2, DEC4D1, DEC5D1, DEC6D1, and DEC7D1) exhibited total VOC concentrations ranging from approximately 100 µg/L to over 1,000 µg/L.

For the groundwater sample collected from monitoring well DEC1D1, toluene was detected above its respective laboratory minimum detection at 1.2 µg/L. For the groundwater samples collected from monitoring well DEC1D2, two VOCs (chloromethane and toluene) were detected above the respective laboratory reporting limits (Table 1). These two southern-most wells were found to be free of detectable concentrations of 1,4-dioxane. Trace levels of TCE and 1,4-dioxane were noted at the DEC2D1 with estimated concentrations of 0.85 and 0.1 µg/L respectively. The noted results are similar to the earlier sampling event that was conducted on the three southern monitoring wells in 2018.

For the groundwater sample collected from monitoring well DEC3D2, six VOCs were detected above respective laboratory reporting limits. Of the highest detected parameters, TCE was detected at a concentration of 57 µg/L and cis-DCE was detected at a concentration of 5.7 µg/L, both results are above the respective standard of 5 µg/L for each compound. In comparing the noted concentration of 1,4-dioxane to the recently adopted drinking water standard (1 µg/L) the result of 1.3 µg/L slightly exceeds drinking



water standards. Chloroform, PCE, and toluene were also detected in the DEC3D2 but the noted concentrations were all below applicable standards.

Fifteen individual VOCs were detected at DEC4D1 and the total VOC concentration at this location exceeds 1,000 µg/L, notable results include a TCE concentration of 880 µg/L, cis-DCE 370 µg/L, and 4.8 µg/L of 1,4-dioxane. Ten individual VOCs were detected at DEC5D1 with a total VOC concentration just below 100 µg/L, TCE (20 µg/L) and cis-DEC (58 µg/L) exhibited the highest concentrations, 1,4-dioxane was also found above drinking water standards at a concentration of 6.2 µg/L.

For the groundwater sample collected from monitoring well DEC6D1, 11 VOCs were detected with a total VOC concentration of approximately 200 µg/L. TCE was detected at a concentration of 180 µg/L, cis-DCE was detected below applicable standards, while Freon 113 (6 µg/L) was found just above its respective standard. The noted concentration of 1,4-dioxane (6.3 µg/L) was also found to exceed drinking water standards.

Nine VOCs were detected at DEC7D1, similar to DEC6D1, TCE (90 µg/L) accounted for a majority of the total VOCs of approximately 100 µg/L. 1,4-Dioxane was also found above drinking water standards at a concentration of 4 µg/L.

4.0 Summary

The August 2020 sampling event for the eight NYSDEC monitoring wells established the baseline groundwater quality at these locations. The results were comparable to the previous VPB results and the limited sampling that was conducted in early 2018 at DEC1D1, DEC1D2, and DEC2D1.



Please do not hesitate to contact me if you have any questions or require additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael Lehtinen'.

Michael Lehtinen, P.G.
Project Manager

Tables

Table 1 Groundwater Analytical Results – Grumman NYSDEC MW Sampling
(August 2020)

Figures

Figure 1 Monitoring Well Locations

Attachments

- Attachment 1 Monitoring Well Sampling Logs
- Attachment 2 Data Usability Summary Report
- Attachment 3 Analytical Data Summary Packages



Table 1 Groundwater Analytical Results
Grumman NYSDEC MW Sampling
August 2020

		Location: Sample: Sample Date:		DEC1D1 DEC1D1_20200819 8/19/2020		DEC1D2 DEC1D2_20200820 8/20/2020		DEC1D2 (DUP) DEC_GW_DUPE_20200820 8/20/2020		DEC2D1 DEC2D1_20200818 8/18/2020		DEC3D2 DEC3D2_20200820 8/20/2020		DEC4D1 DEC4D1_20200818 8/18/2020		DEC5D1 DEC5D1_20200820 8/20/2020		DEC6D1 DEC6D1_20200817 8/17/2020		DEC7D1 DEC7D1_20200817 8/17/2020		
Analyte	CAS Number	NYSDEC TOGS 1.1.1	Method	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane (TCA)	71-55-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	0.91	J	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	3	U	6	U	1.6	U
1,1,2-Trichloroethane	79-00-5	1	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1.2	U	1	U	0.87	J	1	U
1,1-Dichloroethane	75-34-3	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	5.7	U	1.1	U	0.93	J	1.3	U
1,1-Dichloroethene	75-35-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	4.4	U	1.8	U	5.1	U	0.81	J
1,2,3-Trichlorobenzene	87-61-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	3.5	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1.2	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,4-Dioxane (P-Dioxane)*	123-91-1	1	SW8260C	ug/l	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U
1,4-Dioxane (P-Dioxane)*	123-91-1	1	SW8270DSIM	ug/l	0.2	U	0.2	U	0.2	U	0.1	J	1.3	U	4.8	U	6.2	U	6.3	U	4	U
2-Ethyl-1-Hexanol	104-76-7		SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	7	JN	5	U	5	U	5	U
2-Hexanone	591-78-6	50	SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	SW8260C	ug/l	1	U	1	U	1	U	1	U	6.7	U	3.2	U	0.46	J	0.73	J	3.9	U
Chloromethane	74-87-3	5	SW8260C	ug/l	1	U	0.59	J	0.45	J	1	U	1	U	1	U	1	U	1.2	U	0.79	J
Cis-1,2-Dichloroethylene	156-59-2	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	5.7	U	370	U	58	U	2.3	U	2.5	U
Cis-1,3-Dichloropropene	10061-01-5		SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7		SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Ethylbenzene	100-41-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Isopropylbenzene (Cumene)	98-82-8	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
m,p-Xylene	179601-23-1		SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methyl Acetate	79-20-9		SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1		SW8260C	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2		SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tert-Butyl Methyl Ether	1634-04-4	10	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	127-18-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	0.69	J	2.5	U	0.89	J	0.73	J	5.4	U
Toluene	108-88-3	5	SW8260C	ug/l	1.2	U	0.48	J	0.47	J	1	U	0.4	J	0.53	J	0.84	J	2.1	U	1	U
Trans-1,2-Dichloroethene	156-60-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1.9	U	0.79	J	1	U	1	U
Trans-1,3-Dichloropropene	10061-02-6		SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Trichloroethylene (TCE)	79-01-6	5	SW8260C	ug/l	1	U	1	U	1	U	0.85	J	57	U	880	J+	20	U	180	U	90	U
Trichlorofluoromethane	75-69-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	SW8260C	ug/l	1	U	1	U	1	U	1	U	1	U	0.4	J	1	U	1	U	1	U

Notes:
 VALUE is non-detect.
 VALUE exceeds NYS 703.5 TOGS Class GA Criteria.
 VALUE is non-detect but the reporting limit exceeds the criteria.



Table 1 Groundwater Analytical Results
Grumman NYSDEC MW Sampling
August 2020

Analyte	CAS Number	NYSDEC TOGS 1.1.1	Method	Units	Equipment Blank EB_20200818 8/18/2020		Trip Blank TB_20200818 8/18/2020		Trip Blank TB_20200820 8/20/2020		Trip Blank TB_20200821 8/20/2020	
					Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1-Trichloroethane (TCA)	71-55-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	79-34-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	79-00-5	1	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,1-Dichloroethane	75-34-3	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,1-Dichloroethene	75-35-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	87-61-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	120-82-1	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	95-50-1	3	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2-Dichloroethane	107-06-2	0.6	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,2-Dichloropropane	78-87-5	1	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	541-73-1	3	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	106-46-7	3	SW8260C	ug/l	1	U	1	U	1	U	1	U
1,4-Dioxane (P-Dioxane)	123-91-1	1	SW8260C	ug/l	50	U	50	UT	50	U	50	U
1,4-Dioxane (P-Dioxane)	123-91-1	1	SW8270DSIM	ug/l	0.2	U						
2-Hexanone	591-78-6	50	SW8260C	ug/l	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	SW8260C	ug/l	6.3		7.1		8.9		8.9	
Benzene	71-43-2	1	SW8260C	ug/l	1	U	1	U	1	U	1	U
Bromochloromethane	74-97-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Bromodichloromethane	75-27-4	50	SW8260C	ug/l	1	U	1	U	1	U	1	U
Bromoform	75-25-2	50	SW8260C	ug/l	1	U	1	U	1	U	1	U
Bromomethane	74-83-9	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Carbon Disulfide	75-15-0	60	SW8260C	ug/l	1	U	1	U	1	U	1	U
Carbon Tetrachloride	56-23-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Chlorobenzene	108-90-7	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Chloroethane	75-00-3	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Chloroform	67-66-3	7	SW8260C	ug/l	1	U	1	U	1	U	1	U
Chloromethane	74-87-3	5	SW8260C	ug/l	0.53	J	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	156-59-2	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	10061-01-5		SW8260C	ug/l	1	U	1	U	1	U	1	U
Cyclohexane	110-82-7		SW8260C	ug/l	1	U	1	U	1	U	1	U
Dibromochloromethane	124-48-1	50	SW8260C	ug/l	1	U	1	U	1	U	1	U
Dichlorodifluoromethane	75-71-8	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Ethylbenzene	100-41-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Isopropylbenzene (Cumene)	98-82-8	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
m,p-Xylene	179601-23-1		SW8260C	ug/l	1	U	1	U	1	U	1	U
Methyl Acetate	79-20-9		SW8260C	ug/l	5	U	5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	SW8260C	ug/l	5	U	5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1		SW8260C	ug/l	5	U	5	U	5	U	5	U
Methylcyclohexane	108-87-2		SW8260C	ug/l	1	U	1	U	1	U	1	U
Methylene Chloride	75-09-2	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	95-47-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Styrene	100-42-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Tert-Butyl Methyl Ether	1634-04-4	10	SW8260C	ug/l	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	127-18-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Toluene	108-88-3	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	156-60-5	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	10061-02-6		SW8260C	ug/l	1	U	1	U	1	U	1	U
Trichloroethylene (TCE)	79-01-6	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Trichlorofluoromethane	75-69-4	5	SW8260C	ug/l	1	U	1	U	1	U	1	U
Vinyl Chloride	75-01-4	2	SW8260C	ug/l	1	U	1	U	1	U	1	U

Notes:

VALUE is non-detect.

VALUE exceeds NYS 703.5 TOGS Class GA Criteria.

VALUE is non-detect but the reporting limit exceeds the criteria.



Qualifiers	Definitions
J	Estimated value. +/- indicates direction of bias.
N	The analyte is tentatively identified.
T	An associated lab quality control sample is out of range.
U	Result was not detected. Reporting detection limit is listed instead.

Matrix	Applicable Criteria	Definitions
Groundwater	NYSDEC TOGS 1.1.1	TOGS 1.1.1 (a) 1,4-Dioxane Maximum Contaminant Levels (b)

References:

(a) New York State Division of Water Technical and Operational Guidance Series (1.1.1)

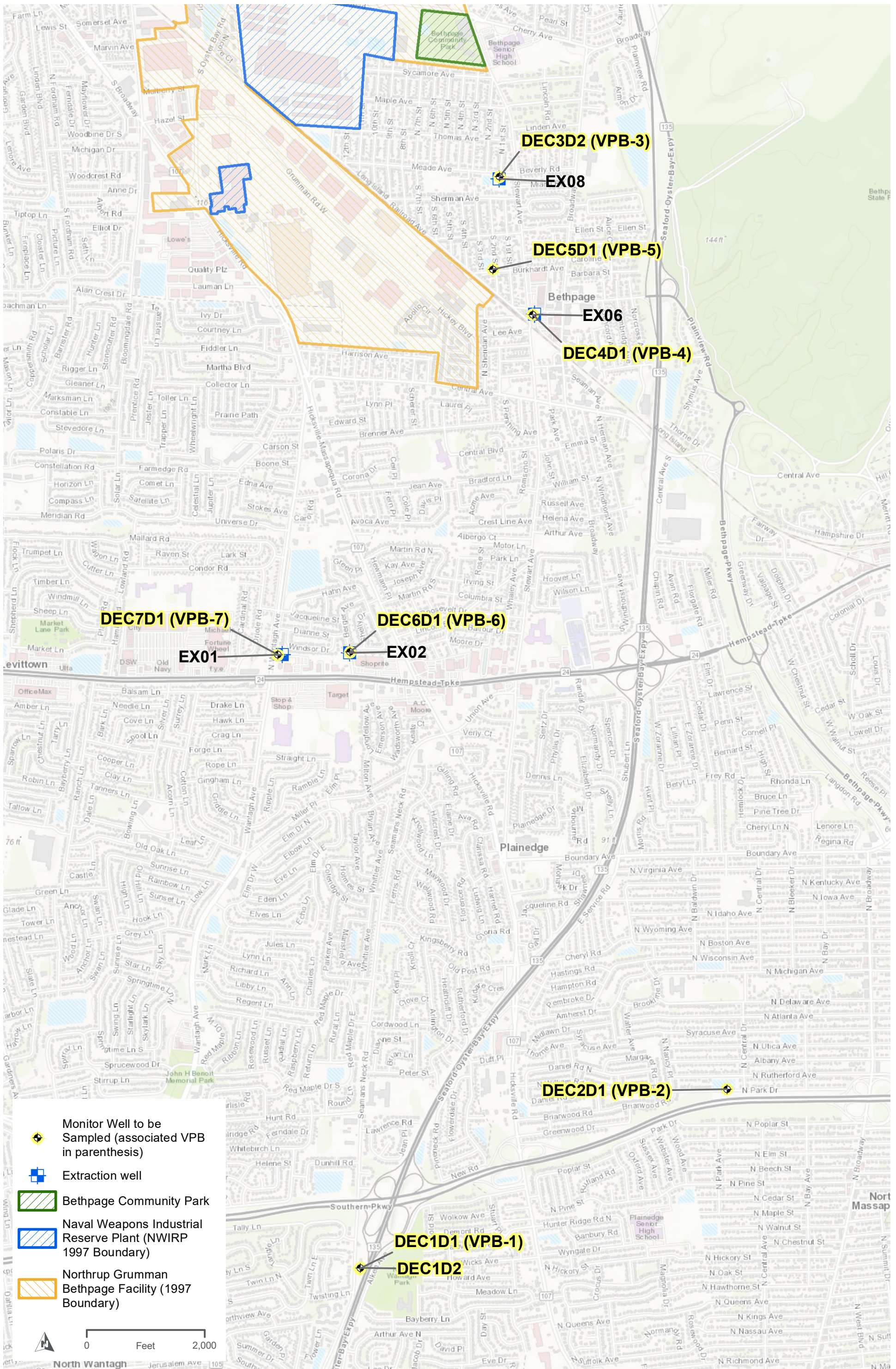
https://www.dec.ny.gov/docs/water_pdf/togs111.pdf

(b) NYS Register, July 24, 2019. Subpart 5-1 of Title 10 NYCRR, Section 5-1.52, Table 3 propose amendment. Notice of Adoption as amended, NYS Register August 26, 2020

<https://www.dos.ny.gov/info/register.htm>

Notes:

* 1,4-Dioxane is compared to the New York State drinking water MCL.



DEC MONITOR WELL SAMPLING PROGRAM

NYSDEC SITE# 130003

FIGURE 1



ATTACHMENTS



Attachment 1 - Monitoring Well Sampling Logs



Well Sampling Log

Well ID No.: DEC1D1

Well Casing Type: PVC

Start SWL: 21.90

Project: NYSDEC - Grumman

Well Depth**: 720

Water Column Ht.: 31.74

Date: 8/19/2020

Screened Interval: 695-715

Well Volume (gallons): 5.08

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation**: 47.9

SWL During Sampling: 21.9

Pump Intake (ft) 705

Well Diameter (in.) 4

Sample Time: 1355

Meters Used: YSI, MiniRAE3000

Well Condition: Fair

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: 70, rainy

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC1D1-20200819

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (Co)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
		0.216										Pump on
12:51:10	1.08	0.216	18.3	0.057	28.4	6.02	7.72	37	0.03	125.27	21.9	
12:52:32	2.16	0.216	15.8	0.048	-57.6	5.56	6.28	31	0.02	95.97	21.9	
12:57:32	3.24	0.1	14.6	0.045	-104.6	1.28	5.98	29	0.02	177.72	21.9	
13:02:32	3.74	0.1	14.5	0.045	-111.2	1.02	5.91	29	0.02	114.33	21.9	
13:07:32	4.24	0.1	14.4	0.044	-117.2	0.99	5.97	29	0.02	165.98	21.9	
13:12:32	4.74	0.1	14.9	0.044	-119.3	0.92	5.96	29	0.02	147.5	21.9	
13:17:32	5.24	0.1	14.6	0.044	-125.2	0.77	5.97	29	0.02	134.18	21.9	
13:22:32	5.74	0.1	14.7	0.044	-128.9	0.66	5.94	28	0.02	118.15	21.9	
13:27:32	6.24	0.1	14.7	0.044	-128.6	0.63	5.92	28	0.02	117.06	21.9	
13:32:32	6.74	0.11	14.8	0.044	-130.4	0.61	5.92	28	0.02	117.68	21.9	
13:37:32	7.29	0.11	14.7	0.044	-131.2	0.59	5.91	28	0.02	118.55	21.9	
13:42:32	7.84	0.11	14.8	0.044	-129.4	0.57	5.91	28	0.02	111.38	21.9	
	8.39	0.11										
	8.94	0.11										
												Sample 1355
Comments:												

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC1D2

Well Casing Type: PVC
Well Depth:** 785
Screened Interval: 760-780
Well Elevation:** 47.8
Well Diameter (in.): 4
Well Condition: Good
Weather Conditions: Sunny/55

Start SWL: 21.45
Water Column Ht.: 763.55
Well Volume (gallons): 122.168
SWL During Sampling: 21.45
Sample Time: 0955
Sample Method: Low Flow
Sample Analyses: VOC, 1-4 Dioxane SIM

Project: NYSDEC - Grumman
Date: 8/20/2020
Crew: S. Englert, D. Matuszewski, C. Budd
Pump Intake (ft) 770
Meters Used: YSI, MiniRAE3000
PID Head Space (ppm):
Sample ID: DEC1D2-20200820

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
8:55:02	0.1	0.1	14	0.031	67.2	2.83	5.73	20	0.01	79.7	21.45	
9:00:02	0.5	0.1	14.1	0.031	59.9	2.27	5.66	20	0.01	92.17	21.45	
9:05:01	1	0.1	14	0.03	7.4	2.21	5.63	20	0.01	73.43	21.45	
9:10:01	1.5	0.1	14	0.029	-10.8	2.21	5.59	19	0.01	117.58	21.45	
9:15:01	2	0.12	13.9	0.029	-13.9	2.19	5.53	19	0.01	52.28	21.45	
9:20:01	2.6	0.12	13.9	0.028	-11.4	2.18	5.45	18	0.01	43.14	21.45	
9:25:01	3.2	0.12	13.9	0.027	-5.7	2.09	5.35	18	0.01	92.4	21.45	
9:30:01	3.8	0.12	13.9	0.027	1	1.76	5.23	18	0.01	46.27	21.45	
9:35:01	4.4	0.12	13.9	0.27	23	1.22	3.1	18	0.01	34.2	21.45	
9:40:01	5	0.12	13.9	0.28	45	0.59	4.87	18	0.01	21.22	21.45	
9:45:01	5.6	0.12	13.9	0.28	47	0.63	4.77	18	0.01	20.21	21.45	
9:50:01	6.2	0.12	13.9	0.29	50.8	0.53	4.79	19	0.01	20.18	21.45	
9:55:01	6.8	0.12										
												Turb started reading again
												Collected Sample 9:55
Comments:												

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC2D1

Well Casing Type: PVC

Start SWL: 22.91

Project: NYSDEC - Grumman

Well Depth:** 205

Water Column Ht.: 182.09

Date: 8/18/2020

Screened Interval: 180-200

Well Volume (gallons): 29.1344

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation:** 56.1

SWL During Sampling: 22.91

Pump Intake (ft) 190

Well Diameter (in.) 4

Sample Time: 14:12

Meters Used: YSI, MiniRAE3000

Well Condition: Fair

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: 75, Sunny

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC2D1-20200818

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
13:27		0.21	19.7	259.1	130.3	5	5.52	168	0.12	7.1	22.91	Pump on
13:32	1.05	0.18	17.6	254.4	190.4	1.37	5.51	165	0.12	15.74	22.91	
13:37	1.95	0.18	17.5	252.1	193.4	0.58	5.62	164	0.12	20.42	22.91	
13:42	2.85	0.15	17.5	250.6	196.2	0.42	5.61	163	0.12	31.02	22.91	
13:47	3.6	0.12	17.6	249.4	198	0.34	5.61	162	0.12	40.72	22.91	
13:52	4.2	0.12	17.6	248.6	199.1	0.31	5.61	162	0.12	52.91	22.91	
13:57	4.8	0.12	17.5	247.7	199.7	0.28	5.61	161	0.12	55.01	22.91	
14:02	5.4	0.12	17.4	246.4	200.5	0.26	5.61	160	0.12	53.02	22.91	
14:07	6	0.12	17	246.9	200.3	0.24	5.61	160	0.12	57.24	22.91	
14:12	6.6											Sample

Comments:

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC3D2

Well Casing Type: PVC

Start SWL: 47.95

Project: NYSDEC - Grumman

Well Depth:** 325

Water Column Ht.: 277.05

Date: 8/20/2020

Screened Interval: 300-320

Well Volume (gallons): 44.328

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation:** 114.1

SWL During Sampling: 47.95

Pump Intake (ft) 310

Well Diameter (in.) 4

Sample Time: 1405

Meters Used: YSI, MiniRAE3000

Well Condition: Good

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: Sunny/60

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC3D2-20200820

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
11:25:45		0.18	17.4	0.222	179.3	7.8	5.57	144	0.11	4.9	47.95	
11:30:45	0.9	0.18	16.7	0.22	189.3	2.85	5.44	143	0.1	4.49	47.95	
11:35:45	1.8	0.18	16.6	0.22	195.4	2.56	5.42	143	0.1	6.17	47.95	
11:40:45	2.7	0.18	16.5	0.219	200.1	2.49	5.42	143	0.1	5.9	47.95	
11:45:45	3.6	0.18	16.5	0.22	204.4	2.48	5.41	143	0.1	15.03	47.95	
11:50:45	4.5	0.18	16.4	0.245	74.1	2.77	5.78	159	0.12	869.53	47.95	
11:56:06	5.4	0.18	16.6	0.361	-80.7	0.72	6.5	235	0.17	1186.57	47.95	
12:01:06	6.3	0.18	16.6	0.357	-133.6	0.58	6.48	232	0.17	593.18	47.95	
12:06:06	7.2	0.18	16.4	0.324	-154.3	0.62	6.36	211	0.16	916.59	47.95	
12:11:06	8.1	0.18	16.5	0.318	-164.1	0.35	6.31	207	0.15	2229.54	47.95	
12:16:06	9	0.18	16.2	0.316	-175.7	0.19	6.3	205	0.15	1281.54	47.95	
12:21:06	9.9	0.18	16.3	0.295	-117.5	1.5	6.13	192	0.14	272.68	47.95	
12:26:06	10.8	0.18	16.8	0.284	-86.5	2.31	5.99	184	0.14	226.16	47.95	
12:31:06	11.7	0.18	16.2	0.274	-18.4	4.33	5.57	178	0.13	222.26	47.95	
12:36:06	12.6	0.18	16.1	0.273	22	4.66	5.46	178	0.13	259.78	47.95	
12:41:06	13.5	0.18	16.5	0.272	45.6	4.99	5.36	177	0.13	179.99	47.95	
12:46:06	14.4	0.18	16.4	0.273	59.6	5.11	5.35	177	0.13	333.53	47.95	
12:51:06	15.3		16.3	0.273	70.4	4.89	5.43	178	0.13	401.73	47.95	

Comments:

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC3D2(2)

Well Casing Type: PVC

Start SWL: 47.95

Project: NYSDEC - Grumman

Well Depth**: 325

Water Column Ht.: 277.05

Date: 8/20/2020

Screened Interval: 300-320

Well Volume (gallons): 44.328

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation**: 114.1

SWL During Sampling: 47.95

Pump Intake (ft) 310

Well Diameter (in.) 4

Sample Time: 1405

Meters Used: YSI, MiniRAE3000

Well Condition: Good

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: Sunny/55

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC3D2-20200820

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
12:54:27		0.21	16.3	0.272	76.1	5.15	5.34	177	0.13	271.49	47.95	
12:59:27	1.05	0.21	16.4	0.272	81.6	5.39	5.27	177	0.13	166.56	47.95	
13:04:27	2.1	0.21	16.6	0.272	86.5	5.26	5.29	177	0.13	318.64	47.95	
13:09:27	3.15	0.21	16.5	0.272	91.3	5.41	5.25	177	0.13	118.47	47.95	
13:14:27	4.2	0.21	16.4	0.271	95.7	5.52	5.2	176	0.13	109.83	47.95	
13:19:27	5.25	0.21	16.6	0.271	100.4	5.58	5.16	176	0.13	96.88	47.95	
13:24:27	6.3	0.21	16.9	0.271	106.9	5.6	5.14	176	0.13	69.3	47.95	
13:29:27	7.35	0.21	17.1	0.271	113.1	5.67	5.12	176	0.13	61.71	47.95	
13:34:27	8.4	0.21	17.4	0.271	118.7	5.67	5.1	176	0.13	56.41	47.95	
13:39:27	9.45	0.21	17.2	0.271	123.6	5.69	5.08	176	0.13	46.9	47.95	
13:44:27	10.5	0.21	17.3	0.271	127.9	5.72	5.07	176	0.13	56.99	47.95	
13:50:00	11.55	0.21	17.3	0.271	132	5.74	5.05	176	0.13	48.2	47.95	
13:55:00	12.6	0.21	17.3	0.271	137	5.76	5.04	176	0.13	42.54	47.95	
14:05:00	13.65		17.5	0.271	141.7	5.76	5.03	176	0.13	40.05	47.95	14:05 sampled
Comments:												

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC4D1

Well Casing Type: PVC

Start SWL: 41.25

Project: NYSDEC - Grumman

Well Depth**: 495

Water Column Ht.: 453.75

Date: 8/18/2020

Screened Interval: 470-495

Well Volume (gallons): 72.6

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation**: 101.7

SWL During Sampling: 41.3

Pump Intake (ft) 482.5

Well Diameter (in.) 4

Sample Time: 1135

Meters Used: YSI, MiniRAE3000

Well Condition: Good

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: Sunny 75

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC4D1_20200818

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (uS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
10:10:01		0.38	18.4	29.7	70.5	5.71	6.32			20.56	41.25	
10:15:01	1.9	0.38	18	28.8	-40.7	2.52	6.31			11.84	41.3	
10:20:01	3.8	0.38	18	29.6	-56.2	1.99	6.35			6.59	41.3	
10:25:01	5.7	0.38	18.1	32.5	-73	1.71	6.35			4.35	41.3	
10:30:01	7.6	0.38	18.2	43.2	-94.1	1.59	6.36			4.22	41.3	
10:35:01	9.5	0.38	18	63.4	-110.7	1.29	6.39			4.22	41.3	
10:40:01	11.4	0.38	17.5	121.9	-97	1.8	6.28			7.52	41.3	
10:45:19	13.3	0.38	17.4	201.8	-28.2	1.19	5.25			5.25	41.3	
10:50:19	15.2	0.38	17.5	208.4	30	1.11	5.04			5.04	41.3	
10:55:19	17.1	0.38	17.4	207.9	55.9	1.04	5.05			5.05	41.3	
11:00:19	19	0.38	17.3	207.6	68.9	0.98	5.08			5.08	41.3	
11:05:19	20.9	0.38	17.3	207.5	68.7	0.91	5.11			5.11	41.3	
11:10:19	22.8	0.38	17.4	207.5	53	0.85	5.12			5.12	41.3	
11:10:36	24.7	0.38	17.3	207.4	52.2	0.85	5.12			9.42	41.3	
11:15:36	26.6	0.38	17.3	207.9	40.2	0.81	5.13			11.17	41.3	
11:20:36	28.5	0.38	17.3	207.9	34.2	0.78	5.13			12.01	41.3	
11:25:36	30.4	0.38	17.2	208.7	27.9	0.76	5.12			15.81	41.3	
11:30:15	32.3	0.38	17.2	208.9	24.1	0.74	5.12			20.53	41.3	
11:35:10	34.2		17.2	208.8	19.7	0.73	5.12			22.79	41.3	Sampled
Comments:												

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC5D1

Well Casing Type: PVC

Start SWL: 43.80

Project: NYSDEC - Grumman

Well Depth**: 415

Water Column Ht.: 371.20

Date: 8/20/2020

Screened Interval: 390-410

Well Volume (gallons): 59.392

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation**: 106.1

SWL During Sampling: 43.8

Pump Intake (ft) 400

Well Diameter (in.) 4

Sample Time: 1555

Meters Used: YSI, MiniRAE3000

Well Condition: Good

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: 65, Sunny

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC5D1-20200820

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
14:53:47	0.19	0.19	16.1	0.115	133.5	6.12	5.61	75	0.05	3.75	43.8	Pump on.
14:58:47	0.95	0.18	15.6	0.113	147	2.38	5.48	74	0.05	4.4	43.8	
15:03:47	1.85	0.18	15.6	0.114	157.2	2.33	5.43	74	0.05	3.77	43.8	
15:08:47	2.75	0.18	15.6	0.116	153.3	2.72	5.41	75	0.05	29.04	43.8	
15:13:47	3.65	0.18	15.7	0.176	9.5	1.5	6.36	115	0.08	962.23	43.8	
15:18:47	4.55	0.18	15.6	0.129	85.6	3.18	5.4	84	0.06	72.99	43.8	
15:23:47	5.45	0.18	15.6	0.128	113.3	3.29	5.34	83	0.06	39.8	43.8	
15:28:47	6.35	0.18	15.6	0.128	130.3	3.35	5.32	83	0.06	65.14	43.8	
15:31:42	7.25	0.18	15.7	0.128	137.4	3.37	5.32	83	0.06	38.28	43.8	
15:36:42	8.15	0.18	15.6	0.128	147.5	3.36	5.32	83	0.06	41.86	43.8	
15:41:42	9.05	0.18	15.4	0.128	152.3	3.35	5.32	83	0.06	36.91	43.8	
15:46:42	9.95	0.18	15.5	0.128	157.2	3.32	5.32	83	0.06	32.68	43.8	
15:50:42	10.85	0.18										
15:55:42	11.75											Sample 1555
Comments:												

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC6D1

Well Casing Type: PVC

Start SWL: 36.89

Project: NYSDEC - Grumman

Well Depth:** 589

Water Column Ht.: 552.11

Date: 8/17/2020

Screened Interval: 564-584

Well Volume (gallons): 88.3376

Crew: S. Englert, D, Matuszewski, C. Budd

Well Elevation:** 86.07

SWL During Sampling: 36.89

Pump Intake (ft) 574

Well Diameter (in.) 4

Sample Time: 1625

Meters Used: YSI, MiniRAE3000

Well Condition: Good

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: Sunny/80

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC6D1-20200817

Time	Est. Liters Purged	Purge Rate (ml/min)	Temp. (C°)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppt)	Turbidity (NTU)	Depth to Water*	Comments
1545		0.16	19.4	115.6	145.6	4.42	6.13			13.28	36.89	
1550	0.8	0.16	18.4	114.6	159.7	2.01	6.02			16.52	36.89	
1555	1.6	0.16	18.3	113.8	165.4	1.57	6.02			18.05	36.89	
1600	2.4	0.16	18.2	113.5	168.9	1.44	6.03			19.22	36.89	
1605	3.2	0.16	18.1	113.1	169.5	1.4	6.04			16.29	36.89	
1610	4	0.16	18.1	112.7	168.4	1.34	6.06			17.75	36.89	
1615	4.8	0.16	18.1	112.3	167.7	1.31	6.07			20.95	36.89	
1620	5.6	0.16	17.9	112.4	170.2	1.3	6.06			16.02	36.89	
1625	6.4		17.9	112.2	175.2	1.3	6.05			17.5	36.89	Sampled
												200ml/min
												4 gals purged

Comments:

Notes: * - Measurement taken from top of well casing



Well Sampling Log

Well ID No.: DEC7D1

Well Casing Type: PVC

Start SWL: 22.97

Project: NYSDEC - Grumman

Well Depth**: 305

Water Column Ht.: 282.08

Date: 8/17/2020

Screened Interval: 280-300

Well Volume (gallons): 45.1328

Crew: S. Englert, D. Matuszewski, C. Budd

Well Elevation**: 75.7

SWL During Sampling: 22.97

Pump Intake (ft) 290

Well Diameter (in.) 4

Sample Time: 1250

Meters Used: YSI, MiniRAE3000

Well Condition: Fair

Sample Method: Low Flow

PID Head Space (ppm):

Weather Conditions: 75, Sunny

Sample Analyses: VOC, 1-4 Dioxane SIM

Sample ID: DEC7D1-20200817

Time	Est. Liters Purged	Purge Rate (Lpm)	Temp. (Co)	Cond. (mS/cm)	ORP (mV)	D.O. (mg/L)	pH	TDS	Salinity (ppth)	Turbidity (NTU)	Depth to Water*	Comments
11:45		0.12	15.9	124.7	260	6.77	5.28			22.64	22.97	Pump on
11:50	0.6	0.12	15.8	122.5	274.7	4.23	5.13			8.41	22.97	
11:55	1.2	0.12	15.8	121.7	280.3	3.08	5.06			22.8	22.97	
12:00	1.8	0.12	15.7	122.2	287.9	3.31	4.94			39.04	22.97	
12:05	2.4	0.12	15.7	123	293.4	2.98	4.94			59.2	22.97	
12:10	3	0.12	15.7	122.7	300.1	3.01	4.91			63.77	22.97	
12:15	3.6	0.12	15.6	122.6	305.2	3.03	4.9			53.35	22.97	
12:20	4.2	0.12	15.6	122.4	309.5	3.06	4.89			48.46	22.97	
12:25	4.8	0.12	15.5	122.3	313.7	3.09	4.88			44.96	22.97	
12:30	5.4	0.12	15.5	122.2	318.2	3.12	4.88			42.77	22.97	
12:35	6	0.12	15.5	122.5	325.5	3.12	4.88			42.21	22.97	
12:40	6.6	0.12	15.4	122.3	328.7	3.09	4.88			43.12	22.97	
12:45	7.2	0.12	15.5	122.3	330.6	3.08	4.88			42.5	22.97	
12:50	7.8											Sample
Comments:												

Notes: * - Measurement taken from top of well casing



Attachment 2 - Data Usability Summary Report

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

September 29, 2020

Carol Zurlo
HDR
16 Corporate Woods Blvd Floor 1
Albany, NY 12211

RE: NYSDEC Contract D007625 WA #32
Northrup Grumman Site
Data Usability Summary Report (DUSR) Analytical Laboratory Data Validation
Eurofins TestAmerica SDGs 460-216353-1, 460-216635-1, and 460-216706-1

Dear Ms. Zurlo:

Review has been completed for the analytical data packages generated by Eurofins TestAmerica Laboratories that pertain to aqueous samples collected between 08/17/20 and 08/20/20 at the NYSDEC Northrup Grumman site. Eight samples and a field duplicate were processed for TCL volatiles and Tentatively Identified Compounds (TICs) by USEPA SW846 method 8260C, and 1,4-dioxane by USEPA method 8270D SIM.

The data packages submitted by the laboratory contain full deliverables for validation, and this DUSR is generated from review of the summary form and raw data documentation. The data have been reviewed using guidance from the USEPA validation guidance documents. The following items were reviewed:

- * Laboratory Narrative Discussion
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Matrix Spike Recoveries/Correlations
- * Blind Field Duplicate Correlations
- * Method/Trip/Equipment/Field Blanks
- * Laboratory Control Samples (LCSs)
- * Instrumental Tunes
- * Calibration Standards
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, analyses were conducted in compliance with the required analytical protocols. Sample results are usable either as reported or with minor qualification.

Data completeness, accuracy, precision, representativeness, sensitivity, and the analytical method comparability are acceptable.

The sample identification summary is attached to this text. Also included with the report are the laboratory EQuIS results files, annotated in red with qualifications recommended in this report.

The data package sample results forms incorrectly show MDLs as reporting limits. The EDD files incorrectly show MDLs as quantitation limits. The former is inappropriate and prohibited, and the latter is incorrect.

The following text discusses quality issues of concern.

Chain-of-Custody/Sample Receipt

The year was not noted in the final laboratory receipt date for samples reported in SDG 460-216353-1.

Blind Field Duplicate Correlations

The field duplicate evaluation were performed on DEC1D2-20200820. All correlations fall with validation guidelines.

TCL Volatile Analyses by EPA 8260C

The result for trichloroethene in DEC4D1-20200818 is qualified as estimated, with a high bias, due to an elevated surrogate recovery in that analysis.

Holding times were met. Internal standard responses are compliant. Blanks show no detections affecting sample reported results.

The matrix spike evaluation was performed on DEC2D1-20200818, and shows recoveries and correlations within validation guidelines.

LCS recoveries are within validation guidelines.

Calibration standards showed responses within validation guidelines, with the exception of that for bromomethane (28%D) in the standard associated with the samples reported in SDG 460-216635-1. The results for that compound in those samples have been qualified as estimated in value.

Some of the samples were processed only at dilution due to target analyte concentrations, and the reporting limits of those samples are proportionally elevated.

1,4-Dioxane by 8270D SIM

Holding times were met. Surrogate and internal standard responses are compliant. Blanks show no contamination.

The matrix spike evaluation of DEC2D1-20200818 shows recoveries and correlations within the laboratory acceptance range and limit.

Calibration standards are within analytical requirements.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

A handwritten signature in cursive script that reads "Judy Harry".

Judy Harry

Att: Validation Qualifier Definitions
Sample Identifications
Qualified Laboratory EQUIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- J-** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
- J+** The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
- UJ** The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Summaries

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216353-1	DEC7D1_20200817	Water	08/17/20 12:50	08/18/20 18:30	
460-216353-2	DEC6D1_20200817	Water	08/17/20 16:25	08/18/20 18:30	
460-216353-3	DEC4D1_20200818	Water	08/18/20 11:35	08/18/20 18:30	
460-216353-4	TB_20200818	Water	08/18/20 00:00	08/18/20 18:30	

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216635-1	DEC2D1_20200818	Water	08/18/20 14:12	08/20/20 18:00	
460-216635-2	EB_20200818	Water	08/18/20 14:00	08/20/20 18:00	
460-216635-3	DEC1D1_20200819	Water	08/19/20 13:55	08/20/20 18:00	
460-216635-4	DEC1D2_20200820	Water	08/20/20 09:55	08/20/20 18:00	
460-216635-5	TB_20200820	Water	08/20/20 00:00	08/20/20 18:00	
460-216635-6	DEC_GW_DUPE_20200820	Water	08/20/20 00:00	08/20/20 18:00	

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216706-1	DEC3D2_20200820	Water	08/20/20 14:05	08/22/20 11:45	
460-216706-2	DEC5D1_20200820	Water	08/20/20 15:55	08/22/20 11:45	
460-216706-3	TB_20200821	Water	08/20/20 15:55	08/22/20 11:45	



Attachment 3 - Analytical Data Summary Packages

ANALYTICAL REPORT

Job Number: 460-216353-1

Job Description: WA32 - Northrop Grumman

For:
HDR Inc
16 Corporate Woods Blvd.
Ste 204
Albany, NY 12211
Attention: Scott Englert



Approved for release.
Jill K Miller
Senior Project Manager
8/28/2020 9:39 AM

Designee for
Julie L Gilmore, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(484)685-0865
Julie.Gilmore@Eurofinset.com
08/28/2020

cc: Mr. Michael Lehtinen
Mr. Derek Matuszewski
Ms. Carol Zurlo

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

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

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.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

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CASE NARRATIVE

Client: HDR Inc

Project: WA32 - Northrop Grumman

Report Number: 460-216353-1

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 08/18/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 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 DEC7D1_20200817 (460-216353-1), DEC6D1_20200817 (460-216353-2), DEC4D1_20200818 (460-216353-3) and TB_20200818 (460-216353-4) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/26/2020 and 08/27/2020.

The continuing calibration verification (CCV) analyzed in batch 460-719629 was outside the method criteria for the following analytes: Methyl acetate (bias low) and Trichlorofluoromethane (bias high). 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) for analytical batch 460-719629 recovered outside control limit for 1,4-Dioxane. The analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

1,4-Dioxane failed the recovery criteria high for LCS 460-719629/5. 1,4-Dioxane, Bromomethane, Chloroethane, Chloromethane, Trichlorofluoromethane and Vinyl chloride failed the recovery criteria high for LCS 460-719790/4. 1,4-Dioxane, Bromomethane, Chloroethane, Chloromethane and Vinyl chloride failed the recovery criteria high for LCSD 460-719790/5. Refer to the QC report for details.

Sample DEC4D1_20200818 (460-216353-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS) - SELECTED ION MODE (SIM) - 1,4 DIOXANE

Samples DEC7D1_20200817 (460-216353-1), DEC6D1_20200817 (460-216353-2) and DEC4D1_20200818 (460-216353-3) were analyzed for Semivolatile Organic Compounds (GC/MS) - Selected Ion Mode (SIM) - 1,4 Dioxane in accordance with EPA SW-846 Method 8270D - SIM 1,4Dioxane. The samples were prepared on 08/21/2020 and analyzed on 08/22/2020.

No difficulties were encountered during the 1,4 Dioxane(SIMDKQP) analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216353-1	DEC7D1_20200817	Water	08/17/20 12:50	08/18/20 18:30	
460-216353-2	DEC6D1_20200817	Water	08/17/20 16:25	08/18/20 18:30	
460-216353-3	DEC4D1_20200818	Water	08/18/20 11:35	08/18/20 18:30	
460-216353-4	TB_20200818	Water	08/18/20 00:00	08/18/20 18:30	

Detection Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC7D1_20200817

Lab Sample ID: 460-216353-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6		1.0	0.31	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.3		1.0	0.26	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.81	J	1.0	0.26	ug/L	1		8260C	Total/NA
Chloroform	3.9		1.0	0.33	ug/L	1		8260C	Total/NA
Chloromethane	0.79	J	1.0	0.40	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.5		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	5.4		1.0	0.25	ug/L	1		8260C	Total/NA
Trichloroethene	90		1.0	0.31	ug/L	1		8260C	Total/NA
1,4-Dioxane	4.0		0.40	0.17	ug/L	1		8270D SIM	Total/NA

Client Sample ID: DEC6D1_20200817

Lab Sample ID: 460-216353-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0		1.0	0.31	ug/L	1		8260C	Total/NA
1,1,2-Trichloroethane	0.87	J	1.0	0.43	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.93	J	1.0	0.26	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	5.1		1.0	0.26	ug/L	1		8260C	Total/NA
Chloroform	0.73	J	1.0	0.33	ug/L	1		8260C	Total/NA
Chloromethane	1.2		1.0	0.40	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.3		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.73	J	1.0	0.25	ug/L	1		8260C	Total/NA
Toluene	2.1		1.0	0.38	ug/L	1		8260C	Total/NA
Trichloroethene	180		1.0	0.31	ug/L	1		8260C	Total/NA
1,4-Dioxane	6.3		0.40	0.17	ug/L	1		8270D SIM	Total/NA

Client Sample ID: DEC4D1_20200818

Lab Sample ID: 460-216353-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.91	J	1.0	0.24	ug/L	1		8260C	Total/NA
1,1,2-Trichloroethane	1.2		1.0	0.43	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	5.7		1.0	0.26	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	4.4		1.0	0.26	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	3.5		1.0	0.43	ug/L	1		8260C	Total/NA
1,2-Dichloropropane	1.2		1.0	0.35	ug/L	1		8260C	Total/NA
Chloroform	3.2		1.0	0.33	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	370		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	2.5		1.0	0.25	ug/L	1		8260C	Total/NA
Toluene	0.53	J	1.0	0.38	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.24	ug/L	1		8260C	Total/NA
Vinyl chloride	0.40	J	1.0	0.17	ug/L	1		8260C	Total/NA
Trichloroethene - DL	880	D	5.0	1.6	ug/L	5		8260C	Total/NA
1,4-Dioxane	4.8		0.40	0.17	ug/L	1		8270D SIM	Total/NA

Client Sample ID: TB_20200818

Lab Sample ID: 460-216353-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1		5.0	4.4	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D SIM	1,4-Dioxane (GC/MS SIM)	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: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC7D1_20200817

Lab Sample ID: 460-216353-1

Date Collected: 08/17/20 12:50

Matrix: Water

Date Received: 08/18/20 18:30

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			08/26/20 17:04	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.6		1.0	0.31	ug/L			08/26/20 17:04	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 17:04	1
1,1-Dichloroethane	1.3		1.0	0.26	ug/L			08/26/20 17:04	1
1,1-Dichloroethene	0.81	J	1.0	0.26	ug/L			08/26/20 17:04	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 17:04	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 17:04	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 17:04	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 17:04	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 17:04	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/26/20 17:04	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:04	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 17:04	1
1,4-Dioxane	28	U *	50	28	ug/L			08/26/20 17:04	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 17:04	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 17:04	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 17:04	1
Acetone	4.4	U	5.0	4.4	ug/L			08/26/20 17:04	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 17:04	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 17:04	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 17:04	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 17:04	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 17:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 17:04	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 17:04	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 17:04	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:04	1
Chloroform	3.9		1.0	0.33	ug/L			08/26/20 17:04	1
Chloromethane	0.79	J	1.0	0.40	ug/L			08/26/20 17:04	1
cis-1,2-Dichloroethene	2.5		1.0	0.22	ug/L			08/26/20 17:04	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 17:04	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 17:04	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 17:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 17:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 17:04	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 17:04	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:04	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 17:04	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 17:04	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 17:04	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 17:04	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 17:04	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 17:04	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 17:04	1
Tetrachloroethene	5.4		1.0	0.25	ug/L			08/26/20 17:04	1
Toluene	0.38	U	1.0	0.38	ug/L			08/26/20 17:04	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/26/20 17:04	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/26/20 17:04	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC7D1_20200817

Lab Sample ID: 460-216353-1

Date Collected: 08/17/20 12:50

Matrix: Water

Date Received: 08/18/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	90		1.0	0.31	ug/L			08/26/20 17:04	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:04	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/26/20 17:04	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/26/20 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		08/26/20 17:04	1
4-Bromofluorobenzene	99		76 - 120		08/26/20 17:04	1
Dibromofluoromethane (Surr)	97		77 - 124		08/26/20 17:04	1
Toluene-d8 (Surr)	107		80 - 120		08/26/20 17:04	1

Method: 8270D SIM - 1,4-Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.0		0.40	0.17	ug/L		08/21/20 07:47	08/22/20 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	111		41 - 144	08/21/20 07:47	08/22/20 00:10	1

Client Sample ID: DEC6D1_20200817

Lab Sample ID: 460-216353-2

Date Collected: 08/17/20 16:25

Matrix: Water

Date Received: 08/18/20 18:30

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			08/26/20 17:29	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0		1.0	0.31	ug/L			08/26/20 17:29	1
1,1,2-Trichloroethane	0.87	J	1.0	0.43	ug/L			08/26/20 17:29	1
1,1-Dichloroethane	0.93	J	1.0	0.26	ug/L			08/26/20 17:29	1
1,1-Dichloroethene	5.1		1.0	0.26	ug/L			08/26/20 17:29	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 17:29	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 17:29	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 17:29	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 17:29	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 17:29	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/26/20 17:29	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:29	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 17:29	1
1,4-Dioxane	28	U *	50	28	ug/L			08/26/20 17:29	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 17:29	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 17:29	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 17:29	1
Acetone	4.4	U	5.0	4.4	ug/L			08/26/20 17:29	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 17:29	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 17:29	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 17:29	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 17:29	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 17:29	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC6D1_20200817

Lab Sample ID: 460-216353-2

Date Collected: 08/17/20 16:25

Matrix: Water

Date Received: 08/18/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 17:29	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 17:29	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 17:29	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:29	1
Chloroform	0.73	J	1.0	0.33	ug/L			08/26/20 17:29	1
Chloromethane	1.2		1.0	0.40	ug/L			08/26/20 17:29	1
cis-1,2-Dichloroethene	2.3		1.0	0.22	ug/L			08/26/20 17:29	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 17:29	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 17:29	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 17:29	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 17:29	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 17:29	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 17:29	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:29	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 17:29	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 17:29	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 17:29	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 17:29	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 17:29	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 17:29	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 17:29	1
Tetrachloroethene	0.73	J	1.0	0.25	ug/L			08/26/20 17:29	1
Toluene	2.1		1.0	0.38	ug/L			08/26/20 17:29	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/26/20 17:29	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/26/20 17:29	1
Trichloroethene	180		1.0	0.31	ug/L			08/26/20 17:29	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:29	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/26/20 17:29	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/26/20 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 123		08/26/20 17:29	1
4-Bromofluorobenzene	100		76 - 120		08/26/20 17:29	1
Dibromofluoromethane (Surr)	102		77 - 124		08/26/20 17:29	1
Toluene-d8 (Surr)	107		80 - 120		08/26/20 17:29	1

Method: 8270D SIM - 1,4-Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.3		0.40	0.17	ug/L		08/21/20 07:47	08/22/20 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	117		41 - 144	08/21/20 07:47	08/22/20 00:31	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC4D1_20200818

Lab Sample ID: 460-216353-3

Date Collected: 08/18/20 11:35

Matrix: Water

Date Received: 08/18/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.91	J	1.0	0.24	ug/L			08/26/20 17:54	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/26/20 17:54	1
1,1,2-Trichloroethane	1.2		1.0	0.43	ug/L			08/26/20 17:54	1
1,1-Dichloroethane	5.7		1.0	0.26	ug/L			08/26/20 17:54	1
1,1-Dichloroethene	4.4		1.0	0.26	ug/L			08/26/20 17:54	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 17:54	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 17:54	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 17:54	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 17:54	1
1,2-Dichloroethane	3.5		1.0	0.43	ug/L			08/26/20 17:54	1
1,2-Dichloropropane	1.2		1.0	0.35	ug/L			08/26/20 17:54	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:54	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 17:54	1
1,4-Dioxane	28	U *	50	28	ug/L			08/26/20 17:54	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 17:54	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 17:54	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 17:54	1
Acetone	4.4	U	5.0	4.4	ug/L			08/26/20 17:54	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 17:54	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 17:54	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 17:54	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 17:54	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 17:54	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 17:54	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 17:54	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 17:54	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:54	1
Chloroform	3.2		1.0	0.33	ug/L			08/26/20 17:54	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/26/20 17:54	1
cis-1,2-Dichloroethene	370		1.0	0.22	ug/L			08/26/20 17:54	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 17:54	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 17:54	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 17:54	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 17:54	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 17:54	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 17:54	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 17:54	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 17:54	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 17:54	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 17:54	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 17:54	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 17:54	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 17:54	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 17:54	1
Tetrachloroethene	2.5		1.0	0.25	ug/L			08/26/20 17:54	1
Toluene	0.53	J	1.0	0.38	ug/L			08/26/20 17:54	1
trans-1,2-Dichloroethene	1.9		1.0	0.24	ug/L			08/26/20 17:54	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/26/20 17:54	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC4D1_20200818

Lab Sample ID: 460-216353-3

Date Collected: 08/18/20 11:35

Matrix: Water

Date Received: 08/18/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 17:54	1
Vinyl chloride	0.40	J	1.0	0.17	ug/L			08/26/20 17:54	1
Tentatively Identified Compound									
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1-Hexanol, 2-ethyl-	7.0	JN	ug/L		11.00	104-76-7		08/26/20 17:54	1
Surrogate									
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96		75 - 123					08/26/20 17:54	1
4-Bromofluorobenzene	97		76 - 120					08/26/20 17:54	1
Dibromofluoromethane (Surr)	96		77 - 124					08/26/20 17:54	1
Toluene-d8 (Surr)	106		80 - 120					08/26/20 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	880	D	5.0	1.6	ug/L			08/27/20 02:28	5
Surrogate									
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	96	D	75 - 123					08/27/20 02:28	5
4-Bromofluorobenzene	100	D	76 - 120					08/27/20 02:28	5
Dibromofluoromethane (Surr)	100	D	77 - 124					08/27/20 02:28	5
Toluene-d8 (Surr)	109	D	80 - 120					08/27/20 02:28	5

Method: 8270D SIM - 1,4-Dioxane (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	4.8		0.40	0.17	ug/L		08/21/20 07:47	08/22/20 00:52	1
Surrogate									
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Nitrobenzene-d5	90		41 - 144				08/21/20 07:47	08/22/20 00:52	1

Client Sample ID: TB_20200818

Lab Sample ID: 460-216353-4

Date Collected: 08/18/20 00:00

Matrix: Water

Date Received: 08/18/20 18:30

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			08/26/20 16:15	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 16:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/26/20 16:15	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 16:15	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/26/20 16:15	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/26/20 16:15	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 16:15	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 16:15	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 16:15	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 16:15	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 16:15	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/26/20 16:15	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 16:15	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 16:15	1
1,4-Dioxane	28	U *	50	28	ug/L			08/26/20 16:15	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 16:15	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: TB_20200818

Lab Sample ID: 460-216353-4

Date Collected: 08/18/20 00:00

Matrix: Water

Date Received: 08/18/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 16:15	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 16:15	1
Acetone	7.1		5.0	4.4	ug/L			08/26/20 16:15	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 16:15	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 16:15	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 16:15	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 16:15	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 16:15	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 16:15	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 16:15	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 16:15	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 16:15	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/26/20 16:15	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/26/20 16:15	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/26/20 16:15	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 16:15	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 16:15	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 16:15	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 16:15	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 16:15	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 16:15	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 16:15	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 16:15	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 16:15	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 16:15	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 16:15	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 16:15	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 16:15	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 16:15	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/26/20 16:15	1
Toluene	0.38	U	1.0	0.38	ug/L			08/26/20 16:15	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/26/20 16:15	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/26/20 16:15	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/26/20 16:15	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 16:15	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/26/20 16:15	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/26/20 16:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 123		08/26/20 16:15	1
4-Bromofluorobenzene	97		76 - 120		08/26/20 16:15	1
Dibromofluoromethane (Surr)	97		77 - 124		08/26/20 16:15	1
Toluene-d8 (Surr)	106		80 - 120		08/26/20 16:15	1

Surrogate Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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)
460-216353-1	DEC7D1_20200817	98	99	97	107
460-216353-2	DEC6D1_20200817	101	100	102	107
460-216353-3	DEC4D1_20200818	96	97	96	106
460-216353-3 - DL	DEC4D1_20200818	96 D	100 D	100 D	109 D
460-216353-4	TB_20200818	98	97	97	106
LCS 460-719629/5	Lab Control Sample	100	101	104	108
LCS 460-719790/4	Lab Control Sample	98	96	103	106
LCSD 460-719629/6	Lab Control Sample Dup	101	100	100	109
LCSD 460-719790/5	Lab Control Sample Dup	99	100	101	105
MB 460-719629/10	Method Blank	99	99	100	107
MB 460-719790/10	Method Blank	99	101	104	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270D SIM - 1,4-Dioxane (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		NBZ (41-144)
460-216353-1	DEC7D1_20200817	111
460-216353-2	DEC6D1_20200817	117
460-216353-3	DEC4D1_20200818	90
LCS 460-718590/2-A	Lab Control Sample	119
LCSD 460-718590/3-A	Lab Control Sample Dup	130
MB 460-718590/1-A	Method Blank	123

Surrogate Legend

NBZ = Nitrobenzene-d5

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: MB 460-719629/10

Matrix: Water

Analysis Batch: 719629

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/26/20 09:42	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 09:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/26/20 09:42	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 09:42	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/26/20 09:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/26/20 09:42	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 09:42	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 09:42	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 09:42	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 09:42	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 09:42	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/26/20 09:42	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 09:42	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 09:42	1
1,4-Dioxane	28	U	50	28	ug/L			08/26/20 09:42	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 09:42	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 09:42	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 09:42	1
Acetone	4.4	U	5.0	4.4	ug/L			08/26/20 09:42	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 09:42	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 09:42	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 09:42	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 09:42	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 09:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 09:42	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 09:42	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 09:42	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 09:42	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/26/20 09:42	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/26/20 09:42	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/26/20 09:42	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 09:42	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 09:42	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 09:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 09:42	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 09:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 09:42	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 09:42	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 09:42	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 09:42	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 09:42	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 09:42	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 09:42	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 09:42	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 09:42	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/26/20 09:42	1
Toluene	0.38	U	1.0	0.38	ug/L			08/26/20 09:42	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/26/20 09:42	1

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: MB 460-719629/10
Matrix: Water
Analysis Batch: 719629

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			08/26/20 09:42	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/26/20 09:42	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 09:42	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/26/20 09:42	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/26/20 09:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		08/26/20 09:42	1
4-Bromofluorobenzene	99		76 - 120		08/26/20 09:42	1
Dibromofluoromethane (Surr)	100		77 - 124		08/26/20 09:42	1
Toluene-d8 (Surr)	107		80 - 120		08/26/20 09:42	1

Lab Sample ID: LCS 460-719629/5
Matrix: Water
Analysis Batch: 719629

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	22.3		ug/L		112	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		99	59 - 142
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	74 - 125
1,1-Dichloroethane	20.0	21.5		ug/L		108	73 - 130
1,1-Dichloroethene	20.0	18.0		ug/L		90	68 - 133
1,2,3-Trichlorobenzene	20.0	19.6		ug/L		98	53 - 144
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	17.4		ug/L		87	41 - 143
1,2-Dichlorobenzene	20.0	21.5		ug/L		107	79 - 122
1,2-Dichloroethane	20.0	21.3		ug/L		107	75 - 121
1,2-Dichloropropane	20.0	22.5		ug/L		112	76 - 126
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	80 - 121
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 118
1,4-Dioxane	400	578	*	ug/L		145	70 - 142
2-Butanone (MEK)	100	91.5		ug/L		92	69 - 128
2-Hexanone	100	106		ug/L		106	74 - 127
4-Methyl-2-pentanone (MIBK)	100	112		ug/L		112	78 - 125
Acetone	100	88.5		ug/L		88	61 - 134
Benzene	20.0	20.1		ug/L		100	78 - 126
Bromoform	20.0	18.8		ug/L		94	38 - 144
Bromomethane	20.0	29.8		ug/L		149	10 - 150
Carbon disulfide	20.0	19.5		ug/L		98	64 - 138
Carbon tetrachloride	20.0	20.8		ug/L		104	56 - 131
Chlorobenzene	20.0	20.7		ug/L		103	80 - 119
Chlorobromomethane	20.0	21.2		ug/L		106	73 - 126
Chlorodibromomethane	20.0	19.6		ug/L		98	58 - 130
Chloroethane	20.0	25.2		ug/L		126	29 - 150

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: LCS 460-719629/5
Matrix: Water
Analysis Batch: 719629

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	22.2		ug/L		111	78 - 125
Chloromethane	20.0	22.8		ug/L		114	38 - 150
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	78 - 121
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	74 - 125
Cyclohexane	20.0	24.5		ug/L		123	67 - 133
Dichlorobromomethane	20.0	22.0		ug/L		110	72 - 121
Dichlorodifluoromethane	20.0	19.6		ug/L		98	31 - 150
Ethylbenzene	20.0	21.2		ug/L		106	78 - 120
Ethylene Dibromide	20.0	18.3		ug/L		92	69 - 126
Isopropylbenzene	20.0	22.1		ug/L		111	79 - 125
Methyl acetate	40.0	30.5		ug/L		76	70 - 127
Methyl tert-butyl ether	20.0	21.4		ug/L		107	65 - 131
Methylcyclohexane	20.0	22.9		ug/L		114	60 - 139
Methylene Chloride	20.0	18.6		ug/L		93	74 - 127
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	78 - 123
o-Xylene	20.0	20.8		ug/L		104	78 - 122
Styrene	20.0	21.4		ug/L		107	75 - 127
Tetrachloroethene	20.0	21.3		ug/L		107	70 - 127
Toluene	20.0	22.1		ug/L		111	78 - 119
trans-1,2-Dichloroethene	20.0	19.8		ug/L		99	74 - 126
trans-1,3-Dichloropropene	20.0	21.1		ug/L		105	66 - 127
Trichloroethene	20.0	19.1		ug/L		96	71 - 121
Trichlorofluoromethane	20.0	27.9		ug/L		139	61 - 140
Vinyl chloride	20.0	24.4		ug/L		122	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		75 - 123
4-Bromofluorobenzene	101		76 - 120
Dibromofluoromethane (Surr)	104		77 - 124
Toluene-d8 (Surr)	108		80 - 120

Lab Sample ID: LCSD 460-719629/6
Matrix: Water
Analysis Batch: 719629

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	18.9		ug/L		95	68 - 128	16	30
1,1,1,2-Tetrachloroethane	20.0	16.1		ug/L		81	63 - 139	12	30
1,1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/L		92	59 - 142	8	30
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	74 - 125	2	30
1,1-Dichloroethane	20.0	19.1		ug/L		96	73 - 130	12	30
1,1-Dichloroethene	20.0	17.2		ug/L		86	68 - 133	4	30
1,2,3-Trichlorobenzene	20.0	16.2		ug/L		81	53 - 144	19	30
1,2,4-Trichlorobenzene	20.0	16.5		ug/L		83	64 - 132	16	30
1,2-Dibromo-3-Chloropropane	20.0	15.6		ug/L		78	41 - 143	11	30
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	79 - 122	11	30
1,2-Dichloroethane	20.0	18.6		ug/L		93	75 - 121	14	30
1,2-Dichloropropane	20.0	19.2		ug/L		96	76 - 126	16	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: LCSD 460-719629/6
Matrix: Water
Analysis Batch: 719629

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
1,3-Dichlorobenzene	20.0	17.9		ug/L		90	80 - 121	12	30
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	80 - 118	11	30
1,4-Dioxane	400	549		ug/L		137	70 - 142	5	30
2-Butanone (MEK)	100	90.7		ug/L		91	69 - 128	1	30
2-Hexanone	100	111		ug/L		111	74 - 127	5	30
4-Methyl-2-pentanone (MIBK)	100	118		ug/L		118	78 - 125	5	30
Acetone	100	83.1		ug/L		83	61 - 134	6	30
Benzene	20.0	17.4		ug/L		87	78 - 126	15	30
Bromoform	20.0	15.8		ug/L		79	38 - 144	17	30
Bromomethane	20.0	28.7		ug/L		143	10 - 150	4	30
Carbon disulfide	20.0	18.1		ug/L		91	64 - 138	7	30
Carbon tetrachloride	20.0	18.0		ug/L		90	56 - 131	14	30
Chlorobenzene	20.0	19.0		ug/L		95	80 - 119	9	30
Chlorobromomethane	20.0	18.1		ug/L		90	73 - 126	16	30
Chlorodibromomethane	20.0	17.6		ug/L		88	58 - 130	11	30
Chloroethane	20.0	24.3		ug/L		121	29 - 150	4	30
Chloroform	20.0	19.9		ug/L		99	78 - 125	11	30
Chloromethane	20.0	22.4		ug/L		112	38 - 150	2	30
cis-1,2-Dichloroethene	20.0	17.5		ug/L		88	78 - 121	16	30
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	74 - 125	11	30
Cyclohexane	20.0	21.8		ug/L		109	67 - 133	12	30
Dichlorobromomethane	20.0	19.2		ug/L		96	72 - 121	14	30
Dichlorodifluoromethane	20.0	17.8		ug/L		89	31 - 150	10	30
Ethylbenzene	20.0	19.1		ug/L		95	78 - 120	11	30
Ethylene Dibromide	20.0	16.8		ug/L		84	69 - 126	9	30
Isopropylbenzene	20.0	19.6		ug/L		98	79 - 125	12	30
Methyl acetate	40.0	29.0		ug/L		72	70 - 127	5	30
Methyl tert-butyl ether	20.0	18.2		ug/L		91	65 - 131	16	30
Methylcyclohexane	20.0	21.0		ug/L		105	60 - 139	9	30
Methylene Chloride	20.0	17.3		ug/L		87	74 - 127	7	30
m-Xylene & p-Xylene	20.0	19.4		ug/L		97	78 - 123	8	30
o-Xylene	20.0	18.5		ug/L		93	78 - 122	12	30
Styrene	20.0	19.2		ug/L		96	75 - 127	11	30
Tetrachloroethene	20.0	18.9		ug/L		94	70 - 127	12	30
Toluene	20.0	19.9		ug/L		100	78 - 119	10	30
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	74 - 126	10	30
trans-1,3-Dichloropropene	20.0	18.7		ug/L		94	66 - 127	12	30
Trichloroethene	20.0	18.2		ug/L		91	71 - 121	5	30
Trichlorofluoromethane	20.0	27.0		ug/L		135	61 - 140	3	30
Vinyl chloride	20.0	23.6		ug/L		118	61 - 144	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 123
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	100		77 - 124
Toluene-d8 (Surr)	109		80 - 120

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: MB 460-719790/10

Matrix: Water

Analysis Batch: 719790

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/26/20 21:59	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/26/20 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/26/20 21:59	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 21:59	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/26/20 21:59	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/26/20 21:59	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/26/20 21:59	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/26/20 21:59	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/26/20 21:59	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/26/20 21:59	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/26/20 21:59	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/26/20 21:59	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/26/20 21:59	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/26/20 21:59	1
1,4-Dioxane	28	U	50	28	ug/L			08/26/20 21:59	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/26/20 21:59	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/26/20 21:59	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/26/20 21:59	1
Acetone	4.4	U	5.0	4.4	ug/L			08/26/20 21:59	1
Benzene	0.20	U	1.0	0.20	ug/L			08/26/20 21:59	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/26/20 21:59	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/26/20 21:59	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/26/20 21:59	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/26/20 21:59	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/26/20 21:59	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/26/20 21:59	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/26/20 21:59	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/26/20 21:59	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/26/20 21:59	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/26/20 21:59	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/26/20 21:59	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/26/20 21:59	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/26/20 21:59	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/26/20 21:59	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/26/20 21:59	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/26/20 21:59	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/26/20 21:59	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/26/20 21:59	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/26/20 21:59	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/26/20 21:59	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/26/20 21:59	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/26/20 21:59	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/26/20 21:59	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/26/20 21:59	1
Styrene	0.42	U	1.0	0.42	ug/L			08/26/20 21:59	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/26/20 21:59	1
Toluene	0.38	U	1.0	0.38	ug/L			08/26/20 21:59	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/26/20 21:59	1

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: MB 460-719790/10
Matrix: Water
Analysis Batch: 719790

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			08/26/20 21:59	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/26/20 21:59	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/26/20 21:59	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/26/20 21:59	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/26/20 21:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 123		08/26/20 21:59	1
4-Bromofluorobenzene	101		76 - 120		08/26/20 21:59	1
Dibromofluoromethane (Surr)	104		77 - 124		08/26/20 21:59	1
Toluene-d8 (Surr)	106		80 - 120		08/26/20 21:59	1

Lab Sample ID: LCS 460-719790/4
Matrix: Water
Analysis Batch: 719790

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	20.3		ug/L		101	68 - 128
1,1,2,2-Tetrachloroethane	20.0	19.1		ug/L		96	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.5		ug/L		102	59 - 142
1,1,2-Trichloroethane	20.0	21.4		ug/L		107	74 - 125
1,1-Dichloroethane	20.0	21.0		ug/L		105	73 - 130
1,1-Dichloroethene	20.0	18.7		ug/L		93	68 - 133
1,2,3-Trichlorobenzene	20.0	18.7		ug/L		93	53 - 144
1,2,4-Trichlorobenzene	20.0	18.3		ug/L		92	64 - 132
1,2-Dibromo-3-Chloropropane	20.0	16.1		ug/L		81	41 - 143
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	79 - 122
1,2-Dichloroethane	20.0	21.1		ug/L		105	75 - 121
1,2-Dichloropropane	20.0	20.5		ug/L		103	76 - 126
1,3-Dichlorobenzene	20.0	19.7		ug/L		98	80 - 121
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	80 - 118
1,4-Dioxane	400	576	*	ug/L		144	70 - 142
2-Butanone (MEK)	100	103		ug/L		103	69 - 128
2-Hexanone	100	100		ug/L		100	74 - 127
4-Methyl-2-pentanone (MIBK)	100	105		ug/L		105	78 - 125
Acetone	100	101		ug/L		101	61 - 134
Benzene	20.0	20.4		ug/L		102	78 - 126
Bromoform	20.0	16.4		ug/L		82	38 - 144
Bromomethane	20.0	38.3	*	ug/L		192	10 - 150
Carbon disulfide	20.0	20.3		ug/L		101	64 - 138
Carbon tetrachloride	20.0	19.3		ug/L		96	56 - 131
Chlorobenzene	20.0	19.8		ug/L		99	80 - 119
Chlorobromomethane	20.0	20.7		ug/L		104	73 - 126
Chlorodibromomethane	20.0	18.1		ug/L		90	58 - 130
Chloroethane	20.0	32.7	*	ug/L		163	29 - 150

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: LCS 460-719790/4
Matrix: Water
Analysis Batch: 719790

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	21.0		ug/L		105	78 - 125
Chloromethane	20.0	31.3	*	ug/L		156	38 - 150
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	74 - 125
Cyclohexane	20.0	22.6		ug/L		113	67 - 133
Dichlorobromomethane	20.0	20.2		ug/L		101	72 - 121
Dichlorodifluoromethane	20.0	21.7		ug/L		109	31 - 150
Ethylbenzene	20.0	20.8		ug/L		104	78 - 120
Ethylene Dibromide	20.0	19.1		ug/L		95	69 - 126
Isopropylbenzene	20.0	20.8		ug/L		104	79 - 125
Methyl acetate	40.0	31.0		ug/L		78	70 - 127
Methyl tert-butyl ether	20.0	20.6		ug/L		103	65 - 131
Methylcyclohexane	20.0	21.8		ug/L		109	60 - 139
Methylene Chloride	20.0	19.1		ug/L		96	74 - 127
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	78 - 123
o-Xylene	20.0	20.0		ug/L		100	78 - 122
Styrene	20.0	20.2		ug/L		101	75 - 127
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127
Toluene	20.0	21.2		ug/L		106	78 - 119
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	74 - 126
trans-1,3-Dichloropropene	20.0	19.5		ug/L		97	66 - 127
Trichloroethene	20.0	19.3		ug/L		97	71 - 121
Trichlorofluoromethane	20.0	33.8	*	ug/L		169	61 - 140
Vinyl chloride	20.0	31.4	*	ug/L		157	61 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		75 - 123
4-Bromofluorobenzene	96		76 - 120
Dibromofluoromethane (Surr)	103		77 - 124
Toluene-d8 (Surr)	106		80 - 120

Lab Sample ID: LCSD 460-719790/5
Matrix: Water
Analysis Batch: 719790

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	20.1		ug/L		100	68 - 128	1	30
1,1,1,2-Tetrachloroethane	20.0	18.8		ug/L		94	63 - 139	2	30
1,1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.3		ug/L		106	59 - 142	4	30
1,1,2-Trichloroethane	20.0	20.3		ug/L		101	74 - 125	5	30
1,1-Dichloroethane	20.0	20.5		ug/L		102	73 - 130	2	30
1,1-Dichloroethene	20.0	19.6		ug/L		98	68 - 133	5	30
1,2,3-Trichlorobenzene	20.0	18.3		ug/L		92	53 - 144	2	30
1,2,4-Trichlorobenzene	20.0	18.6		ug/L		93	64 - 132	1	30
1,2-Dibromo-3-Chloropropane	20.0	15.2		ug/L		76	41 - 143	6	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	79 - 122	2	30
1,2-Dichloroethane	20.0	20.3		ug/L		102	75 - 121	4	30
1,2-Dichloropropane	20.0	21.1		ug/L		105	76 - 126	3	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

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

Lab Sample ID: LCSD 460-719790/5

Matrix: Water

Analysis Batch: 719790

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
1,3-Dichlorobenzene	20.0	18.7		ug/L		94	80 - 121	5	30
1,4-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 118	3	30
1,4-Dioxane	400	645	*	ug/L		161	70 - 142	11	30
2-Butanone (MEK)	100	104		ug/L		104	69 - 128	1	30
2-Hexanone	100	101		ug/L		101	74 - 127	1	30
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	78 - 125	3	30
Acetone	100	105		ug/L		105	61 - 134	4	30
Benzene	20.0	20.0		ug/L		100	78 - 126	2	30
Bromoform	20.0	15.4		ug/L		77	38 - 144	7	30
Bromomethane	20.0	40.0	*	ug/L		200	10 - 150	4	30
Carbon disulfide	20.0	20.0		ug/L		100	64 - 138	2	30
Carbon tetrachloride	20.0	18.8		ug/L		94	56 - 131	3	30
Chlorobenzene	20.0	20.2		ug/L		101	80 - 119	2	30
Chlorobromomethane	20.0	20.8		ug/L		104	73 - 126	0	30
Chlorodibromomethane	20.0	18.5		ug/L		93	58 - 130	2	30
Chloroethane	20.0	32.6	*	ug/L		163	29 - 150	0	30
Chloroform	20.0	19.9		ug/L		99	78 - 125	5	30
Chloromethane	20.0	34.2	*	ug/L		171	38 - 150	9	30
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	74 - 125	5	30
Cyclohexane	20.0	21.9		ug/L		109	67 - 133	3	30
Dichlorobromomethane	20.0	20.1		ug/L		101	72 - 121	0	30
Dichlorodifluoromethane	20.0	21.5		ug/L		108	31 - 150	1	30
Ethylbenzene	20.0	20.5		ug/L		102	78 - 120	1	30
Ethylene Dibromide	20.0	18.6		ug/L		93	69 - 126	2	30
Isopropylbenzene	20.0	20.8		ug/L		104	79 - 125	0	30
Methyl acetate	40.0	31.1		ug/L		78	70 - 127	0	30
Methyl tert-butyl ether	20.0	21.8		ug/L		109	65 - 131	5	30
Methylcyclohexane	20.0	21.2		ug/L		106	60 - 139	3	30
Methylene Chloride	20.0	18.5		ug/L		93	74 - 127	3	30
m-Xylene & p-Xylene	20.0	20.8		ug/L		104	78 - 123	4	30
o-Xylene	20.0	20.3		ug/L		101	78 - 122	1	30
Styrene	20.0	20.2		ug/L		101	75 - 127	0	30
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 127	6	30
Toluene	20.0	20.8		ug/L		104	78 - 119	2	30
trans-1,2-Dichloroethene	20.0	18.7		ug/L		93	74 - 126	8	30
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	66 - 127	2	30
Trichloroethene	20.0	18.4		ug/L		92	71 - 121	5	30
Trichlorofluoromethane	20.0	26.7		ug/L		133	61 - 140	24	30
Vinyl chloride	20.0	33.5	*	ug/L		168	61 - 144	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		75 - 123
4-Bromofluorobenzene	100		76 - 120
Dibromofluoromethane (Surr)	101		77 - 124
Toluene-d8 (Surr)	105		80 - 120

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Method: 8270D SIM - 1,4-Dioxane (GC/MS SIM)

Lab Sample ID: MB 460-718590/1-A
Matrix: Water
Analysis Batch: 718768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718590

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,4-Dioxane	0.17	U	0.40	0.17	ug/L		08/21/20 07:47	08/21/20 18:37	1
Surrogate	MB	MB	Limits			D	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier								
Nitrobenzene-d5	123		41 - 144				08/21/20 07:47	08/21/20 18:37	1

Lab Sample ID: LCS 460-718590/2-A
Matrix: Water
Analysis Batch: 718768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718590

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
1,4-Dioxane	0.800	0.300	J	ug/L		37		10 - 150
Surrogate	LCS	LCS	Limits					
%Recovery	Qualifier							
Nitrobenzene-d5	119		41 - 144					

Lab Sample ID: LCSD 460-718590/3-A
Matrix: Water
Analysis Batch: 718768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 718590

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
		Result	Qualifier						Limit	
1,4-Dioxane	0.800	0.372	J	ug/L		47		10 - 150	22	30
Surrogate	LCSD	LCSD	Limits							
%Recovery	Qualifier									
Nitrobenzene-d5	130		41 - 144							

Definitions/Glossary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
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
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.

Glossary

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

QC Association Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

GC/MS VOA

Analysis Batch: 719629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216353-1	DEC7D1_20200817	Total/NA	Water	8260C	
460-216353-2	DEC6D1_20200817	Total/NA	Water	8260C	
460-216353-3	DEC4D1_20200818	Total/NA	Water	8260C	
460-216353-4	TB_20200818	Total/NA	Water	8260C	
MB 460-719629/10	Method Blank	Total/NA	Water	8260C	
LCS 460-719629/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-719629/6	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 719790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216353-3 - DL	DEC4D1_20200818	Total/NA	Water	8260C	
MB 460-719790/10	Method Blank	Total/NA	Water	8260C	
LCS 460-719790/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-719790/5	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 718590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216353-1	DEC7D1_20200817	Total/NA	Water	3510C	
460-216353-2	DEC6D1_20200817	Total/NA	Water	3510C	
460-216353-3	DEC4D1_20200818	Total/NA	Water	3510C	
MB 460-718590/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-718590/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-718590/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 718768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216353-1	DEC7D1_20200817	Total/NA	Water	8270D SIM	718590
460-216353-2	DEC6D1_20200817	Total/NA	Water	8270D SIM	718590
460-216353-3	DEC4D1_20200818	Total/NA	Water	8270D SIM	718590
MB 460-718590/1-A	Method Blank	Total/NA	Water	8270D SIM	718590
LCS 460-718590/2-A	Lab Control Sample	Total/NA	Water	8270D SIM	718590
LCSD 460-718590/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM	718590

Lab Chronicle

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Client Sample ID: DEC7D1_20200817

Lab Sample ID: 460-216353-1

Date Collected: 08/17/20 12:50

Matrix: Water

Date Received: 08/18/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	719629	08/26/20 17:04	CJM	TAL EDI
Total/NA	Prep	3510C			718590	08/21/20 07:47	DXD	TAL EDI
Total/NA	Analysis	8270D SIM		1	718768	08/22/20 00:10	YAH	TAL EDI

Client Sample ID: DEC6D1_20200817

Lab Sample ID: 460-216353-2

Date Collected: 08/17/20 16:25

Matrix: Water

Date Received: 08/18/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	719629	08/26/20 17:29	CJM	TAL EDI
Total/NA	Prep	3510C			718590	08/21/20 07:47	DXD	TAL EDI
Total/NA	Analysis	8270D SIM		1	718768	08/22/20 00:31	YAH	TAL EDI

Client Sample ID: DEC4D1_20200818

Lab Sample ID: 460-216353-3

Date Collected: 08/18/20 11:35

Matrix: Water

Date Received: 08/18/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	719629	08/26/20 17:54	CJM	TAL EDI
Total/NA	Analysis	8260C	DL	5	719790	08/27/20 02:28	GXY	TAL EDI
Total/NA	Prep	3510C			718590	08/21/20 07:47	DXD	TAL EDI
Total/NA	Analysis	8270D SIM		1	718768	08/22/20 00:52	YAH	TAL EDI

Client Sample ID: TB_20200818

Lab Sample ID: 460-216353-4

Date Collected: 08/18/20 00:00

Matrix: Water

Date Received: 08/18/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	719629	08/26/20 16:15	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: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216353-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

<u>Authority</u>	<u>Program</u>	<u>Identification Number</u>	<u>Expiration Date</u>
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert No.>	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-18-00135	05-03-21

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

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 #
DEC7D1_20200817	460-216353-1	97	98	107	99
DEC6D1_20200817	460-216353-2	102	101	107	100
DEC4D1_20200818	460-216353-3	96	96	106	97
DEC4D1_20200818 DL	460-216353-3 DL	100 D	96 D	109 D	100 D
TB_20200818	460-216353-4	97	98	106	97
	MB 460-719629/10	100	99	107	99
	MB 460-719790/10	104	99	106	101
	LCS 460-719629/5	104	100	108	101
	LCS 460-719790/4	103	98	106	96
	LCSD 460-719629/6	100	101	109	100
	LCSD 460-719790/5	101	99	105	100

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

QC LIMITS
77-124
75-123
80-120
76-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: F003745.D

Lab ID: LCS 460-719629/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.3	112	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.2	91	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9	99	59-142	
1,1,2-Trichloroethane	20.0	20.4	102	74-125	
1,1-Dichloroethane	20.0	21.5	108	73-130	
1,1-Dichloroethene	20.0	18.0	90	68-133	
1,2,3-Trichlorobenzene	20.0	19.6	98	53-144	
1,2,4-Trichlorobenzene	20.0	19.4	97	64-132	
1,2-Dibromo-3-Chloropropane	20.0	17.4	87	41-143	
1,2-Dichlorobenzene	20.0	21.5	107	79-122	
1,2-Dichloroethane	20.0	21.3	107	75-121	
1,2-Dichloropropane	20.0	22.5	112	76-126	
1,3-Dichlorobenzene	20.0	20.1	101	80-121	
1,4-Dichlorobenzene	20.0	20.9	104	80-118	
1,4-Dioxane	400	578	145	70-142	*
2-Butanone (MEK)	100	91.5	92	69-128	
2-Hexanone	100	106	106	74-127	
4-Methyl-2-pentanone (MIBK)	100	112	112	78-125	
Acetone	100	88.5	88	61-134	
Benzene	20.0	20.1	100	78-126	
Bromoform	20.0	18.8	94	38-144	
Bromomethane	20.0	29.8	149	10-150	
Carbon disulfide	20.0	19.5	98	64-138	
Carbon tetrachloride	20.0	20.8	104	56-131	
Chlorobenzene	20.0	20.7	103	80-119	
Chlorobromomethane	20.0	21.2	106	73-126	
Chlorodibromomethane	20.0	19.6	98	58-130	
Chloroethane	20.0	25.2	126	29-150	
Chloroform	20.0	22.2	111	78-125	
Chloromethane	20.0	22.8	114	38-150	
cis-1,2-Dichloroethene	20.0	20.5	103	78-121	
cis-1,3-Dichloropropene	20.0	20.2	101	74-125	
Cyclohexane	20.0	24.5	123	67-133	
Dichlorobromomethane	20.0	22.0	110	72-121	
Dichlorodifluoromethane	20.0	19.6	98	31-150	
Ethylbenzene	20.0	21.2	106	78-120	
Ethylene Dibromide	20.0	18.3	92	69-126	
Isopropylbenzene	20.0	22.1	111	79-125	
Methyl acetate	40.0	30.5	76	70-127	
Methyl tert-butyl ether	20.0	21.4	107	65-131	
Methylcyclohexane	20.0	22.9	114	60-139	

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.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: F003745.D

Lab ID: LCS 460-719629/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	18.6	93	74-127	
m-Xylene & p-Xylene	20.0	21.0	105	78-123	
o-Xylene	20.0	20.8	104	78-122	
Styrene	20.0	21.4	107	75-127	
Tetrachloroethene	20.0	21.3	107	70-127	
Toluene	20.0	22.1	111	78-119	
trans-1,2-Dichloroethene	20.0	19.8	99	74-126	
trans-1,3-Dichloropropene	20.0	21.1	105	66-127	
Trichloroethene	20.0	19.1	96	71-121	
Trichlorofluoromethane	20.0	27.9	139	61-140	
Vinyl chloride	20.0	24.4	122	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.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: F003774.D

Lab ID: LCS 460-719790/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.3	101	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.1	96	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.5	102	59-142	
1,1,2-Trichloroethane	20.0	21.4	107	74-125	
1,1-Dichloroethane	20.0	21.0	105	73-130	
1,1-Dichloroethene	20.0	18.7	93	68-133	
1,2,3-Trichlorobenzene	20.0	18.7	93	53-144	
1,2,4-Trichlorobenzene	20.0	18.3	92	64-132	
1,2-Dibromo-3-Chloropropane	20.0	16.1	81	41-143	
1,2-Dichlorobenzene	20.0	20.2	101	79-122	
1,2-Dichloroethane	20.0	21.1	105	75-121	
1,2-Dichloropropane	20.0	20.5	103	76-126	
1,3-Dichlorobenzene	20.0	19.7	98	80-121	
1,4-Dichlorobenzene	20.0	20.4	102	80-118	
1,4-Dioxane	400	576	144	70-142	*
2-Butanone (MEK)	100	103	103	69-128	
2-Hexanone	100	100	100	74-127	
4-Methyl-2-pentanone (MIBK)	100	105	105	78-125	
Acetone	100	101	101	61-134	
Benzene	20.0	20.4	102	78-126	
Bromoform	20.0	16.4	82	38-144	
Bromomethane	20.0	38.3	192	10-150	*
Carbon disulfide	20.0	20.3	101	64-138	
Carbon tetrachloride	20.0	19.3	96	56-131	
Chlorobenzene	20.0	19.8	99	80-119	
Chlorobromomethane	20.0	20.7	104	73-126	
Chlorodibromomethane	20.0	18.1	90	58-130	
Chloroethane	20.0	32.7	163	29-150	*
Chloroform	20.0	21.0	105	78-125	
Chloromethane	20.0	31.3	156	38-150	*
cis-1,2-Dichloroethene	20.0	19.4	97	78-121	
cis-1,3-Dichloropropene	20.0	20.2	101	74-125	
Cyclohexane	20.0	22.6	113	67-133	
Dichlorobromomethane	20.0	20.2	101	72-121	
Dichlorodifluoromethane	20.0	21.7	109	31-150	
Ethylbenzene	20.0	20.8	104	78-120	
Ethylene Dibromide	20.0	19.1	95	69-126	
Isopropylbenzene	20.0	20.8	104	79-125	
Methyl acetate	40.0	31.0	78	70-127	
Methyl tert-butyl ether	20.0	20.6	103	65-131	
Methylcyclohexane	20.0	21.8	109	60-139	

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.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: F003774.D

Lab ID: LCS 460-719790/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methylene Chloride	20.0	19.1	96	74-127	
m-Xylene & p-Xylene	20.0	20.0	100	78-123	
o-Xylene	20.0	20.0	100	78-122	
Styrene	20.0	20.2	101	75-127	
Tetrachloroethene	20.0	21.0	105	70-127	
Toluene	20.0	21.2	106	78-119	
trans-1,2-Dichloroethene	20.0	20.3	102	74-126	
trans-1,3-Dichloropropene	20.0	19.5	97	66-127	
Trichloroethene	20.0	19.3	97	71-121	
Trichlorofluoromethane	20.0	33.8	169	61-140	*
Vinyl chloride	20.0	31.4	157	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.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F003746.D

Lab ID: LCSD 460-719629/6

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	18.9	95	16	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	16.1	81	12	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3	92	8	30	59-142	
1,1,2-Trichloroethane	20.0	19.9	100	2	30	74-125	
1,1-Dichloroethane	20.0	19.1	96	12	30	73-130	
1,1-Dichloroethene	20.0	17.2	86	4	30	68-133	
1,2,3-Trichlorobenzene	20.0	16.2	81	19	30	53-144	
1,2,4-Trichlorobenzene	20.0	16.5	83	16	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	15.6	78	11	30	41-143	
1,2-Dichlorobenzene	20.0	19.2	96	11	30	79-122	
1,2-Dichloroethane	20.0	18.6	93	14	30	75-121	
1,2-Dichloropropane	20.0	19.2	96	16	30	76-126	
1,3-Dichlorobenzene	20.0	17.9	90	12	30	80-121	
1,4-Dichlorobenzene	20.0	18.6	93	11	30	80-118	
1,4-Dioxane	400	549	137	5	30	70-142	
2-Butanone (MEK)	100	90.7	91	1	30	69-128	
2-Hexanone	100	111	111	5	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	118	118	5	30	78-125	
Acetone	100	83.1	83	6	30	61-134	
Benzene	20.0	17.4	87	15	30	78-126	
Bromoform	20.0	15.8	79	17	30	38-144	
Bromomethane	20.0	28.7	143	4	30	10-150	
Carbon disulfide	20.0	18.1	91	7	30	64-138	
Carbon tetrachloride	20.0	18.0	90	14	30	56-131	
Chlorobenzene	20.0	19.0	95	9	30	80-119	
Chlorobromomethane	20.0	18.1	90	16	30	73-126	
Chlorodibromomethane	20.0	17.6	88	11	30	58-130	
Chloroethane	20.0	24.3	121	4	30	29-150	
Chloroform	20.0	19.9	99	11	30	78-125	
Chloromethane	20.0	22.4	112	2	30	38-150	
cis-1,2-Dichloroethene	20.0	17.5	88	16	30	78-121	
cis-1,3-Dichloropropene	20.0	18.0	90	11	30	74-125	
Cyclohexane	20.0	21.8	109	12	30	67-133	
Dichlorobromomethane	20.0	19.2	96	14	30	72-121	
Dichlorodifluoromethane	20.0	17.8	89	10	30	31-150	
Ethylbenzene	20.0	19.1	95	11	30	78-120	
Ethylene Dibromide	20.0	16.8	84	9	30	69-126	
Isopropylbenzene	20.0	19.6	98	12	30	79-125	
Methyl acetate	40.0	29.0	72	5	30	70-127	
Methyl tert-butyl ether	20.0	18.2	91	16	30	65-131	
Methylcyclohexane	20.0	21.0	105	9	30	60-139	

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.: 460-216353-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F003746.D
 Lab ID: LCS D 460-719629/6 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS D CONCENTRATION (ug/L)	LCS D % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	17.3	87	7	30	74-127	
m-Xylene & p-Xylene	20.0	19.4	97	8	30	78-123	
o-Xylene	20.0	18.5	93	12	30	78-122	
Styrene	20.0	19.2	96	11	30	75-127	
Tetrachloroethene	20.0	18.9	94	12	30	70-127	
Toluene	20.0	19.9	100	10	30	78-119	
trans-1,2-Dichloroethene	20.0	17.8	89	10	30	74-126	
trans-1,3-Dichloropropene	20.0	18.7	94	12	30	66-127	
Trichloroethene	20.0	18.2	91	5	30	71-121	
Trichlorofluoromethane	20.0	27.0	135	3	30	61-140	
Vinyl chloride	20.0	23.6	118	3	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.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: F003775.D

Lab ID: LCSD 460-719790/5

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.1	100	1	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.8	94	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.3	106	4	30	59-142	
1,1,2-Trichloroethane	20.0	20.3	101	5	30	74-125	
1,1-Dichloroethane	20.0	20.5	102	2	30	73-130	
1,1-Dichloroethene	20.0	19.6	98	5	30	68-133	
1,2,3-Trichlorobenzene	20.0	18.3	92	2	30	53-144	
1,2,4-Trichlorobenzene	20.0	18.6	93	1	30	64-132	
1,2-Dibromo-3-Chloropropane	20.0	15.2	76	6	30	41-143	
1,2-Dichlorobenzene	20.0	20.6	103	2	30	79-122	
1,2-Dichloroethane	20.0	20.3	102	4	30	75-121	
1,2-Dichloropropane	20.0	21.1	105	3	30	76-126	
1,3-Dichlorobenzene	20.0	18.7	94	5	30	80-121	
1,4-Dichlorobenzene	20.0	19.8	99	3	30	80-118	
1,4-Dioxane	400	645	161	11	30	70-142	*
2-Butanone (MEK)	100	104	104	1	30	69-128	
2-Hexanone	100	101	101	1	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	109	109	3	30	78-125	
Acetone	100	105	105	4	30	61-134	
Benzene	20.0	20.0	100	2	30	78-126	
Bromoform	20.0	15.4	77	7	30	38-144	
Bromomethane	20.0	40.0	200	4	30	10-150	*
Carbon disulfide	20.0	20.0	100	2	30	64-138	
Carbon tetrachloride	20.0	18.8	94	3	30	56-131	
Chlorobenzene	20.0	20.2	101	2	30	80-119	
Chlorobromomethane	20.0	20.8	104	0	30	73-126	
Chlorodibromomethane	20.0	18.5	93	2	30	58-130	
Chloroethane	20.0	32.6	163	0	30	29-150	*
Chloroform	20.0	19.9	99	5	30	78-125	
Chloromethane	20.0	34.2	171	9	30	38-150	*
cis-1,2-Dichloroethene	20.0	19.6	98	1	30	78-121	
cis-1,3-Dichloropropene	20.0	19.2	96	5	30	74-125	
Cyclohexane	20.0	21.9	109	3	30	67-133	
Dichlorobromomethane	20.0	20.1	101	0	30	72-121	
Dichlorodifluoromethane	20.0	21.5	108	1	30	31-150	
Ethylbenzene	20.0	20.5	102	1	30	78-120	
Ethylene Dibromide	20.0	18.6	93	2	30	69-126	
Isopropylbenzene	20.0	20.8	104	0	30	79-125	
Methyl acetate	40.0	31.1	78	0	30	70-127	
Methyl tert-butyl ether	20.0	21.8	109	5	30	65-131	
Methylcyclohexane	20.0	21.2	106	3	30	60-139	

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.: 460-216353-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: F003775.D
 Lab ID: LCSD 460-719790/5 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Methylene Chloride	20.0	18.5	93	3	30	74-127	
m-Xylene & p-Xylene	20.0	20.8	104	4	30	78-123	
o-Xylene	20.0	20.3	101	1	30	78-122	
Styrene	20.0	20.2	101	0	30	75-127	
Tetrachloroethene	20.0	19.8	99	6	30	70-127	
Toluene	20.0	20.8	104	2	30	78-119	
trans-1,2-Dichloroethene	20.0	18.7	93	8	30	74-126	
trans-1,3-Dichloropropene	20.0	19.1	96	2	30	66-127	
Trichloroethene	20.0	18.4	92	5	30	71-121	
Trichlorofluoromethane	20.0	26.7	133	24	30	61-140	
Vinyl chloride	20.0	33.5	168	6	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.: 460-216353-1
 SDG No.: _____
 Lab File ID: F003750.D Lab Sample ID: MB 460-719629/10
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS6 Date Analyzed: 08/26/2020 09:42
 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 460-719629/5	F003745.D	08/26/2020 07:38
	LCSD 460-719629/6	F003746.D	08/26/2020 08:03
TB_20200818	460-216353-4	F003766.D	08/26/2020 16:15
DEC7D1_20200817	460-216353-1	F003768.D	08/26/2020 17:04
DEC6D1_20200817	460-216353-2	F003769.D	08/26/2020 17:29
DEC4D1_20200818	460-216353-3	F003770.D	08/26/2020 17:54

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: F003780.D Lab Sample ID: MB 460-719790/10
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS6 Date Analyzed: 08/26/2020 21:59
 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 460-719790/4	F003774.D	08/26/2020 19:31
	LCSD 460-719790/5	F003775.D	08/26/2020 19:56
DEC4D1_20200818 DL	460-216353-3 DL	F003790.D	08/27/2020 02:28

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: F99061.D BFB Injection Date: 07/25/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 16:22
 Analysis Batch No.: 711441

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	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	73.9	
175	5.0 - 9.0 % of mass 174	6.4	(8.7) 1
176	95.0 - 101.0 % of mass 174	70.5	(95.4) 1
177	5.0 - 9.0 % of mass 176	4.3	(6.1) 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
	STD7 460-711441/3	F99063.D	07/25/2020	17:08
	STD1 460-711441/4	F99064.D	07/25/2020	17:32
	STD5 460-711441/5	F99065.D	07/25/2020	23:40
	STD20 460-711441/6	F99066.D	07/26/2020	0:05
	STD50 460-711441/7	F99067.D	07/26/2020	0:30
	STD200 460-711441/8	F99068.D	07/26/2020	0:54
	STD500 460-711441/9	F99069.D	07/26/2020	1:19
	ICV 460-711441/16	F99076.D	07/26/2020	4:13

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: F003698.D BFB Injection Date: 08/24/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 20:39
 Analysis Batch No.: 719259

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.9	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	76.7	
175	5.0 - 9.0 % of mass 174	6.3	(8.2) 1
176	95.0 - 101.0 % of mass 174	75.5	(98.3) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-719259/2	F003699.D	08/24/2020	21:03
	STD1 460-719259/4	F003701.D	08/24/2020	21:53
	STD5 460-719259/5	F003702.D	08/24/2020	22:17
	STD20 460-719259/6	F003703.D	08/24/2020	22:42
	STD50 460-719259/7	F003704.D	08/24/2020	23:07
	STD200 460-719259/8	F003705.D	08/24/2020	23:32
	STD500 460-719259/9	F003706.D	08/24/2020	23:56
	ICV 460-719259/15	F003712.D	08/25/2020	2:22

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: F003741.D BFB Injection Date: 08/26/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 06:00
 Analysis Batch No.: 719629

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.9	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	76.3	
175	5.0 - 9.0 % of mass 174	6.6	(8.6) 1
176	95.0 - 101.0 % of mass 174	72.8	(95.5) 1
177	5.0 - 9.0 % of mass 176	5.3	(7.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-719629/4	F003744.D	08/26/2020	7:14
	LCS 460-719629/5	F003745.D	08/26/2020	7:38
	LCSD 460-719629/6	F003746.D	08/26/2020	8:03
	MB 460-719629/10	F003750.D	08/26/2020	9:42
TB_20200818	460-216353-4	F003766.D	08/26/2020	16:15
DEC7D1_20200817	460-216353-1	F003768.D	08/26/2020	17:04
DEC6D1_20200817	460-216353-2	F003769.D	08/26/2020	17:29
DEC4D1_20200818	460-216353-3	F003770.D	08/26/2020	17:54

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: F003771.D BFB Injection Date: 08/26/2020
 Instrument ID: CVOAMS6 BFB Injection Time: 18:15
 Analysis Batch No.: 719790

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.1	
75	30.0 - 60.0 % of mass 95	56.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	78.5	
175	5.0 - 9.0 % of mass 174	6.6	(8.4) 1
176	95.0 - 101.0 % of mass 174	75.1	(95.6) 1
177	5.0 - 9.0 % of mass 176	4.8	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-719790/3	F003773.D	08/26/2020	19:06
	LCS 460-719790/4	F003774.D	08/26/2020	19:31
	LCSD 460-719790/5	F003775.D	08/26/2020	19:56
	MB 460-719790/10	F003780.D	08/26/2020	21:59
DEC4D1_20200818 DL	460-216353-3 DL	F003790.D	08/27/2020	2:28

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Sample No.: STD20 460-711441/6 Date Analyzed: 07/26/2020 00:05
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F99066.D Heated Purge: (Y/N) N
 Calibration ID: 81147

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	212573	3.17	282505	4.21	534190	5.29
UPPER LIMIT	425146	3.67	565010	4.71	1068380	5.79
LOWER LIMIT	106287	2.67	141253	3.71	267095	4.79
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-711441/16	257889	3.19	307034	4.22	595173	5.30

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.: 460-216353-1
 SDG No.: _____
 Sample No.: STD20 460-711441/6 Date Analyzed: 07/26/2020 00:05
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F99066.D Heated Purge: (Y/N) N
 Calibration ID: 81147

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	21839	5.97	425933	8.71	226494	10.90
UPPER LIMIT	43678	6.47	851866	9.21	452988	11.40
LOWER LIMIT	10920	5.47	212967	8.21	113247	10.40
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-711441/16	25333	5.98	409114	8.72	265940	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 = ± 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.: 460-216353-1
 SDG No.: _____
 Sample No.: STD20 460-719259/6 Date Analyzed: 08/24/2020 22:42
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003703.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	240333	3.14	250934	4.15	369469	5.22
UPPER LIMIT	480666	3.64	501868	4.65	738938	5.72
LOWER LIMIT	120167	2.64	125467	3.65	184735	4.72
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-719259/15	180480	3.14	218787	4.15	318916	5.22

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.: 460-216353-1
 SDG No.: _____
 Sample No.: STD20 460-719259/6 Date Analyzed: 08/24/2020 22:42
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003703.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	21263	5.91	258755	8.64	146133	10.86
UPPER LIMIT	42526	6.41	517510	9.14	292266	11.36
LOWER LIMIT	10632	5.41	129378	8.14	73067	10.36
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-719259/15	16374	5.91	233068	8.64	134354	10.85

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Sample No.: CCVIS 460-719629/4 Date Analyzed: 08/26/2020 07:14
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003744.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	200260	3.12	263762	4.15	399878	5.22	
UPPER LIMIT	400520	3.62	527524	4.65	799756	5.72	
LOWER LIMIT	100130	2.62	131881	3.65	199939	4.72	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-719629/5		202652	3.11	250669	4.15	378344	5.22
LCSD 460-719629/6		197421	3.13	220766	4.15	390129	5.22
MB 460-719629/10		172156	3.12	195237	4.15	313465	5.22
460-216353-4	TB_20200818	183973	3.14	200737	4.15	291552	5.22
460-216353-1	DEC7D1_20200817	166298	3.13	198443	4.15	294271	5.22
460-216353-2	DEC6D1_20200817	164535	3.12	204181	4.15	289888	5.22
460-216353-3	DEC4D1_20200818	149855	3.12	194146	4.15	285150	5.22

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.: 460-216353-1
 SDG No.: _____
 Sample No.: CCVIS 460-719629/4 Date Analyzed: 08/26/2020 07:14
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003744.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	17465	5.90	306260	8.63	182582	10.85	
UPPER LIMIT	34930	6.40	612520	9.13	365164	11.35	
LOWER LIMIT	8733	5.40	153130	8.13	91291	10.35	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-719629/5		20899	5.91	292989	8.63	178109	10.85
LCSD 460-719629/6		20413	5.90	306776	8.63	192789	10.85
MB 460-719629/10		17004	5.90	215680	8.63	121795	10.85
460-216353-4	TB_20200818	15236	5.91	209458	8.64	114193	10.85
460-216353-1	DEC7D1_20200817	14042	5.91	206277	8.64	112817	10.85
460-216353-2	DEC6D1_20200817	13177	5.91	211004	8.63	113709	10.85
460-216353-3	DEC4D1_20200818	13014	5.90	202879	8.63	108847	10.85

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Sample No.: CCVIS 460-719790/3 Date Analyzed: 08/26/2020 19:06
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003773.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	TBA _d 9		BUT		FB			
	AREA #	RT #	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	134091	3.11	175424	4.15	289309	5.22		
UPPER LIMIT	268182	3.61	350848	4.65	578618	5.72		
LOWER LIMIT	67046	2.61	87712	3.65	144655	4.72		
LAB SAMPLE ID	CLIENT SAMPLE ID							
LCS 460-719790/4			161687	3.13	196707	4.15	309564	5.22
LCSD 460-719790/5			148605	3.13	179677	4.15	285825	5.21
MB 460-719790/10			158215	3.11	162659	4.15	258372	5.21
460-216353-3 DL	DEC4D1_20200818 DL		147502	3.14	168614	4.15	265571	5.22

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.: 460-216353-1
 SDG No.: _____
 Sample No.: CCVIS 460-719790/3 Date Analyzed: 08/26/2020 19:06
 Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): F003773.D Heated Purge: (Y/N) N
 Calibration ID: 81686

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	11567	5.90	211355	8.63	124996	10.85	
UPPER LIMIT	23134	6.40	422710	9.13	249992	11.35	
LOWER LIMIT	5784	5.40	105678	8.13	62498	10.35	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-719790/4	14368	5.91	229677	8.63	132623	10.85	
LCSD 460-719790/5	13345	5.90	214193	8.63	126948	10.85	
MB 460-719790/10	15756	5.90	181442	8.63	102852	10.85	
460-216353-3 DL	DEC4D1_20200818 DL	13399	5.90	183555	8.64	102903	10.85

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC7D1_20200817 Lab Sample ID: 460-216353-1
 Matrix: Water Lab File ID: F003768.D
 Analysis Method: 8260C Date Collected: 08/17/2020 12:50
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:04
 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.: 719629 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.3		1.0	0.26
75-35-4	1,1-Dichloroethene	0.81	J	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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	3.9		1.0	0.33
74-87-3	Chloromethane	0.79	J	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.5		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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC7D1_20200817 Lab Sample ID: 460-216353-1
 Matrix: Water Lab File ID: F003768.D
 Analysis Method: 8260C Date Collected: 08/17/2020 12:50
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:04
 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.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	5.4		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	90		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)	98		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	107		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC7D1_20200817 Lab Sample ID: 460-216353-1
 Matrix: Water Lab File ID: F003768.D
 Analysis Method: 8260C Date Collected: 08/17/2020 12:50
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:04
 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.: 719629 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\20200826-115773.b\F003768.D
 Lims ID: 460-216353-B-1
 Client ID: DEC7D1_20200817
 Sample Type: Client
 Inject. Date: 26-Aug-2020 17:04:30 ALS Bottle#: 27 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216353-B-1
 Misc. Info.: 460-0115773-028
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:45:40 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: yallabg Date: 26-Aug-2020 17:40:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50	1.738	1.738	0.000	94	2389	0.7939	M
16 112TCTFE	101	2.700	2.683	0.017	28	2296	1.57	M
17 1,1-Dichloroethene	96	2.733	2.716	0.017	91	1184	0.8105	M
* 27 TBA-d9 (IS)	65	3.127	3.119	0.008	0	166298	1000.0	
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	39	1620	0.3868	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	96	3416	1.26	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	198443	250.0	
40 cis-1,2-Dichloroethene	96	4.195	4.187	0.008	97	4456	2.54	
48 Chloroform	83	4.458	4.458	0.000	96	10360	3.91	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.606	0.008	94	72121	48.4	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.951	0.008	0	96205	49.2	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	294271	50.0	
63 Trichloroethene	95	5.567	5.567	0.000	96	141311	90.3	
* 67 1,4-Dioxane-d8	96	5.913	5.904	0.008	0	14042	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	315160	53.4	
79 Toluene	91	6.940	6.940	0.000	45	2305	0.3629	
83 Tetrachloroethene	166	7.548	7.540	0.008	86	7111	5.38	
* 89 Chlorobenzene-d5	117	8.641	8.632	0.009	89	206277	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	85969	49.7	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	112817	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00039

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Worklist Smp#: 28

Client ID: DEC7D1_20200817

Purge Vol: 5.000 mL

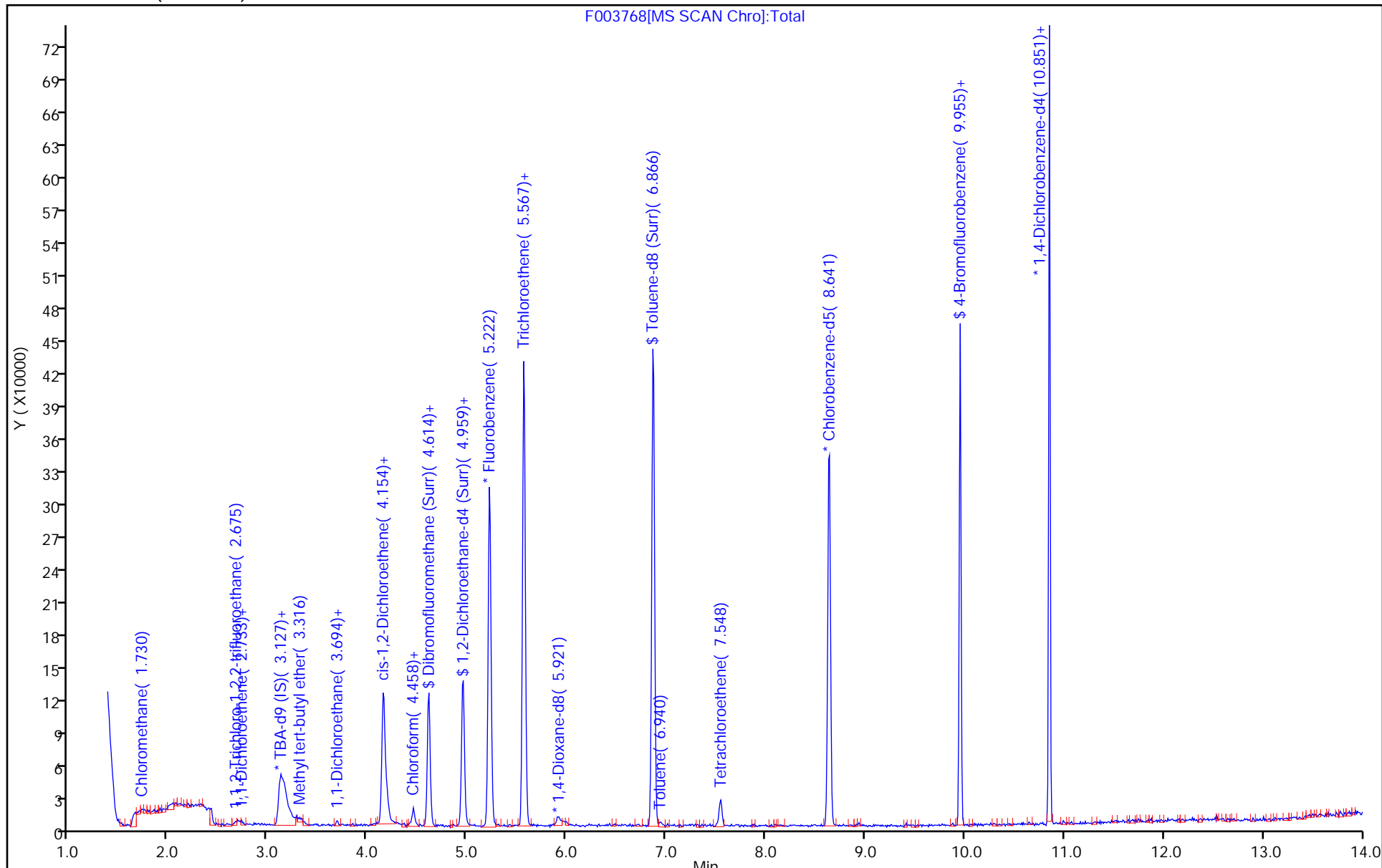
Dil. Factor: 1.0000

ALS Bottle#: 27

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

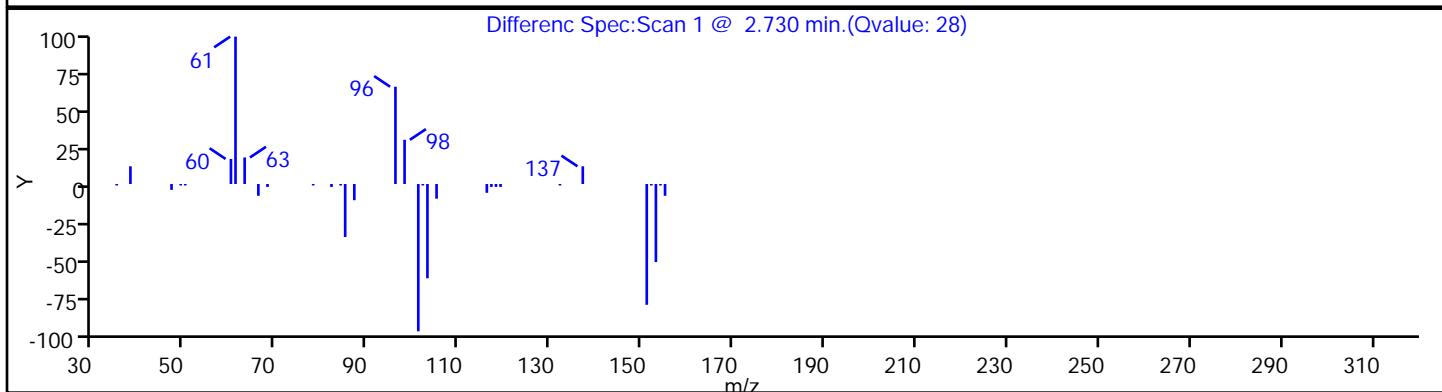
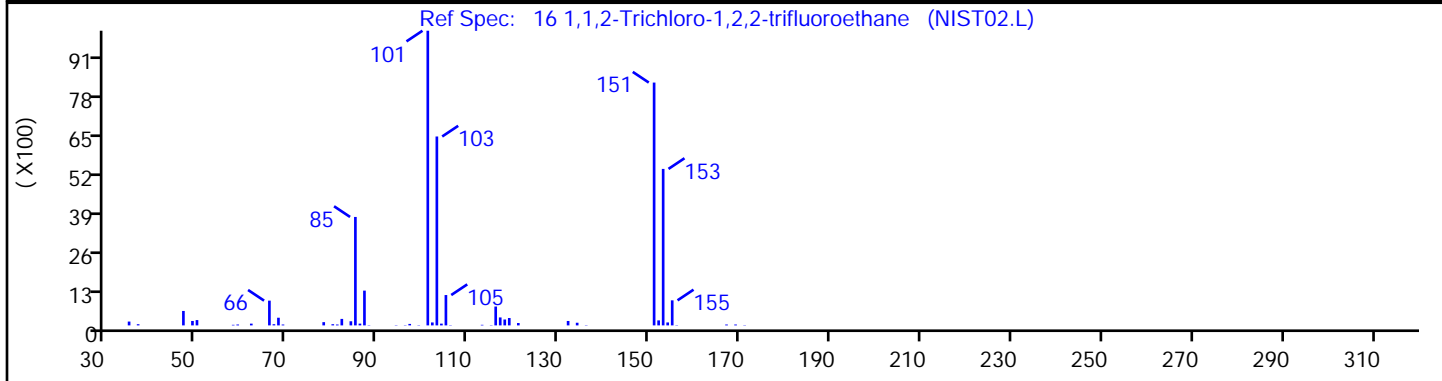
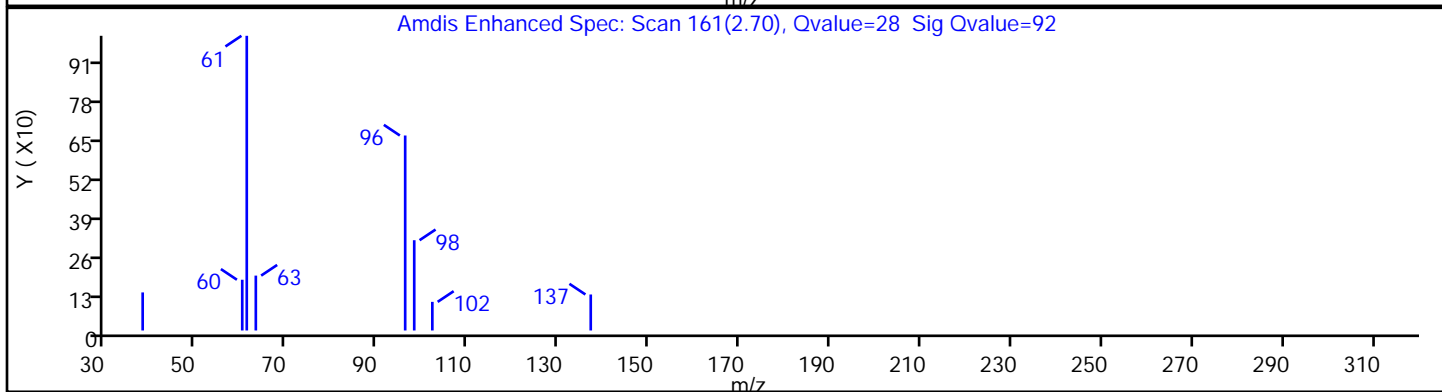
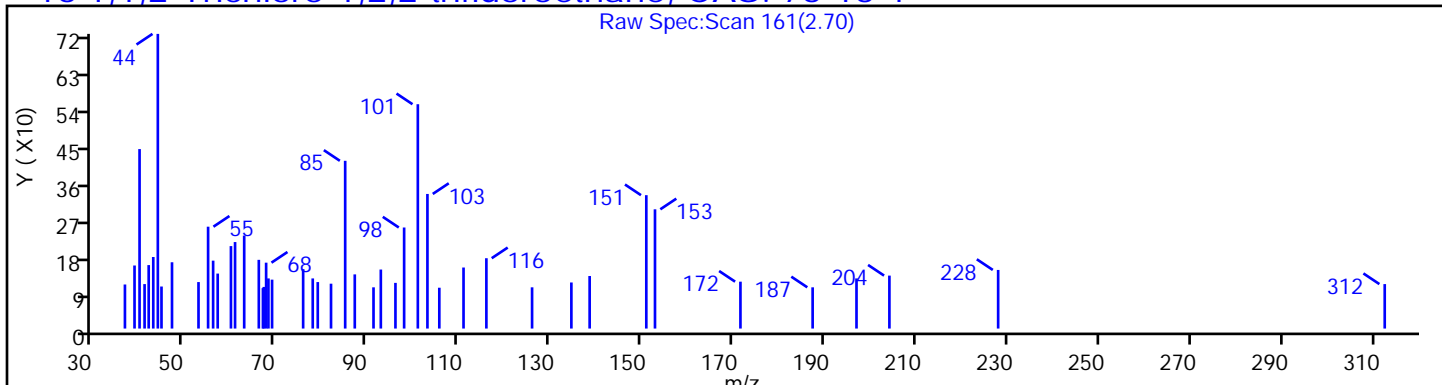
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

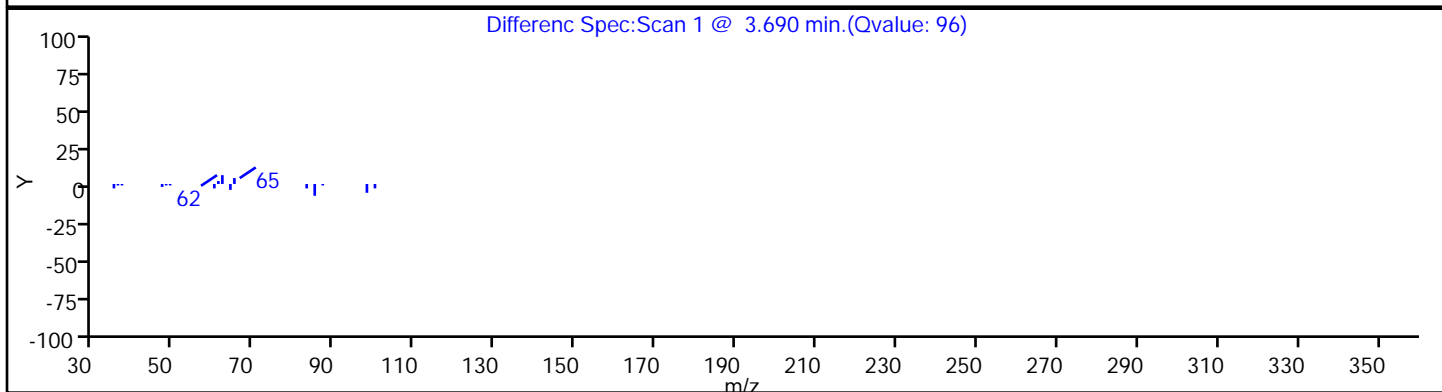
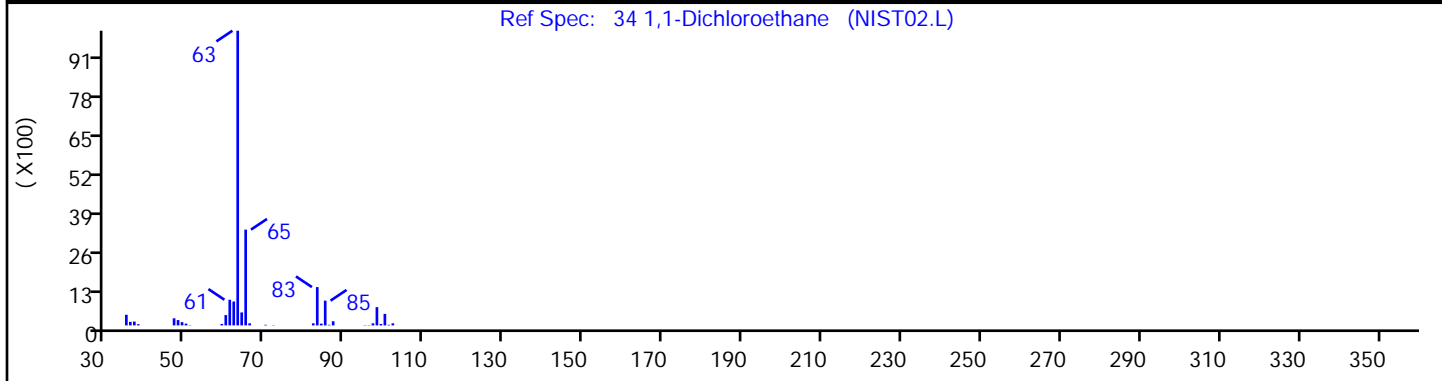
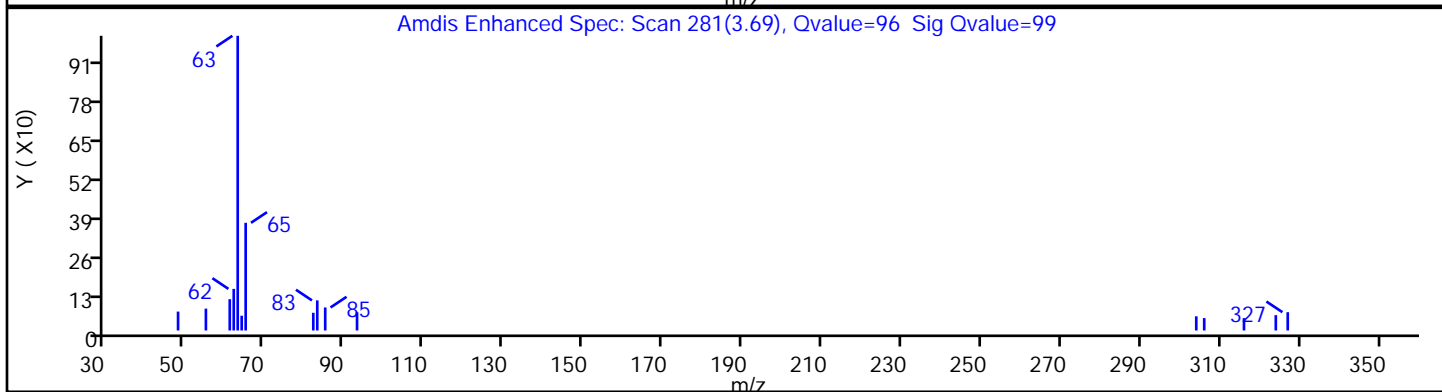
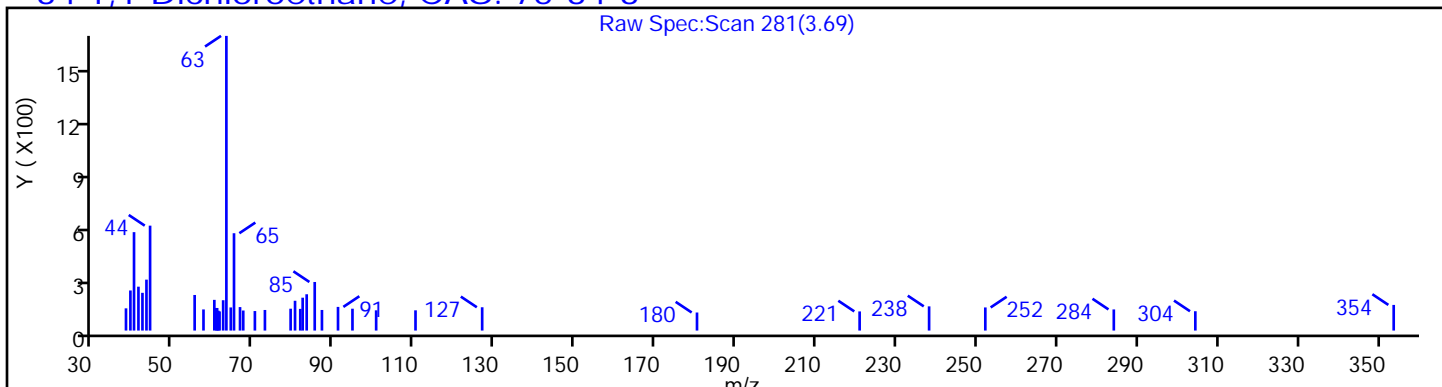
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

34 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

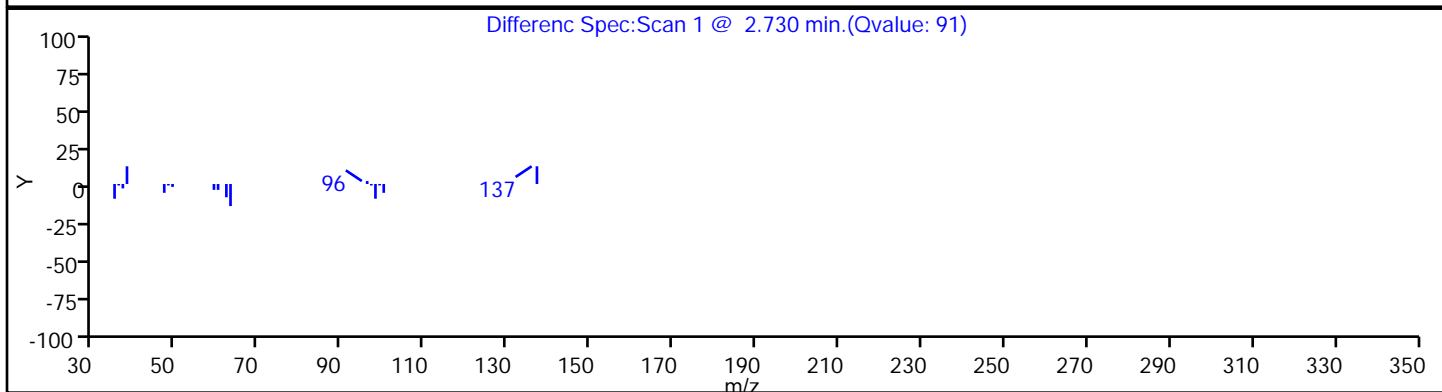
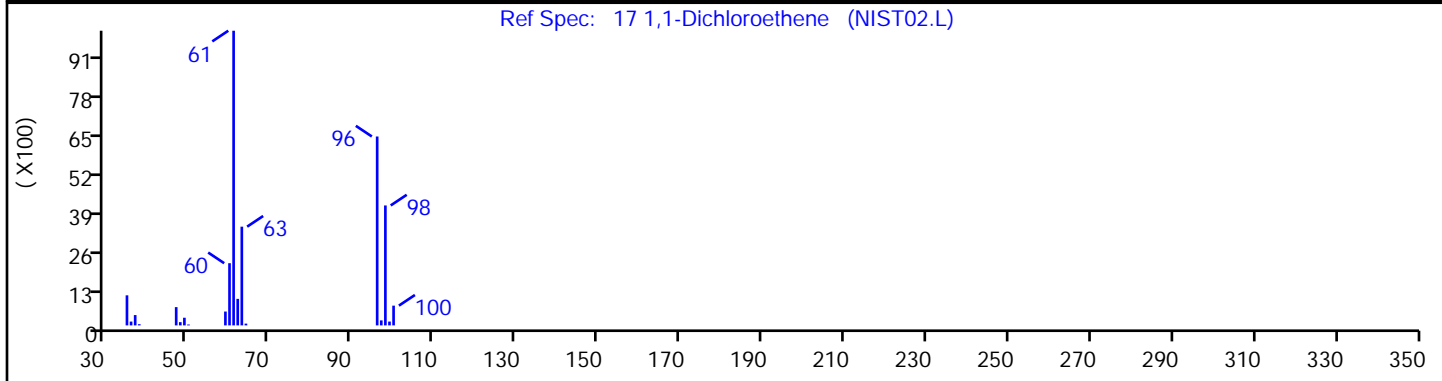
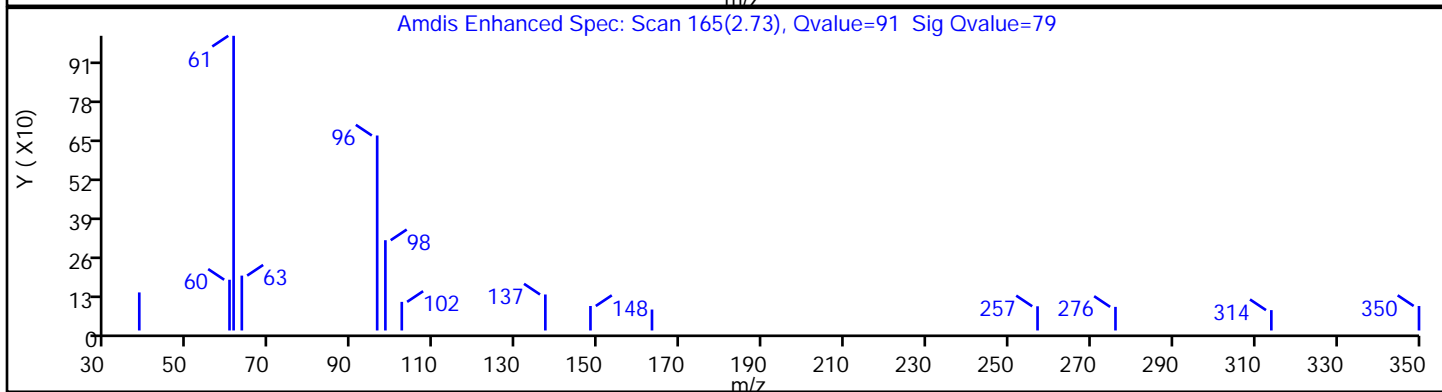
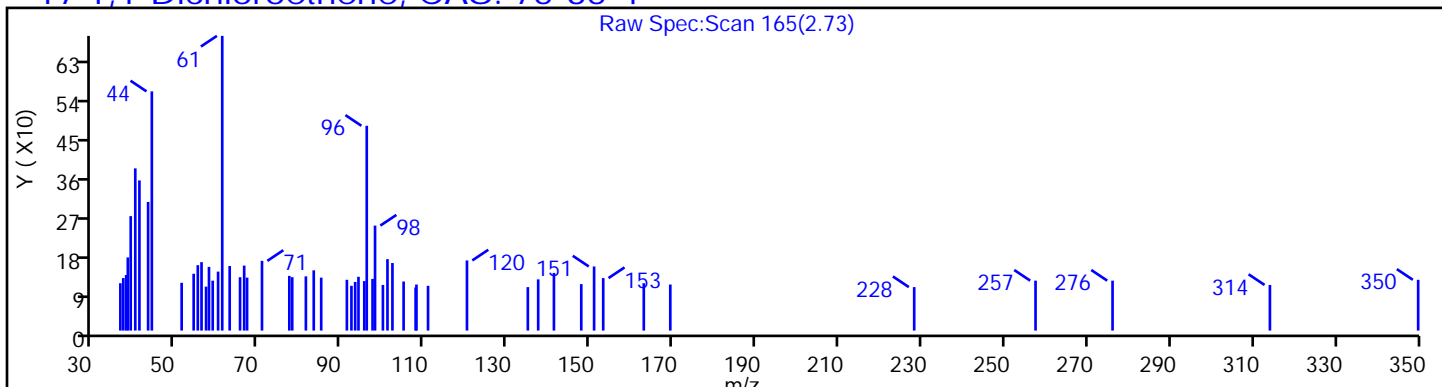
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

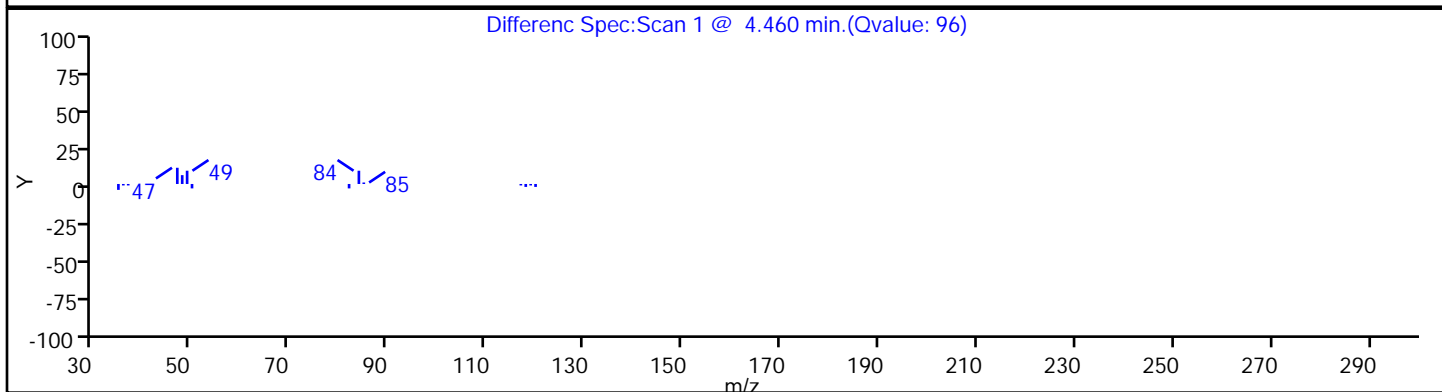
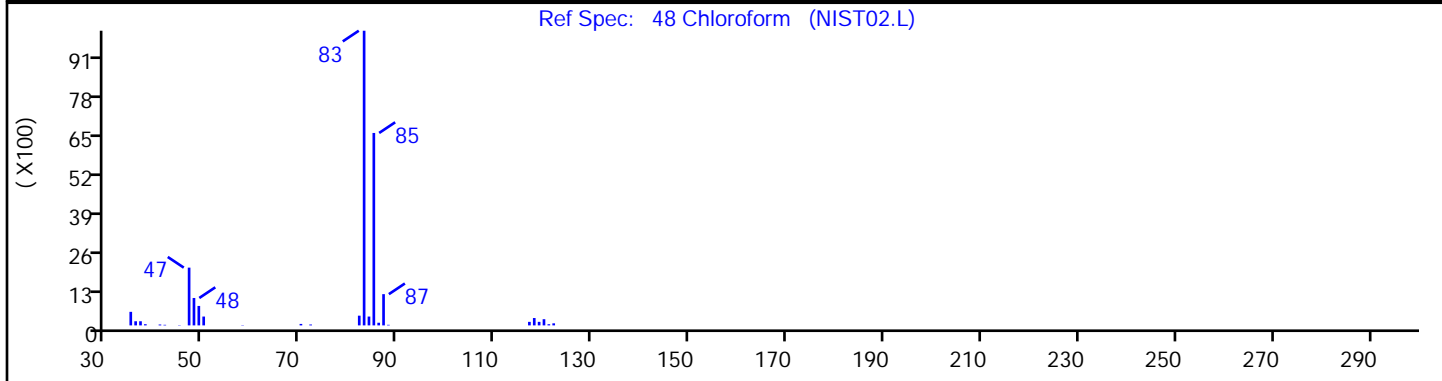
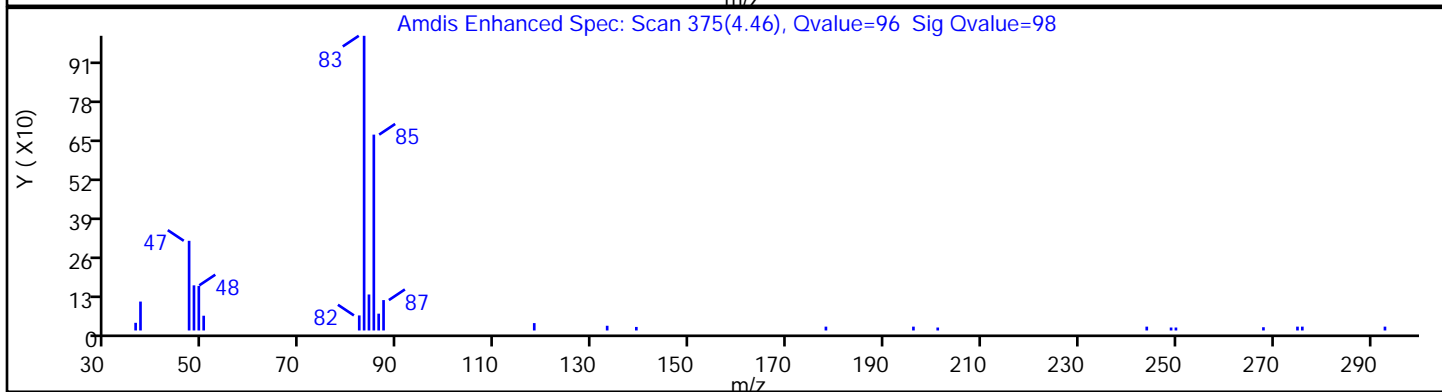
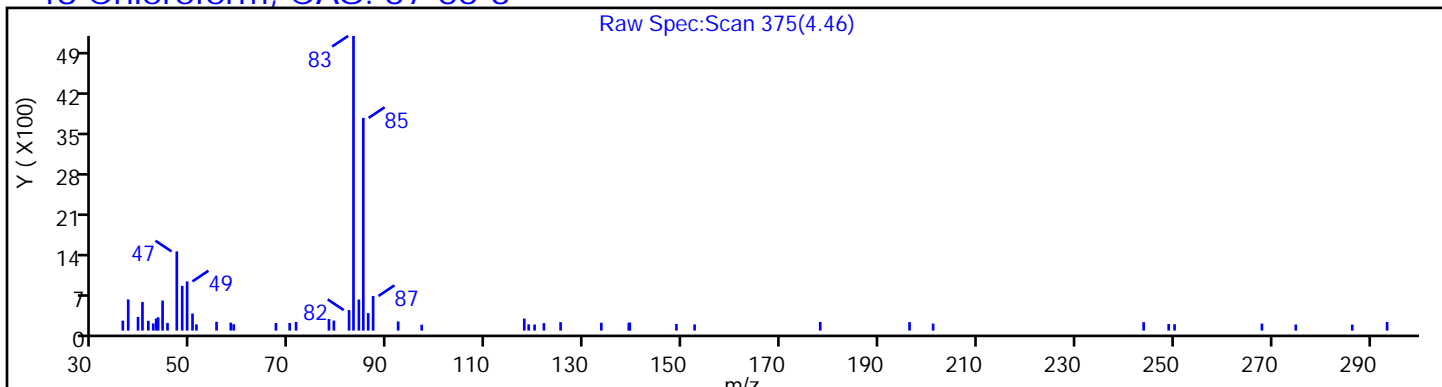
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

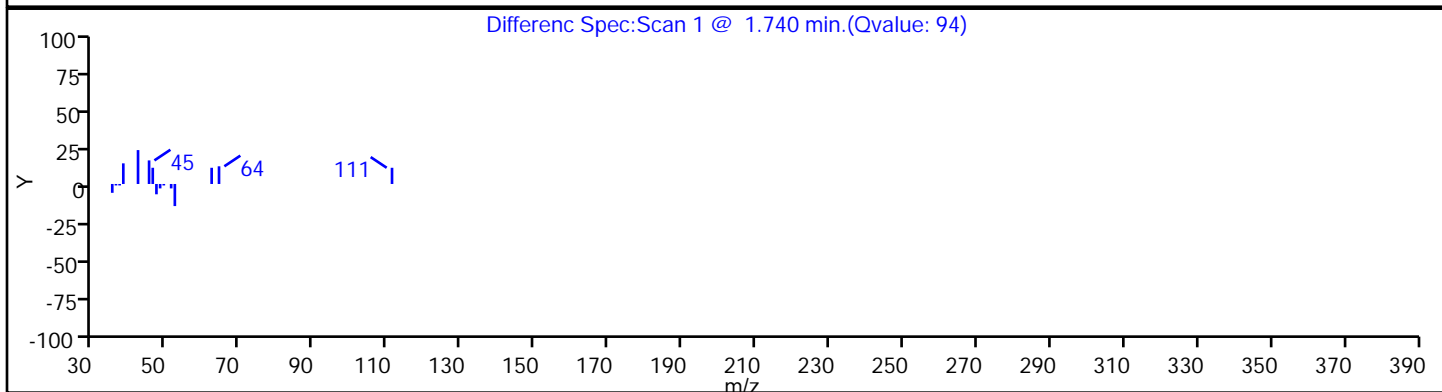
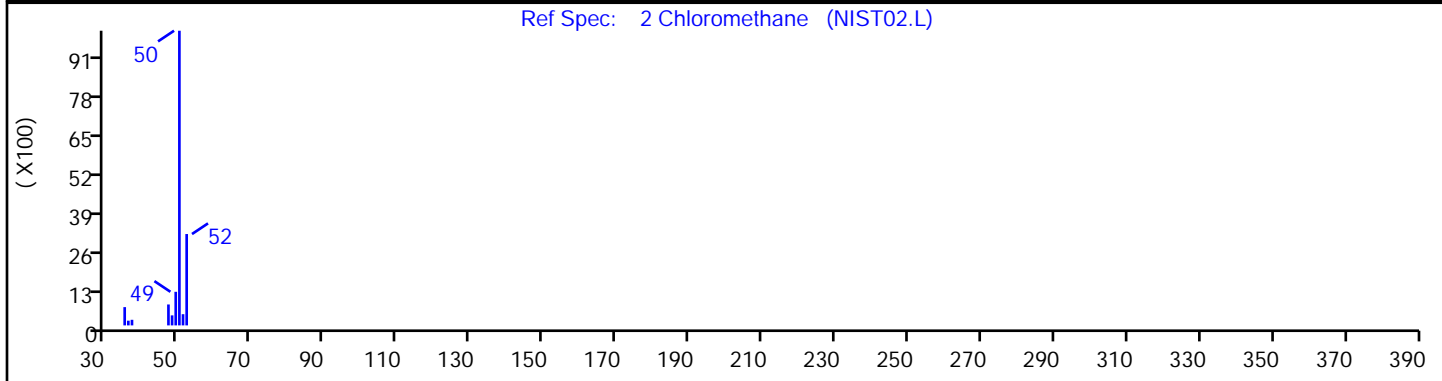
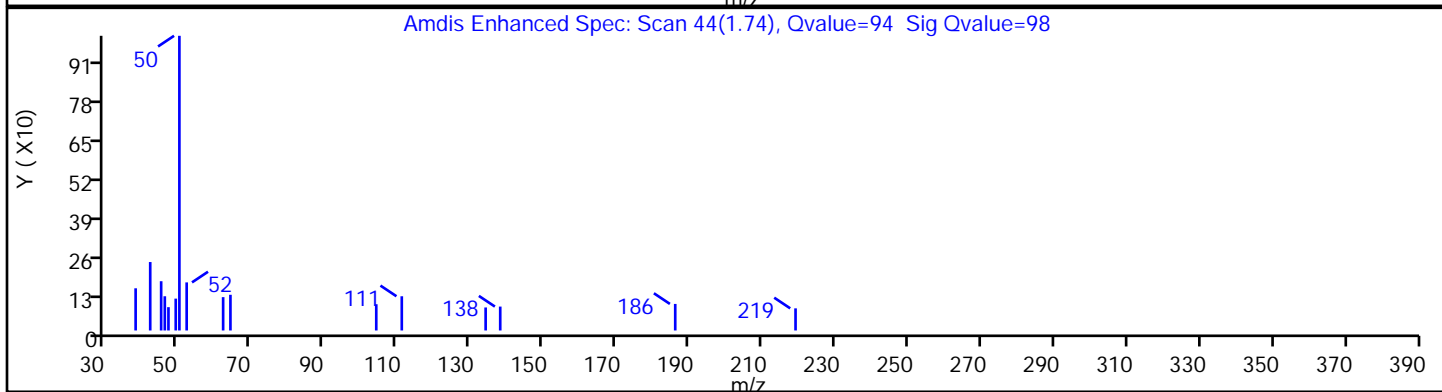
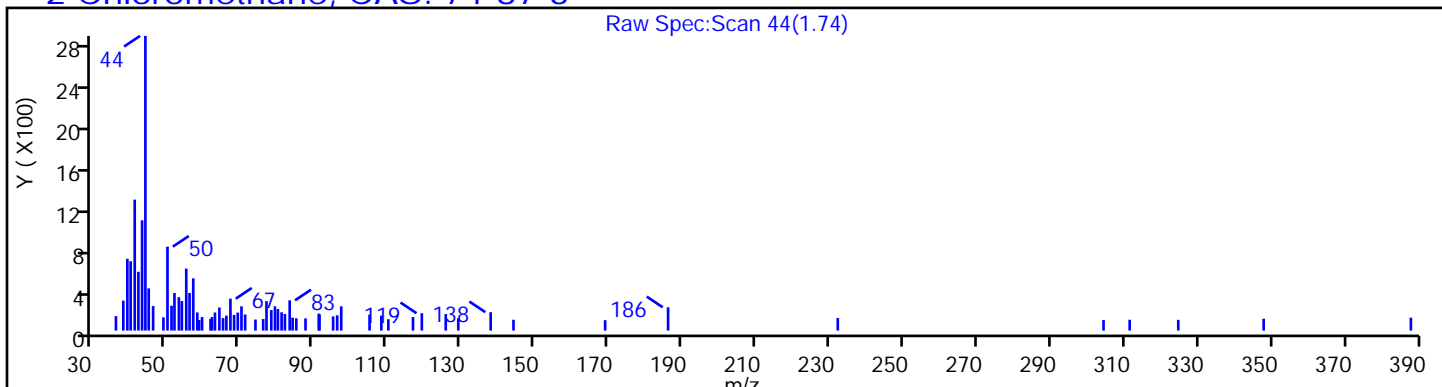
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

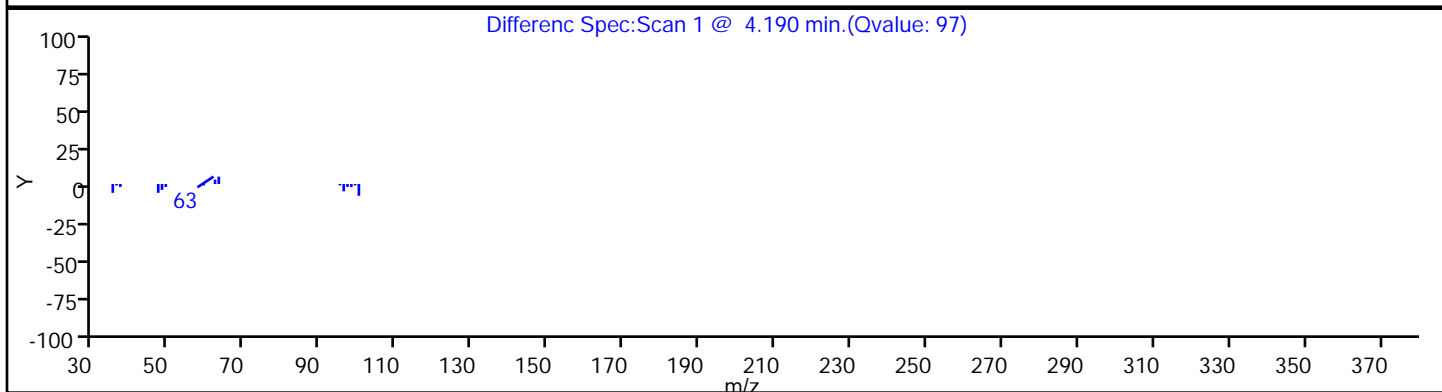
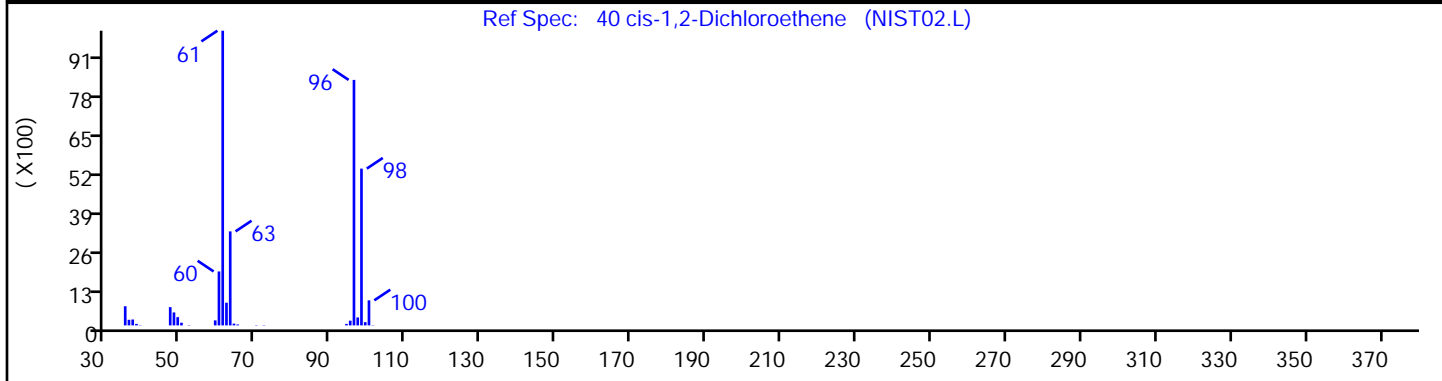
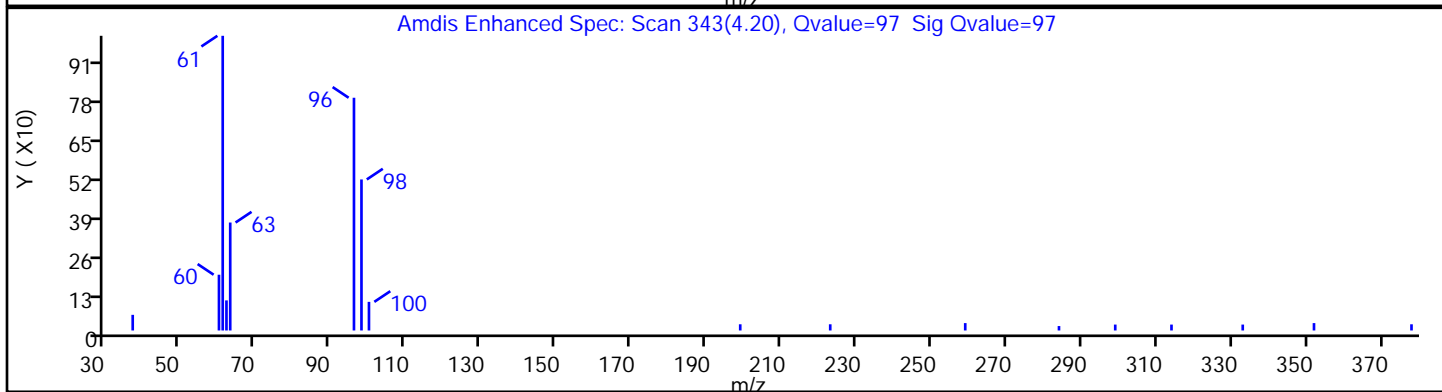
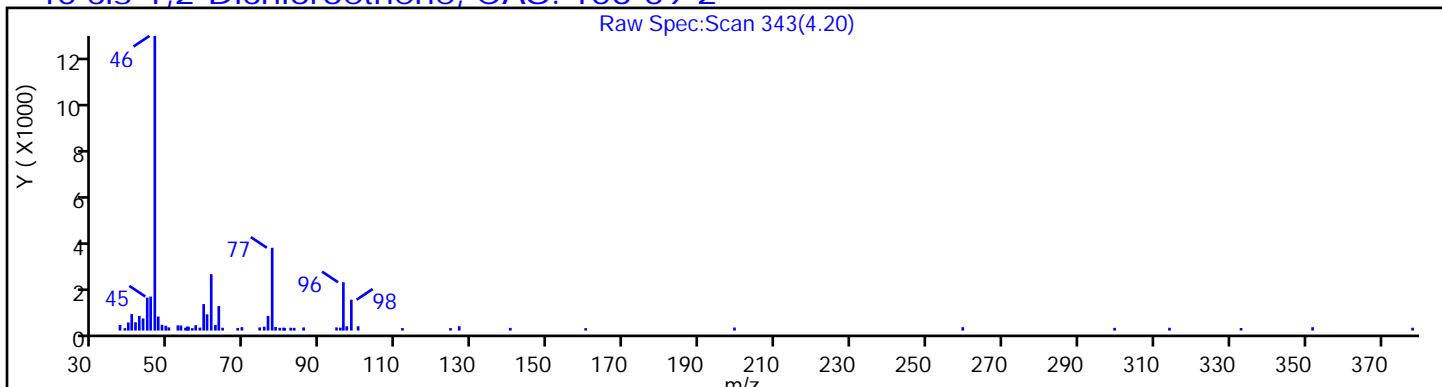
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

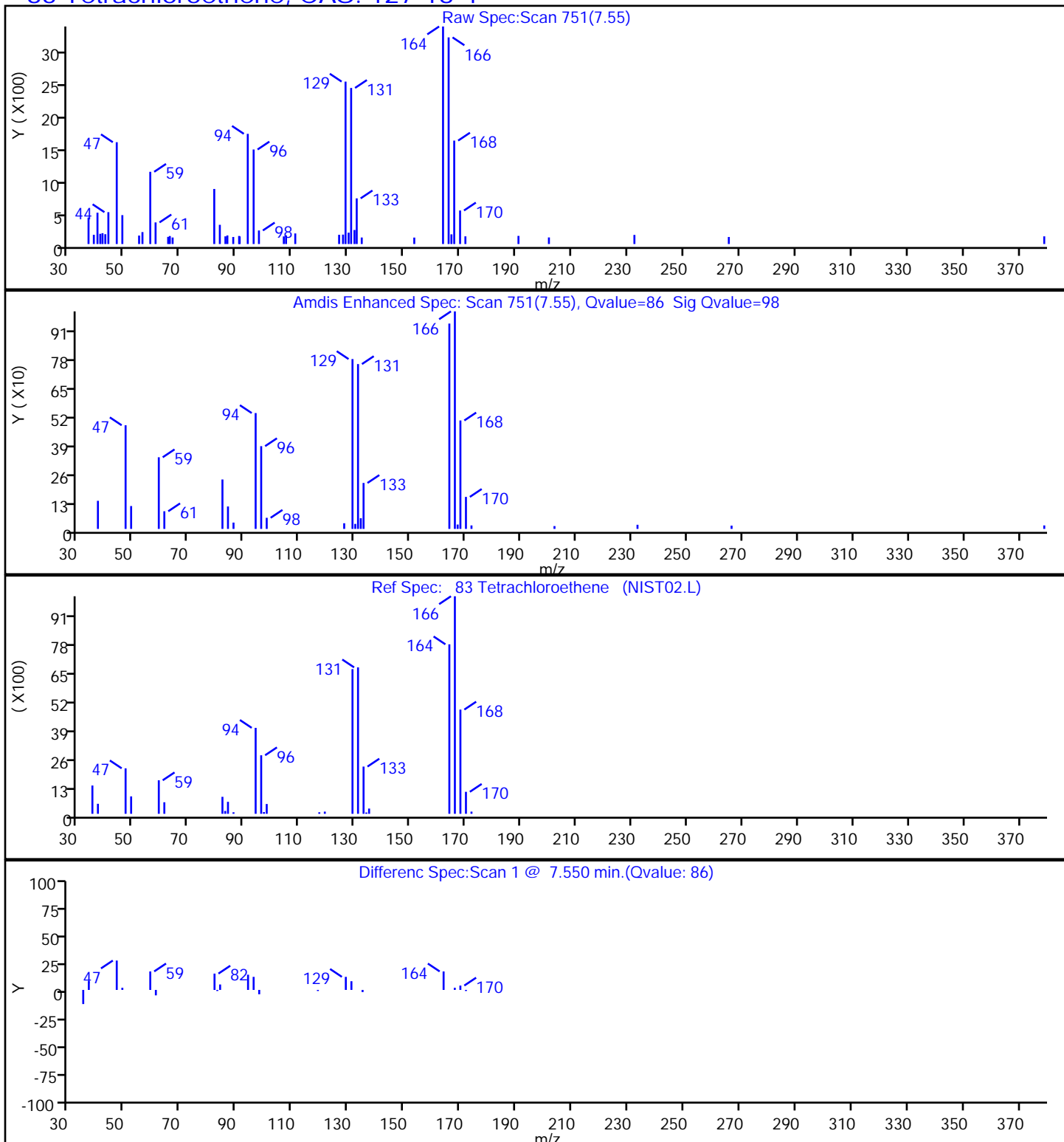
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

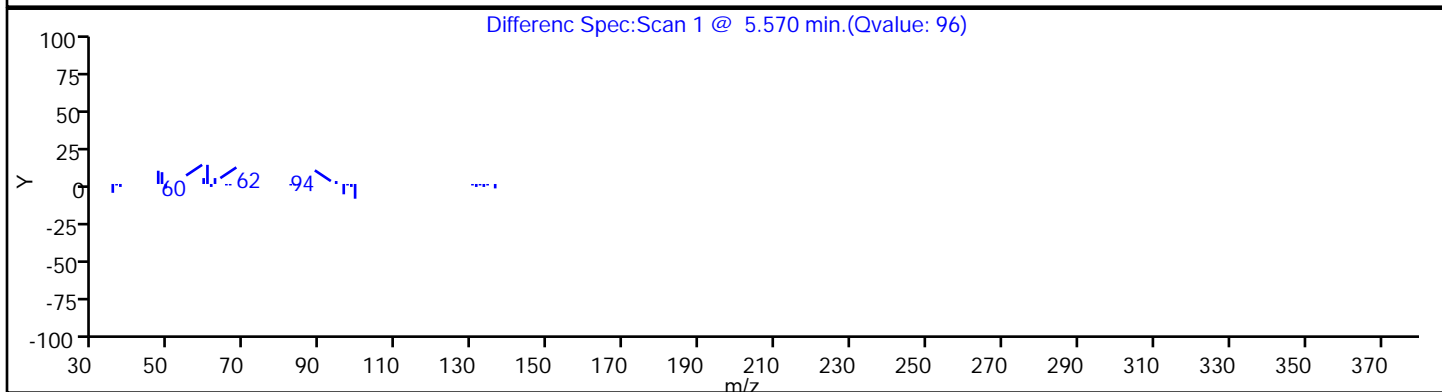
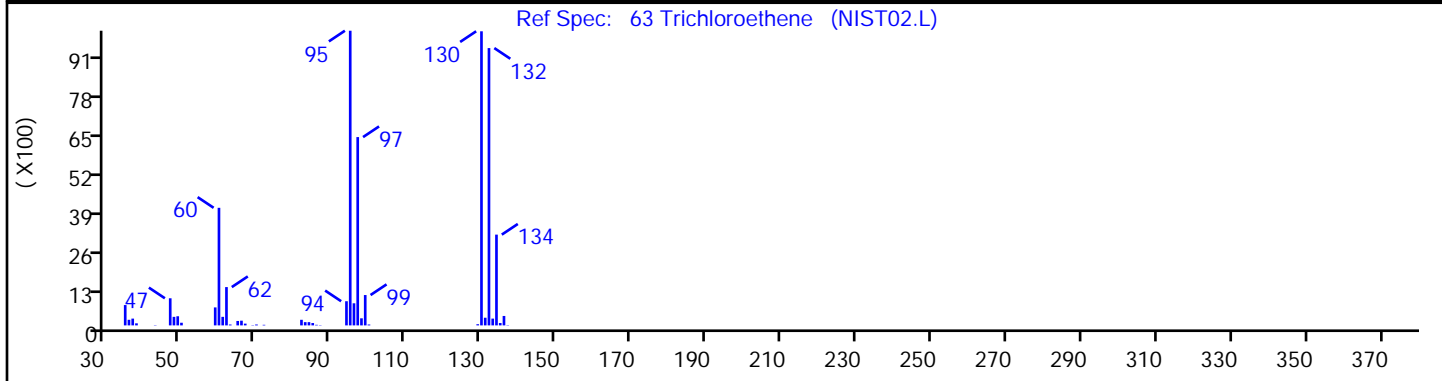
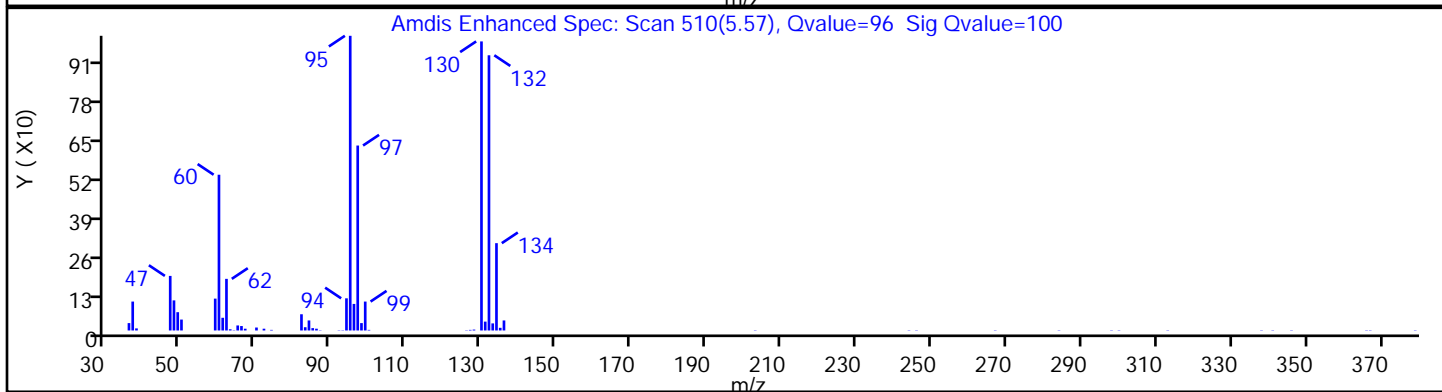
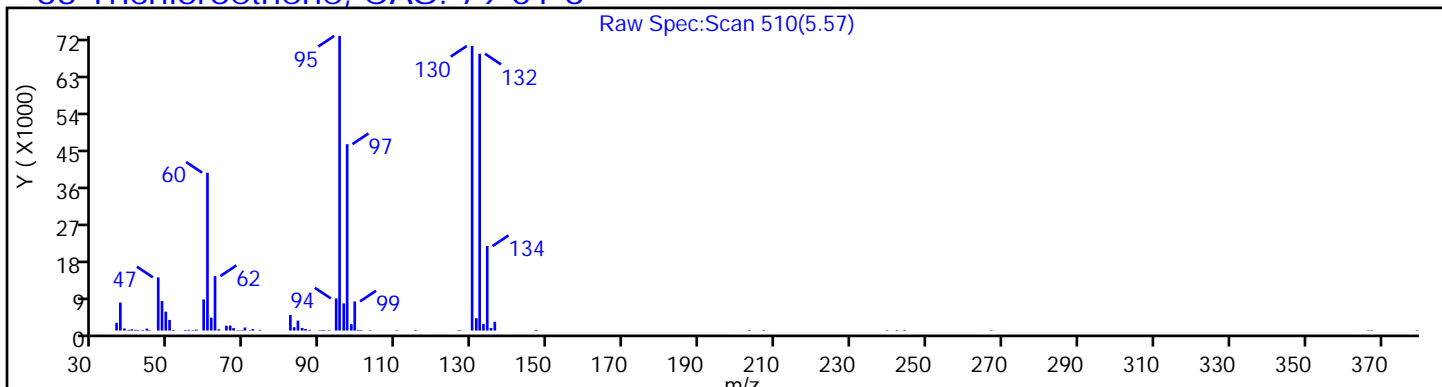
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

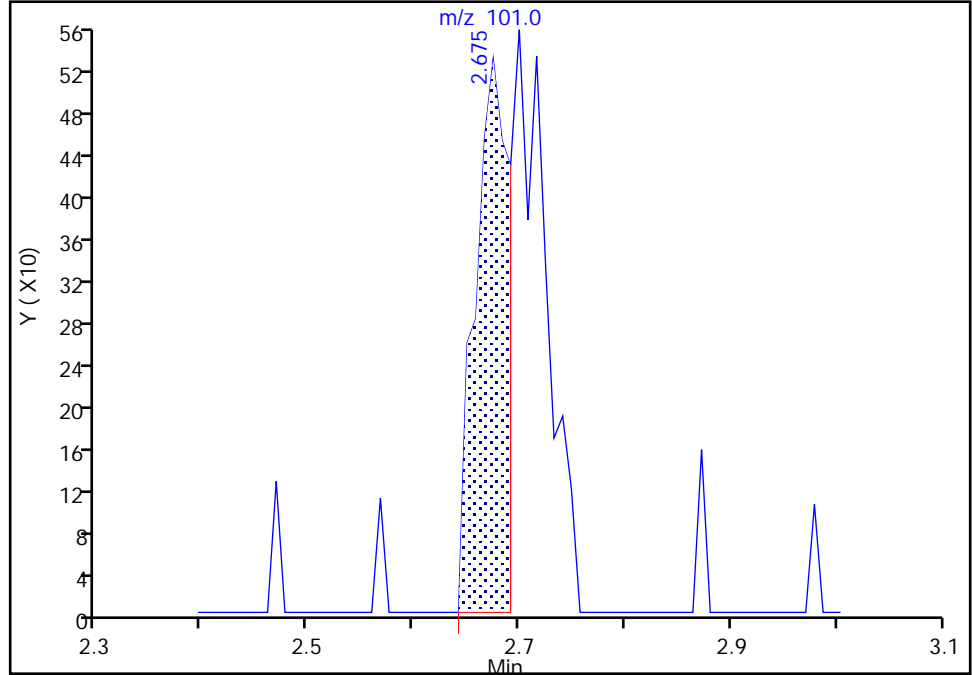
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D
Injection Date: 26-Aug-2020 17:04:30 Instrument ID: CVOAMS6
Lims ID: 460-216353-B-1 Lab Sample ID: 460-216353-1
Client ID: DEC7D1_20200817
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 112TCTFE, CAS: 76-13-1

Signal: 1

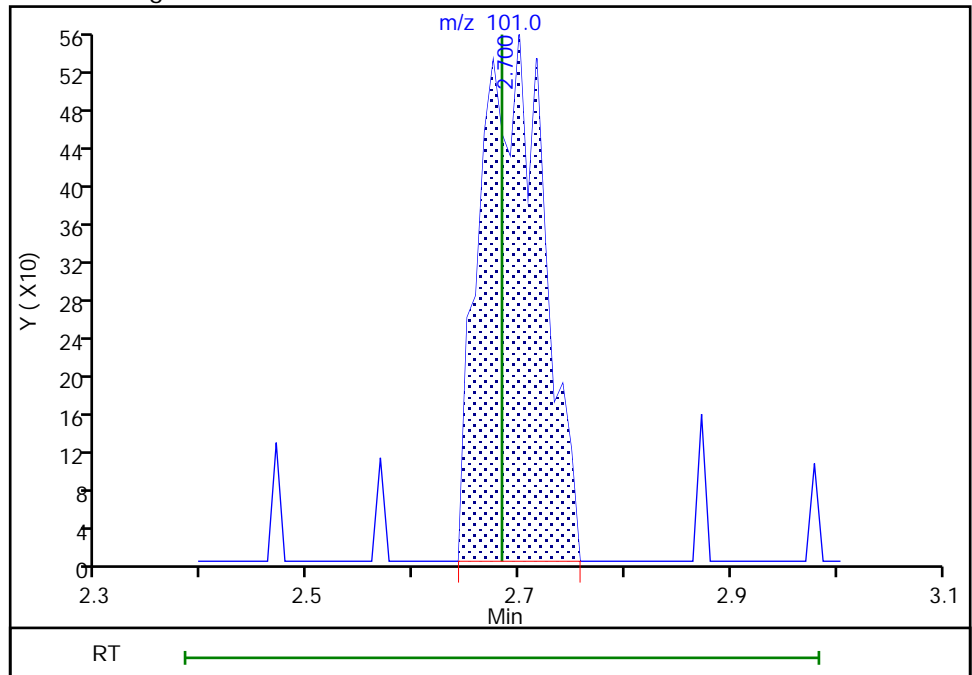
RT: 2.68
Area: 1179
Amount: 0.804618
Amount Units: ug/l

Processing Integration Results



RT: 2.70
Area: 2296
Amount: 1.566925
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:44:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

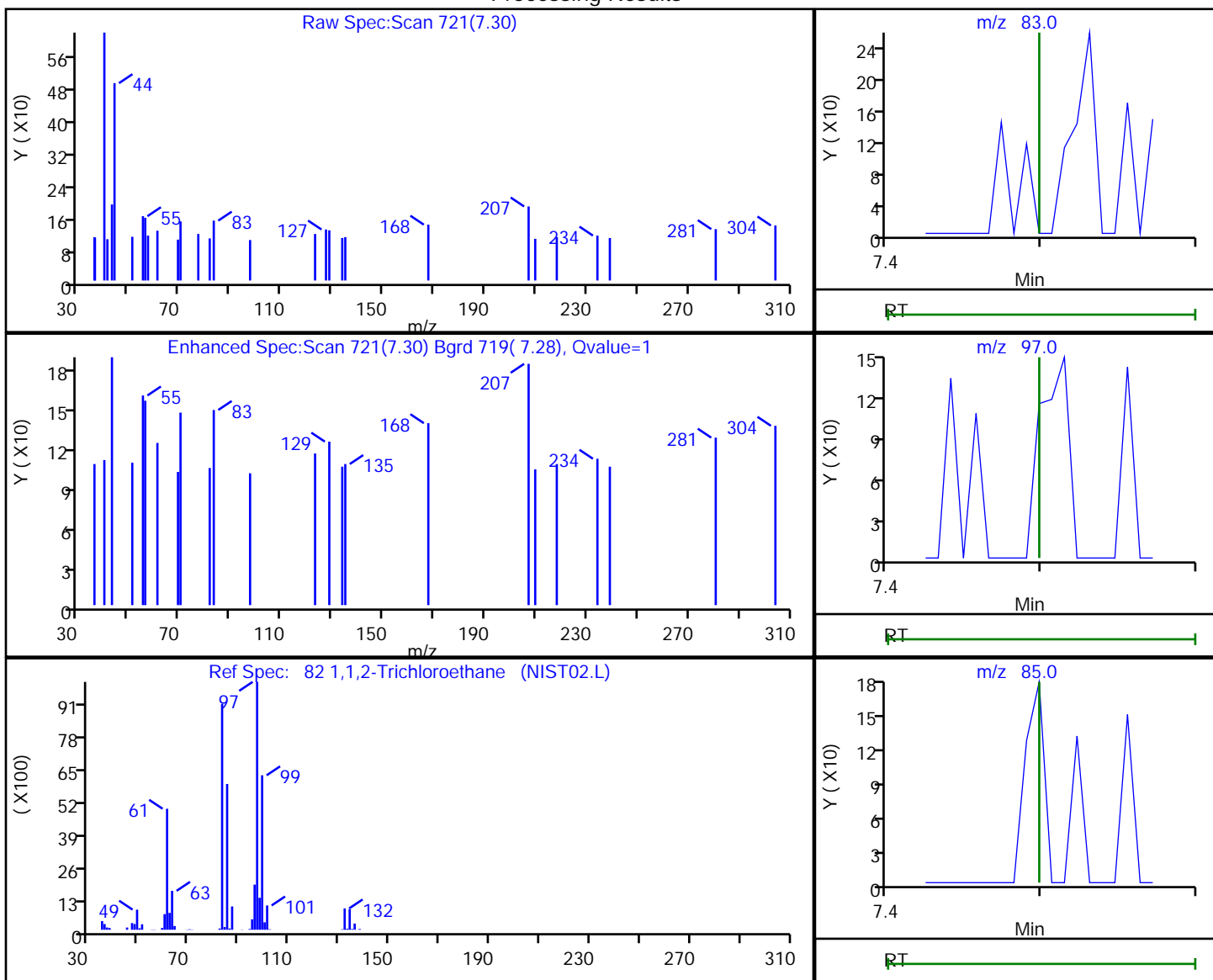
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.30	83.00	141	0.127682
7.30	97.00	49	
7.29	85.00	66	

Reviewer: xuyvo, 27-Aug-2020 10:45:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

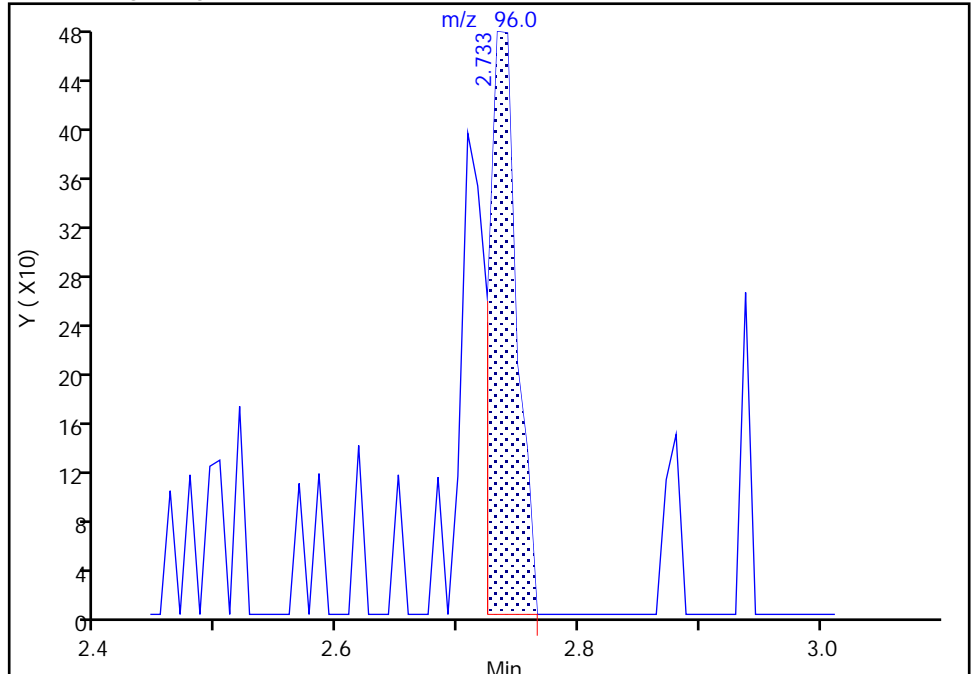
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D
Injection Date: 26-Aug-2020 17:04:30 Instrument ID: CVOAMS6
Lims ID: 460-216353-B-1 Lab Sample ID: 460-216353-1
Client ID: DEC7D1_20200817
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

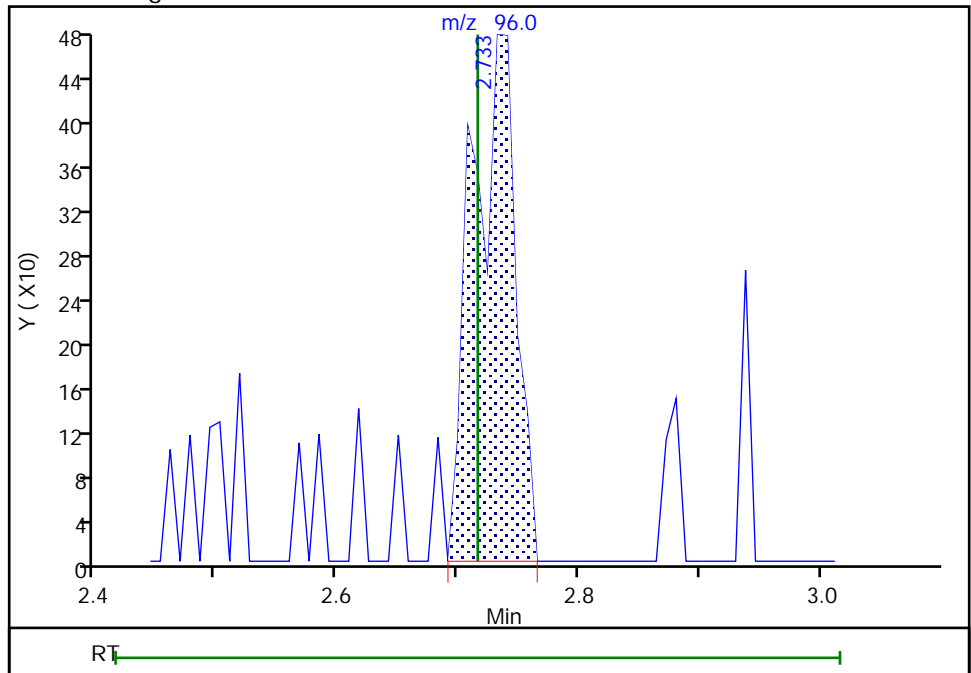
RT: 2.73
Area: 762
Amount: 0.521636
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 1184
Amount: 0.810520
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:44:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

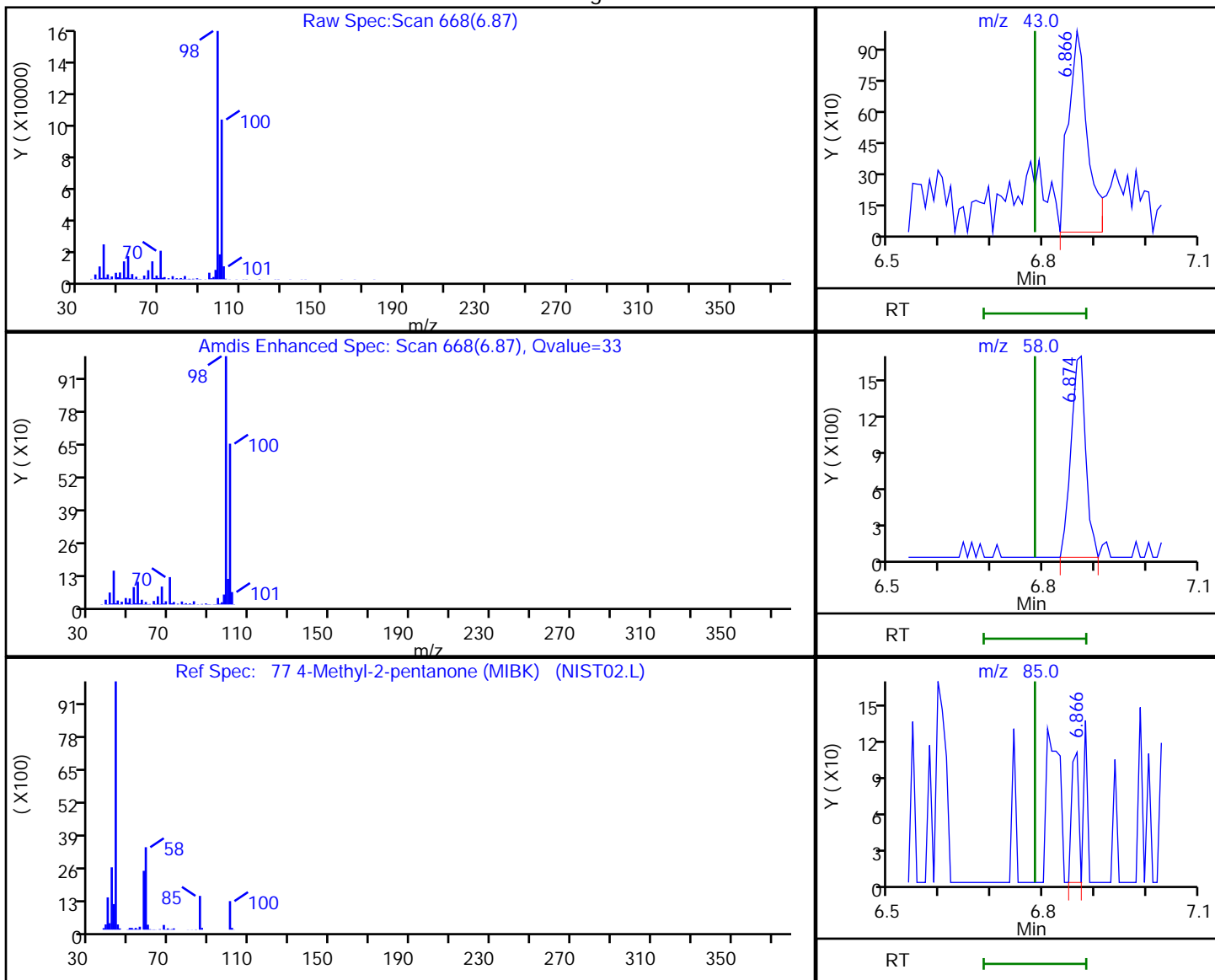
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.87	43.00	2516	1.394652
6.87	58.00	3265	
6.87	85.00	105	
6.87	100.00	204469	

Reviewer: xuyvo, 27-Aug-2020 10:45:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

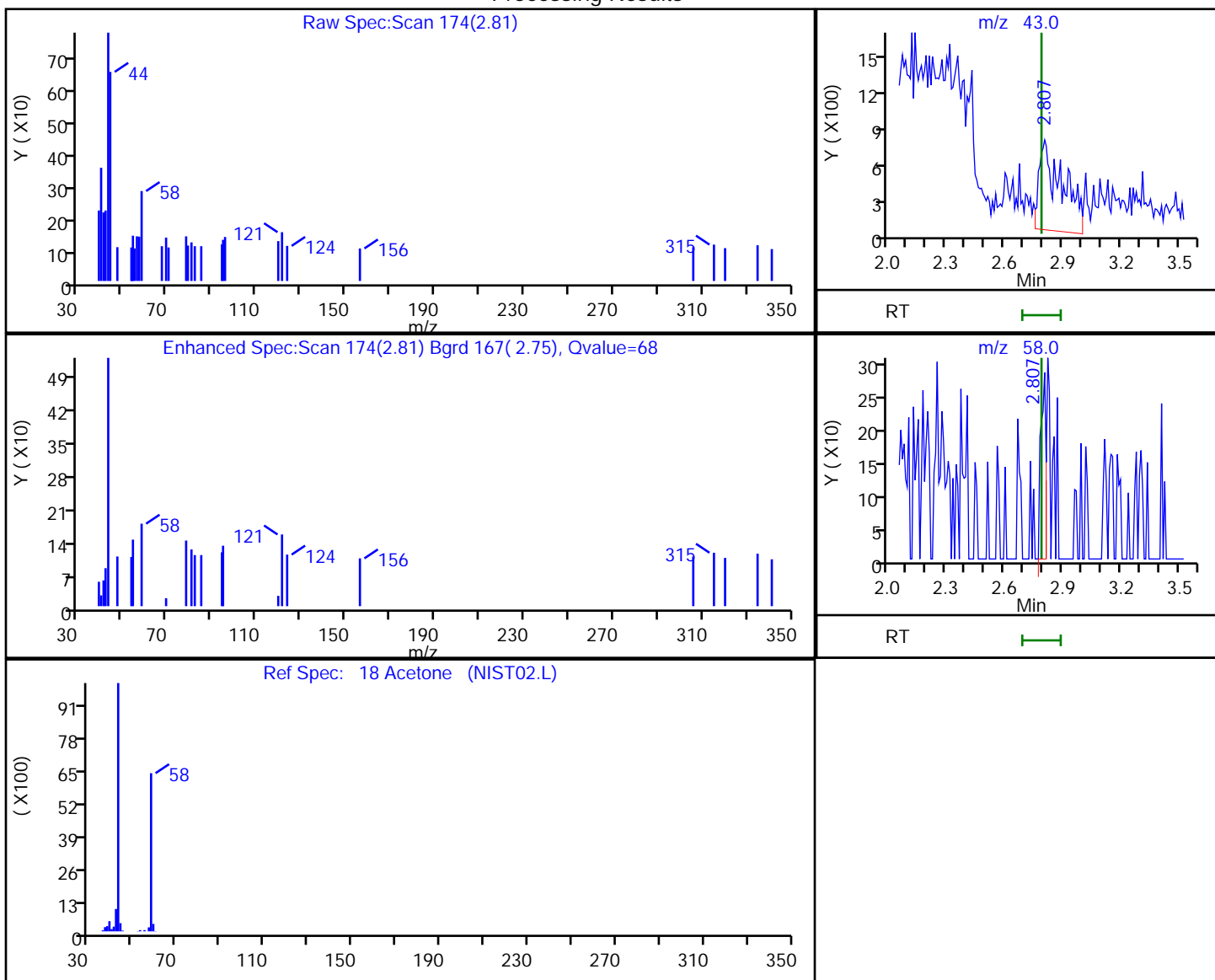
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.81	43.00	6211	12.265110
2.81	58.00	515	

Reviewer: xuyvo, 27-Aug-2020 10:45:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

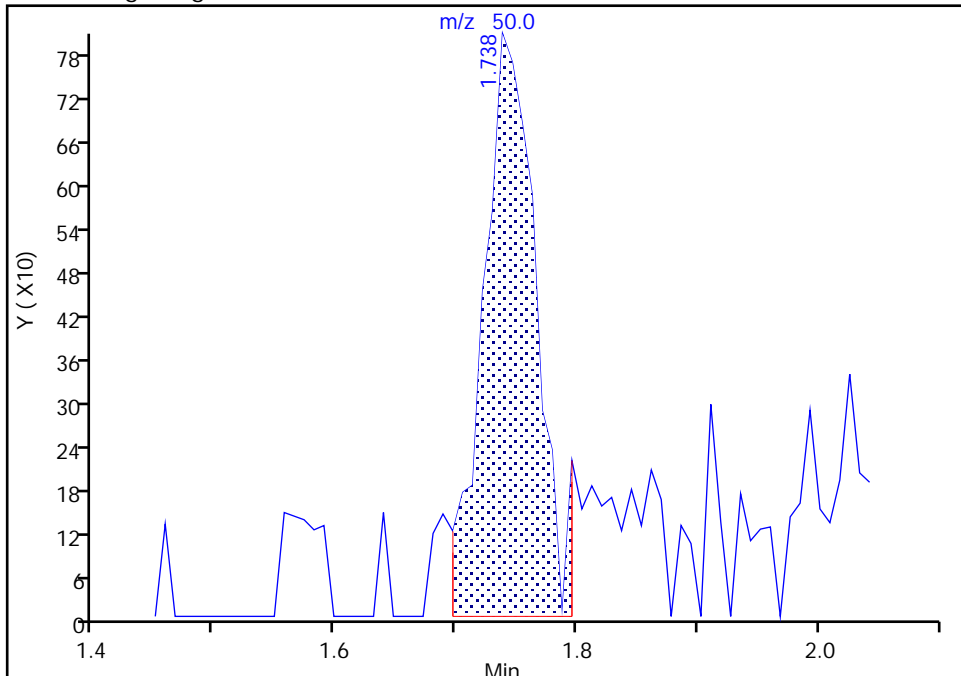
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D
Injection Date: 26-Aug-2020 17:04:30 Instrument ID: CVOAMS6
Lims ID: 460-216353-B-1 Lab Sample ID: 460-216353-1
Client ID: DEC7D1_20200817
Operator ID: ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3

Signal: 1

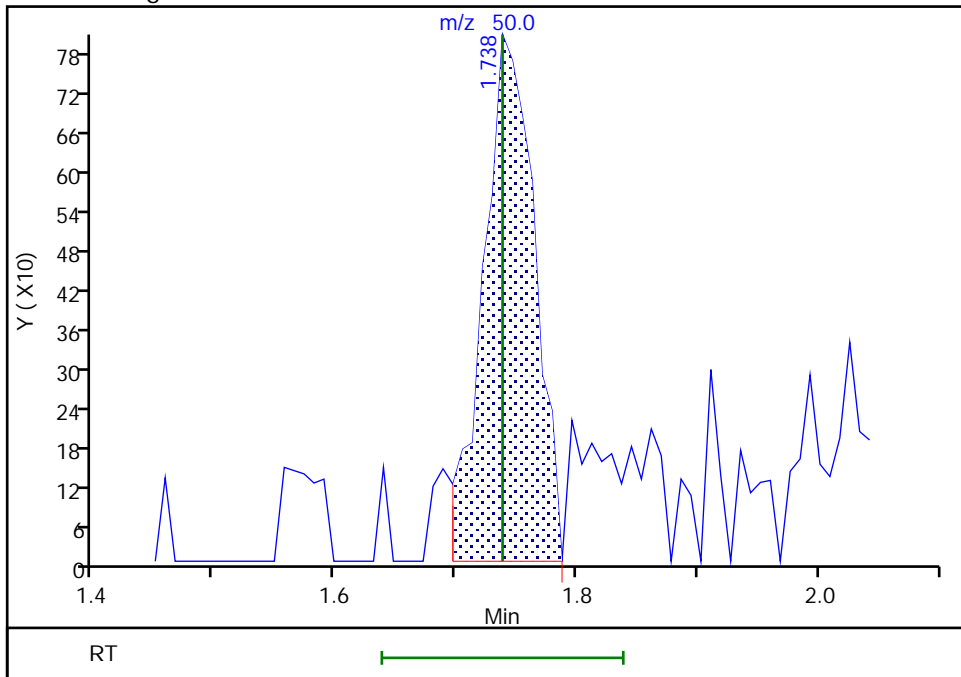
RT: 1.74
Area: 2496
Amount: 0.829415
Amount Units: ug/l

Processing Integration Results



RT: 1.74
Area: 2389
Amount: 0.793859
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:44:29
Audit Action: Split an Integrated Peak

Audit Reason: Shouldering

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

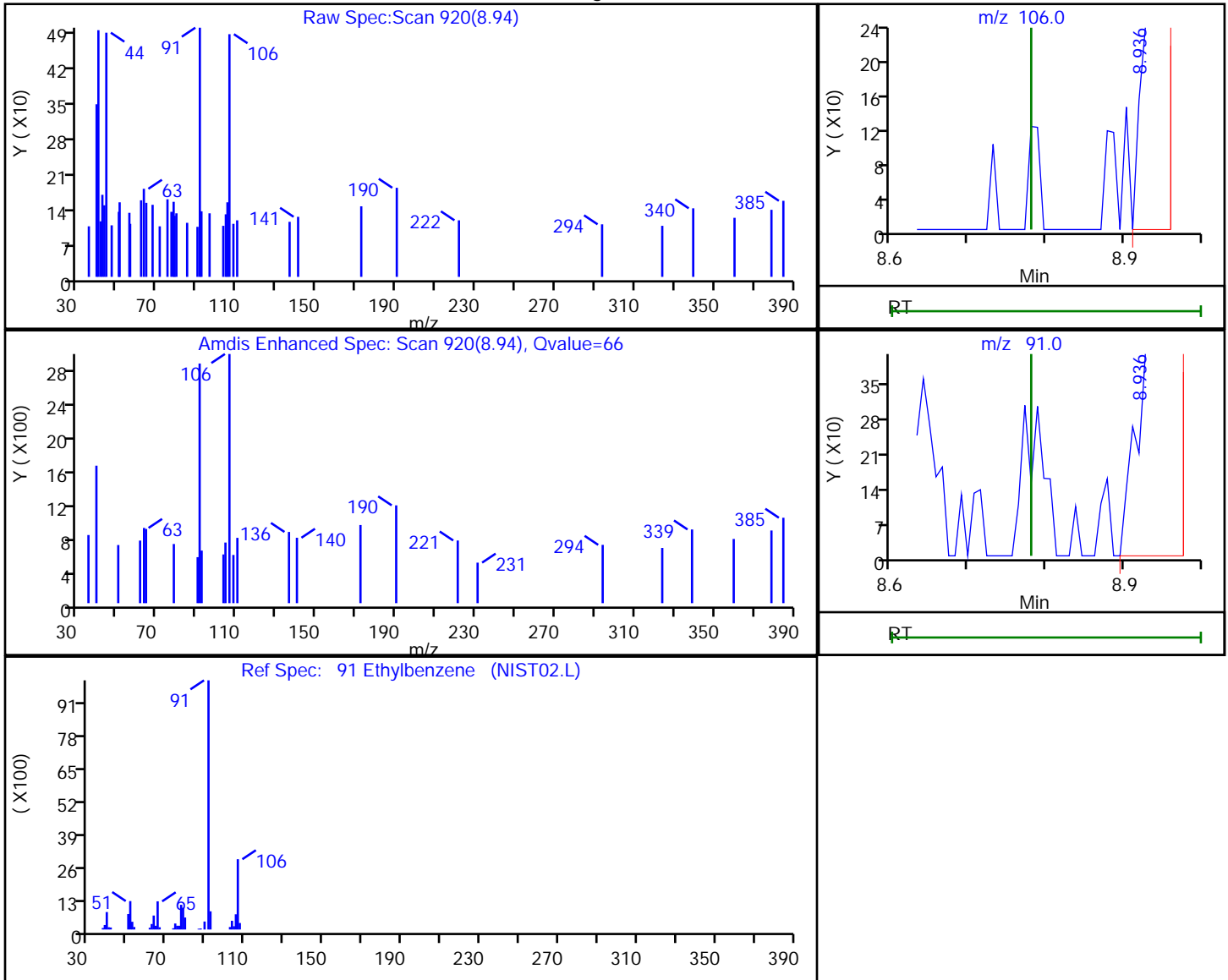
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

91 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
8.94	106.00	681	0.305783
8.94	91.00	1221	

Reviewer: xuyvo, 27-Aug-2020 10:45:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003768.D

Injection Date: 26-Aug-2020 17:04:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-1

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 27 Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

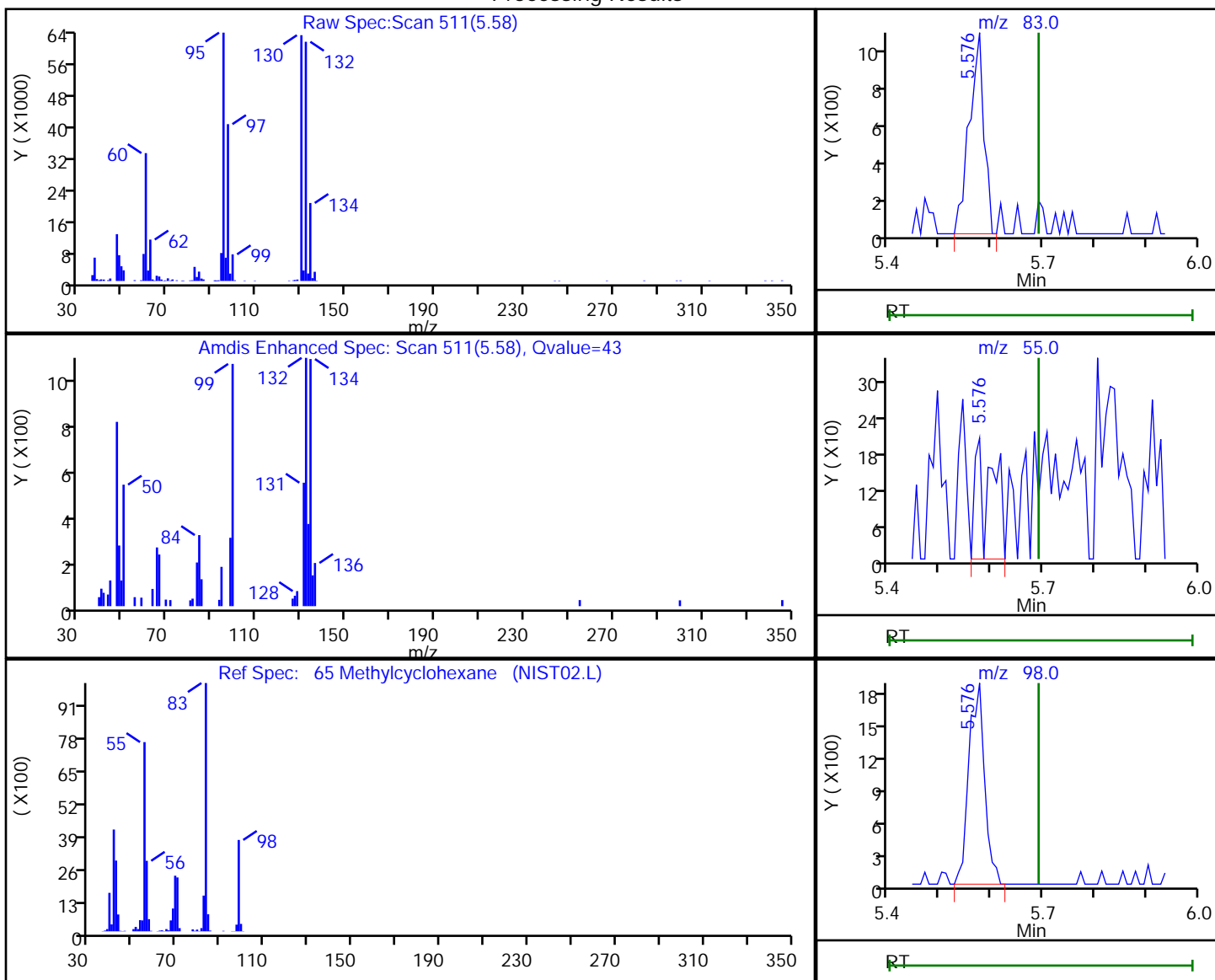
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.58	83.00	1995	0.723537
5.58	55.00	477	
5.58	98.00	4015	

Reviewer: xuyvo, 27-Aug-2020 10:45:14

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.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC6D1_20200817 Lab Sample ID: 460-216353-2
 Matrix: Water Lab File ID: F003769.D
 Analysis Method: 8260C Date Collected: 08/17/2020 16:25
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:29
 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.: 719629 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.87	J	1.0	0.43
75-34-3	1,1-Dichloroethane	0.93	J	1.0	0.26
75-35-4	1,1-Dichloroethene	5.1		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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.73	J	1.0	0.33
74-87-3	Chloromethane	1.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	2.3		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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC6D1_20200817 Lab Sample ID: 460-216353-2
 Matrix: Water Lab File ID: F003769.D
 Analysis Method: 8260C Date Collected: 08/17/2020 16:25
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:29
 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.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.73	J	1.0	0.25
108-88-3	Toluene	2.1		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	180		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)	101		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	107		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC6D1_20200817 Lab Sample ID: 460-216353-2
 Matrix: Water Lab File ID: F003769.D
 Analysis Method: 8260C Date Collected: 08/17/2020 16:25
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:29
 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.: 719629 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\20200826-115773.b\F003769.D
 Lims ID: 460-216353-B-2
 Client ID: DEC6D1_20200817
 Sample Type: Client
 Inject. Date: 26-Aug-2020 17:29:30 ALS Bottle#: 28 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216353-B-2
 Misc. Info.: 460-0115773-029
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:46:41 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: xuyvo Date: 27-Aug-2020 10:46:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50	1.739	1.738	0.001	94	3675	1.24	
16 112TCTFE	101	2.683	2.683	0.000	94	8699	6.03	
17 1,1-Dichloroethene	96	2.725	2.716	0.009	98	7268	5.05	
* 27 TBA-d9 (IS)	65	3.119	3.119	0.000	0	164535	1000.0	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	97	2500	0.9325	
* 38 2-Butanone-d5	46	4.146	4.154	-0.008	0	204181	250.0	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	92	3933	2.27	
48 Chloroform	83	4.458	4.458	0.000	80	1900	0.7285	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	74765	50.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	97248	50.5	
59 1,2-Dichloroethane	62	5.017	5.025	-0.008	1	558	0.2617	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	289888	50.0	
63 Trichloroethene	95	5.568	5.567	0.001	97	281822	182.9	
* 67 1,4-Dioxane-d8	96	5.913	5.904	0.009	0	13177	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	321454	53.3	
79 Toluene	91	6.940	6.940	0.000	91	13799	2.12	
82 1,1,2-Trichloroethane	83	7.490	7.498	-0.008	35	978	0.8658	M
83 Tetrachloroethene	166	7.548	7.540	0.008	81	991	0.7330	
* 89 Chlorobenzene-d5	117	8.633	8.632	0.000	89	211004	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	85	88337	49.9	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	96	113709	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00039

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Worklist Smp#: 29

Client ID: DEC6D1_20200817

Purge Vol: 5.000 mL

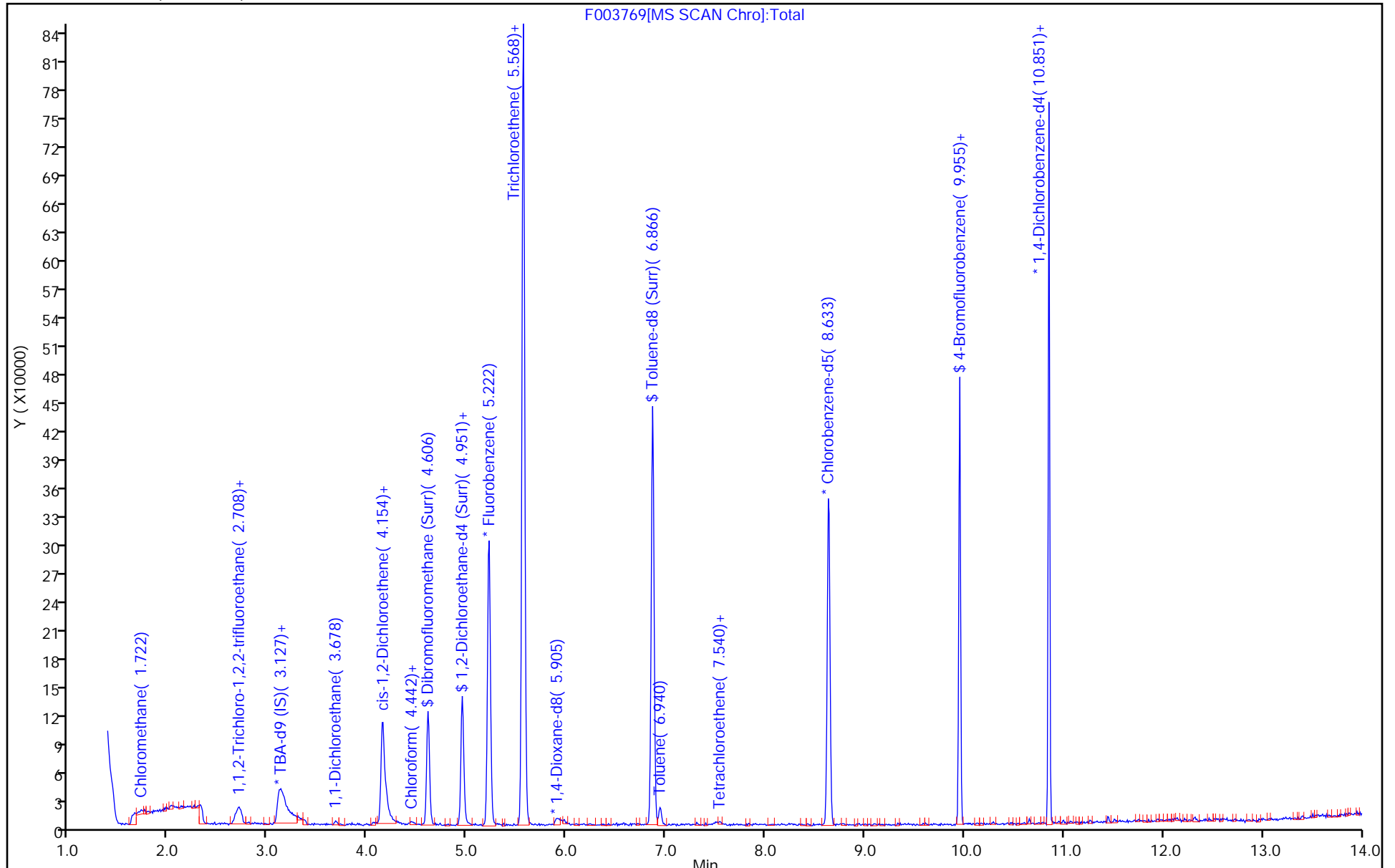
Dil. Factor: 1.0000

ALS Bottle#: 28

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

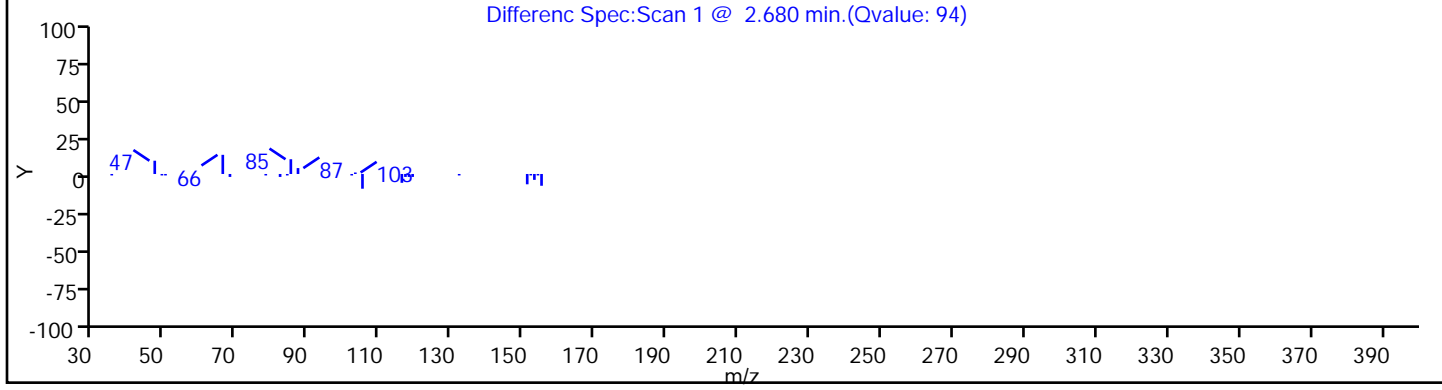
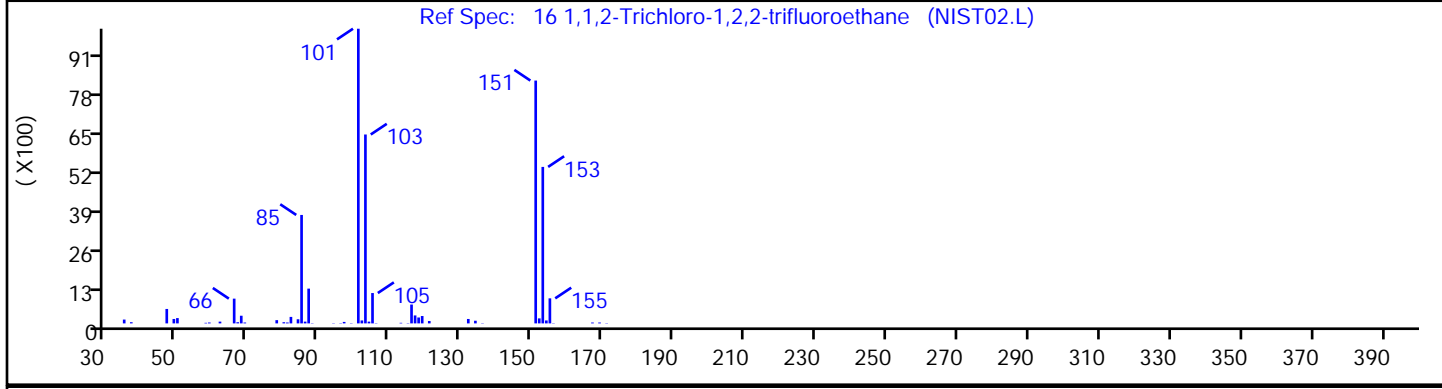
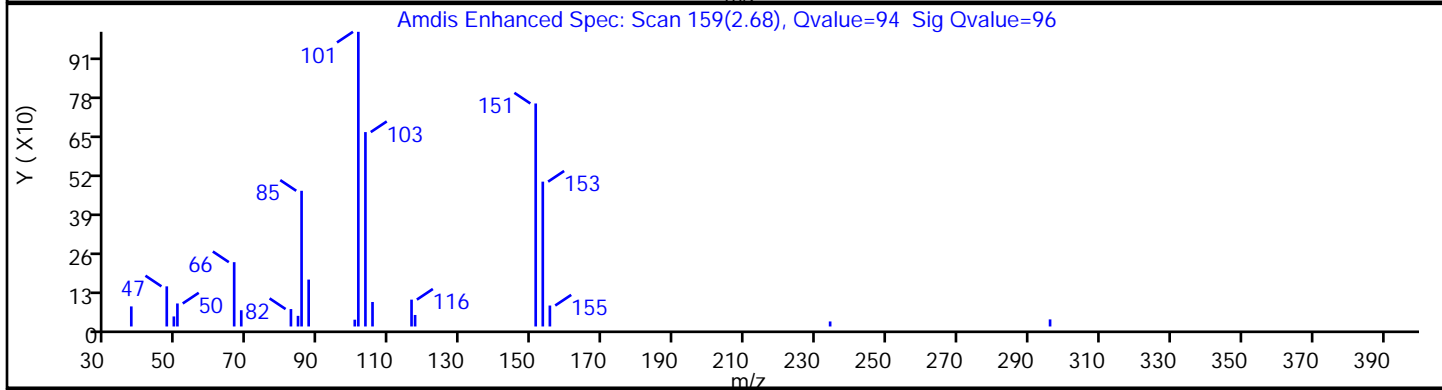
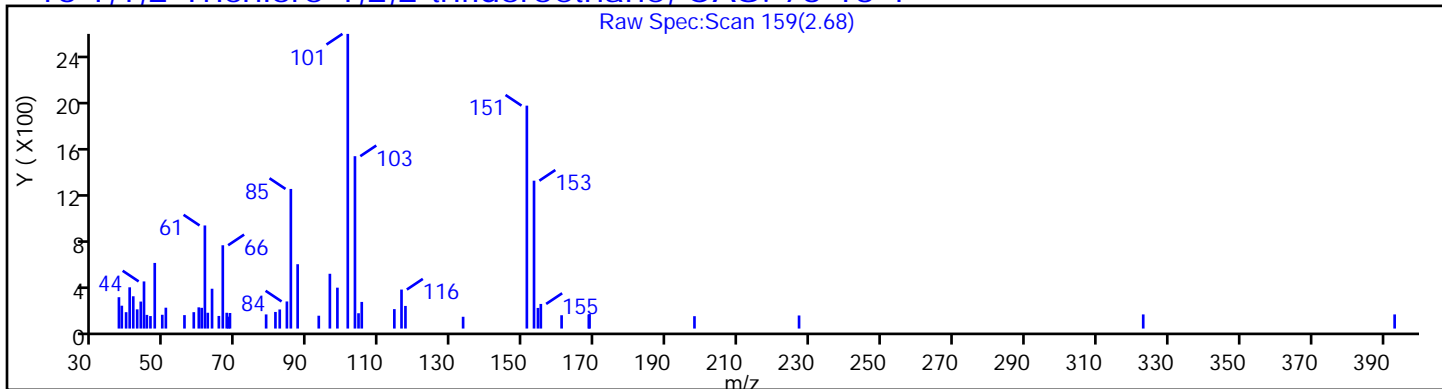
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

16 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

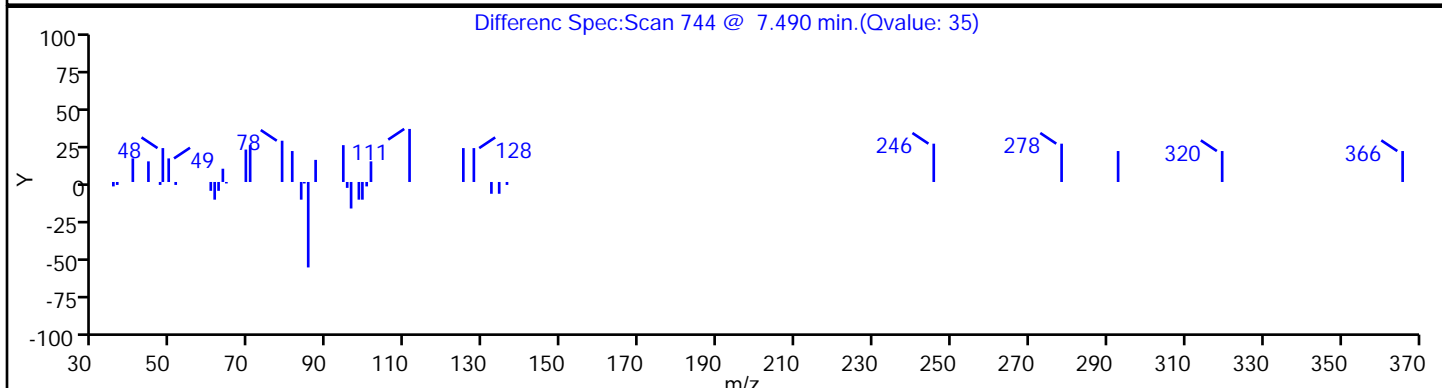
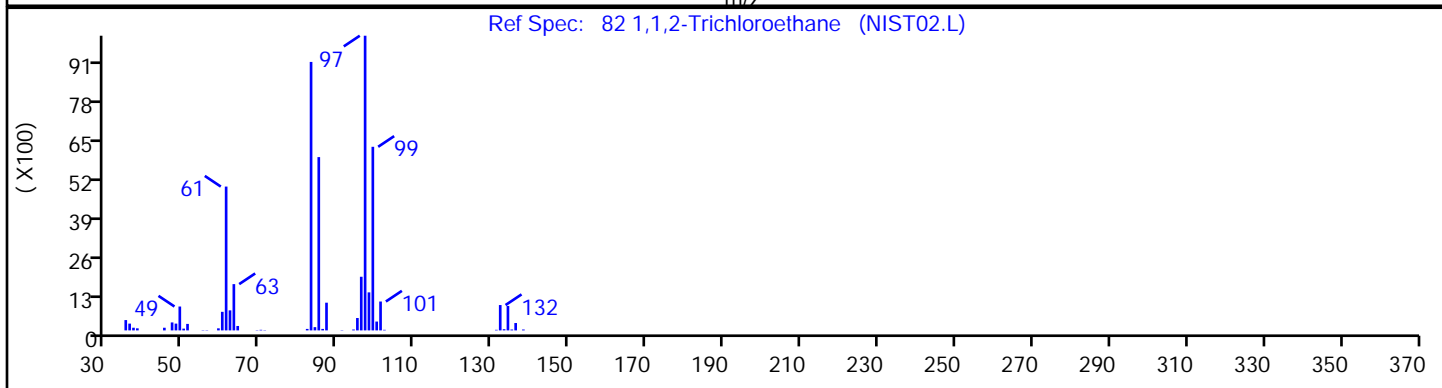
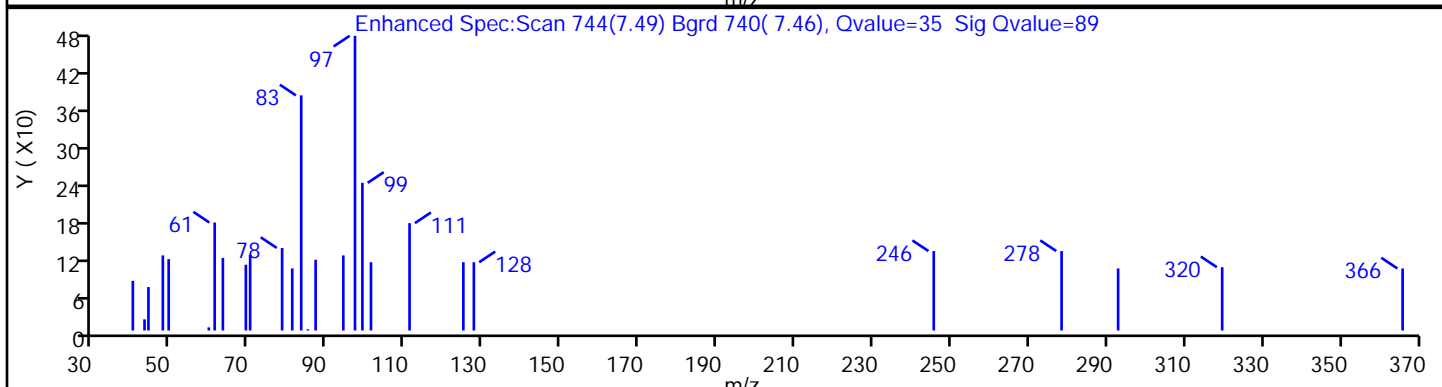
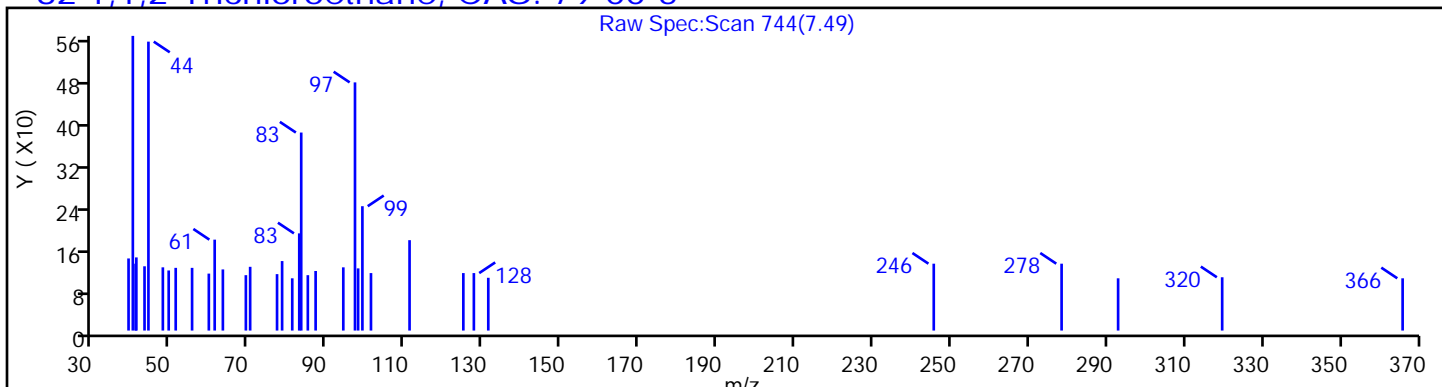
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

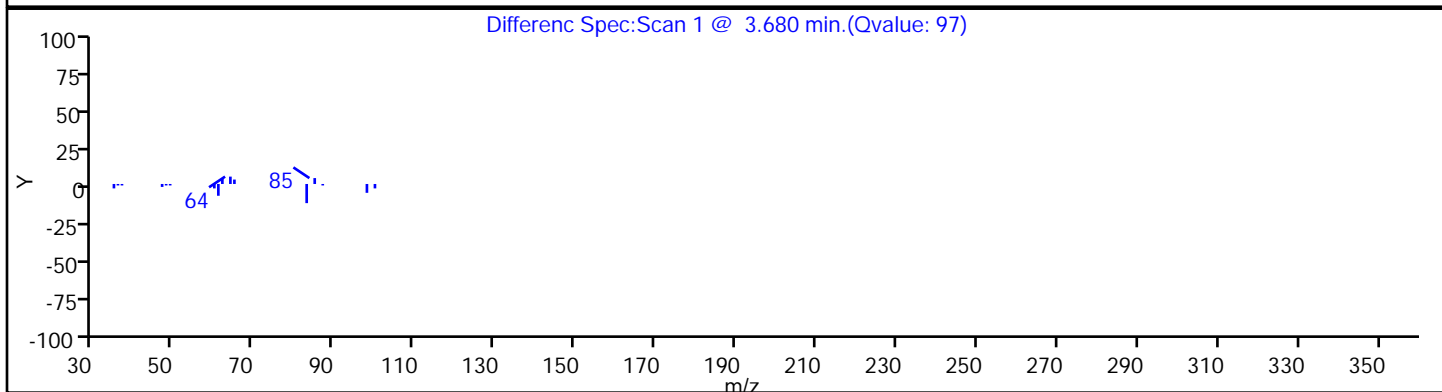
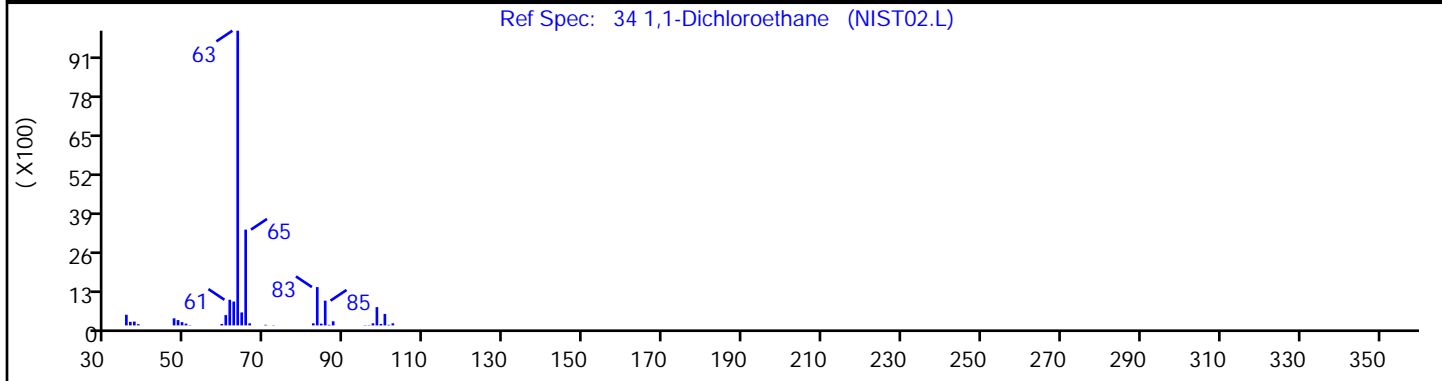
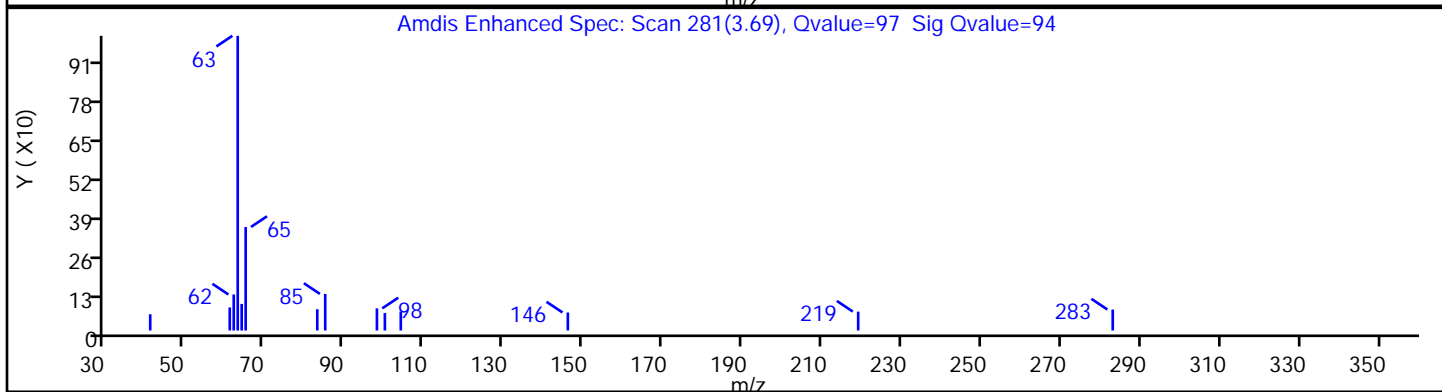
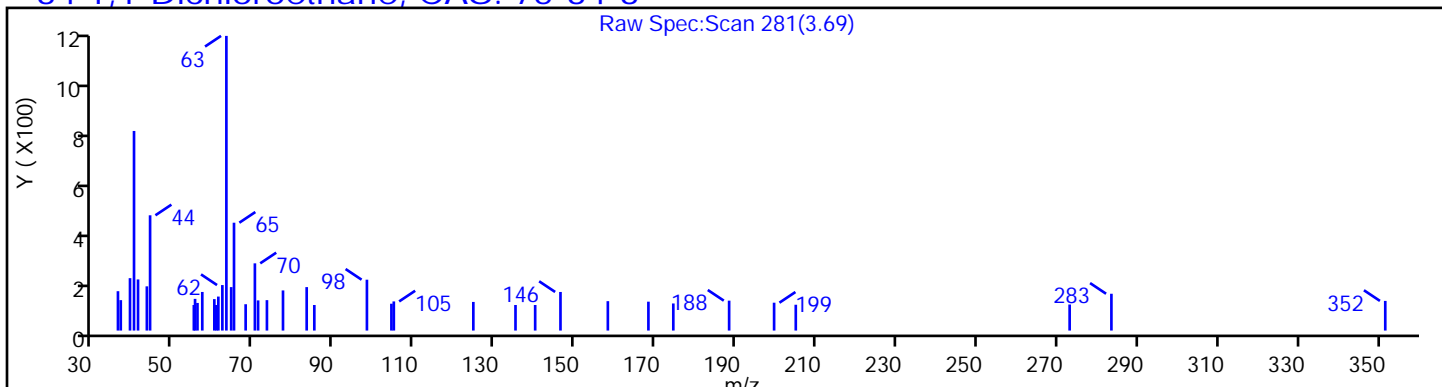
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

34 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

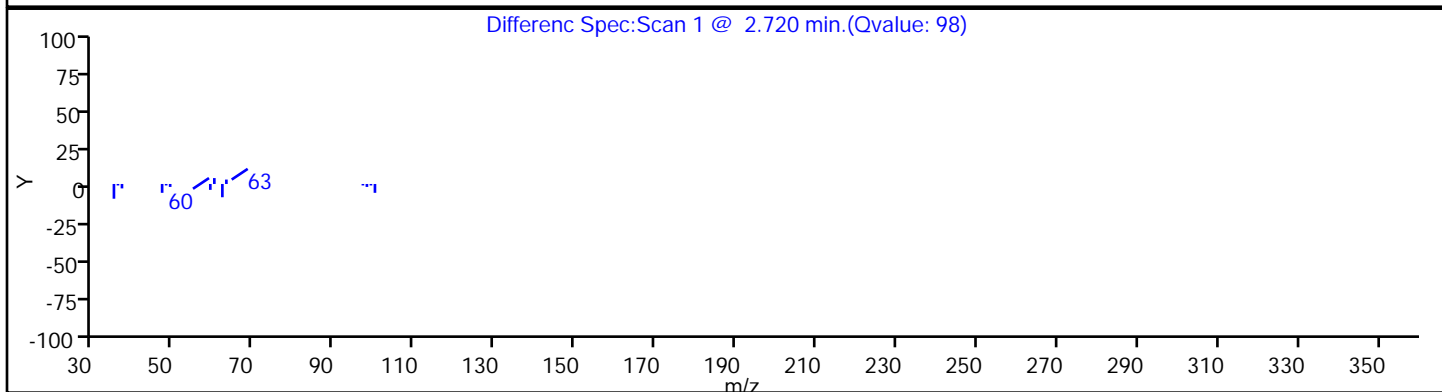
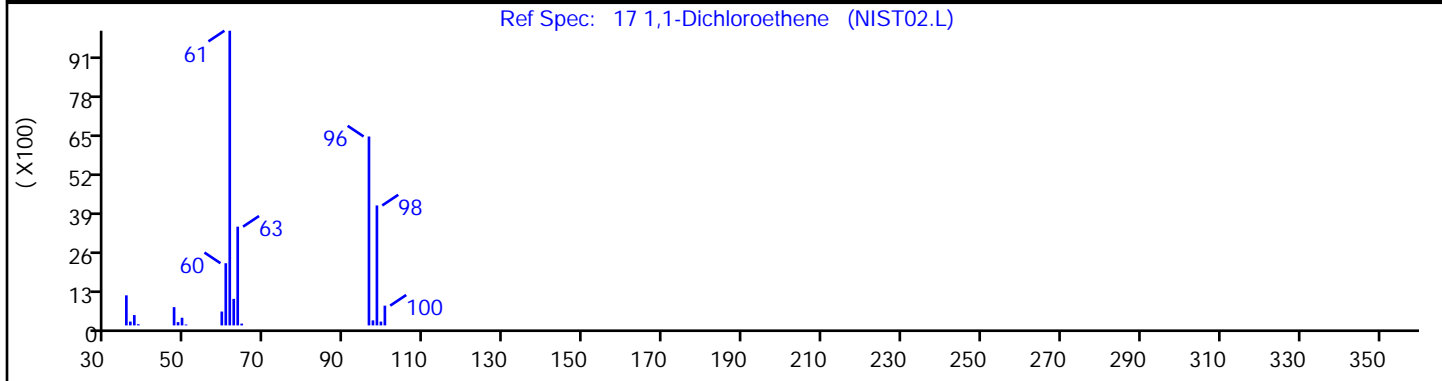
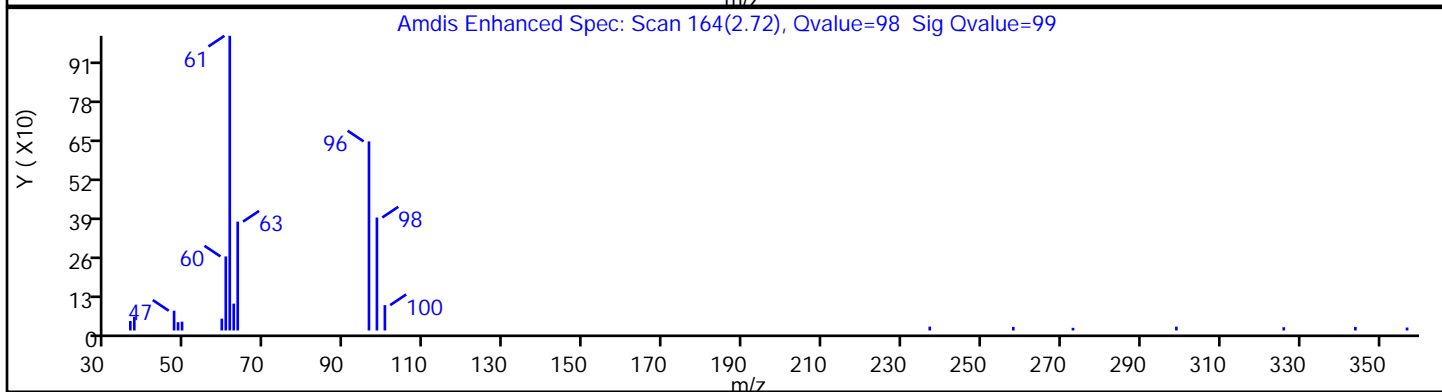
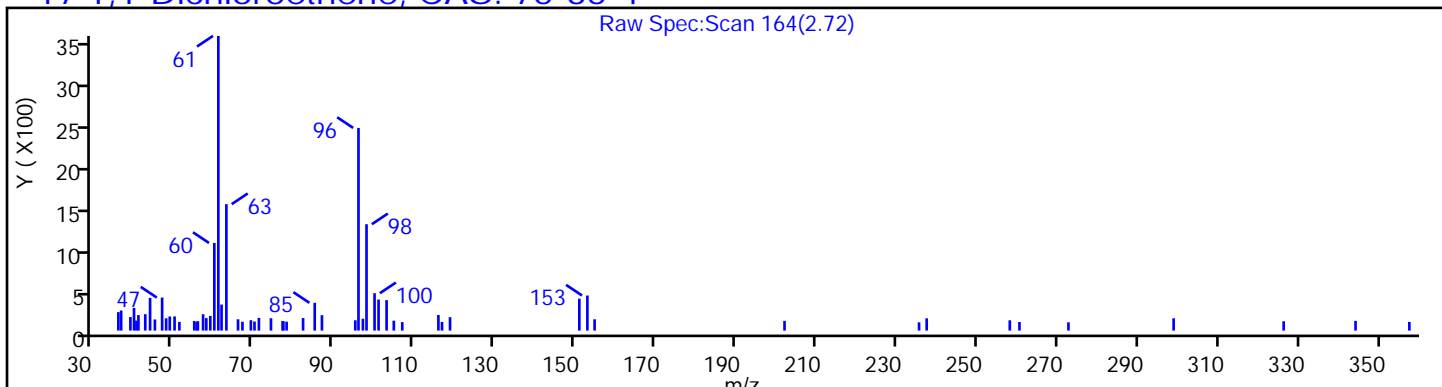
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

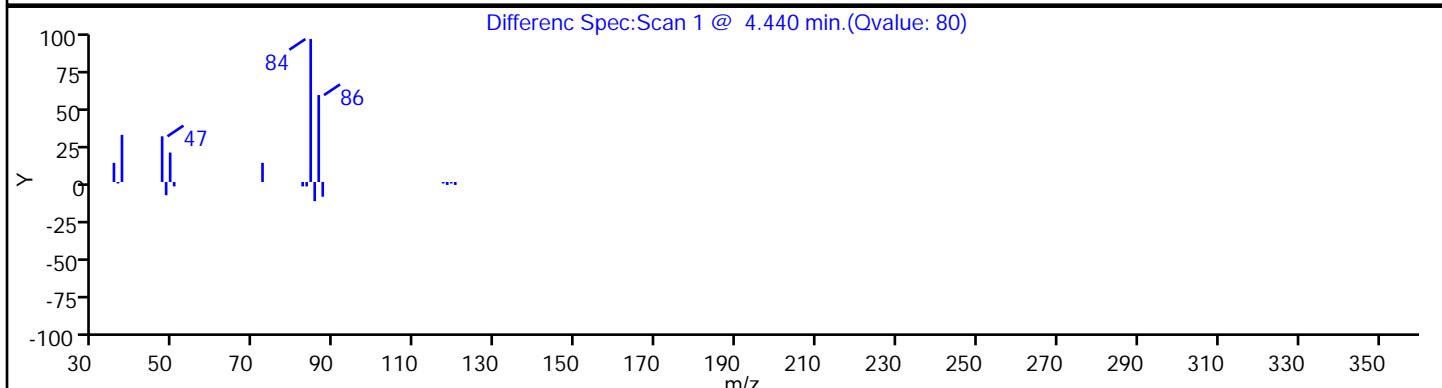
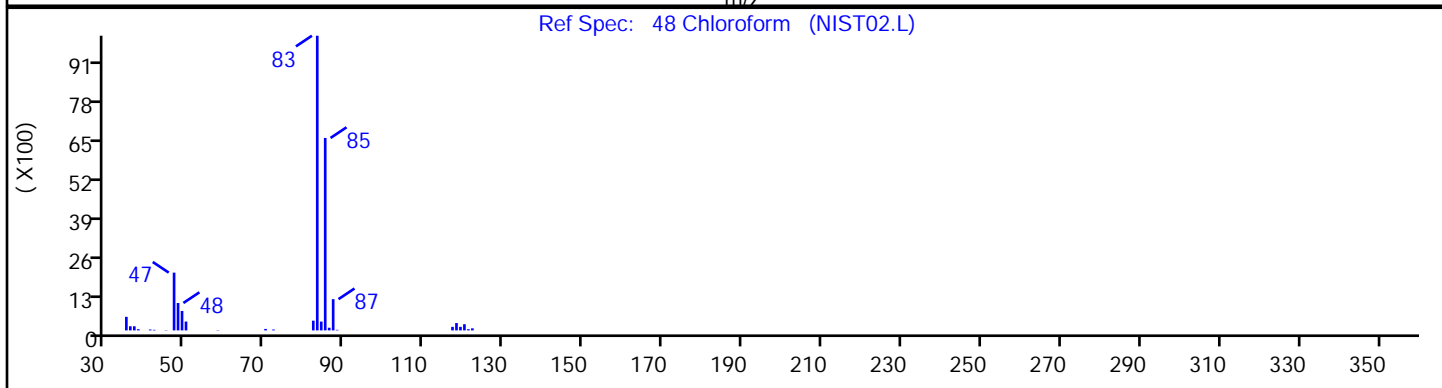
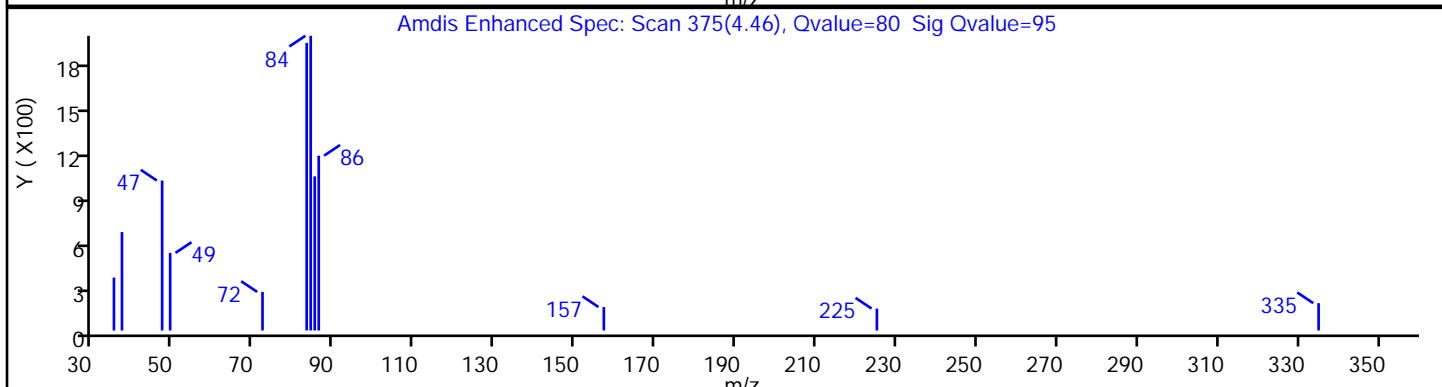
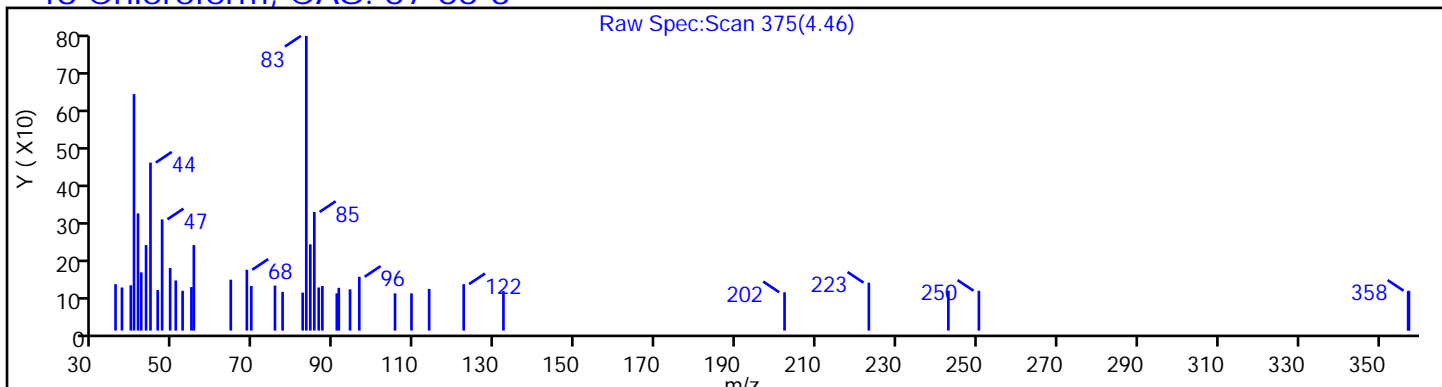
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

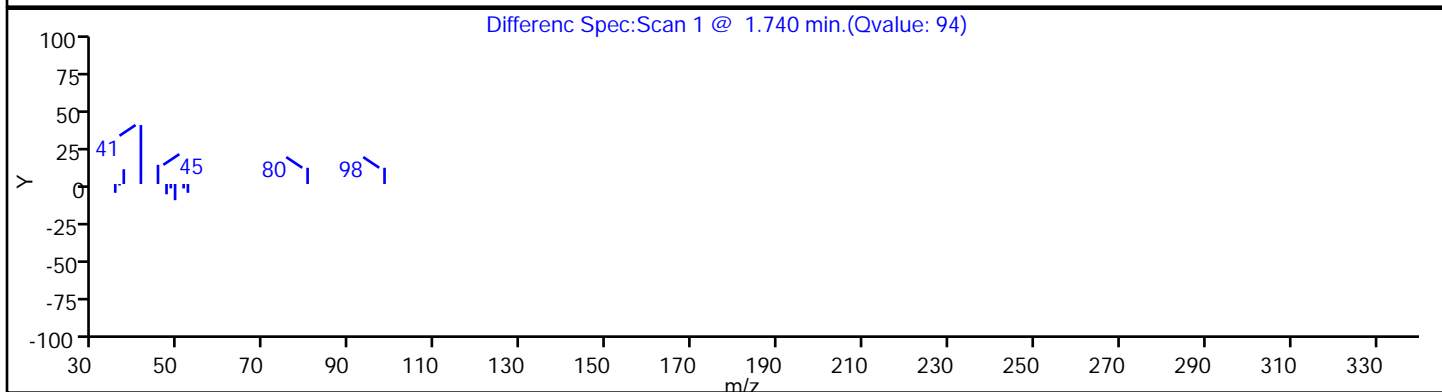
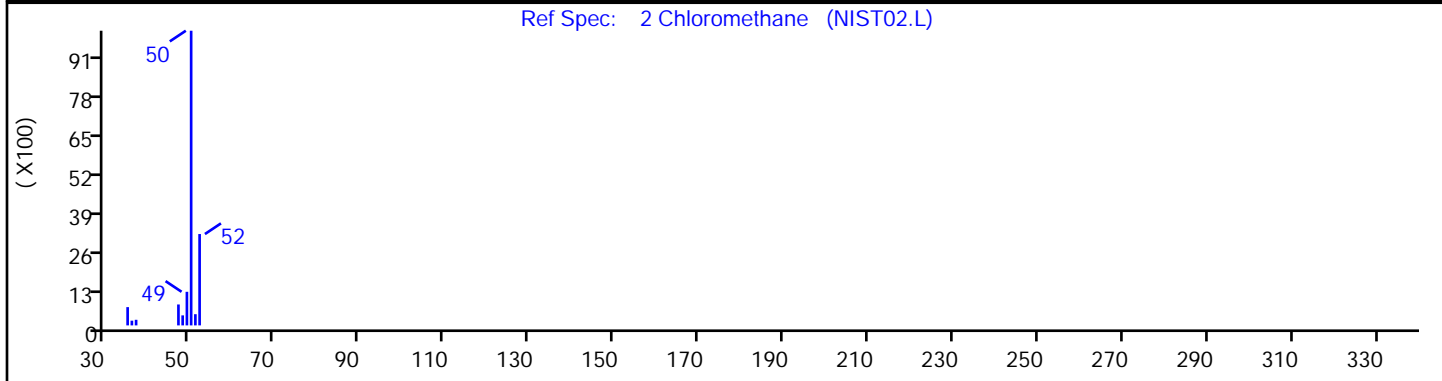
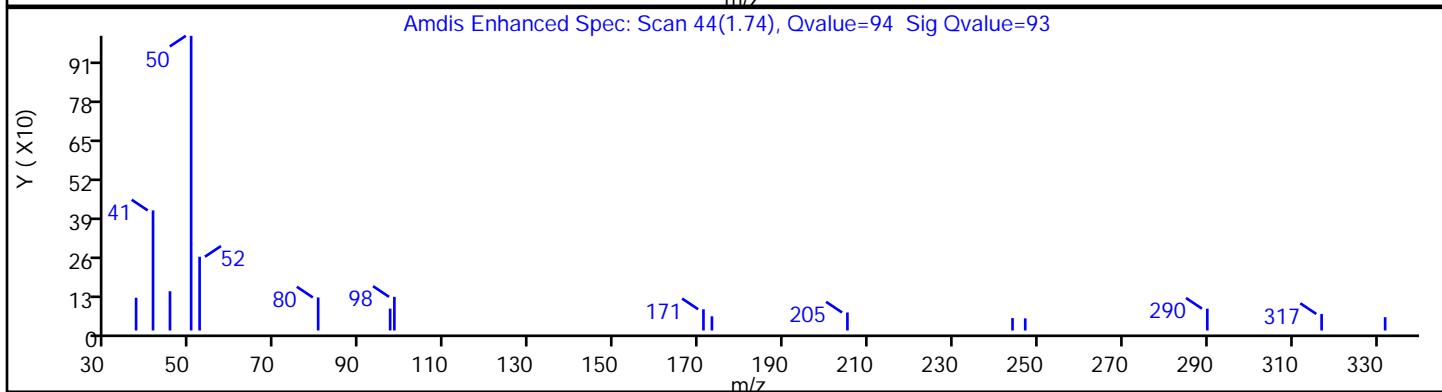
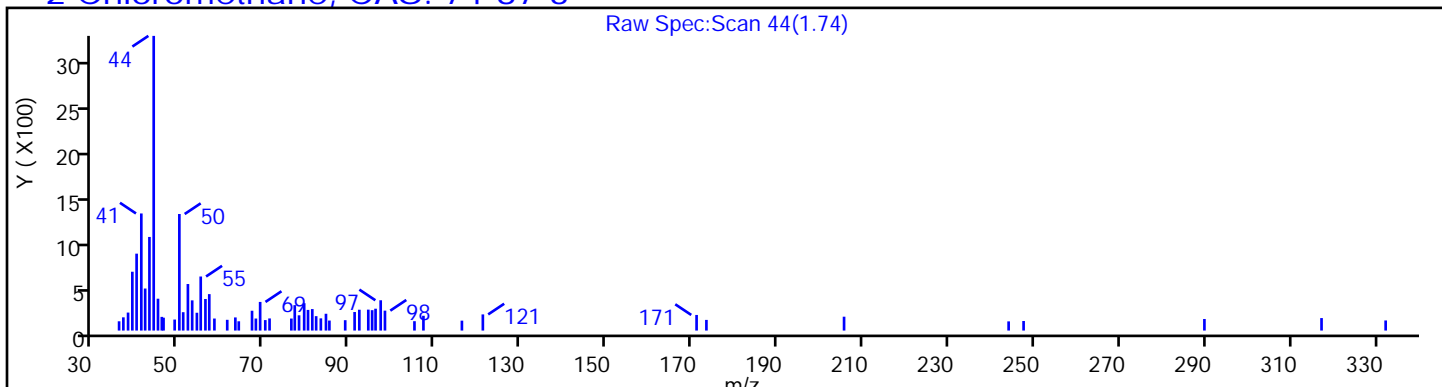
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

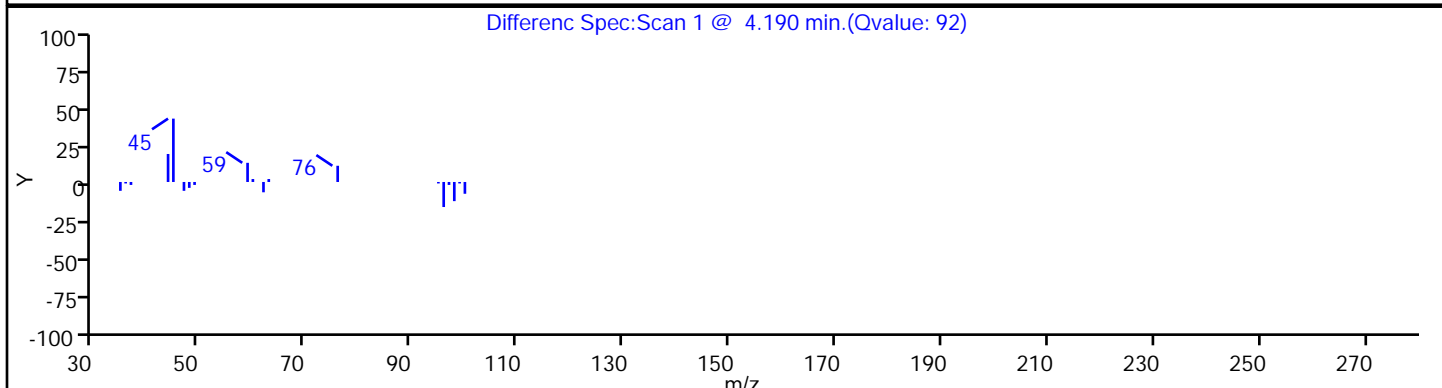
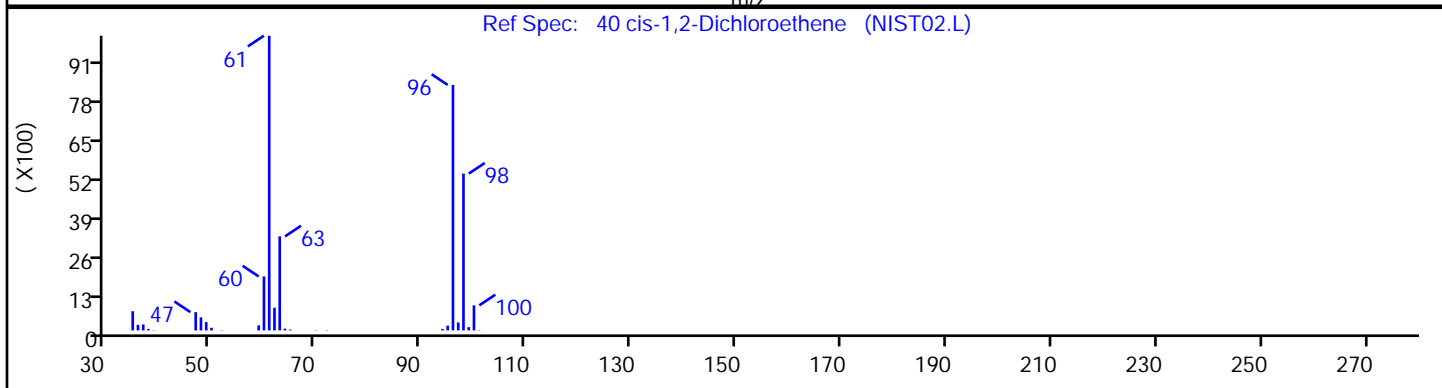
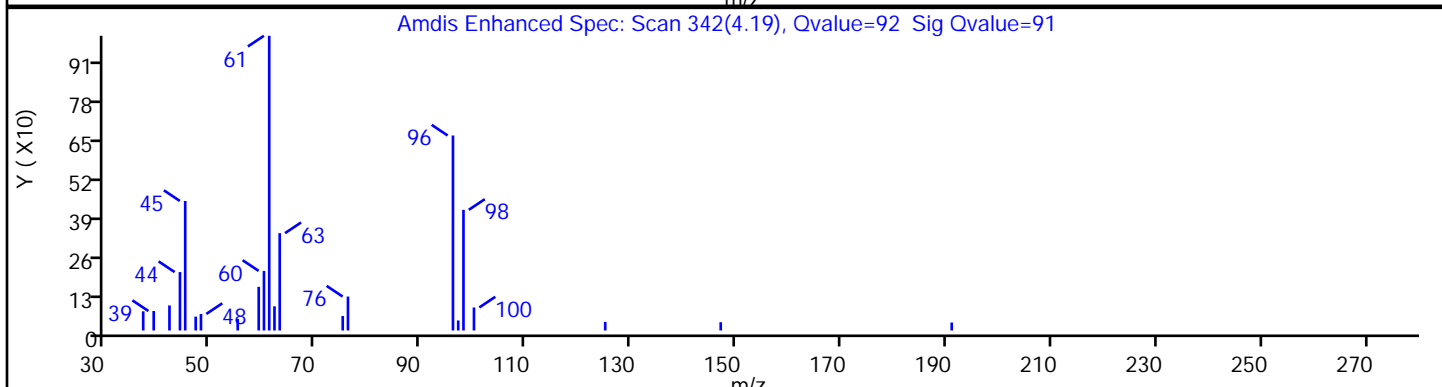
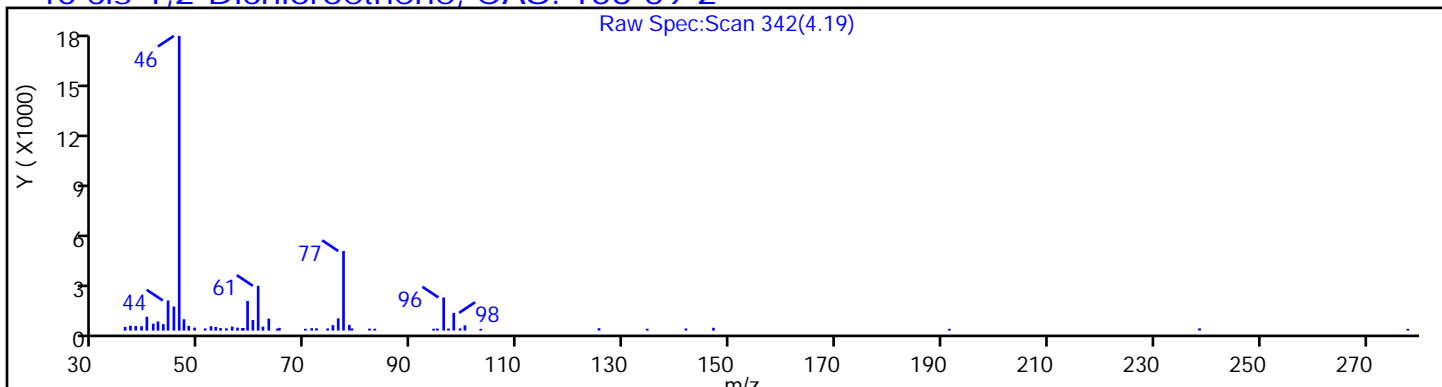
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

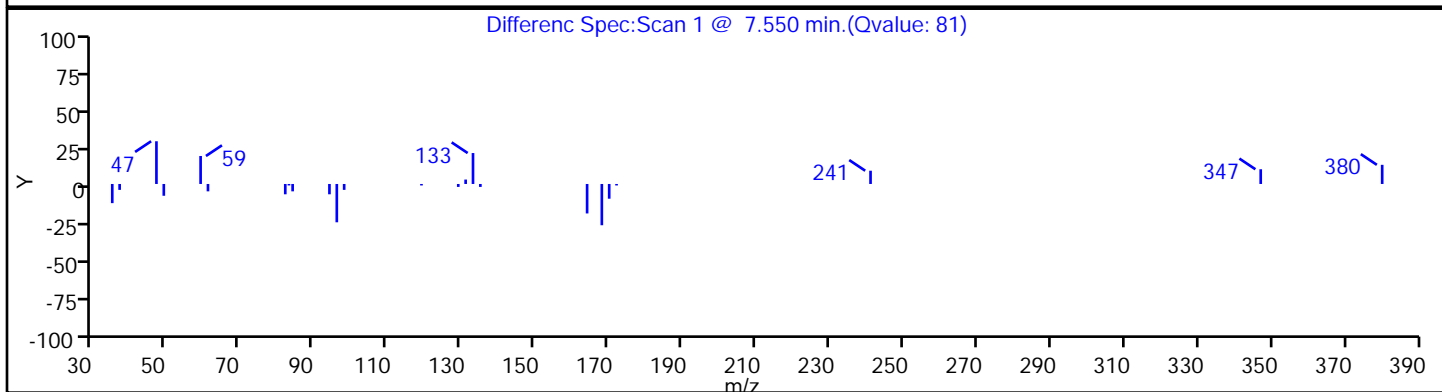
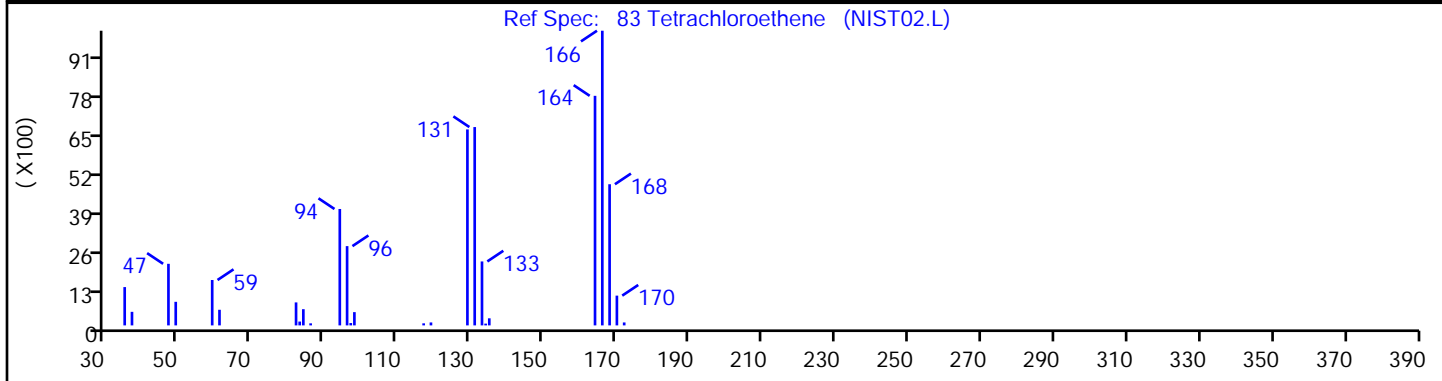
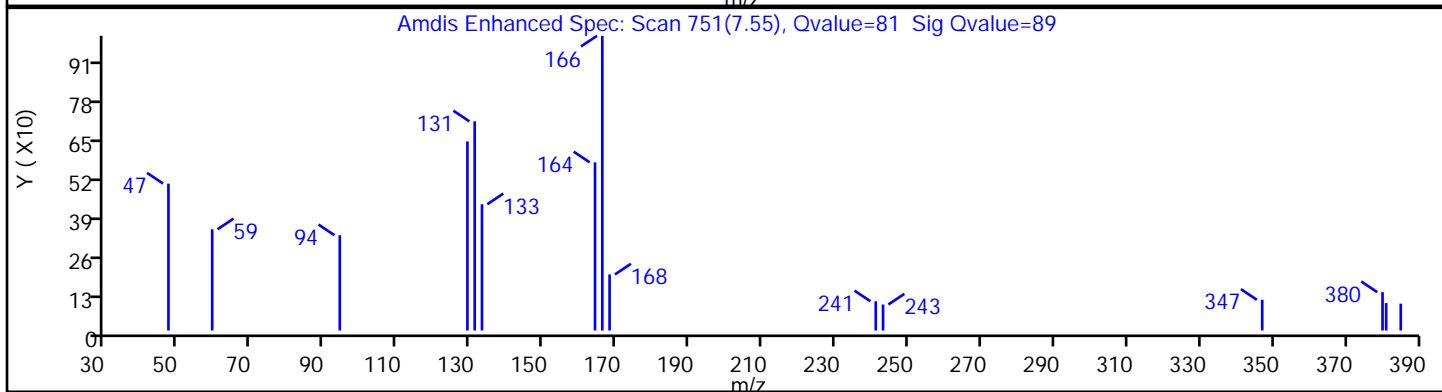
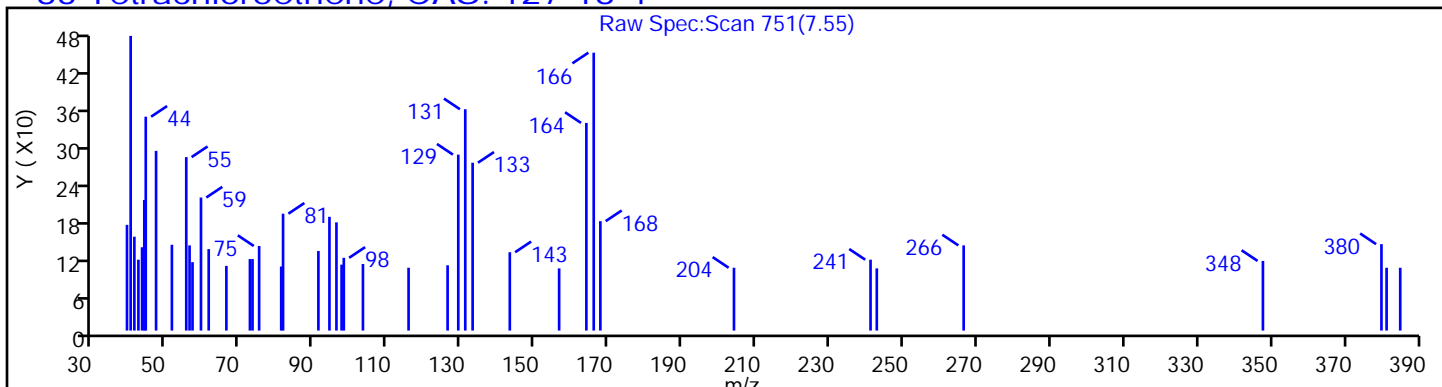
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

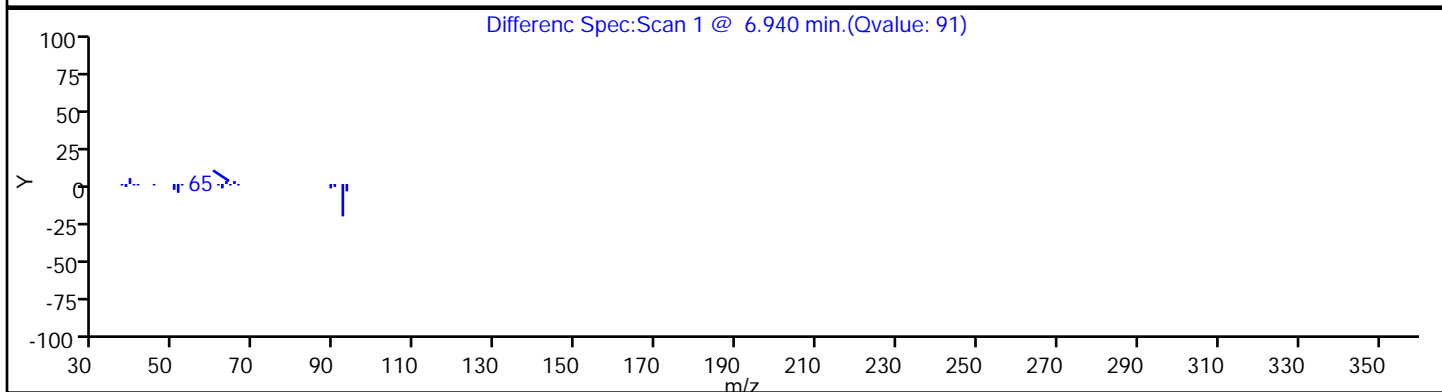
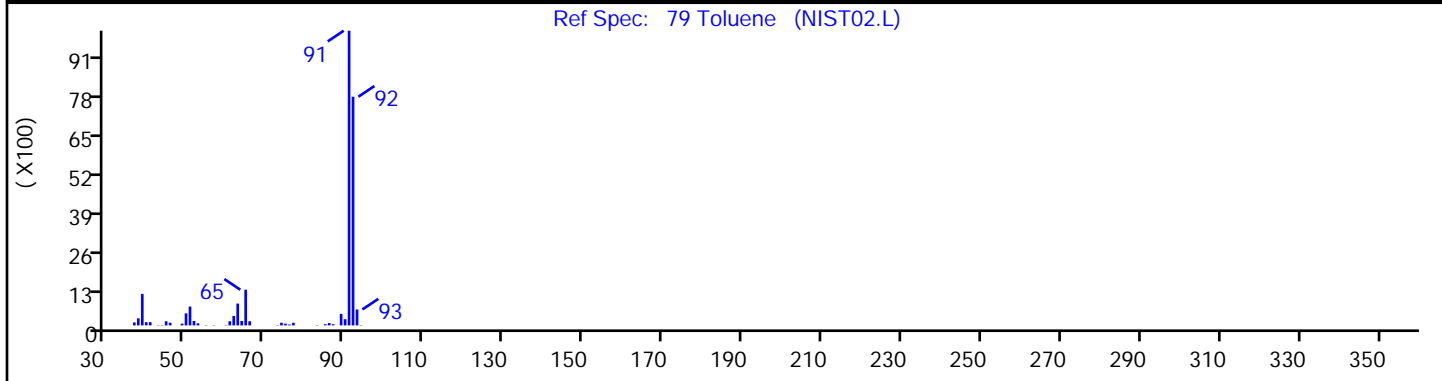
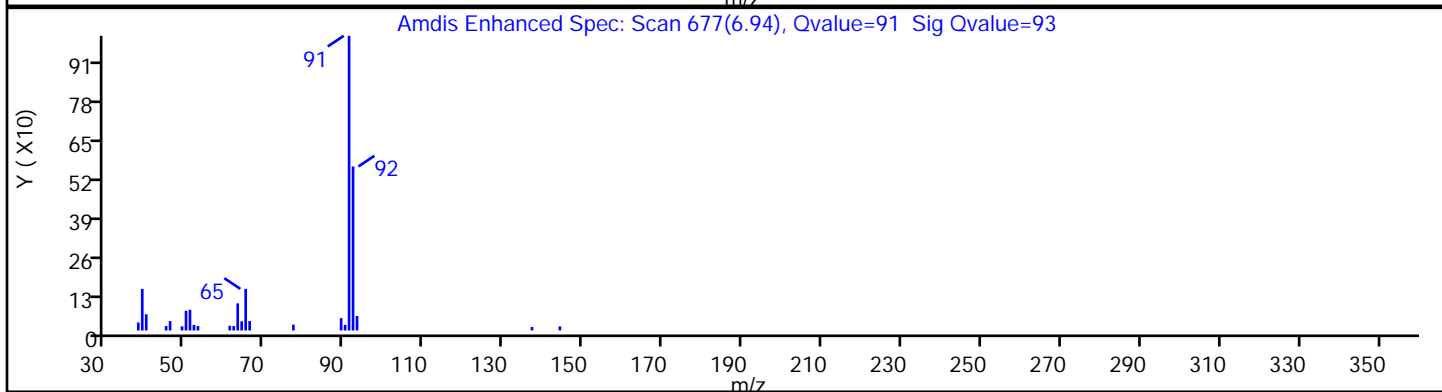
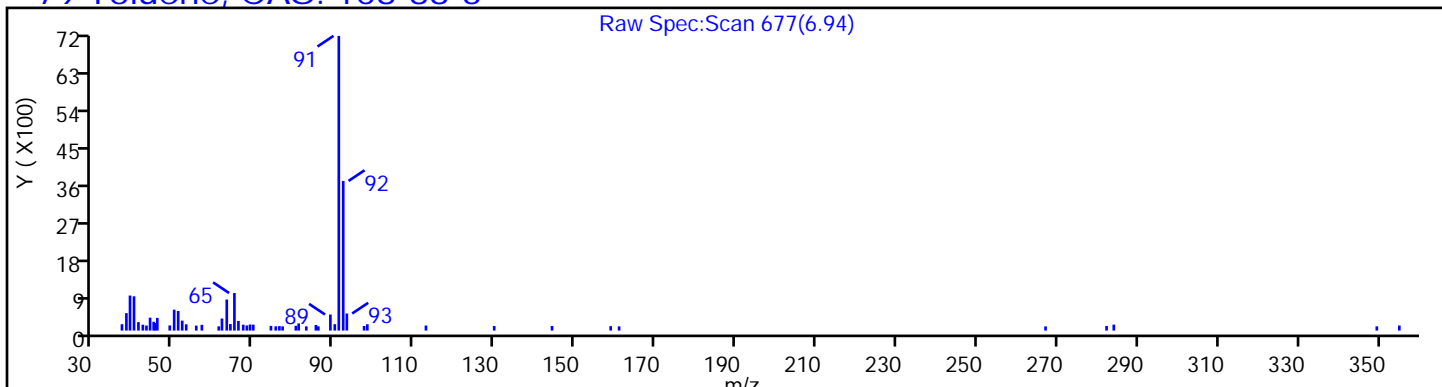
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

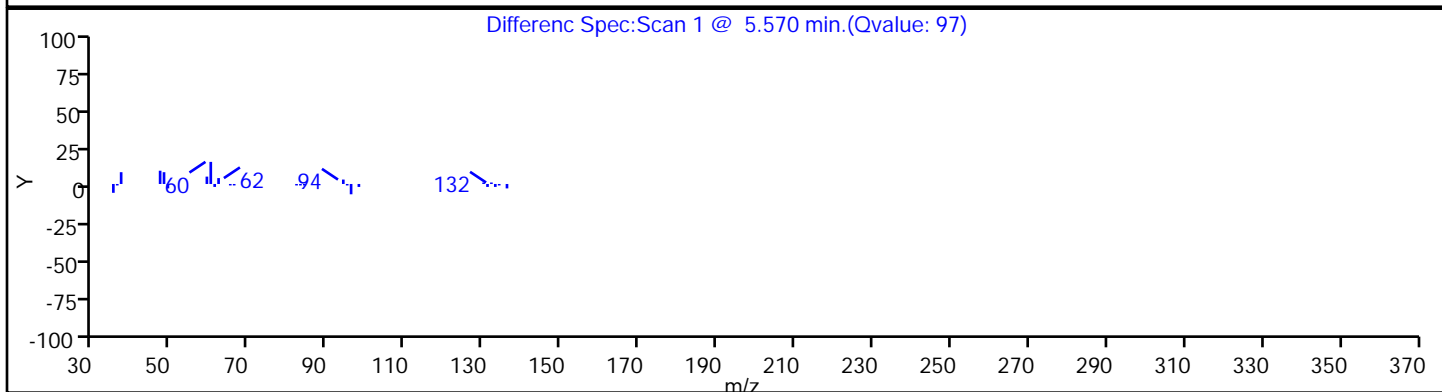
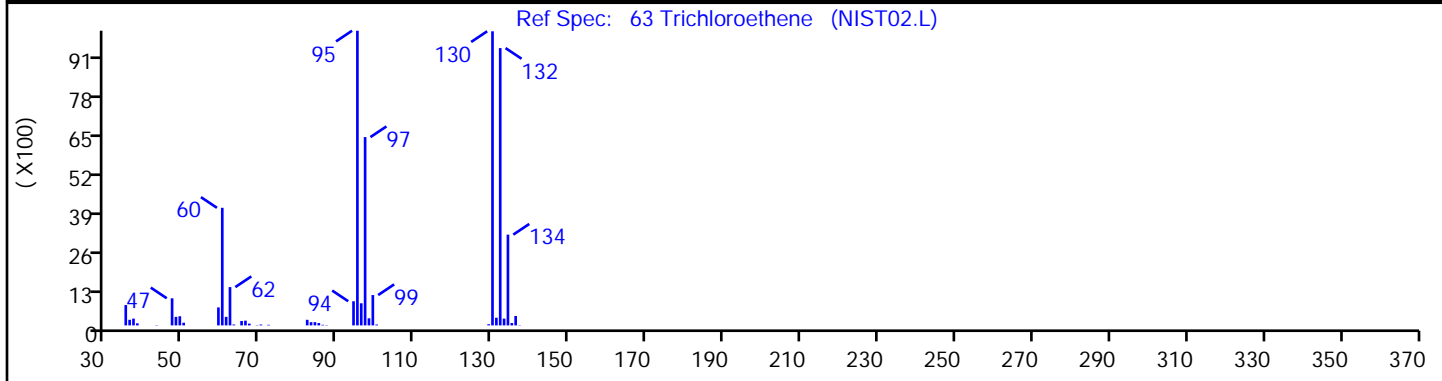
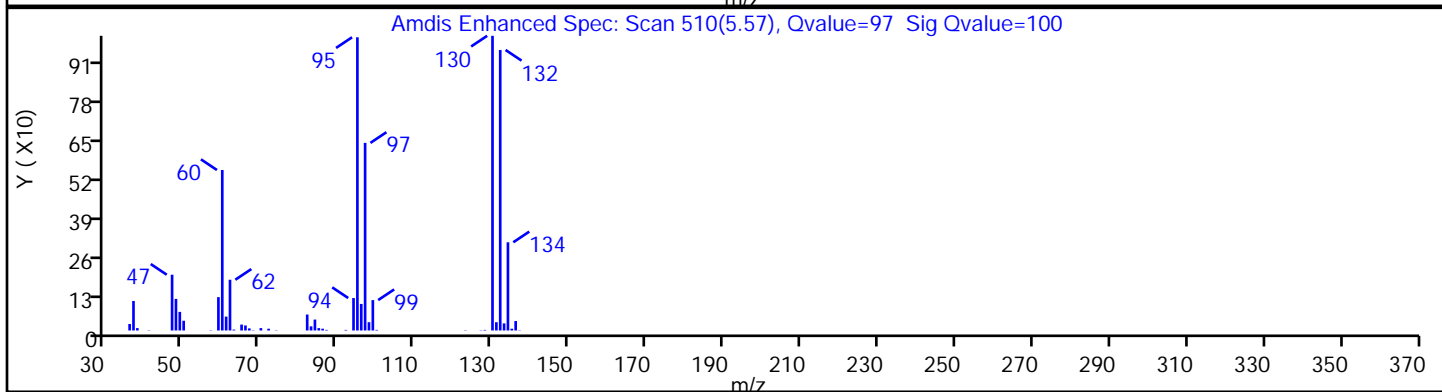
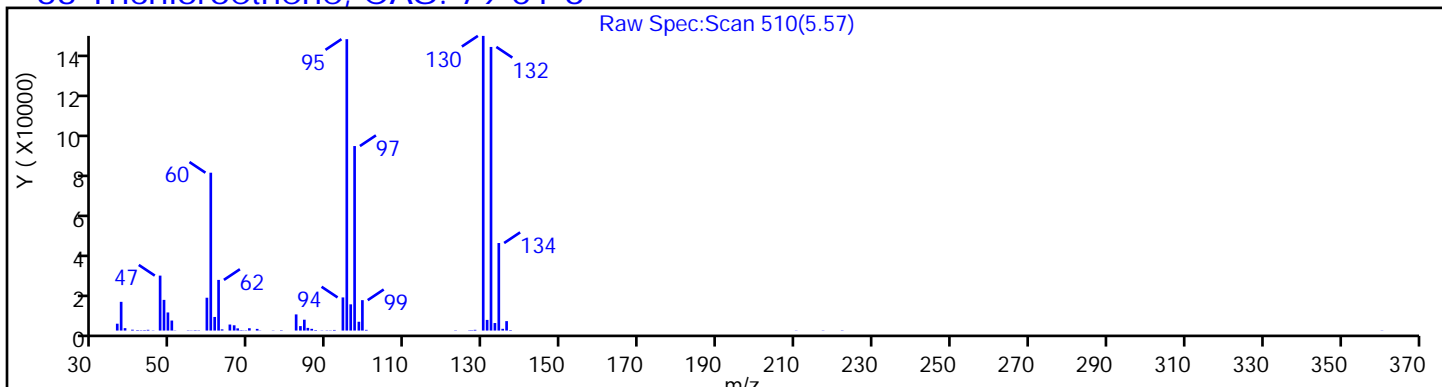
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

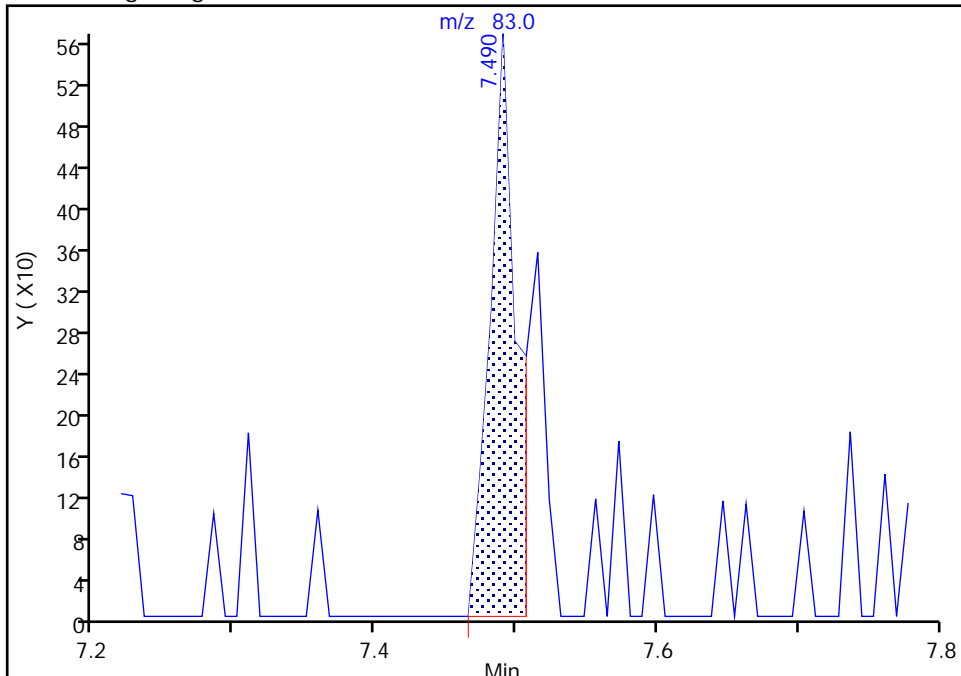
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Injection Date: 26-Aug-2020 17:29:30 Instrument ID: CVOAMS6
Lims ID: 460-216353-B-2 Lab Sample ID: 460-216353-2
Client ID: DEC6D1_20200817
Operator ID: ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

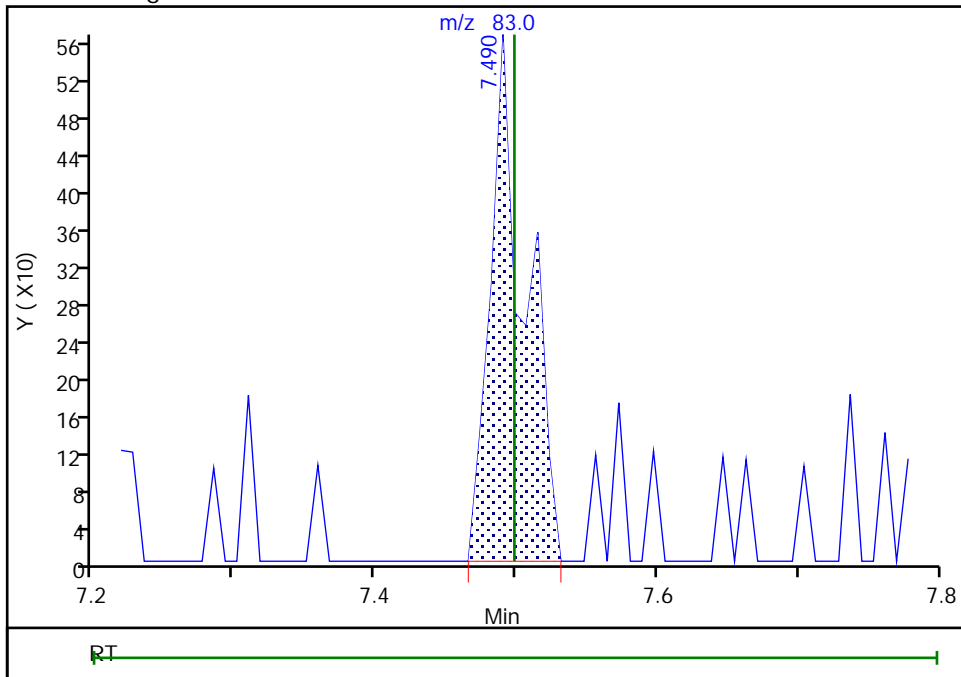
RT: 7.49
Area: 748
Amount: 0.662173
Amount Units: ug/l

Processing Integration Results



RT: 7.49
Area: 978
Amount: 0.865782
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:46:33
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#:

28

Worklist Smp#:

29

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

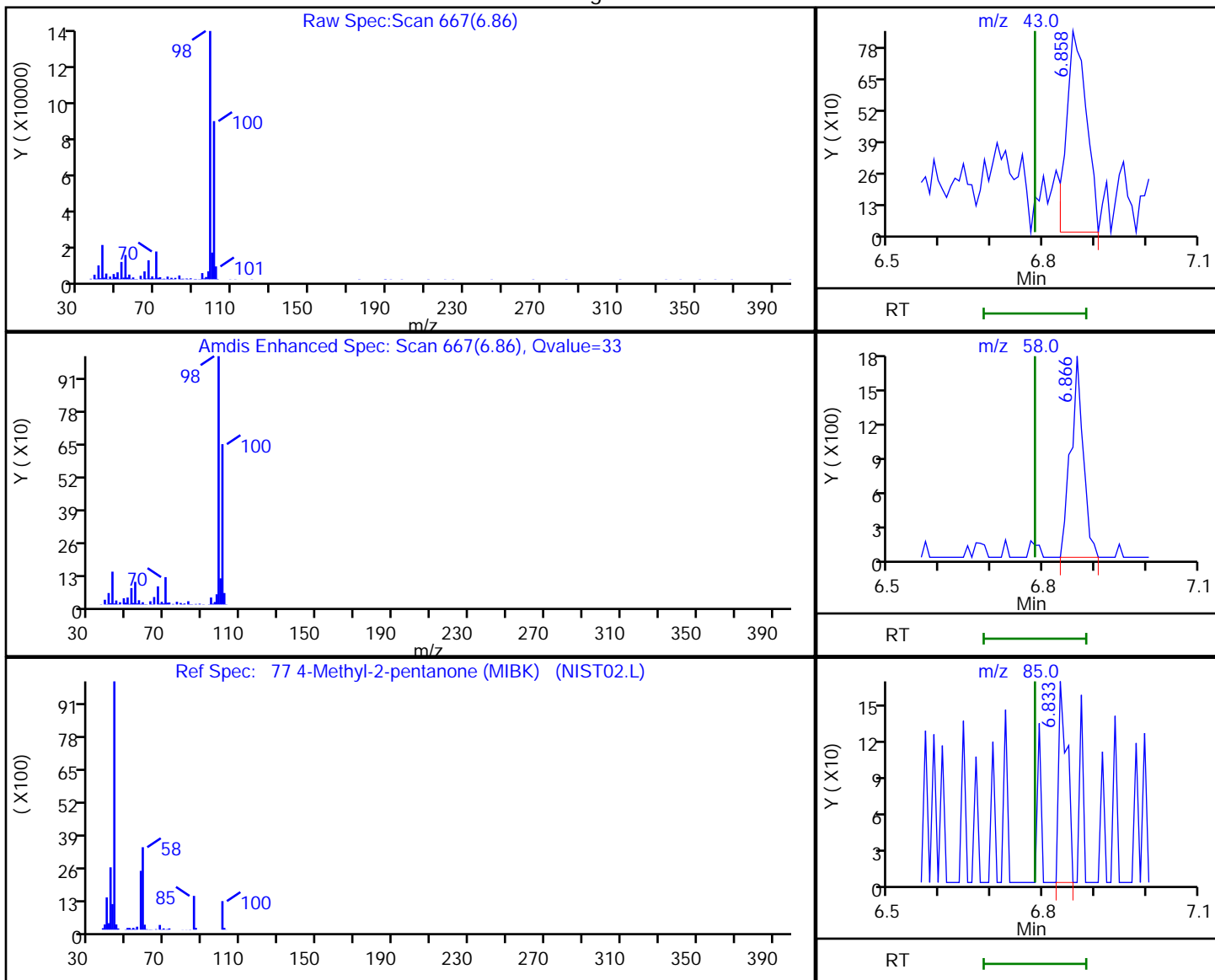
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.86	43.00	2264	1.219697
6.87	58.00	2993	
6.83	85.00	187	
6.87	100.00	206912	

Reviewer: xuyvo, 27-Aug-2020 10:46:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

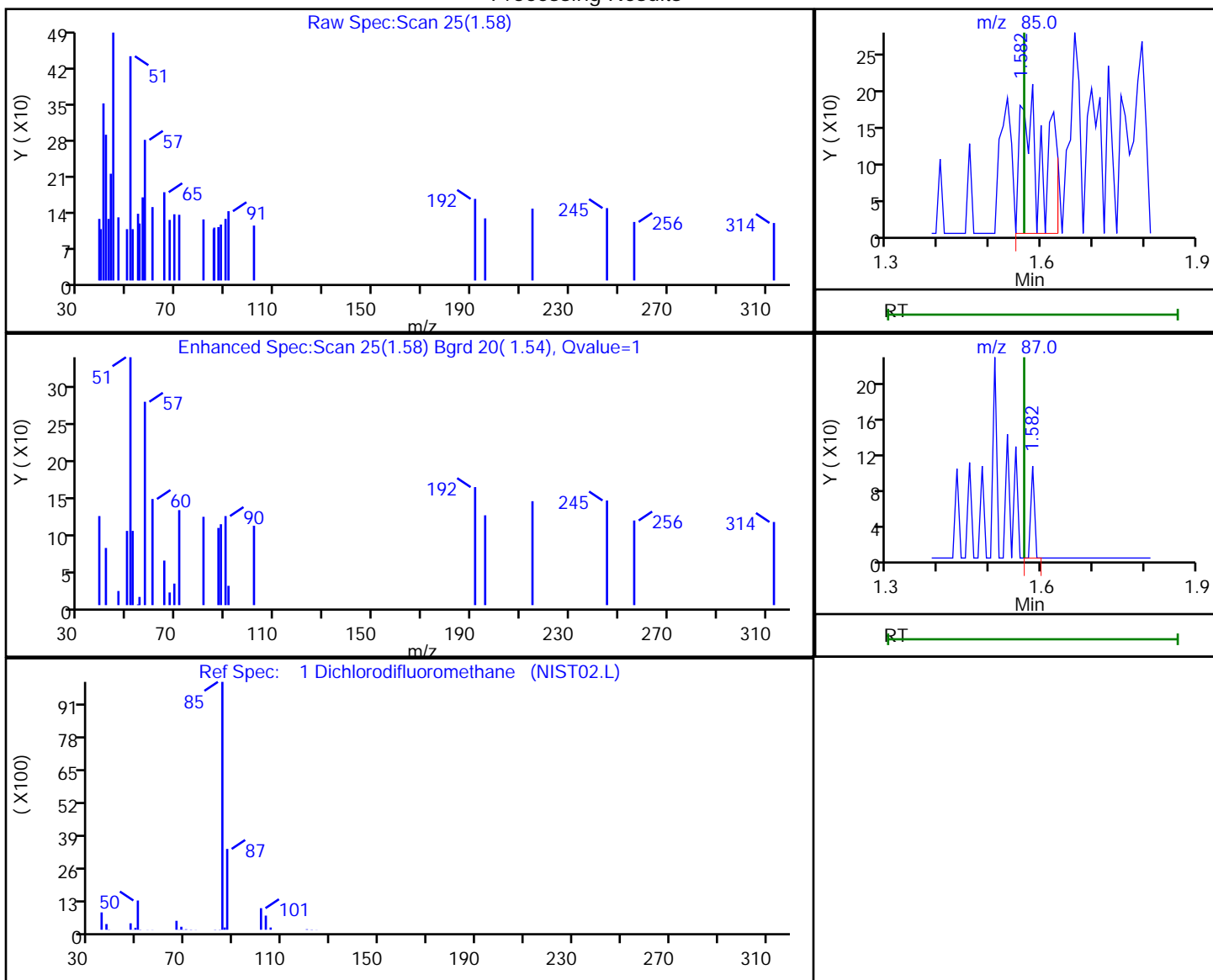
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.58	85.00	600	0.289873
1.58	87.00	51	

Reviewer: xuyvo, 27-Aug-2020 10:45:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003769.D

Injection Date: 26-Aug-2020 17:29:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-2

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 28 Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

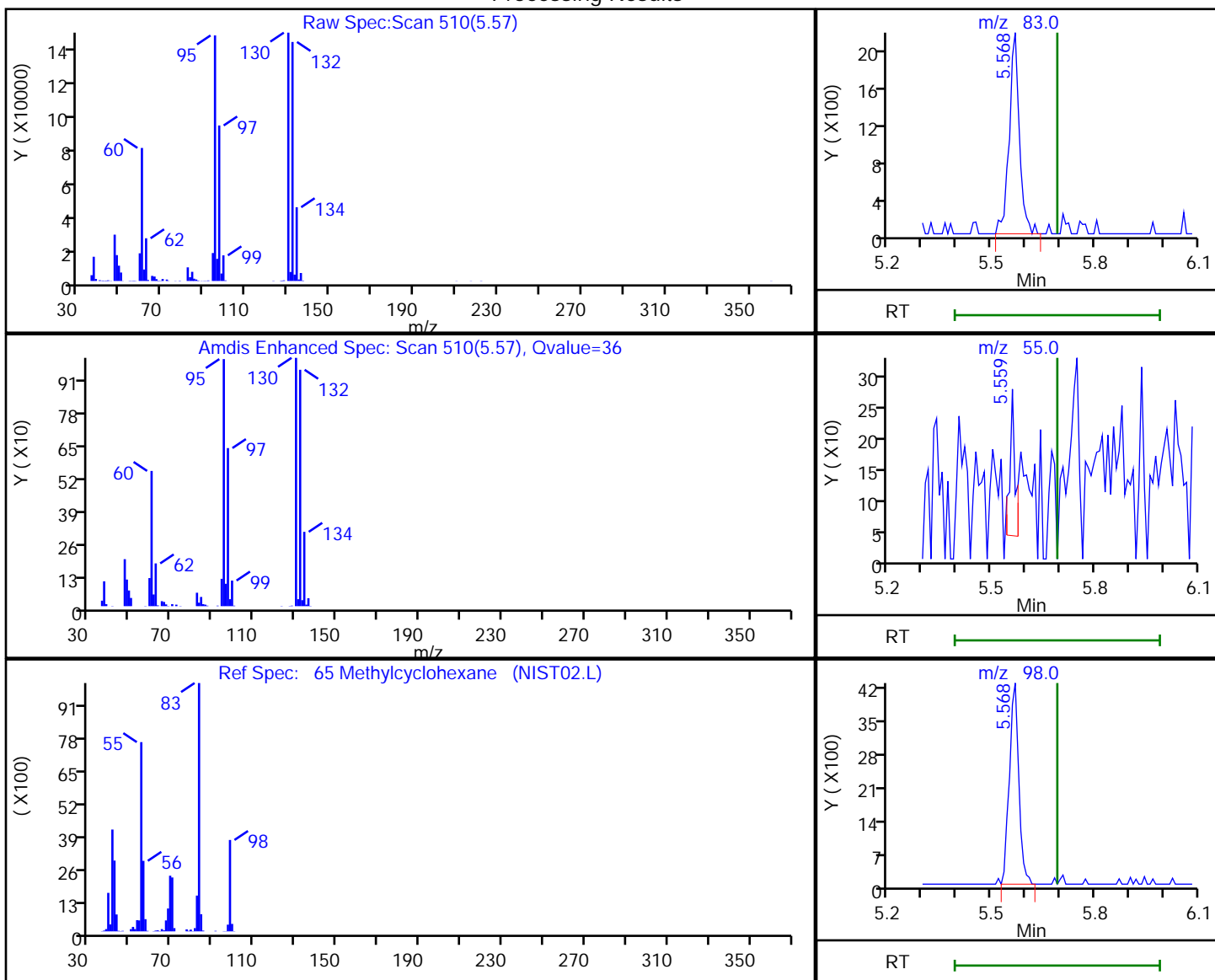
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.57	83.00	4487	1.651928
5.56	55.00	258	
5.57	98.00	8214	

Reviewer: xuyvo, 27-Aug-2020 10:46:09

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.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC4D1_20200818 Lab Sample ID: 460-216353-3
 Matrix: Water Lab File ID: F003770.D
 Analysis Method: 8260C Date Collected: 08/18/2020 11:35
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:54
 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.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.91	J	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	1.2		1.0	0.43
75-34-3	1,1-Dichloroethane	5.7		1.0	0.26
75-35-4	1,1-Dichloroethene	4.4		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
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
107-06-2	1,2-Dichloroethane	3.5		1.0	0.43
78-87-5	1,2-Dichloropropane	1.2		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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	3.2		1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	370		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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC4D1_20200818 Lab Sample ID: 460-216353-3
 Matrix: Water Lab File ID: F003770.D
 Analysis Method: 8260C Date Collected: 08/18/2020 11:35
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:54
 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.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	2.5		1.0	0.25
108-88-3	Toluene	0.53	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	1.9		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.40	J	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC4D1_20200818 Lab Sample ID: 460-216353-3
 Matrix: Water Lab File ID: F003770.D
 Analysis Method: 8260C Date Collected: 08/18/2020 11:35
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 17:54
 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.: 719629 Units: ug/L
 Number TICs Found: 1 TIC Result Total: 7

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
104-76-7	1-Hexanol, 2-ethyl-	11.00	7.0	J N	78%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D
 Lims ID: 460-216353-B-3
 Client ID: DEC4D1_20200818
 Sample Type: Client
 Inject. Date: 26-Aug-2020 17:54:30 ALS Bottle#: 29 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216353-B-3
 Misc. Info.: 460-0115773-030
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 11:44:08 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: xuyvo Date: 27-Aug-2020 11:44:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Vinyl chloride	62	1.821	1.821	0.000	10	1162	0.3997	
17 1,1-Dichloroethene	96	2.716	2.716	0.000	96	6280	4.44	
* 27 TBA-d9 (IS)	65	3.119	3.119	0.000	0	149855	1000.0	
30 trans-1,2-Dichloroethene	96	3.300	3.300	0.000	86	2815	1.85	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	15026	5.70	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	194146	250.0	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	97	624400	366.6	
48 Chloroform	83	4.450	4.458	-0.008	94	8145	3.18	
50 1,1,1-Trichloroethane	97	4.606	4.598	0.008	35	2100	0.9134	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	94	69395	48.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	90814	47.9	
59 1,2-Dichloroethane	62	5.033	5.025	0.008	95	7374	3.52	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	285150	50.0	
63 Trichloroethene	95	5.567	5.567	0.000	96	2290026	1510.7	E
66 1,2-Dichloropropane	63	5.847	5.847	0.000	86	1941	1.24	
* 67 1,4-Dioxane-d8	96	5.904	5.904	0.000	0	13014	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	306491	52.8	
79 Toluene	91	6.940	6.940	0.000	90	3300	0.5283	
82 1,1,2-Trichloroethane	83	7.507	7.498	0.009	84	1274	1.17	
83 Tetrachloroethene	166	7.540	7.540	0.000	91	3202	2.46	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	202879	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	82740	48.6	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	108847	50.0	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Reagents:

VOA6IS/SURR_00039

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D
 Lims ID: 460-216353-B-3
 Client ID: DEC4D1_20200818
 Sample Type: Client
 Inject. Date: 26-Aug-2020 17:54:30 ALS Bottle#: 29 Worklist Smp#: 30
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216353-B-3
 Misc. Info.: 460-0115773-030
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 11:44:08 Calib Date: 24-Aug-2020 23:56:30
 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: CTX1031
 First Level Reviewer: xuyvo Date: 27-Aug-2020 11:44:08

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
10.999	102236	6.96	116	78	13218	C8H18O	130	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 116 1,4-Dichlorobenzene-d4	10.851	734844	50.0

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00039 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Worklist Smp#: 30

Client ID: DEC4D1_20200818

Purge Vol: 5.000 mL

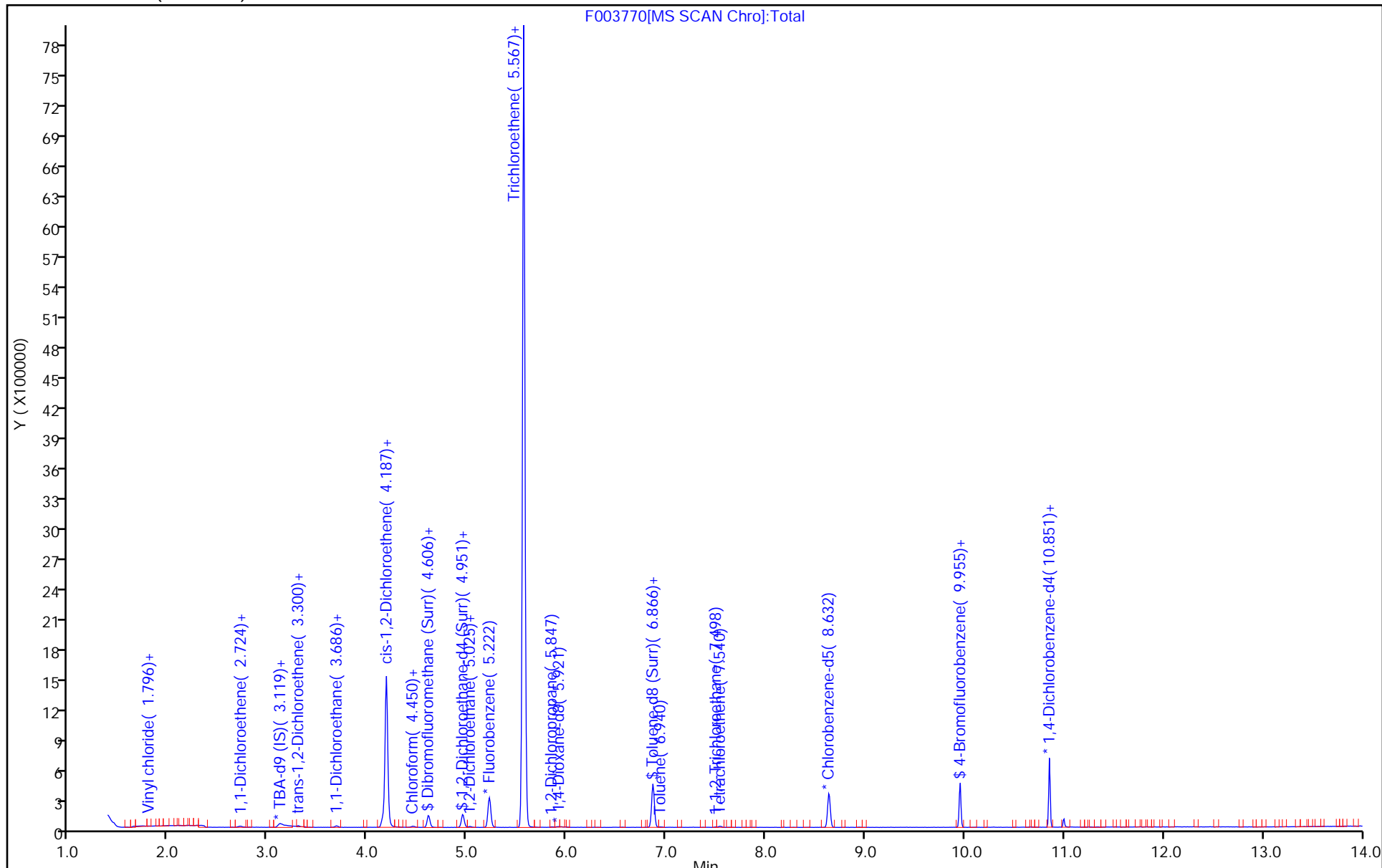
Dil. Factor: 1.0000

ALS Bottle#: 29

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

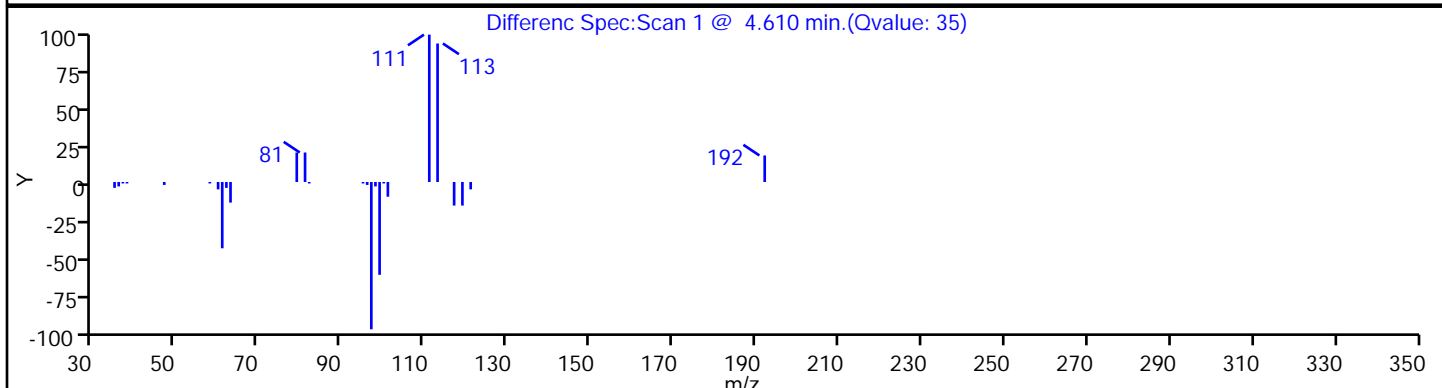
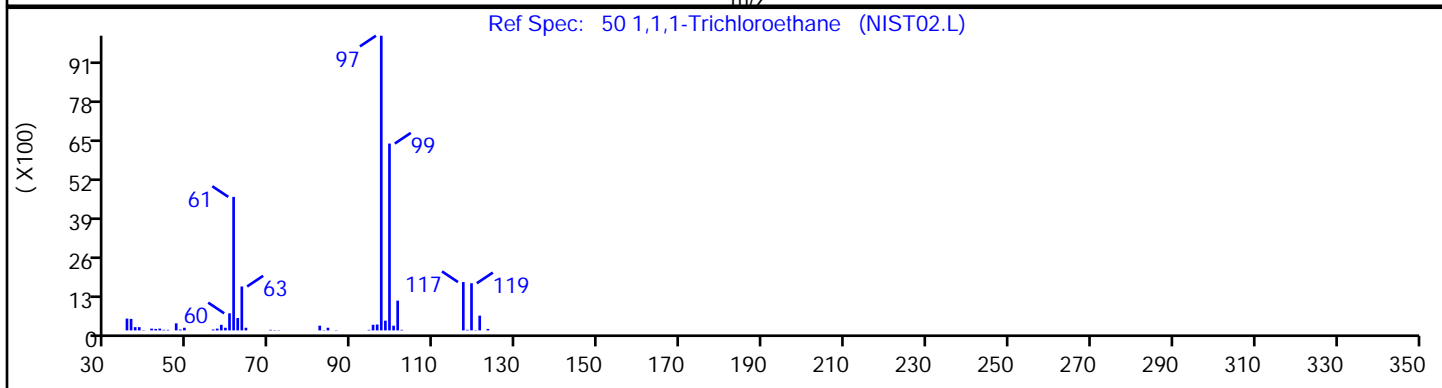
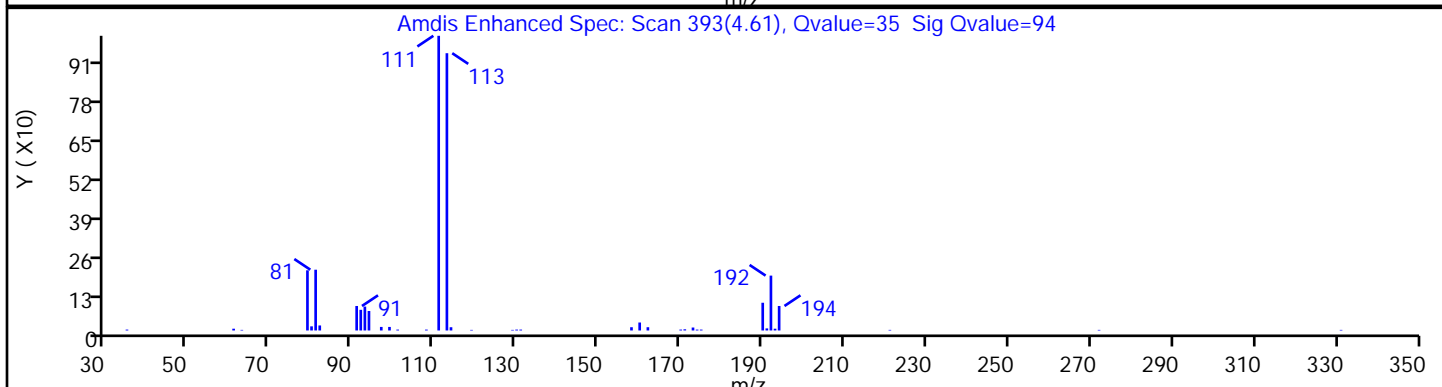
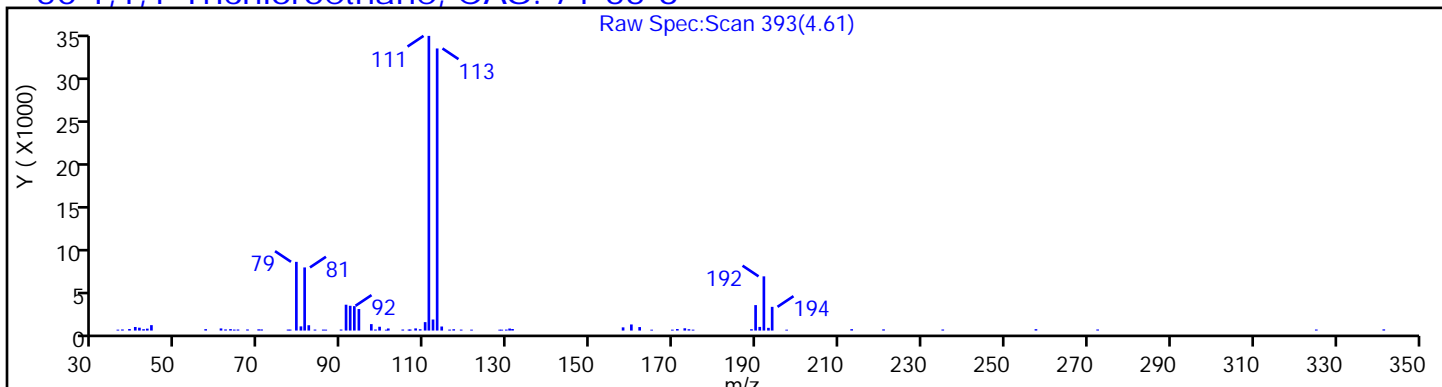
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

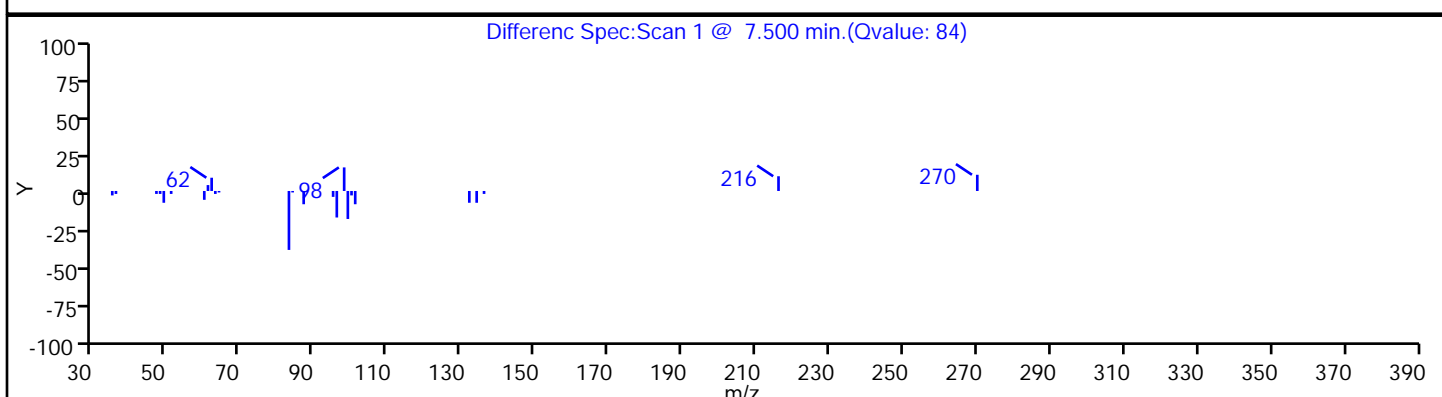
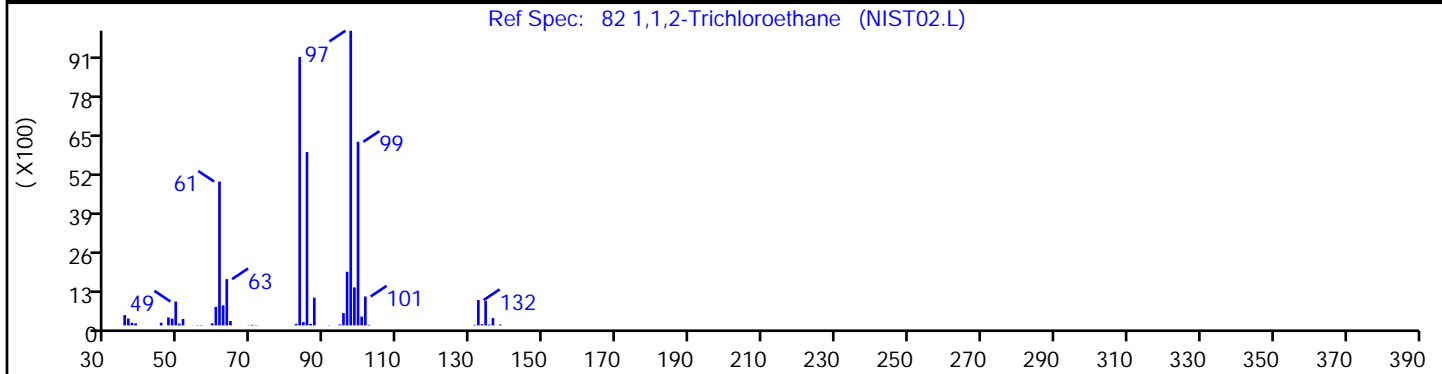
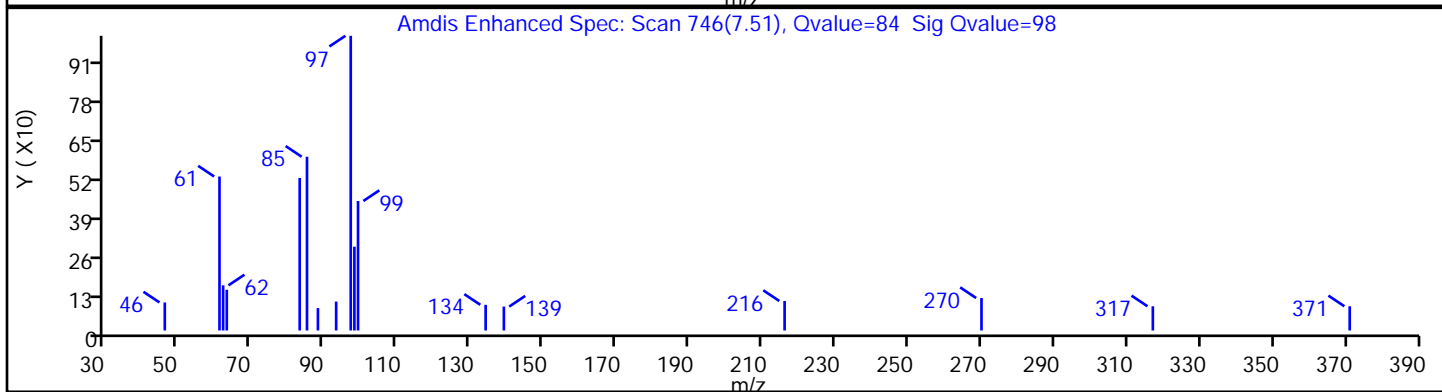
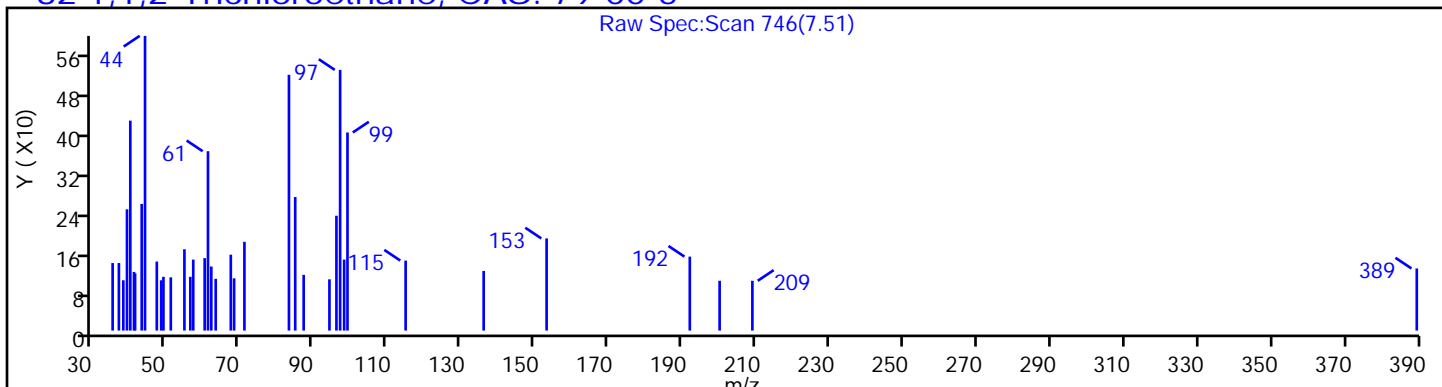
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

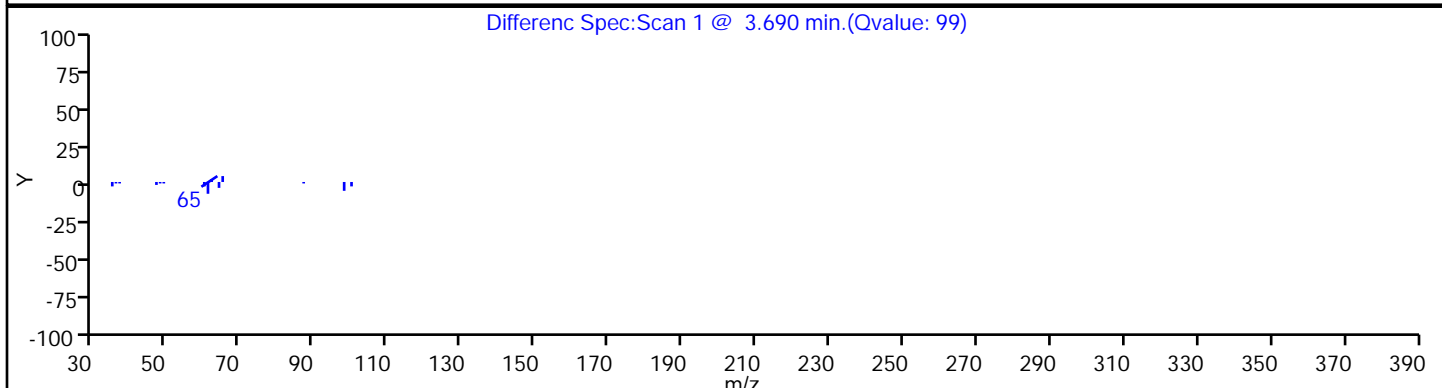
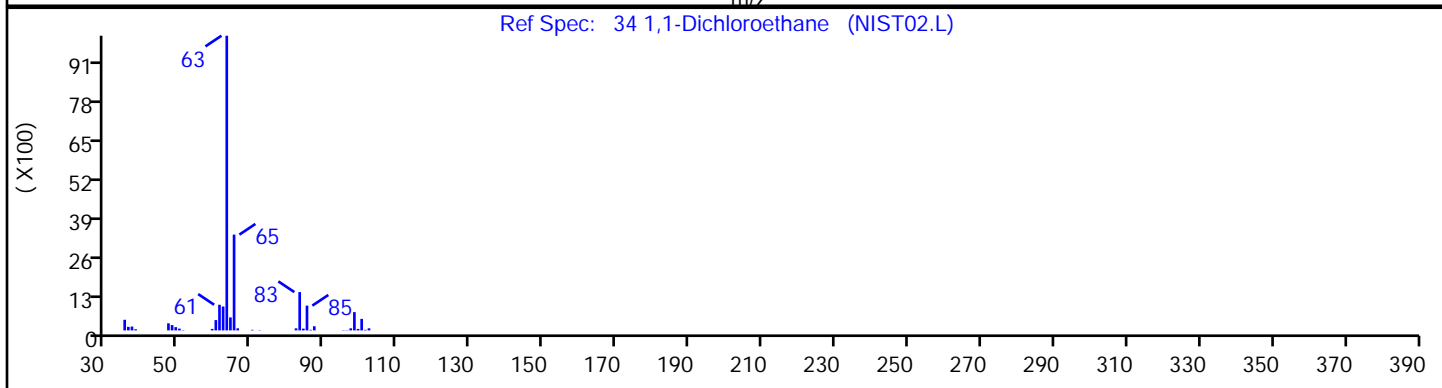
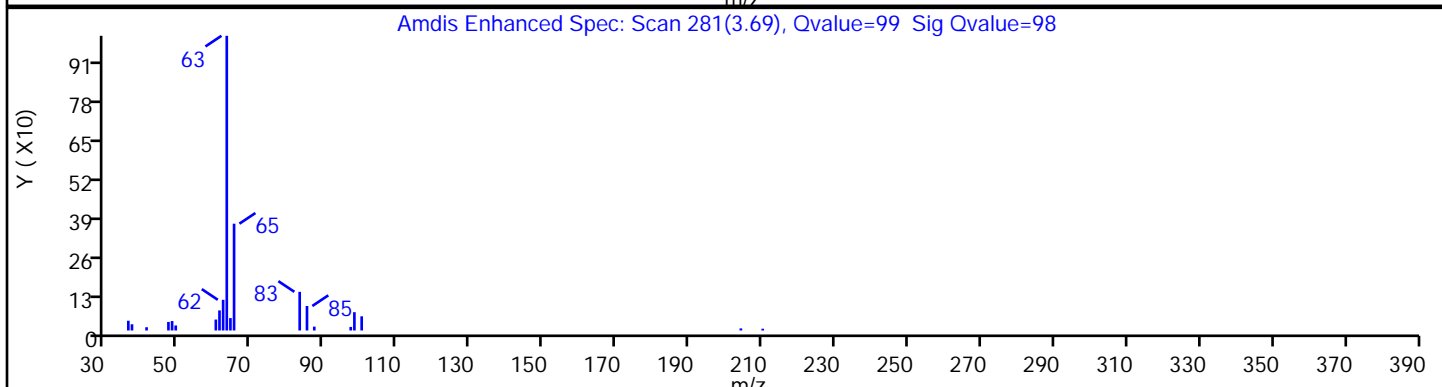
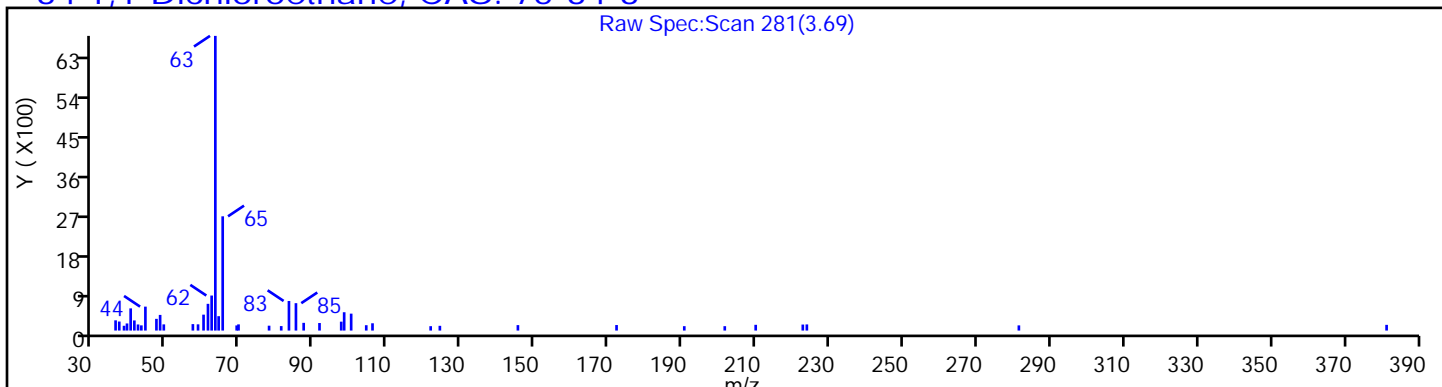
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

34 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

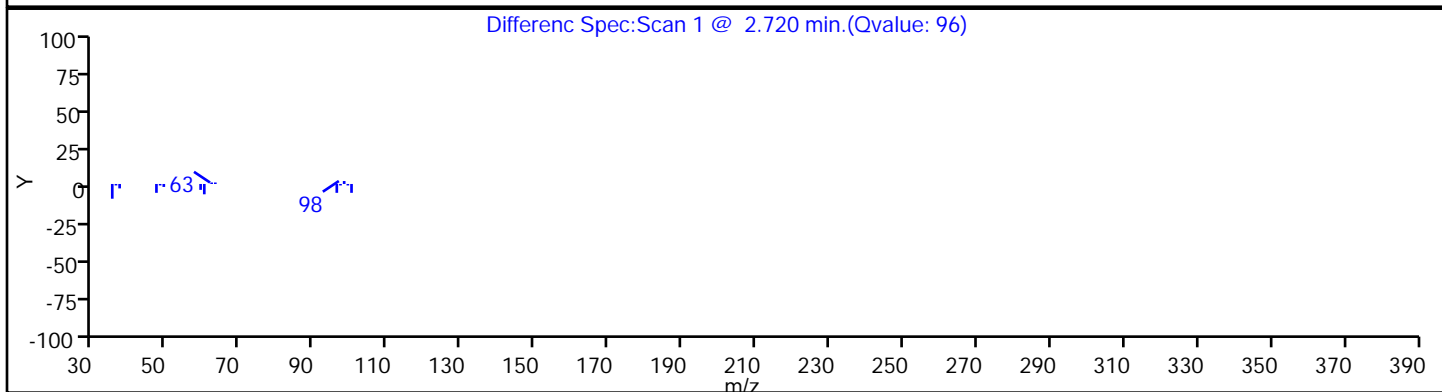
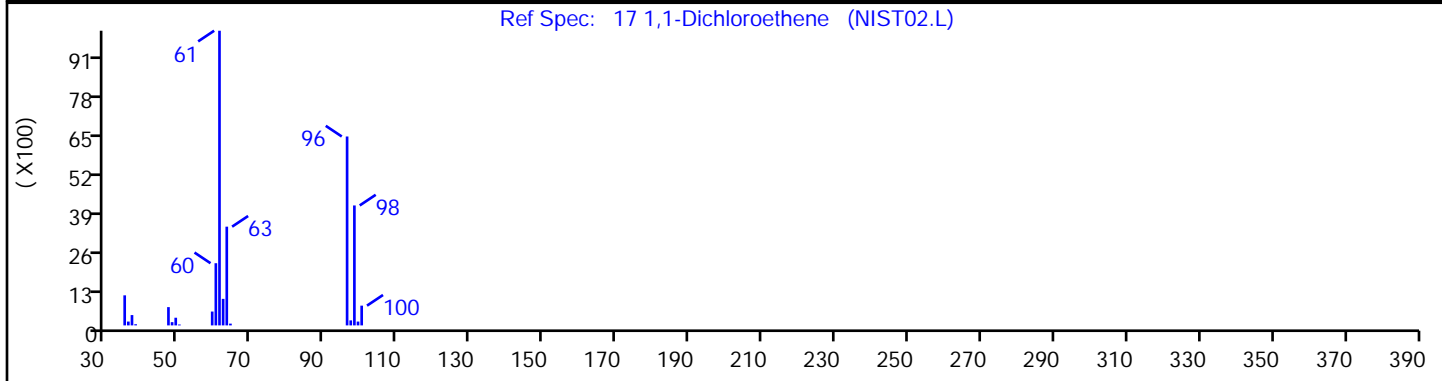
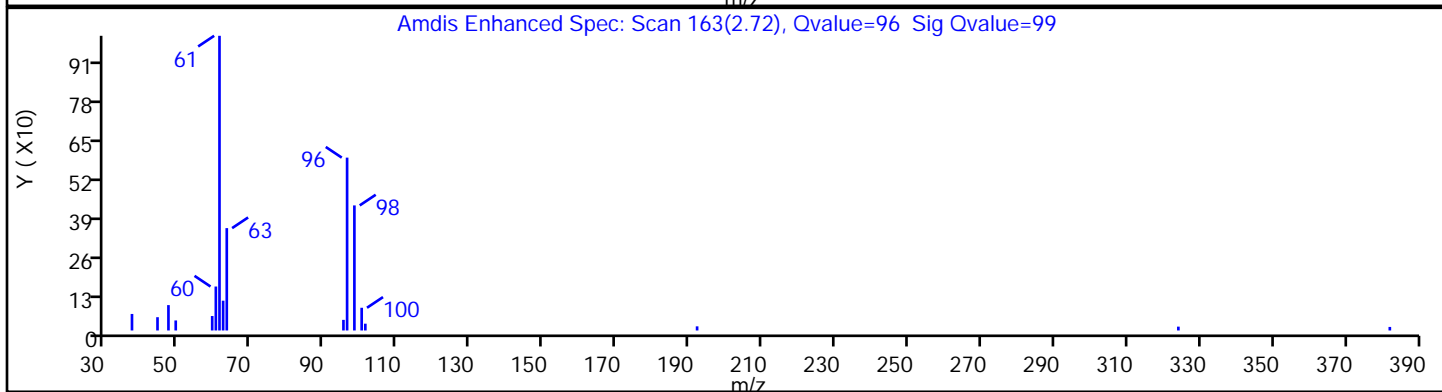
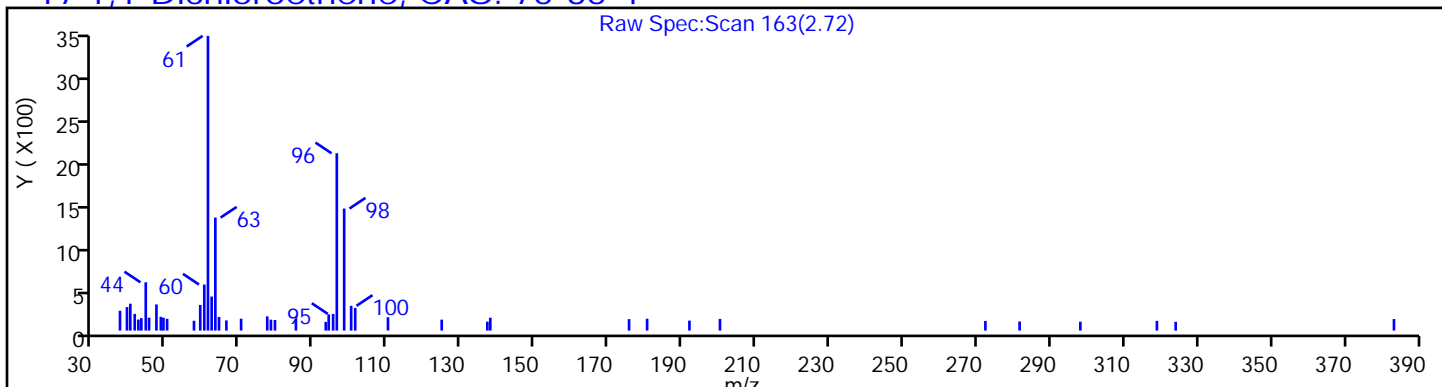
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

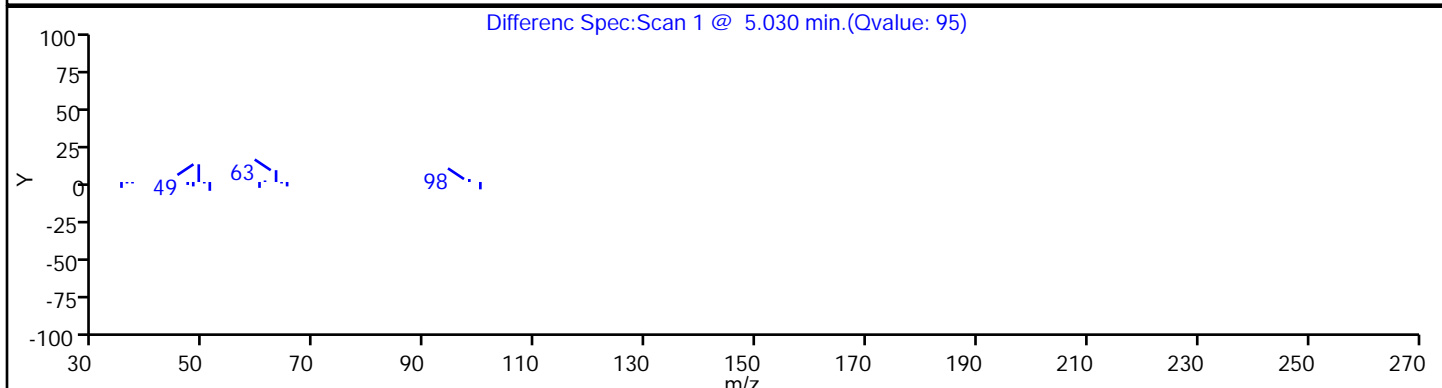
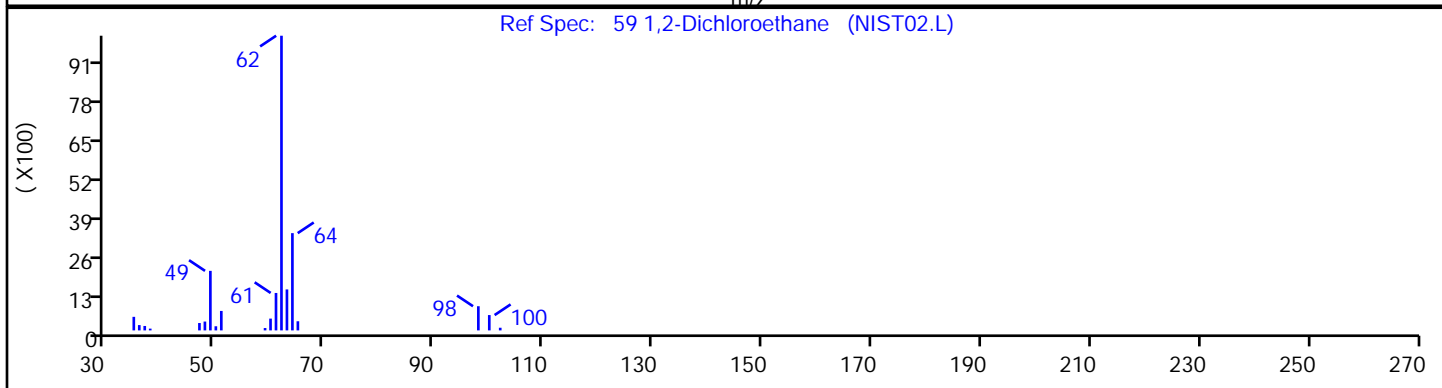
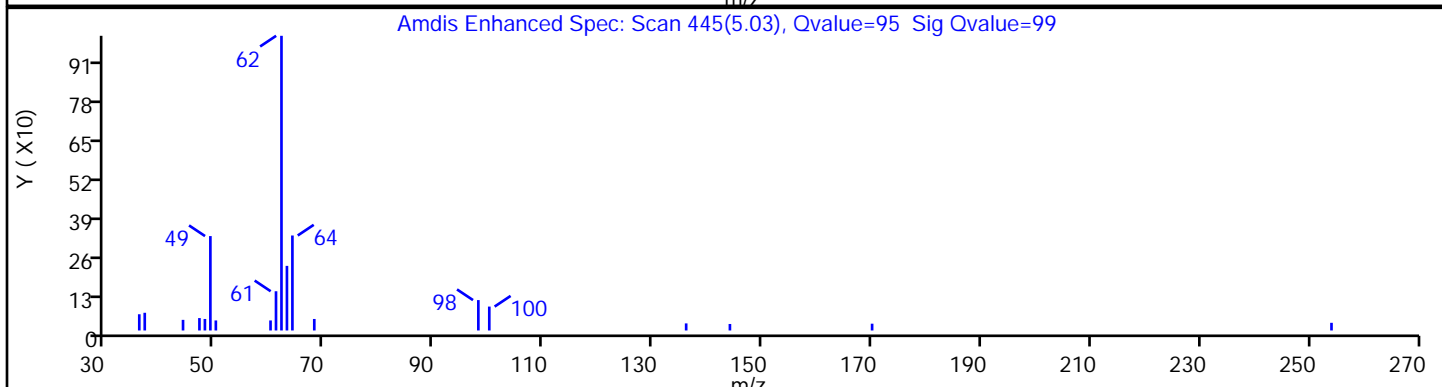
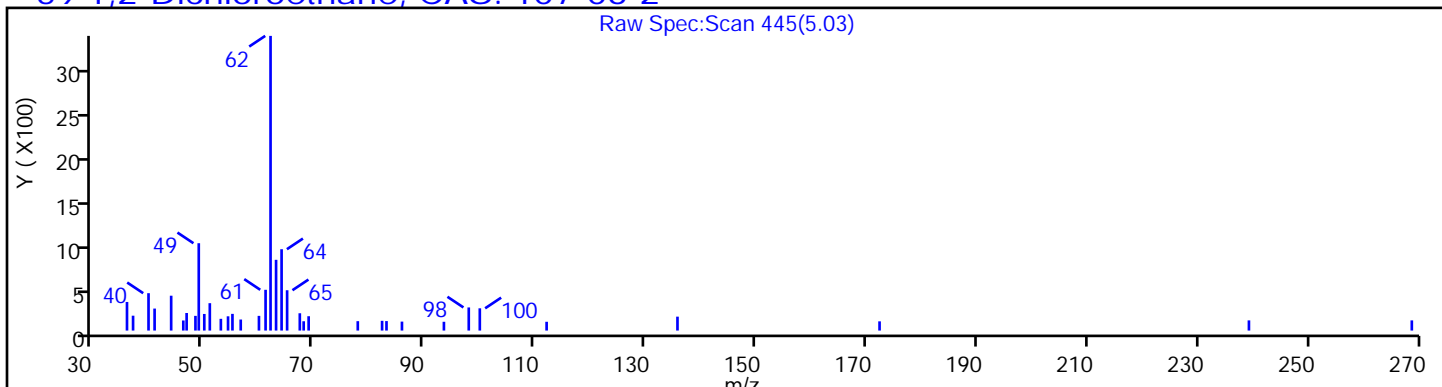
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

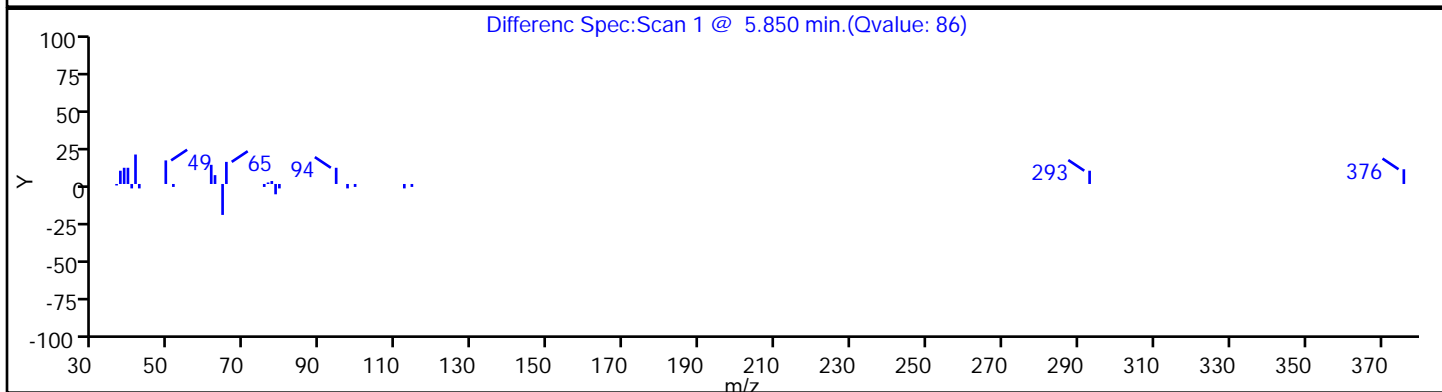
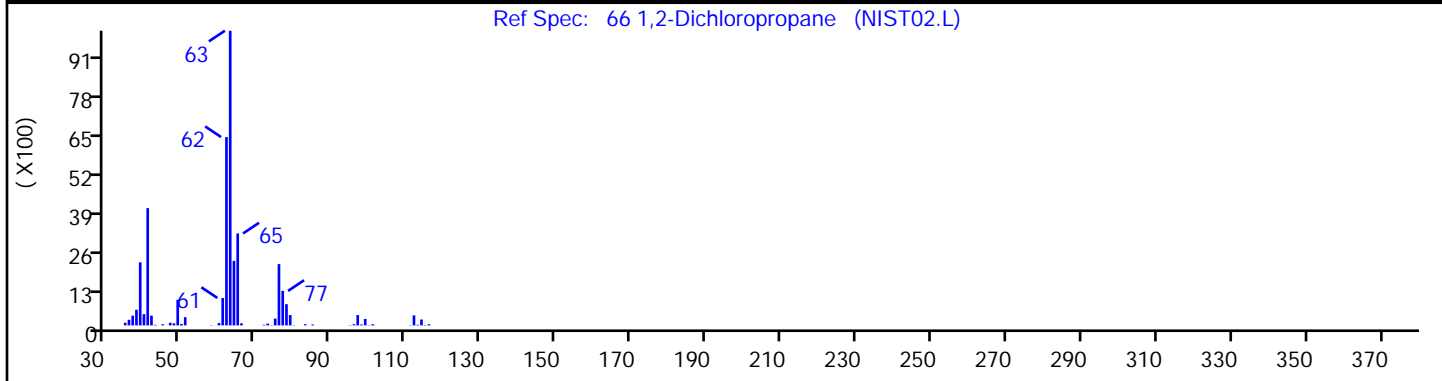
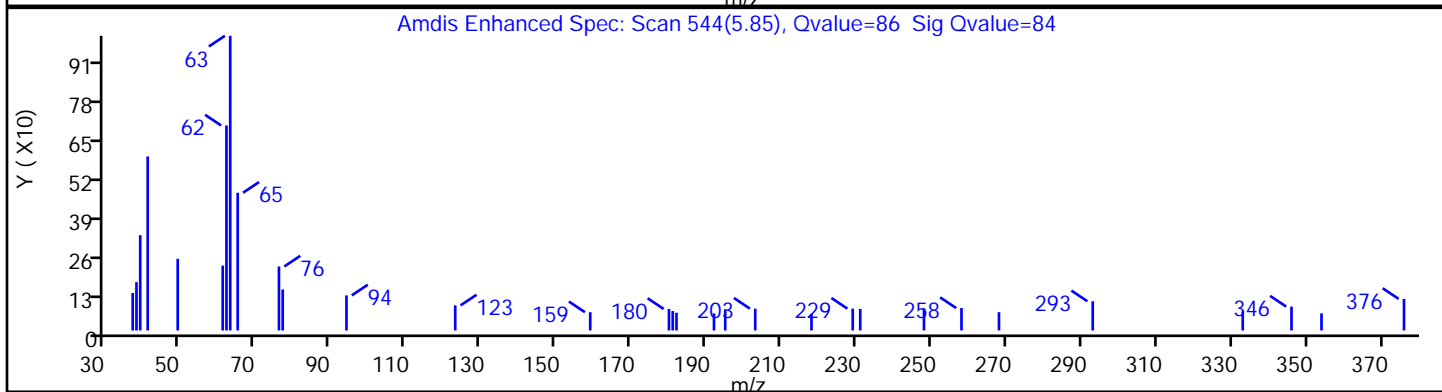
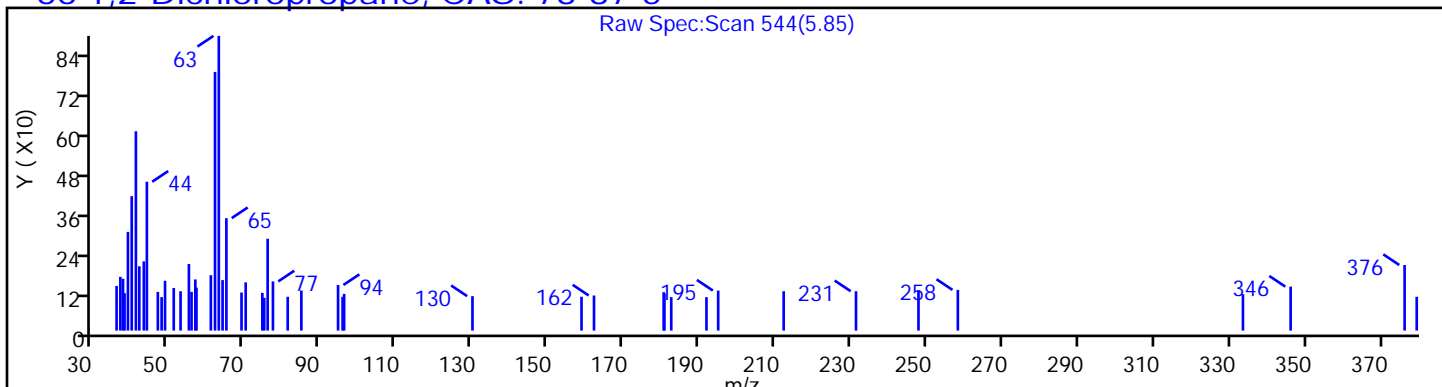
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

66 1,2-Dichloropropane, CAS: 78-87-5



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

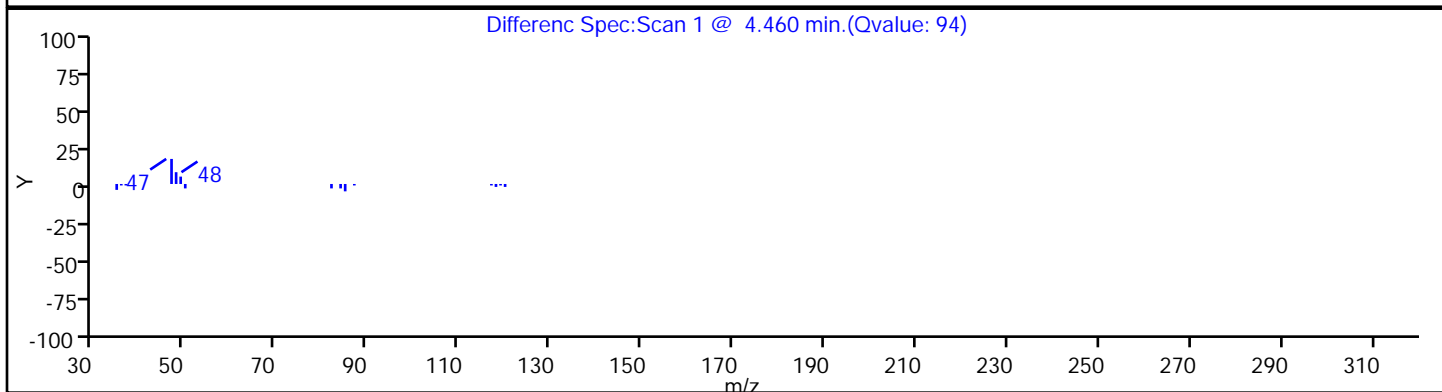
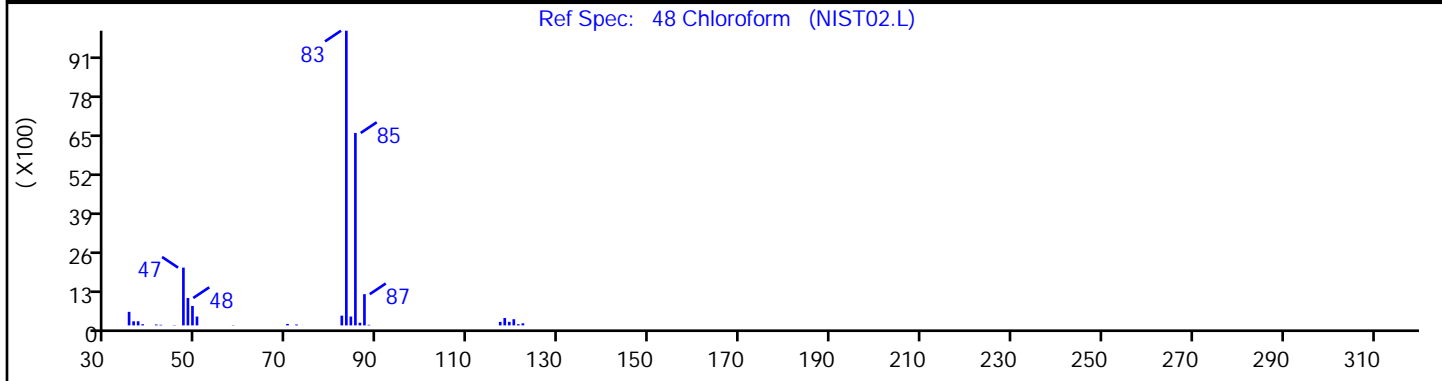
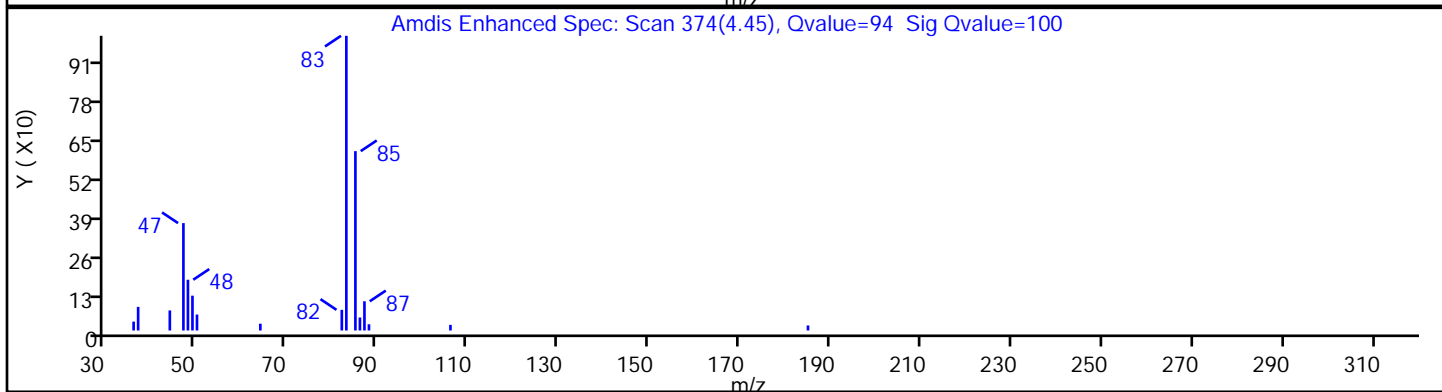
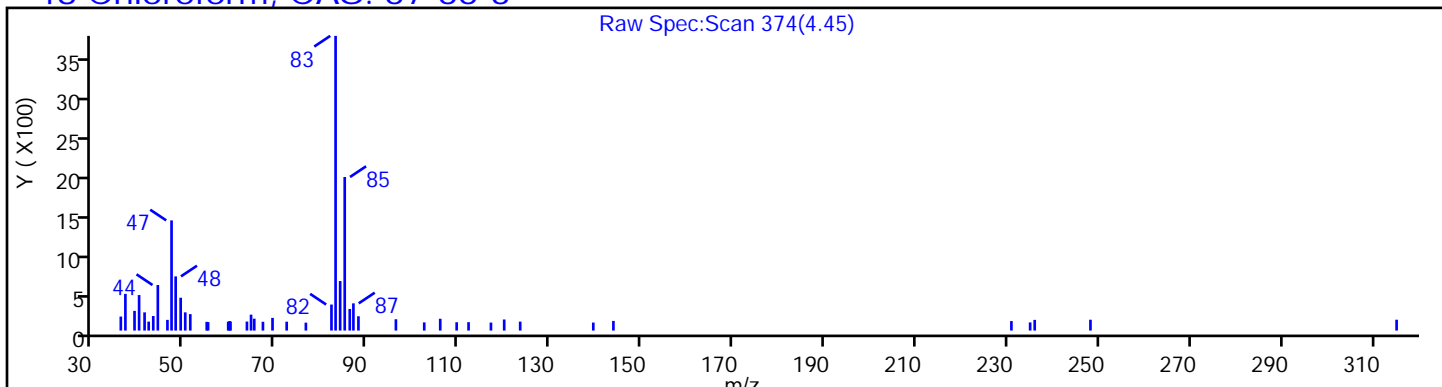
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

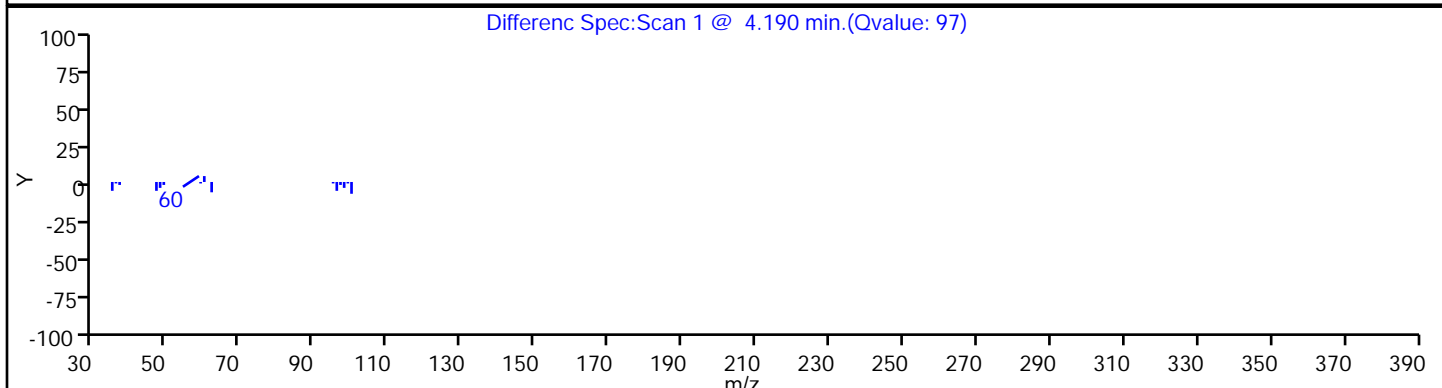
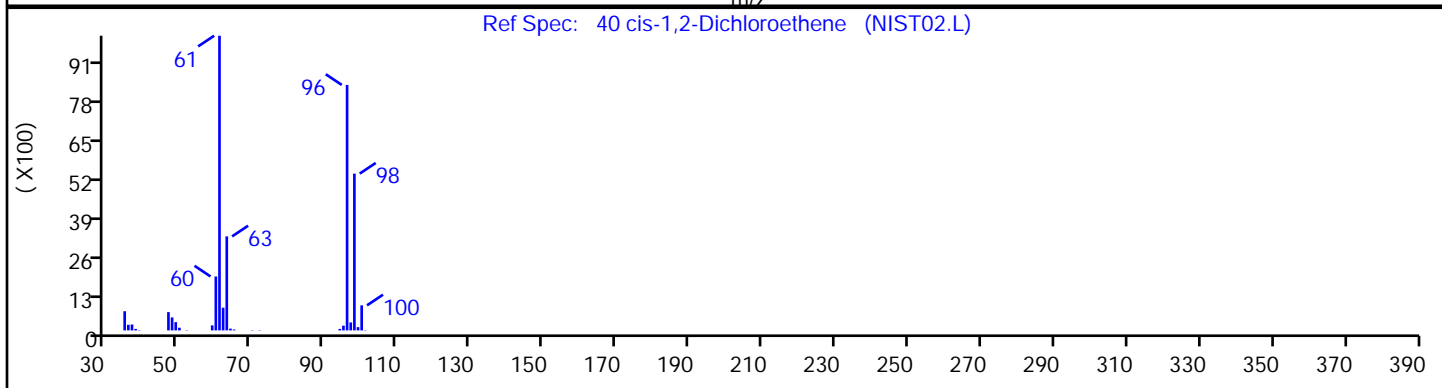
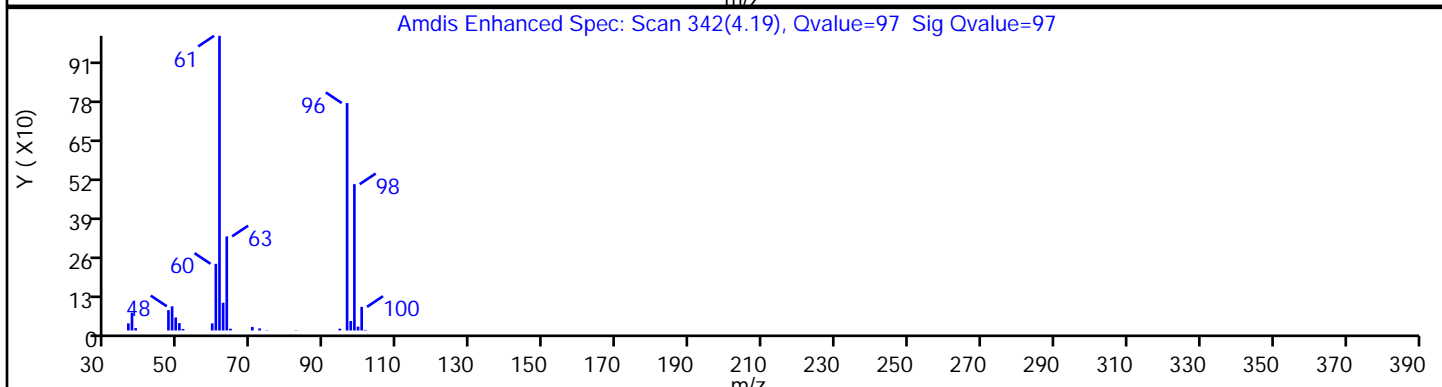
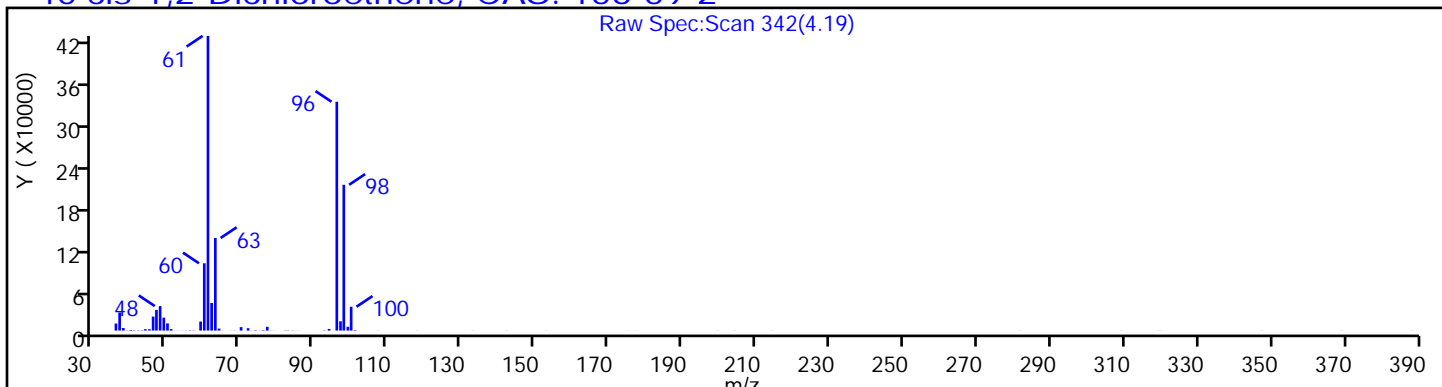
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

40 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

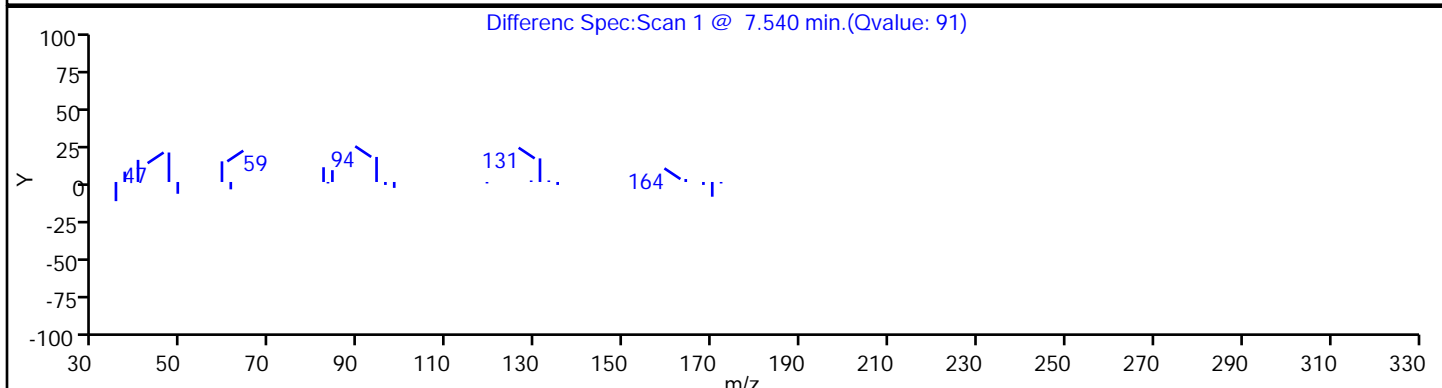
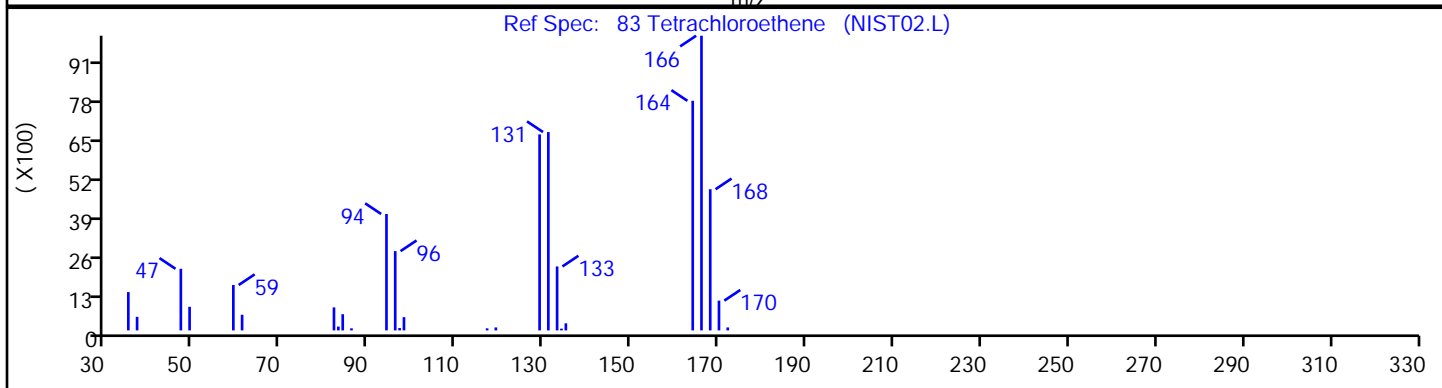
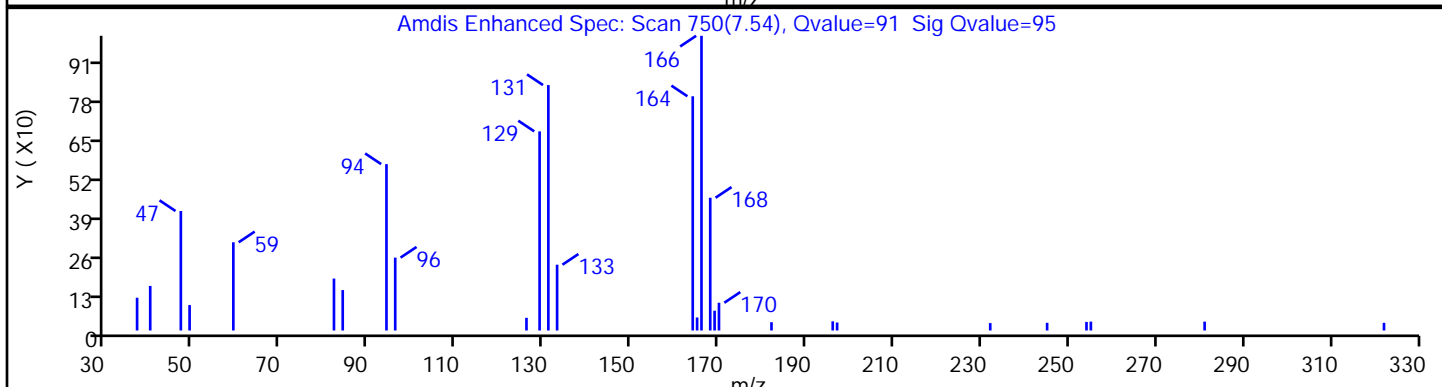
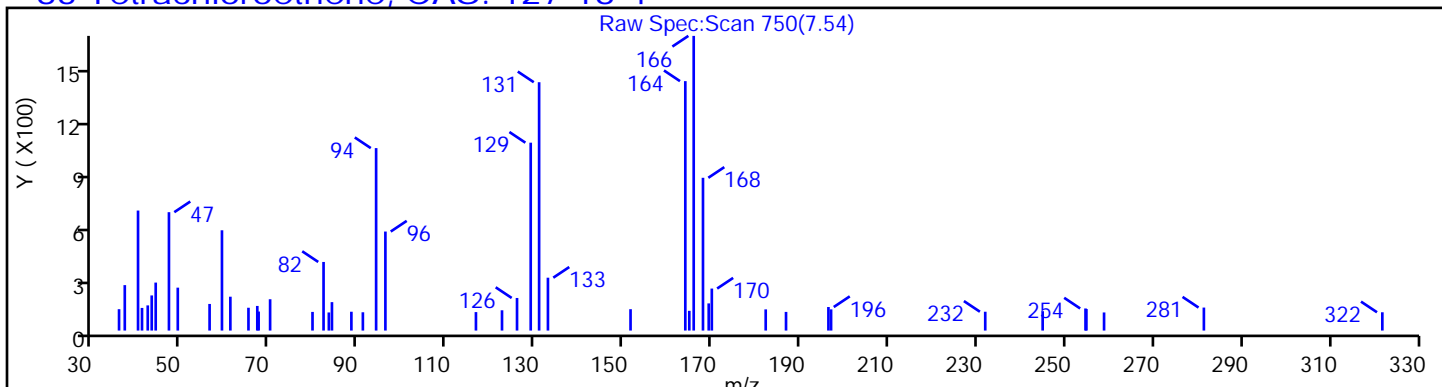
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

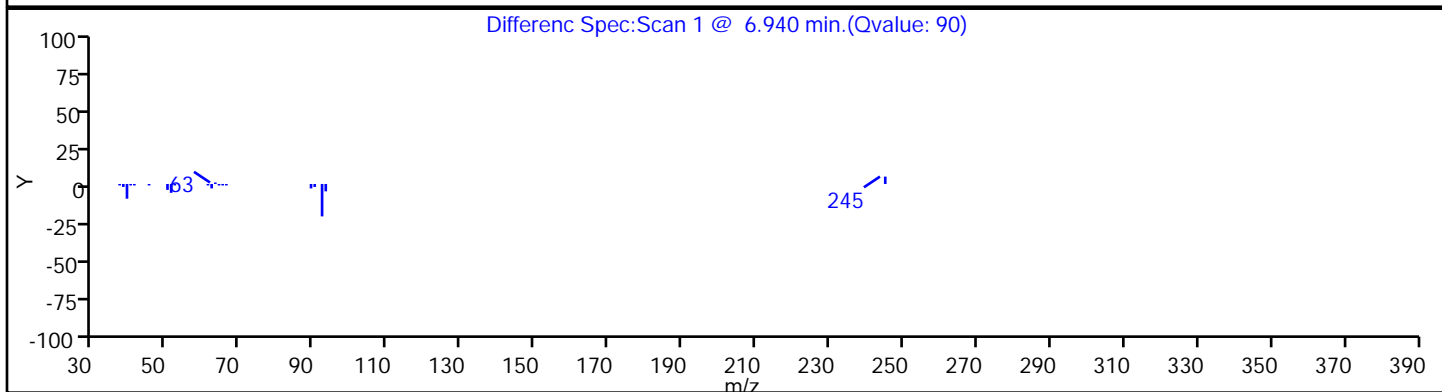
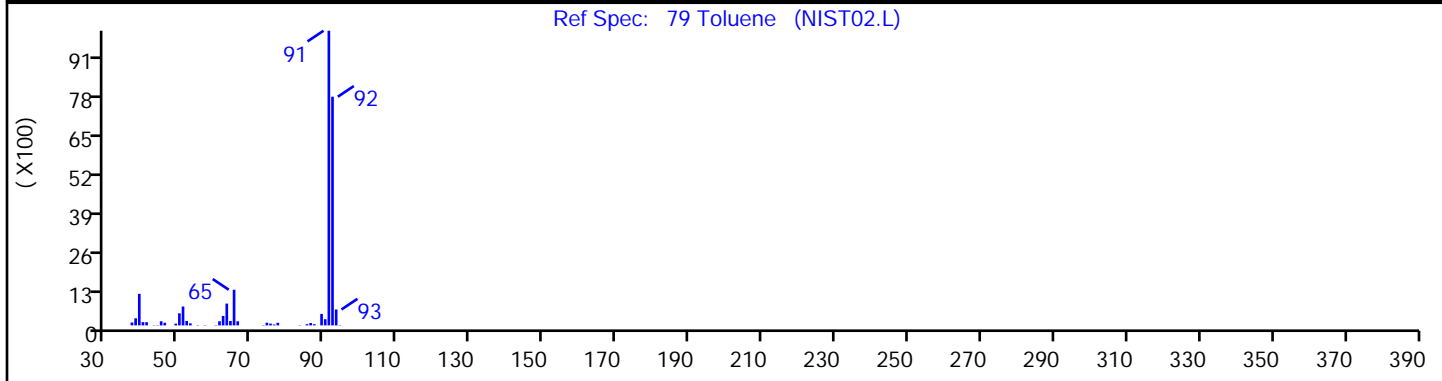
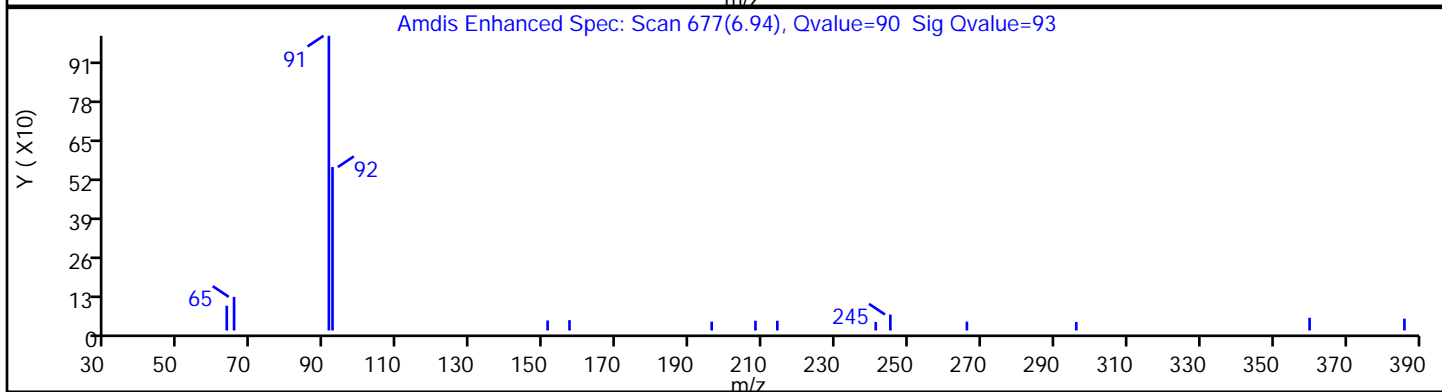
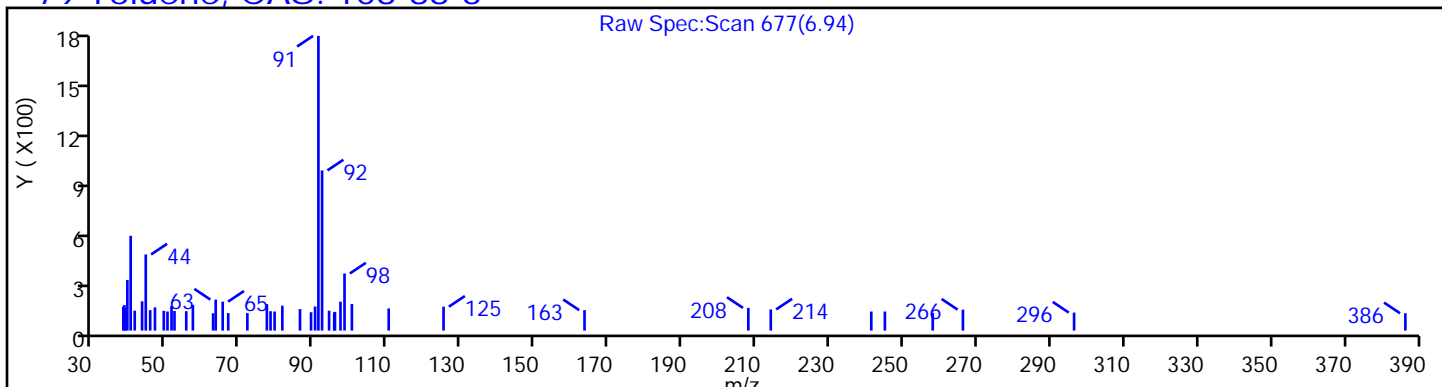
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

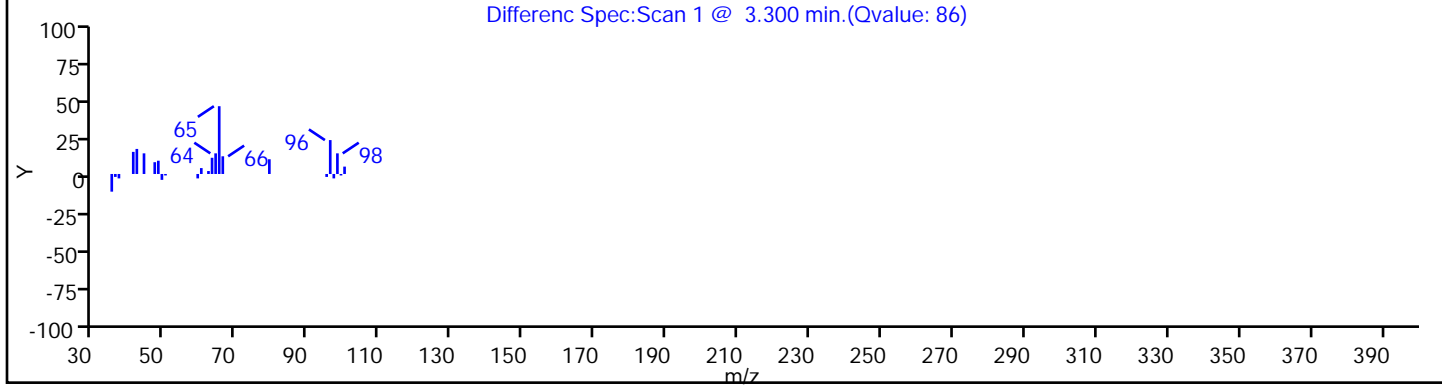
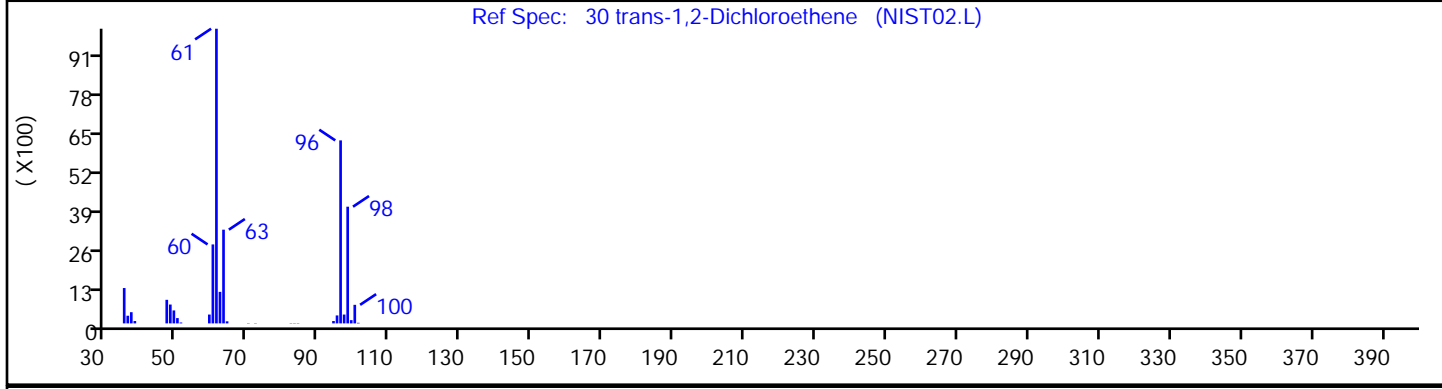
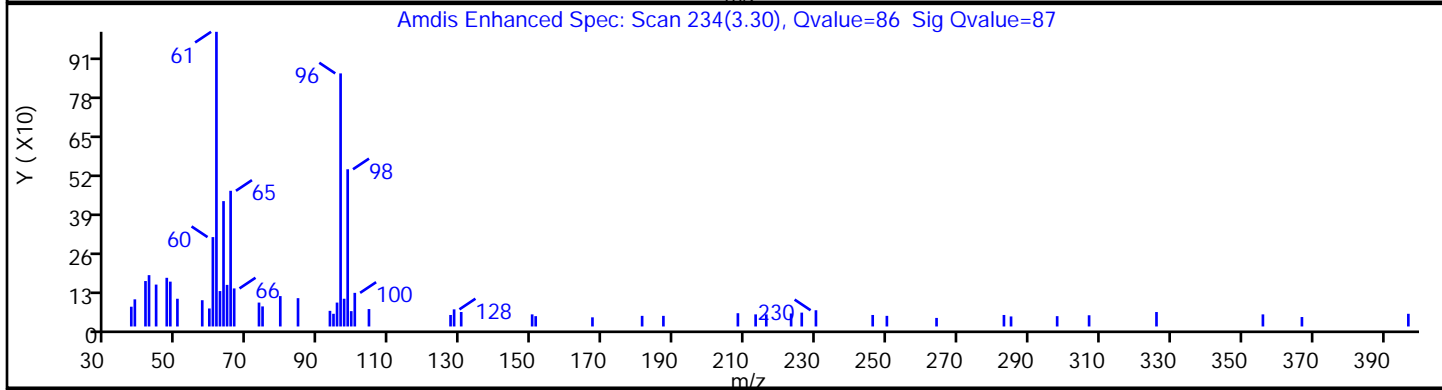
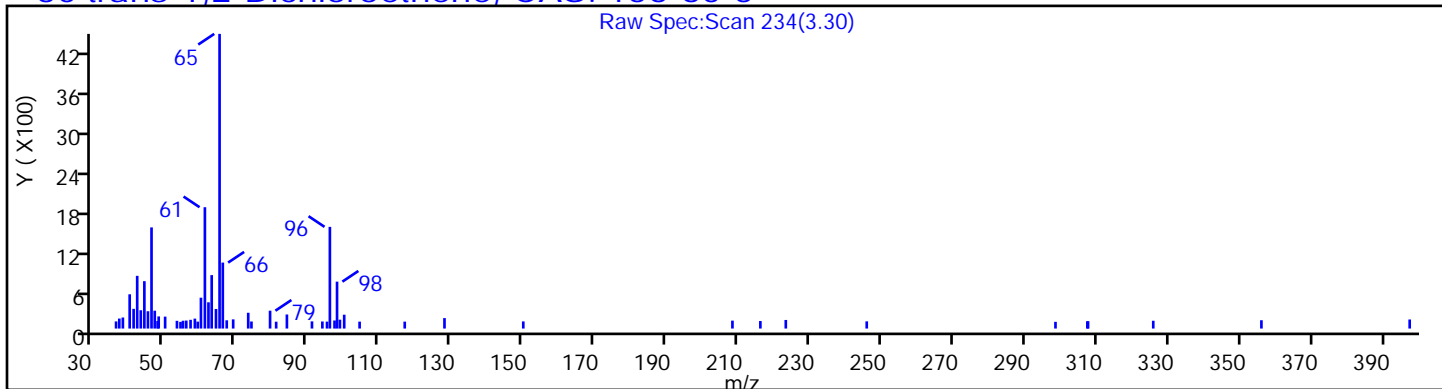
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

30 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

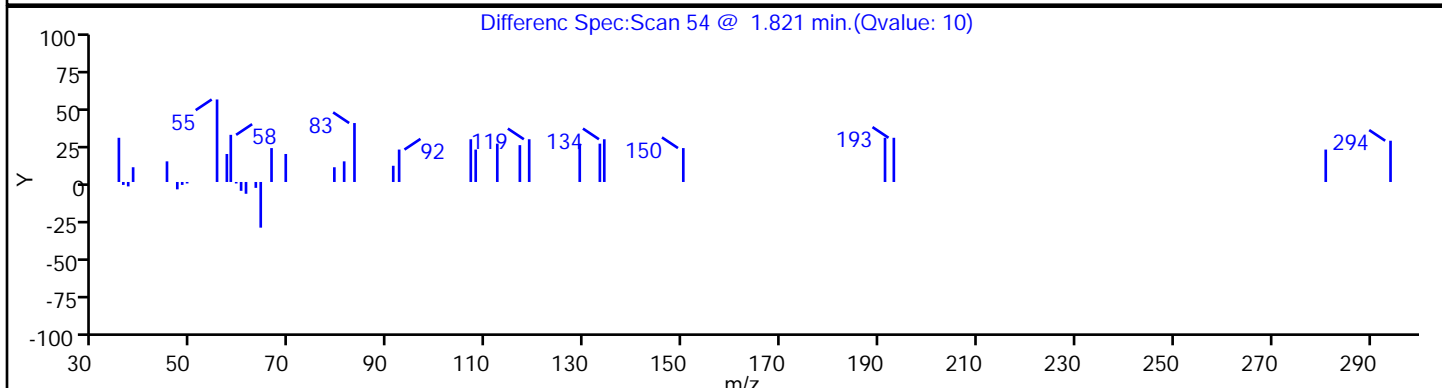
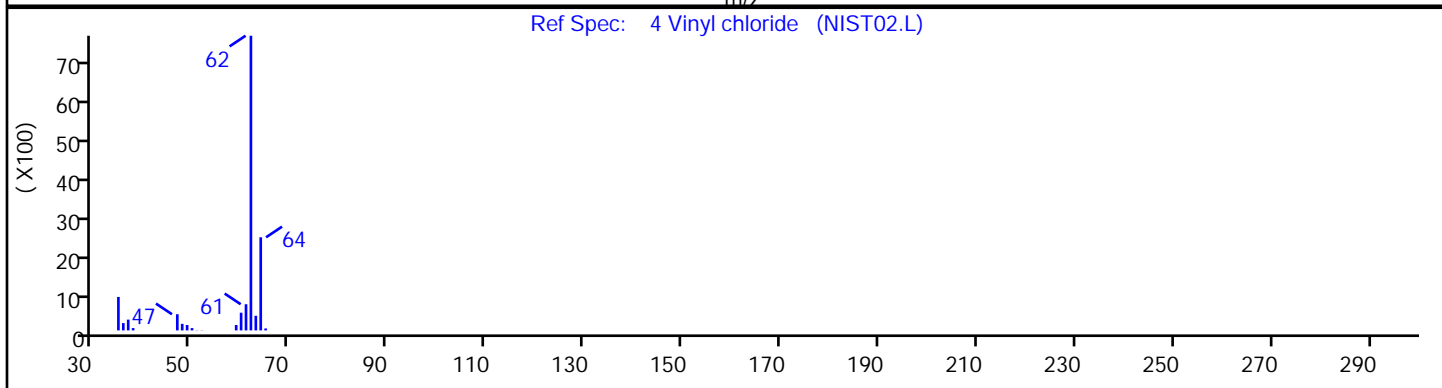
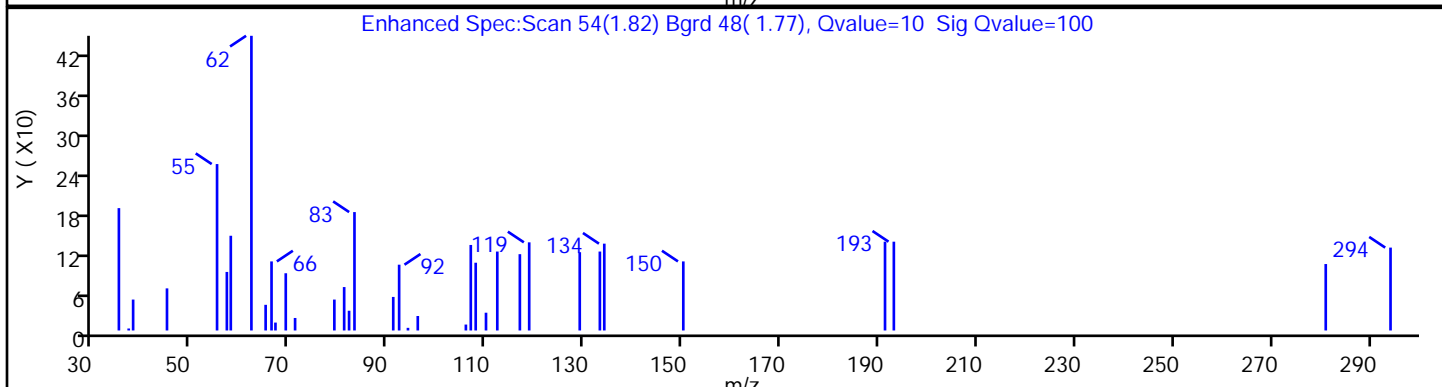
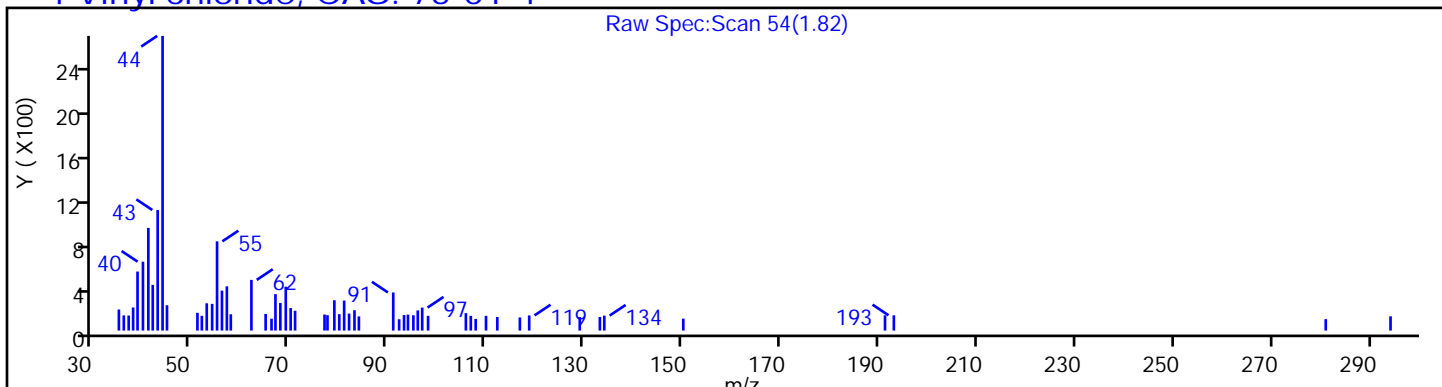
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

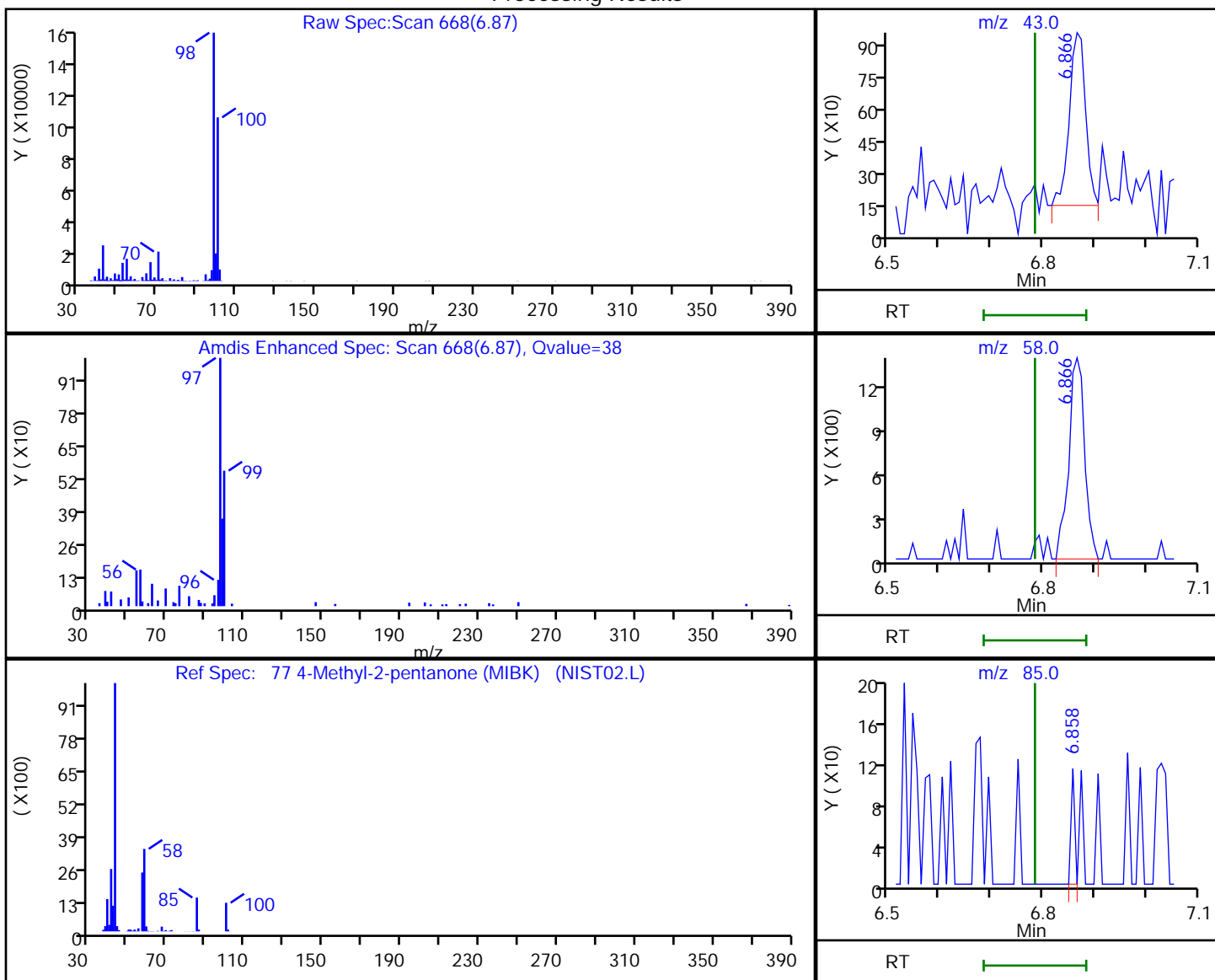
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.87	43.00	1800	1.019847
6.87	58.00	2808	
6.86	85.00	55	
6.87	100.00	199983	

Reviewer: xuyvo, 27-Aug-2020 11:41:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

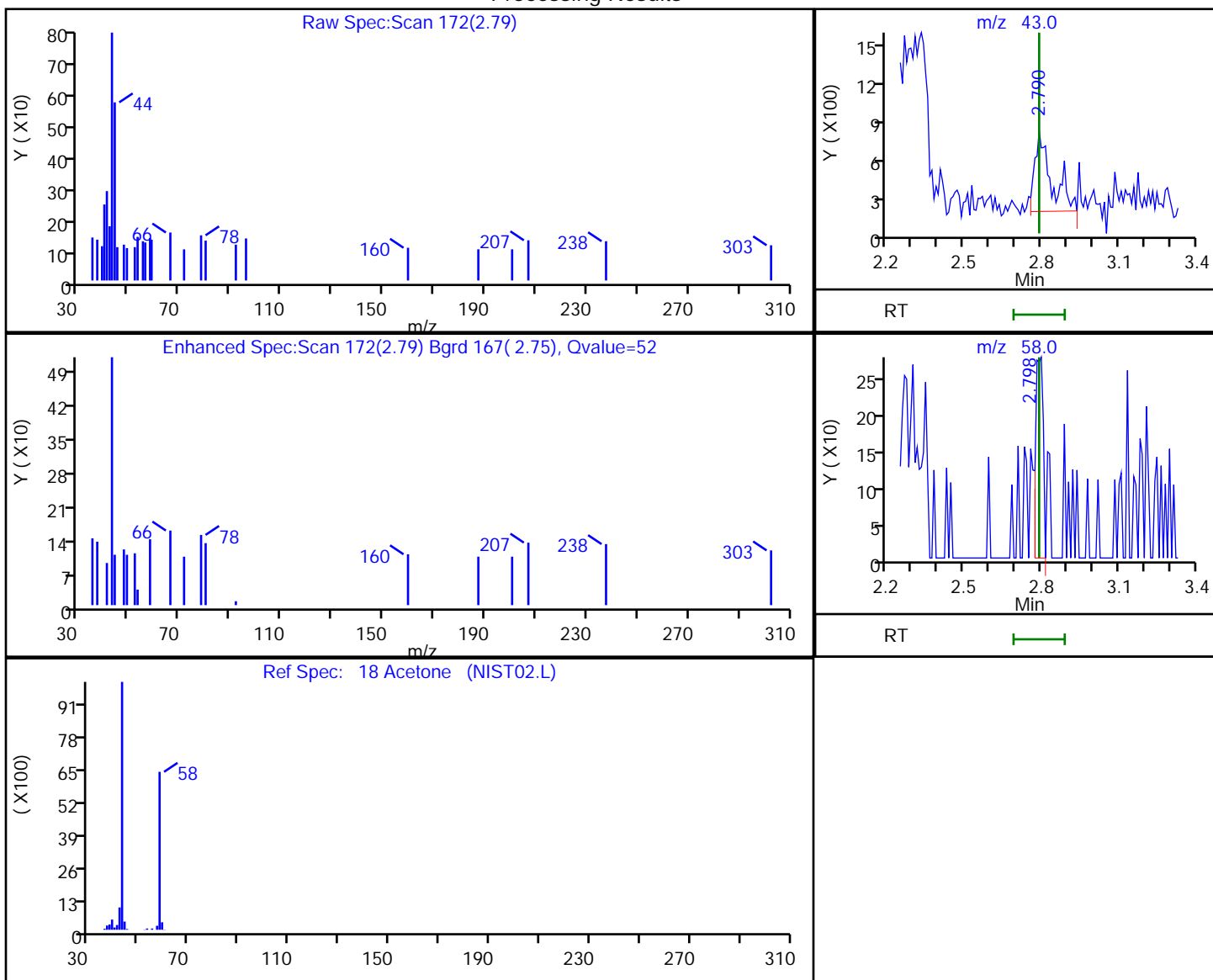
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.79	43.00	2754	5.558802
2.80	58.00	550	

Reviewer: xuyvo, 27-Aug-2020 11:40:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

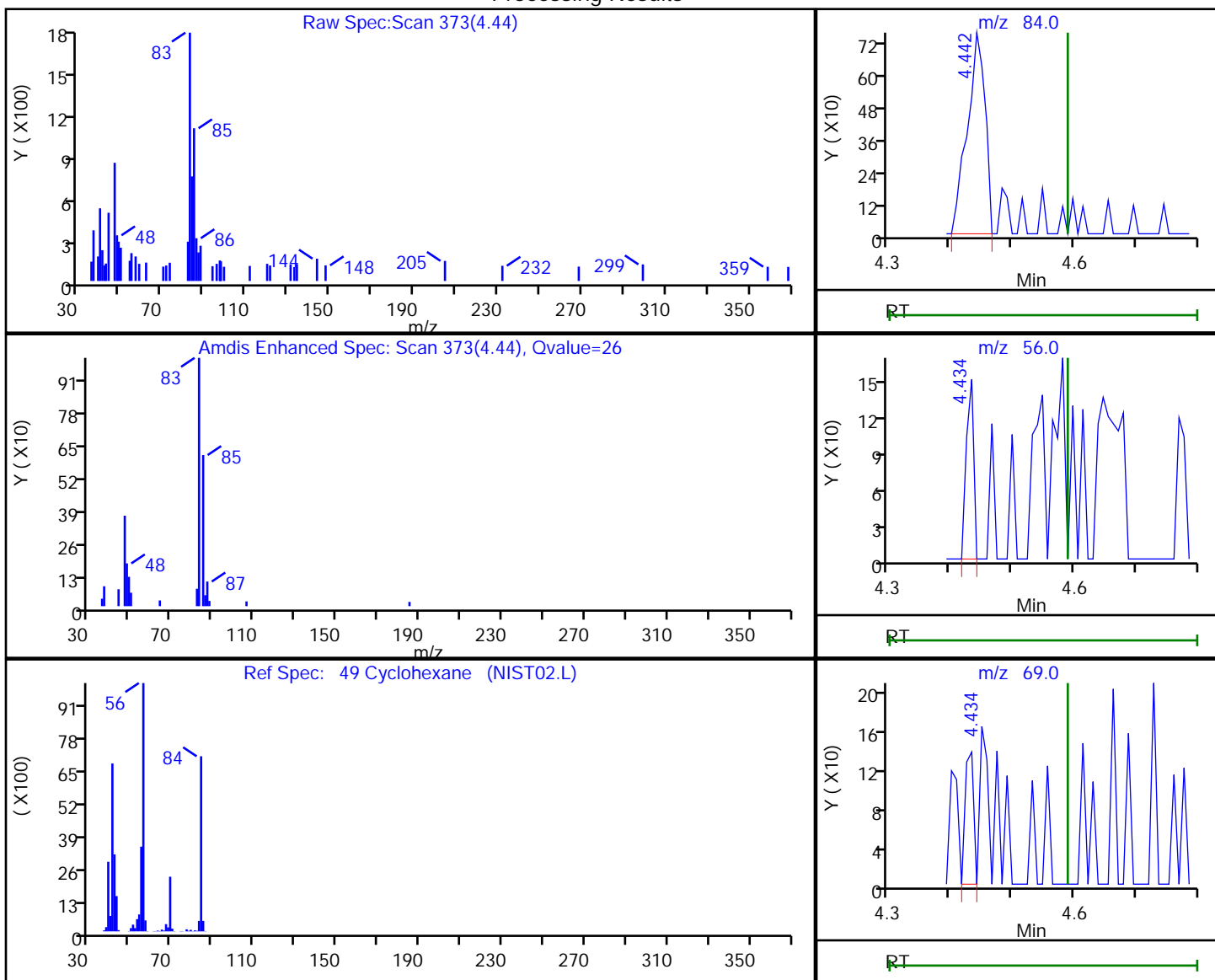
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.44	84.00	1509	0.614111
4.43	56.00	124	
4.43	69.00	127	

Reviewer: xuyvo, 27-Aug-2020 11:40:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#:

29

Worklist Smp#:

30

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

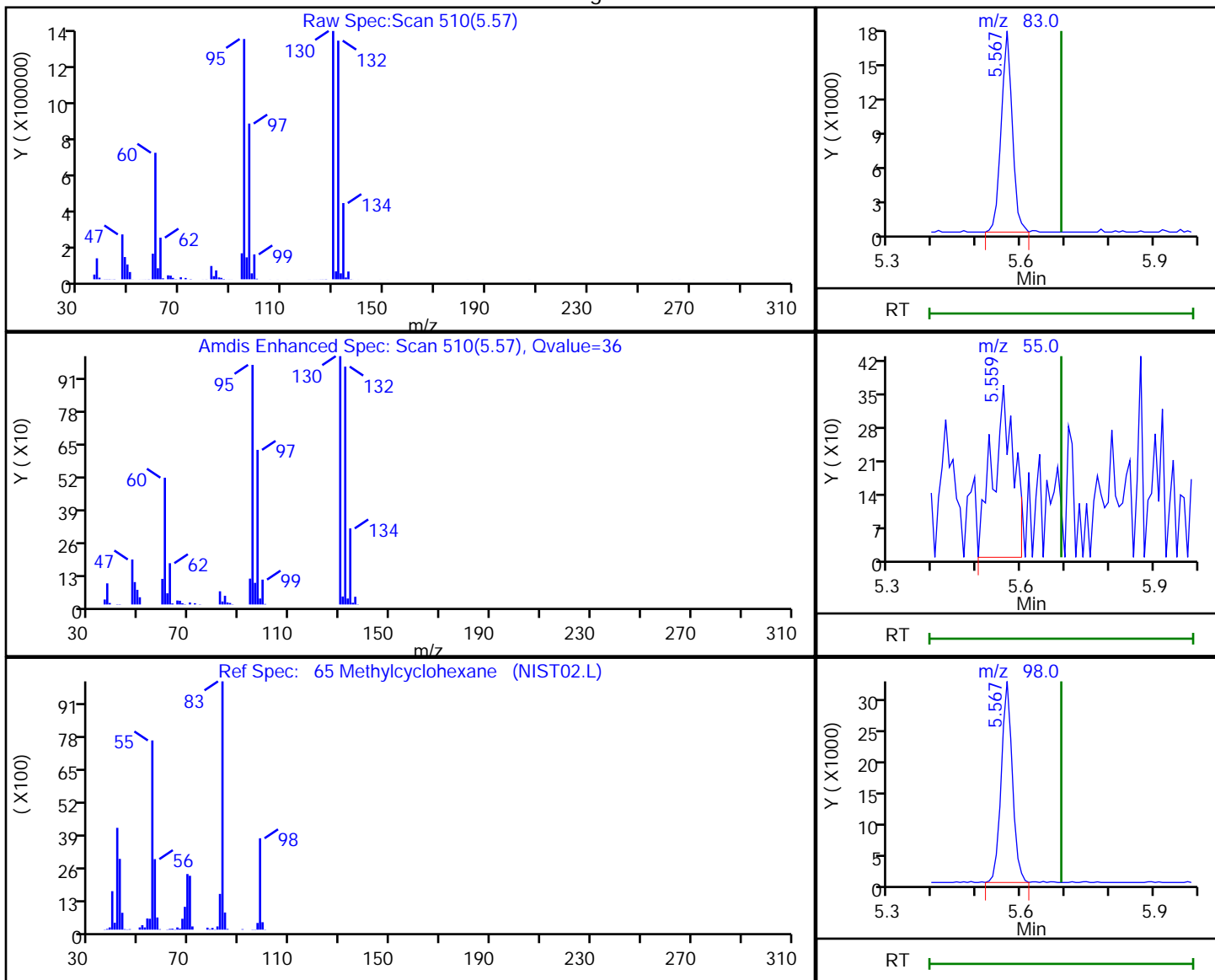
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.57	83.00	30312	11.345051
5.56	55.00	1185	
5.57	98.00	57698	

Reviewer: xuyvo, 27-Aug-2020 11:40:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003770.D

Injection Date: 26-Aug-2020 17:54:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 29 Worklist Smp#: 30

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

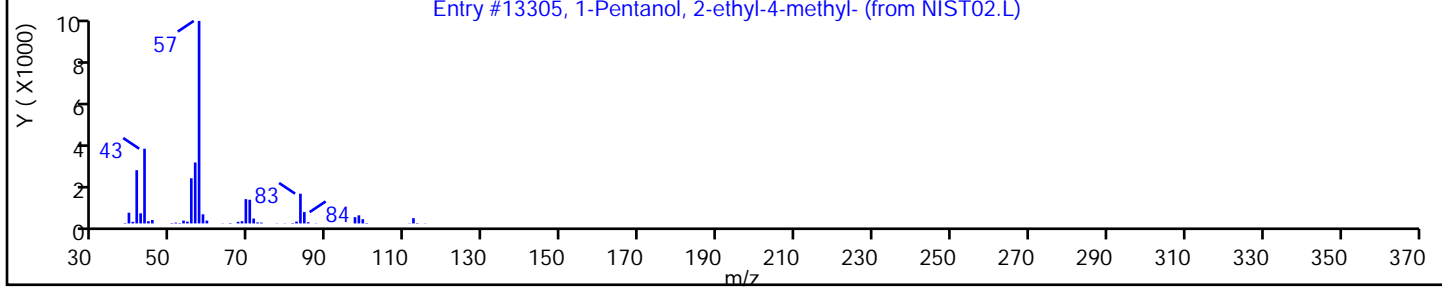
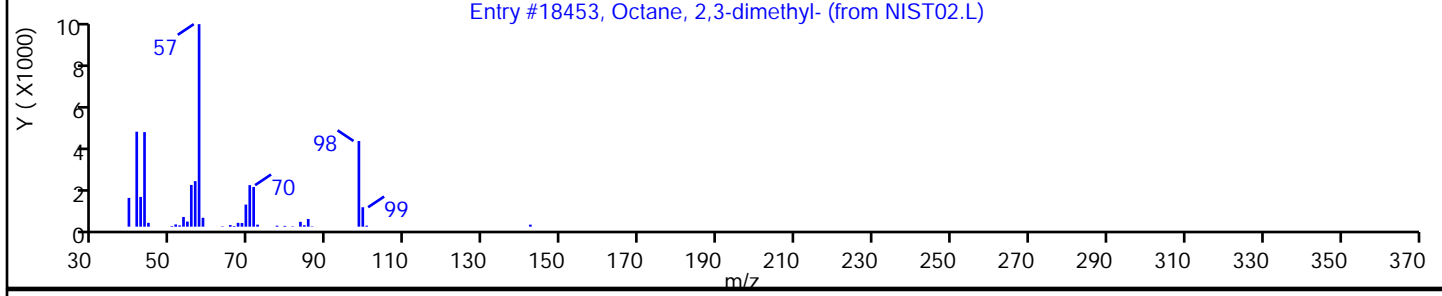
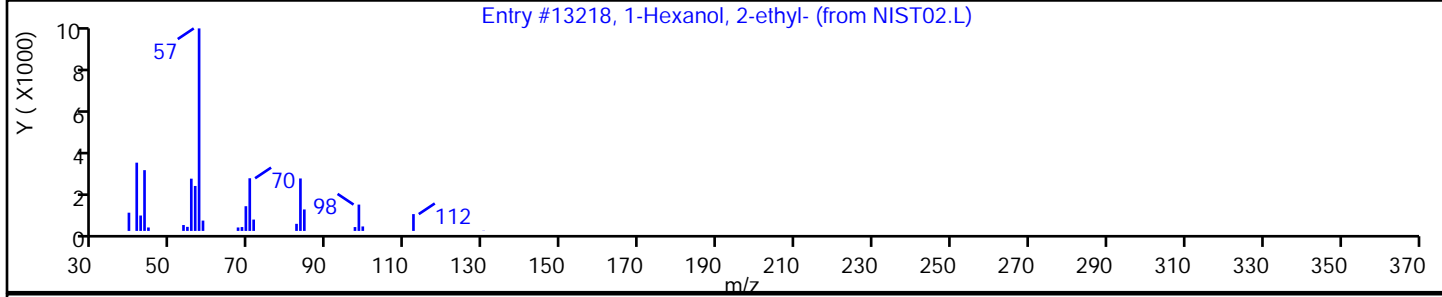
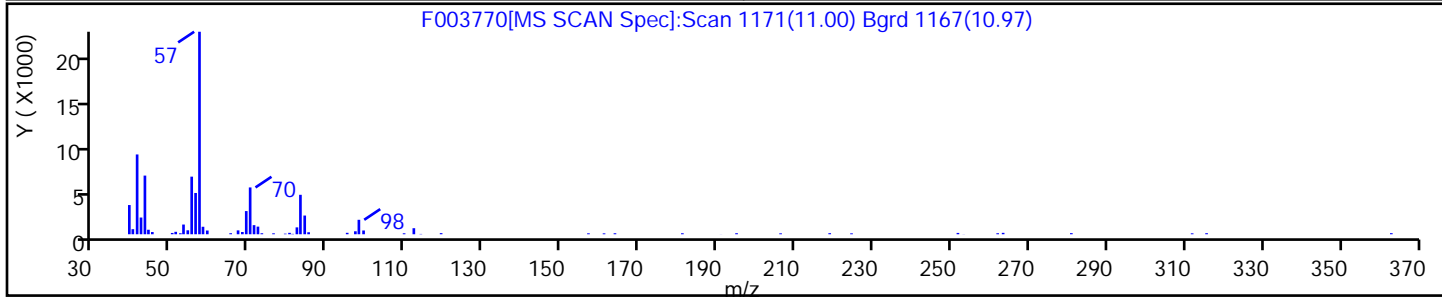
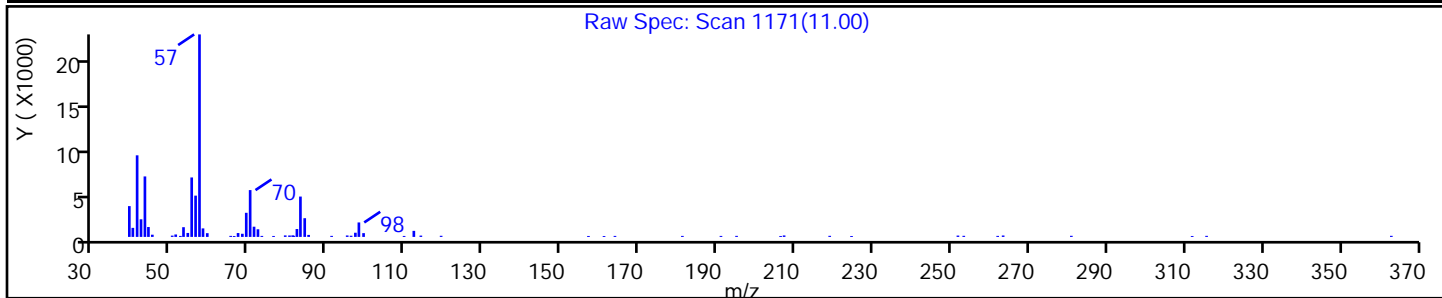
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column:

Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexanol, 2-ethyl-	104-76-7	NIST02.L	13218	C8H18O	130	78
Octane, 2,3-dimethyl-	7146-60-3	NIST02.L	18453	C10H22	142	50
1-Pentanol, 2-ethyl-4-methyl-	106-67-2	NIST02.L	13305	C8H18O	130	50



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC4D1_20200818 DL Lab Sample ID: 460-216353-3 DL
 Matrix: Water Lab File ID: F003790.D
 Analysis Method: 8260C Date Collected: 08/18/2020 11:35
 Sample wt/vol: 5 (mL) Date Analyzed: 08/27/2020 02:28
 Soil Aliquot Vol: _____ Dilution Factor: 5
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	880	D	5.0	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	D	75-123
460-00-4	4-Bromofluorobenzene	100	D	76-120
1868-53-7	Dibromofluoromethane (Surr)	100	D	77-124
2037-26-5	Toluene-d8 (Surr)	109	D	80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003790.D
 Lims ID: 460-216353-C-3
 Client ID: DEC4D1_20200818
 Sample Type: Client
 Inject. Date: 27-Aug-2020 02:28:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 5.0000
 Sample Info: 460-216353-C-3
 Misc. Info.: 460-0115813-020
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 11:07:25 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: xuyvo

Date: 27-Aug-2020 11:08:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
17 1,1-Dichloroethene	96	2.724	2.724	0.000	74	946	0.7176	
* 27 TBA-d9 (IS)	65	3.135	3.127	0.008	0	147502	1000.0	
30 trans-1,2-Dichloroethene	96	3.308	3.300	0.008	40	459	0.3247	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	46	2556	1.04	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	168614	250.0	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	97	88750	55.9	
48 Chloroform	83	4.458	4.450	0.008	63	1304	0.5458	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.606	0.008	95	67028	49.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	84576	47.9	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	89	1399	0.7162	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	265571	50.0	
63 Trichloroethene	95	5.567	5.567	0.000	96	249548	176.8	
* 67 1,4-Dioxane-d8	96	5.904	5.913	-0.009	0	13399	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	285300	54.4	
83 Tetrachloroethene	166	7.539	7.539	0.000	31	493	0.4192	
* 89 Chlorobenzene-d5	117	8.641	8.632	0.008	88	183555	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	86	76623	49.8	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	102903	50.0	

Reagents:

VOA6IS/SURR_00039

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003790.D

Injection Date: 27-Aug-2020 02:28:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-216353-C-3

Lab Sample ID: 460-216353-3

Worklist Smp#: 20

Client ID: DEC4D1_20200818

Purge Vol: 5.000 mL

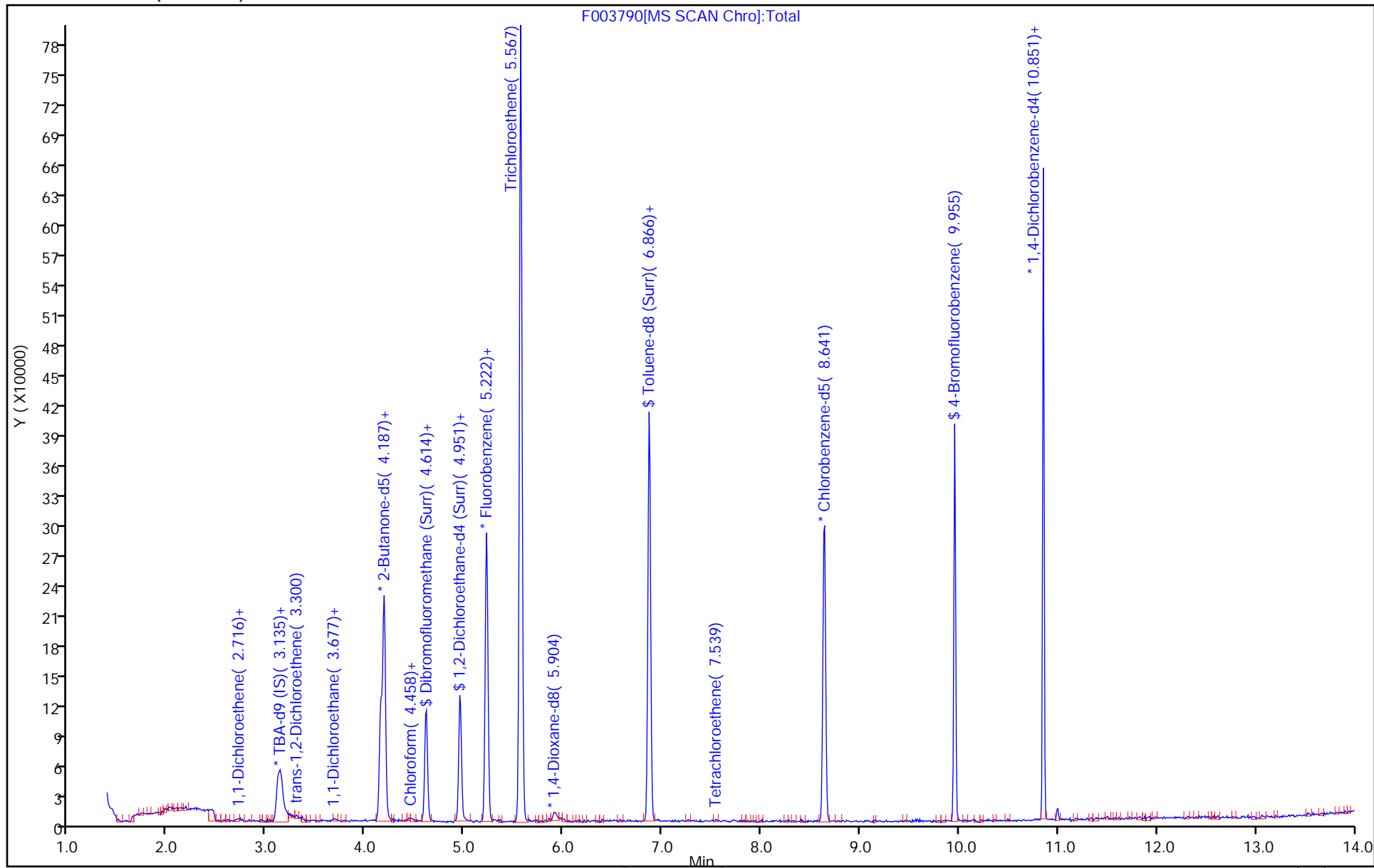
Dil. Factor: 5.0000

ALS Bottle#: 19

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003790.D

Injection Date: 27-Aug-2020 02:28:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-C-3

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 5.0000

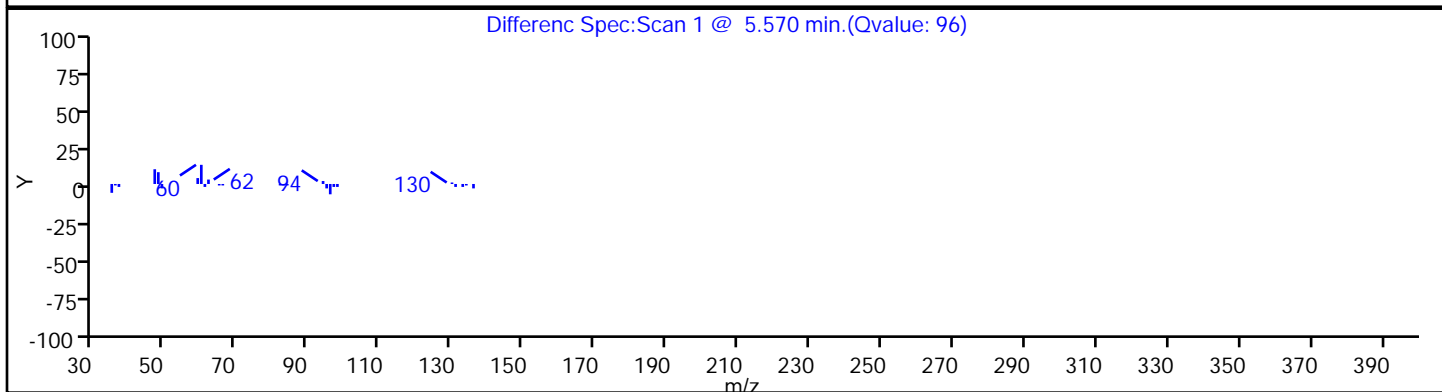
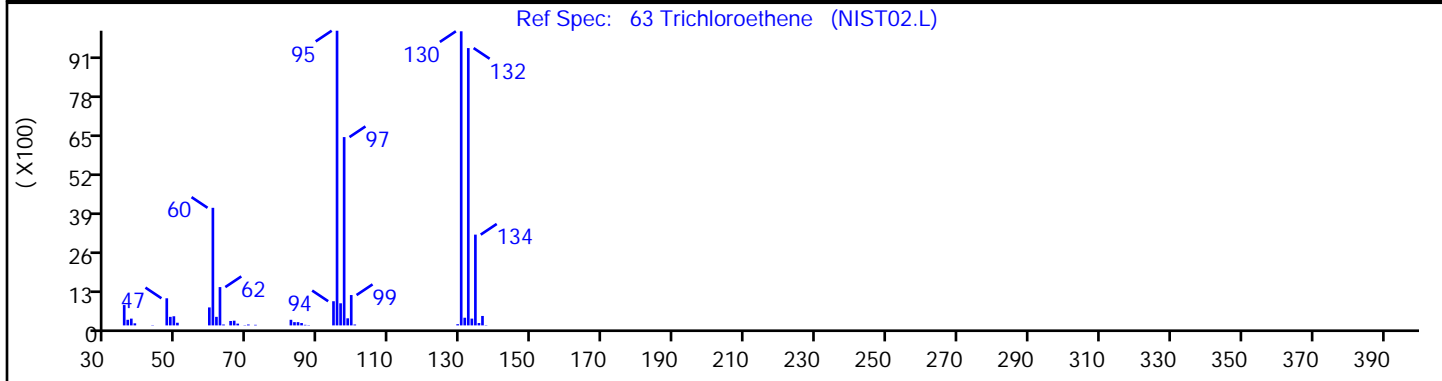
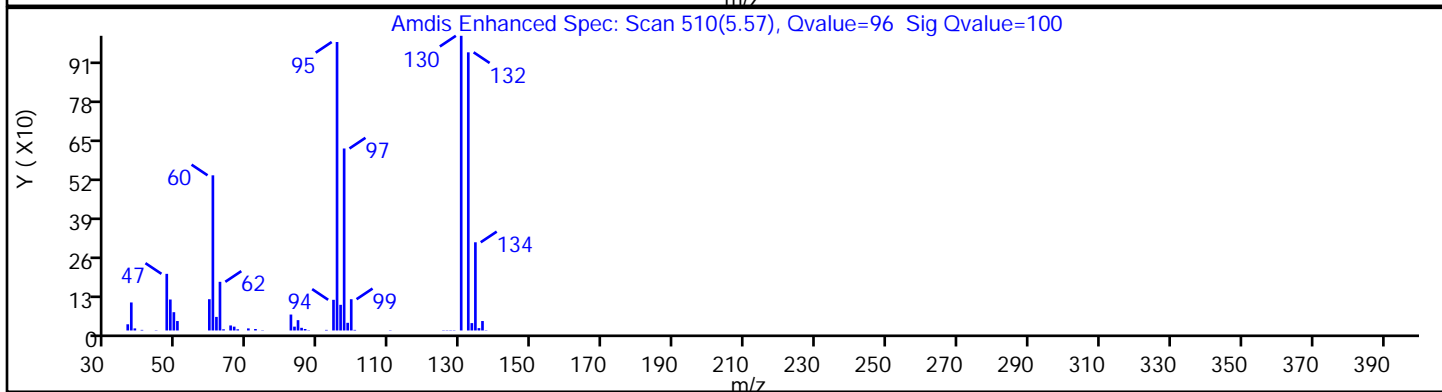
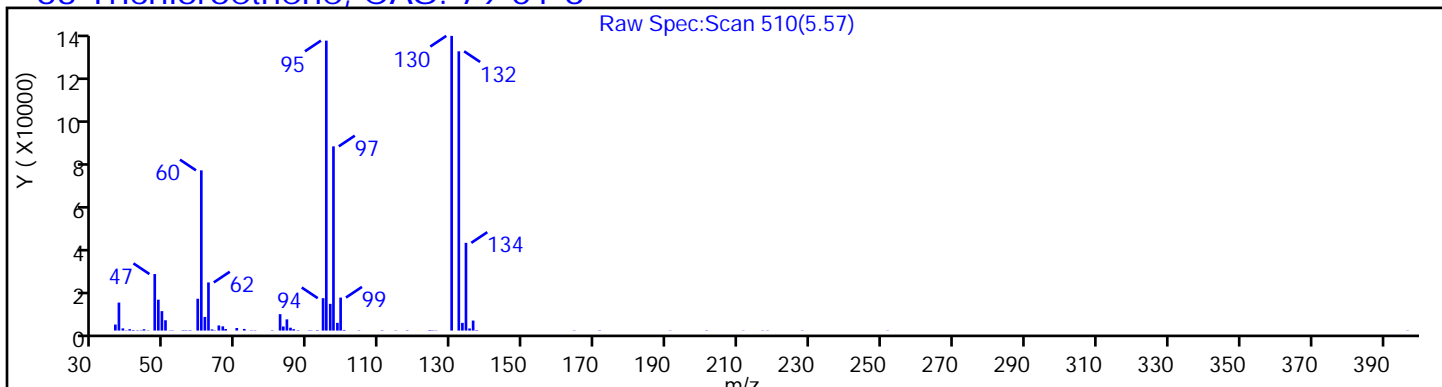
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

63 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: TB_20200818 Lab Sample ID: 460-216353-4
 Matrix: Water Lab File ID: F003766.D
 Analysis Method: 8260C Date Collected: 08/18/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 16:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	7.1		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: TB_20200818 Lab Sample ID: 460-216353-4
 Matrix: Water Lab File ID: F003766.D
 Analysis Method: 8260C Date Collected: 08/18/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 16:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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)	98		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	97		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: TB_20200818 Lab Sample ID: 460-216353-4
 Matrix: Water Lab File ID: F003766.D
 Analysis Method: 8260C Date Collected: 08/18/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 16:15
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 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\20200826-115773.b\F003766.D
 Lims ID: 460-216353-B-4
 Client ID: TB_20200818
 Sample Type: Client
 Inject. Date: 26-Aug-2020 16:15:30 ALS Bottle#: 25 Worklist Smp#: 26
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216353-B-4
 Misc. Info.: 460-0115773-026
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:43:18 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: yallabg

Date: 26-Aug-2020 17:38:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
18 Acetone	43	2.782	2.790	-0.008	84	3622	7.07	M
* 27 TBA-d9 (IS)	65	3.135	3.119	0.016	0	183973	1000.0	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	200737	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.606	0.008	95	71269	48.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	95007	49.0	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	291552	50.0	
* 67 1,4-Dioxane-d8	96	5.913	5.904	0.009	0	15236	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	318195	53.1	
* 89 Chlorobenzene-d5	117	8.641	8.632	0.009	89	209458	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	86	85367	48.6	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	114193	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00039

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003766.D

Injection Date: 26-Aug-2020 16:15:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: 460-216353-B-4

Lab Sample ID: 460-216353-4

Worklist Smp#: 26

Client ID: TB_20200818

Purge Vol: 5.000 mL

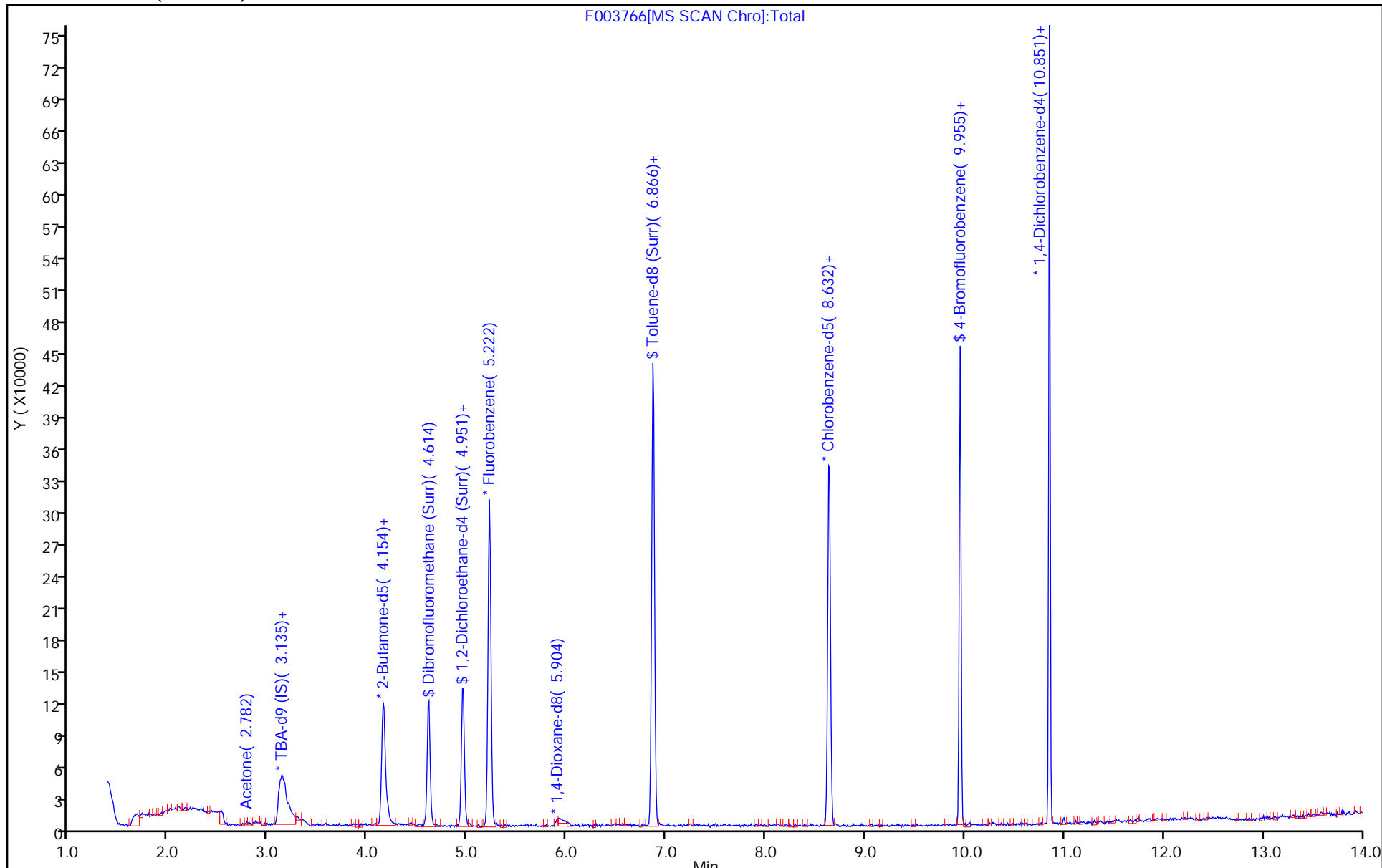
Dil. Factor: 1.0000

ALS Bottle#: 25

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003766.D

Injection Date: 26-Aug-2020 16:15:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-4

Lab Sample ID: 460-216353-4

Client ID: TB_20200818

Operator ID:

ALS Bottle#: 25 Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

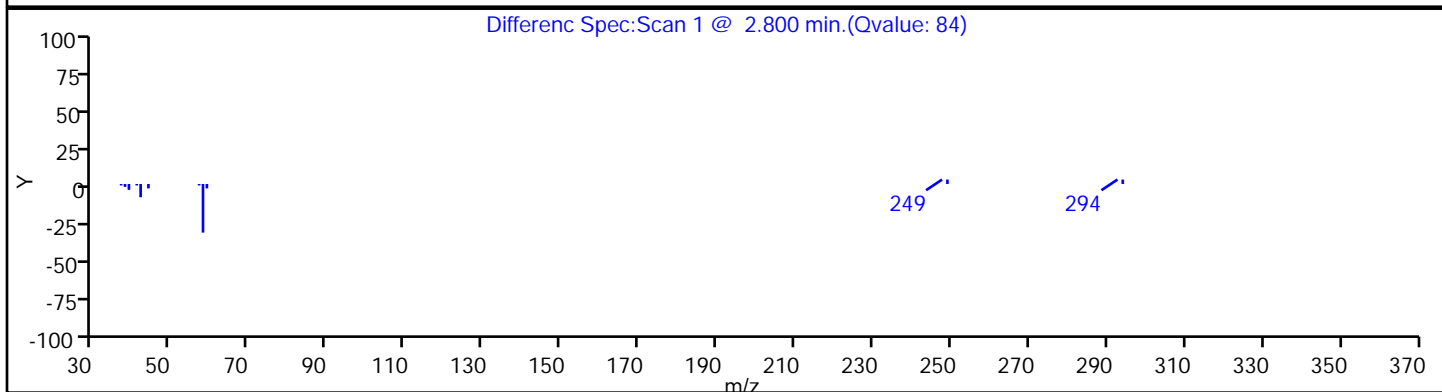
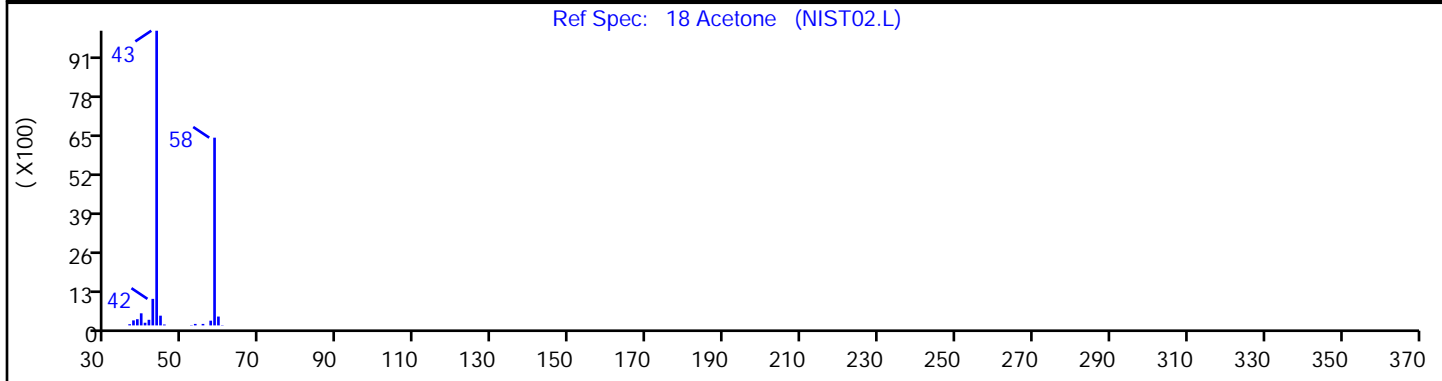
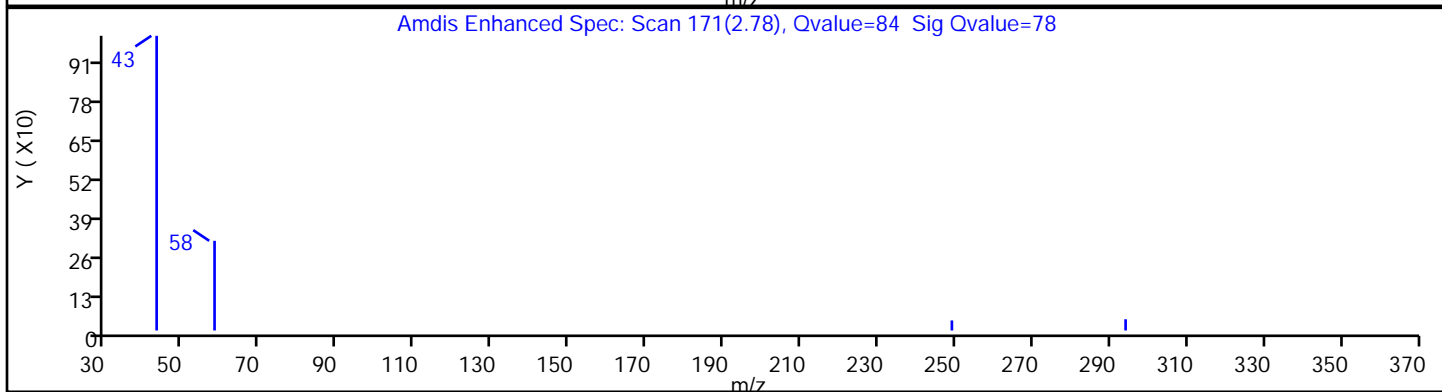
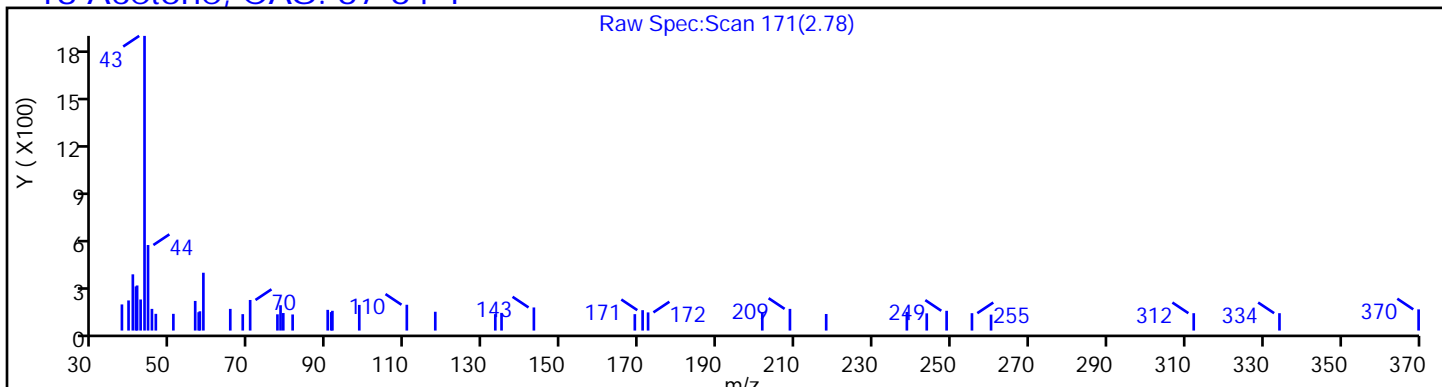
Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003766.D

Injection Date: 26-Aug-2020 16:15:30

Instrument ID: CVOAMS6

Lims ID: 460-216353-B-4

Lab Sample ID: 460-216353-4

Client ID: TB_20200818

Operator ID:

ALS Bottle#:

25

Worklist Smp#: 26

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

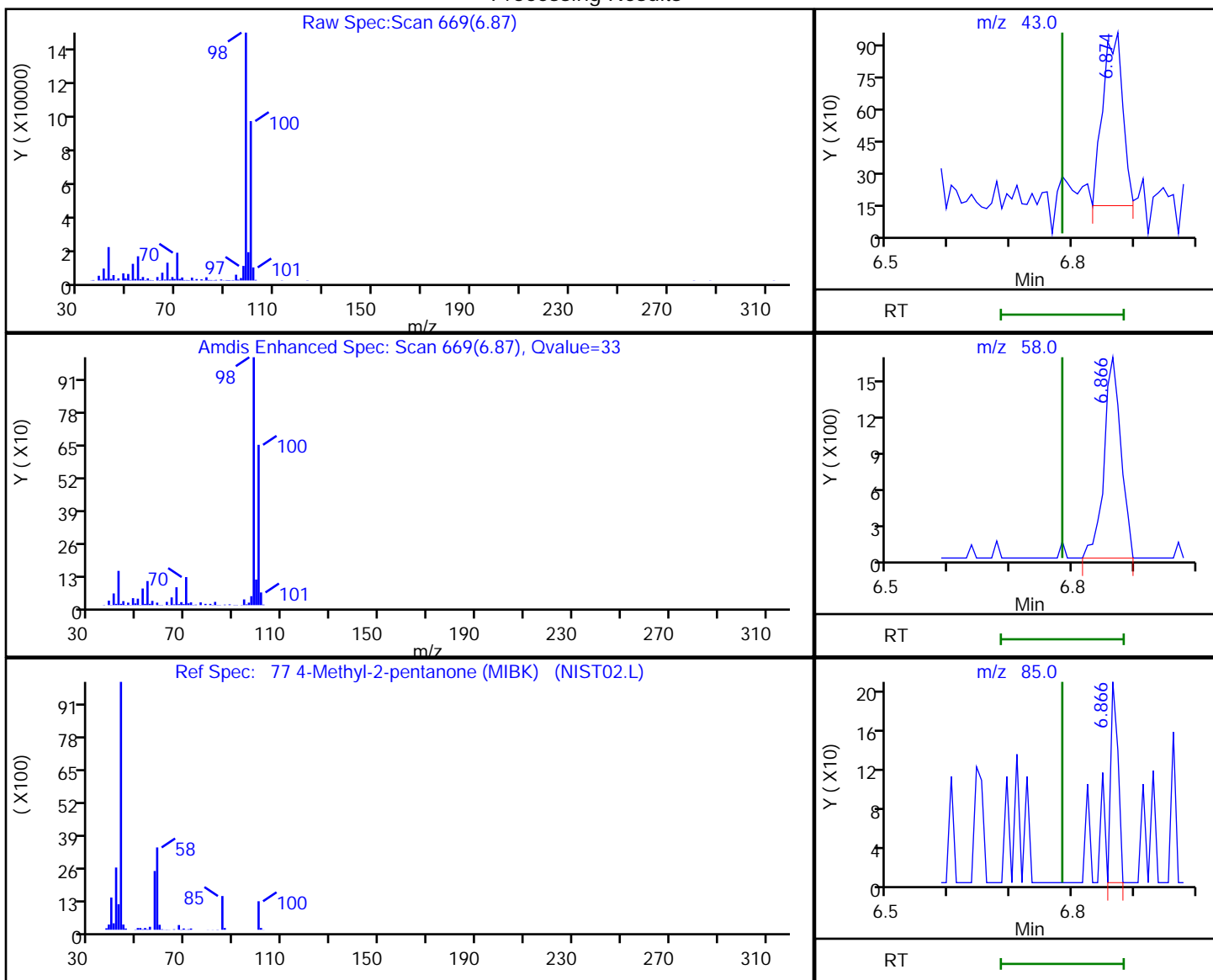
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.87	43.00	1847	1.012116
6.87	58.00	3088	
6.87	85.00	170	
6.87	100.00	205022	

Reviewer: xuyvo, 27-Aug-2020 10:43:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

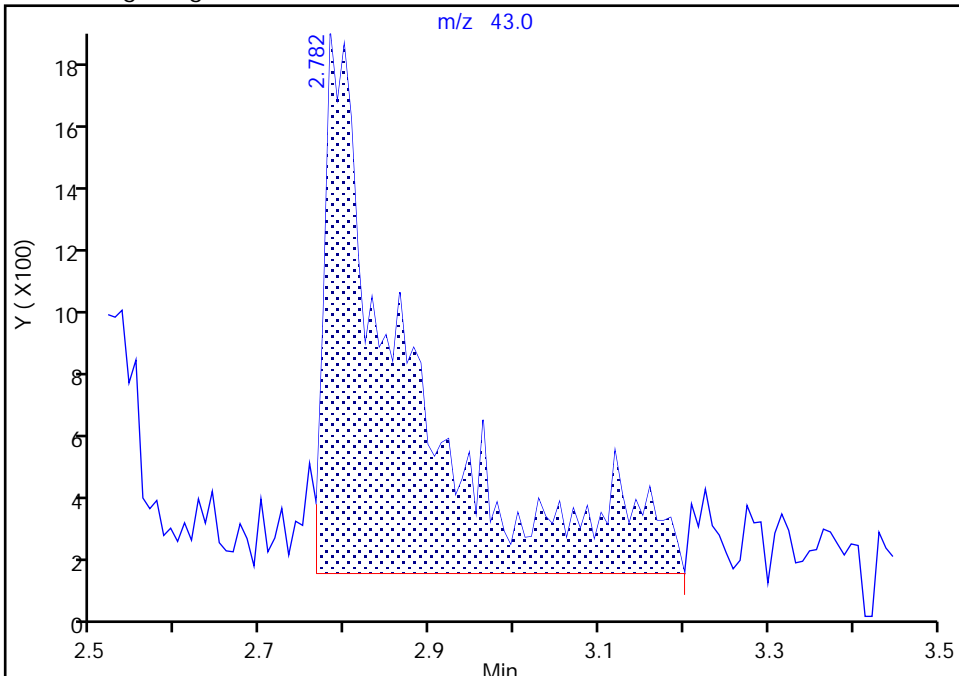
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003766.D
Injection Date: 26-Aug-2020 16:15:30 Instrument ID: CVOAMS6
Lims ID: 460-216353-B-4 Lab Sample ID: 460-216353-4
Client ID: TB_20200818
Operator ID: ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

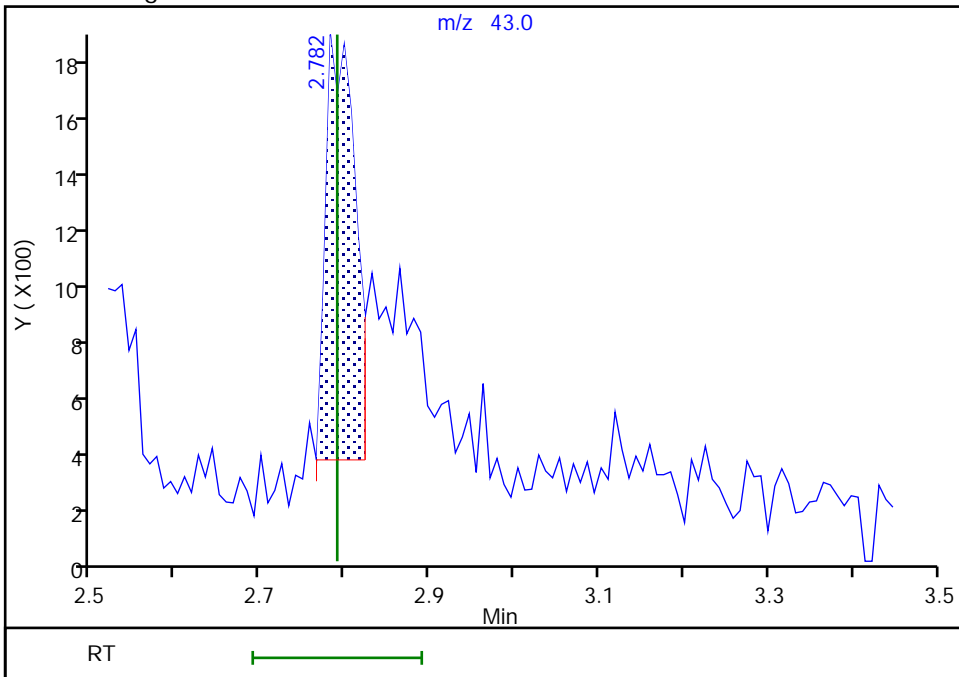
RT: 2.78
Area: 11499
Amount: 22.448036
Amount Units: ug/l

Processing Integration Results



RT: 2.78
Area: 3622
Amount: 7.070770
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:43:07
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-711441/3	F99063.D
Level 2	STD1 460-711441/4	F99064.D
Level 3	STD5 460-711441/5	F99065.D
Level 4	STD20 460-711441/6	F99066.D
Level 5	STD50 460-711441/7	F99067.D
Level 6	STD200 460-711441/8	F99068.D
Level 7	STD500 460-711441/9	F99069.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	++++ 0.0325	0.0309 0.0256	0.0303	0.0267	0.0186	Ave		0.0274			18.4		20.0				
Chlorotrifluoroethene	++++ 0.1446	0.0784 0.1117	0.1137	0.0996	0.0914	QuaF		0.1555	-0.000087					0.9950		0.9900	
1,1-Difluoroethane	++++ 0.3660	0.3070 0.2556	0.3066	0.2711	0.2750	Ave		0.2969			13.3		20.0				
Dichlorodifluoromethane	++++ 0.4736	0.3650 0.3879	0.4568	0.3886	0.3620	Ave		0.4057		0.1000	11.8		20.0				
Chlorodifluoromethane	++++ 0.4192	0.2986 0.3505	0.3873	0.2812	0.3347	Ave		0.3452			15.1		20.0				
Chloromethane	++++ 0.5038	0.4097 0.4226	0.4930	0.4612	0.4467	Ave		0.4561		0.1000	8.2		20.0				
Butadiene	++++ 0.4361	0.3191 0.3596	0.4111	0.3705	0.3550	Ave		0.3752			11.2		20.0				
Vinyl chloride	++++ 0.5328	0.3605 0.4411	0.4926	0.4446	0.4464	Ave		0.4530		0.1000	12.8		20.0				
Bromomethane	++++ 0.4269	0.3014 0.3747	0.3552	0.3398	0.3675	Ave		0.3609		0.1000	11.5		20.0				
Chloroethane	++++ 0.3294	0.3211 0.2763	0.2873	0.2719	0.2954	Ave		0.2969		0.1000	8.0		20.0				
Dichlorofluoromethane	++++ 0.6801	0.5051 0.5656	0.5964	0.5105	0.5531	Ave		0.5685			11.4		20.0				
Trichlorofluoromethane	++++ 0.5524	0.4693 0.4491	0.4874	0.4088	0.4215	Ave		0.4647		0.1000	11.2		20.0				
Pentane	++++ 2.1083	2.0692 1.8083	1.8267	2.2676	1.6270	Ave		1.9512			12.1		20.0				
Ethanol	++++ 0.0373	0.0476 0.0312	0.0247	0.0268	0.0420	QuaF		0.0412		0				1.0000		0.9900	

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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															
Ethyl ether	++++ 0.2288	0.2227 0.1656	0.2136	0.1659	0.1823	Ave		0.1965			14.6		20.0				
2-Methyl-1,3-butadiene	++++ 0.2608	0.2253 0.1990	0.2428	0.1890	0.2099	Ave		0.2211			12.3		20.0				
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2920	0.2640 0.2128	0.2714	0.2133	0.2334	Ave		0.2478			13.3		20.0				
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4638	0.3705 0.3332	0.4370	0.3440	0.3603	Ave		0.3848			13.8		20.0				
Acrolein	++++ 0.5632	0.6397 0.5394	0.4198	0.4871	0.5276	Ave		0.5295			13.9		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3148	0.3151 0.2304	0.3162	0.2351	0.2297	Ave		0.2735		0.1000	16.8		20.0				
1,1-Dichloroethene	++++ 0.3343	0.3105 0.2460	0.3149	0.2334	0.2590	Ave		0.2830		0.1000	14.8		20.0				
Acetone	++++ 0.6821	0.9072 0.6019	0.9688	0.6561	0.7111	Ave		0.7545		0.0500	19.6		20.0				
Iodomethane	++++ 0.6265	0.5558 0.4740	0.5607	0.4383	0.5004	Ave		0.5259			13.0		20.0				
Isopropyl alcohol	++++ 0.3301	0.4237 0.3779	0.3330	0.2898	0.3595	Ave		0.3523			13.1		20.0				
Carbon disulfide	++++ 1.2972	1.2460 0.9671	1.2001	0.9142	1.0026	Ave		1.1045		0.1000	14.7		20.0				
Allyl chloride	++++ 0.5136	0.5931 0.4741	0.4817	0.3726	0.4208	Ave		0.4760			16.0		20.0				
Methyl acetate	++++ 0.2304	0.2650 0.1738	0.2119	0.1733	0.1937	Ave		0.2080		0.1000	17.1		20.0				
Cyclopentene	++++ 0.7625	0.7609 0.5840	0.6861	0.5608	0.6186	Ave		0.6622			13.3		20.0				
Acetonitrile	++++ 0.9876	0.9068 0.8254	1.2149	0.9645	1.1431	Ave		1.0070			14.5		20.0				
Methylene Chloride	++++ 0.3864	0.4304 0.2854	0.3611	0.2864	0.3332	Ave		0.3471		0.1000	16.5		20.0				
2-Methyl-2-propanol	++++ 0.9838	0.7818 0.9012	0.8193	0.7512	1.0646	Ave		0.8836			13.9		20.0				
Methyl tert-butyl ether	++++ 0.7848	0.7446 0.5981	0.7748	0.6259	0.6840	Ave		0.7020		0.1000	11.2		20.0				
trans-1,2-Dichloroethene	++++ 0.3282	0.3445 0.2536	0.3332	0.2443	0.2791	Ave		0.2972		0.1000	14.7		20.0				
Acrylonitrile	0.2979 0.1288	0.1354 0.1068	0.1266	0.1017	0.1114	QuaF		0.1387	-0.000006					0.9990		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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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															
Hexane	++++ 0.2002	0.2562 0.1561	0.2326	0.1748	0.1602	QuaF		0.2199	-0.000127					0.9980		0.9900	
Isopropyl ether	++++ 0.8340	0.8448 0.6628	0.8065	0.6753	0.7529	Ave		0.7627			10.4		20.0				
1,1-Dichloroethane	++++ 0.5291	0.4772 0.4327	0.5346	0.4302	0.4687	Ave		0.4788		0.2000	9.5		20.0				
Vinyl acetate	++++ 0.0709	0.0565 0.0619	0.0480	0.0443	0.0565	Ave		0.0564			17.0		20.0				
2-Chloro-1,3-butadiene	++++ 0.2829	0.2631 0.2292	0.2718	0.2260	0.2527	Ave		0.2543			9.0		20.0				
Tert-butyl ethyl ether	++++ 0.7940	0.6550 0.6168	0.7480	0.6638	0.7184	Ave		0.6993			9.4		20.0				
2,2-Dichloropropane	++++ 0.1004	0.0826 0.0833	0.0679	0.0790	0.0847	Ave		0.0830			12.6		20.0				
cis-1,2-Dichloroethene	++++ 0.3616	0.3613 0.2929	0.2986	0.2842	0.3060	Ave		0.3174		0.1000	11.0		20.0				
Ethyl acetate	++++ 0.2830	0.2569 0.2570	0.3626	0.2890	0.2775	Ave		0.2877			13.6		20.0				
2-Butanone (MEK)	++++ 0.3213	0.2811 0.2985	0.3797	0.3181	0.3203	Ave		0.3198		0.0500	10.4		20.0				
Methyl acrylate	++++ 0.3007	0.4511 0.2613	0.3430	0.2733	0.3292	QuaF		0.3270	-0.000131					1.0000		0.9900	
Propionitrile	++++ 1.7678	1.2027 1.6118	1.6769	1.8629	1.6566	Ave		1.6298			14.0		20.0				
Chlorobromomethane	++++ 0.1839	0.1062 0.1502	0.1712	0.1459	0.1455	Ave		0.1505			17.7		20.0				
Tetrahydrofuran	++++ 0.3544	0.4438 0.3369	0.4312	0.3748	0.3401	Ave		0.3802			12.2		20.0				
Methacrylonitrile	++++ 0.1535	0.1256 0.1344	0.1056	0.1179	0.1149	Ave		0.1253			13.5		20.0				
Chloroform	++++ 0.5120	0.6492 0.4310	0.4277	0.4333	0.4114	Ave		0.4774		0.2000	19.1		20.0				
Cyclohexane	++++ 0.5373	0.4909 0.4433	0.4210	0.4091	0.3982	Ave		0.4500		0.1000	12.0		20.0				
1,1,1-Trichloroethane	++++ 0.4902	0.4126 0.4079	0.4193	0.3939	0.4076	Ave		0.4219		0.1000	8.2		20.0				
Carbon tetrachloride	++++ 0.4075	0.3254 0.3522	0.3621	0.3125	0.3281	Ave		0.3480		0.1000	9.9		20.0				
1,1-Dichloropropene	++++ 0.4057	0.3214 0.3320	0.3847	0.3290	0.3460	Ave		0.3531			9.7		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216353-1

Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08

Calibration End Date: 07/26/2020 01:19

Calibration ID: 81147

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															
Isobutyl alcohol	++++ 0.2538	0.3287 0.2619	0.2604	0.2245	0.3095	Ave		0.2731			14.1		20.0				
Benzene	++++ 1.4122	1.1626 1.2918	1.6560	1.2894	1.4189	Ave		1.3718		0.5000	12.3		20.0				
Isopropyl acetate	++++ 0.8204	0.5668 0.6381	0.6944	0.6942	0.6782	Ave		0.6820			12.2		20.0				
Tert-amyl methyl ether	++++ 0.8968	0.6229 0.7320	0.7761	0.7091	0.7127	Ave		0.7416			12.3		20.0				
1,2-Dichloroethane	++++ 0.3990	0.2851 0.3192	0.3776	0.3423	0.3271	Ave		0.3417		0.1000	12.1		20.0				
n-Heptane	++++ 0.1872	0.1675 0.1620	0.1860	0.1751	0.1604	Ave		0.1730			6.8		20.0				
n-Butanol	++++ 0.2355	0.1573 0.2489	0.1479	0.2182	0.2504	QuaF		0.2291	0.0000016					1.0000		0.9900	
Trichloroethene	++++ 0.3076	0.2401 0.2629	0.2689	0.2582	0.2720	Ave		0.2683		0.2000	8.3		20.0				
Ethyl acrylate	++++ 0.7969	0.5595 0.6657	0.5643	0.5695	0.5749	Ave		0.6218			15.2		20.0				
Methylcyclohexane	++++ 0.5892	0.4485 0.5002	0.4130	0.4365	0.4207	Ave		0.4680		0.1000	14.3		20.0				
1,2-Dichloropropane	++++ 0.3125	0.2483 0.2609	0.2633	0.2514	0.2615	Ave		0.2663		0.1000	8.8		20.0				
Methyl methacrylate	++++ 0.0988	0.0705 0.0846	0.0718	0.0700	0.0729	Ave		0.0781			14.8		20.0				
1,4-Dioxane	++++ 0.8118	0.8212 0.9593	1.0130	0.9143	0.8922	Ave		0.9020			8.7		20.0				
Dibromomethane	++++ 0.2078	0.1942 0.1704	0.1804	0.1659	0.1731	Ave		0.1819			8.8		20.0				
n-Propyl acetate	++++ 0.4222	0.3217 0.3370	0.3192	0.3218	0.3424	Ave		0.3440			11.5		20.0				
Dichlorobromomethane	++++ 0.4325	0.3865 0.3515	0.3501	0.3328	0.3233	Ave		0.3628		0.2000	11.1		20.0				
2-Chloroethyl vinyl ether	++++ 0.1963	0.1191 0.1650	0.1321	0.1416	0.1184	QuaF		0.2026	-0.000074					0.9960		0.9900	
2-Nitropropane	++++ 0.0826	0.0868 0.0672	0.0749	0.0643	0.0604	Ave		0.0727			14.5		20.0				
Epichlorohydrin	0.3822 0.2479	0.1817 0.2387	0.2418	0.2345	0.2212	QuaF		0.2494	-0.000001					1.0000		0.9900	
cis-1,3-Dichloropropene	++++ 0.6163	0.6007 0.5329	0.6240	0.5036	0.5407	Ave		0.5697		0.2000	8.8		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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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															
4-Methyl-2-pentanone (MIBK)	++++ 2.3819	1.6448 2.2879	2.4749	2.4401	2.2294	Ave		2.2432		0.0500	13.7		20.0				
Toluene	++++ 1.6784	1.5964 1.4809	1.7908	1.4614	1.5687	Ave		1.5961		0.4000	7.8		20.0				
trans-1,3-Dichloropropene	++++ 0.5470	0.3549 0.4791	0.5373	0.4534	0.5088	Ave		0.4801		0.1000	14.7		20.0				
Ethyl methacrylate	++++ 0.5179	0.3206 0.4583	0.4798	0.4262	0.4817	Ave		0.4474			15.4		20.0				
1,1,2-Trichloroethane	++++ 0.2826	0.2325 0.2474	0.3200	0.2407	0.2811	Ave		0.2674		0.1000	12.4		20.0				
Tetrachloroethene	++++ 0.3712	0.2813 0.3183	0.4299	0.3330	0.3715	Ave		0.3509		0.2000	14.7		20.0				
1,3-Dichloropropane	++++ 0.5789	0.5427 0.5230	0.5098	0.4809	0.5785	Ave		0.5356			7.3		20.0				
2-Hexanone	++++ 1.4829	1.1115 1.5010	1.3994	1.2563	1.4534	Ave		1.3674		0.0500	11.2		20.0				
n-Butyl acetate	++++ 0.5141	0.4763 0.4757	0.5009	0.4316	0.4912	Ave		0.4816			5.9		20.0				
Chlorodibromomethane	++++ 0.3776	0.3638 0.3445	0.3458	0.3068	0.3482	Ave		0.3478		0.1000	6.9		20.0				
Ethylene Dibromide	++++ 0.3402	0.2756 0.3131	0.3194	0.2870	0.3526	Ave		0.3146		0.1000	9.4		20.0				
Chlorobenzene	++++ 0.9840	0.9795 0.9863	1.0380	0.9564	1.0077	Ave		0.9920		0.5000	2.8		20.0				
Ethylbenzene	++++ 0.5587	0.5063 0.5660	0.5719	0.5360	0.5620	Ave		0.5501		0.1000	4.5		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3709	0.3217 0.3627	0.3856	0.3486	0.3781	Ave		0.3613			6.4		20.0				
m-Xylene & p-Xylene	++++ 0.6844	0.5671 0.6738	0.6419	0.6528	0.7085	Ave		0.6547		0.1000	7.5		20.0				
n-Butyl acrylate	++++ 0.3322	0.2418 0.3158	0.2564	0.2681	0.3017	Ave		0.2860			12.5		20.0				
o-Xylene	++++ 0.7836	0.6551 0.7452	0.7022	0.6201	0.7284	Ave		0.7058		0.3000	8.5		20.0				
Styrene	++++ 1.2181	0.9442 1.1731	1.0509	0.9561	1.1639	Ave		1.0844		0.3000	10.9		20.0				
Amyl acetate (mixed isomers)	++++ 1.1170	0.5892 1.1958	0.9891	1.0127	1.2594	QuaF		1.0878	0.0002146					1.0000		0.9900	
Bromoform	++++ 0.2555	0.2141 0.2469	0.2555	0.2039	0.2635	Ave		0.2399		0.1000	10.3		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.: 460-216353-1

Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08

Calibration End Date: 07/26/2020 01:19

Calibration ID: 81147

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															
Isopropylbenzene	++++ 2.0271	1.2066 1.8734	1.6960	1.5126	1.9823	Ave		1.7163		0.1000	18.3		20.0				
Bromobenzene	++++ 0.7193	0.5746 0.7860	0.7392	0.6915	0.7591	Ave		0.7116			10.5		20.0				
1,1,2,2-Tetrachloroethane	++++ 0.7431	0.6674 0.8232	0.7381	0.7021	0.8049	Ave		0.7465		0.3000	7.9		20.0				
N-Propylbenzene	++++ 3.9089	2.4889 3.9852	3.4160	3.4899	3.9844	Ave		3.5456			16.2		20.0				
1,2,3-Trichloropropane	++++ 0.2341	0.1936 0.2486	0.2724	0.2288	0.2514	Ave		0.2381			11.2		20.0				
trans-1,4-Dichloro-2-butene	++++ 0.1830	0.1511 0.1873	0.2155	0.1830	0.2119	Ave		0.1887			12.4		20.0				
2-Chlorotoluene	++++ 2.6291	1.7971 2.9956	2.4515	2.3619	2.7723	Ave		2.5012			16.5		20.0				
4-Ethyltoluene	++++ 3.2221	2.0299 3.5894	2.9082	2.9168	3.4441	Ave		3.0184			18.4		20.0				
1,3,5-Trimethylbenzene	++++ 2.7997	1.6104 3.1003	2.3164	2.4266	2.8736	QuaF		2.6249	0.0009494					1.0000		0.9900	
4-Chlorotoluene	++++ 2.2915	1.5211 2.4527	2.1671	2.1442	2.4663	Ave		2.1738			16.0		20.0				
Butyl Methacrylate	++++ 1.0207	0.4793 1.1198	0.7171	0.8661	1.0701	QuaF		0.9655	0.0003080					1.0000		0.9900	
tert-Butylbenzene	++++ 2.3659	1.3529 2.6033	1.8663	1.9438	2.3513	QuaF		2.2147	0.0007769					1.0000		0.9900	
1,2,4-Trimethylbenzene	++++ 3.0852	1.9474 3.0985	2.4861	2.6124	3.2176	Ave		2.7412			17.8		20.0				
sec-Butylbenzene	++++ 3.9104	2.3579 3.6529	3.0330	3.2236	3.6408	Ave		3.3031			17.0		20.0				
1,3-Dichlorobenzene	++++ 1.6023	1.4061 1.7209	1.5752	1.5244	1.6729	Ave		1.5837		0.6000	7.0		20.0				
4-Isopropyltoluene	++++ 3.5205	2.1030 3.3786	2.6546	2.7668	3.3970	Ave		2.9701			18.7		20.0				
1,4-Dichlorobenzene	++++ 1.4907	1.3753 1.6907	1.5850	1.4832	1.5822	Ave		1.5345		0.5000	7.1		20.0				
1,2,3-Trimethylbenzene	++++ 3.1032	2.1837 3.2721	2.8249	2.8482	3.1228	Ave		2.8925			13.4		20.0				
Benzyl chloride	++++ 1.4387	1.2553 1.5265	1.2957	1.3695	1.4654	Ave		1.3919			7.5		20.0				
Indan	++++ 3.1975	2.2928 3.1951	2.7920	2.9662	3.2600	Ave		2.9506			12.4		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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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															
p-Diethylbenzene	++++ 1.7112	1.2666 1.9401	1.5911	1.6251	1.8147	Ave		1.6581			13.9		20.0				
n-Butylbenzene	++++ 1.6750	1.2549 1.9215	1.7050	1.6307	1.7794	Ave		1.6611			13.5		20.0				
1,2-Dichlorobenzene	++++ 1.6353	1.4044 1.7576	1.6644	1.6286	1.7213	Ave		1.6353		0.4000	7.6		20.0				
1,2,4,5-Tetramethylbenzene	++++ 3.4530	1.9490 3.1409	2.8101	3.0218	2.7728	Ave		2.8579			17.8		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.2026	0.1435 0.1927	0.2156	0.1892	0.1773	Ave		0.1868		0.0500	13.3		20.0				
1,3,5-Trichlorobenzene	++++ 1.3085	1.0418 1.3259	1.3281	1.2856	1.2246	Ave		1.2524			8.8		20.0				
1,2,4-Trichlorobenzene	++++ 1.2204	0.9736 1.2314	1.1993	1.2552	1.2724	Ave		1.1920		0.2000	9.2		20.0				
Hexachlorobutadiene	++++ 0.4874	0.3832 0.4808	0.5227	0.4699	0.4866	Ave		0.4718			9.9		20.0				
Naphthalene	++++ 3.4228	2.5084 3.2075	2.9930	3.0543	3.3684	Ave		3.0924			10.7		20.0				
1,2,3-Trichlorobenzene	++++ 1.1539	0.8391 1.1290	1.1974	1.1830	1.2120	Ave		1.1191			12.5		20.0				
Dibromofluoromethane (Surr)	0.2728 0.2855	0.2949 0.2463	0.2445	0.2384	0.2473	Ave		0.2614			8.7		20.0				
1,2-Dichloroethane-d4 (Surr)	0.3576 0.3520	0.2668 0.3015	0.2929	0.2874	0.2763	Ave		0.3049			11.8		20.0				
Toluene-d8 (Surr)	1.1976 1.4148	1.6311 1.2159	1.5223	1.3002	1.3151	Ave		1.3710			11.7		20.0				
4-Bromofluorobenzene	0.4532 0.3883	0.4063 0.3851	0.4187	0.3429	0.3671	Ave		0.3945			9.1		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-711441/3	F99063.D
Level 2	STD1 460-711441/4	F99064.D
Level 3	STD5 460-711441/5	F99065.D
Level 4	STD20 460-711441/6	F99066.D
Level 5	STD50 460-711441/7	F99067.D
Level 6	STD200 460-711441/8	F99068.D
Level 7	STD500 460-711441/9	F99069.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Monochloropentafluoroethane	FB	Ave	++++ 62382	309 158008	1506	5696	10085	++++ 200	1.00 500	5.00	20.0	50.0
Chlorotrifluoroethene	FB	QuaF	++++ 278034	784 689689	5655	21280	49591	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	++++ 703498	3068 1578456	15254	57923	149255	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 910257	3648 2395442	22725	83045	196483	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 805772	2984 2164371	19264	60096	181657	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 968300	4094 2609434	24525	98553	242436	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 838265	3189 2220643	20448	79162	192676	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 1024110	3603 2723553	24503	94998	242279	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 820650	3012 2313588	17668	72599	199452	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 633235	3209 1706065	14291	58109	160337	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1307149	5048 3492581	29666	109089	300208	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 1061746	4690 2773304	24248	87342	228785	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 224178	1344 549699	4647	19281	45812	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	QuaF	++++ 79345	619 189940	1258	4553	23644	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 439766	2226 1022602	10628	35454	98958	++++ 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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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	++++ 501235	2252 1228633	12078	40391	113947	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 561194	2638 1314084	13502	45573	126662	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 891399	3703 2057843	21740	73515	195566	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 29941	831 65590	2136	4142	14855	++++ 200	4.00 400	20.0	40.0	100
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 605083	3149 1422607	15730	50241	124669	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 642490	3103 1519347	15663	49866	140602	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 895162	6894 2232181	24341	74145	214580	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 1204173	5555 2926831	27890	93647	271616	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 175507	1376 574344	4236	12321	50607	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 2493343	12452 5972057	59700	195348	544183	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 987230	5927 2927883	23962	79606	228383	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 885803	5297 2146657	21085	74044	210232	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 1465643	7604 3606418	34130	119837	335759	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 525045	2945 1254542	15453	41004	160933	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 742686	4301 1762384	17962	61190	180860	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 523054	2539 1369709	10421	31936	149887	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 1508581	7441 3693039	38543	133739	371263	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 630935	3443 1566289	16575	52208	151486	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	QuaF	5695 2476045	13528 6593174	62962	217412	604811	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	QuaF	++++ 384734	2560 963816	11571	37360	86973	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1603005	8443 4092764	40121	144301	408679	++++ 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.: 460-216353-1

Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08

Calibration End Date: 07/26/2020 01:19

Calibration ID: 81147

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	++++ 1016986	4769 2671798	26596	91932	254401	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 272552	1130 764196	4775	18932	61360	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 543711	2629 1415149	13519	48296	137161	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1526181	6546 3808902	37210	141843	389943	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 192890	825 514183	3379	16884	45948	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 695009	3611 1808875	14856	60724	166087	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 148555	781 381254	3644	13063	33500	++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	++++ 421656	2136 1106937	9540	35948	96651	++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	CBNZ d5	QuaF	++++ 525514	3358 1383801	11052	46571	127215	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 939851	3906 2449738	21329	79199	233232	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 353565	1061 927425	8514	31181	78973	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 186025	1349 499756	4334	16942	41054	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2950859	12549 8297937	52521	251836	623931	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 984121	6488 2661569	21275	92588	223312	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1032748	4906 2737708	20941	87416	216132	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 942172	4123 2518529	20856	84159	221239	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 783262	3252 2175168	18013	66772	178067	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 779789	3212 2050044	19135	70304	187797	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 337327	2669 995005	8280	23866	108931	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 2467919	8655 6840958	53362	219686	548234	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1576833	5664 3940551	34541	148330	368102	++++ 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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

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	++++ 1723670	6225 4520112	38606	151528	386853	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 766839	2849 1970845	18786	73138	177561	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 359817	1674 1000556	9253	37423	87068	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	QuaF	++++ 312971	1277 945655	4704	23196	88117	++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	++++ 591183	2399 1623229	13377	55181	147650	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1531781	5591 4110678	28073	121691	312046	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1132532	4482 3089037	20546	93279	228344	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 600744	2481 1611023	13099	53727	141960	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 379987	1409 1045400	7144	29906	79109	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 92401	1166 237486	2139	7987	27392	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 399414	1941 1052092	8972	35440	93936	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 811518	3215 2080774	15878	68763	185860	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 831395	3863 2170432	17418	71101	175499	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	QuaF	++++ 378174	1193 1021130	6586	30323	64433	++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	FB	Ave	++++ 317719	1735 829397	7449	27483	65621	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	QuaF	2565 1301495	5523 3540629	24298	105978	266951	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1077060	4472 2822197	20107	85807	208928	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 3125805	12499 8485086	62183	275740	672722	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 2933170	11884 7842502	57704	248982	606135	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 955958	2642 2537017	17313	77252	196613	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 905015	2387 2427249	15461	72606	186113	++++ 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.: 460-216353-1

Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08

Calibration End Date: 07/26/2020 01:19

Calibration ID: 81147

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	++++ 493844	1731 1310262	10311	41005	108618	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 648701	2094 1685484	13854	56734	143526	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1011682	4040 2769742	16428	81930	223539	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1946062	8446 5566631	35161	141965	438555	++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	++++ 898458	3546 2519107	16140	73532	189788	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 659867	2708 1824332	11144	52269	134549	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 594519	2052 1658314	10291	48892	136230	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1719638	7292 5223345	33447	162938	389376	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 976348	3769 2997224	18428	91325	217144	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 648181	2395 1920884	12426	59392	146109	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1196021	4222 3568020	20683	111215	273748	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 580575	1800 1672581	8262	45673	116582	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1369384	4877 3946078	22626	105655	281443	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 2128751	7029 6212070	33863	162893	449704	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	QuaF	++++ 1166247	3023 3380272	19898	91747	272355	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 446568	1594 1307278	8233	34743	101822	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 3542661	8982 9920953	54650	257706	765918	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 750976	2948 2221795	14870	62646	164148	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 775892	3424 2326939	14849	63610	174069	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 4081322	12769 11265448	68720	316180	861635	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 244383	993 702746	5479	20730	54360	++++ 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.: 460-216353-1

Analy Batch No.: 711441

SDG No.:

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08

Calibration End Date: 07/26/2020 01:19

Calibration ID: 81147

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	++++ 191109	775 529501	4336	16583	45827	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 2745050	9220 8468028	49316	213979	599510	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 3364224	10414 10146738	58504	264259	744785	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	QuaF	++++ 2923198	8262 8764178	46599	219846	621412	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2392603	7804 6933422	43596	194263	533345	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 1065675	2459 3165495	14426	78468	231415	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	QuaF	++++ 2470195	6941 7359124	37544	176103	508475	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 3221225	9991 8758832	50012	236675	695809	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 4082856	12097 10326028	61015	292048	787319	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1673017	7214 4864599	31689	138110	361765	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 3675779	10789 9550777	53402	250669	734608	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1556454	7056 4779338	31885	134372	342159	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 3240102	11203 9249689	56828	258042	675296	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1502189	6440 4315131	26065	124077	316894	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 3338475	11763 9032145	56167	268728	704973	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1786641	6498 5484392	32007	147230	392433	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 1748910	6438 5431721	34299	147734	384786	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1707403	7205 4968574	33482	147546	372228	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 3605282	9999 8878855	56530	273769	599615	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 211513	736 544662	4338	17139	38341	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 1366205	5345 3748184	26717	116470	264813	++++ 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.: 460-216353-1 Analy Batch No.: 711441

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/25/2020 17:08 Calibration End Date: 07/26/2020 01:19 Calibration ID: 81147

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1274253	4995 3480935	24126	113716	275153	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 508912	1966 1359162	10515	42569	105220	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 3573763	12869 9067070	60210	276711	728408	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 1204746	4305 3191463	24088	107181	262087	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	130402 137210	147357 152085	121650	127358	134216	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	170930 169130	133308 186206	145725	153520	149962	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	457042 618138	607119 643905	490530	553800	508149	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	172931 169642	151247 203937	134908	146060	141847	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 25-Jul-2020 17:08:30 ALS Bottle#: 3 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0113918-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:09:42 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:10:08

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	3.185	3.168	0.017	0	349228	1000.0	1000.0	
35 Acrylonitrile	53	3.431	3.423	0.008	94	5695	2.00	4.30	
* 42 2-Butanone-d5	46	4.220	4.212	0.008	0	335519	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.672	0.008	96	130402	50.0	52.2	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.017	0.008	0	170930	50.0	58.6	
* 65 Fluorobenzene	96	5.296	5.288	0.008	99	477935	50.0	50.0	
* 71 1,4-Dioxane-d8	96	5.987	5.970	0.017	0	45323	1000.0	1000.0	
79 Epichlorohydrin	57	6.652	6.636	0.016	95	2565	5.00	7.66	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.940	0.008	99	457042	50.0	43.7	
* 93 Chlorobenzene-d5	117	8.723	8.714	0.009	85	381617	50.0	50.0	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	88	172931	50.0	57.4	
* 120 1,4-Dichlorobenzene-d4	152	10.917	10.900	0.017	96	256891	50.0	50.0	

Reagents:

GASES Li_00378	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00076	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 0.00	Units: uL	
ACROLEIN W_00109	Amount Added: 0.00	Units: uL	
8FreonHi_00021	Amount Added: 0.00	Units: uL	
MIX I Hi_00127	Amount Added: 0.00	Units: uL	
524freon_00025	Amount Added: 0.00	Units: uL	
14DIOXINTER_00117	Amount Added: 0.00	Units: uL	
Ethanol mix_00042	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00101	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\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

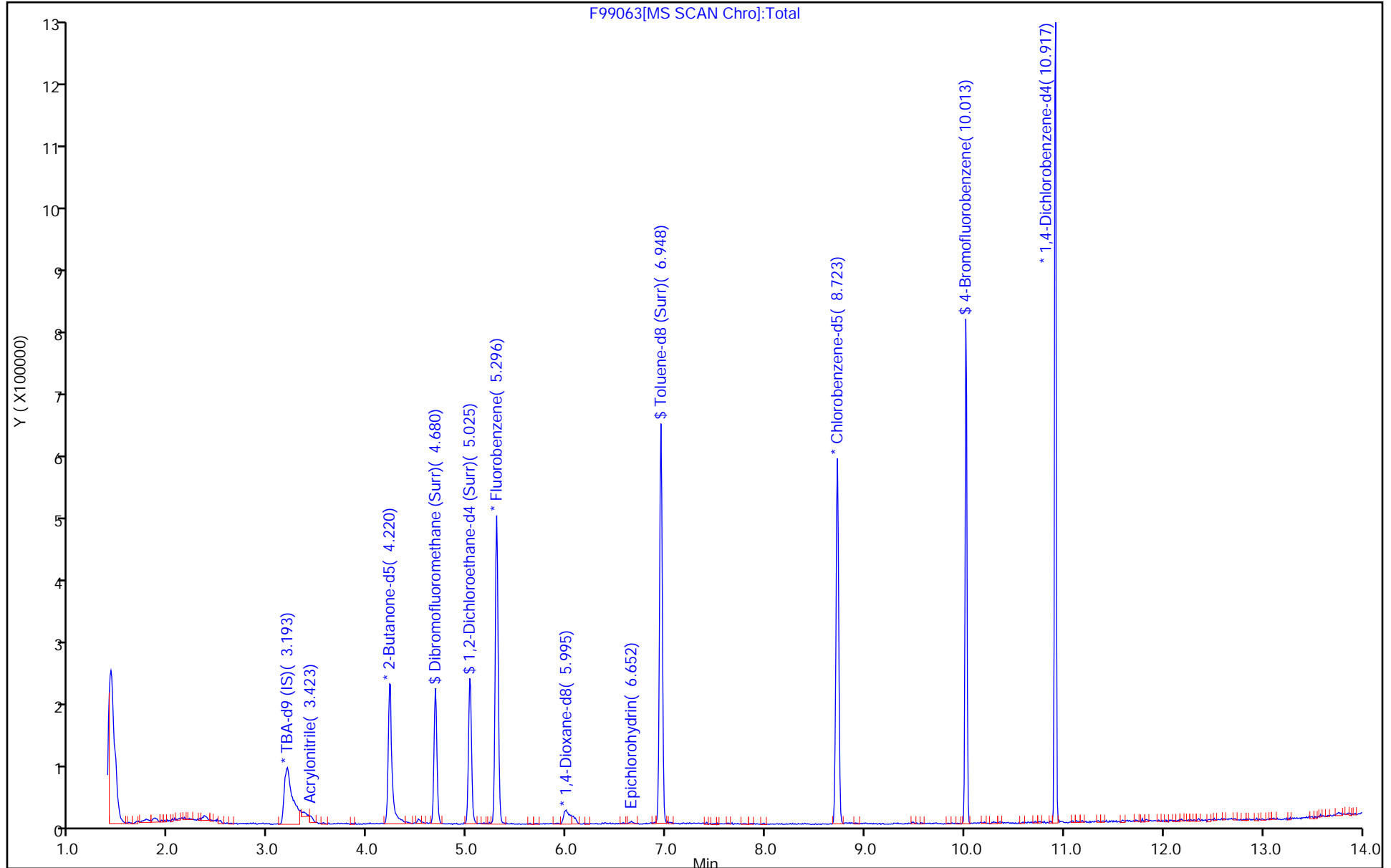
Dil. Factor: 1.0000

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\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

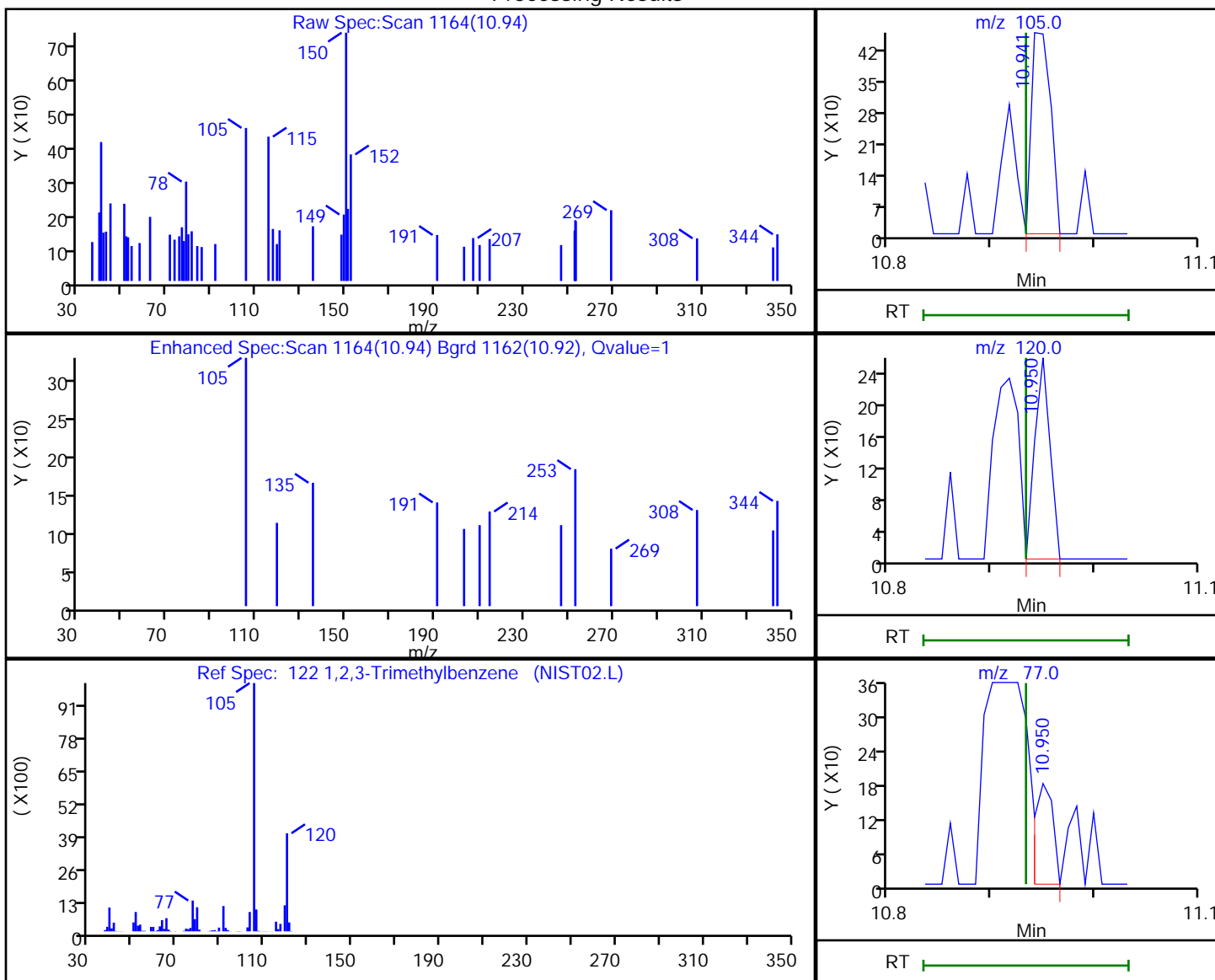
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

122 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.94	105.00	589	
10.95	120.00	262	
10.95	77.00	219	

Reviewer: kluseys, 26-Jul-2020 12:05:06

Audit Action: Marked Compound Undetected

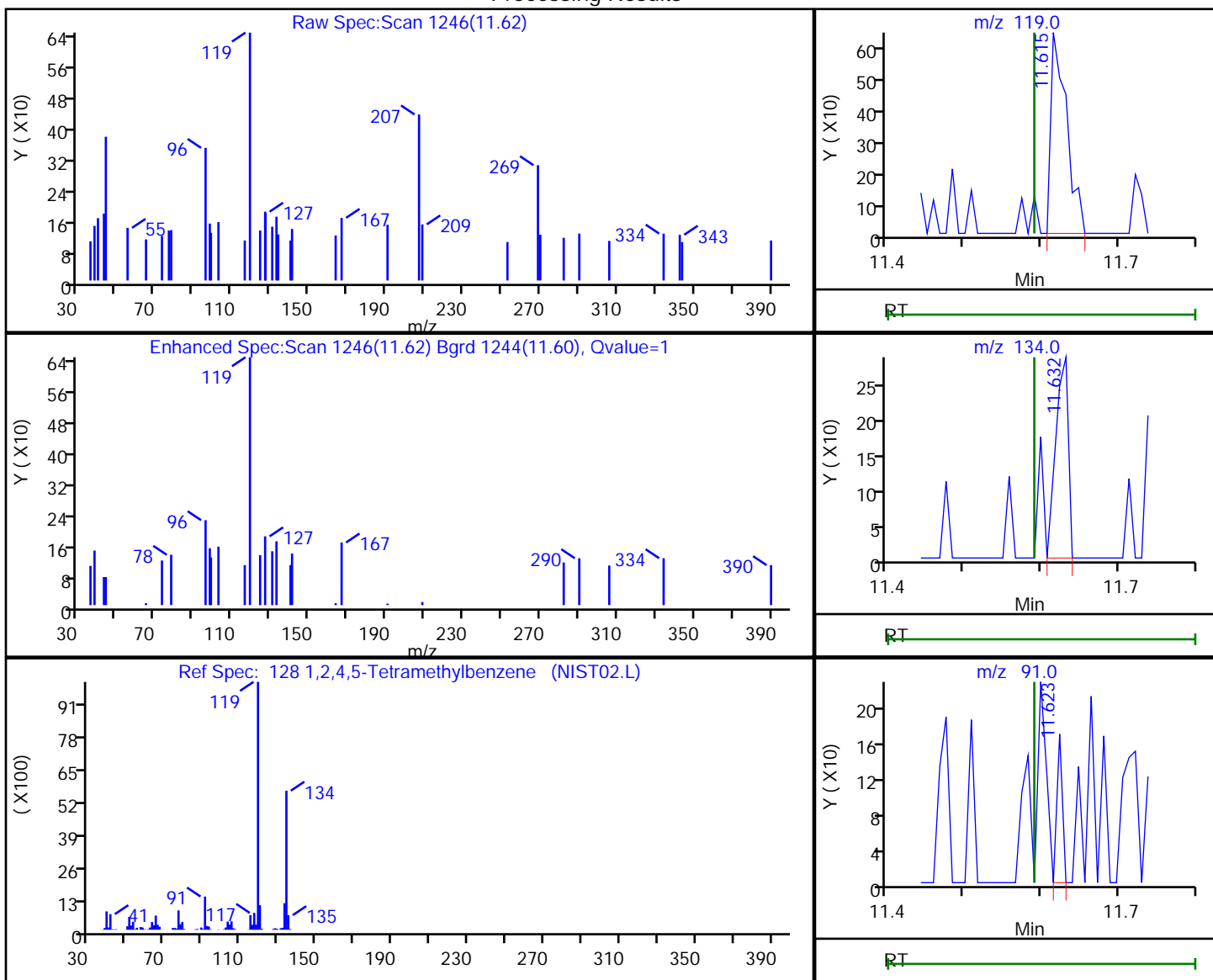
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

128 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.62	119.00	920	0.062655
11.63	134.00	318	
11.62	91.00	81	

Reviewer: kluseys, 26-Jul-2020 12:05:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

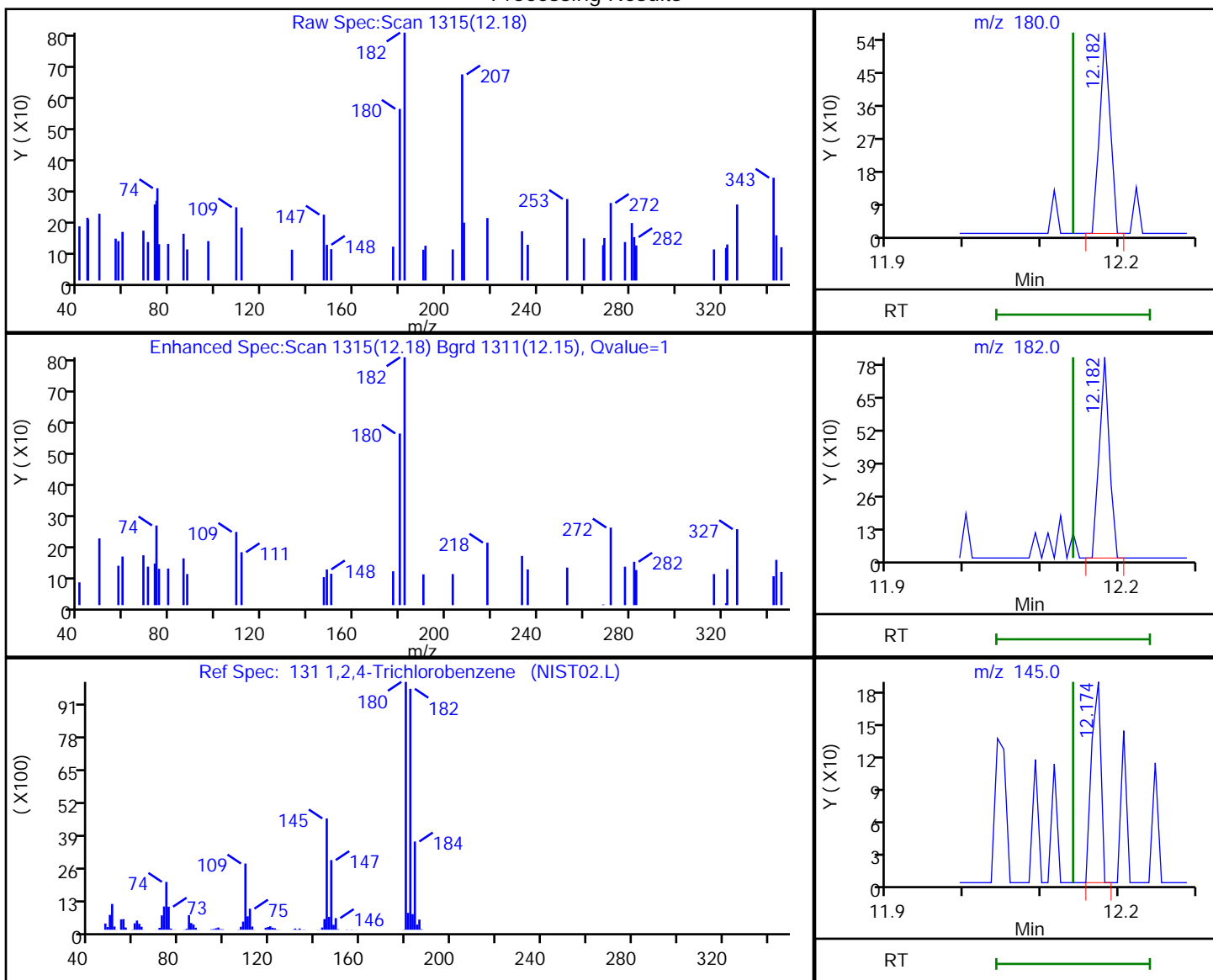
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

131 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.18	180.00	529	0.086374
12.18	182.00	732	
12.17	145.00	153	

Reviewer: kluseys, 26-Jul-2020 12:05:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

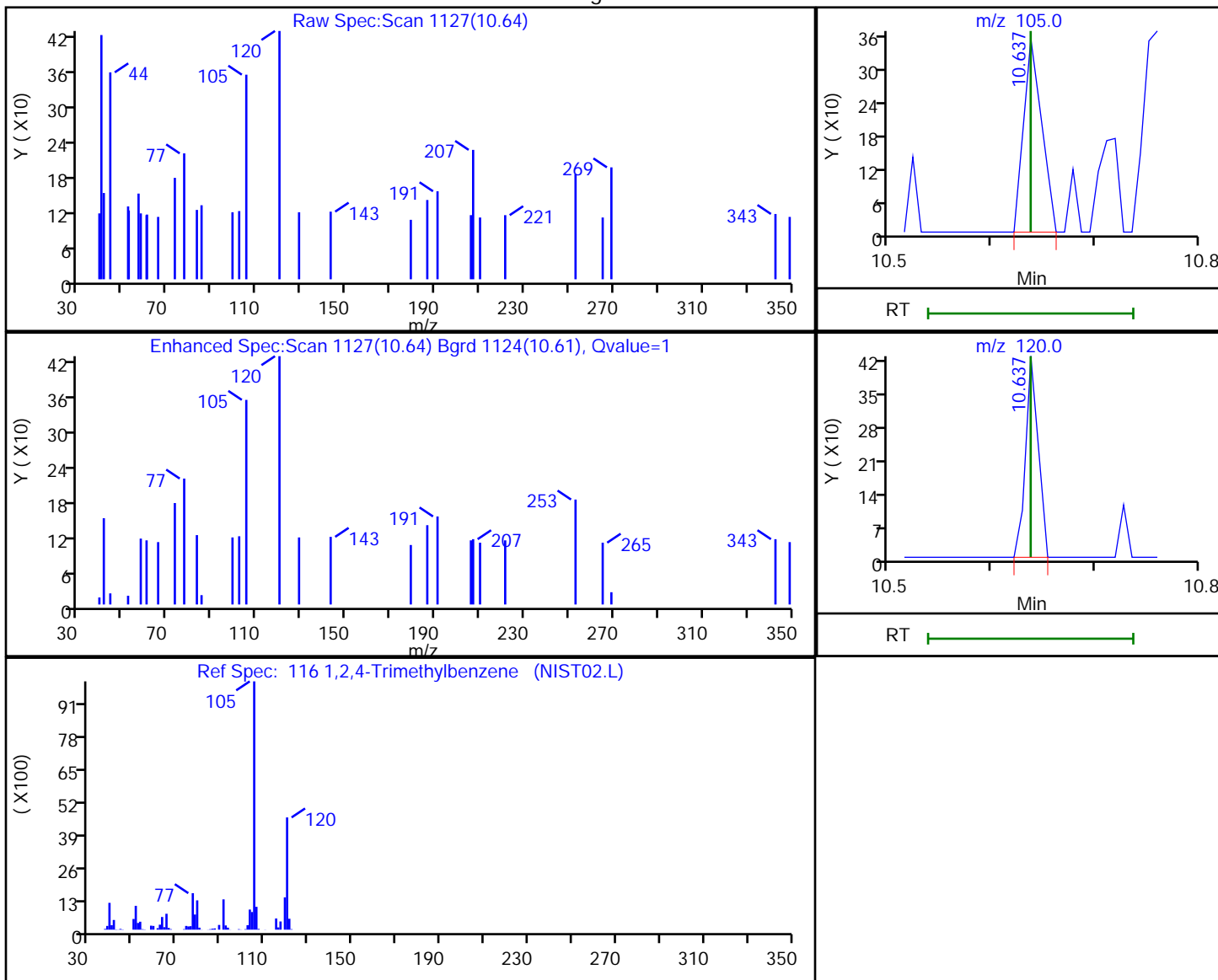
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

116 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.64	105.00	429	0.030461
10.64	120.00	364	

Reviewer: kluseys, 26-Jul-2020 12:05:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

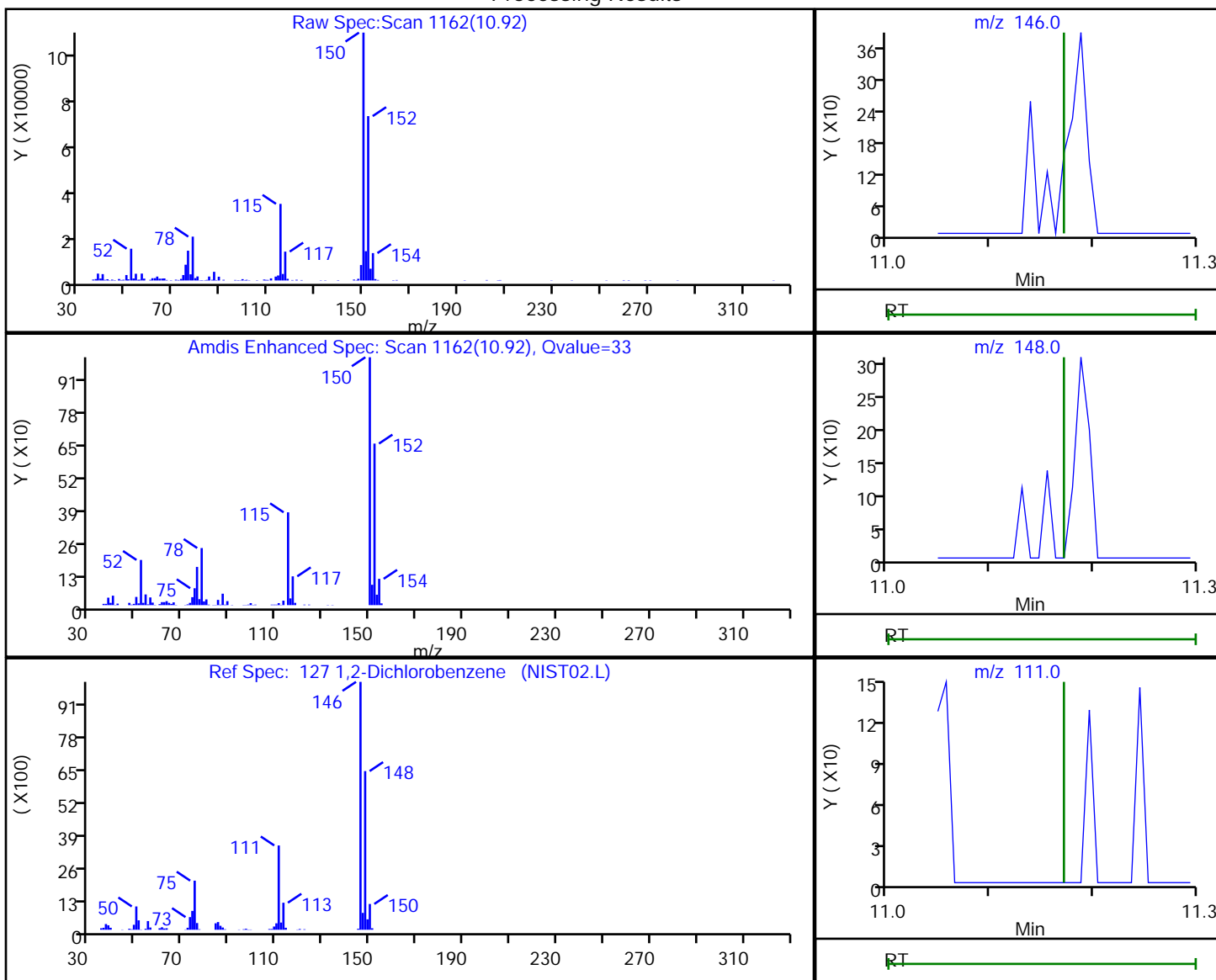
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

127 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.92	146.00	587	0.069867
10.92	148.00	1213	
10.92	111.00	3495	

Reviewer: kluseys, 26-Jul-2020 12:05:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

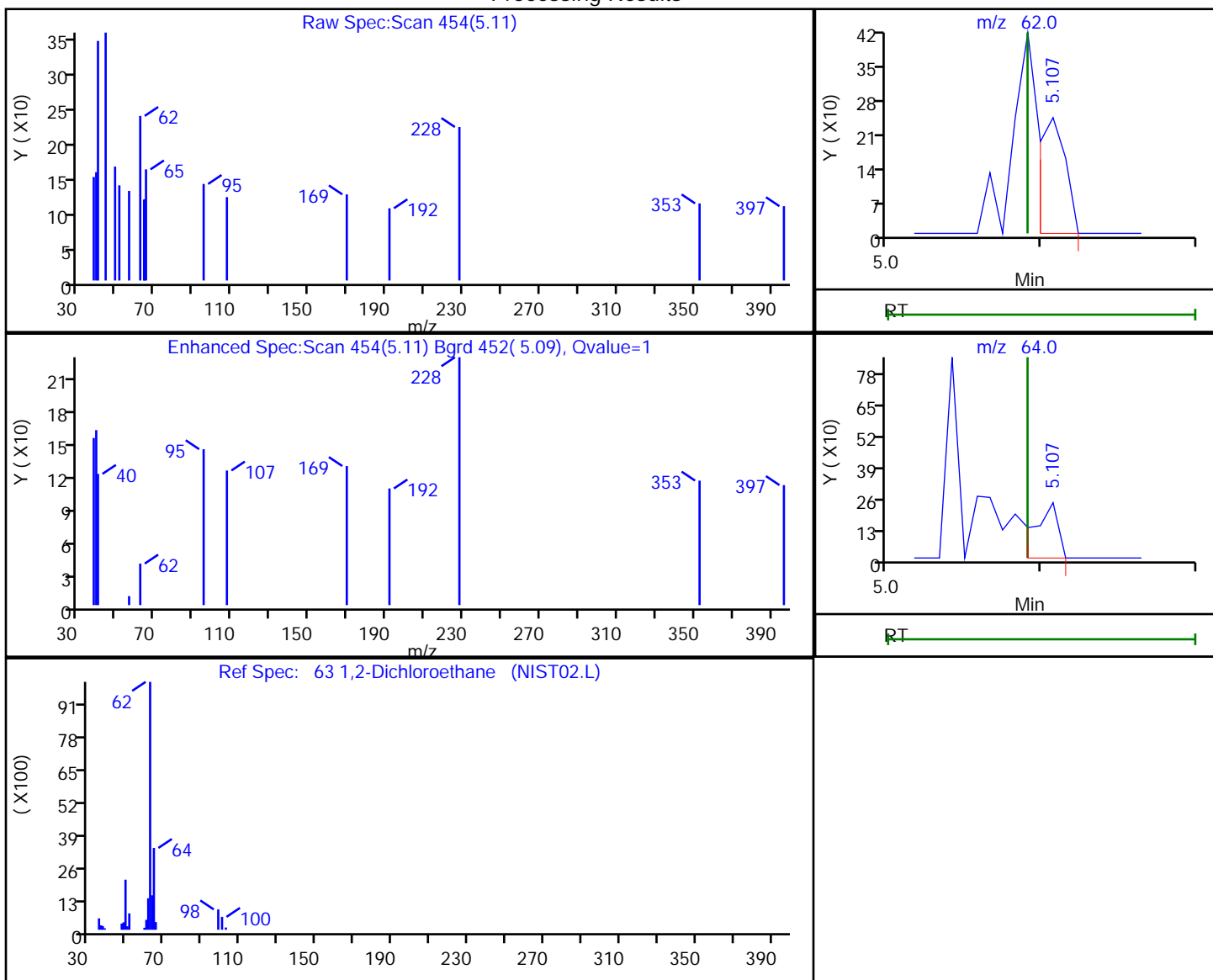
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
5.11	62.00	286	0.087561
5.11	64.00	245	

Reviewer: kluseys, 26-Jul-2020 12:04:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

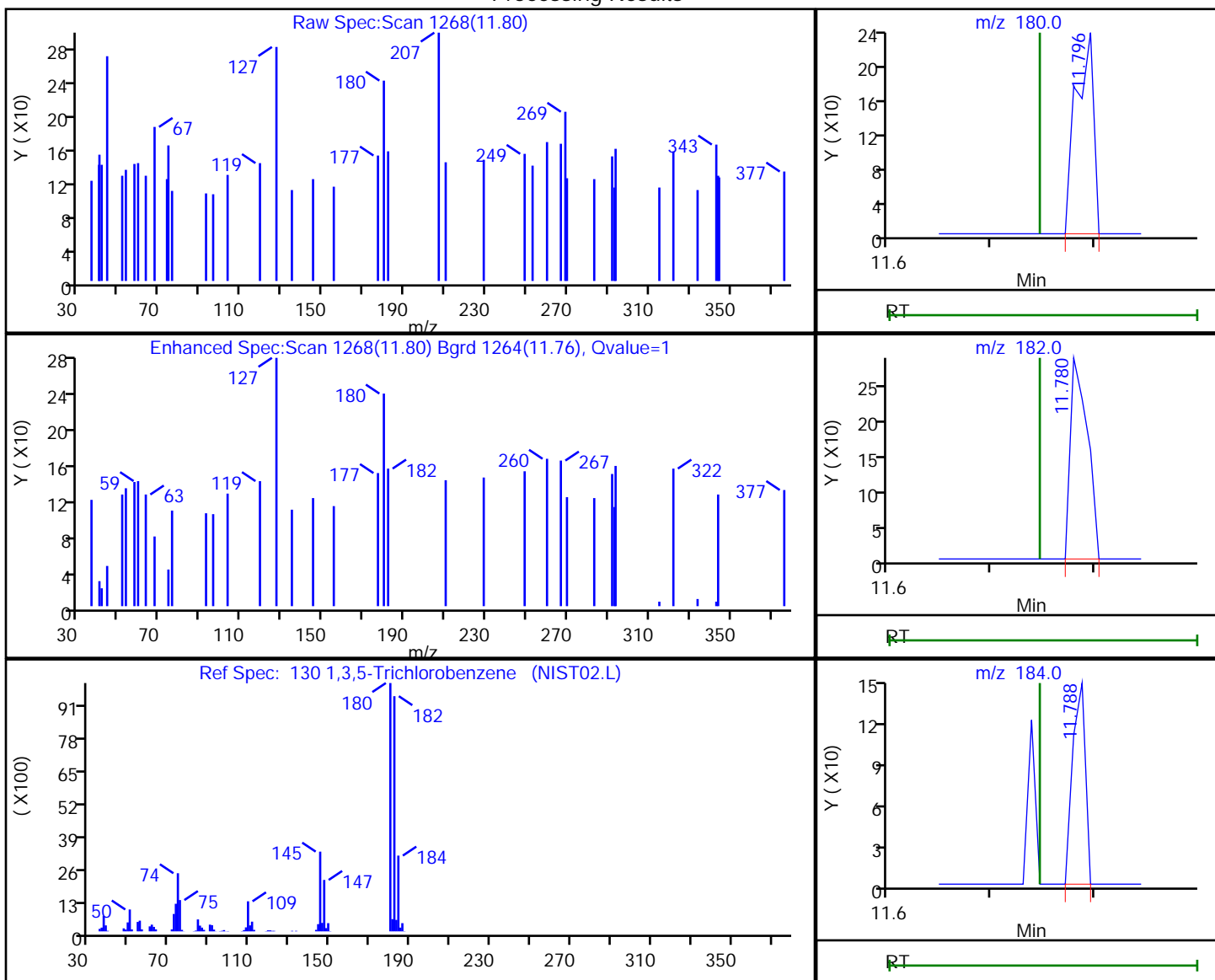
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

130 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.80	180.00	282	0.043825
11.78	182.00	327	
11.79	184.00	126	

Reviewer: kluseys, 26-Jul-2020 12:05:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

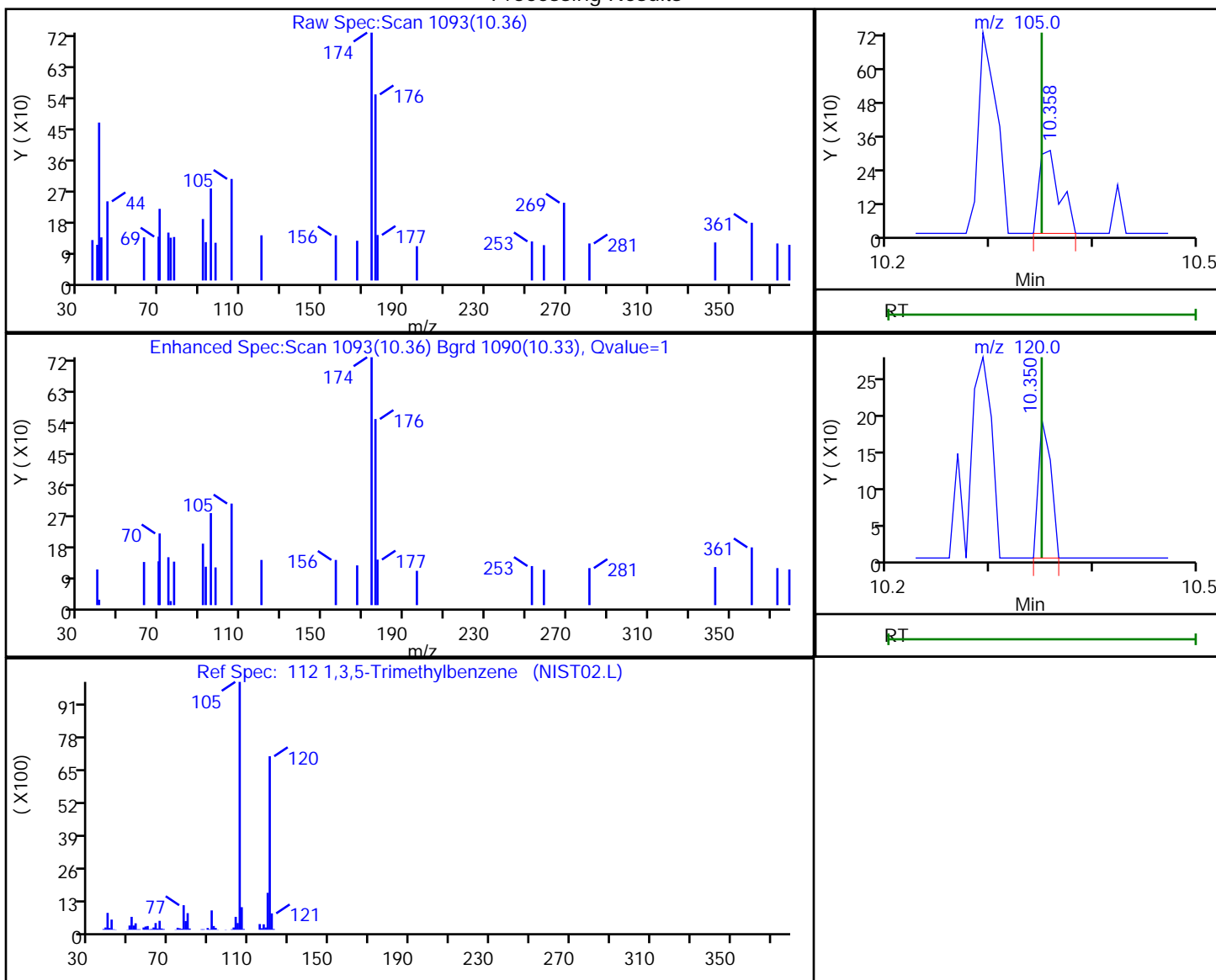
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

112 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
10.36	105.00	414	0.030698
10.35	120.00	158	

Reviewer: kluseys, 26-Jul-2020 12:05:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

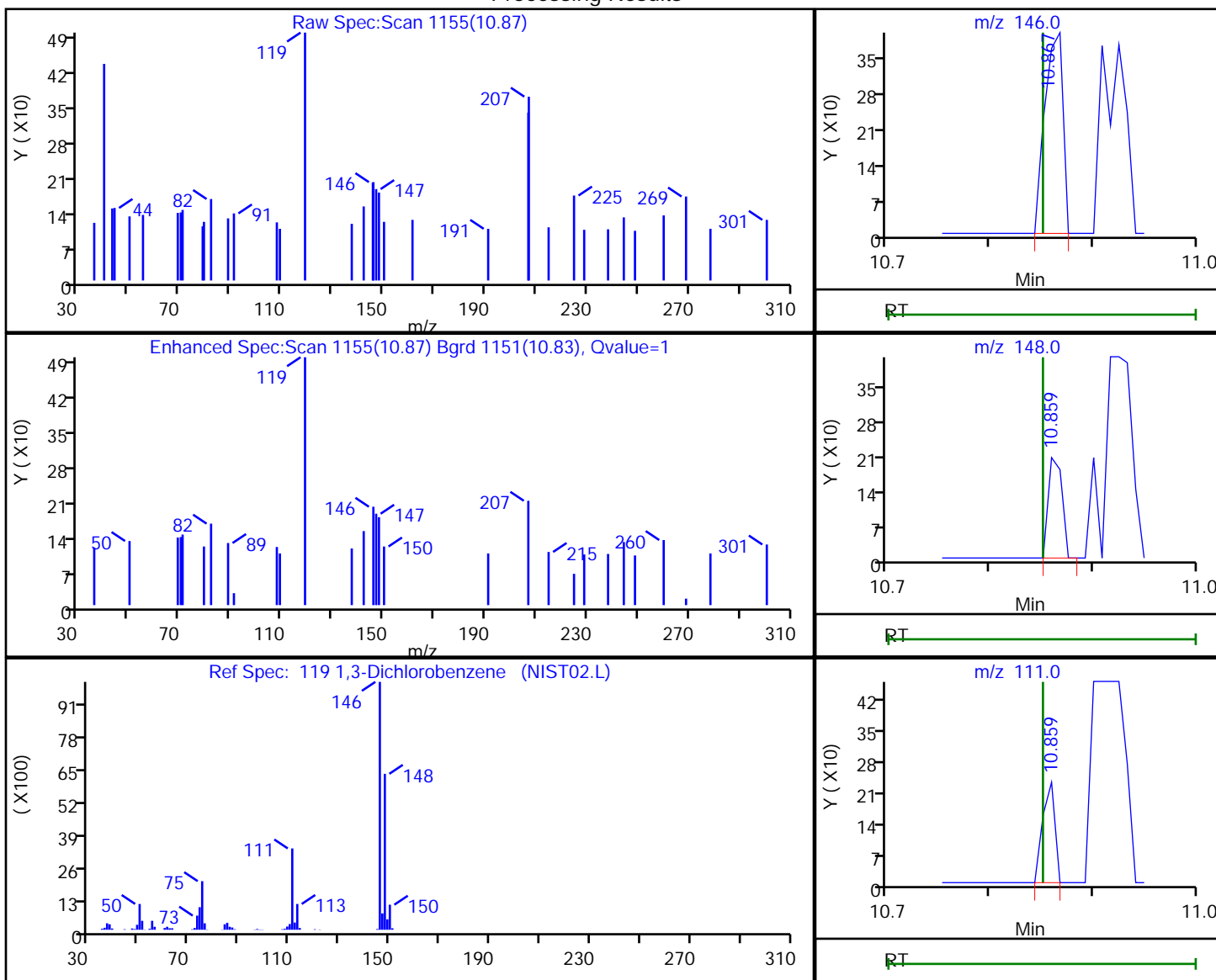
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

119 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.87	146.00	484	0.059485
10.86	148.00	186	
10.86	111.00	187	

Reviewer: kluseys, 26-Jul-2020 12:05:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

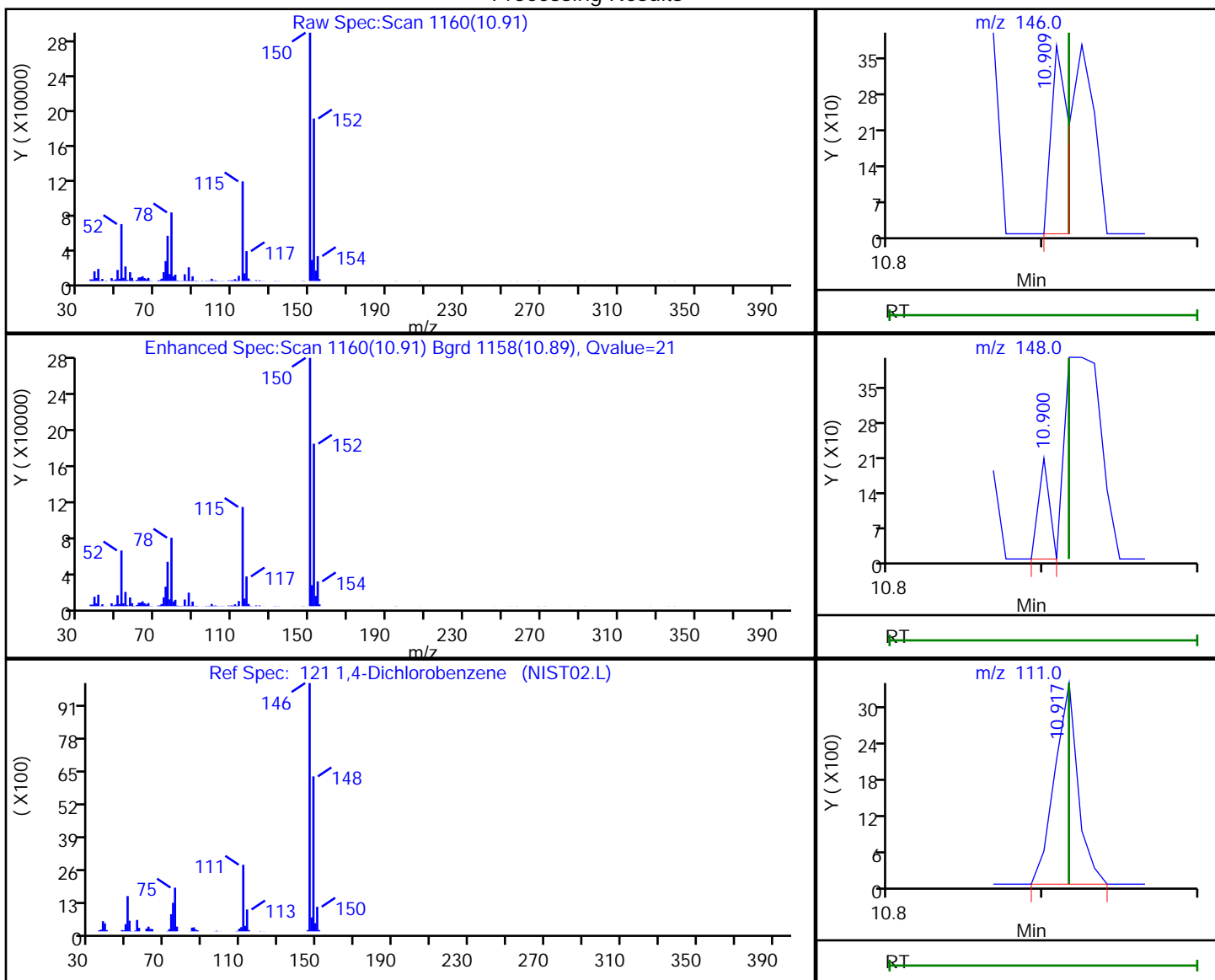
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

121 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.91	146.00	287	0.036402
10.90	148.00	99	
10.92	111.00	3495	

Reviewer: kluseys, 26-Jul-2020 12:05:06

Audit Action: Marked Compound Undetected

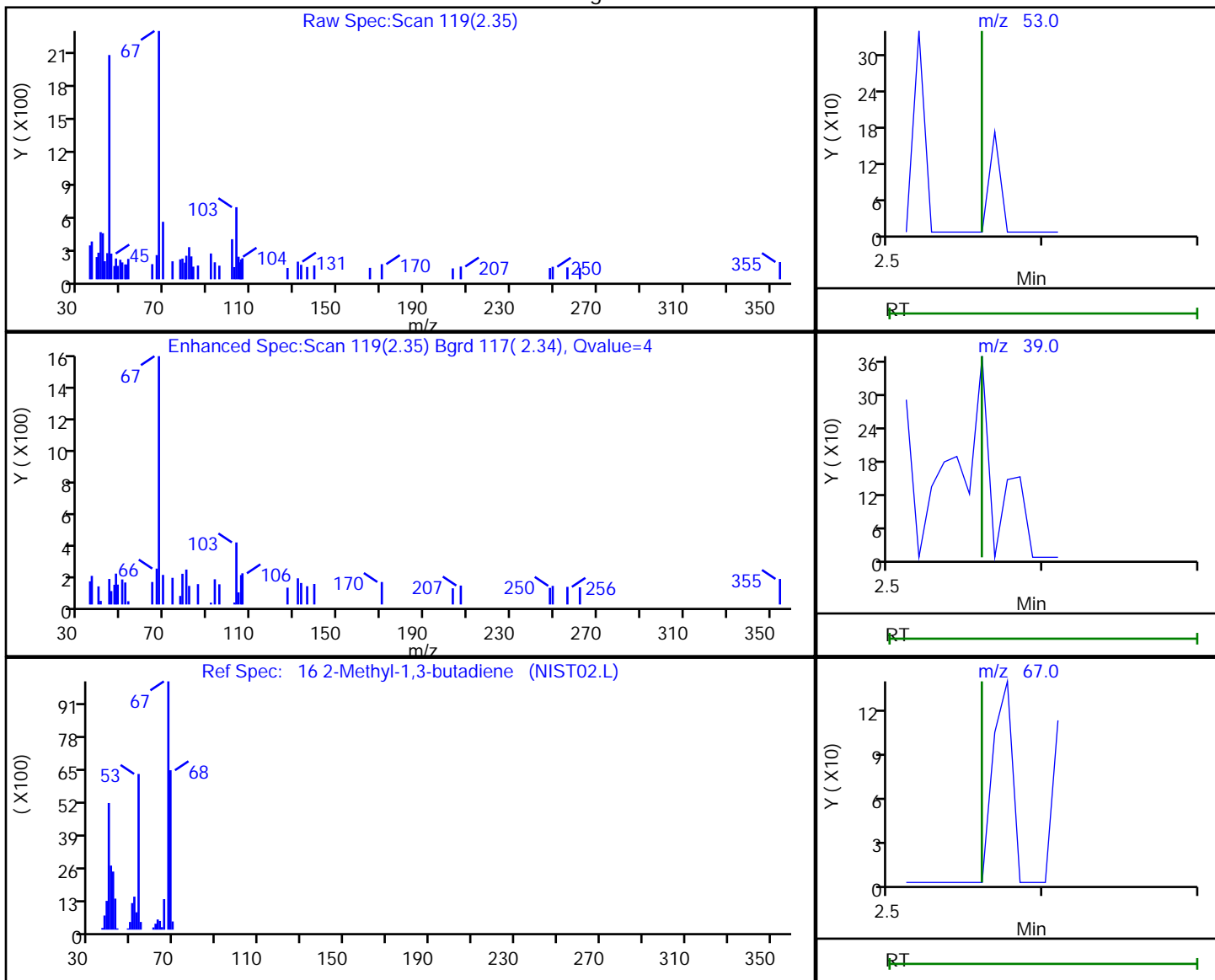
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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
2.35	53.00	165	0.078058
2.35	39.00	412	
2.35	67.00	4050	

Reviewer: kluseys, 26-Jul-2020 12:03:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

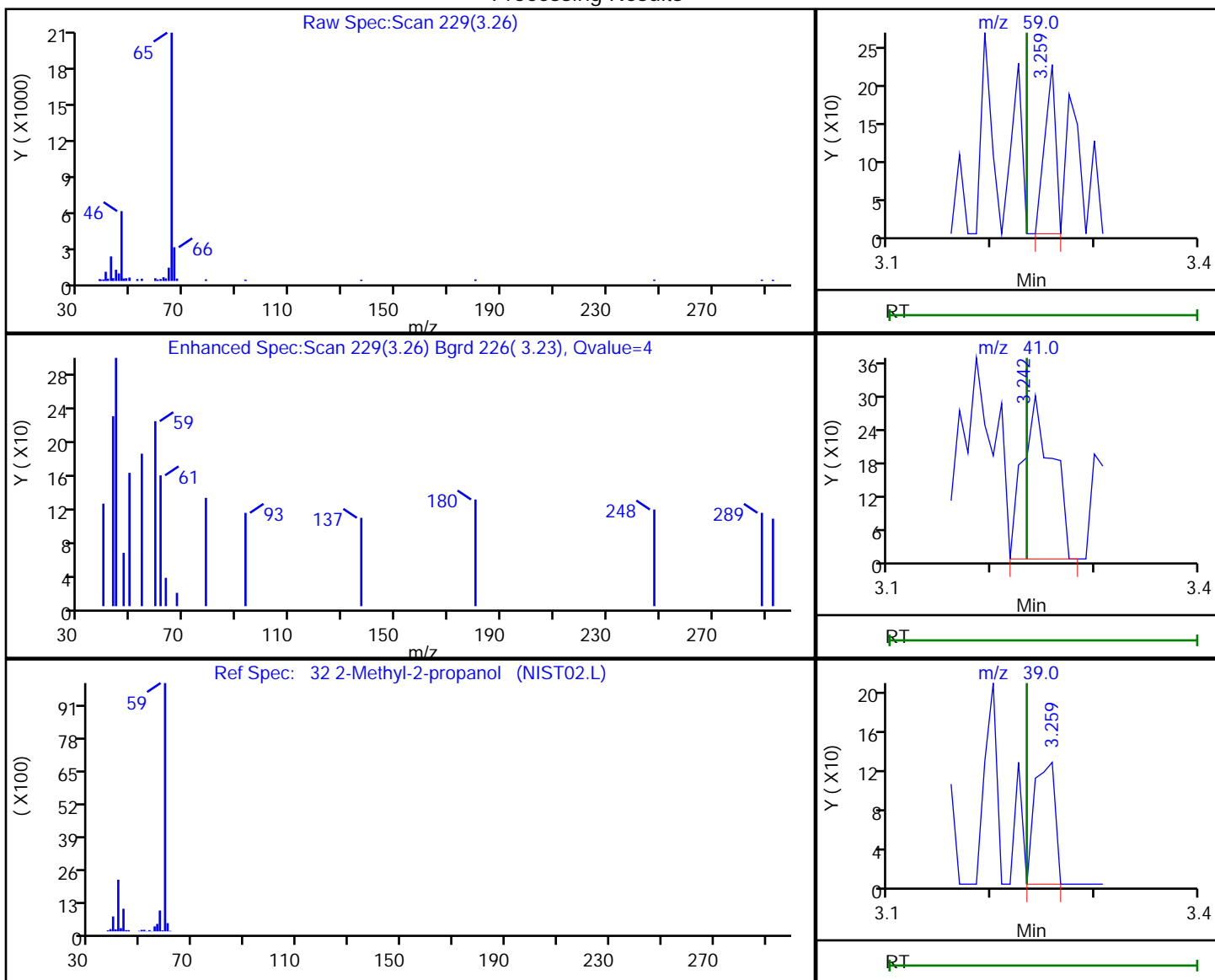
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.26	59.00	165	0.604348
3.24	41.00	591	
3.26	39.00	169	

Reviewer: kluseys, 26-Jul-2020 12:04:02

Audit Action: Marked Compound Undetected

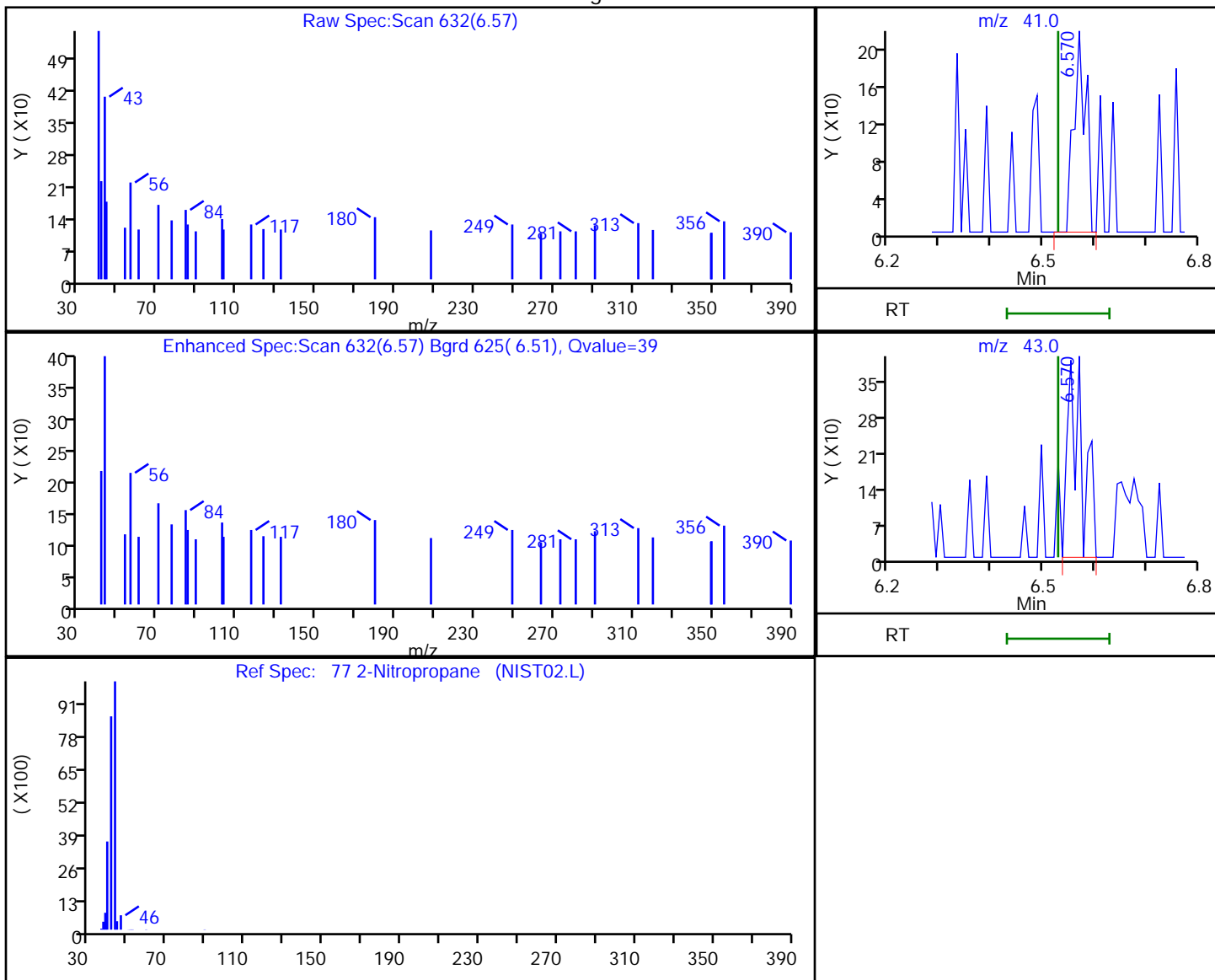
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
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	348	0.500735
6.57	43.00	785	

Reviewer: kluseys, 26-Jul-2020 12:04:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

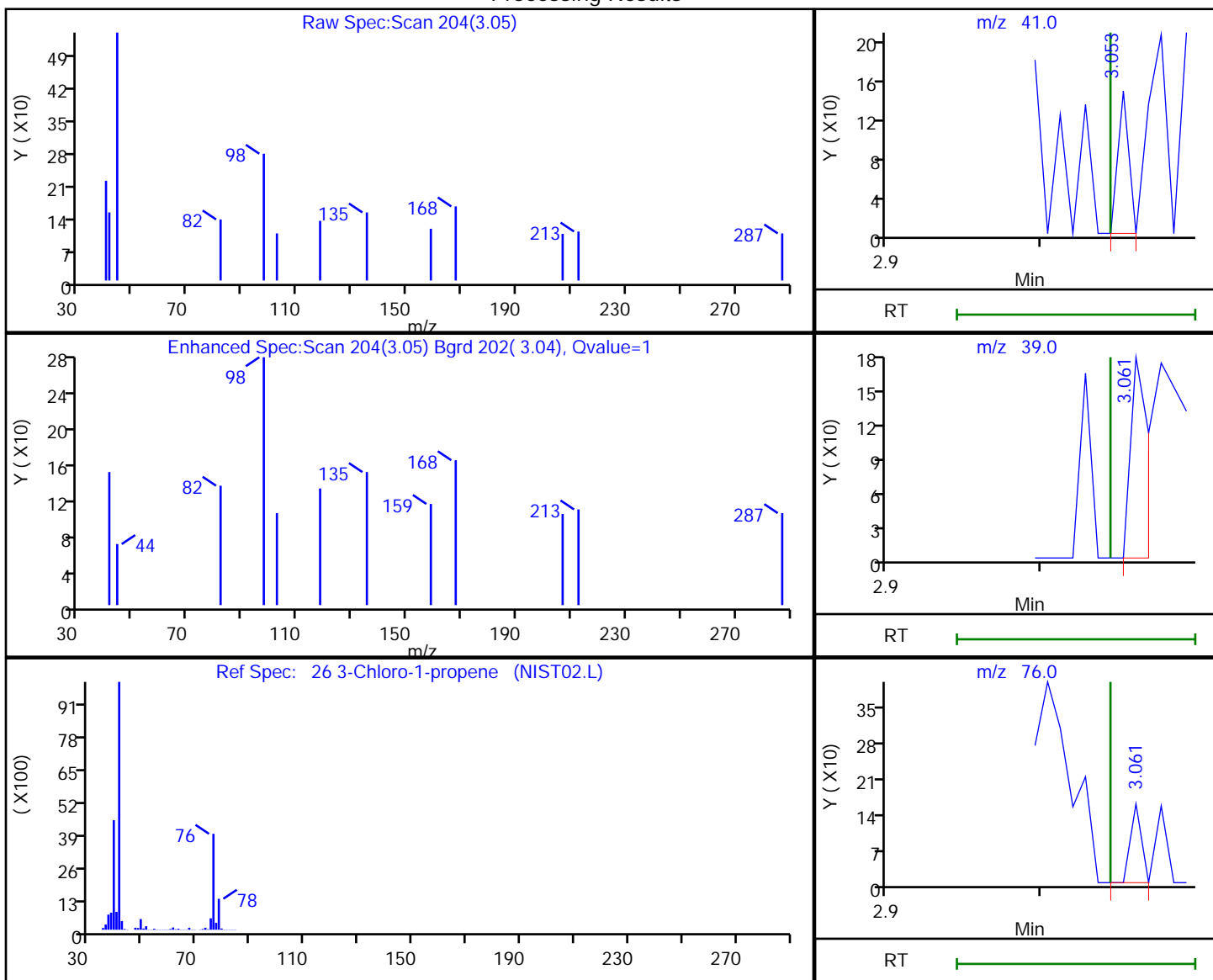
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.05	41.00	72	0.015825
3.06	39.00	140	
3.06	76.00	77	

Reviewer: kluseys, 26-Jul-2020 12:03:56

Audit Action: Marked Compound Undetected

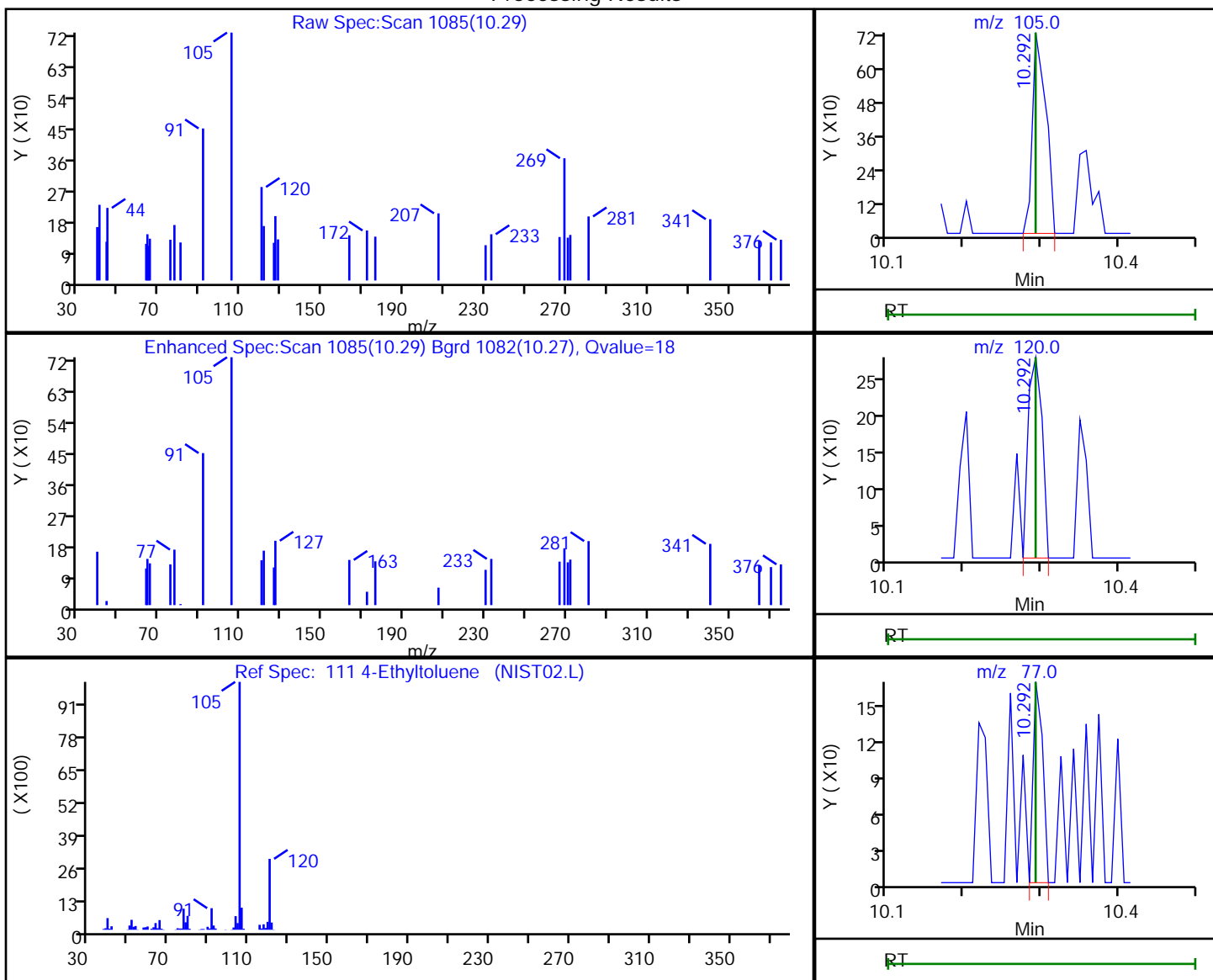
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

111 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.29	105.00	879	0.056680
10.29	120.00	342	
10.29	77.00	139	

Reviewer: kluseys, 26-Jul-2020 12:05:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

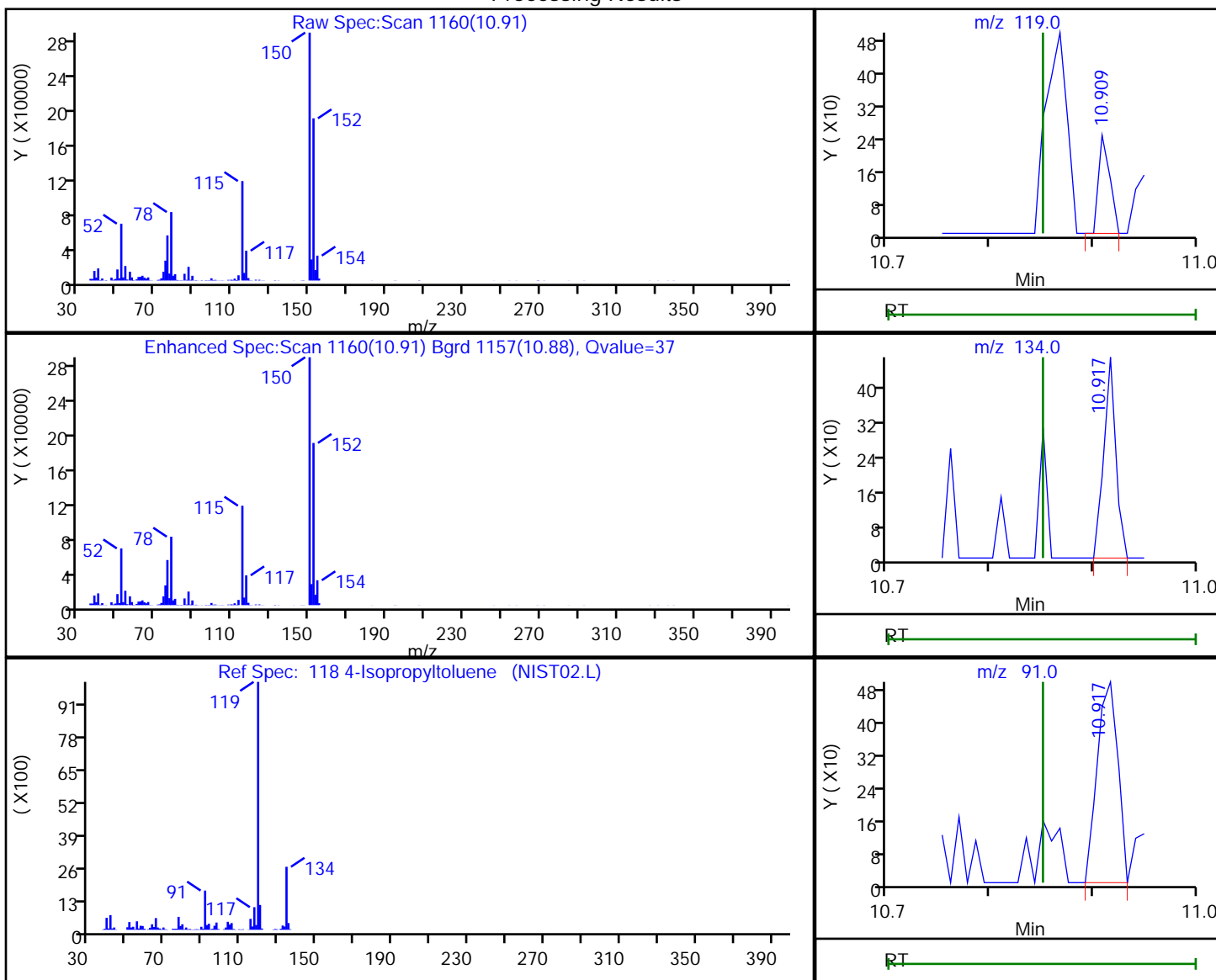
Limit Group: VOA - 8260C Water and Solid

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	186	0.012189
10.92	134.00	382	
10.92	91.00	694	

Reviewer: kluseys, 26-Jul-2020 12:05:05

Audit Action: Marked Compound Undetected

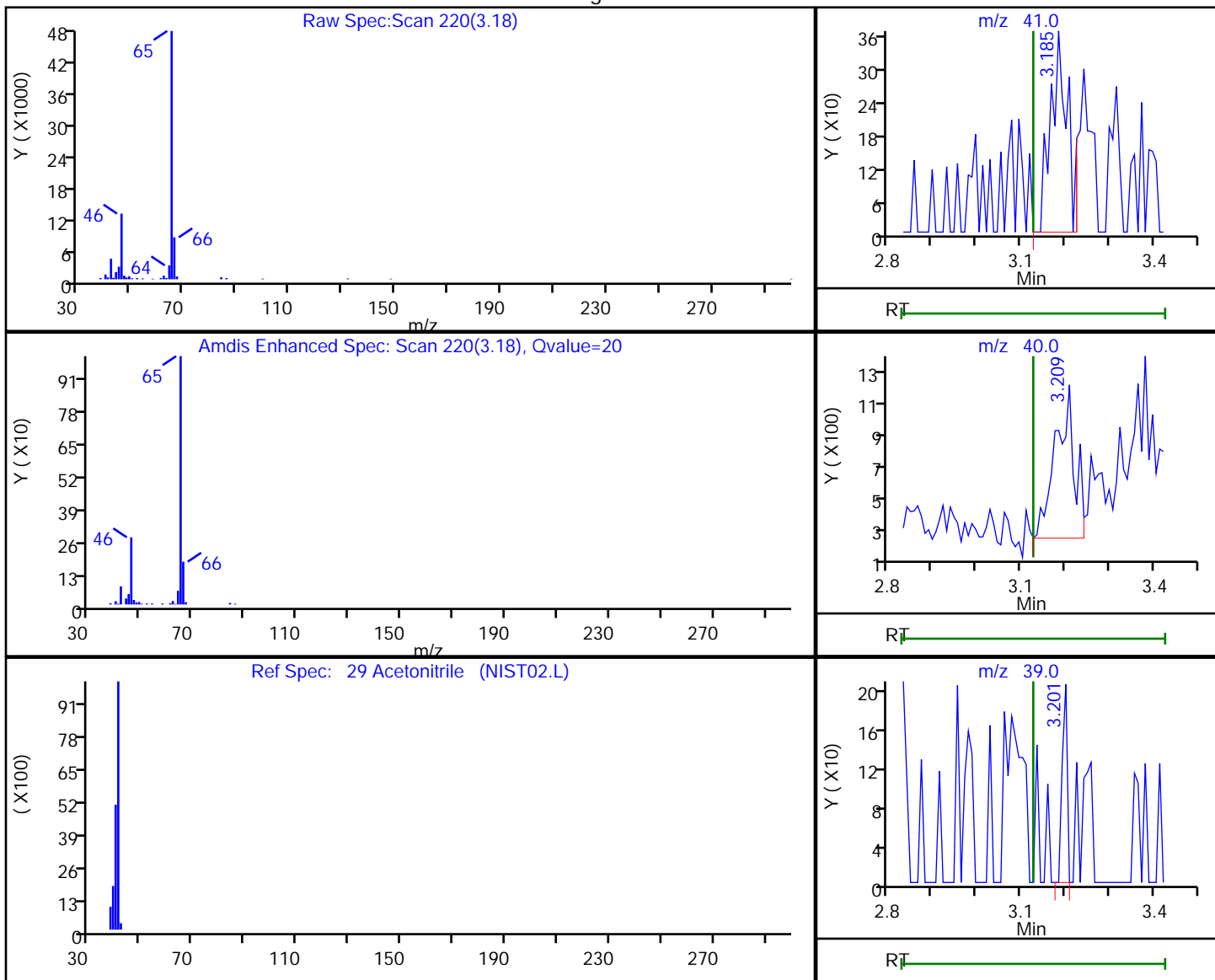
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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
3.18	41.00	986	1.213131
3.21	40.00	2798	
3.20	39.00	161	
3.16	38.00	1206	

Reviewer: kluseys, 26-Jul-2020 12:03:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

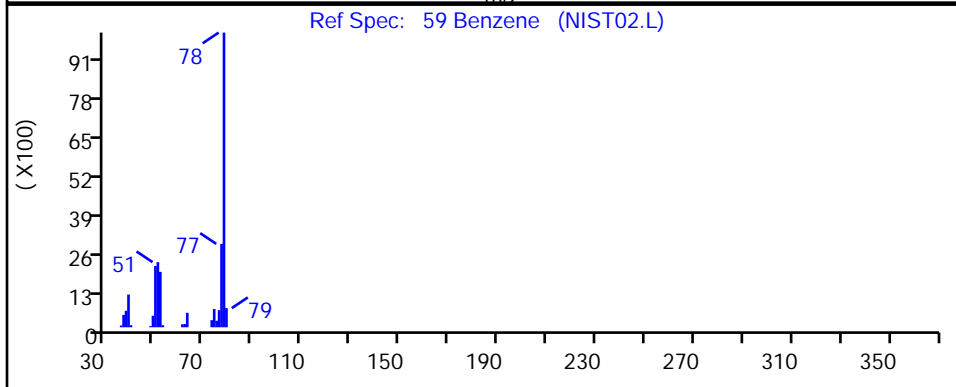
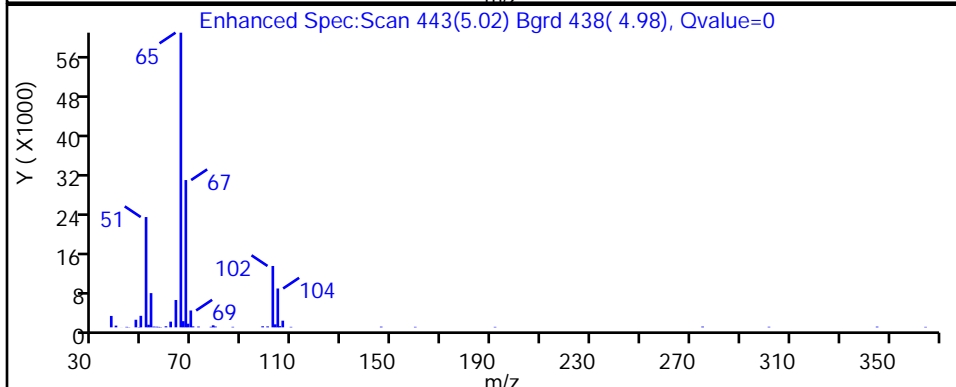
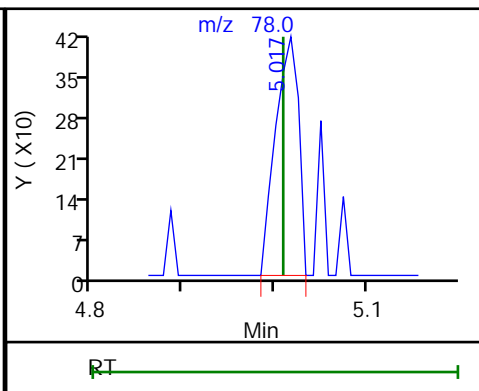
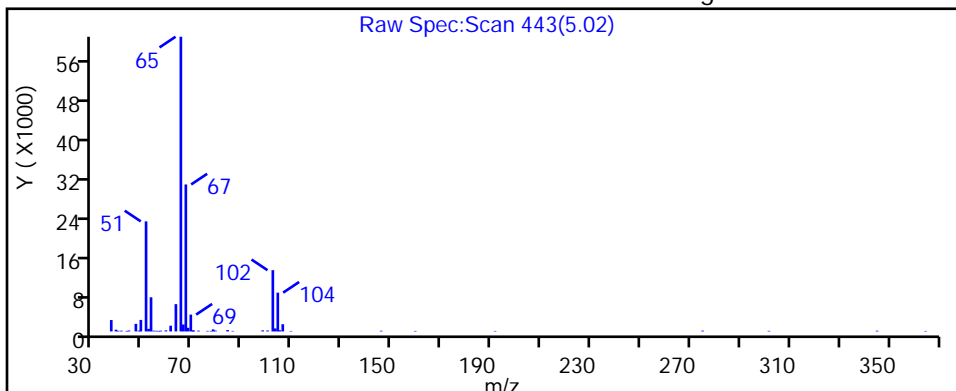
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.02	78.00	728	0.069531

Reviewer: kluseys, 26-Jul-2020 12:04:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

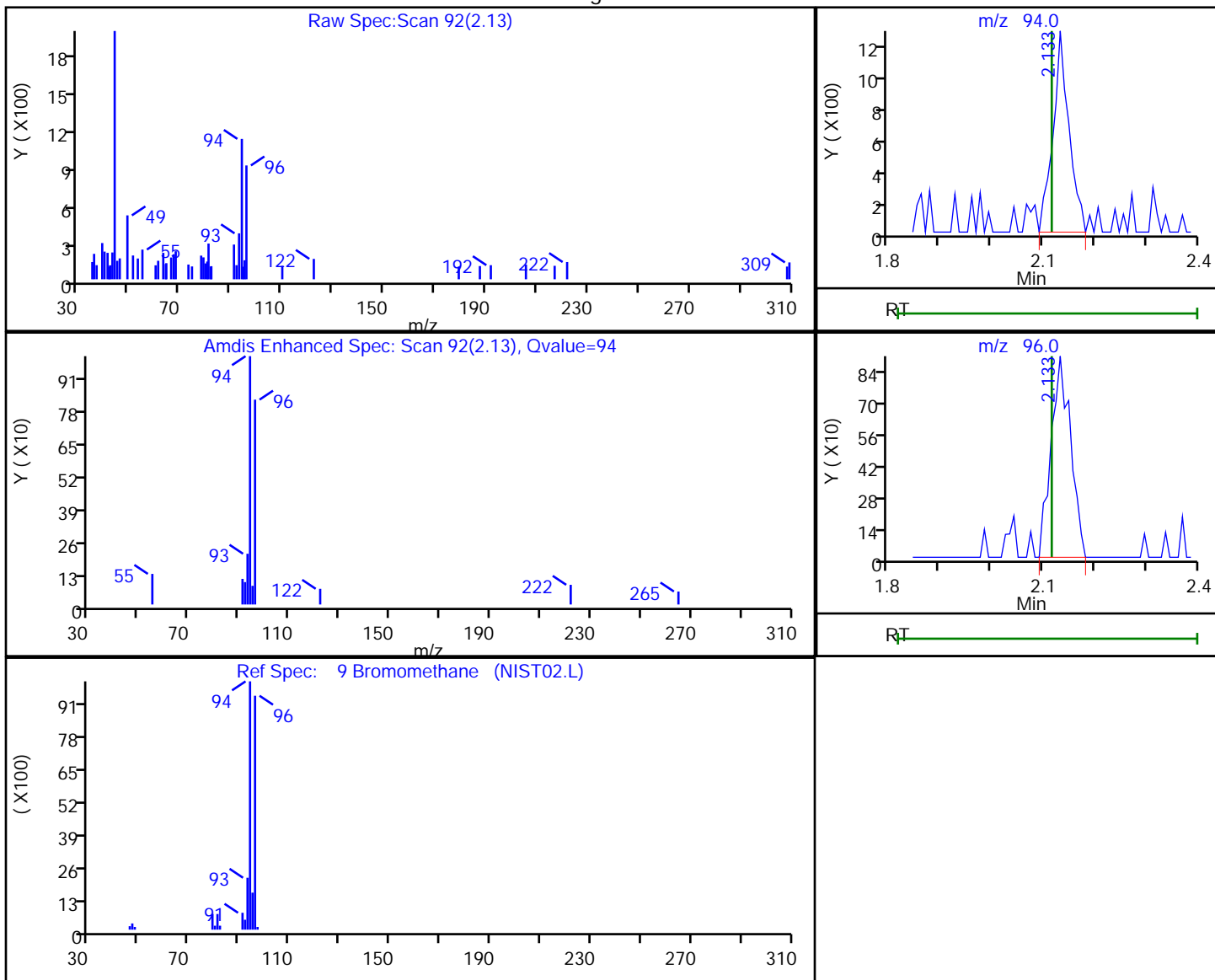
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.13	94.00	2637	0.617006
2.13	96.00	2393	

Reviewer: kluseys, 26-Jul-2020 12:03:38

Audit Action: Marked Compound Undetected

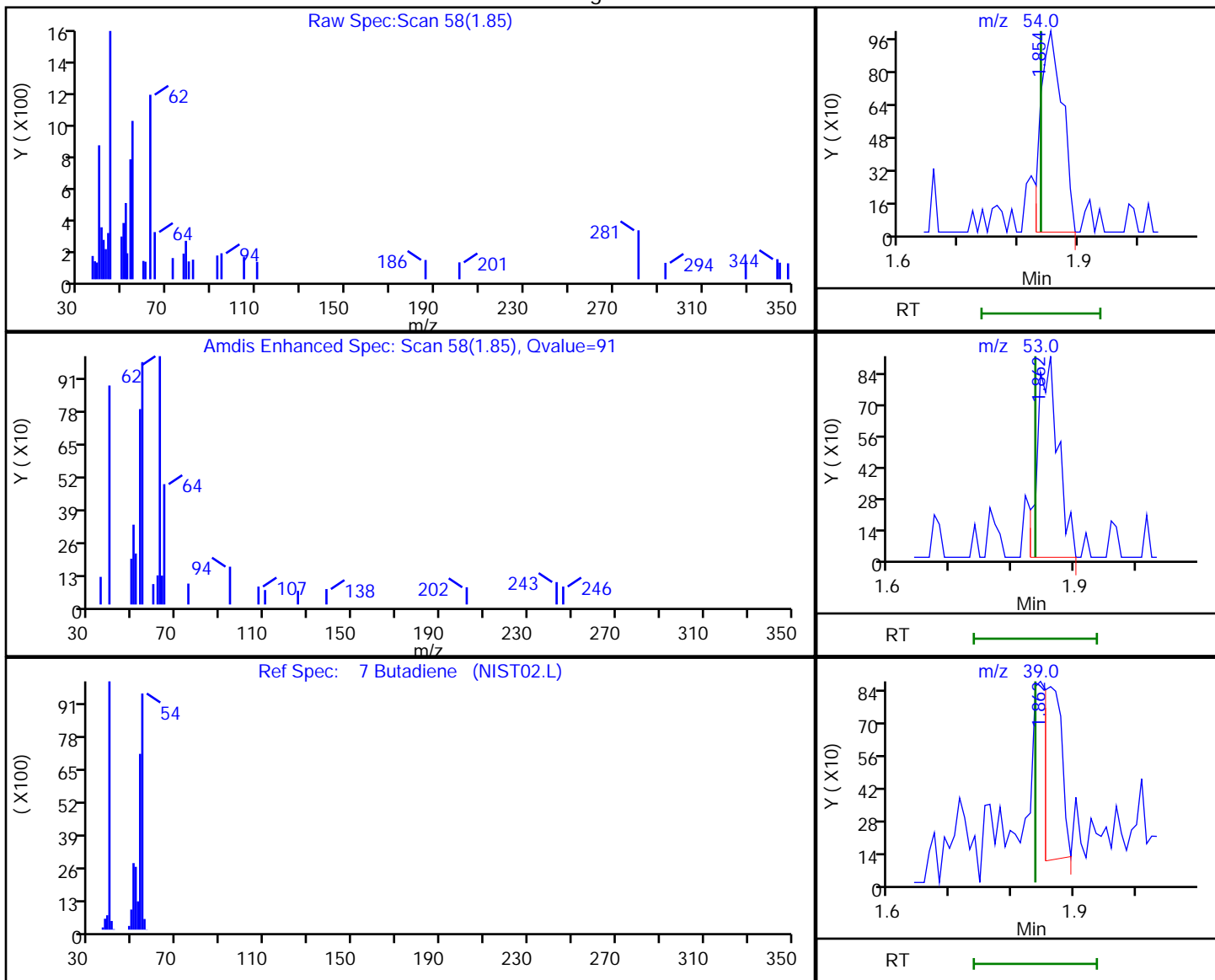
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

Processing Results



RT	Mass	Response	Amount
1.85	54.00	2505	0.559963
1.86	53.00	2116	
1.86	39.00	1493	

Reviewer: kluseys, 26-Jul-2020 12:03:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

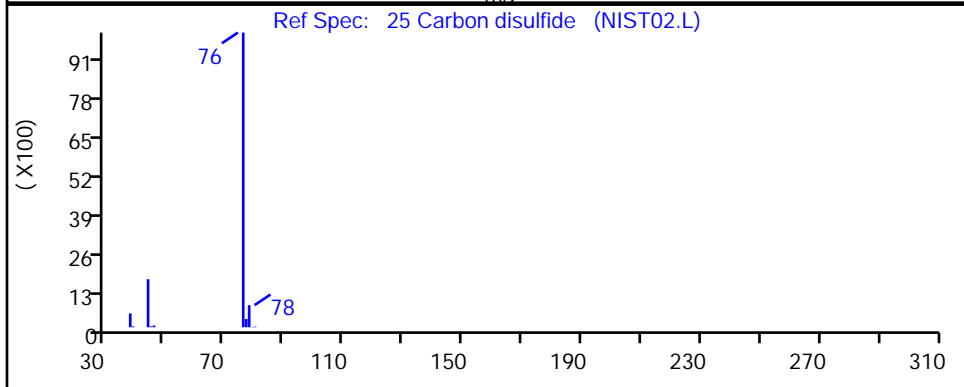
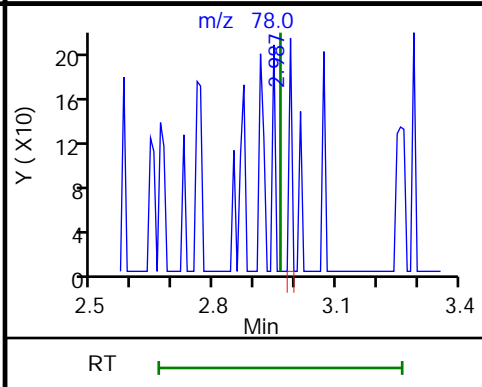
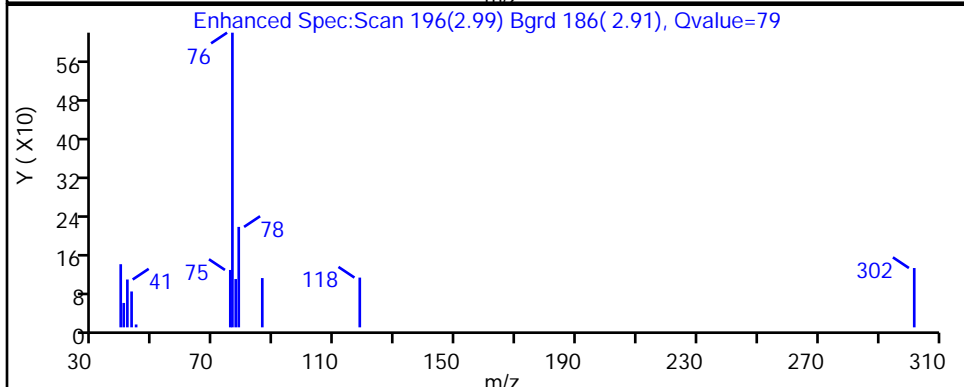
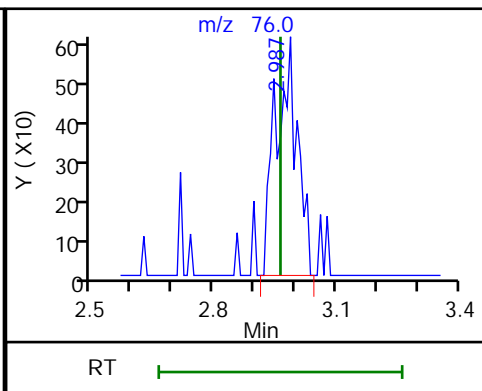
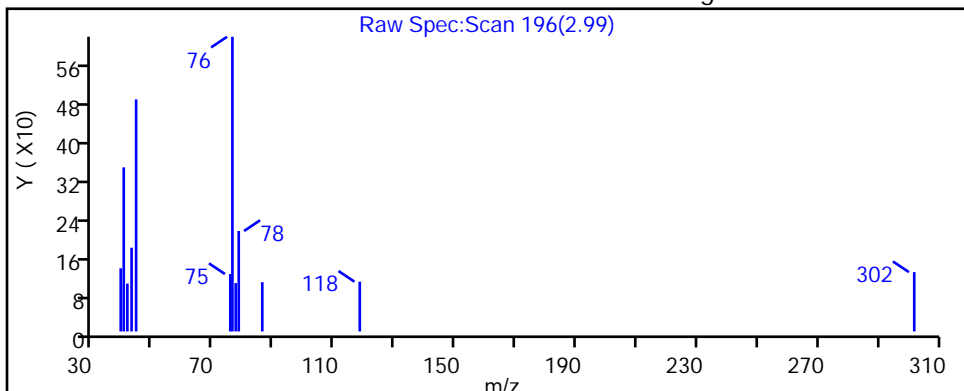
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

25 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.99	76.00	2257	0.213774
2.99	78.00	104	

Reviewer: kluseys, 26-Jul-2020 12:03:55

Audit Action: Marked Compound Undetected

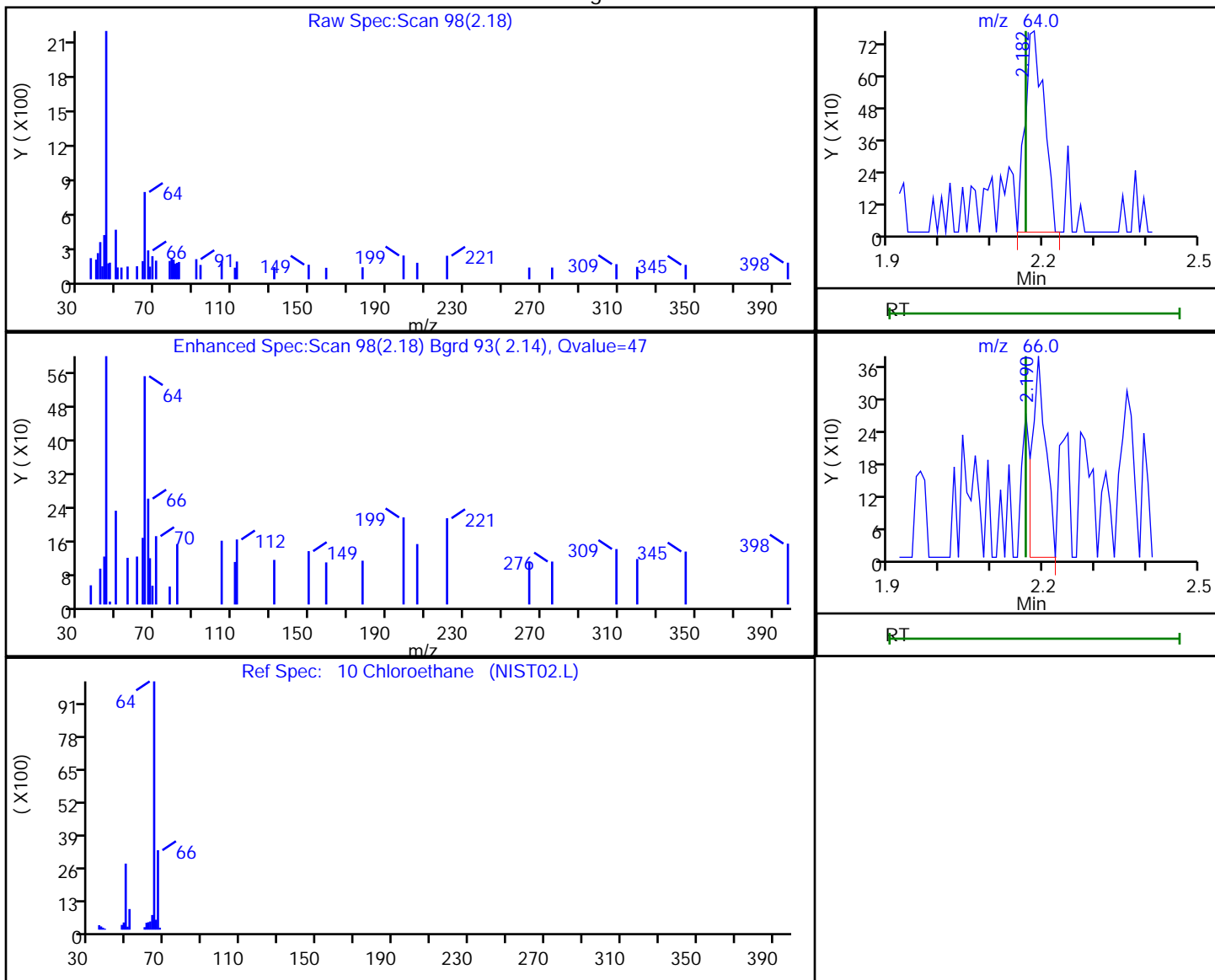
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
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
2.18	64.00	1962	0.579277
2.19	66.00	683	

Reviewer: kluseys, 26-Jul-2020 12:03:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

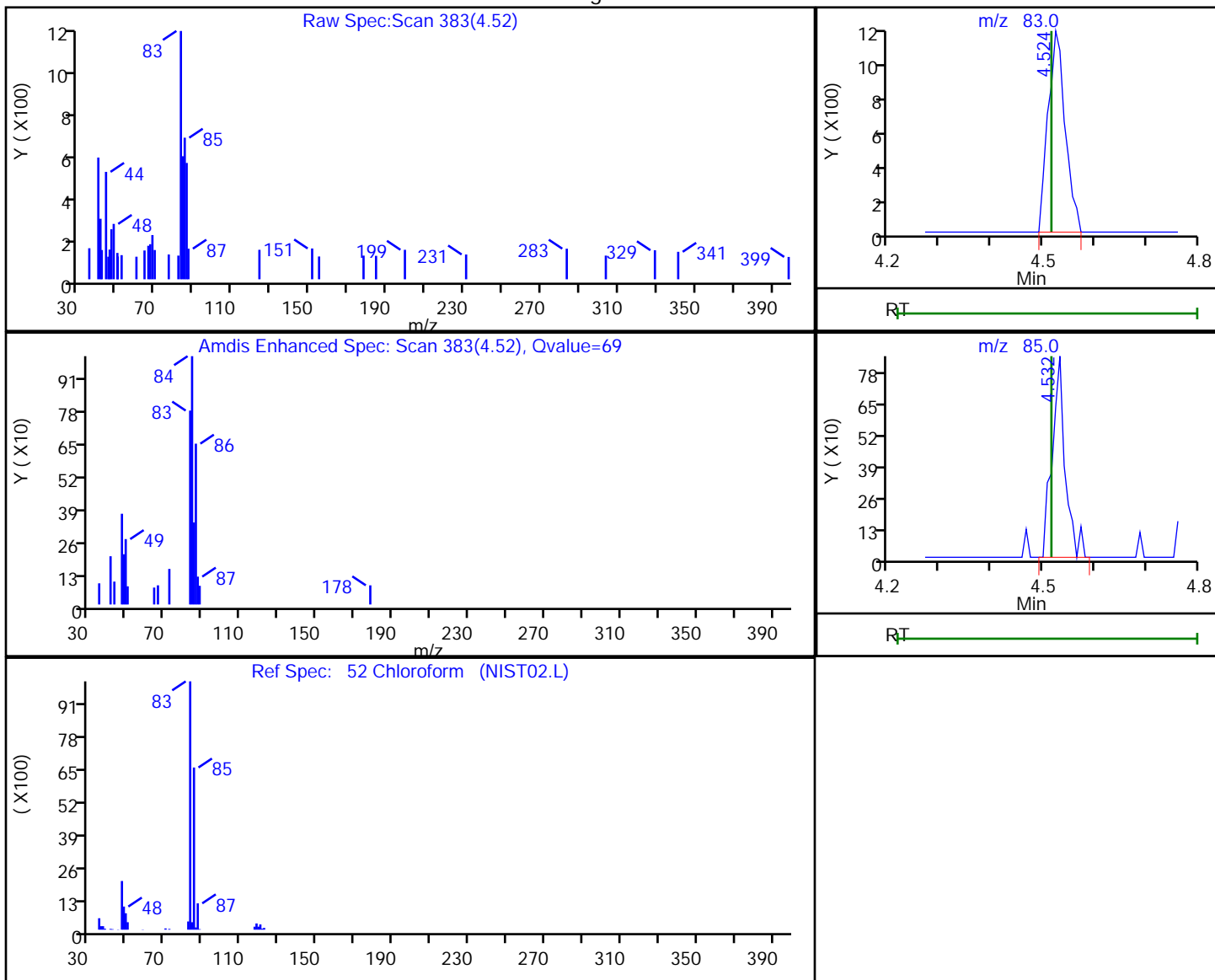
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.52	83.00	2583	0.565990
4.53	85.00	1498	

Reviewer: kluseys, 26-Jul-2020 12:04:18

Audit Action: Marked Compound Undetected

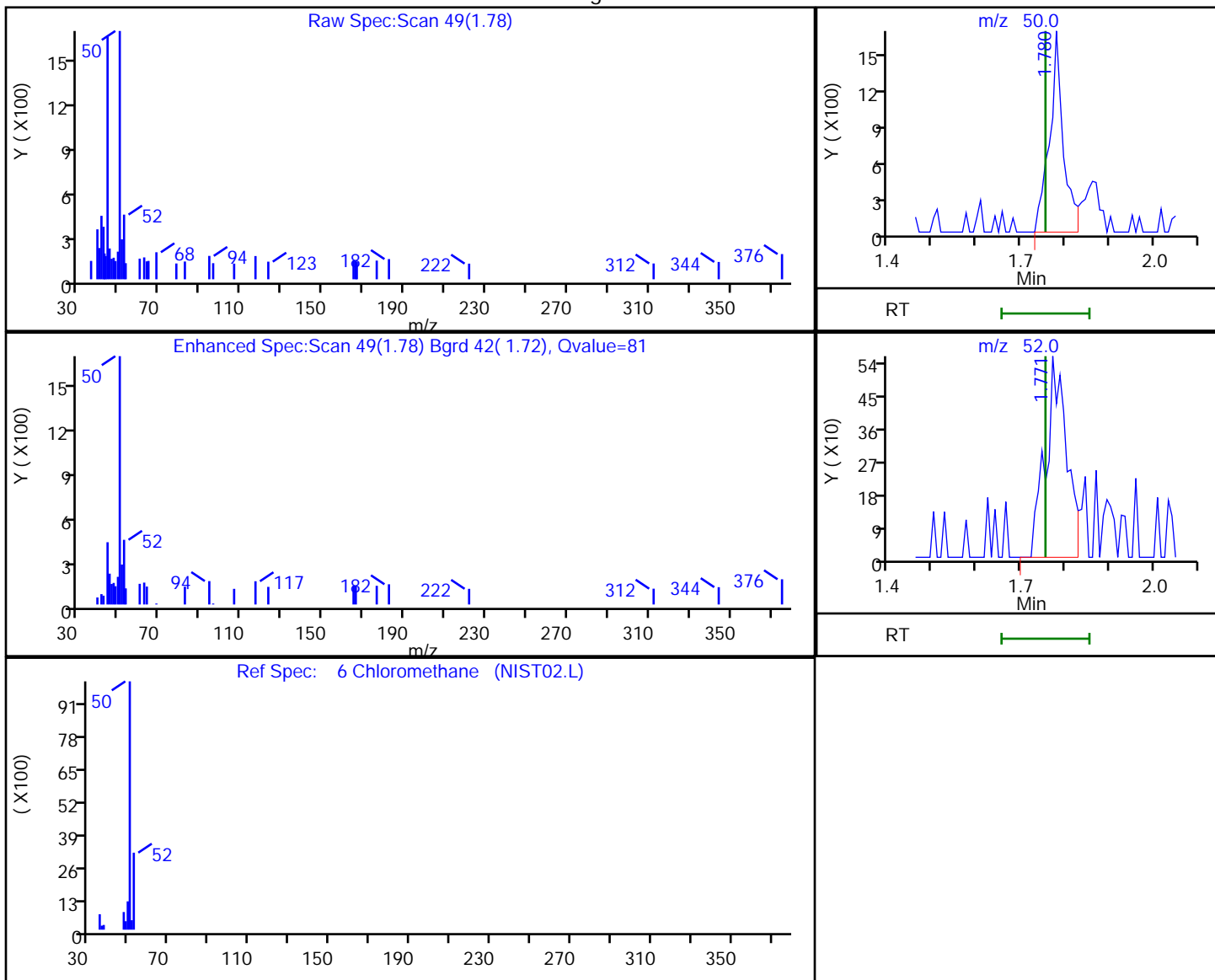
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
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	3581	0.690968
1.77	52.00	1854	

Reviewer: kluseys, 26-Jul-2020 12:03:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

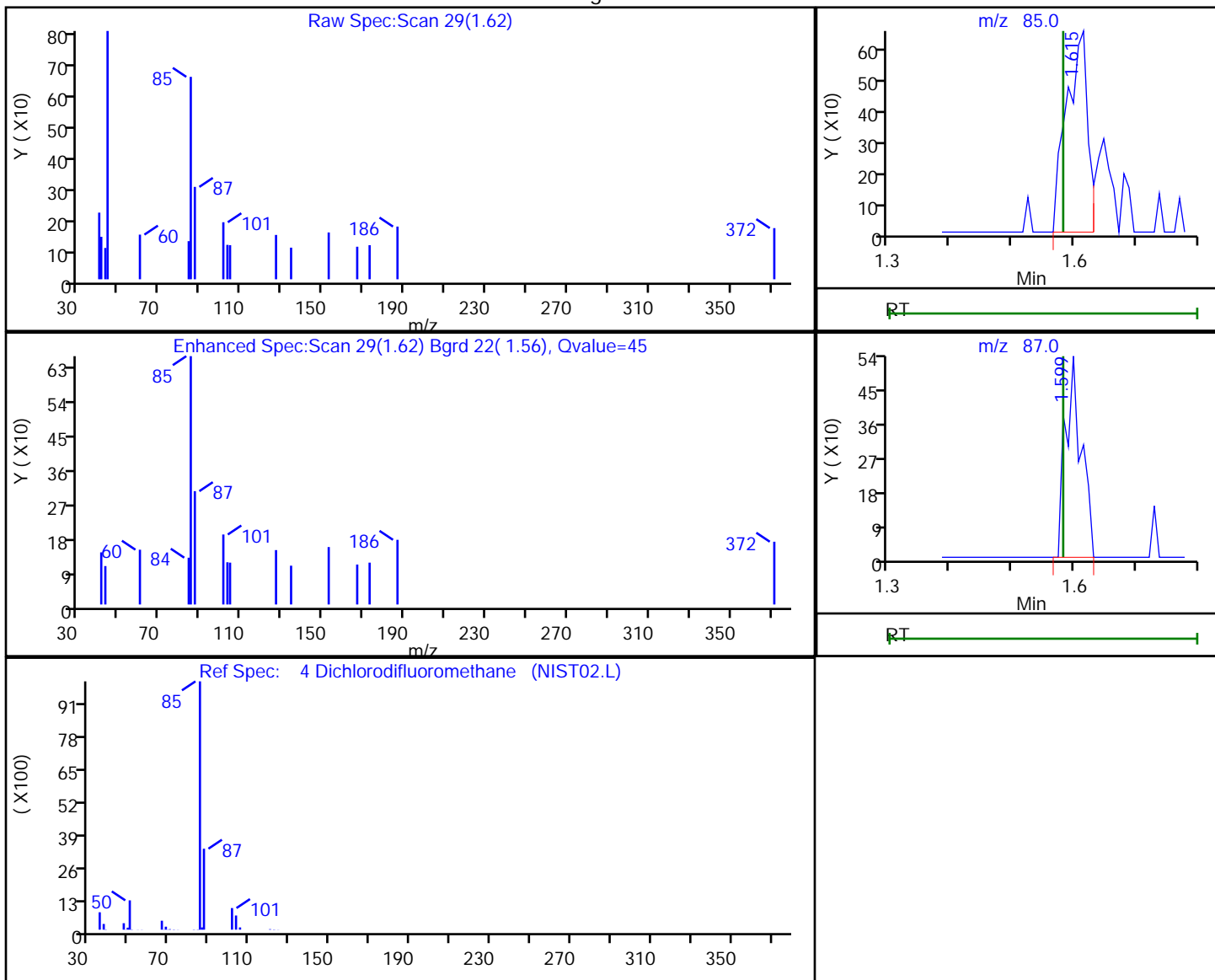
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.62	85.00	1574	0.434173
1.60	87.00	957	

Reviewer: kluseys, 26-Jul-2020 12:03:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

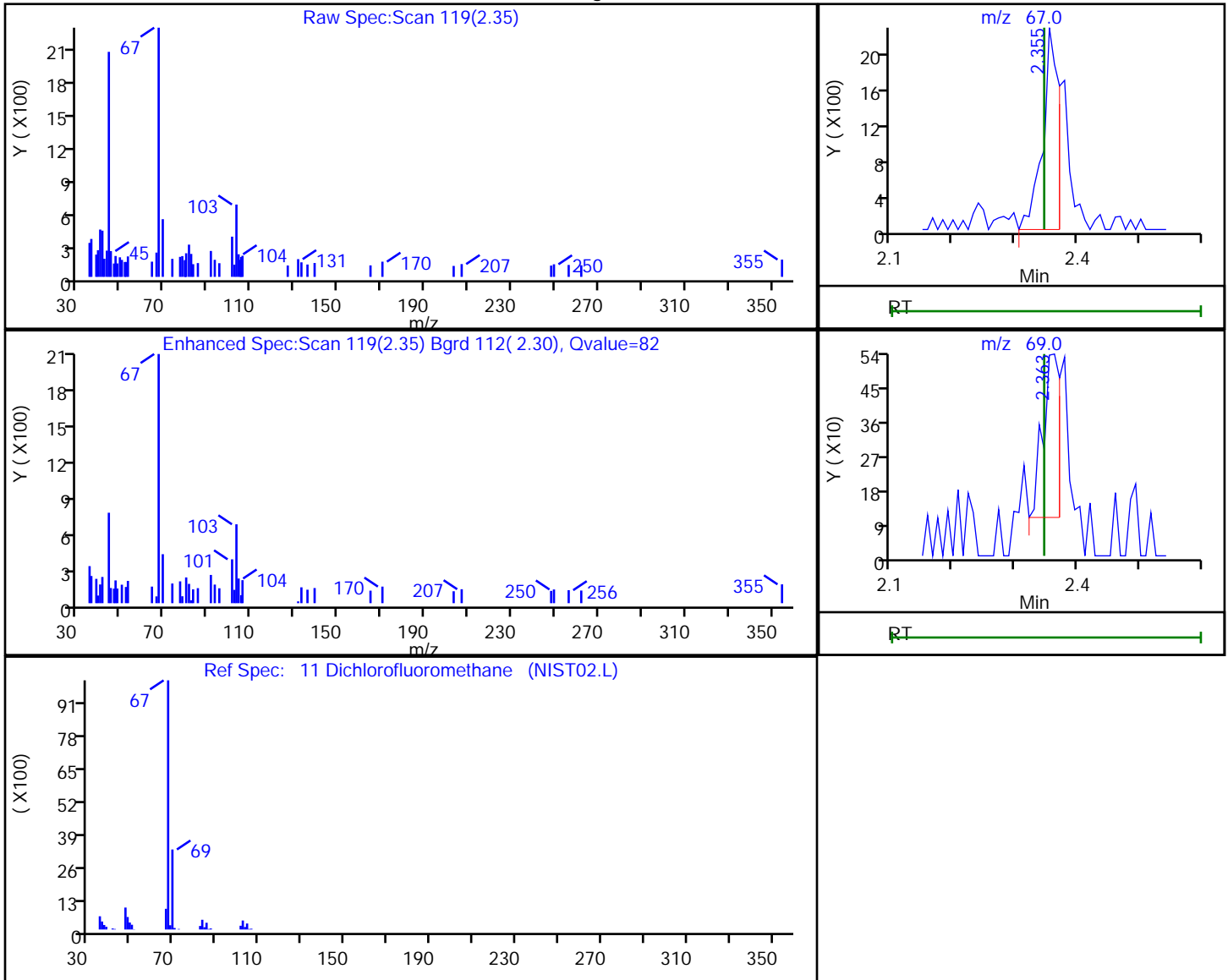
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.35	67.00	4050	0.584190
2.36	69.00	822	

Reviewer: kluseys, 26-Jul-2020 12:03:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

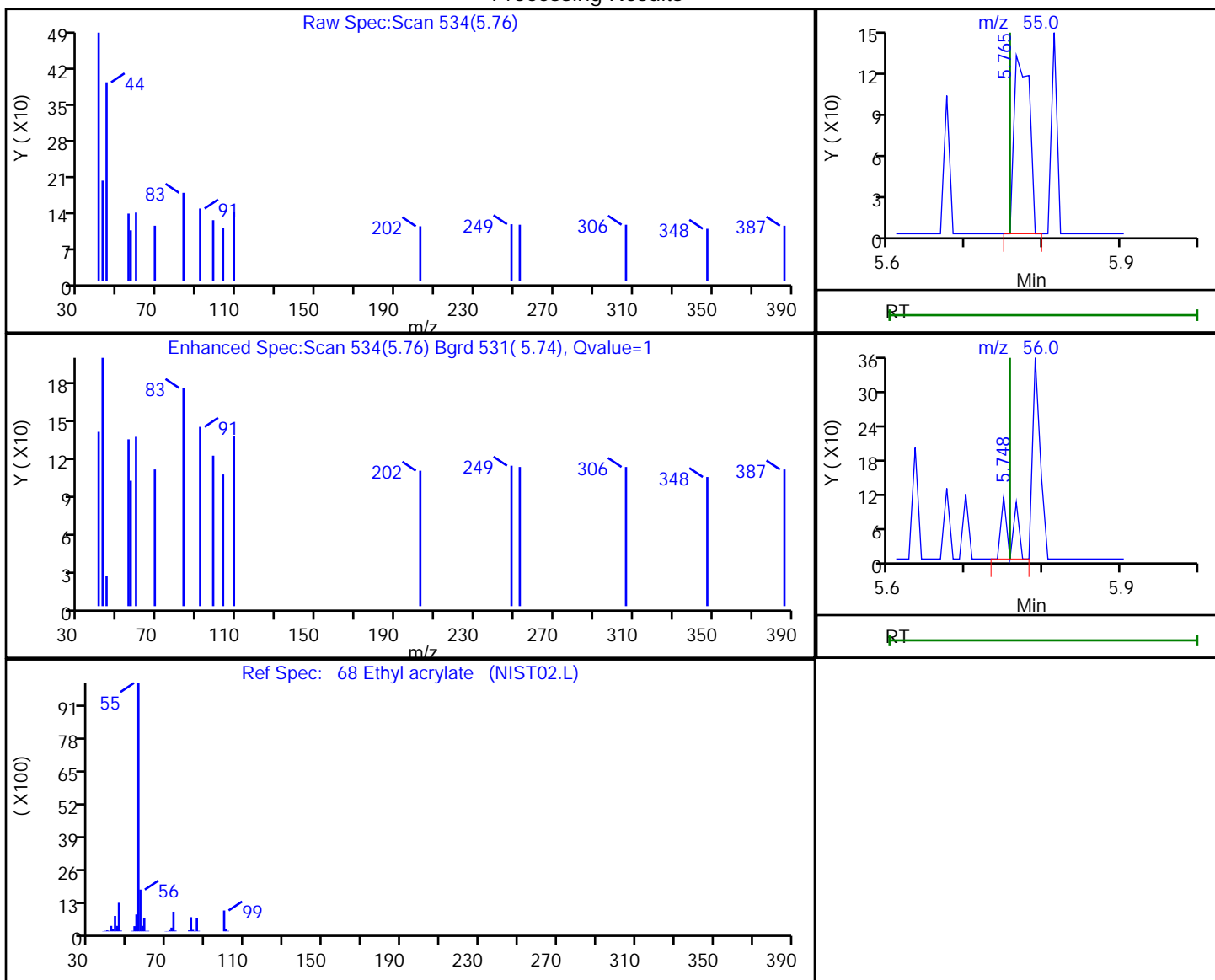
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

68 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.76	55.00	181	0.030453
5.75	56.00	104	

Reviewer: kluseys, 26-Jul-2020 12:04:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

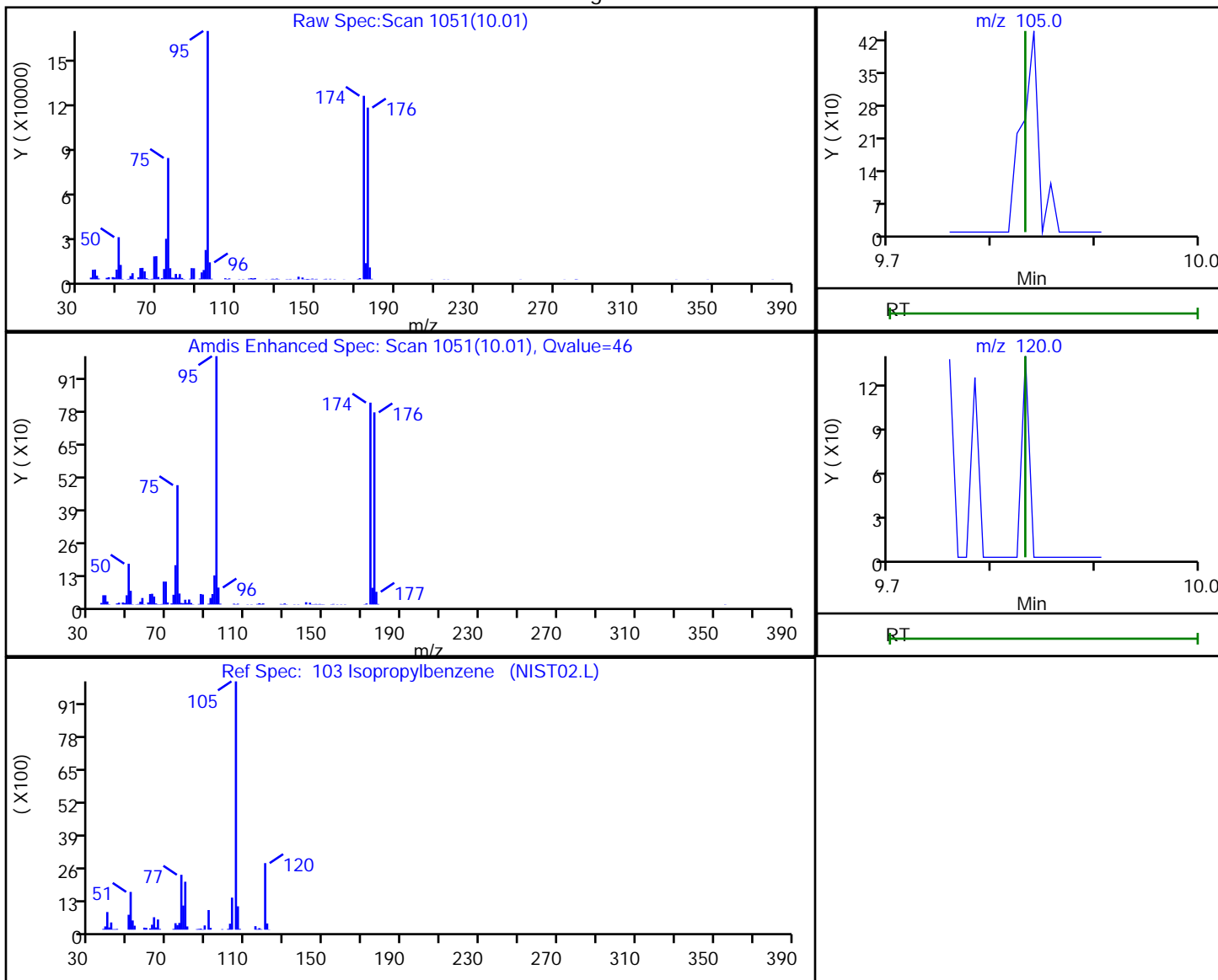
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
10.01	105.00	214	0.016336
10.02	120.00	138	

Reviewer: kluseys, 26-Jul-2020 12:04:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

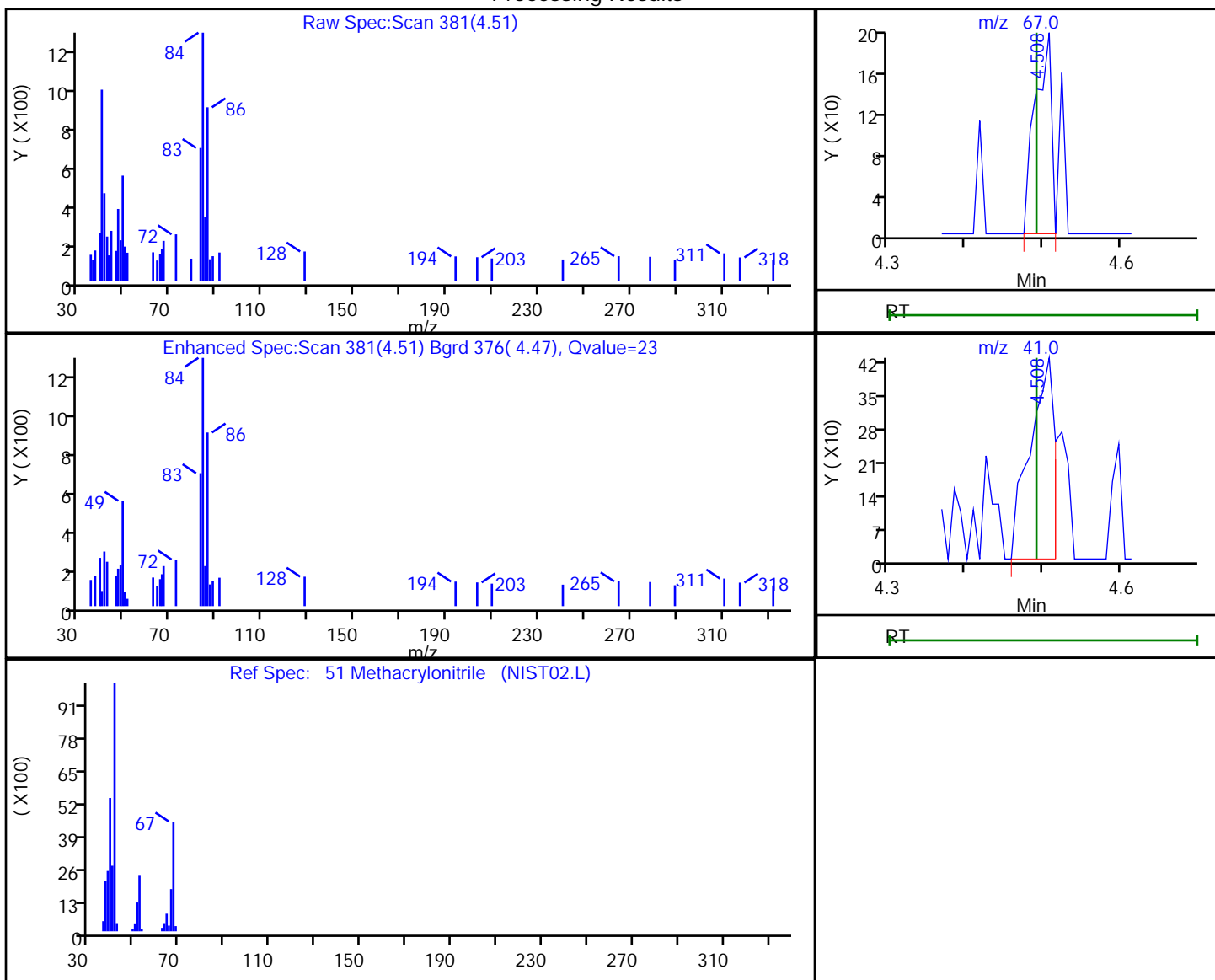
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.51	67.00	285	0.237938
4.51	41.00	950	

Reviewer: kluseys, 26-Jul-2020 12:04:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

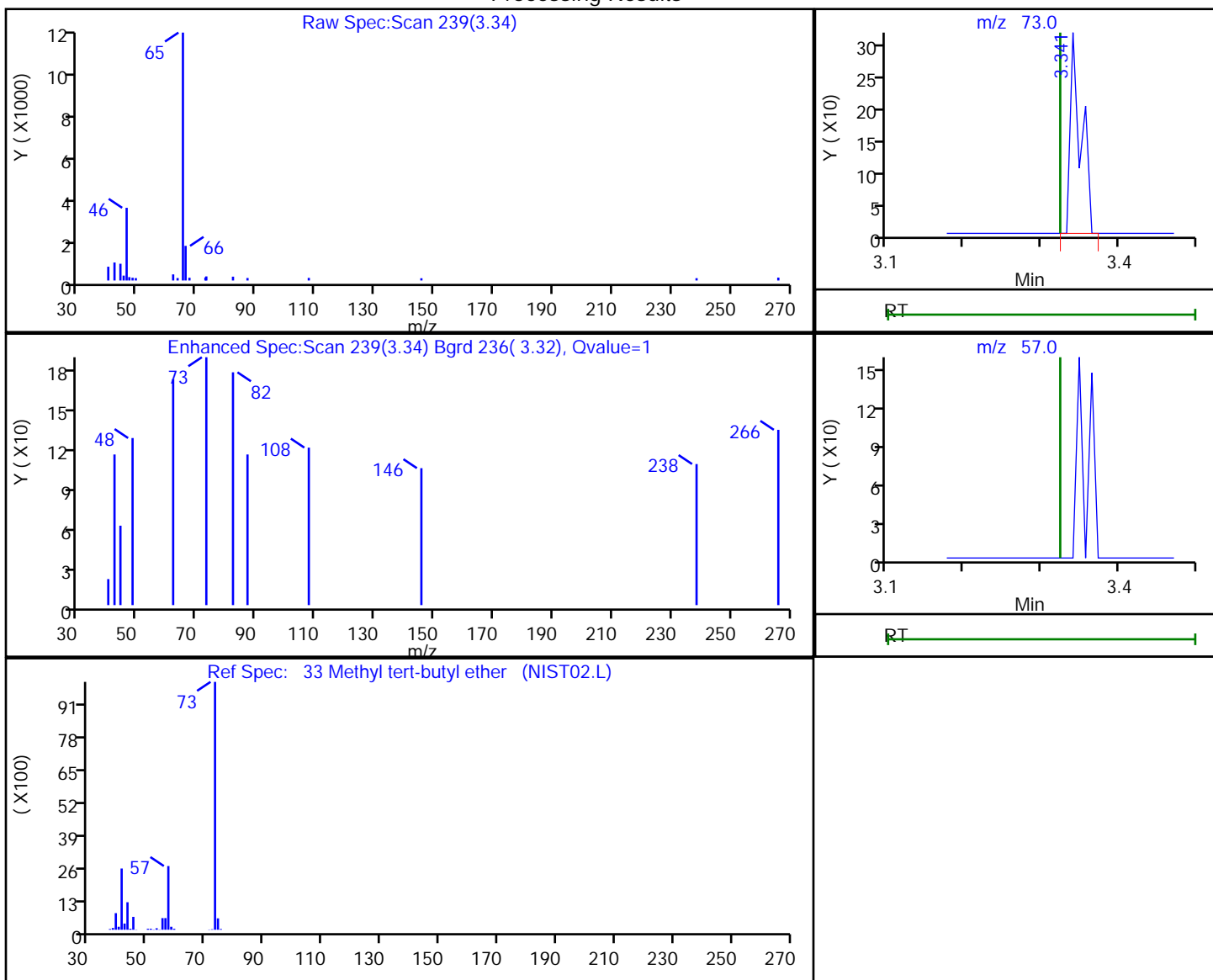
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.34	73.00	306	0.045600
3.35	57.00	0	

Reviewer: kluseys, 26-Jul-2020 12:04:03

Audit Action: Marked Compound Undetected

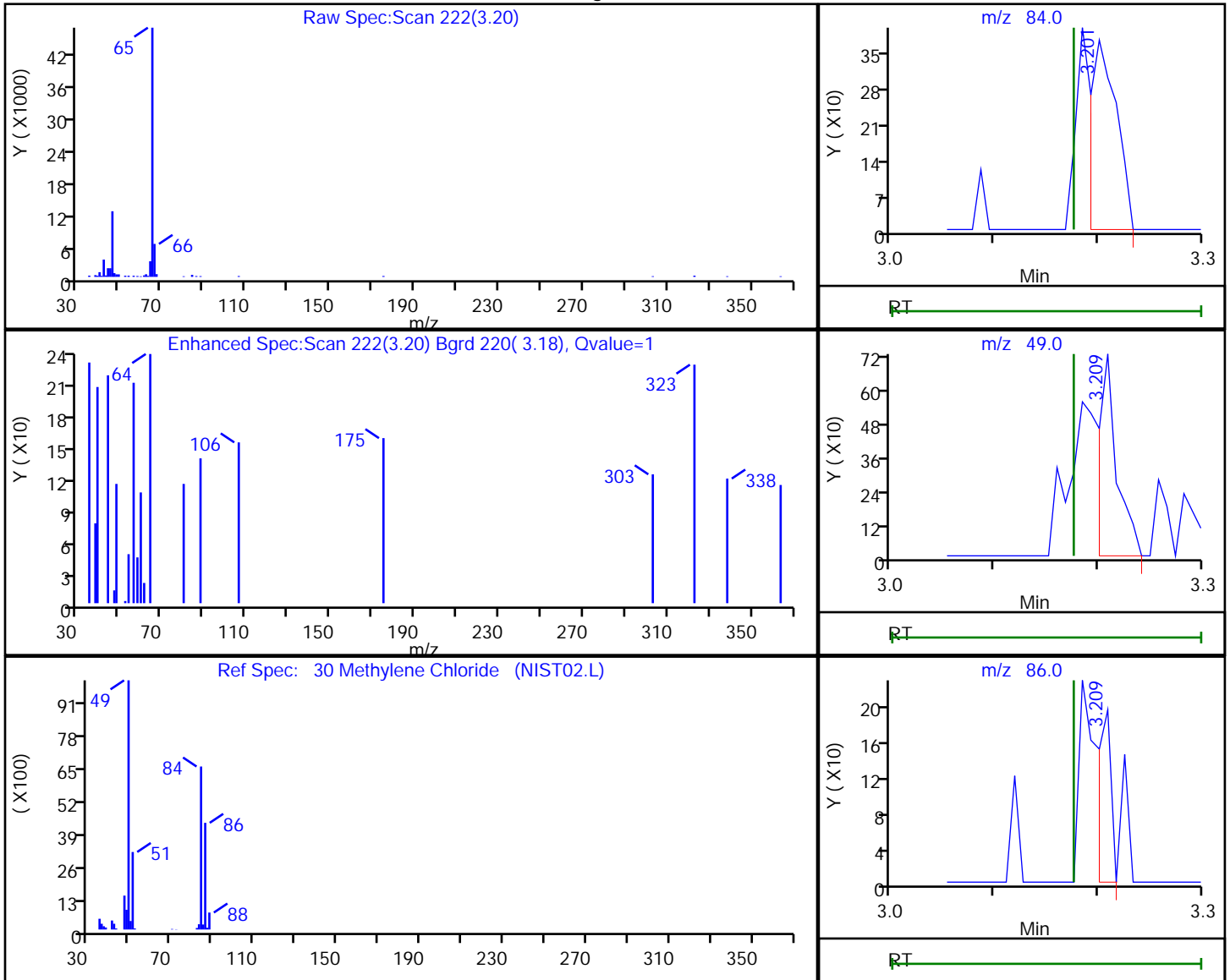
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

30 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.20	84.00	641	0.193179
3.21	49.00	869	
3.21	86.00	169	

Reviewer: kluseys, 26-Jul-2020 12:04:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

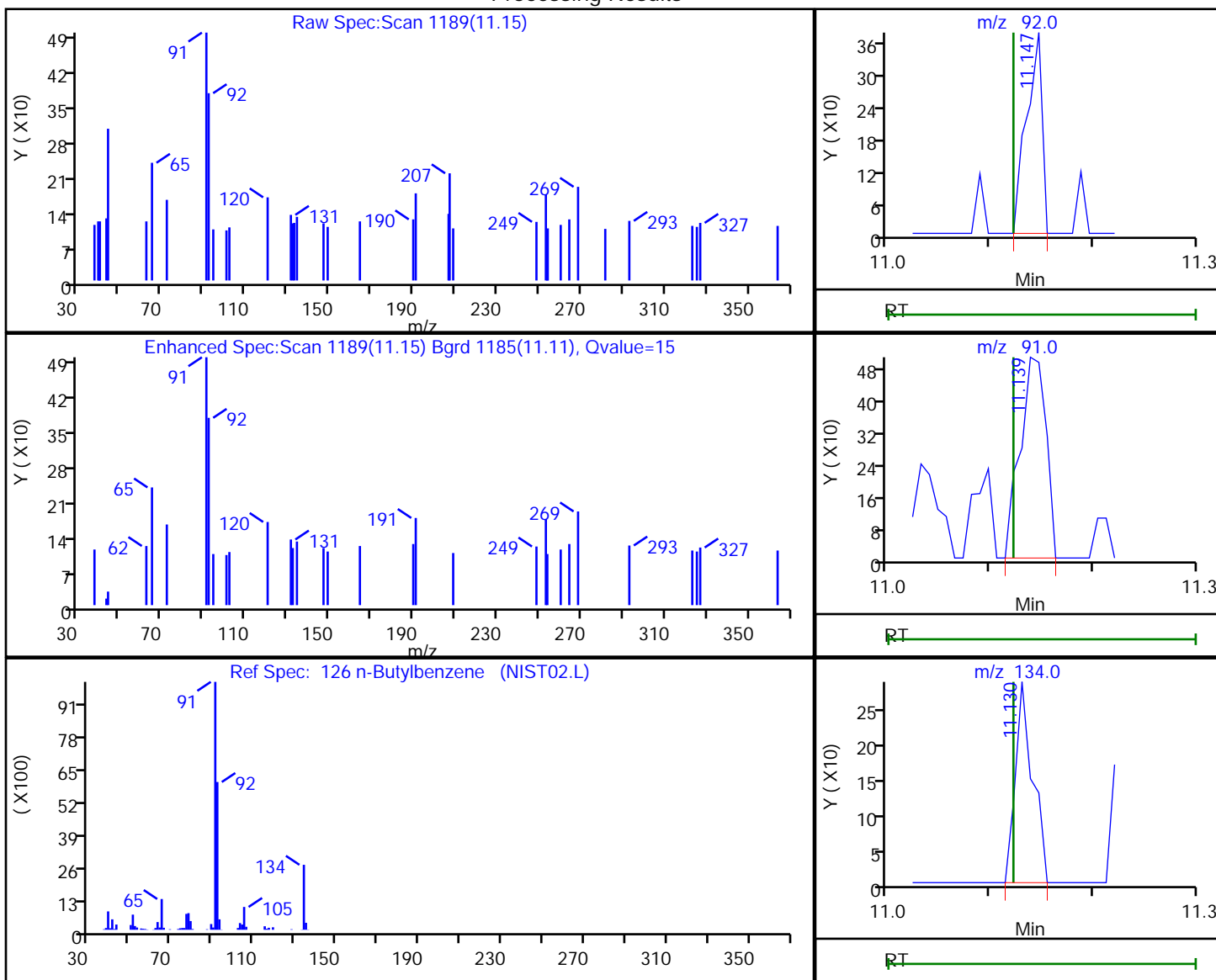
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

126 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.15	92.00	393	0.046050
11.14	91.00	891	
11.13	134.00	332	

Reviewer: kluseys, 26-Jul-2020 12:05:09

Audit Action: Marked Compound Undetected

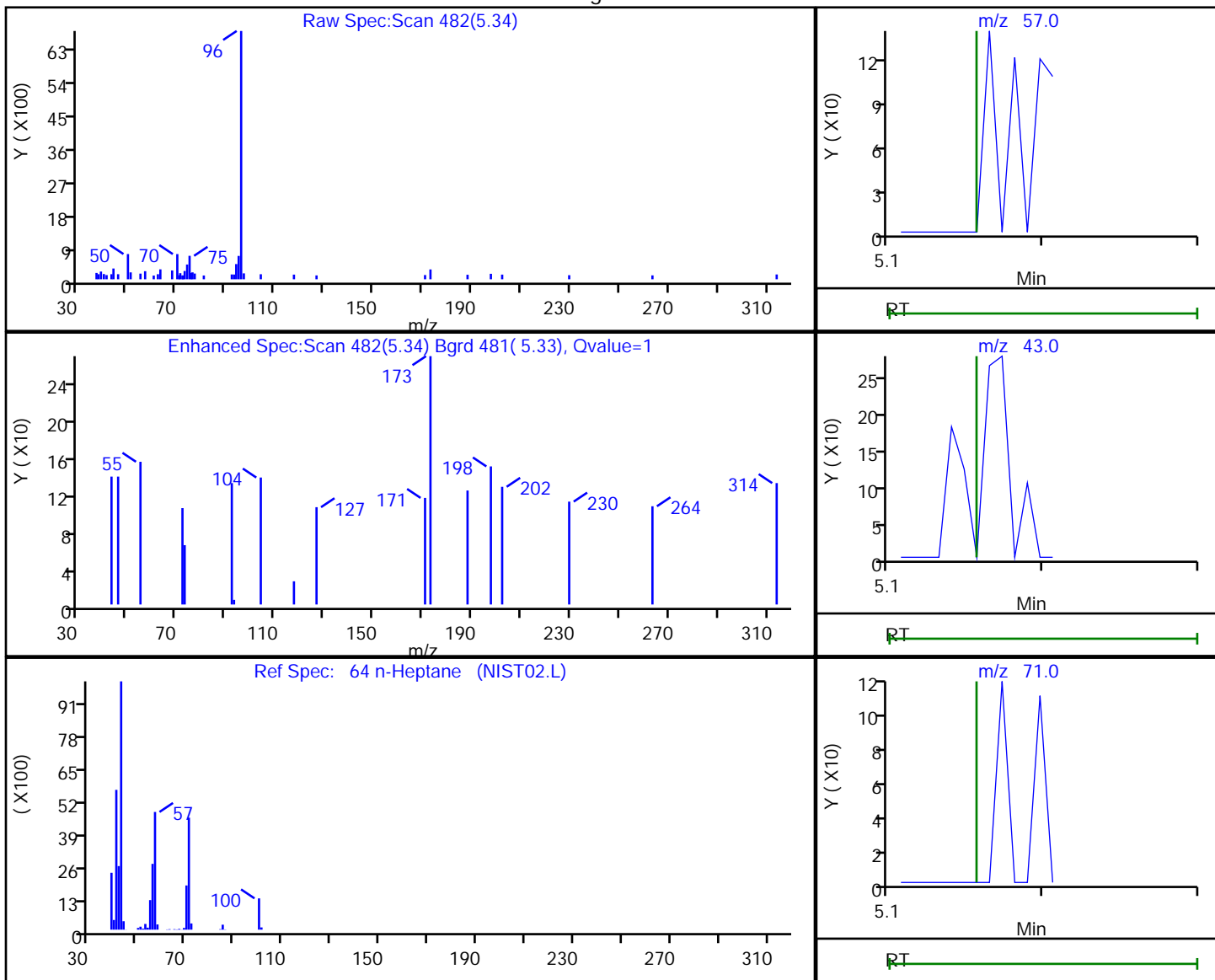
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

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

Processing Results



RT	Mass	Response	Amount
5.34	57.00	178	0.094081
5.34	43.00	68	
5.34	71.00	199	

Reviewer: kluseys, 26-Jul-2020 12:04:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

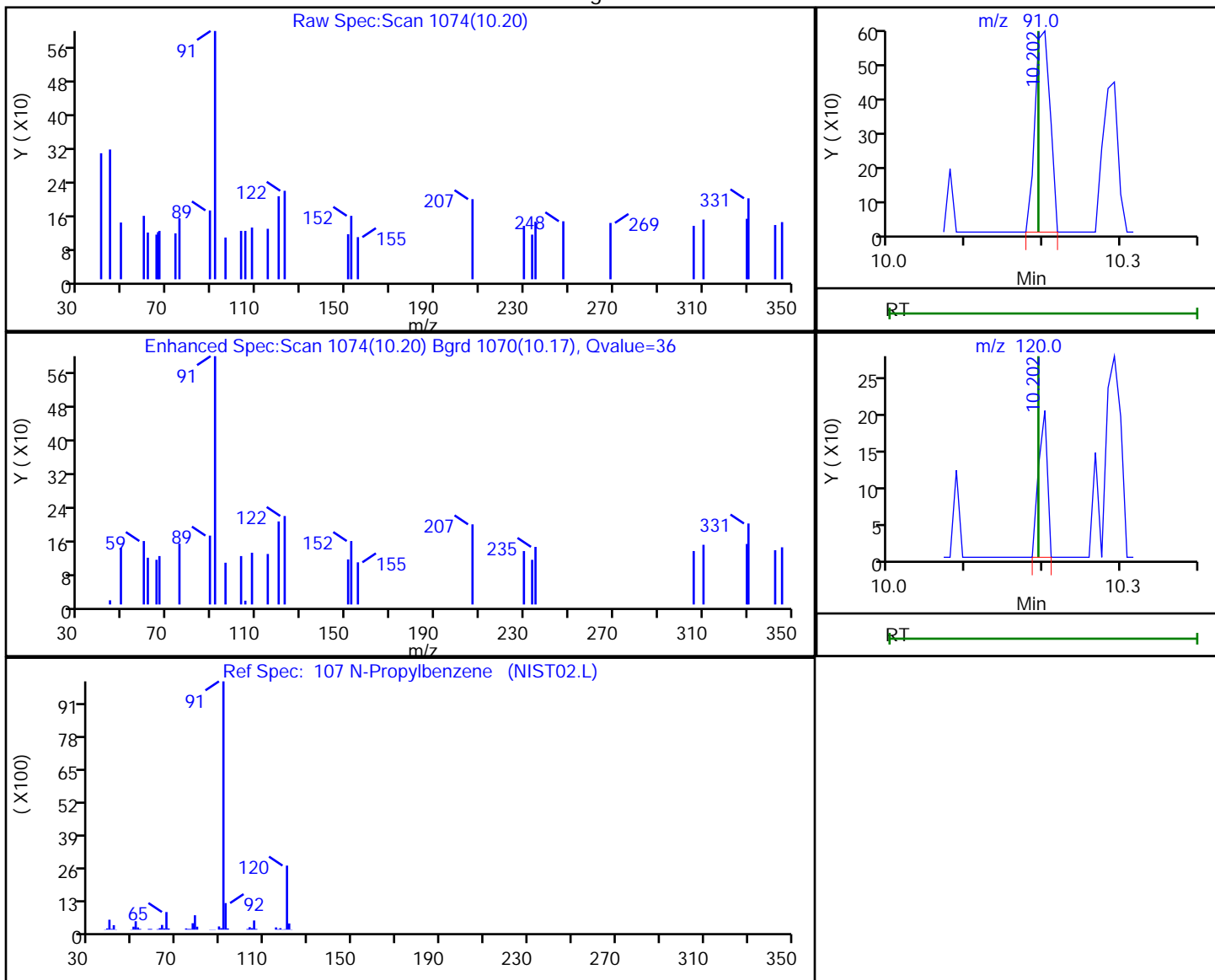
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

107 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.20	91.00	815	0.044740
10.20	120.00	159	

Reviewer: kluseys, 26-Jul-2020 12:04:58

Audit Action: Marked Compound Undetected

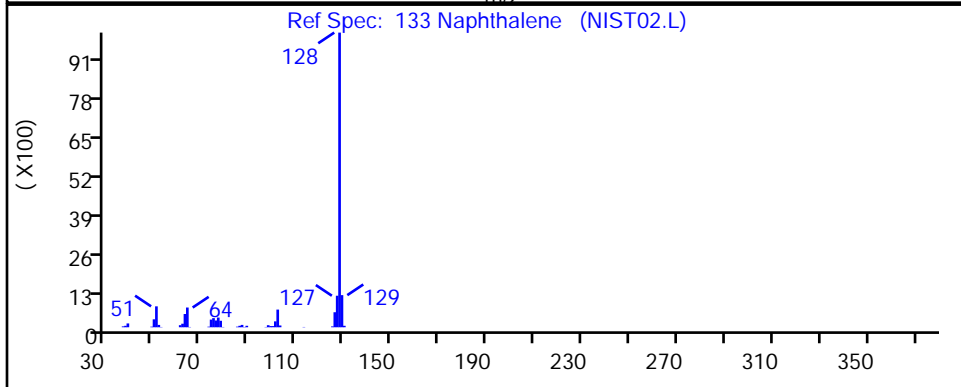
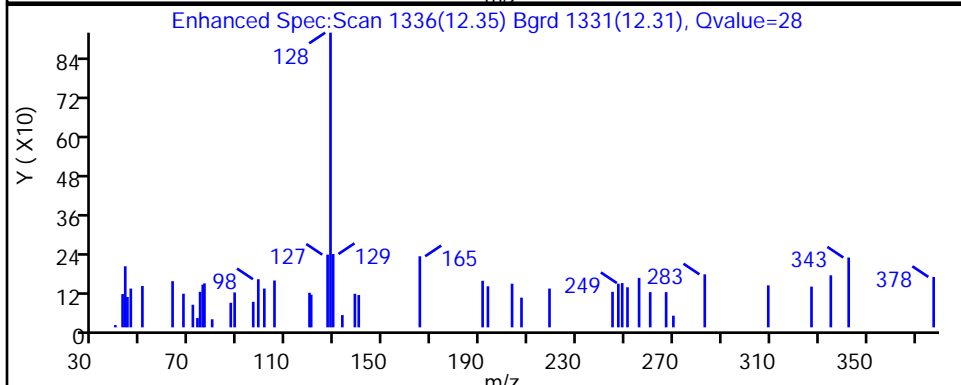
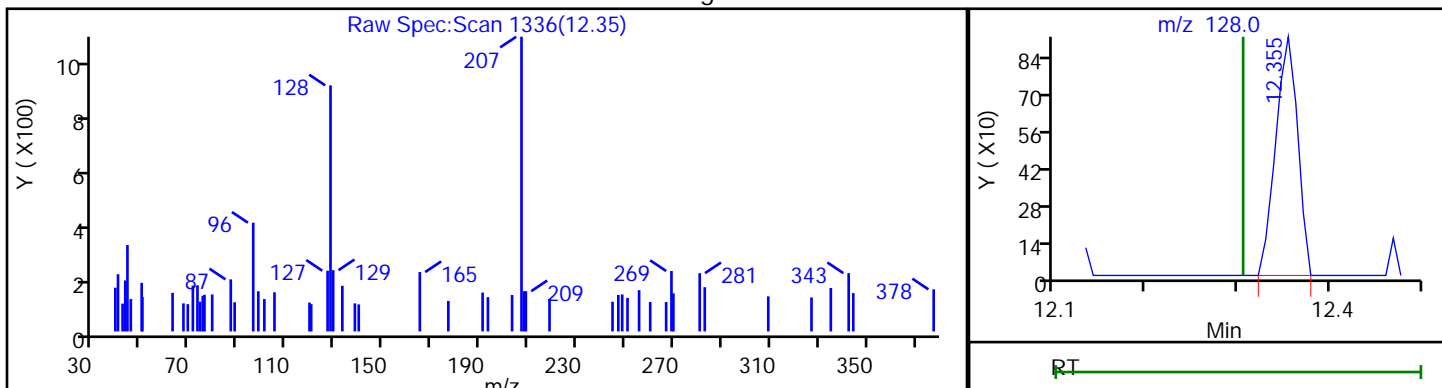
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
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
12.35	128.00	1524	0.095921

Reviewer: kluseys, 26-Jul-2020 12:05:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

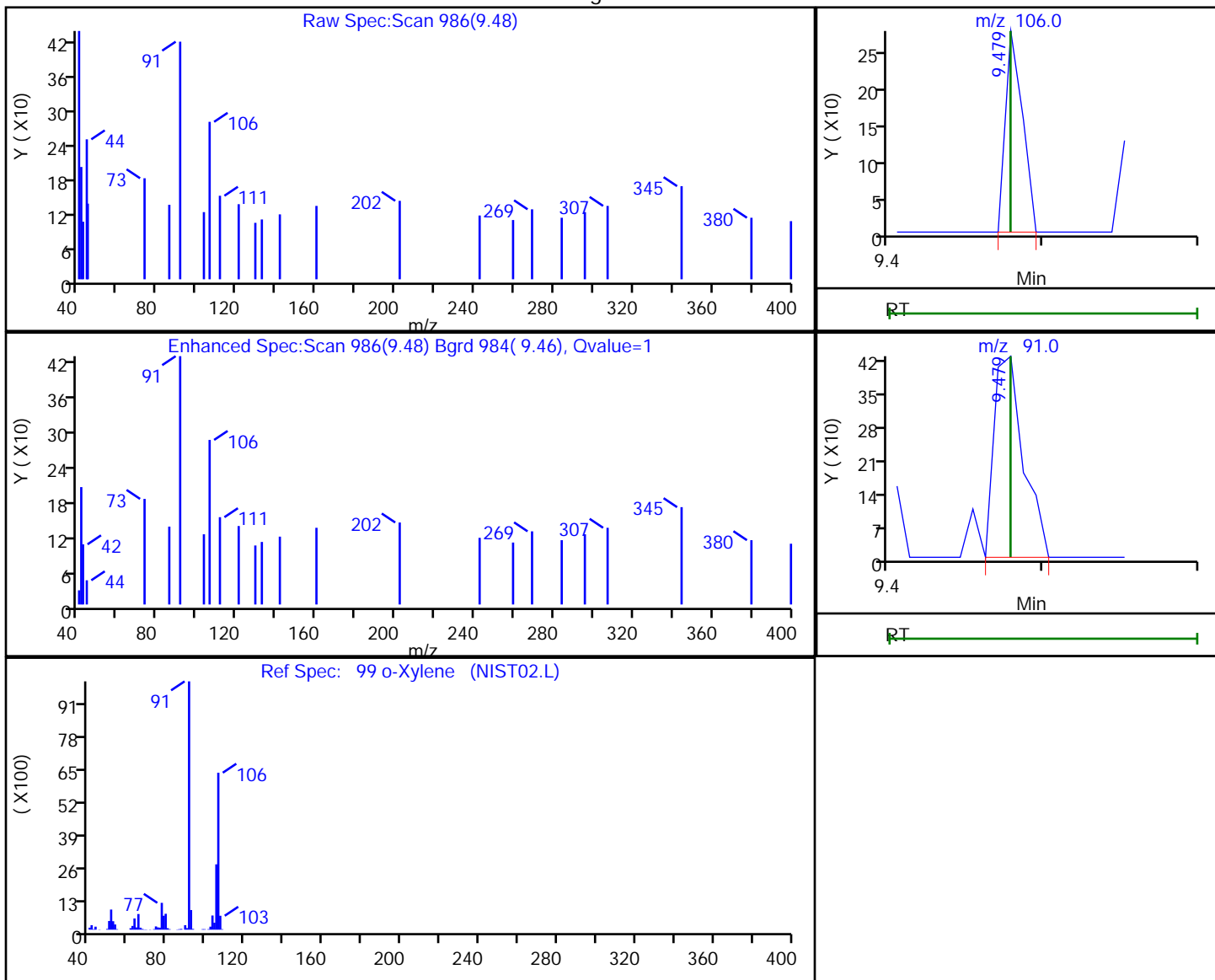
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

99 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.48	106.00	214	0.039728
9.48	91.00	555	

Reviewer: kluseys, 26-Jul-2020 12:04:54

Audit Action: Marked Compound Undetected

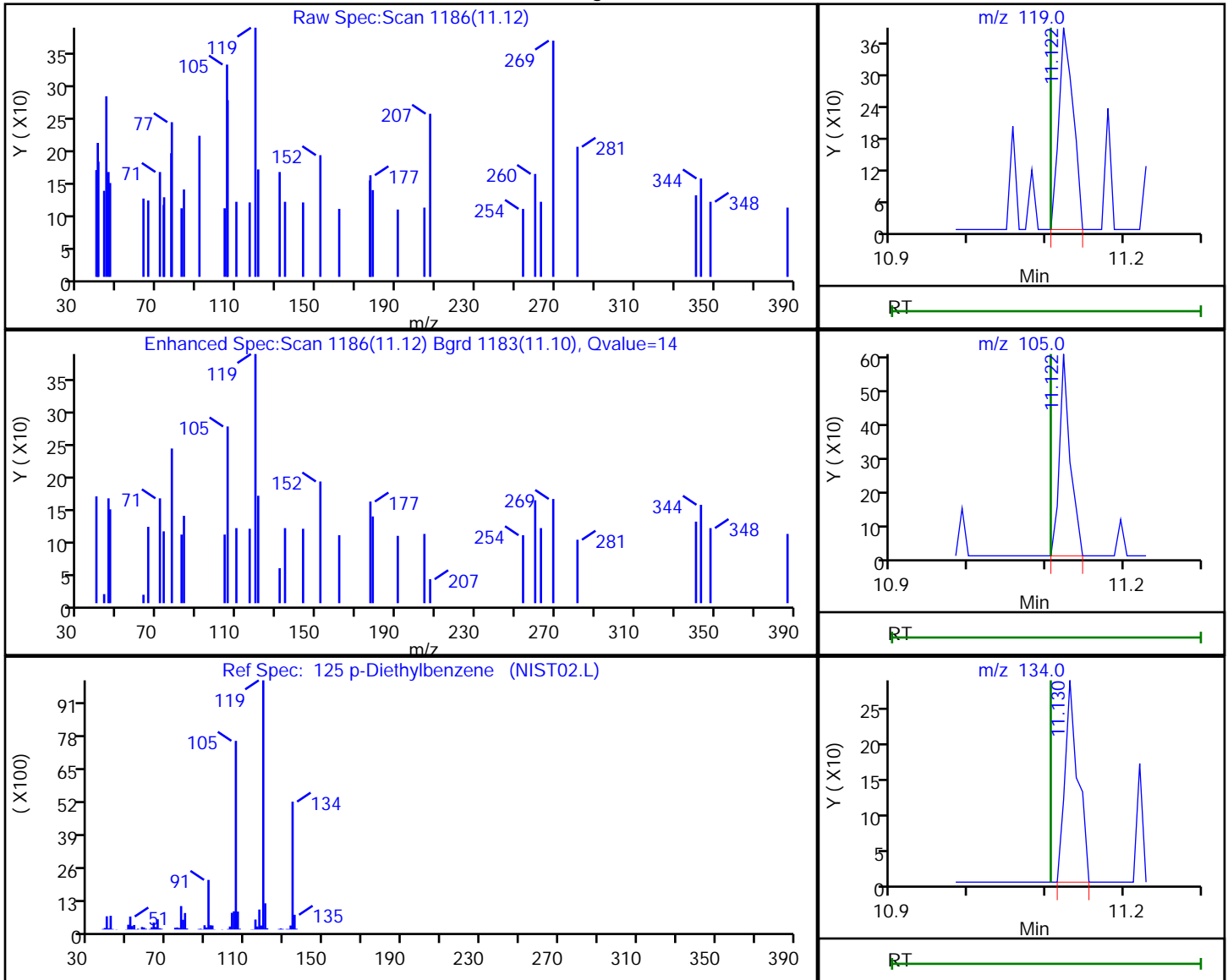
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

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

Processing Results



RT	Mass	Response	Amount
11.12	119.00	494	0.053490
11.12	105.00	576	
11.13	134.00	332	

Reviewer: kluseys, 26-Jul-2020 12:05:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

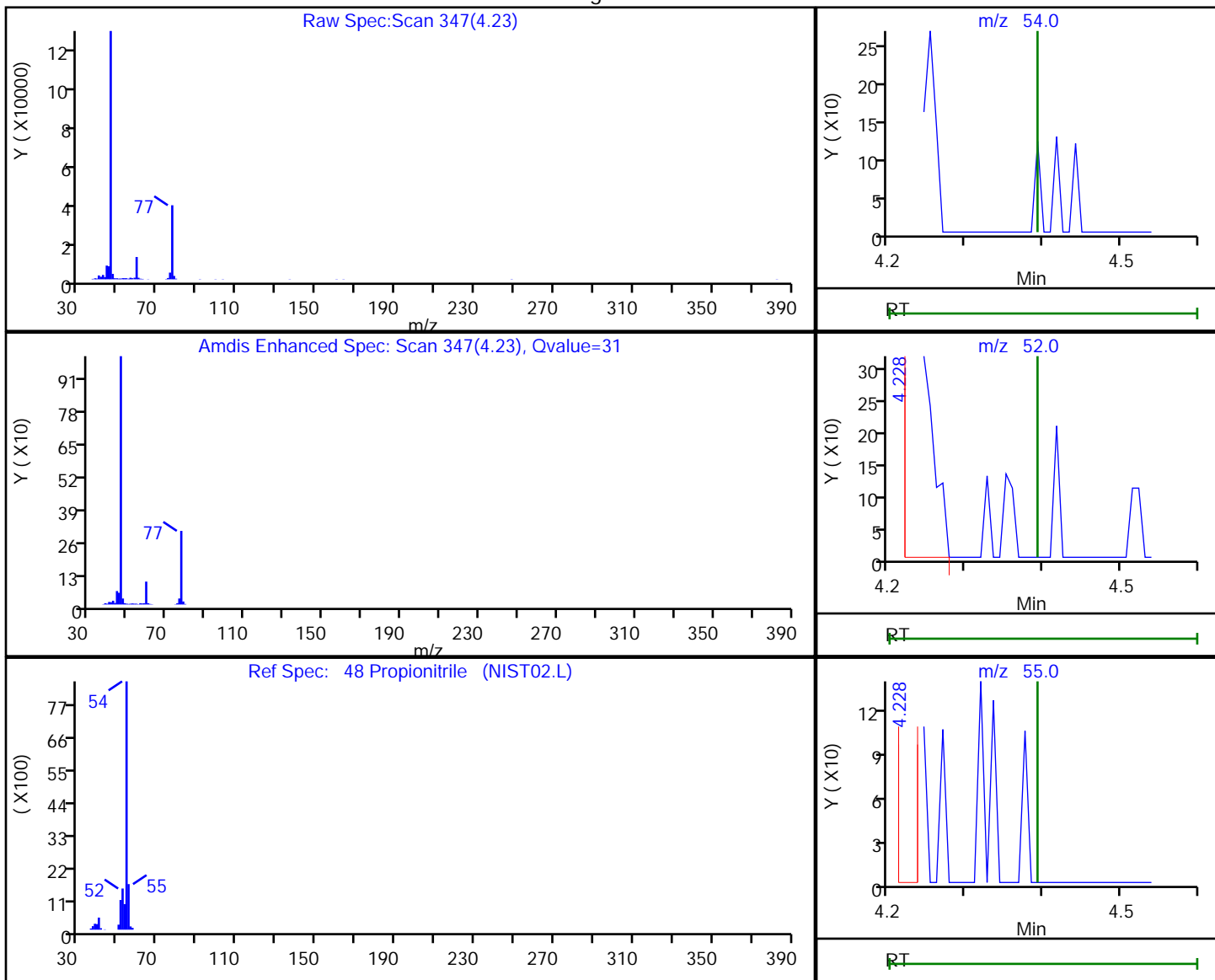
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.23	54.00	843	1.307914
4.23	52.00	1082	
4.23	55.00	342	

Reviewer: kluseys, 26-Jul-2020 12:04:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

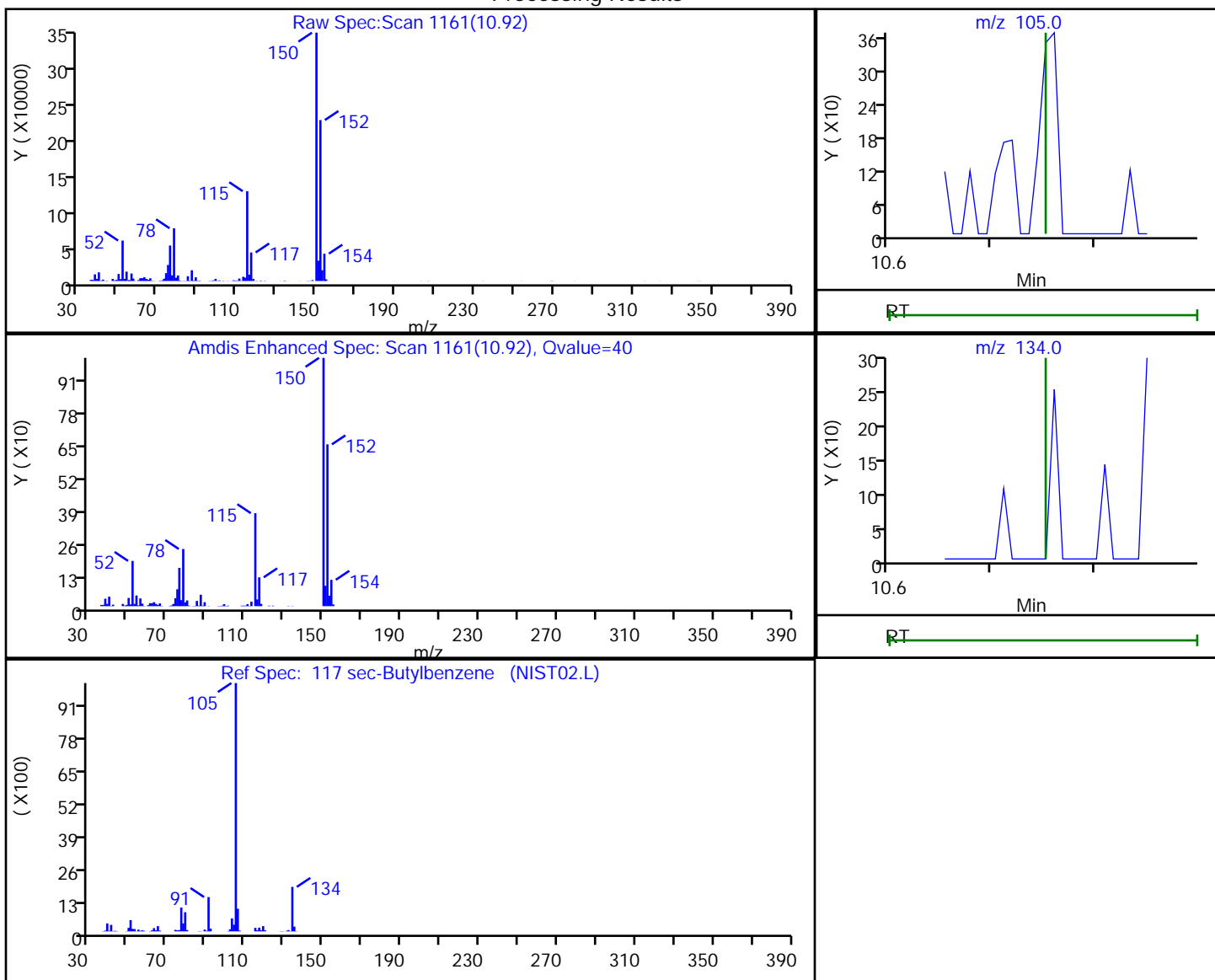
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

117 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.92	105.00	285	0.016794
10.92	134.00	382	

Reviewer: kluseys, 26-Jul-2020 12:05:04

Audit Action: Marked Compound Undetected

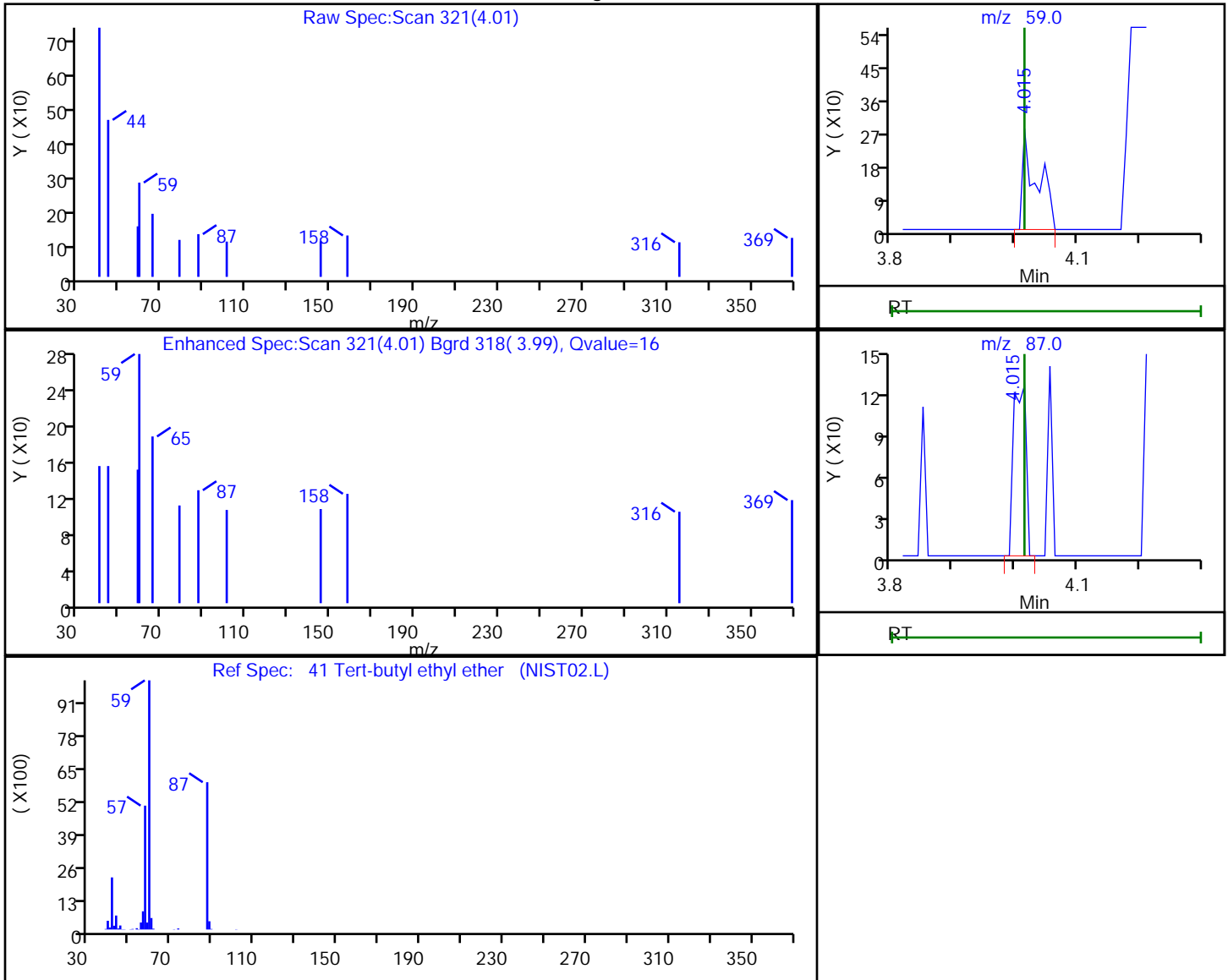
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
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

41 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
4.01	59.00	450	0.067316
4.01	87.00	177	

Reviewer: kluseys, 26-Jul-2020 12:04:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

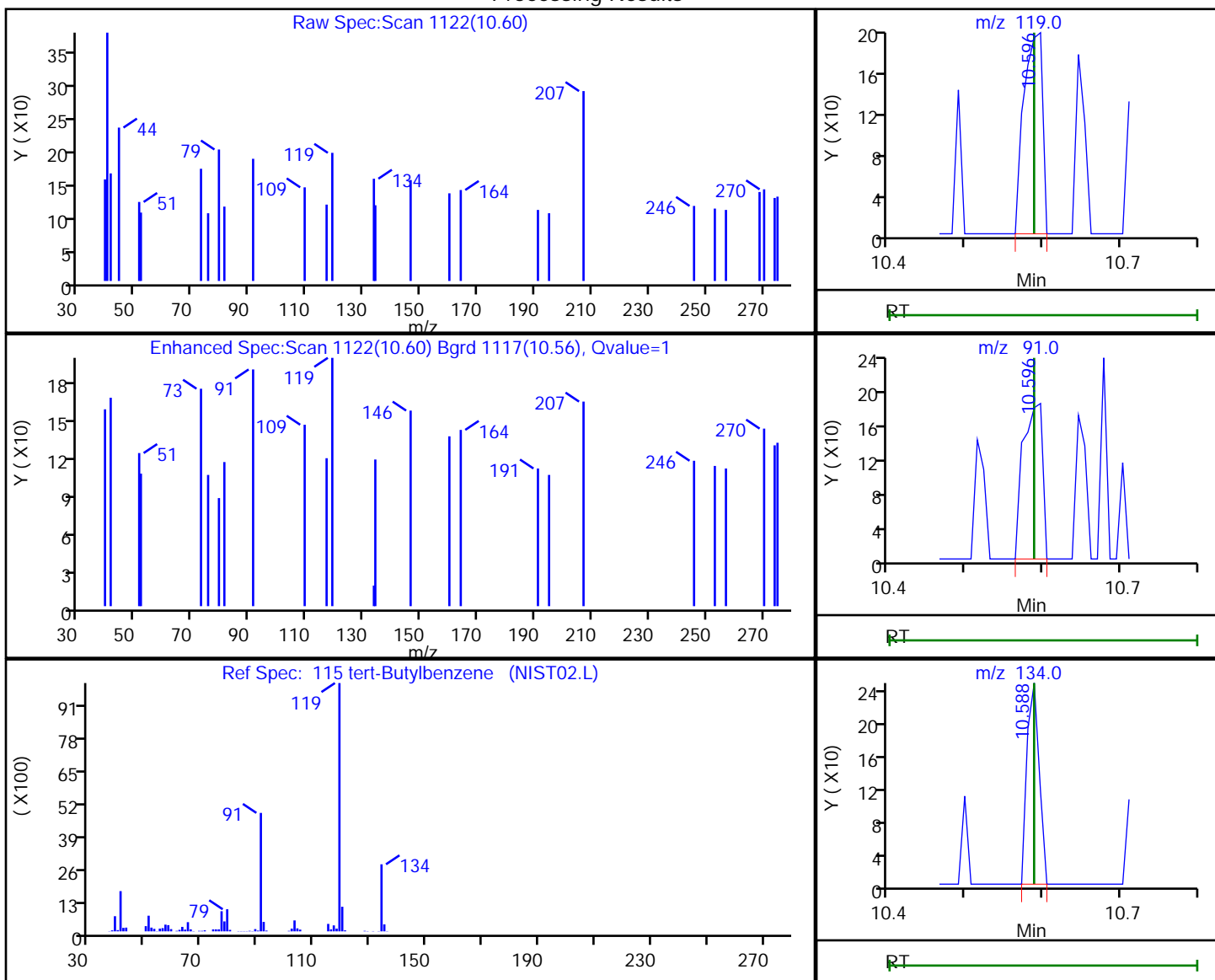
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

115 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.60	119.00	325	0.028562
10.60	91.00	321	
10.59	134.00	274	

Reviewer: kluseys, 26-Jul-2020 12:05:03

Audit Action: Marked Compound Undetected

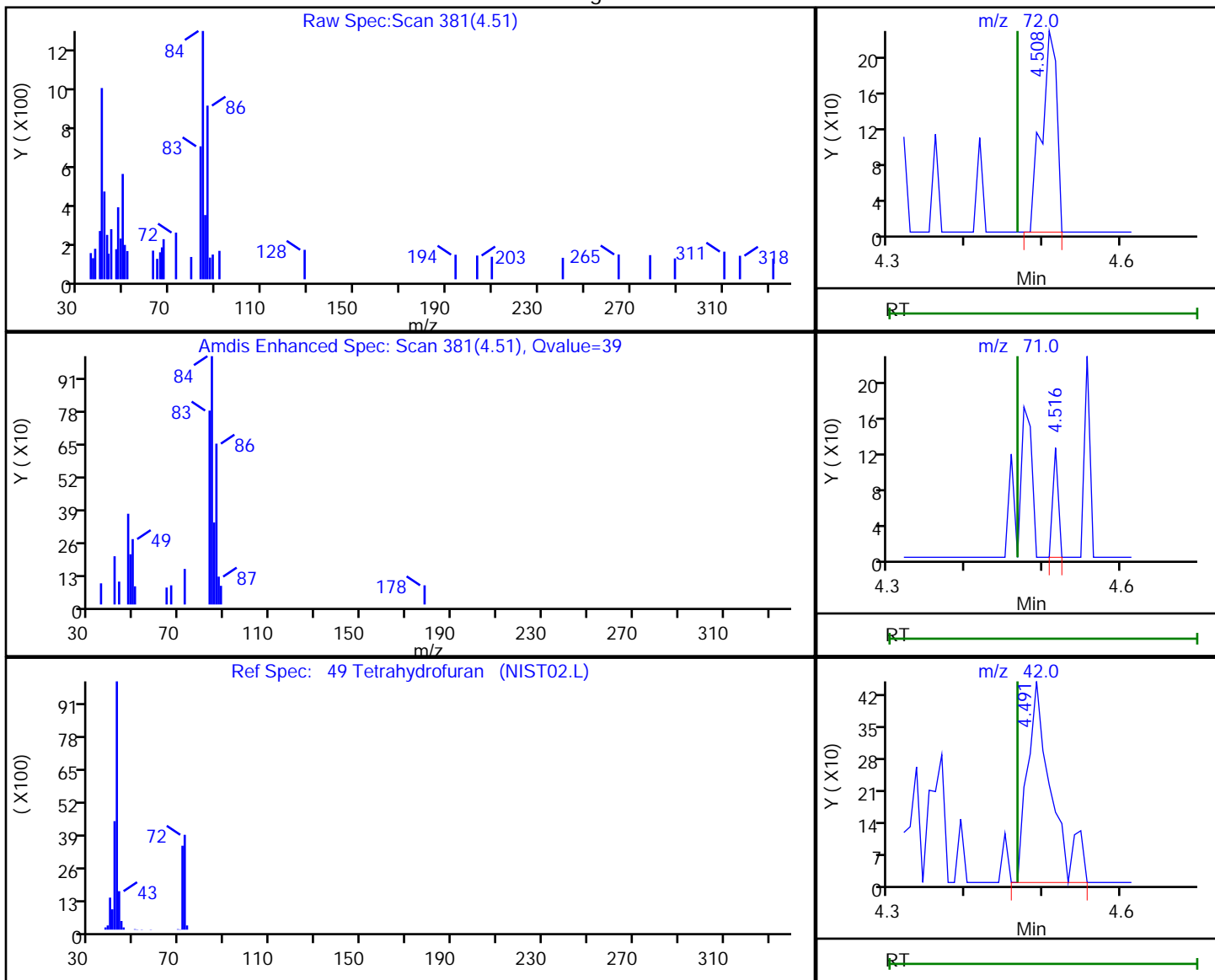
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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

49 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.51	72.00	313	0.599733
4.52	71.00	61	
4.49	42.00	968	

Reviewer: kluseys, 26-Jul-2020 12:04:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

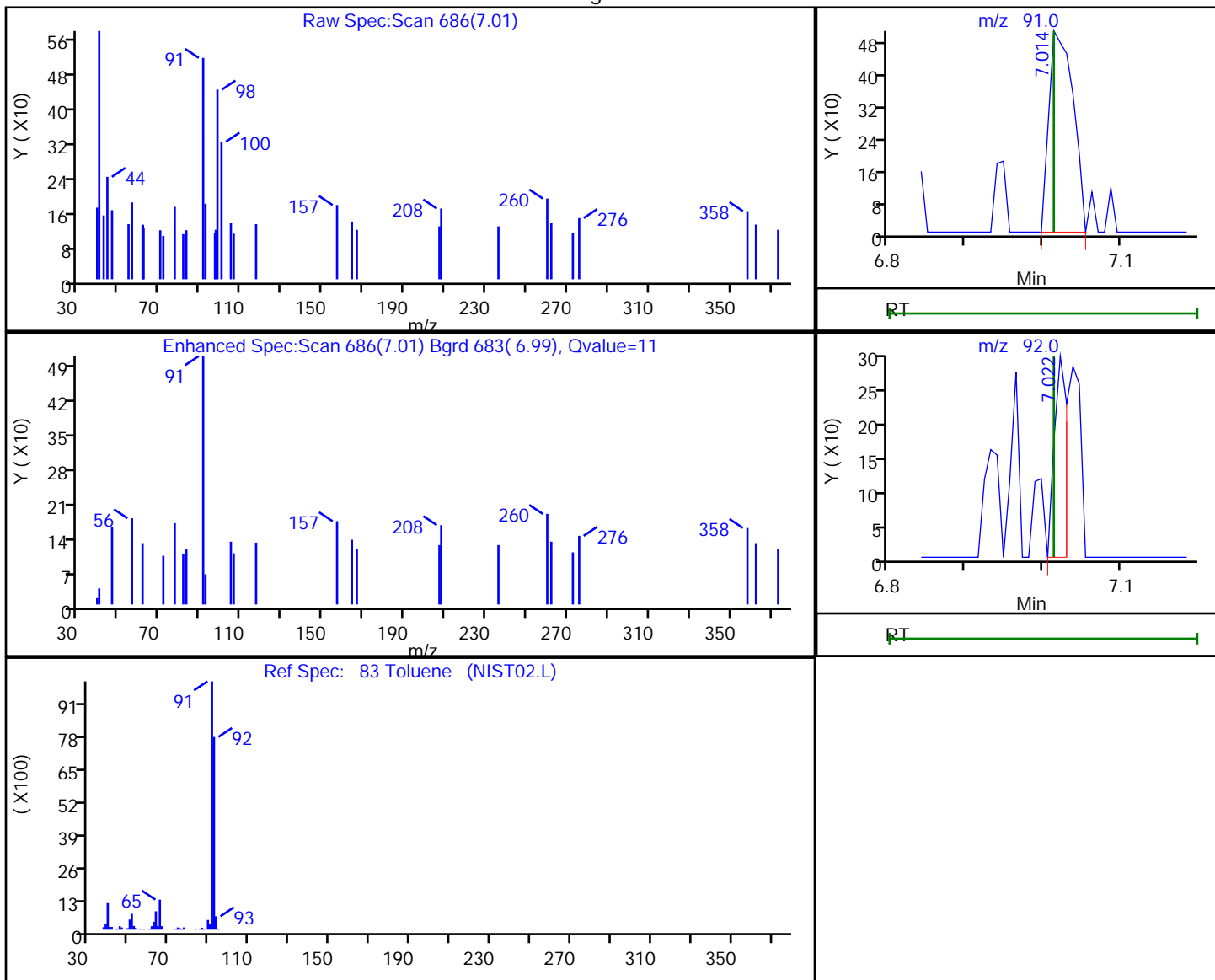
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.01	91.00	1108	0.090954
7.02	92.00	344	

Reviewer: kluseys, 26-Jul-2020 12:04:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

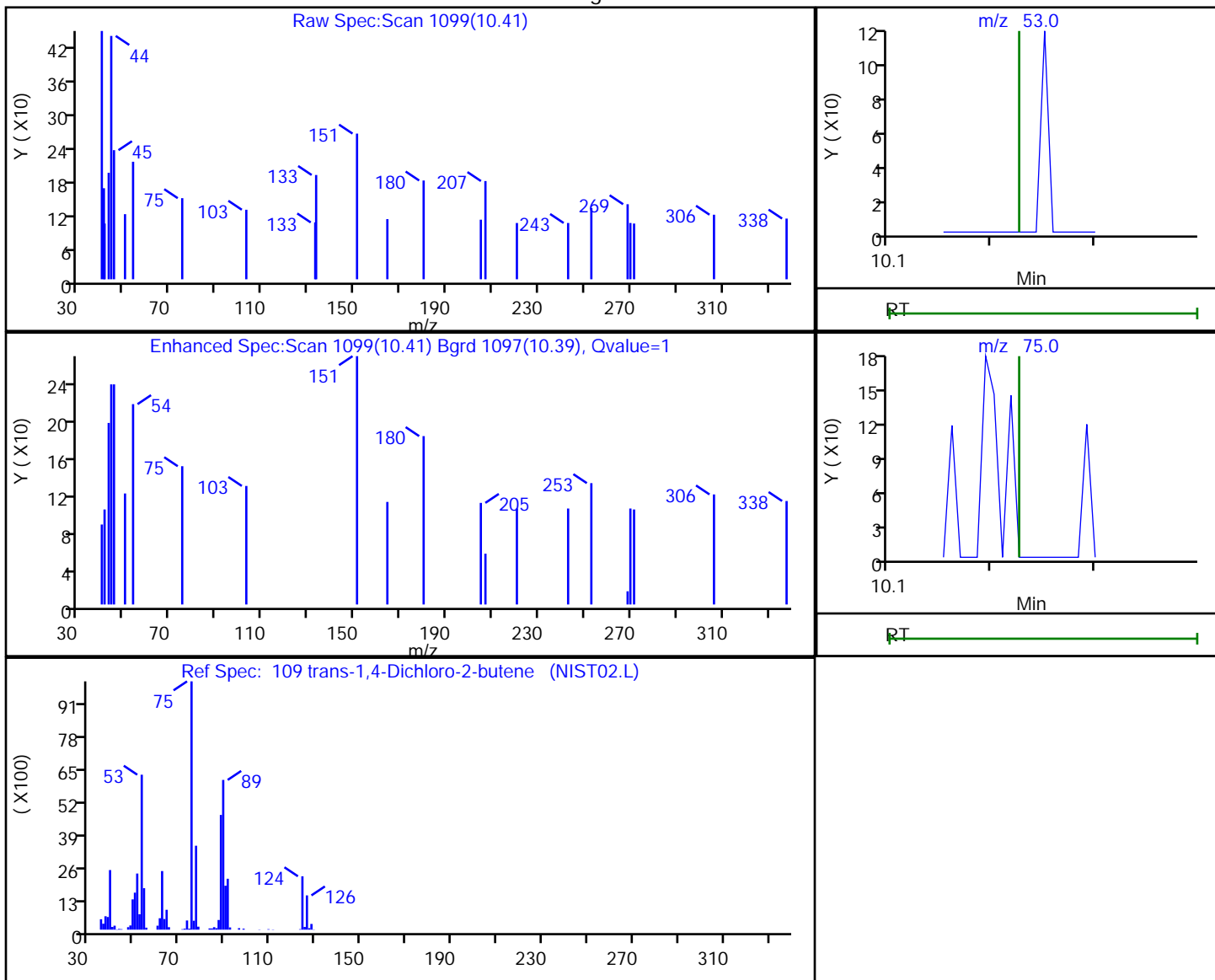
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
10.41	53.00	169	0.206536
10.41	75.00	142	

Reviewer: kluseys, 26-Jul-2020 12:04:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D

Injection Date: 25-Jul-2020 17:08:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

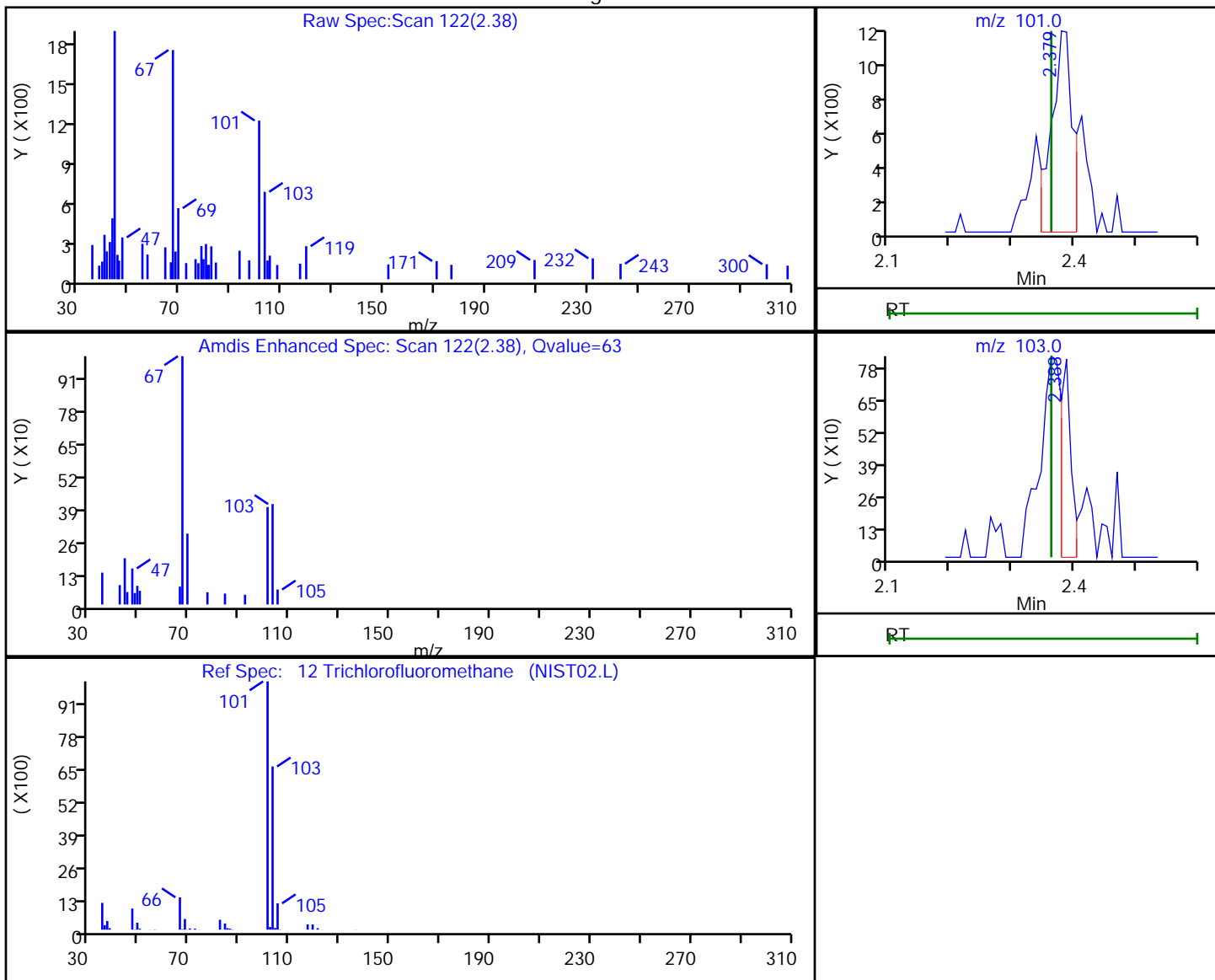
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.38	101.00	2781	0.492100
2.39	103.00	962	

Reviewer: kluseys, 26-Jul-2020 12:03:41

Audit Action: Marked Compound Undetected

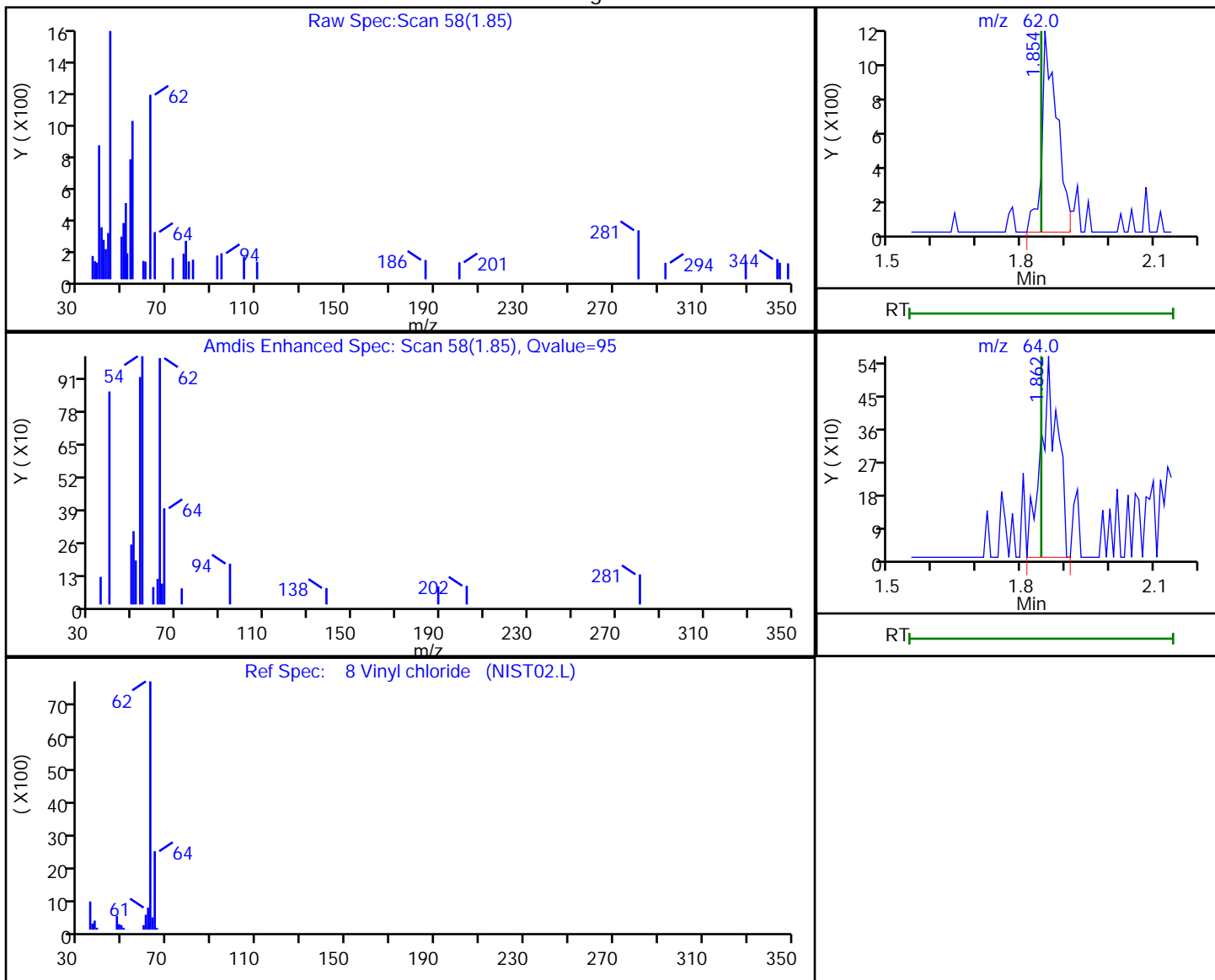
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99063.D
 Injection Date: 25-Jul-2020 17:08:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 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
1.85	62.00	2767	0.505808
1.86	64.00	1459	

Reviewer: kluseys, 26-Jul-2020 12:03:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 25-Jul-2020 17:32:30 ALS Bottle#: 4 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0113918-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:09:49 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:31:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.476	1.451	0.025	1	309	1.00	1.13	Ma
3 Chlorotrifluoroethene	116	1.591	1.549	0.042	41	784	1.00	0.5046	a
2 1,1-Difluoroethane	51	1.582	1.566	0.016	83	3068	1.00	1.03	
4 Dichlorodifluoromethane	85	1.591	1.582	0.009	97	3648	1.00	0.8998	
5 Chlorodifluoromethane	51	1.615	1.599	0.016	94	2984	1.00	0.8649	
6 Chloromethane	50	1.780	1.755	0.025	97	4094	1.00	0.8981	
7 Butadiene	54	1.845	1.837	0.008	87	3189	1.00	0.8504	
8 Vinyl chloride	62	1.870	1.845	0.025	87	3603	1.00	0.7959	
9 Bromomethane	94	2.141	2.116	0.025	92	3012	1.00	0.8351	
10 Chloroethane	64	2.182	2.166	0.016	73	3209	1.00	1.08	
11 Dichlorofluoromethane	67	2.363	2.346	0.017	96	5048	1.00	0.8886	
12 Trichlorofluoromethane	101	2.388	2.363	0.025	90	4690	1.00	1.01	
13 Pentane	72	2.379	2.363	0.016	85	1344	2.00	2.12	
15 Ethyl ether	59	2.560	2.544	0.016	96	2226	1.00	1.13	
14 Ethanol	46	2.462	2.544	-0.082	59	619	40.0	46.3	M
16 2-Methyl-1,3-butadiene	53	2.577	2.560	0.017	91	2252	1.00	1.02	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.618	2.609	0.009	71	2638	1.00	1.07	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.667	2.659	0.008	11	3703	1.00	0.9629	a
19 Acrolein	56	2.766	2.708	0.058	33	831	4.00	4.83	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	69	3149	1.00	1.15	
21 1,1-Dichloroethene	96	2.774	2.765	0.009	94	3103	1.00	1.10	
22 Acetone	43	2.864	2.839	0.025	20	6894	5.00	6.01	M
23 Iodomethane	142	2.922	2.913	0.009	91	5555	1.00	1.06	
24 Isopropyl alcohol	45	2.922	2.922	0.000	23	1376	10.0	12.0	M
25 Carbon disulfide	76	2.979	2.963	0.016	99	12452	1.00	1.13	
26 3-Chloro-1-propene	41	3.061	3.045	0.016	70	5927	1.00	1.25	a
27 Methyl acetate	43	3.070	3.061	0.009	99	5297	2.00	2.55	
28 Cyclopentene	67	3.094	3.069	0.025	92	7604	1.00	1.15	
29 Acetonitrile	41	3.185	3.127	0.058	20	2945	10.0	9.00	Ma
* 31 TBA-d9 (IS)	65	3.185	3.168	0.017	0	324769	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	3.176	0.017	87	4301	1.00	1.24	
32 2-Methyl-2-propanol	59	3.242	3.234	0.008	50	2539	10.0	8.85	
33 Methyl tert-butyl ether	73	3.333	3.324	0.009	96	7441	1.00	1.06	
34 trans-1,2-Dichloroethene	96	3.357	3.349	0.008	87	3443	1.00	1.16	
35 Acrylonitrile	53	3.439	3.423	0.016	97	13528	10.0	9.77	
36 Hexane	43	3.513	3.505	0.008	91	2560	1.00	1.17	
37 Isopropyl ether	45	3.719	3.710	0.009	94	8443	1.00	1.11	
38 1,1-Dichloroethane	63	3.752	3.743	0.009	97	4769	1.00	1.00	
39 Vinyl acetate	86	3.768	3.751	0.017	94	1130	2.00	2.01	
40 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	83	2629	1.00	1.03	
41 Tert-butyl ethyl ether	59	4.023	4.014	0.009	91	6546	1.00	0.9366	
* 42 2-Butanone-d5	46	4.220	4.212	0.008	0	379944	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.236	0.009	48	825	1.00	1.00	M
44 cis-1,2-Dichloroethene	96	4.253	4.244	0.009	96	3611	1.00	1.14	
45 Ethyl acetate	70	4.269	4.269	0.000	93	781	2.00	1.79	
46 2-Butanone (MEK)	72	4.278	4.269	0.009	99	2136	5.00	4.39	
47 Methyl acrylate	55	4.327	4.318	0.009	96	3358	1.00	1.38	
48 Propionitrile	54	4.401	4.392	0.009	91	3906	10.0	7.38	M
49 Tetrahydrofuran	72	4.475	4.466	0.009	51	1349	2.00	2.33	
50 Chlorobromomethane	128	4.475	4.466	0.009	76	1061	1.00	0.7055	M
51 Methacrylonitrile	67	4.508	4.491	0.017	92	12549	10.0	10.0	
52 Chloroform	83	4.524	4.516	0.008	95	6488	1.00	1.36	
53 Cyclohexane	84	4.672	4.655	0.017	31	4906	1.00	1.09	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.672	0.008	97	147357	50.0	56.4	
54 1,1,1-Trichloroethane	97	4.680	4.672	0.008	36	4123	1.00	0.9779	
56 Carbon tetrachloride	117	4.795	4.787	0.008	90	3252	1.00	0.9352	
57 1,1-Dichloropropene	75	4.820	4.811	0.009	94	3212	1.00	0.9102	
58 Isobutyl alcohol	43	4.968	4.926	0.042	1	2669	25.0	30.1	M
59 Benzene	78	5.009	5.009	0.000	45	8655	1.00	0.8475	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.017	0.008	0	133308	50.0	43.7	
61 Isopropyl acetate	43	5.075	5.058	0.017	78	5664	1.00	0.8310	
62 Tert-amyl methyl ether	73	5.075	5.066	0.009	87	6225	1.00	0.8399	
63 1,2-Dichloroethane	62	5.099	5.091	0.008	90	2849	1.00	0.8343	
64 n-Heptane	57	5.173	5.157	0.016	67	1674	1.00	0.9680	Ma
* 65 Fluorobenzene	96	5.296	5.288	0.008	99	499687	50.0	50.0	
66 n-Butanol	56	5.576	5.584	-0.008	29	1277	25.0	17.2	a
67 Trichloroethene	95	5.642	5.633	0.009	93	2399	1.00	0.8948	
68 Ethyl acrylate	55	5.773	5.756	0.017	94	5591	1.00	0.8997	a
69 Methylcyclohexane	83	5.773	5.765	0.008	85	4482	1.00	0.9582	
70 1,2-Dichloropropane	63	5.929	5.921	0.008	81	2481	1.00	0.9321	
* 71 1,4-Dioxane-d8	96	5.978	5.970	0.008	0	28398	1000.0	1000.0	
72 Methyl methacrylate	100	5.995	5.995	0.000	81	1409	2.00	1.81	
73 1,4-Dioxane	88	6.044	6.028	0.016	34	1166	50.0	45.5	M
75 Dibromomethane	93	6.061	6.044	0.017	82	1941	1.00	1.07	
74 n-Propyl acetate	43	6.061	6.052	0.009	90	3215	1.00	0.9351	
76 Dichlorobromomethane	83	6.208	6.200	0.008	97	3863	1.00	1.07	
77 2-Nitropropane	41	6.545	6.529	0.016	82	1735	2.00	2.39	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	69	1193	1.00	0.5895	
79 Epichlorohydrin	57	6.644	6.636	0.008	97	5523	20.0	14.6	
80 cis-1,3-Dichloropropene	75	6.701	6.693	0.008	91	4472	1.00	1.05	
81 4-Methyl-2-pentanone (MIBK)	43	6.874	6.857	0.017	94	12499	5.00	3.67	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.940	0.008	99	607119	50.0	59.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.022	7.014	0.008	98	11884	1.00	1.00	
84 trans-1,3-Dichloropropene	75	7.359	7.359	0.000	88	2642	1.00	0.7392	
85 Ethyl methacrylate	69	7.408	7.392	0.016	85	2387	1.00	0.7167	
86 1,1,2-Trichloroethane	83	7.572	7.572	0.000	90	1731	1.00	0.8696	
87 Tetrachloroethene	166	7.622	7.622	0.000	93	2094	1.00	0.8017	
88 1,3-Dichloropropane	76	7.794	7.786	0.008	91	4040	1.00	1.01	
89 2-Hexanone	43	7.852	7.852	0.000	94	8446	5.00	4.06	
90 n-Butyl acetate	43	7.975	7.967	0.008	95	3546	1.00	0.9890	
91 Chlorodibromomethane	129	8.016	8.008	0.008	93	2708	1.00	1.05	
92 Ethylene Dibromide	107	8.172	8.172	0.000	97	2052	1.00	0.8760	
* 93 Chlorobenzene-d5	117	8.723	8.714	0.009	86	372214	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	95	7292	1.00	0.9875	
95 Ethylbenzene	106	8.863	8.862	0.001	97	3769	1.00	0.9203	
96 1,1,1,2-Tetrachloroethane	131	8.871	8.871	0.000	43	2395	1.00	0.8905	
97 m-Xylene & p-Xylene	106	9.019	9.018	0.001	0	4222	1.00	0.8662	
98 n-Butyl acrylate	73	9.479	9.470	0.009	64	1800	1.00	0.8454	
99 o-Xylene	106	9.487	9.479	0.008	94	4877	1.00	0.9283	
100 Styrene	104	9.512	9.512	0.000	94	7029	1.00	0.8708	
101 Amyl acetate (mixed isomers)	43	9.701	9.700	0.001	94	3023	1.00	0.5416	
102 Bromoform	173	9.717	9.709	0.008	70	1594	1.00	0.8925	
103 Isopropylbenzene	105	9.832	9.832	0.000	95	8982	1.00	0.7030	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	90	151247	50.0	51.5	
105 Bromobenzene	156	10.136	10.128	0.008	93	2948	1.00	0.8075	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.169	0.008	95	3424	1.00	0.8941	
107 N-Propylbenzene	91	10.202	10.194	0.008	99	12769	1.00	0.7020	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	94	993	1.00	0.8128	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.226	0.009	67	775	1.00	0.8007	
110 2-Chlorotoluene	91	10.292	10.284	0.008	96	9220	1.00	0.7185	
111 4-Ethyltoluene	105	10.301	10.292	0.008	96	10414	1.00	0.6725	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	94	8262	1.00	0.6134	
113 4-Chlorotoluene	91	10.383	10.382	0.001	97	7804	1.00	0.6997	
114 Butyl Methacrylate	87	10.440	10.432	0.008	87	2459	1.00	0.4964	
115 tert-Butylbenzene	119	10.596	10.588	0.008	94	6941	1.00	0.6108	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	9991	1.00	0.7104	
117 sec-Butylbenzene	105	10.752	10.752	0.000	98	12097	1.00	0.7139	
119 1,3-Dichlorobenzene	146	10.859	10.851	0.008	82	7214	1.00	0.8879	
118 4-Isopropyltoluene	119	10.859	10.851	0.008	97	10789	1.00	0.7080	
* 120 1,4-Dichlorobenzene-d4	152	10.917	10.900	0.017	95	256519	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.933	10.917	0.016	92	7056	1.00	0.8963	
122 1,2,3-Trimethylbenzene	105	10.941	10.933	0.008	94	11203	1.00	0.7549	
123 Benzyl chloride	91	11.032	11.023	0.009	98	6440	1.00	0.9019	
124 2,3-Dihydroindene	117	11.081	11.065	0.017	94	11763	1.00	0.7771	
125 p-Diethylbenzene	119	11.122	11.106	0.016	93	6498	1.00	0.7639	a
126 n-Butylbenzene	92	11.139	11.122	0.017	97	6438	1.00	0.7555	
127 1,2-Dichlorobenzene	146	11.188	11.171	0.017	97	7205	1.00	0.8588	
128 1,2,4,5-Tetramethylbenzene	119	11.623	11.590	0.033	97	9999	1.00	0.6820	
129 1,2-Dibromo-3-Chloropropane	157	11.706	11.664	0.042	80	736	1.00	0.7680	
130 1,3,5-Trichlorobenzene	180	11.788	11.747	0.042	93	5345	1.00	0.8319	
131 1,2,4-Trichlorobenzene	180	12.182	12.141	0.041	92	4995	1.00	0.8168	
132 Hexachlorobutadiene	225	12.256	12.207	0.049	83	1966	1.00	0.8123	
133 Naphthalene	128	12.355	12.305	0.050	99	12869	1.00	0.8111	
134 1,2,3-Trichlorobenzene	180	12.519	12.470	0.049	94	4305	1.00	0.7498	

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		2.00	2.30	
S 136 Xylenes, Total	100				0		2.00	1.79	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00378	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00109	Amount Added: 4.00	Units: uL	
524freon_00025	Amount Added: 10.00	Units: uL	
14DIOXINTER_00117	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\20200725-113918.b\F99064.D

Injection Date: 25-Jul-2020 17:32:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD1

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

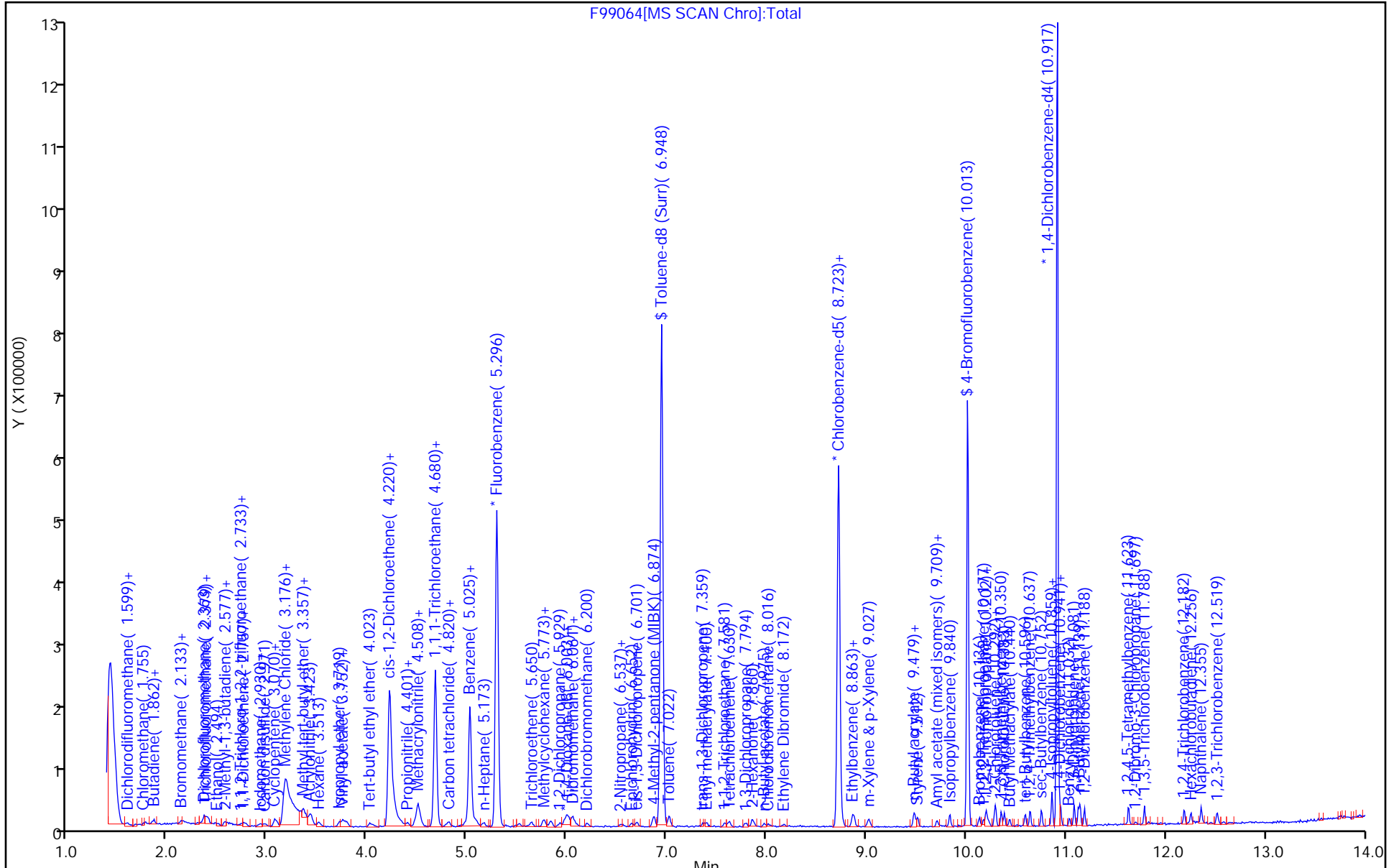
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



F99064[MS SCAN Chro]:Total

Y (X100000)

Min

Eurofins TestAmerica, Edison

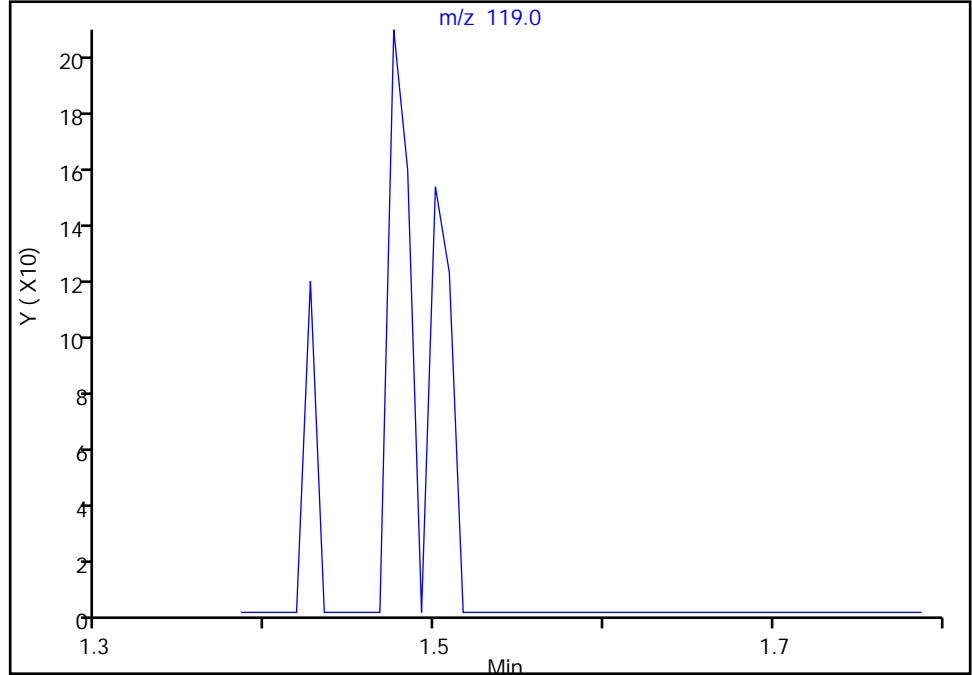
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

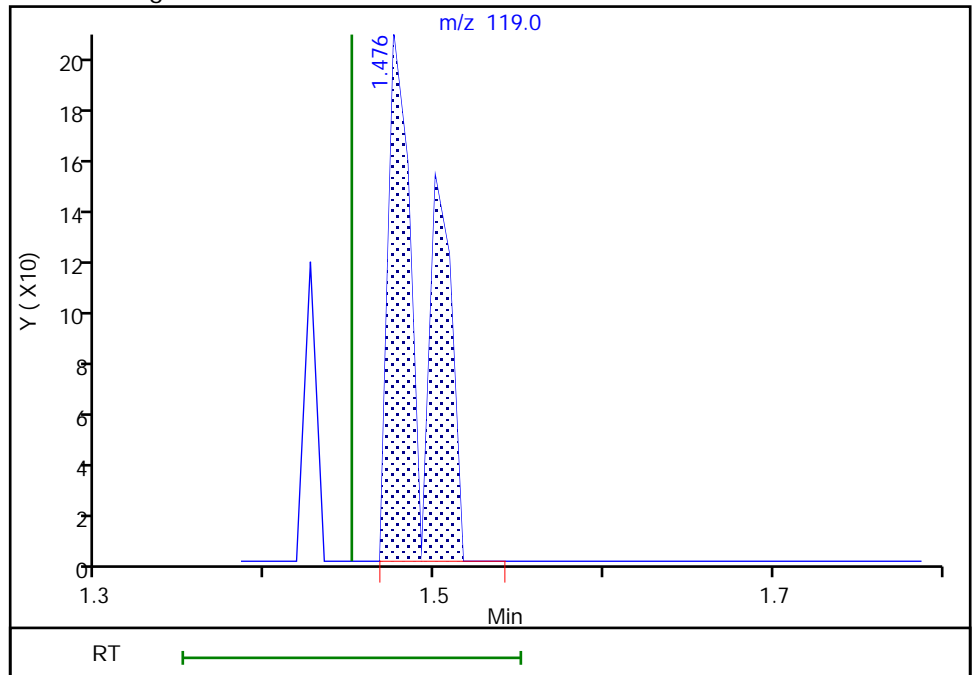
Not Detected
Expected RT: 1.45

Processing Integration Results



RT: 1.48
Area: 309
Amount: 1.127939
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:43:41
Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

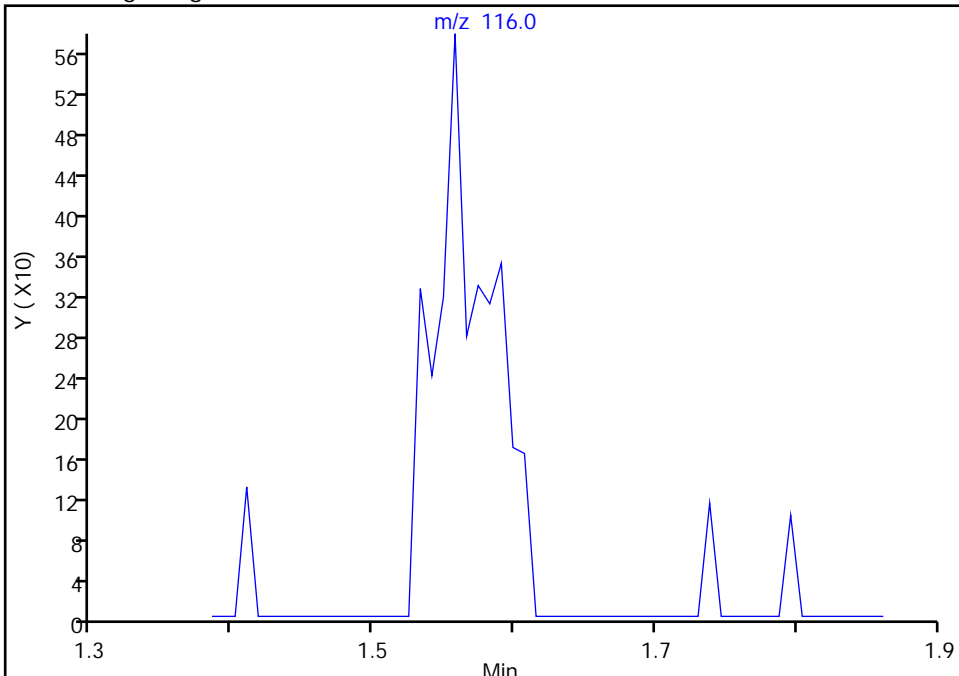
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Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

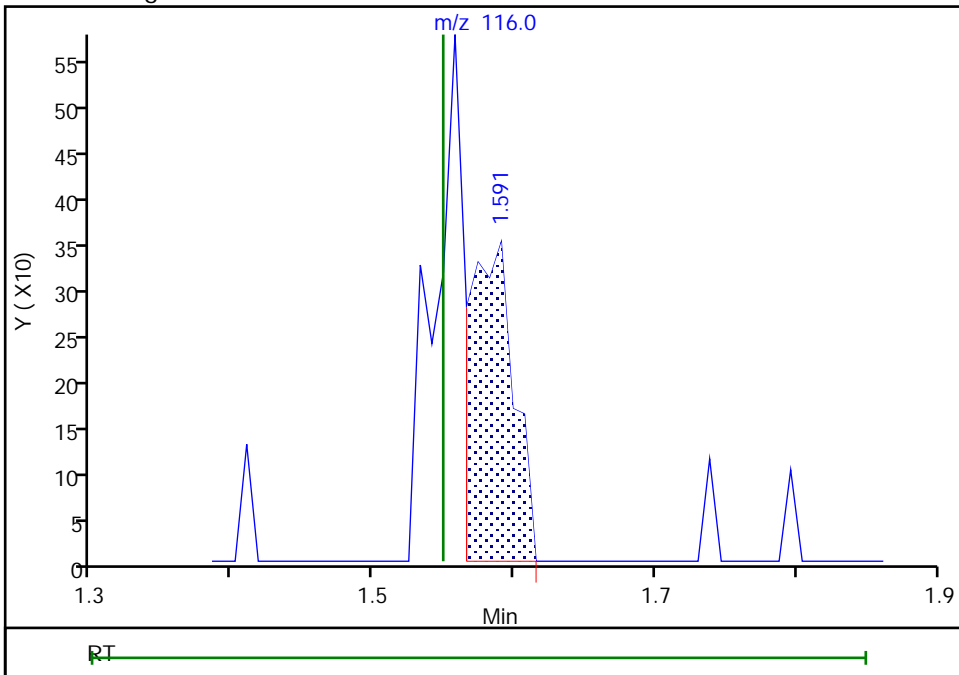
Not Detected
Expected RT: 1.55

Processing Integration Results



Manual Integration Results

RT: 1.59
Area: 784
Amount: 0.504572
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:28:31
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

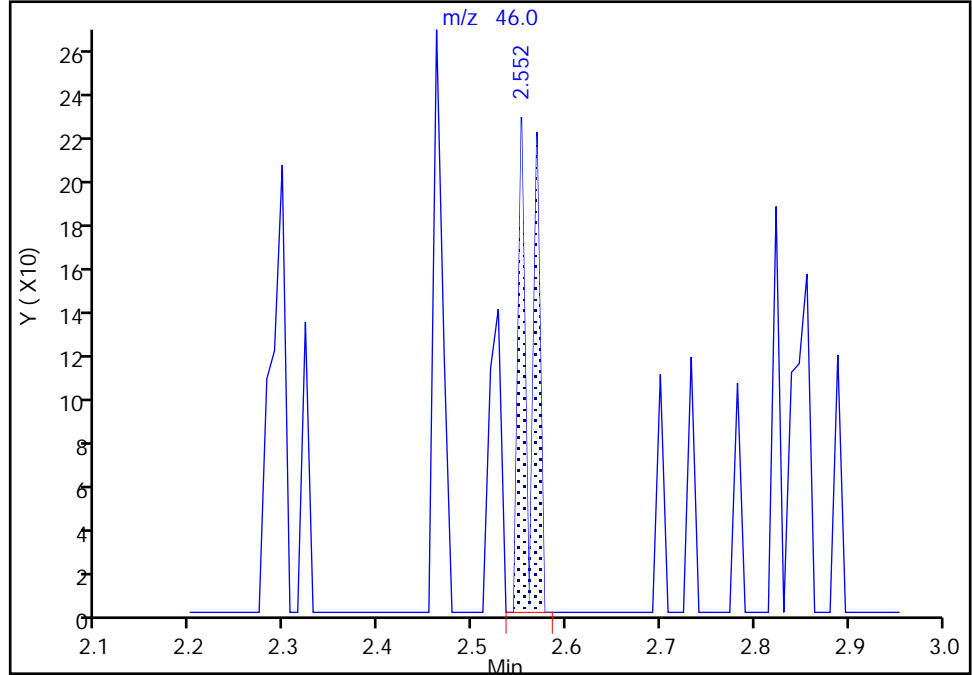
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

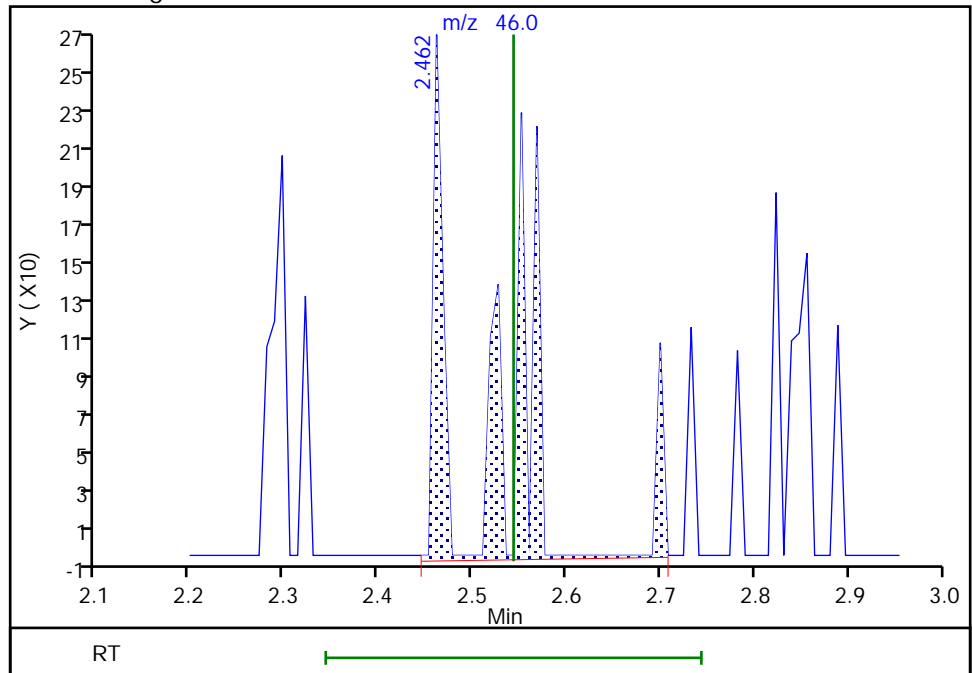
RT: 2.55
Area: 220
Amount: 16.443658
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 619
Amount: 46.260609
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:49:13
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

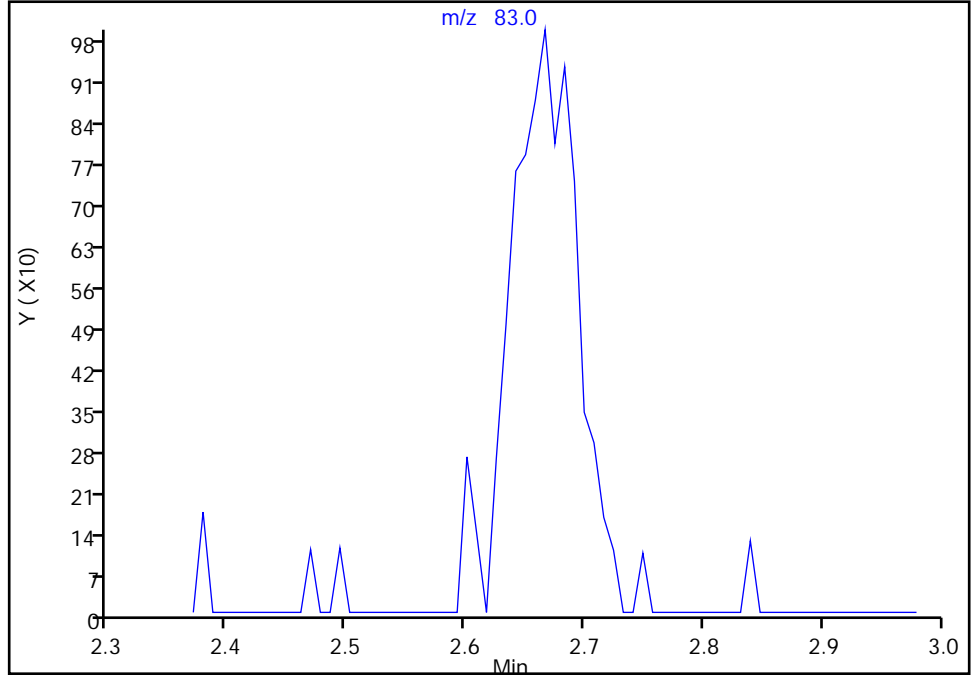
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

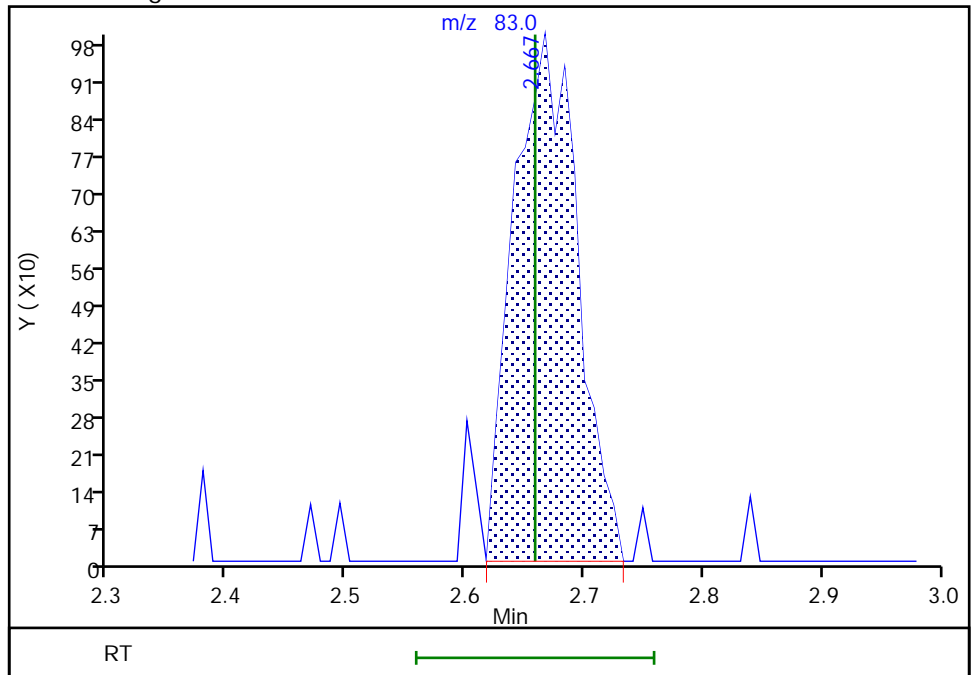
Not Detected
Expected RT: 2.66

Processing Integration Results



RT: 2.67
Area: 3703
Amount: 0.962873
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:28:53
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

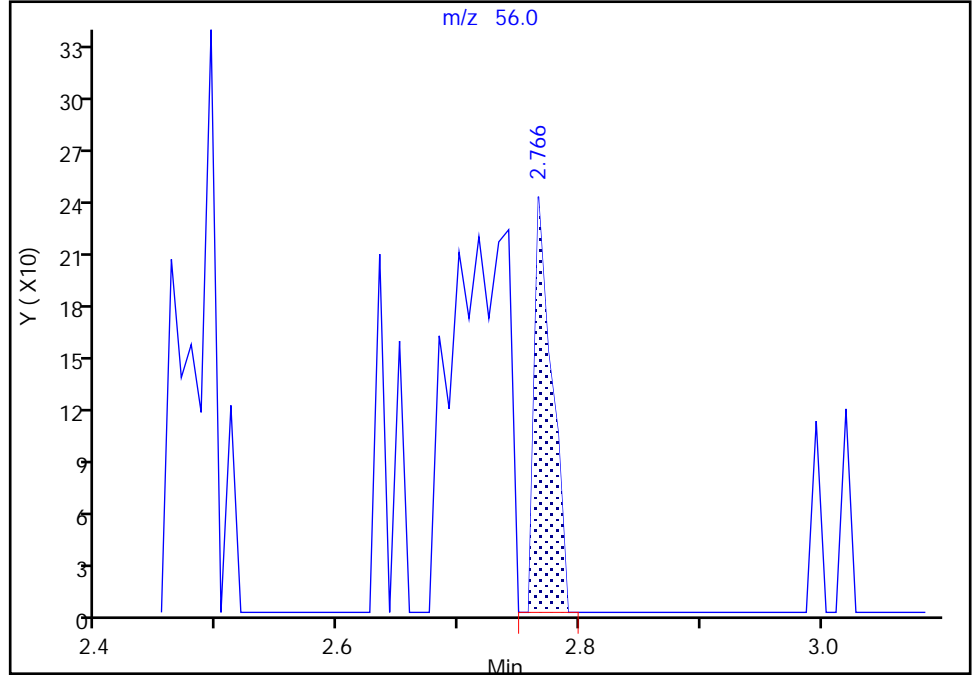
ALS Bottle#: 4 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

19 Acrolein, CAS: 107-02-8

Signal: 1

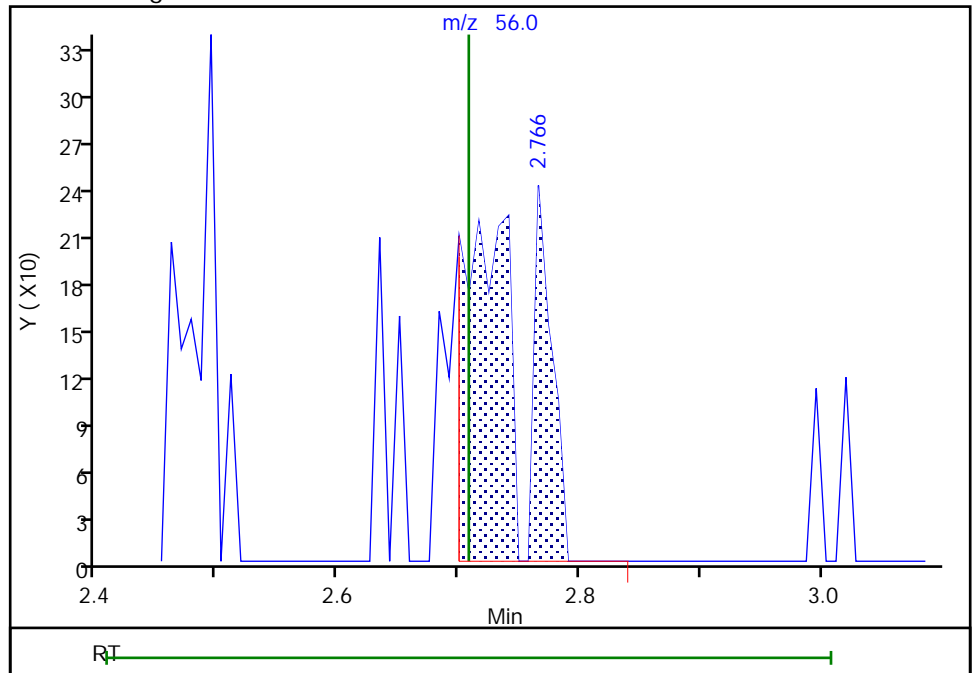
RT: 2.77
Area: 243
Amount: 1.352317
Amount Units: ug/l

Processing Integration Results



RT: 2.77
Area: 831
Amount: 4.832696
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:38:02
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

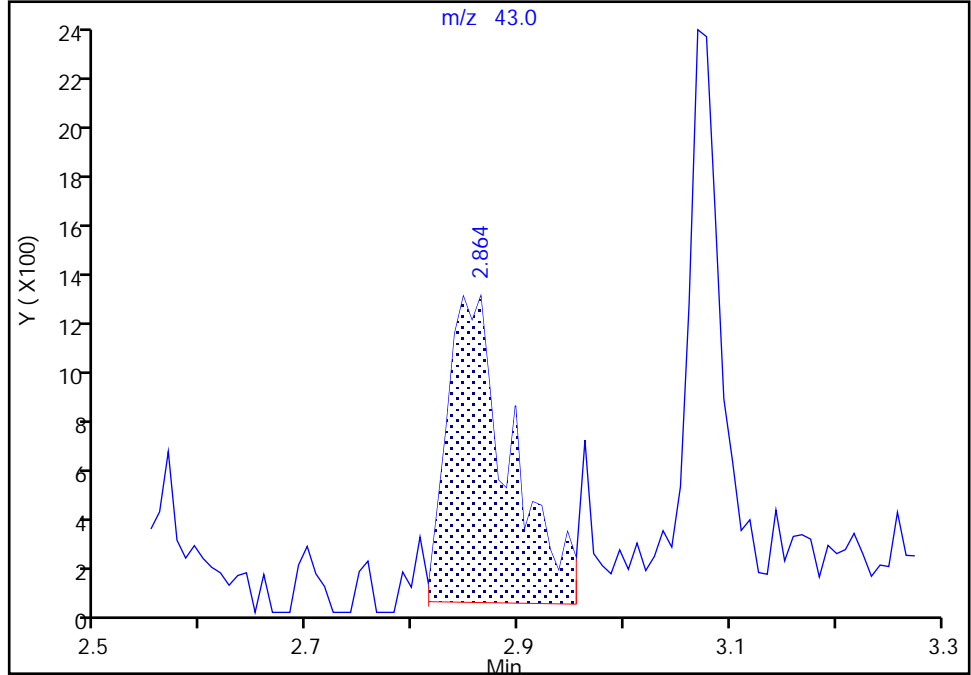
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Acetone, CAS: 67-64-1

Signal: 1

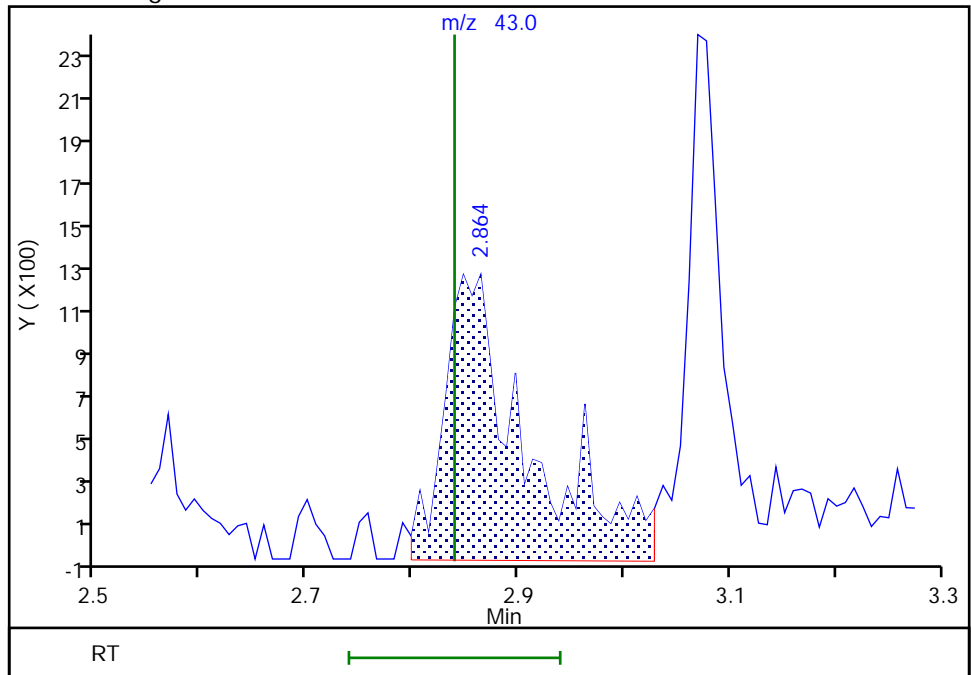
RT: 2.86
Area: 5090
Amount: 4.684324
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 6894
Amount: 6.011845
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 14:02:04
Audit Action: Manually Integrated

Audit Reason: Split Peak
Page 202 of 728

Eurofins TestAmerica, Edison

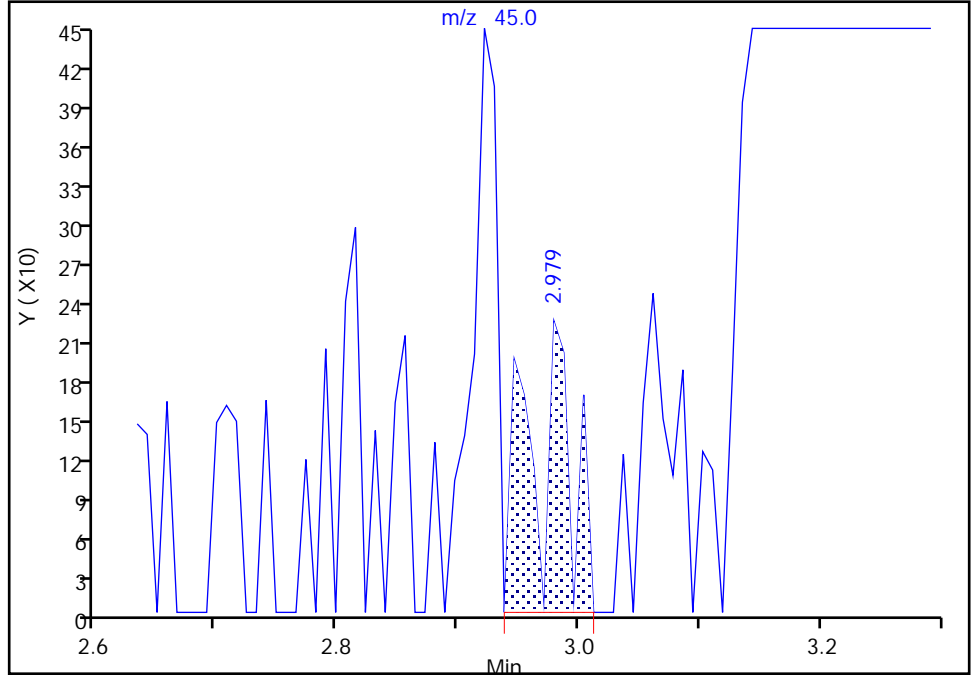
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

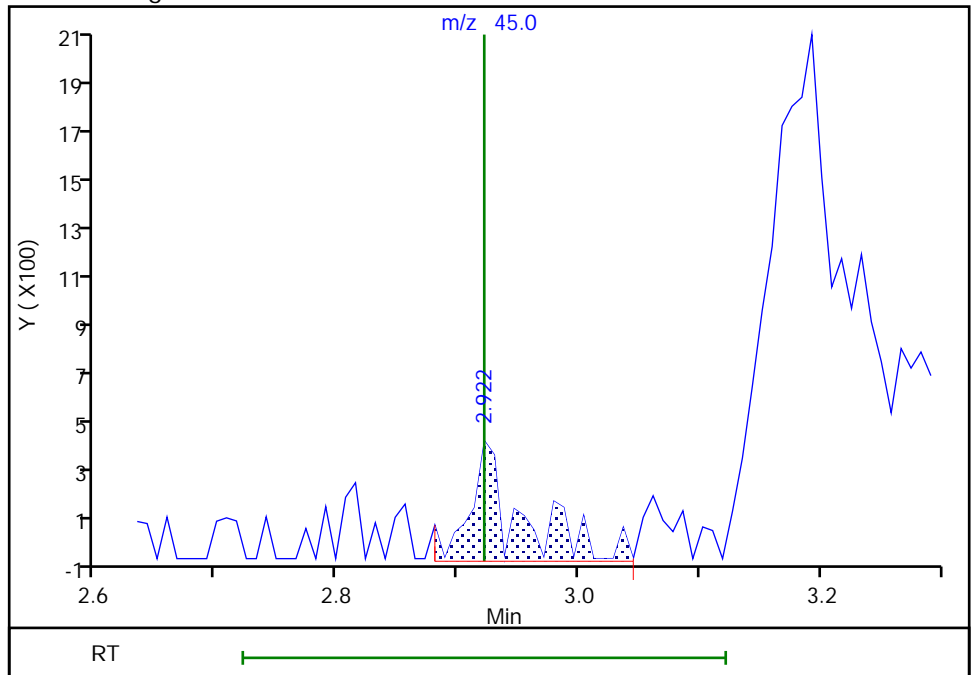
RT: 2.98
Area: 517
Amount: 10.038416
Amount Units: ug/l

Processing Integration Results



RT: 2.92
Area: 1376
Amount: 12.025261
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:13:38
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

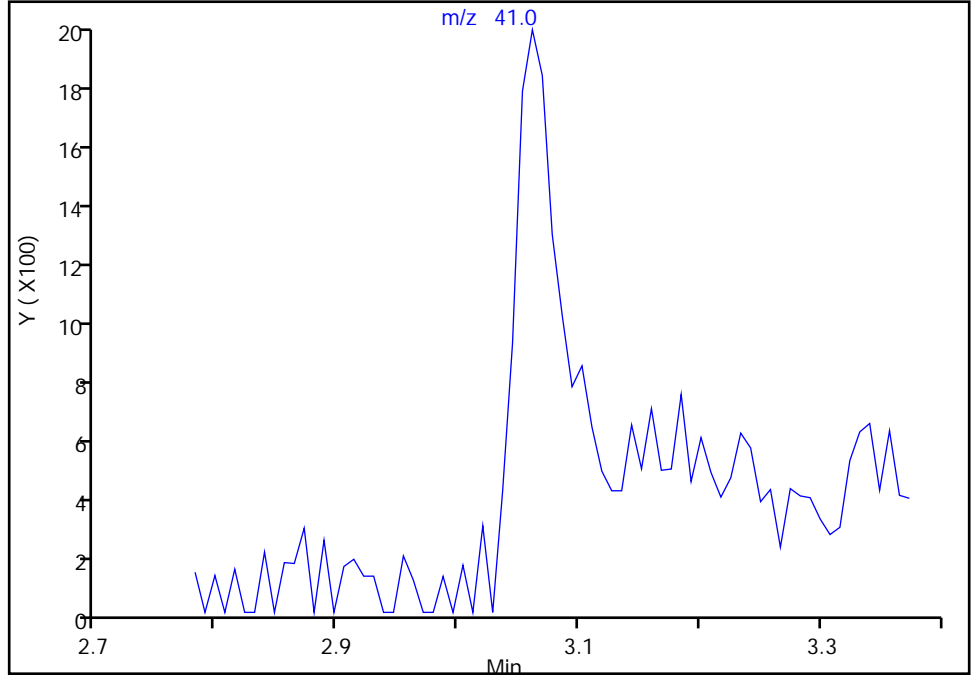
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

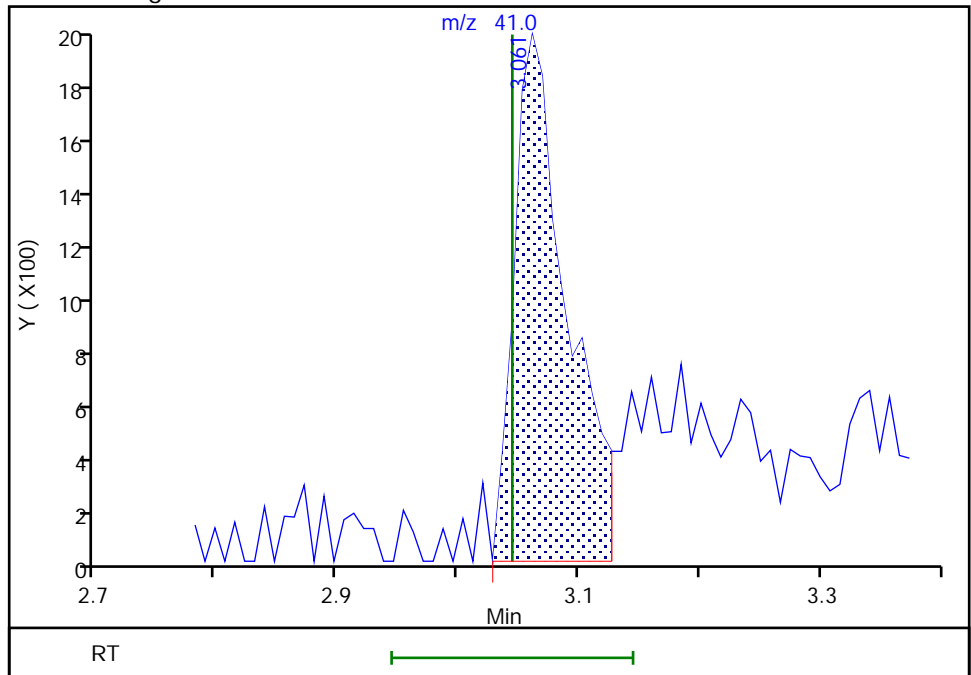
Not Detected
Expected RT: 3.04

Processing Integration Results



Manual Integration Results

RT: 3.06
Area: 5927
Amount: 1.246019
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:29:10
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

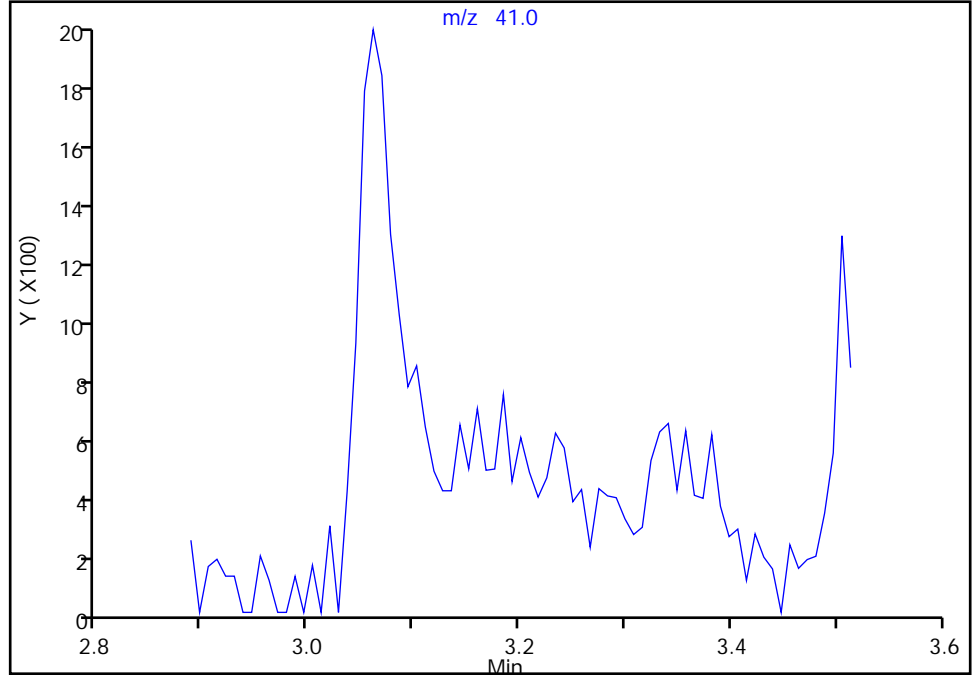
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

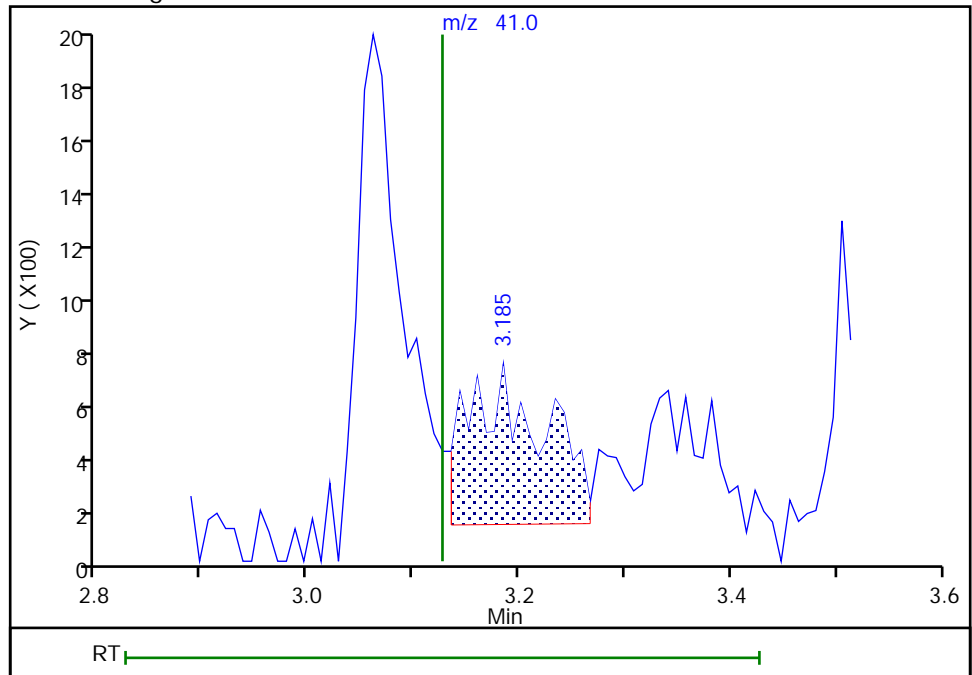
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.18
Area: 2945
Amount: 9.004584
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 13:42:22
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

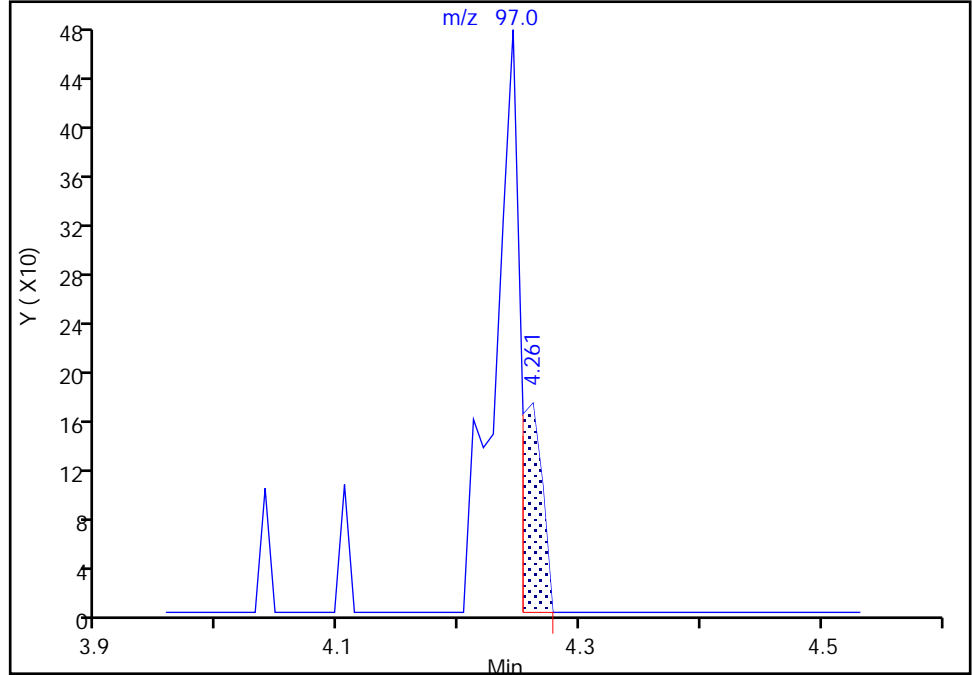
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

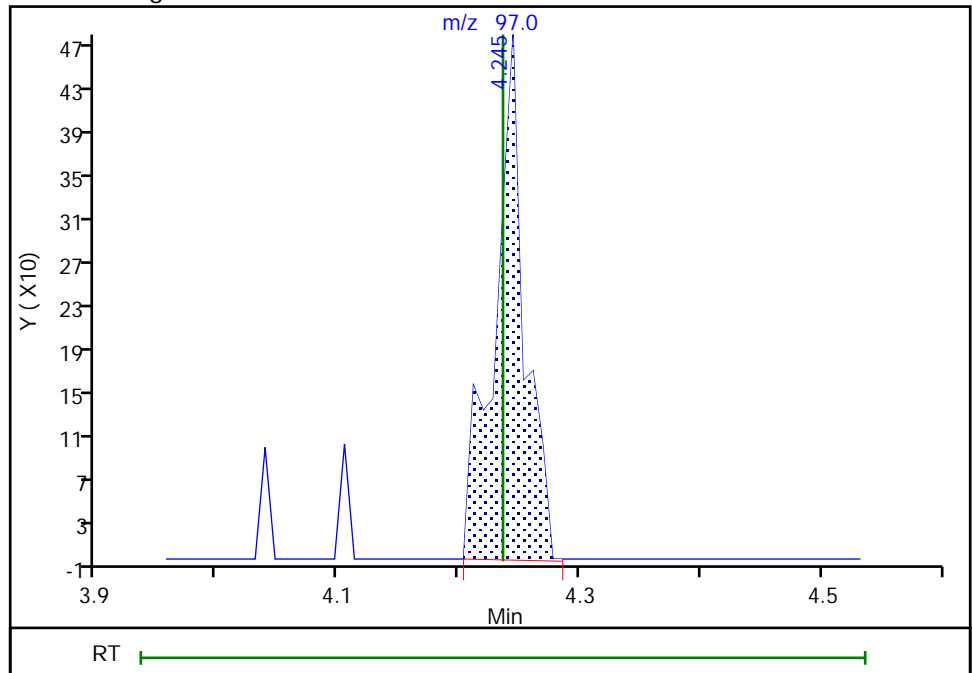
RT: 4.26
Area: 214
Amount: 0.198969
Amount Units: ug/l

Processing Integration Results



RT: 4.24
Area: 825
Amount: 0.995065
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:19:04
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

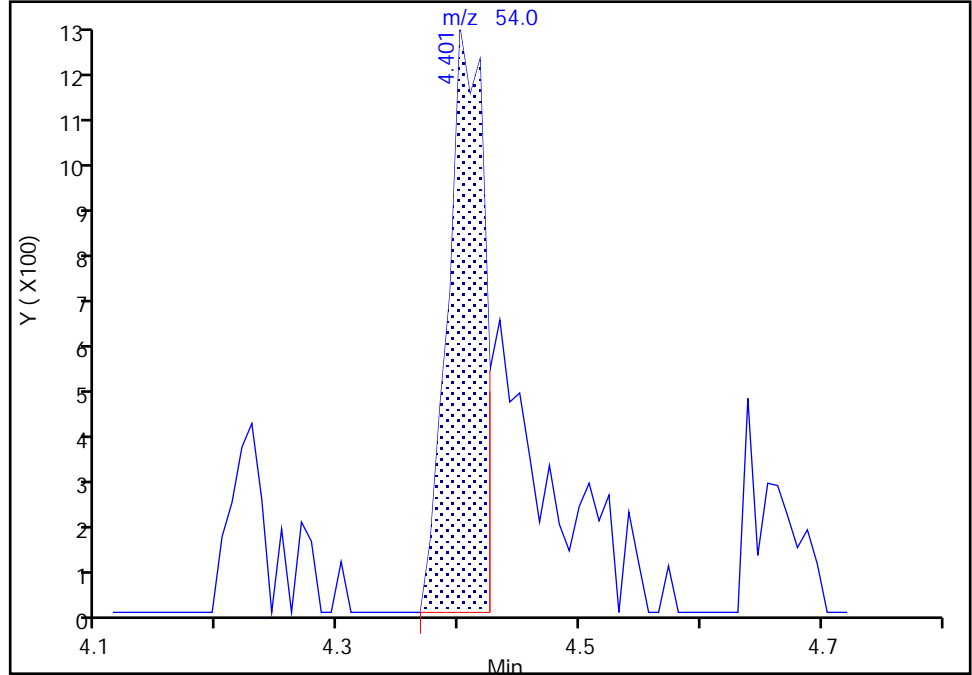
ALS Bottle#: 4 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Propionitrile, CAS: 107-12-0

Signal: 1

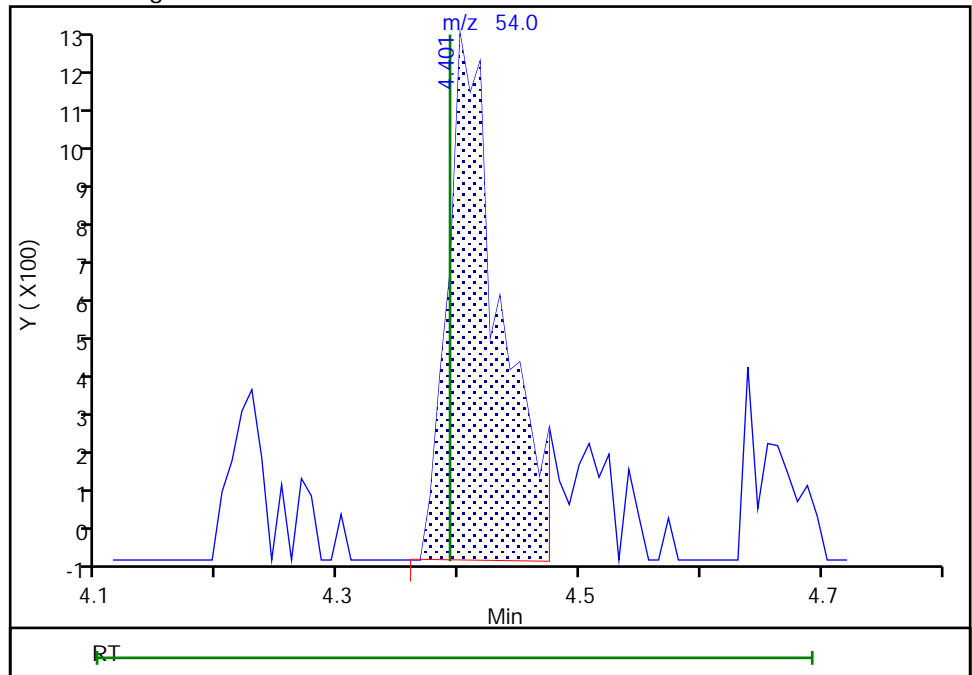
RT: 4.40
Area: 2697
Amount: 4.499892
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 3906
Amount: 7.379571
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:19:46
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

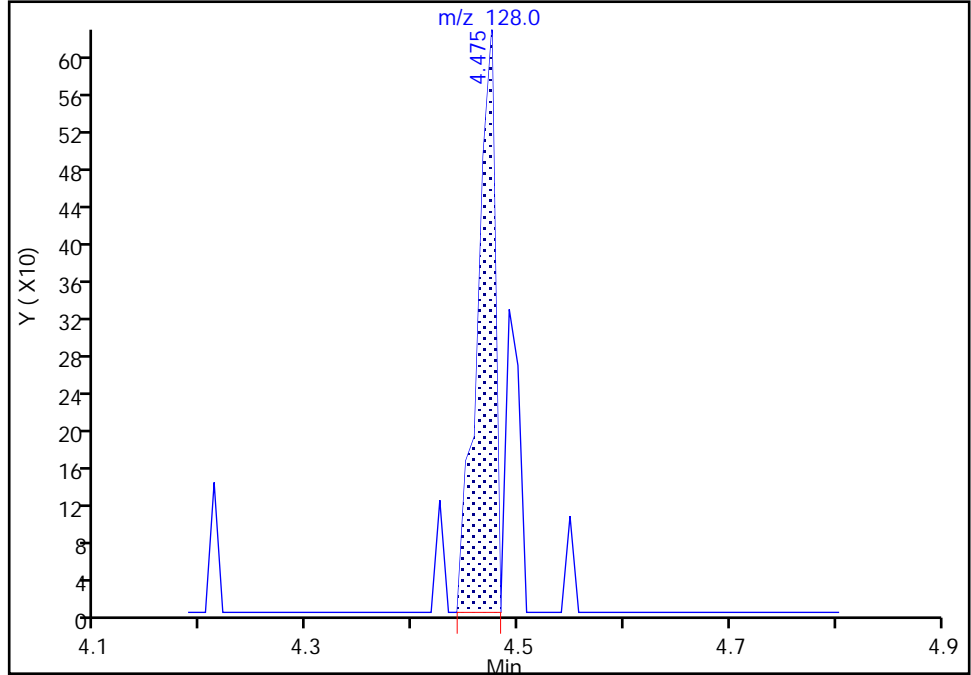
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

50 Chlorobromomethane, CAS: 74-97-5

Signal: 1

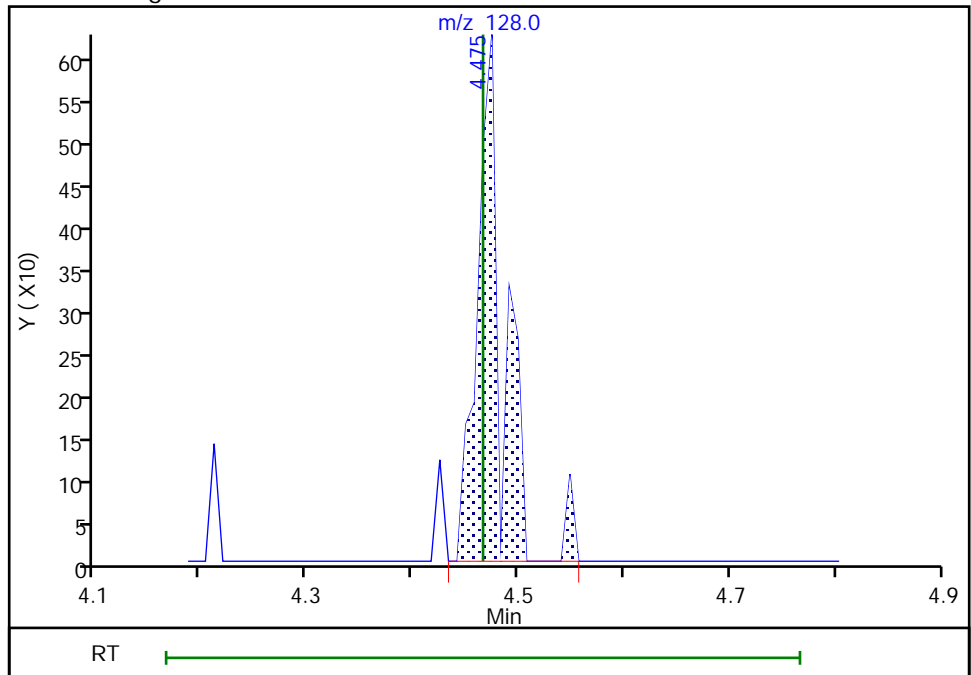
RT: 4.47
Area: 720
Amount: 0.364865
Amount Units: ug/l

Processing Integration Results



RT: 4.47
Area: 1061
Amount: 0.705524
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:20:25
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

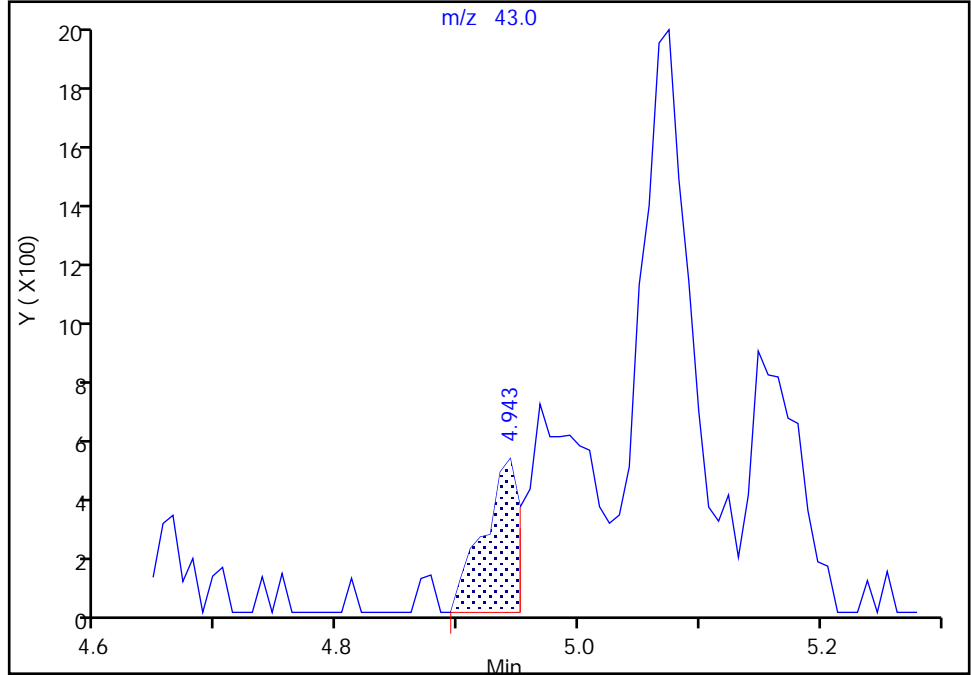
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

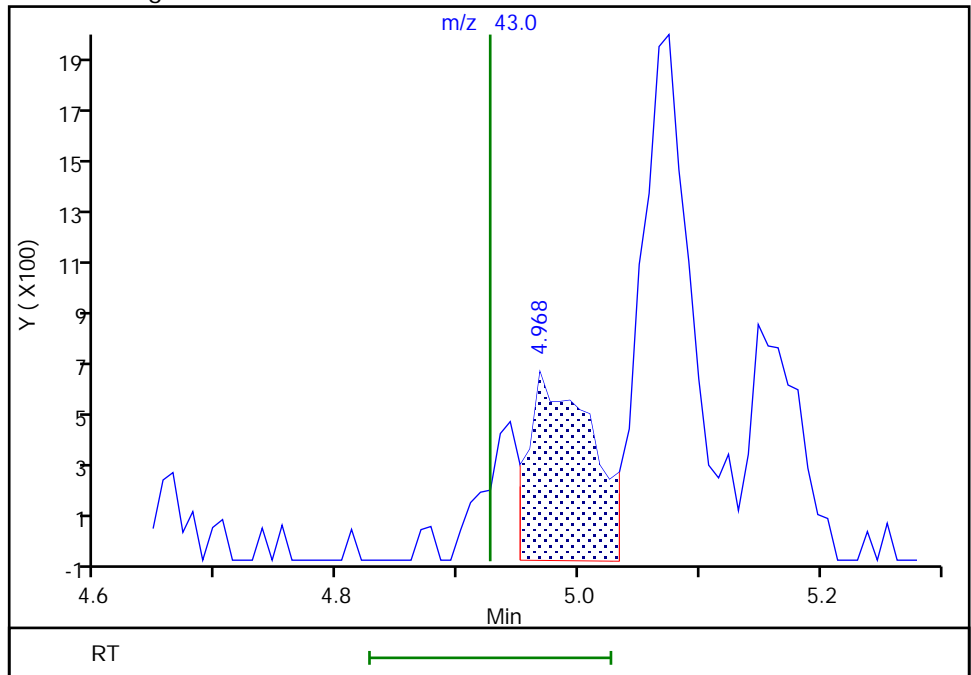
RT: 4.94
Area: 1089
Amount: 13.098301
Amount Units: ug/l

Processing Integration Results



RT: 4.97
Area: 2669
Amount: 30.088354
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:35:46
Audit Action: Manually Integrated

Audit Reason: Split Peak
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Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

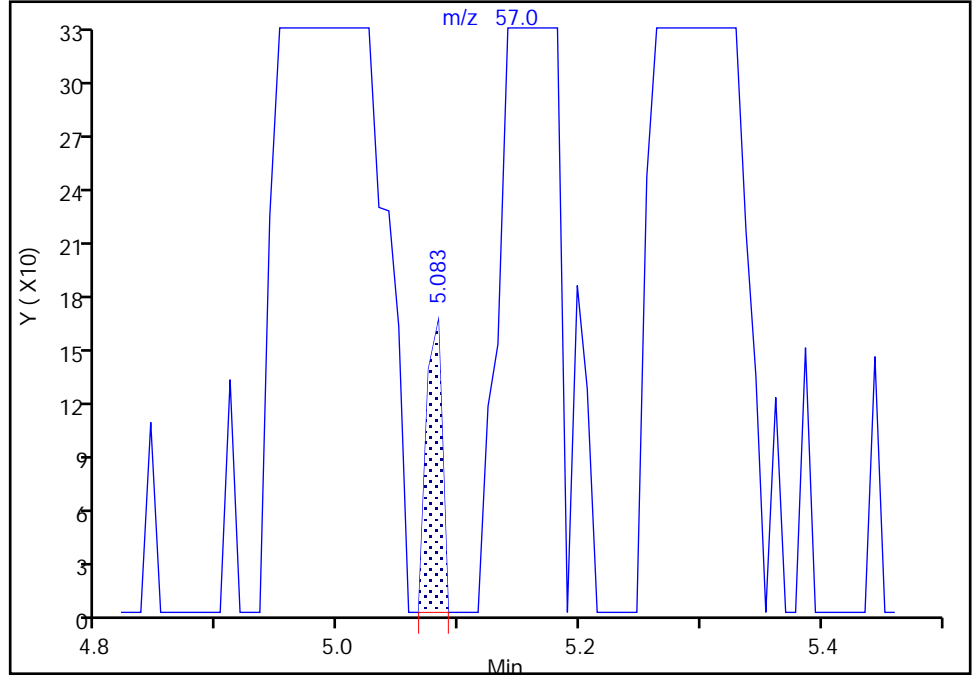
ALS Bottle#: 4 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

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

Signal: 1

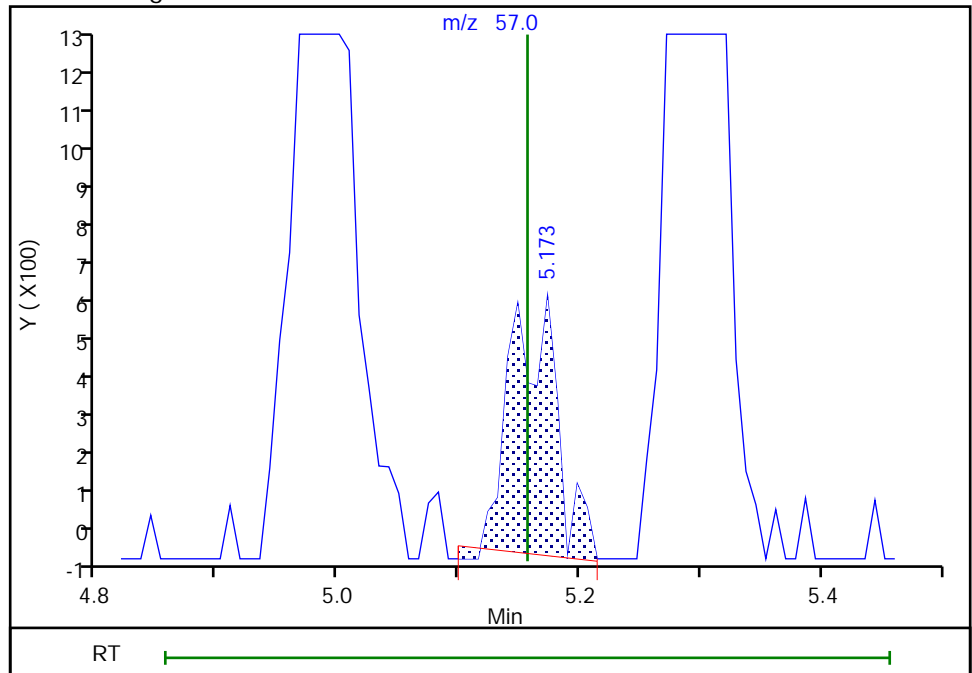
RT: 5.08
Area: 148
Amount: 0.074819
Amount Units: ug/l

Processing Integration Results



RT: 5.17
Area: 1674
Amount: 0.967966
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:30:07
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

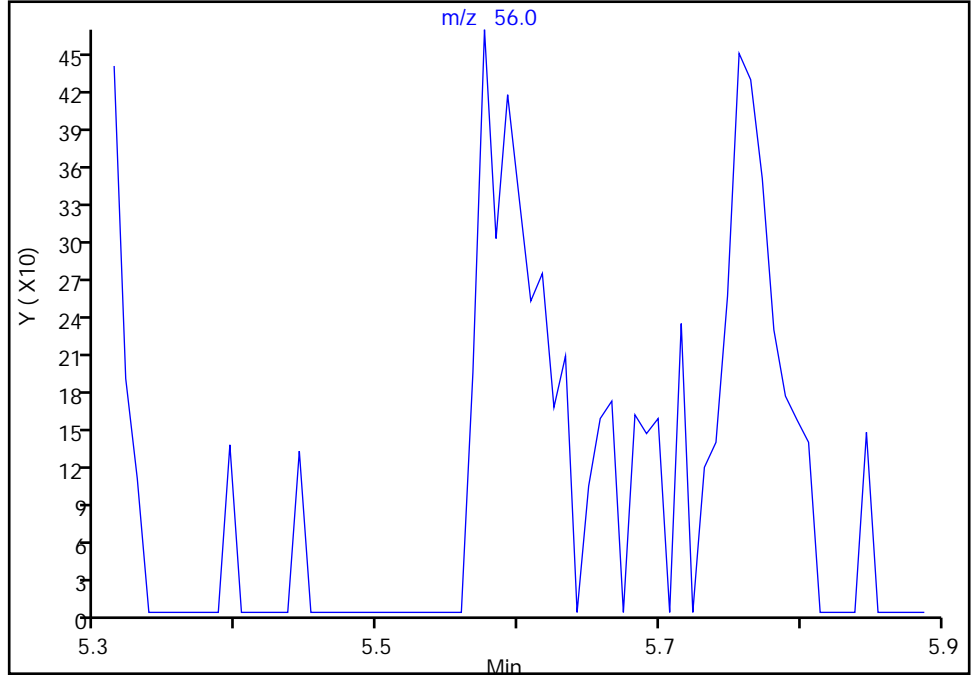
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

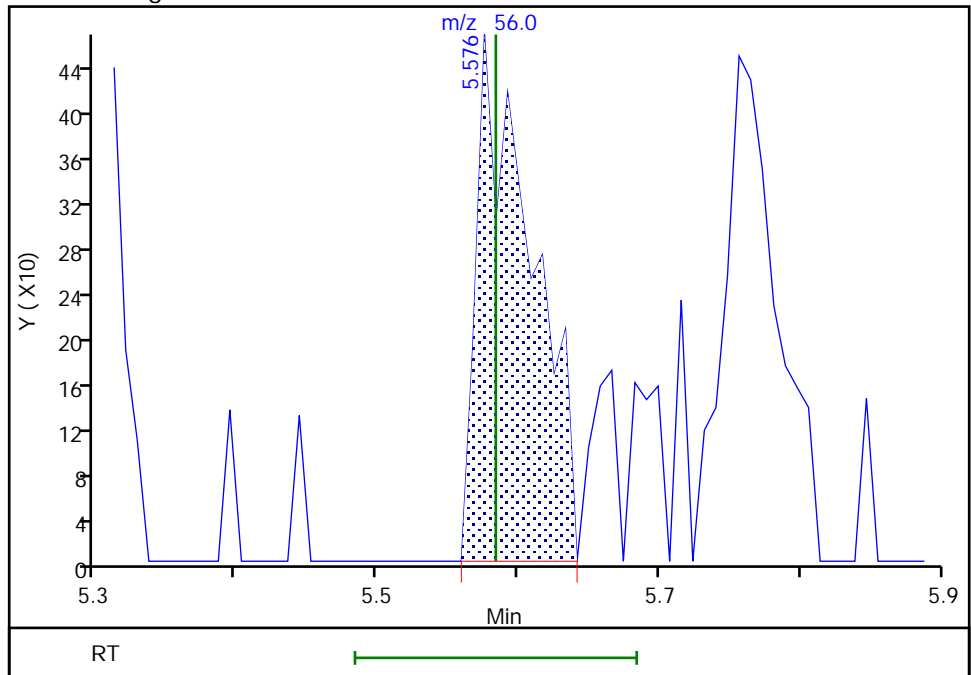
Not Detected
Expected RT: 5.58

Processing Integration Results



Manual Integration Results

RT: 5.58
Area: 1277
Amount: 17.158319
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:30:13
Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

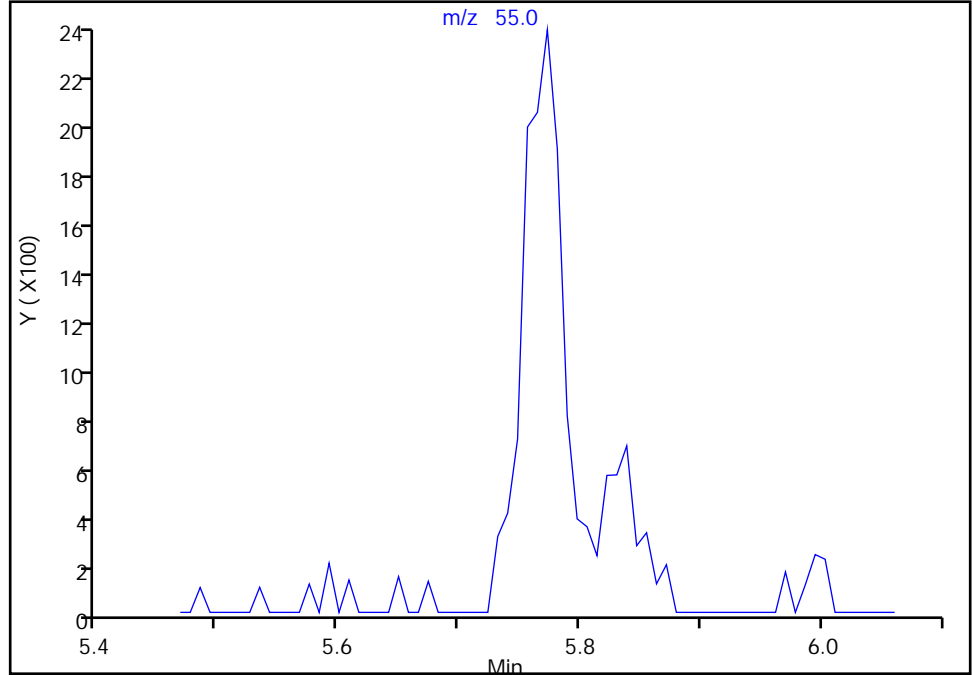
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

68 Ethyl acrylate, CAS: 140-88-5

Signal: 1

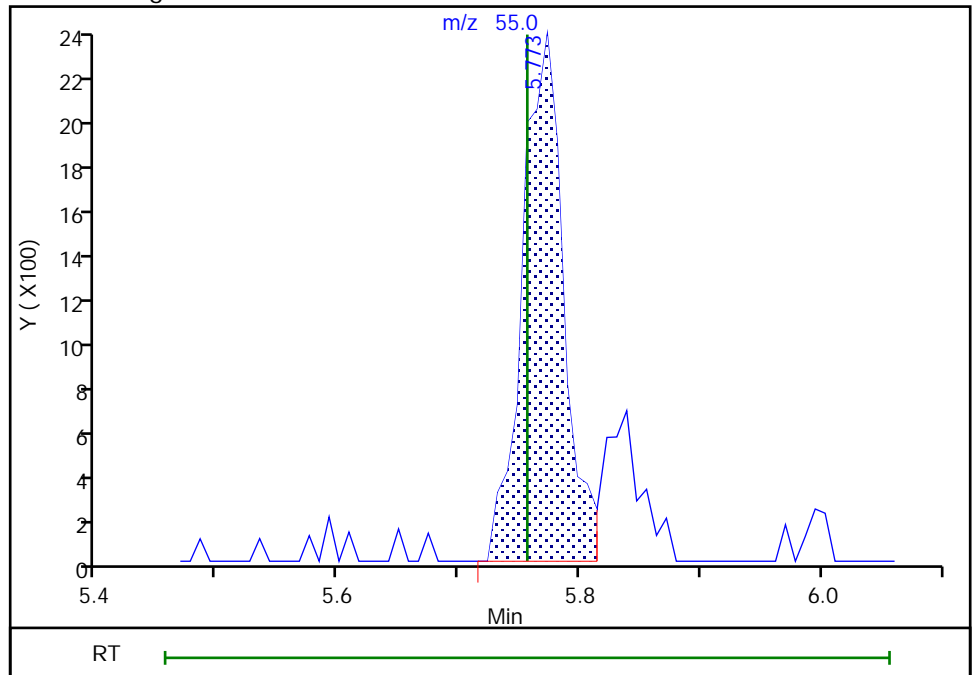
Not Detected
Expected RT: 5.76

Processing Integration Results



Manual Integration Results

RT: 5.77
Area: 5591
Amount: 0.899727
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:30:22
Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

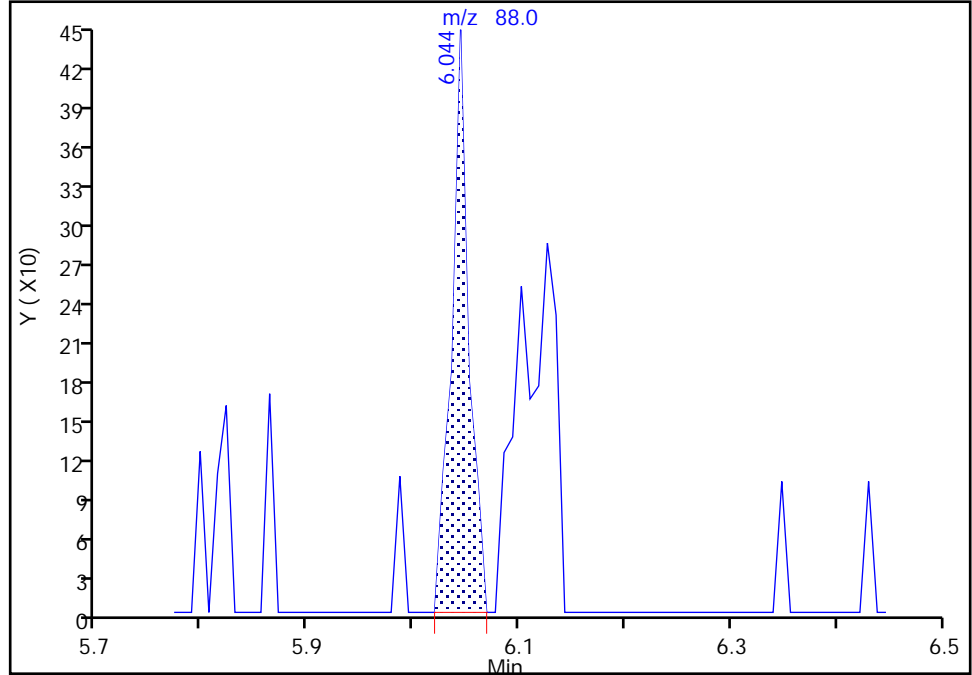
ALS Bottle#: 4 Worklist Smp#: 4
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

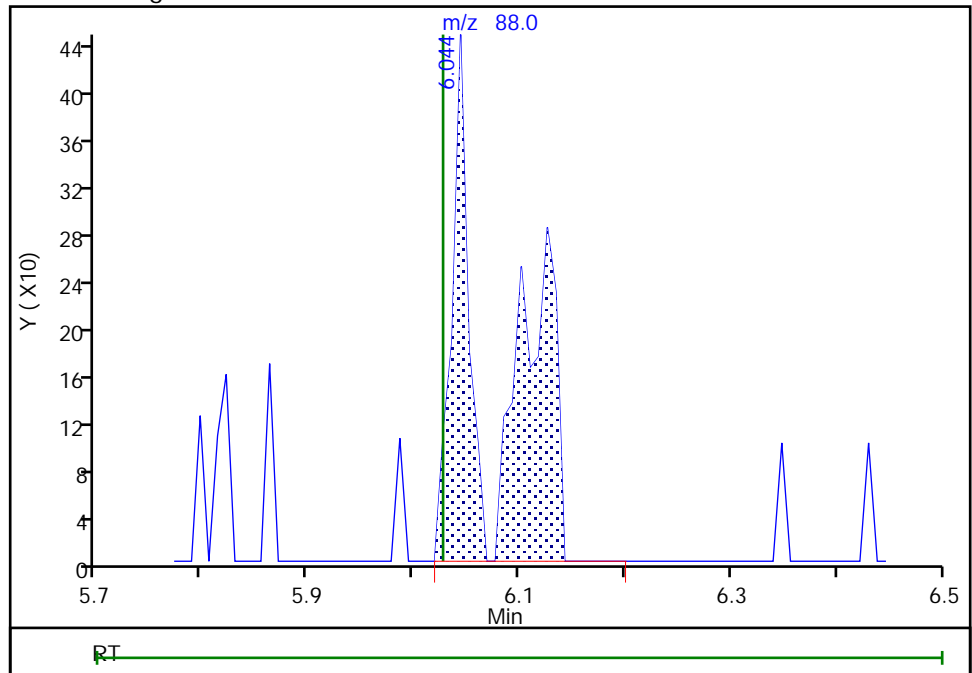
RT: 6.04
Area: 501
Amount: 18.594821
Amount Units: ug/l

Processing Integration Results



RT: 6.04
Area: 1166
Amount: 45.521353
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:22:41
Audit Action: Manually Integrated

Audit Reason: Split Peak

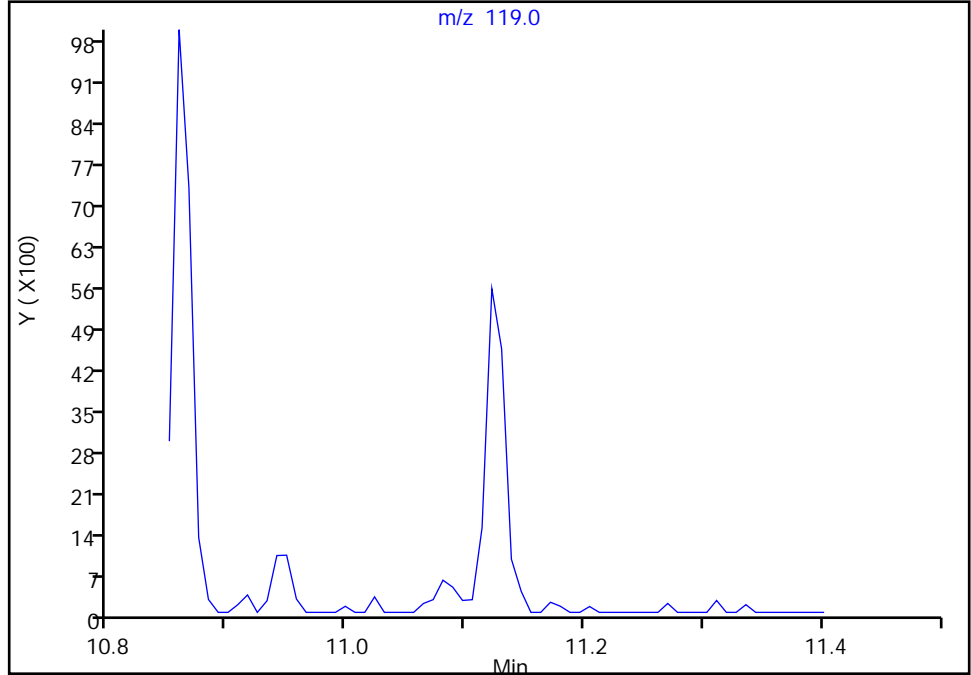
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99064.D
Injection Date: 25-Jul-2020 17:32:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 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

125 p-Diethylbenzene, CAS: 105-05-5
Signal: 1

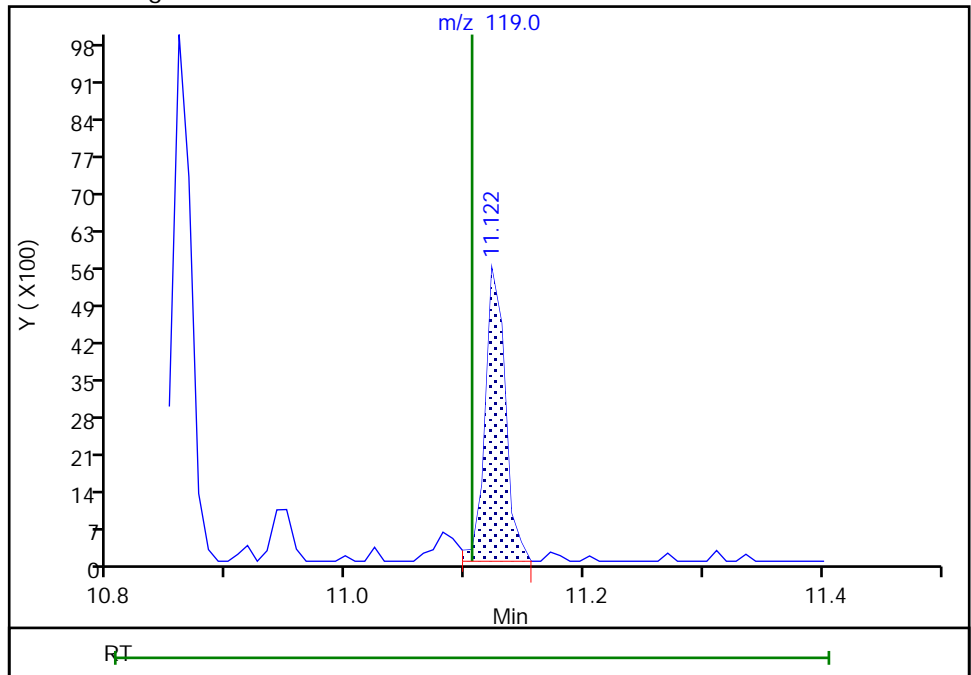
Not Detected
Expected RT: 11.11

Processing Integration Results



RT: 11.12
Area: 6498
Amount: 0.763860
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:30:53
Audit Action: Assigned Compound ID

Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99065.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 25-Jul-2020 23:40:30 ALS Bottle#: 5 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0113918-005
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:10:01 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:24:29

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	1.451	0.016	36	1506	5.00	5.52	M
3 Chlorotrifluoroethene	116	1.558	1.549	0.009	52	5655	5.00	3.66	
2 1,1-Difluoroethane	51	1.566	1.566	0.000	85	15254	5.00	5.16	
4 Dichlorodifluoromethane	85	1.591	1.582	0.009	82	22725	5.00	5.63	a
5 Chlorodifluoromethane	51	1.615	1.599	0.016	96	19264	5.00	5.61	
6 Chloromethane	50	1.771	1.755	0.016	98	24525	5.00	5.40	
7 Butadiene	54	1.845	1.837	0.008	95	20448	5.00	5.48	
8 Vinyl chloride	62	1.854	1.845	0.009	91	24503	5.00	5.44	
9 Bromomethane	94	2.116	2.116	0.000	98	17668	5.00	4.92	
10 Chloroethane	64	2.174	2.166	0.008	87	14291	5.00	4.84	
11 Dichlorofluoromethane	67	2.347	2.346	0.001	99	29666	5.00	5.25	
12 Trichlorofluoromethane	101	2.371	2.363	0.008	69	24248	5.00	5.24	
13 Pentane	72	2.379	2.363	0.016	96	4647	10.0	9.36	
15 Ethyl ether	59	2.552	2.544	0.008	87	10628	5.00	5.44	
14 Ethanol	46	2.544	2.544	0.000	68	1258	200.0	120.1	M
16 2-Methyl-1,3-butadiene	53	2.568	2.560	0.008	94	12078	5.00	5.49	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.609	2.609	0.000	80	13502	5.00	5.48	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.651	2.659	-0.008	42	21740	5.00	5.68	a
19 Acrolein	56	2.725	2.708	0.017	46	2136	20.0	15.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.741	2.733	0.008	92	15730	5.00	5.78	
21 1,1-Dichloroethene	96	2.766	2.765	0.001	98	15663	5.00	5.56	
22 Acetone	43	2.848	2.839	0.009	87	24341	25.0	32.1	
23 Iodomethane	142	2.914	2.913	0.001	96	27890	5.00	5.33	
24 Isopropyl alcohol	45	2.930	2.922	0.008	28	4236	50.0	47.3	
25 Carbon disulfide	76	2.955	2.963	-0.008	99	59700	5.00	5.43	
26 3-Chloro-1-propene	41	3.053	3.045	0.008	92	23962	5.00	5.06	a
27 Methyl acetate	43	3.070	3.061	0.009	79	21085	10.0	10.2	
28 Cyclopentene	67	3.078	3.069	0.009	92	34130	5.00	5.18	
29 Acetonitrile	41	3.127	3.127	0.000	34	15453	50.0	60.3	a
* 31 TBA-d9 (IS)	65	3.176	3.168	0.008	0	254389	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	3.185	3.176	0.009	63	17962	5.00	5.20	
32 2-Methyl-2-propanol	59	3.234	3.234	0.000	28	10421	50.0	46.4	a
33 Methyl tert-butyl ether	73	3.324	3.324	0.000	93	38543	5.00	5.52	
34 trans-1,2-Dichloroethene	96	3.357	3.349	0.008	94	16575	5.00	5.61	
35 Acrylonitrile	53	3.431	3.423	0.008	94	62962	50.0	45.7	
36 Hexane	43	3.505	3.505	0.000	88	11571	5.00	5.31	
37 Isopropyl ether	45	3.711	3.710	0.001	94	40121	5.00	5.29	
38 1,1-Dichloroethane	63	3.743	3.743	0.000	99	26596	5.00	5.58	
39 Vinyl acetate	86	3.752	3.751	0.001	96	4775	10.0	8.52	
40 2-Chloro-1,3-butadiene	88	3.785	3.784	0.001	90	13519	5.00	5.34	
41 Tert-butyl ethyl ether	59	4.023	4.014	0.009	91	37210	5.00	5.35	
* 42 2-Butanone-d5	46	4.204	4.212	-0.008	0	251255	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	51	3379	5.00	4.09	
44 cis-1,2-Dichloroethene	96	4.245	4.244	0.001	94	14856	5.00	4.70	
45 Ethyl acetate	70	4.269	4.269	0.000	92	3644	10.0	12.6	
46 2-Butanone (MEK)	72	4.269	4.269	0.000	97	9540	25.0	29.7	
47 Methyl acrylate	55	4.327	4.318	0.009	49	11052	5.00	5.26	
48 Propionitrile	54	4.393	4.392	0.001	98	21329	50.0	51.4	
49 Tetrahydrofuran	72	4.467	4.466	0.001	60	4334	10.0	11.3	
50 Chlorobromomethane	128	4.467	4.466	0.001	85	8514	5.00	5.69	
51 Methacrylonitrile	67	4.499	4.491	0.008	92	52521	50.0	42.1	
52 Chloroform	83	4.516	4.516	0.000	97	21275	5.00	4.48	
53 Cyclohexane	84	4.656	4.655	0.001	89	20941	5.00	4.68	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.672	0.000	96	121650	50.0	46.8	
54 1,1,1-Trichloroethane	97	4.664	4.672	-0.008	77	20856	5.00	4.97	
56 Carbon tetrachloride	117	4.779	4.787	-0.008	80	18013	5.00	5.20	
57 1,1-Dichloropropene	75	4.812	4.811	0.001	97	19135	5.00	5.45	
58 Isobutyl alcohol	43	4.951	4.926	0.025	60	8280	125.0	119.2	
59 Benzene	78	5.009	5.009	0.000	96	53362	5.00	6.04	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.017	0.000	0	145725	50.0	48.0	
61 Isopropyl acetate	43	5.066	5.058	0.008	90	34541	5.00	5.09	
62 Tert-amyl methyl ether	73	5.066	5.066	0.000	84	38606	5.00	5.23	
63 1,2-Dichloroethane	62	5.091	5.091	0.000	97	18786	5.00	5.53	
64 n-Heptane	57	5.157	5.157	0.000	89	9253	5.00	5.37	
* 65 Fluorobenzene	96	5.288	5.288	0.000	99	497450	50.0	50.0	
66 n-Butanol	56	5.576	5.584	-0.008	64	4704	125.0	80.7	
67 Trichloroethene	95	5.633	5.633	0.000	98	13377	5.00	5.01	
68 Ethyl acrylate	55	5.757	5.756	0.001	94	28073	5.00	4.54	
69 Methylcyclohexane	83	5.765	5.765	0.000	83	20546	5.00	4.41	
70 1,2-Dichloropropane	63	5.929	5.921	0.008	89	13099	5.00	4.94	
* 71 1,4-Dioxane-d8	96	5.978	5.970	0.008	0	21115	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	5.995	0.008	86	7144	10.0	9.19	
73 1,4-Dioxane	88	6.044	6.028	0.016	25	2139	100.0	112.3	M
75 Dibromomethane	93	6.044	6.044	0.000	82	8972	5.00	4.96	
74 n-Propyl acetate	43	6.061	6.052	0.009	97	15878	5.00	4.64	
76 Dichlorobromomethane	83	6.200	6.200	0.000	97	17418	5.00	4.83	
77 2-Nitropropane	41	6.537	6.529	0.008	87	7449	10.0	10.3	
78 2-Chloroethyl vinyl ether	63	6.529	6.537	-0.008	72	6586	5.01	3.27	
79 Epichlorohydrin	57	6.636	6.636	0.000	99	24298	100.0	97.0	
80 cis-1,3-Dichloropropene	75	6.693	6.693	0.000	92	20107	5.00	5.48	
81 4-Methyl-2-pentanone (MIBK)	43	6.858	6.857	0.001	95	62183	25.0	27.6	
\$ 82 Toluene-d8 (Surr)	98	6.940	6.940	0.000	99	490530	50.0	55.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.014	7.014	0.000	94	57704	5.00	5.61	
84 trans-1,3-Dichloropropene	75	7.359	7.359	0.000	98	17313	5.00	5.60	
85 Ethyl methacrylate	69	7.392	7.392	0.000	88	15461	5.00	5.36	
86 1,1,2-Trichloroethane	83	7.573	7.572	0.000	97	10311	5.00	5.98	
87 Tetrachloroethene	166	7.622	7.622	0.000	96	13854	5.00	6.13	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	91	16428	5.00	4.76	
89 2-Hexanone	43	7.852	7.852	0.000	97	35161	25.0	25.6	
90 n-Butyl acetate	43	7.967	7.967	0.000	96	16140	5.00	5.20	
91 Chlorodibromomethane	129	8.016	8.008	0.008	96	11144	5.00	4.97	
92 Ethylene Dibromide	107	8.172	8.172	0.000	99	10291	5.00	5.07	
* 93 Chlorobenzene-d5	117	8.715	8.714	0.001	85	322233	50.0	50.0	
94 Chlorobenzene	112	8.748	8.756	-0.008	96	33447	5.00	5.23	
95 Ethylbenzene	106	8.863	8.862	0.001	98	18428	5.00	5.20	
96 1,1,1,2-Tetrachloroethane	131	8.871	8.871	0.000	91	12426	5.00	5.34	
97 m-Xylene & p-Xylene	106	9.019	9.018	0.001	0	20683	5.00	4.90	
98 n-Butyl acrylate	73	9.471	9.470	0.001	97	8262	5.00	4.48	
99 o-Xylene	106	9.479	9.479	0.000	95	22626	5.00	4.97	
100 Styrene	104	9.503	9.512	-0.009	96	33863	5.00	4.85	
101 Amyl acetate (mixed isomers)	43	9.701	9.700	0.001	91	19898	5.00	4.54	
102 Bromoform	173	9.709	9.709	0.000	93	8233	5.00	5.32	
103 Isopropylbenzene	105	9.832	9.832	0.000	96	54650	5.00	4.94	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	92	134908	50.0	53.1	
105 Bromobenzene	156	10.128	10.128	0.000	94	14870	5.00	5.19	
106 1,1,2,2-Tetrachloroethane	83	10.169	10.169	0.000	97	14849	5.00	4.94	
107 N-Propylbenzene	91	10.194	10.194	0.000	99	68720	5.00	4.82	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	97	5479	5.00	5.72	
109 trans-1,4-Dichloro-2-butene	53	10.227	10.226	0.001	65	4336	5.00	5.71	
110 2-Chlorotoluene	91	10.284	10.284	0.000	97	49316	5.00	4.90	
111 4-Ethyltoluene	105	10.292	10.292	0.000	98	58504	5.00	4.82	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	93	46599	5.00	4.41	
113 4-Chlorotoluene	91	10.383	10.382	0.001	97	43596	5.00	4.98	
114 Butyl Methacrylate	87	10.432	10.432	0.000	91	14426	5.00	3.71	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	37544	5.00	4.21	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	50012	5.00	4.53	
117 sec-Butylbenzene	105	10.744	10.752	-0.008	99	61015	5.00	4.59	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	97	53402	5.00	4.47	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	74	31689	5.00	4.97	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	95	201169	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.917	10.917	0.000	92	31885	5.00	5.16	
122 1,2,3-Trimethylbenzene	105	10.933	10.933	0.000	98	56828	5.00	4.88	
123 Benzyl chloride	91	11.024	11.023	0.001	98	26065	5.00	4.65	
124 2,3-Dihydroindene	117	11.065	11.065	0.001	94	56167	5.00	4.73	
125 p-Diethylbenzene	119	11.106	11.106	0.000	91	32007	5.00	4.80	
126 n-Butylbenzene	92	11.122	11.122	0.000	99	34299	5.00	5.13	
127 1,2-Dichlorobenzene	146	11.172	11.171	0.001	95	33482	5.00	5.09	
128 1,2,4,5-Tetramethylbenzene	119	11.591	11.590	0.001	97	56530	5.00	4.92	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.664	-0.008	94	4338	5.00	5.77	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.001	97	26717	5.00	5.30	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	94	24126	5.00	5.03	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	94	10515	5.00	5.54	
133 Naphthalene	128	12.305	12.305	0.000	99	60210	5.00	4.84	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	24088	5.00	5.35	

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	10.3	
S 136 Xylenes, Total	100				0		10.0	9.88	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00378	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00109	Amount Added: 4.00	Units: uL	
524freon_00025	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\20200725-113918.b\F99065.D

Injection Date: 25-Jul-2020 23:40:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

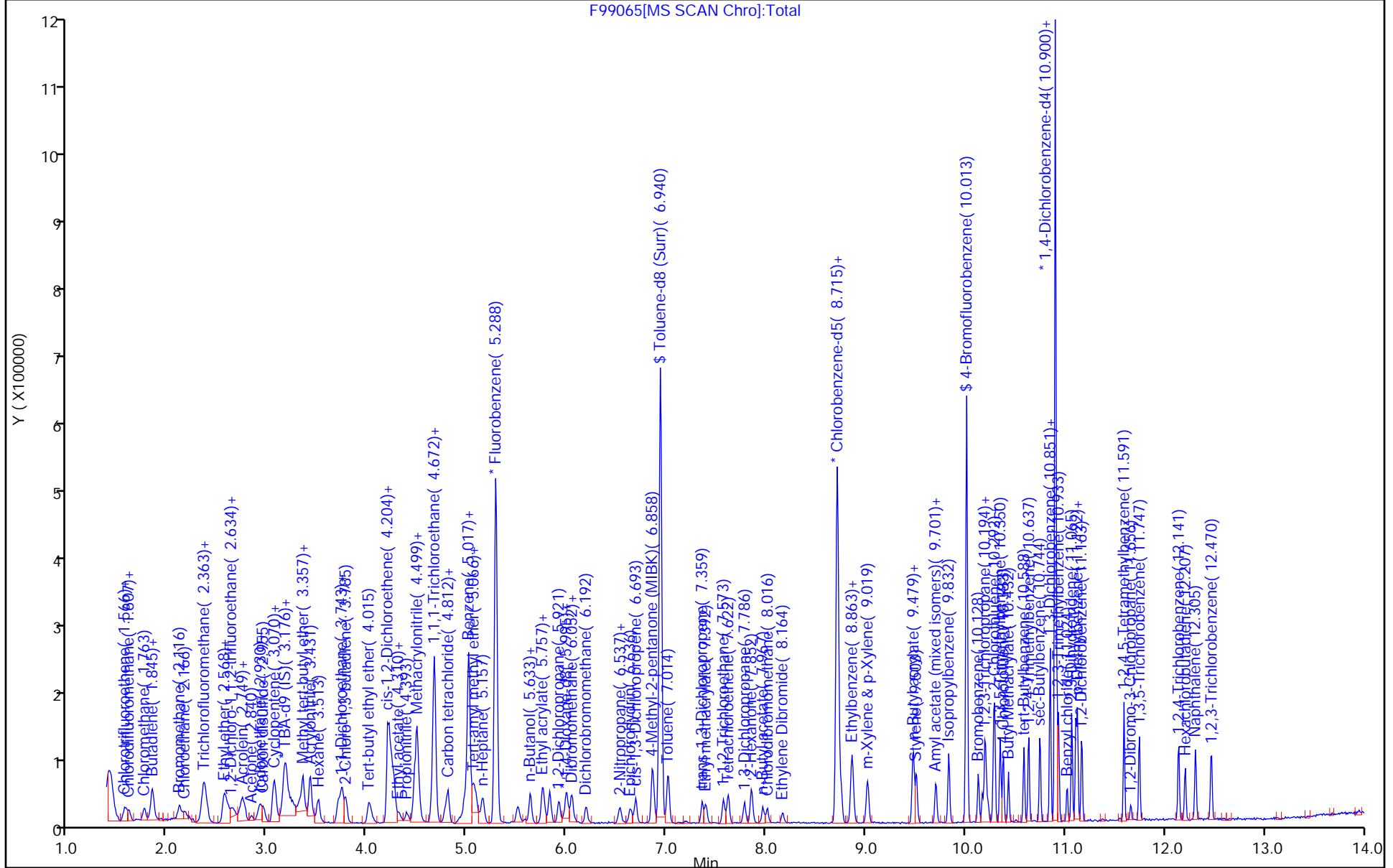
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

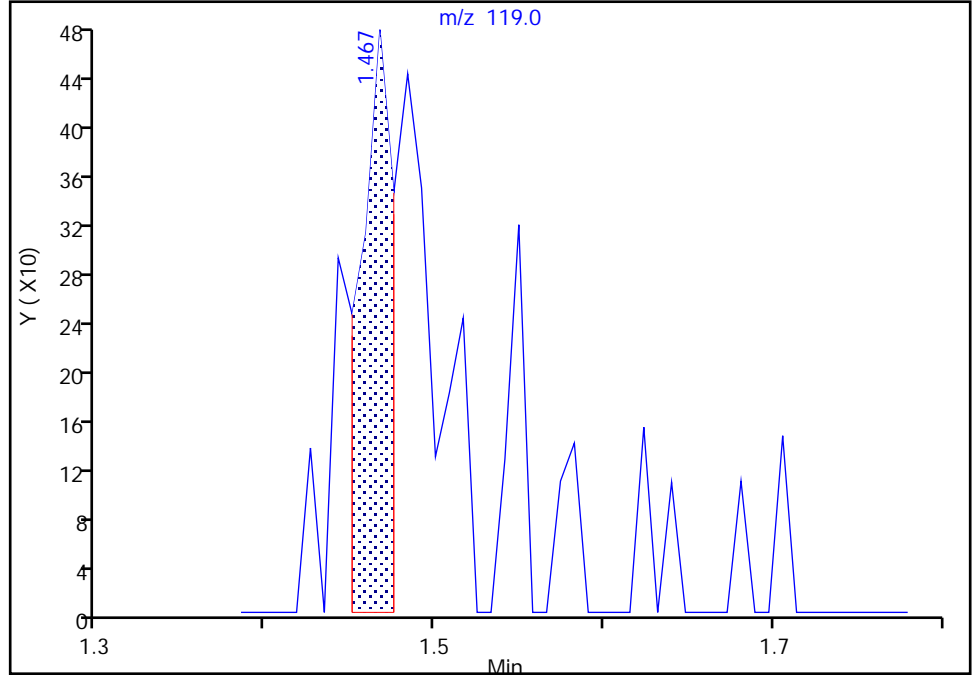
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

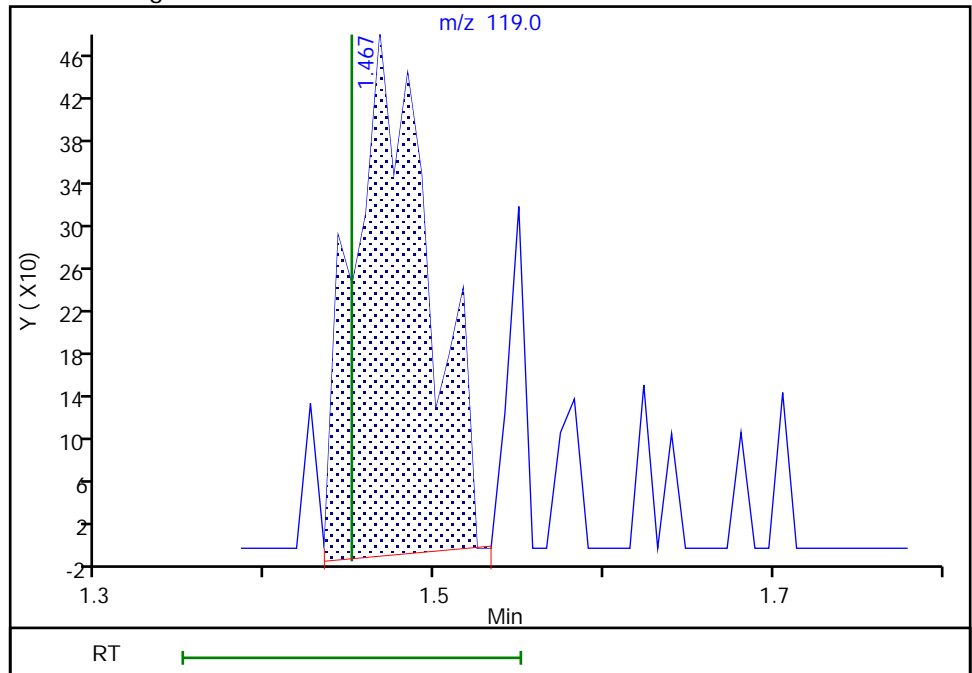
RT: 1.47
Area: 675
Amount: 1.996365
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 1506
Amount: 5.522057
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:44:57
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

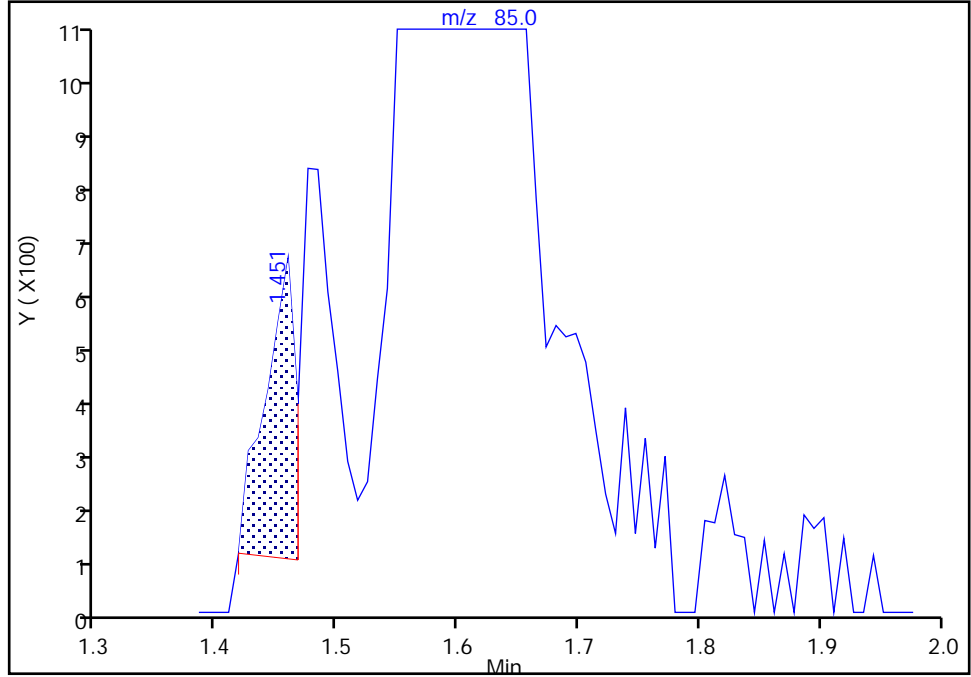
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

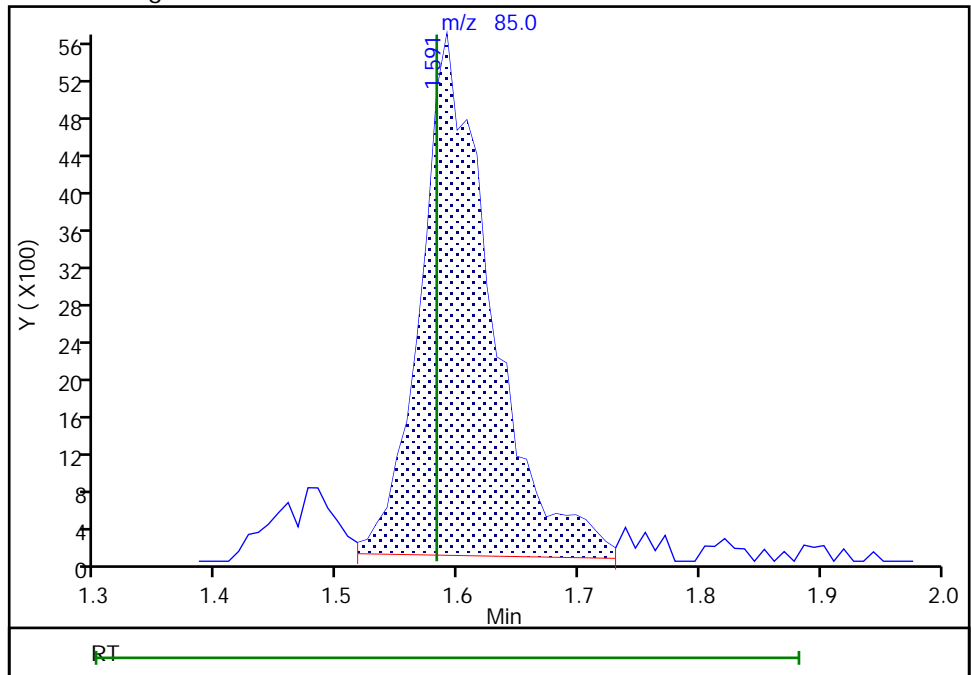
RT: 1.45
Area: 947
Amount: 0.286101
Amount Units: ug/l

Processing Integration Results



RT: 1.59
Area: 22725
Amount: 5.630645
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:32:02
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

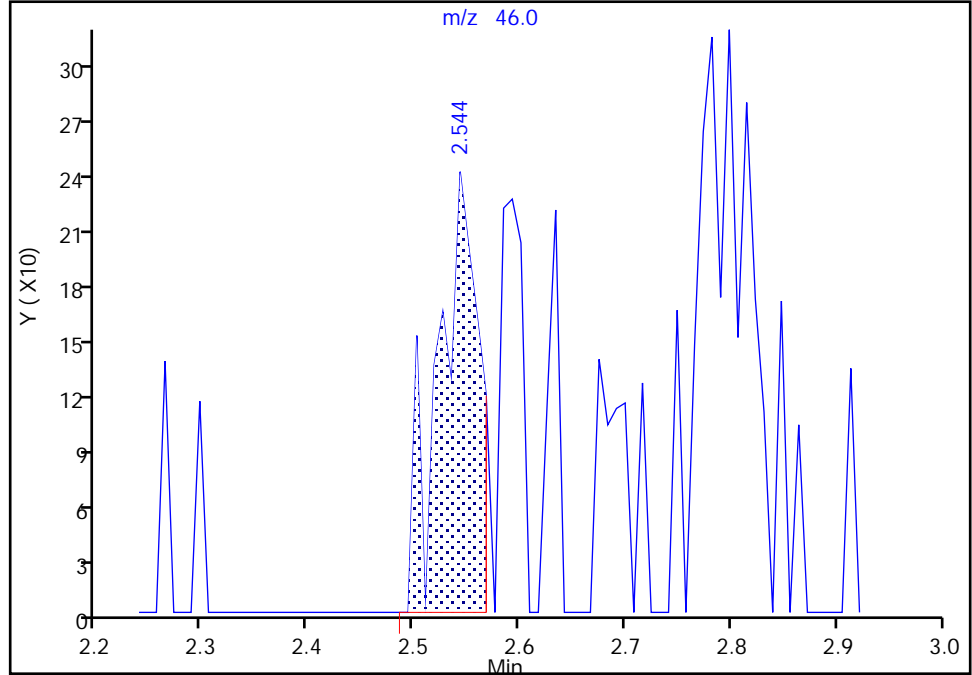
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 Ethanol, CAS: 64-17-5

Signal: 1

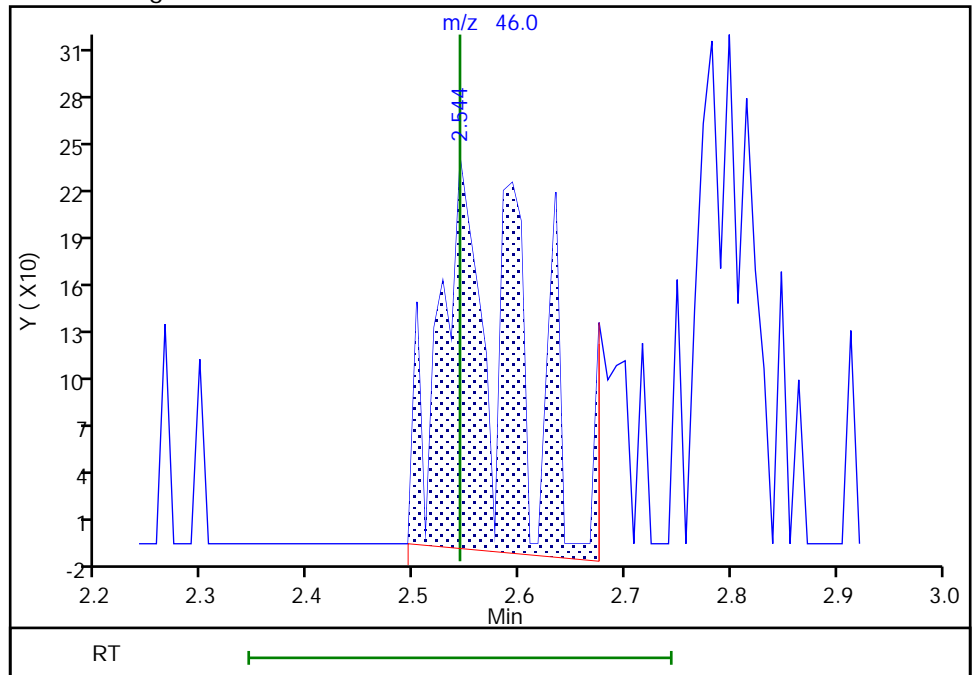
RT: 2.54
Area: 641
Amount: 61.196321
Amount Units: ug/l

Processing Integration Results



RT: 2.54
Area: 1258
Amount: 120.1341
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:49:42
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

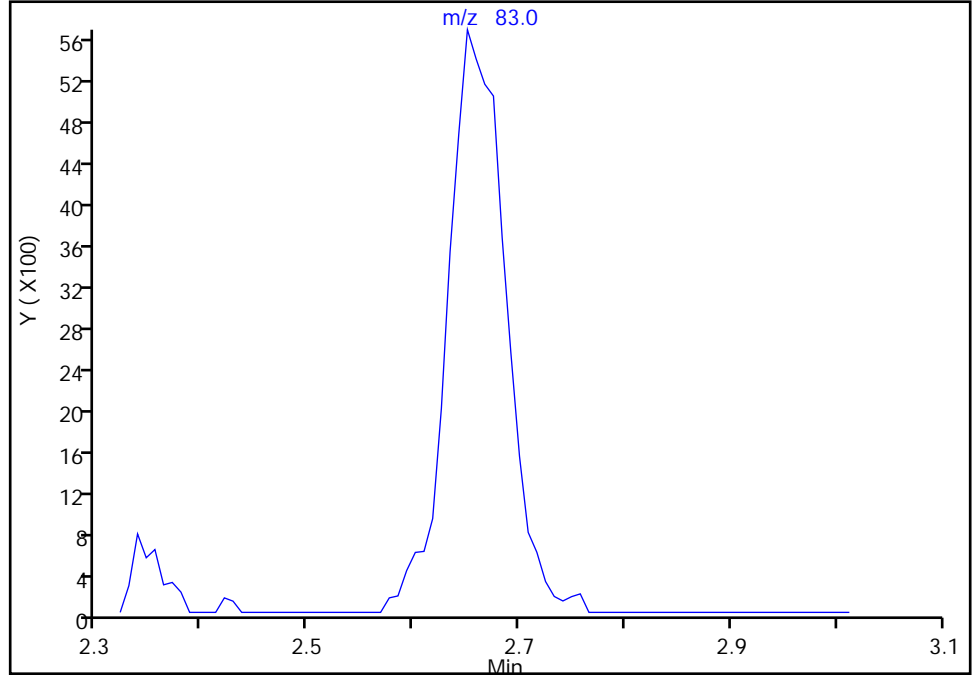
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

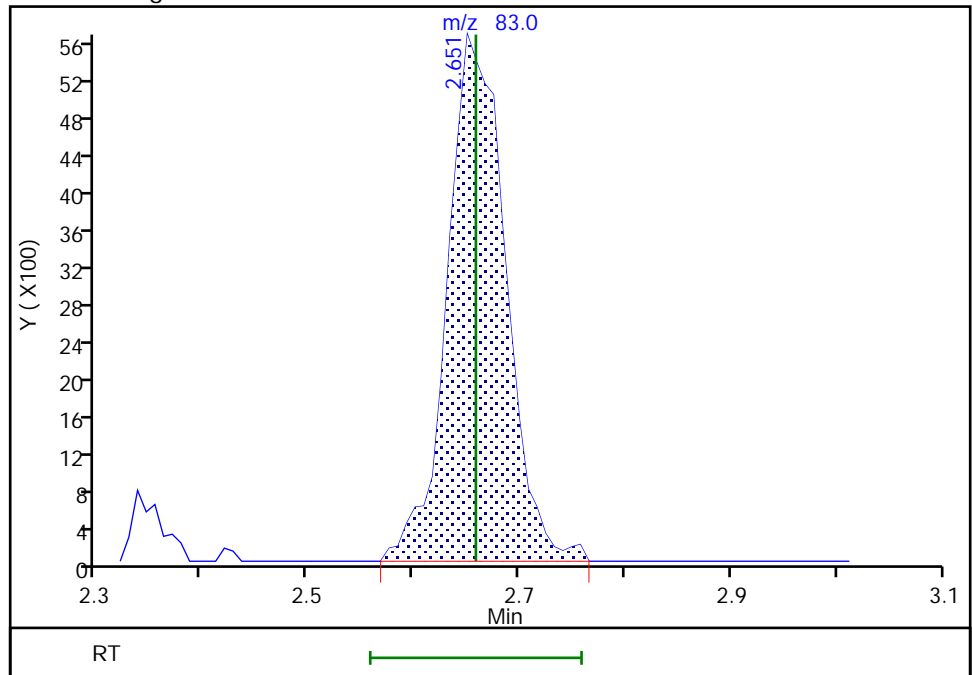
Not Detected
Expected RT: 2.66

Processing Integration Results



Manual Integration Results

RT: 2.65
Area: 21740
Amount: 5.678369
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:23:18
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

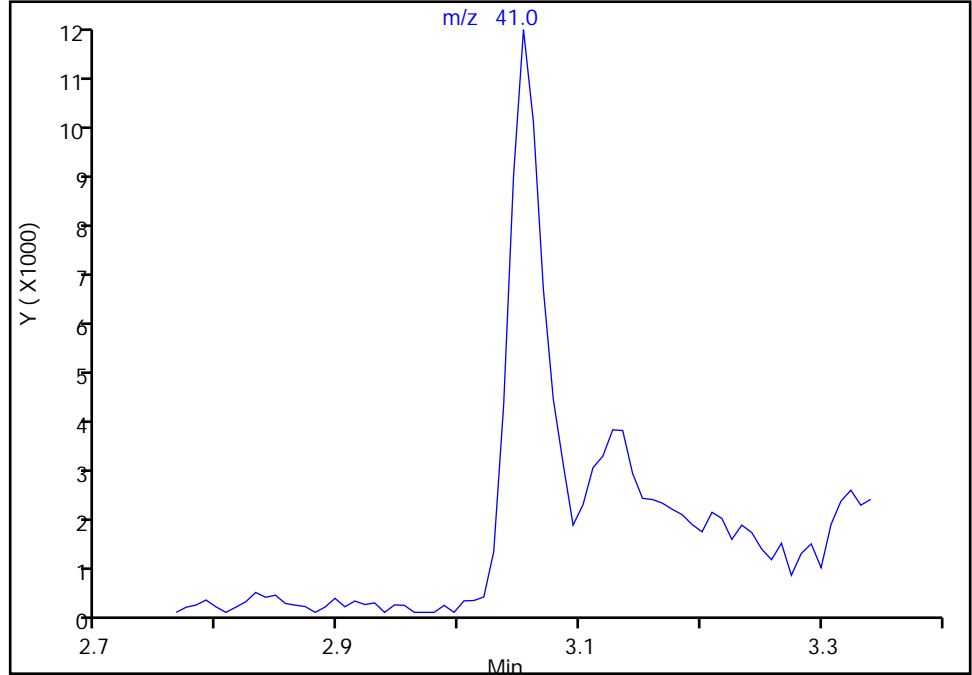
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

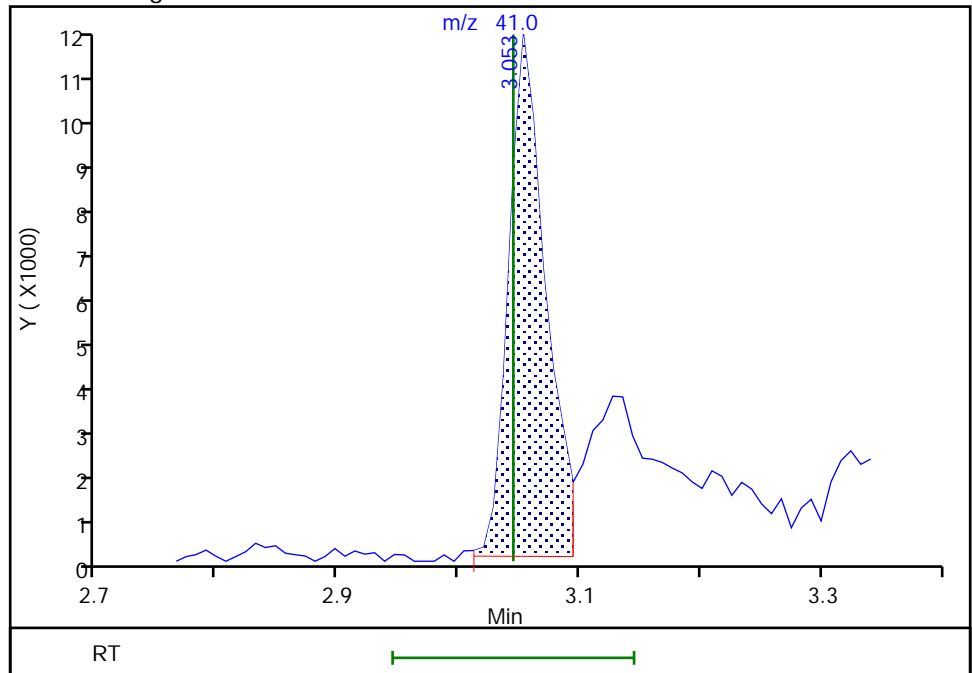
Not Detected
Expected RT: 3.04

Processing Integration Results



Manual Integration Results

RT: 3.05
Area: 23962
Amount: 5.060125
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:23:11
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

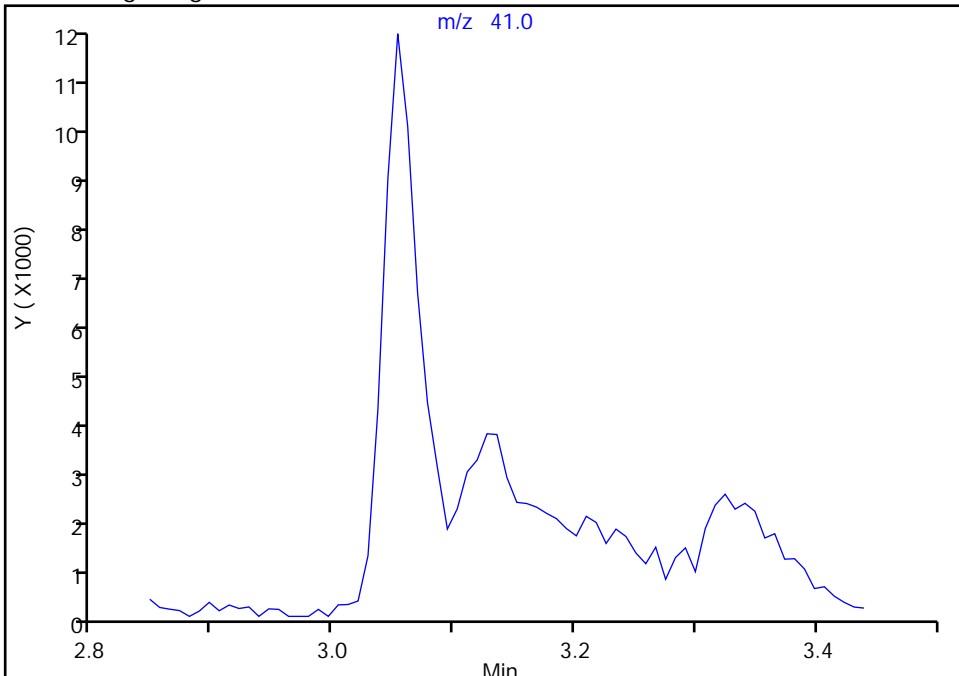
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

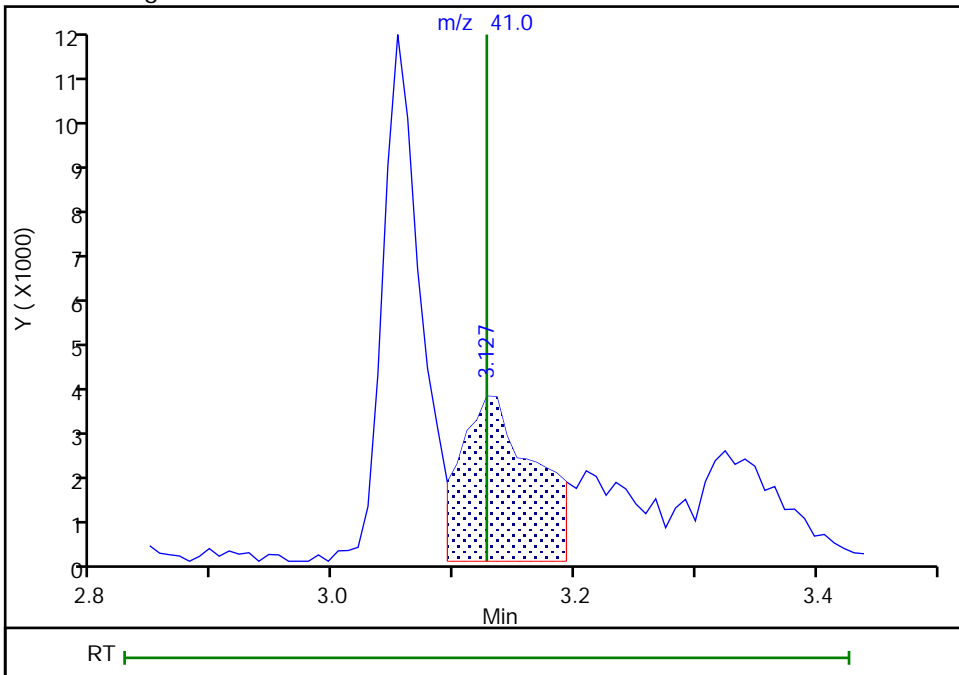
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.13
Area: 15453
Amount: 60.320841
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:23:05
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

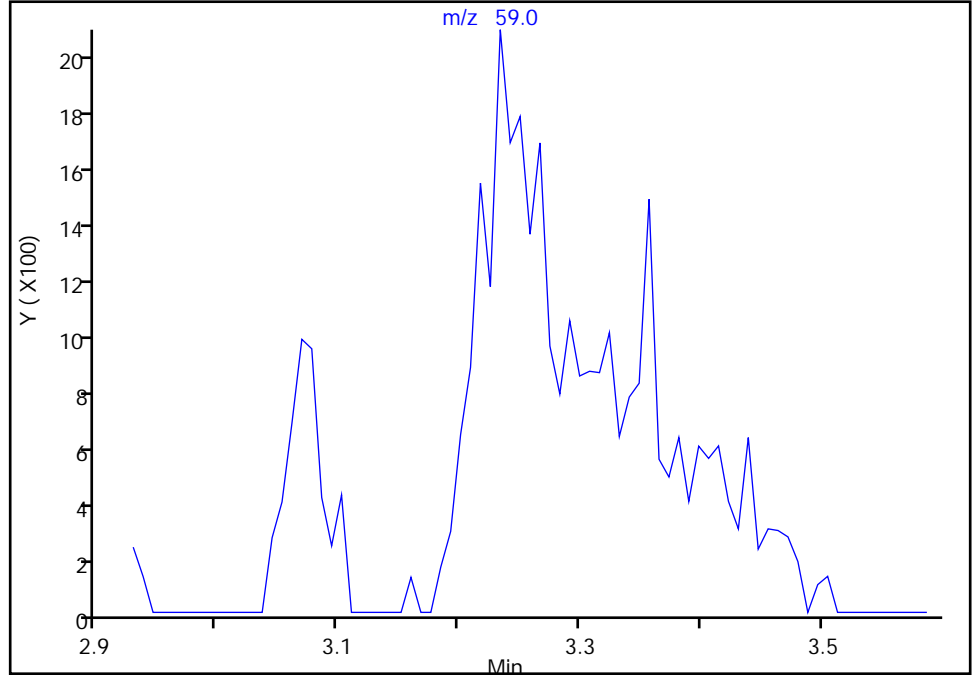
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

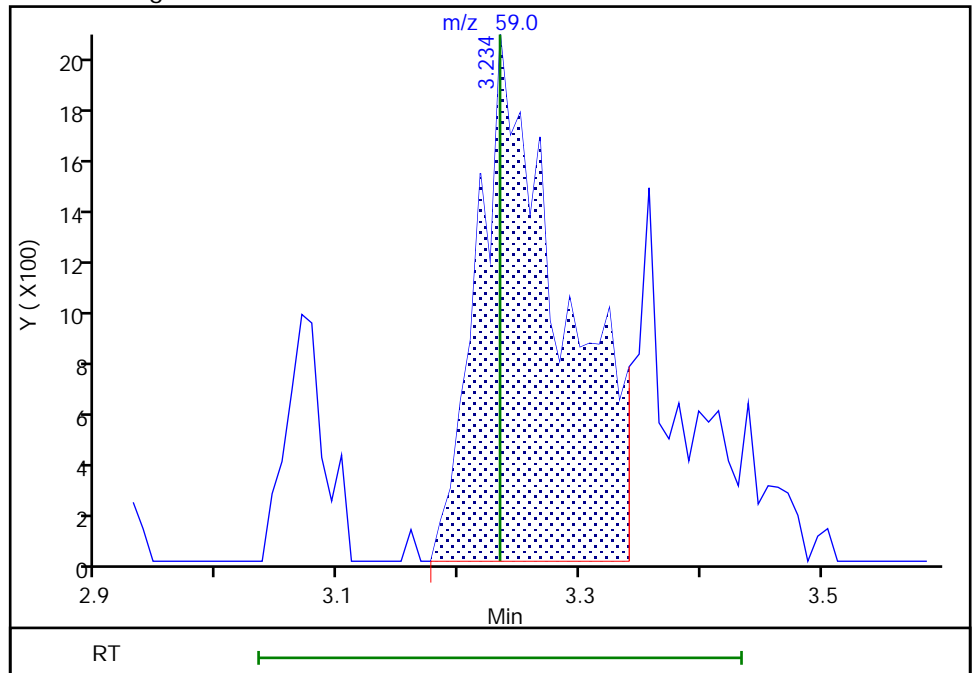
Not Detected
Expected RT: 3.23

Processing Integration Results



RT: 3.23
Area: 10421
Amount: 46.358683
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:23:00
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

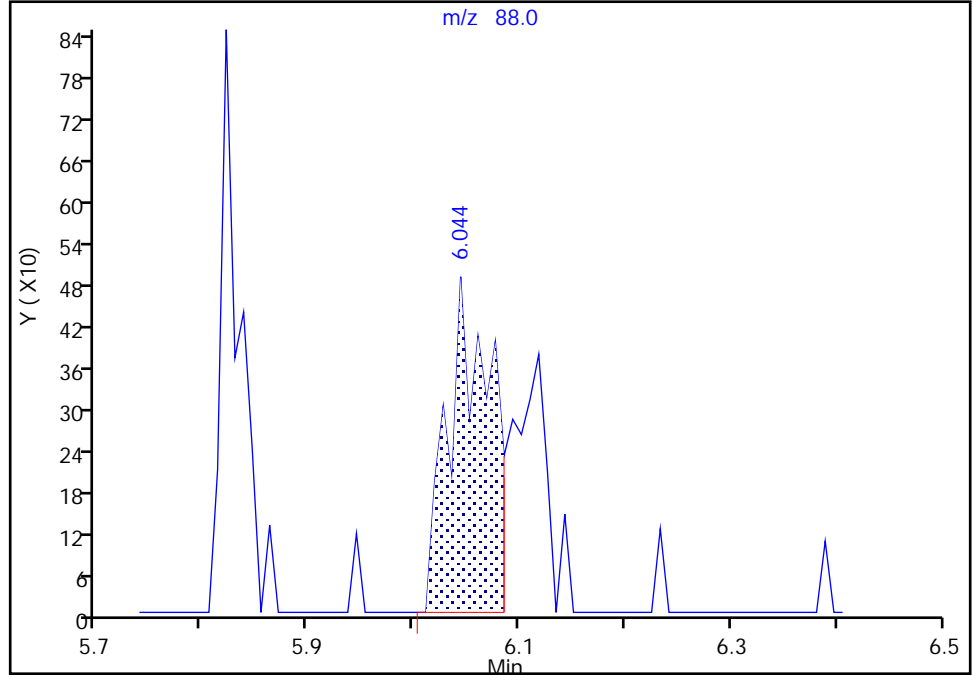
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Injection Date: 25-Jul-2020 23:40:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

73 1,4-Dioxane, CAS: 123-91-1

Signal: 1

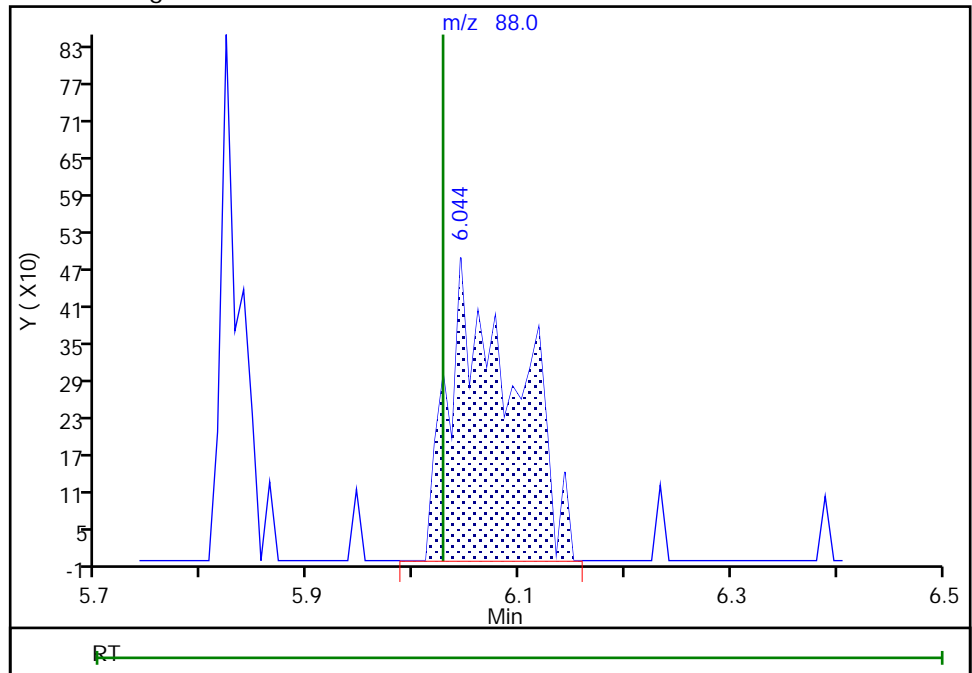
RT: 6.04
Area: 1357
Amount: 76.485528
Amount Units: ug/l

Processing Integration Results



RT: 6.04
Area: 2139
Amount: 112.3115
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:25:57
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99066.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 26-Jul-2020 00:05:30 ALS Bottle#: 6 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0113918-006
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:10:14 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:03:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.451	1.451	0.000	65	5696	20.0	19.4	Ma
3 Chlorotrifluoroethene	116	1.549	1.549	0.000	67	21280	20.0	12.9	
2 1,1-Difluoroethane	51	1.566	1.566	0.000	96	57923	20.0	18.3	
4 Dichlorodifluoromethane	85	1.582	1.582	0.000	99	83045	20.0	19.2	
5 Chlorodifluoromethane	51	1.599	1.599	0.000	97	60096	20.0	16.3	
6 Chloromethane	50	1.755	1.755	0.000	99	98553	20.0	20.2	
7 Butadiene	54	1.837	1.837	0.000	96	79162	20.0	19.7	
8 Vinyl chloride	62	1.845	1.845	0.000	98	94998	20.0	19.6	
9 Bromomethane	94	2.116	2.116	0.000	99	72599	20.0	18.8	
10 Chloroethane	64	2.166	2.166	0.000	99	58109	20.0	18.3	
11 Dichlorofluoromethane	67	2.346	2.346	0.000	98	109089	20.0	18.0	
12 Trichlorofluoromethane	101	2.363	2.363	0.000	75	87342	20.0	17.6	
13 Pentane	72	2.363	2.363	0.000	95	19281	40.0	46.5	
15 Ethyl ether	59	2.544	2.544	0.000	92	35454	20.0	16.9	
14 Ethanol	46	2.544	2.544	0.000	69	4553	800.0	522.9	
16 2-Methyl-1,3-butadiene	53	2.560	2.560	0.000	96	40391	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.609	2.609	0.000	85	45573	20.0	17.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.659	2.659	0.000	90	73515	20.0	17.9	a
19 Acrolein	56	2.708	2.708	0.000	30	4142	40.0	36.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	96	50241	20.0	17.2	
21 1,1-Dichloroethene	96	2.765	2.765	0.000	99	49866	20.0	16.5	
22 Acetone	43	2.839	2.839	0.000	87	74145	100.0	87.0	
23 Iodomethane	142	2.913	2.913	0.000	98	93647	20.0	16.7	
24 Isopropyl alcohol	45	2.922	2.922	0.000	29	12321	200.0	164.5	
25 Carbon disulfide	76	2.963	2.963	0.000	99	195348	20.0	16.6	
26 3-Chloro-1-propene	41	3.045	3.045	0.000	92	79606	20.0	15.7	
27 Methyl acetate	43	3.061	3.061	0.000	97	74044	40.0	33.3	
28 Cyclopentene	67	3.069	3.069	0.000	93	119837	20.0	16.9	
29 Acetonitrile	41	3.127	3.127	0.000	21	41004	200.0	191.5	Ma
* 31 TBA-d9 (IS)	65	3.168	3.168	0.000	0	212573	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	3.176	3.176	0.000	92	61190	20.0	16.5	
32 2-Methyl-2-propanol	59	3.234	3.234	0.000	91	31936	200.0	170.0	a
33 Methyl tert-butyl ether	73	3.324	3.324	0.000	96	133739	20.0	17.8	
34 trans-1,2-Dichloroethene	96	3.349	3.349	0.000	94	52208	20.0	16.4	
35 Acrylonitrile	53	3.423	3.423	0.000	94	217412	200.0	147.7	
36 Hexane	43	3.505	3.505	0.000	92	37360	20.0	16.1	
37 Isopropyl ether	45	3.710	3.710	0.000	94	144301	20.0	17.7	
38 1,1-Dichloroethane	63	3.743	3.743	0.000	99	91932	20.0	18.0	
39 Vinyl acetate	86	3.751	3.751	0.000	100	18932	40.0	31.4	
40 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	92	48296	20.0	17.8	
41 Tert-butyl ethyl ether	59	4.014	4.014	0.000	90	141843	20.0	19.0	
* 42 2-Butanone-d5	46	4.212	4.212	0.000	0	282505	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	79	16884	20.0	19.0	
44 cis-1,2-Dichloroethene	96	4.244	4.244	0.000	96	60724	20.0	17.9	
45 Ethyl acetate	70	4.269	4.269	0.000	94	13063	40.0	40.2	
46 2-Butanone (MEK)	72	4.269	4.269	0.000	96	35948	100.0	99.5	
47 Methyl acrylate	55	4.318	4.318	0.000	99	46571	20.0	16.8	
48 Propionitrile	54	4.392	4.392	0.000	98	79199	200.0	228.6	
49 Tetrahydrofuran	72	4.466	4.466	0.000	62	16942	40.0	39.4	
50 Chlorobromomethane	128	4.466	4.466	0.000	88	31181	20.0	19.4	
51 Methacrylonitrile	67	4.491	4.491	0.000	91	251836	200.0	188.1	
52 Chloroform	83	4.516	4.516	0.000	98	92588	20.0	18.2	
53 Cyclohexane	84	4.655	4.655	0.000	89	87416	20.0	18.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.672	0.000	96	127358	50.0	45.6	
54 1,1,1-Trichloroethane	97	4.672	4.672	0.000	85	84159	20.0	18.7	
56 Carbon tetrachloride	117	4.787	4.787	0.000	97	66772	20.0	18.0	
57 1,1-Dichloropropene	75	4.811	4.811	0.000	98	70304	20.0	18.6	
58 Isobutyl alcohol	43	4.926	4.926	0.000	91	23866	500.0	411.1	
59 Benzene	78	5.009	5.009	0.000	95	219686	20.0	18.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.017	0.000	0	153520	50.0	47.1	
61 Isopropyl acetate	43	5.058	5.058	0.000	96	148330	20.0	20.4	
62 Tert-amyl methyl ether	73	5.066	5.066	0.000	91	151528	20.0	19.1	
63 1,2-Dichloroethane	62	5.091	5.091	0.000	97	73138	20.0	20.0	
64 n-Heptane	57	5.157	5.157	0.000	87	37423	20.0	20.2	
* 65 Fluorobenzene	96	5.288	5.288	0.000	99	534190	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	87	23196	500.0	474.7	
67 Trichloroethene	95	5.633	5.633	0.000	98	55181	20.0	19.3	
68 Ethyl acrylate	55	5.756	5.756	0.000	97	121691	20.0	18.3	
69 Methylcyclohexane	83	5.765	5.765	0.000	85	93279	20.0	18.7	
70 1,2-Dichloropropane	63	5.921	5.921	0.000	88	53727	20.0	18.9	
* 71 1,4-Dioxane-d8	96	5.970	5.970	0.000	0	21839	1000.0	1000.0	
72 Methyl methacrylate	100	5.995	5.995	0.000	83	29906	40.0	35.8	
73 1,4-Dioxane	88	6.028	6.028	0.000	29	7987	400.0	405.5	
75 Dibromomethane	93	6.044	6.044	0.000	94	35440	20.0	18.2	
74 n-Propyl acetate	43	6.052	6.052	0.000	97	68763	20.0	18.7	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	71101	20.0	18.3	
77 2-Nitropropane	41	6.529	6.529	0.000	87	27483	40.0	35.4	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	75	30323	20.0	14.1	
79 Epichlorohydrin	57	6.636	6.636	0.000	99	105978	400.0	376.7	
80 cis-1,3-Dichloropropene	75	6.693	6.693	0.000	91	85807	20.0	17.7	
81 4-Methyl-2-pentanone (MIBK)	43	6.857	6.857	0.000	96	275740	100.0	108.8	
\$ 82 Toluene-d8 (Surr)	98	6.940	6.940	0.000	99	553800	50.0	47.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.014	7.014	0.000	93	248982	20.0	18.3	
84 trans-1,3-Dichloropropene	75	7.359	7.359	0.000	97	77252	20.0	18.9	
85 Ethyl methacrylate	69	7.392	7.392	0.000	88	72606	20.0	19.0	
86 1,1,2-Trichloroethane	83	7.572	7.572	0.000	95	41005	20.0	18.0	
87 Tetrachloroethene	166	7.622	7.622	0.000	95	56734	20.0	19.0	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	90	81930	20.0	18.0	
89 2-Hexanone	43	7.852	7.852	0.000	94	141965	100.0	91.9	
90 n-Butyl acetate	43	7.967	7.967	0.000	98	73532	20.0	17.9	
91 Chlorodibromomethane	129	8.008	8.008	0.000	98	52269	20.0	17.6	
92 Ethylene Dibromide	107	8.172	8.172	0.000	97	48892	20.0	18.2	
* 93 Chlorobenzene-d5	117	8.714	8.714	0.000	85	425933	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	162938	20.0	19.3	
95 Ethylbenzene	106	8.862	8.862	0.000	98	91325	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	8.871	8.871	0.000	94	59392	20.0	19.3	
97 m-Xylene & p-Xylene	106	9.018	9.018	0.000	0	111215	20.0	19.9	
98 n-Butyl acrylate	73	9.470	9.470	0.000	97	45673	20.0	18.7	
99 o-Xylene	106	9.479	9.479	0.000	94	105655	20.0	17.6	
100 Styrene	104	9.512	9.512	0.000	96	162893	20.0	17.6	
101 Amyl acetate (mixed isomers)	43	9.700	9.700	0.000	93	91747	20.0	18.6	
102 Bromoform	173	9.709	9.709	0.000	96	34743	20.0	17.0	
103 Isopropylbenzene	105	9.832	9.832	0.000	96	257706	20.0	17.6	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	89	146060	50.0	43.5	
105 Bromobenzene	156	10.128	10.128	0.000	98	62646	20.0	19.4	
106 1,1,2,2-Tetrachloroethane	83	10.169	10.169	0.000	97	63610	20.0	18.8	
107 N-Propylbenzene	91	10.194	10.194	0.000	100	316180	20.0	19.7	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	98	20730	20.0	19.2	
109 trans-1,4-Dichloro-2-butene	53	10.226	10.226	0.000	78	16583	20.0	19.4	
110 2-Chlorotoluene	91	10.284	10.284	0.000	97	213979	20.0	18.9	
111 4-Ethyltoluene	105	10.292	10.292	0.000	98	264259	20.0	19.3	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	94	219846	20.0	18.4	
113 4-Chlorotoluene	91	10.382	10.382	0.000	97	194263	20.0	19.7	
114 Butyl Methacrylate	87	10.432	10.432	0.000	88	78468	20.0	17.8	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	176103	20.0	17.4	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	236675	20.0	19.1	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	292048	20.0	19.5	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	74	138110	20.0	19.3	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	97	250669	20.0	18.6	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	95	226494	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	134372	20.0	19.3	
122 1,2,3-Trimethylbenzene	105	10.933	10.933	0.000	98	258042	20.0	19.7	
123 Benzyl chloride	91	11.023	11.023	0.000	99	124077	20.0	19.7	
124 2,3-Dihydroindene	117	11.065	11.065	0.000	94	268728	20.0	20.1	
125 p-Diethylbenzene	119	11.106	11.106	0.000	93	147230	20.0	19.6	
126 n-Butylbenzene	92	11.122	11.122	0.000	97	147734	20.0	19.6	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	96	147546	20.0	19.9	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	97	273769	20.0	21.1	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.664	0.000	95	17139	20.0	20.3	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	116470	20.0	20.5	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	94	113716	20.0	21.1	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	94	42569	20.0	19.9	
133 Naphthalene	128	12.305	12.305	0.000	99	276711	20.0	19.8	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	97	107181	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
S 135 1,2-Dichloroethene, Total	100				0		40.0	34.3	
S 136 Xylenes, Total	100				0		40.0	37.5	

QC Flag Legend

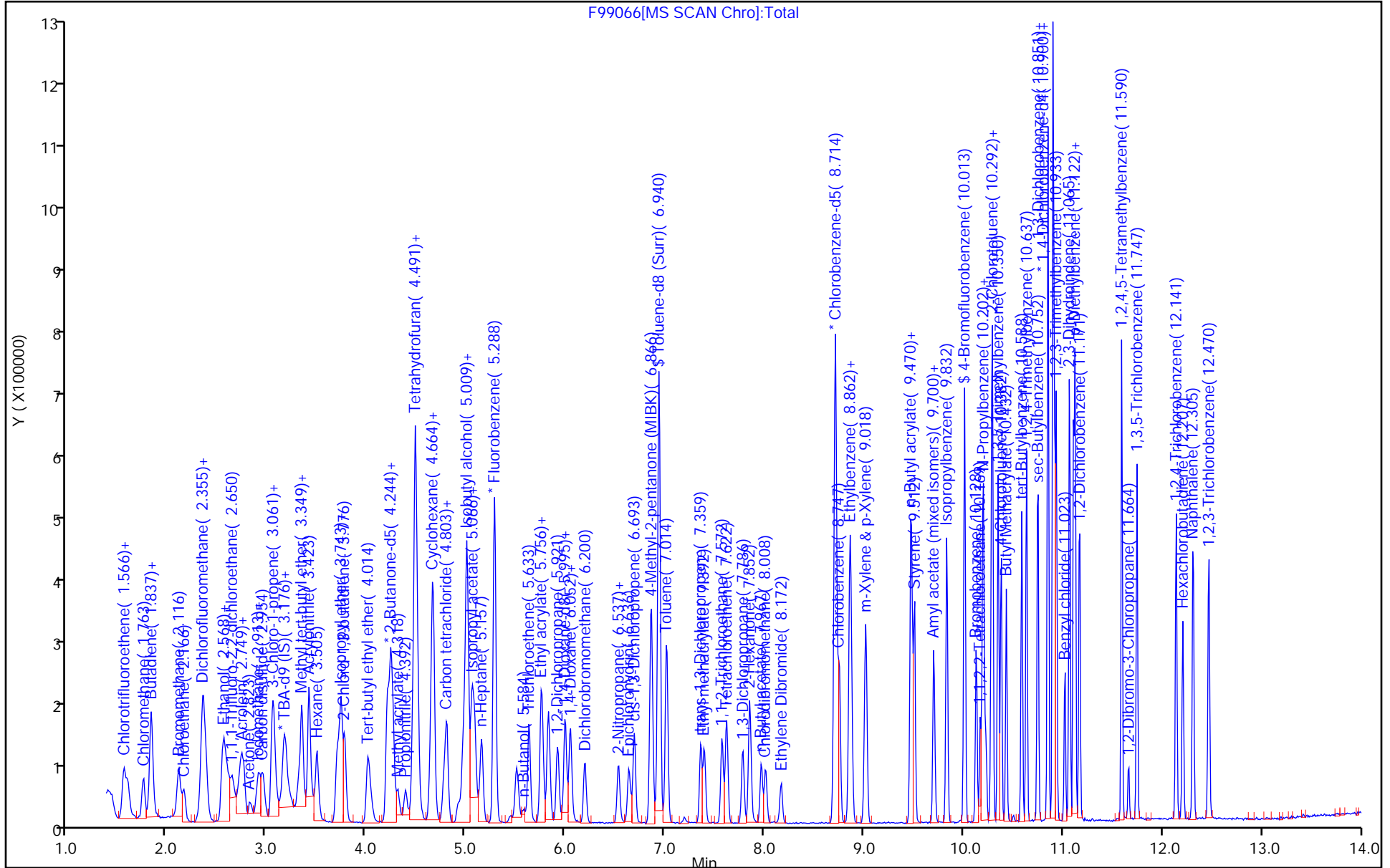
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00378	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 20.00	Units: uL	
ACROLEIN W_00109	Amount Added: 4.00	Units: uL	
524freon_00025	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

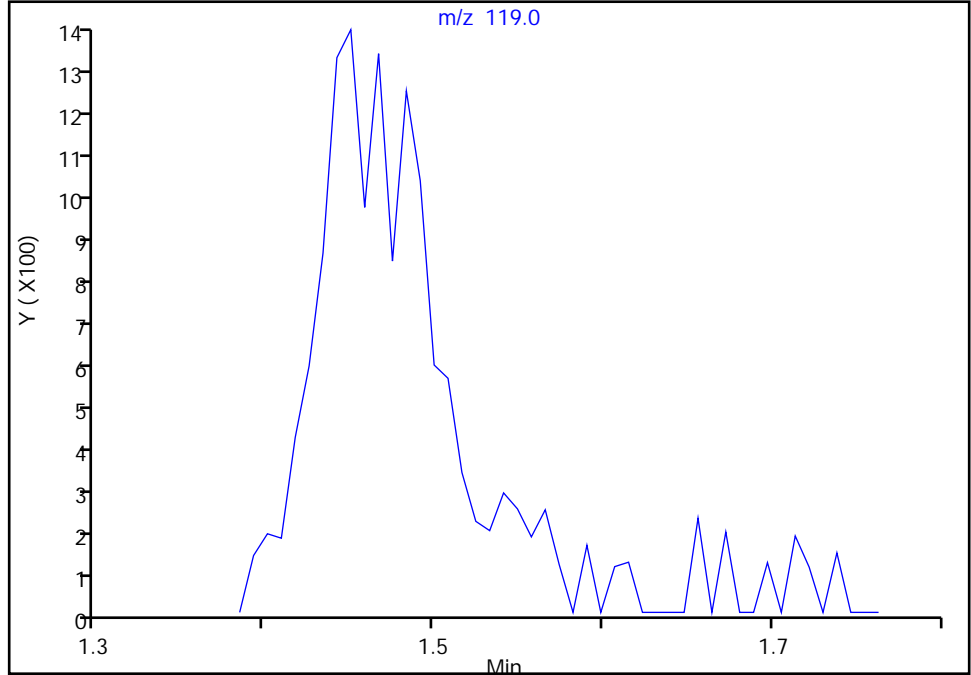
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Injection Date: 26-Jul-2020 00:05:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

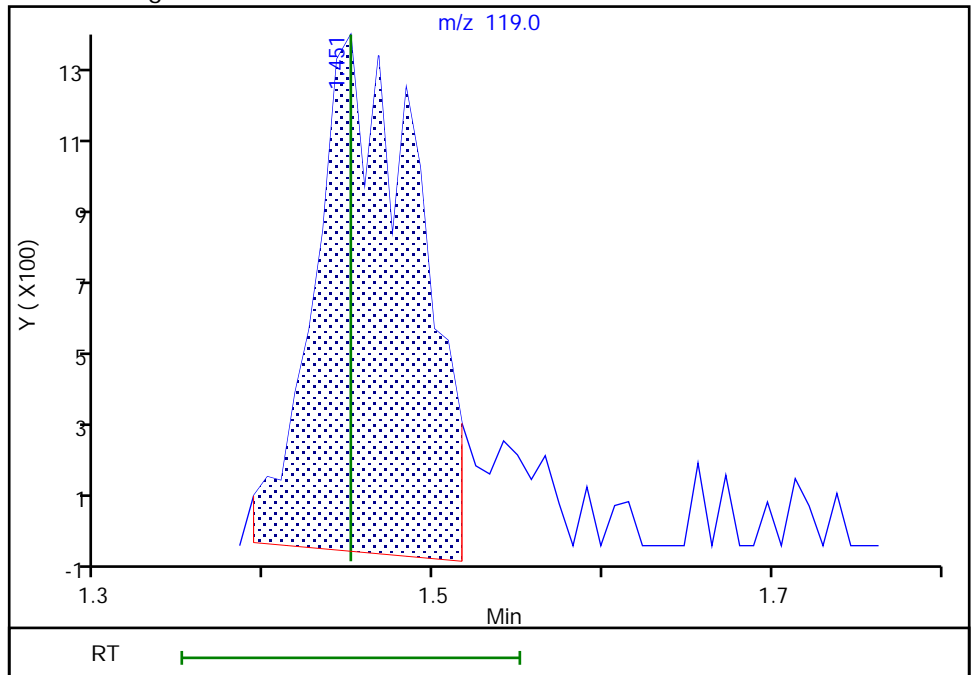
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.45
Area: 5696
Amount: 19.449102
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 13:45:26
Audit Action: Manually Integrated

Audit Reason: Split Peak
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Eurofins TestAmerica, Edison

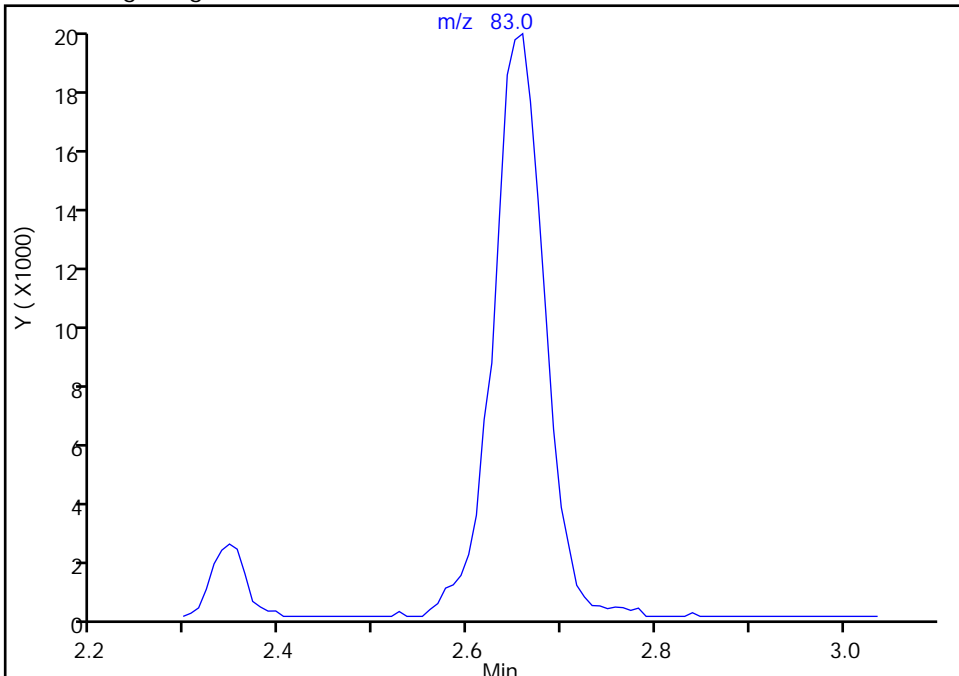
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Injection Date: 26-Jul-2020 00:05:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

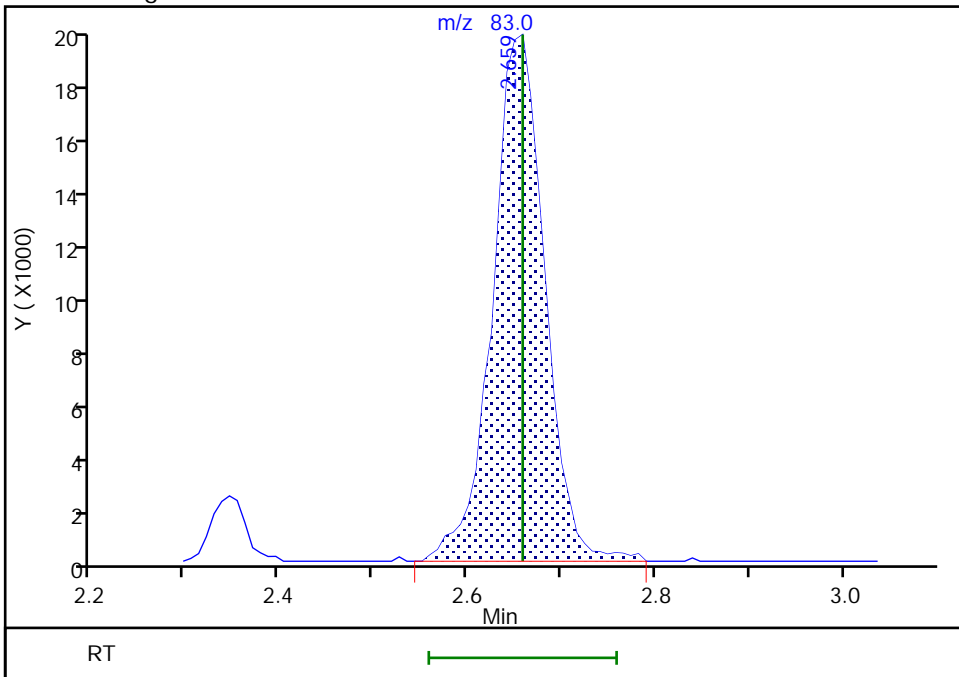
Not Detected
Expected RT: 2.66

Processing Integration Results



RT: 2.66
Area: 73515
Amount: 17.881078
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

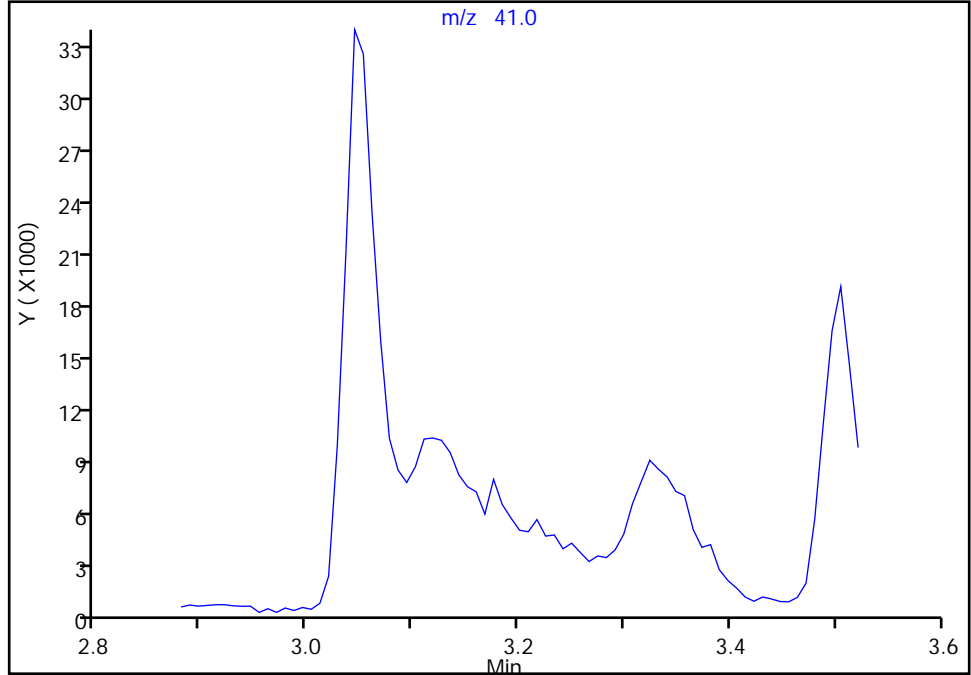
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Injection Date: 26-Jul-2020 00:05:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

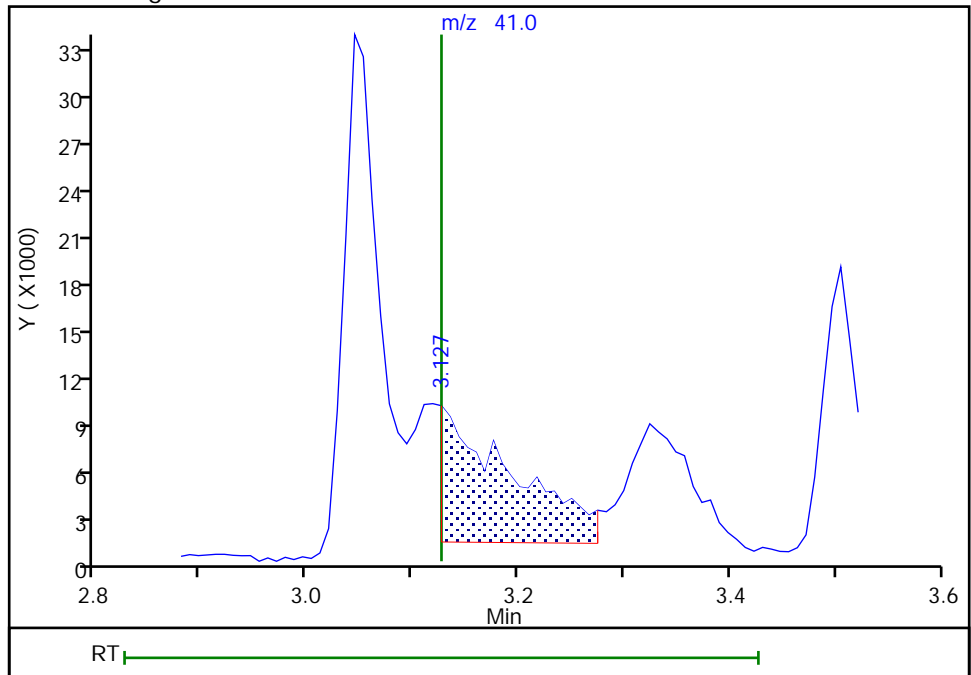
Not Detected
Expected RT: 3.13

Processing Integration Results



RT: 3.13
Area: 41004
Amount: 191.5451
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:39:10
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

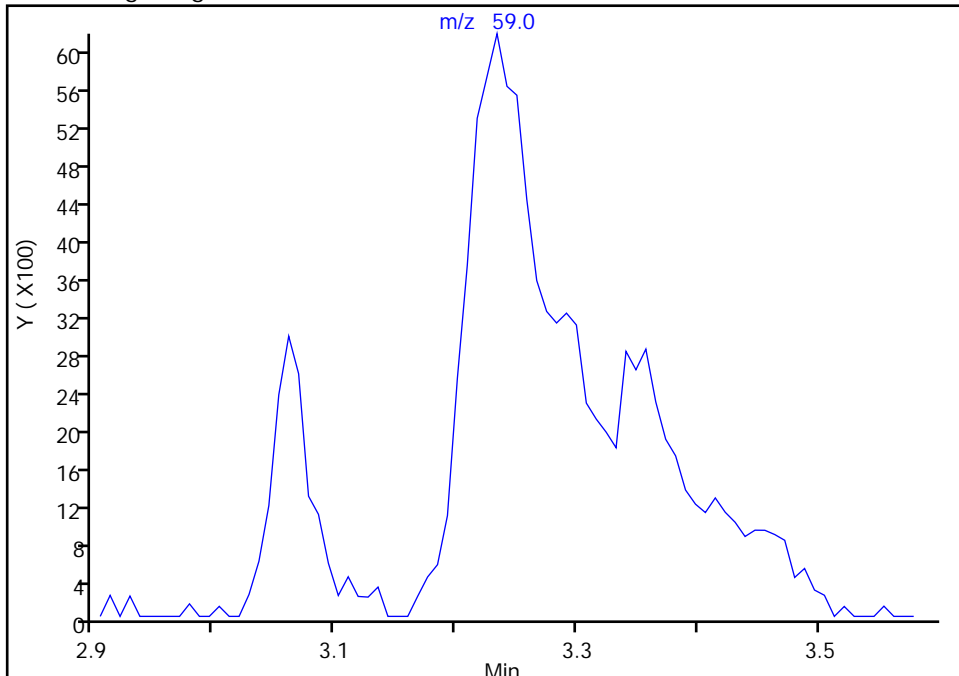
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Injection Date: 26-Jul-2020 00:05:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

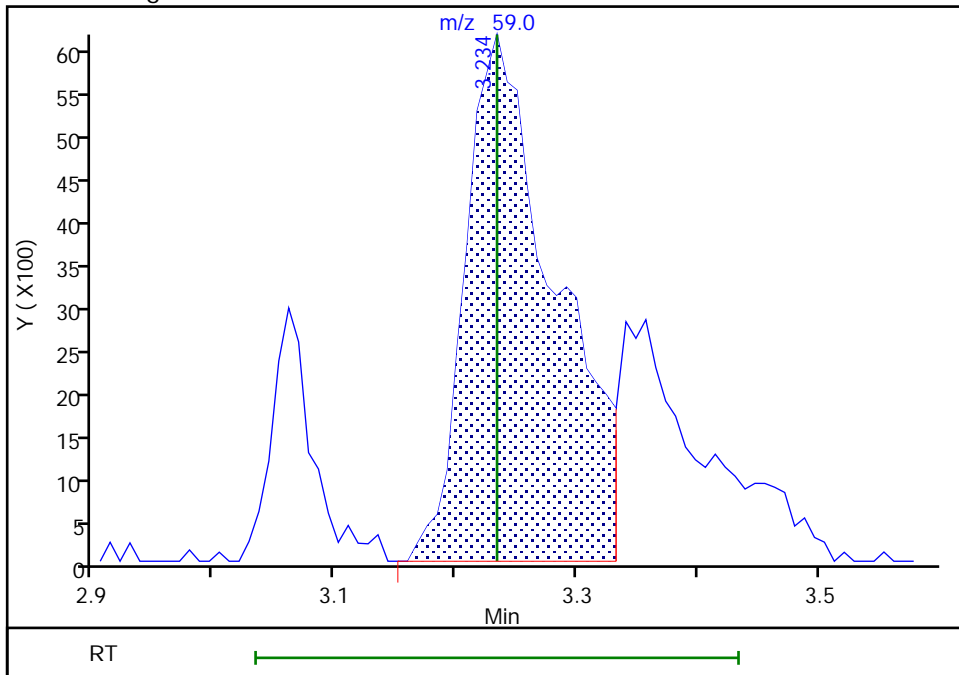
Not Detected
Expected RT: 3.23

Processing Integration Results



RT: 3.23
Area: 31936
Amount: 170.0170
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:22:04
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99067.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 26-Jul-2020 00:30:30 ALS Bottle#: 7 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0113918-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:10:29 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:17:37

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	1.451	0.016	82	10085	50.0	33.9	a
3 Chlorotrifluoroethene	116	1.550	1.549	0.001	61	49591	50.0	29.9	
2 1,1-Difluoroethane	51	1.566	1.566	0.000	96	149255	50.0	46.3	
4 Dichlorodifluoromethane	85	1.582	1.582	0.000	98	196483	50.0	44.6	
5 Chlorodifluoromethane	51	1.599	1.599	0.000	96	181657	50.0	48.5	
6 Chloromethane	50	1.755	1.755	0.000	98	242436	50.0	49.0	
7 Butadiene	54	1.837	1.837	0.000	94	192676	50.0	47.3	
8 Vinyl chloride	62	1.837	1.845	-0.008	98	242279	50.0	49.3	
9 Bromomethane	94	2.117	2.116	0.001	99	199452	50.0	50.9	
10 Chloroethane	64	2.166	2.166	0.000	98	160337	50.0	49.7	
11 Dichlorofluoromethane	67	2.347	2.346	0.001	99	300208	50.0	48.6	
12 Trichlorofluoromethane	101	2.363	2.363	0.000	97	228785	50.0	45.3	
13 Pentane	72	2.363	2.363	0.000	96	45812	100.0	83.4	
15 Ethyl ether	59	2.544	2.544	0.000	94	98958	50.0	46.4	
14 Ethanol	46	2.544	2.544	0.000	74	23644	2000.0	2089.8	
16 2-Methyl-1,3-butadiene	53	2.568	2.560	0.008	96	113947	50.0	47.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.601	2.609	-0.008	87	126662	50.0	47.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.651	2.659	-0.008	93	195566	50.0	46.8	a
19 Acrolein	56	2.708	2.708	0.000	31	14855	100.0	99.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.725	2.733	-0.008	91	124669	50.0	42.0	
21 1,1-Dichloroethene	96	2.766	2.765	0.001	98	140602	50.0	45.8	
22 Acetone	43	2.831	2.839	-0.008	89	214580	250.0	235.6	
23 Iodomethane	142	2.914	2.913	0.001	97	271616	50.0	47.6	
24 Isopropyl alcohol	45	2.922	2.922	0.000	29	50607	500.0	510.1	M
25 Carbon disulfide	76	2.963	2.963	0.000	99	544183	50.0	45.4	
26 3-Chloro-1-propene	41	3.045	3.045	0.000	94	228383	50.0	44.2	
27 Methyl acetate	43	3.061	3.061	0.000	98	210232	100.0	93.1	
28 Cyclopentene	67	3.070	3.069	0.001	93	335759	50.0	46.7	a
29 Acetonitrile	41	3.119	3.127	-0.008	91	160933	500.0	567.6	a
* 31 TBA-d9 (IS)	65	3.193	3.168	0.025	0	281574	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	3.185	3.176	0.009	89	180860	50.0	48.0	
32 2-Methyl-2-propanol	59	3.242	3.234	0.008	94	149887	500.0	602.4	a
33 Methyl tert-butyl ether	73	3.324	3.324	0.000	97	371263	50.0	48.7	
34 trans-1,2-Dichloroethene	96	3.349	3.349	0.000	93	151486	50.0	47.0	
35 Acrylonitrile	53	3.423	3.423	0.000	95	604811	500.0	409.4	
36 Hexane	43	3.497	3.505	-0.008	91	86973	50.0	37.2	
37 Isopropyl ether	45	3.711	3.710	0.001	94	408679	50.0	49.4	
38 1,1-Dichloroethane	63	3.735	3.743	-0.008	99	254401	50.0	48.9	
39 Vinyl acetate	86	3.752	3.751	0.001	99	61360	100.0	100.3	
40 2-Chloro-1,3-butadiene	88	3.785	3.784	0.001	89	137161	50.0	49.7	
41 Tert-butyl ethyl ether	59	4.015	4.014	0.001	91	389943	50.0	51.4	
* 42 2-Butanone-d5	46	4.212	4.212	0.000	0	301753	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	90	45948	50.0	51.0	
44 cis-1,2-Dichloroethene	96	4.245	4.244	0.001	98	166087	50.0	48.2	
45 Ethyl acetate	70	4.261	4.269	-0.008	95	33500	100.0	96.5	
46 2-Butanone (MEK)	72	4.261	4.269	-0.008	97	96651	250.0	250.4	
47 Methyl acrylate	55	4.319	4.318	0.001	99	127215	50.0	51.4	
48 Propionitrile	54	4.393	4.392	0.001	98	233232	500.0	508.2	
49 Tetrahydrofuran	72	4.467	4.466	0.001	79	41054	100.0	89.5	
50 Chlorobromomethane	128	4.467	4.466	0.001	92	78973	50.0	48.3	
51 Methacrylonitrile	67	4.491	4.491	0.000	90	623931	500.0	458.7	
52 Chloroform	83	4.516	4.516	0.000	99	223312	50.0	43.1	
53 Cyclohexane	84	4.656	4.655	0.001	88	216132	50.0	44.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.672	0.000	97	134216	50.0	47.3	
54 1,1,1-Trichloroethane	97	4.664	4.672	-0.008	98	221239	50.0	48.3	
56 Carbon tetrachloride	117	4.787	4.787	0.000	97	178067	50.0	47.1	
57 1,1-Dichloropropene	75	4.812	4.811	0.001	98	187797	50.0	49.0	
58 Isobutyl alcohol	43	4.927	4.926	0.001	97	108931	1250.0	1416.4	
59 Benzene	78	5.009	5.009	0.000	97	548234	50.0	51.7	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.017	0.000	0	149962	50.0	45.3	
61 Isopropyl acetate	43	5.066	5.058	0.008	95	368102	50.0	49.7	
62 Tert-amyl methyl ether	73	5.066	5.066	0.000	92	386853	50.0	48.1	
63 1,2-Dichloroethane	62	5.091	5.091	0.000	97	177561	50.0	47.9	
64 n-Heptane	57	5.157	5.157	0.000	90	87068	50.0	46.3	
* 65 Fluorobenzene	96	5.288	5.288	0.000	99	542785	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	86	88117	1250.0	1353.2	
67 Trichloroethene	95	5.633	5.633	0.000	98	147650	50.0	50.7	
68 Ethyl acrylate	55	5.757	5.756	0.001	98	312046	50.0	46.2	
69 Methylcyclohexane	83	5.765	5.765	0.000	84	228344	50.0	44.9	
70 1,2-Dichloropropane	63	5.921	5.921	0.000	91	141960	50.0	49.1	
* 71 1,4-Dioxane-d8	96	5.987	5.970	0.017	0	30702	1000.0	1000.0	
72 Methyl methacrylate	100	5.995	5.995	0.000	82	79109	100.0	93.3	
73 1,4-Dioxane	88	6.044	6.028	0.016	34	27392	1000.0	989.1	
75 Dibromomethane	93	6.044	6.044	0.000	96	93936	50.0	47.6	
74 n-Propyl acetate	43	6.052	6.052	0.000	96	185860	50.0	49.8	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	175499	50.0	44.6	
77 2-Nitropropane	41	6.529	6.529	0.000	84	65621	100.0	83.1	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	71	64433	50.1	29.6	
79 Epichlorohydrin	57	6.644	6.636	0.008	99	266951	1000.0	890.3	
80 cis-1,3-Dichloropropene	75	6.693	6.693	0.000	91	208928	50.0	47.5	
81 4-Methyl-2-pentanone (MIBK)	43	6.858	6.857	0.001	95	672722	250.0	248.5	
\$ 82 Toluene-d8 (Surr)	98	6.940	6.940	0.000	99	508149	50.0	48.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.014	7.014	0.000	93	606135	50.0	49.1	
84 trans-1,3-Dichloropropene	75	7.359	7.359	0.000	97	196613	50.0	53.0	
85 Ethyl methacrylate	69	7.400	7.392	0.008	88	186113	50.0	53.8	
86 1,1,2-Trichloroethane	83	7.573	7.572	0.001	95	108618	50.0	52.6	
87 Tetrachloroethene	166	7.622	7.622	0.000	96	143526	50.0	52.9	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	91	223539	50.0	54.0	
89 2-Hexanone	43	7.852	7.852	0.000	94	438555	250.0	265.7	
90 n-Butyl acetate	43	7.967	7.967	0.000	98	189788	50.0	51.0	
91 Chlorodibromomethane	129	8.016	8.008	0.008	97	134549	50.0	50.1	
92 Ethylene Dibromide	107	8.172	8.172	0.000	99	136230	50.0	56.0	
* 93 Chlorobenzene-d5	117	8.715	8.714	0.001	85	386388	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	389376	50.0	50.8	
95 Ethylbenzene	106	8.863	8.862	0.001	98	217144	50.0	51.1	
96 1,1,1,2-Tetrachloroethane	131	8.871	8.871	0.000	95	146109	50.0	52.3	
97 m-Xylene & p-Xylene	106	9.019	9.018	0.001	0	273748	50.0	54.1	
98 n-Butyl acrylate	73	9.471	9.470	0.001	98	116582	50.0	52.7	
99 o-Xylene	106	9.479	9.479	0.000	94	281443	50.0	51.6	
100 Styrene	104	9.512	9.512	0.000	96	449704	50.0	53.7	
101 Amyl acetate (mixed isomers)	43	9.701	9.700	0.001	92	272355	50.0	57.2	
102 Bromoform	173	9.709	9.709	0.000	97	101822	50.0	54.9	
103 Isopropylbenzene	105	9.832	9.832	0.000	95	765918	50.0	57.7	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	90	141847	50.0	46.5	
105 Bromobenzene	156	10.128	10.128	0.000	98	164148	50.0	53.3	
106 1,1,2,2-Tetrachloroethane	83	10.169	10.169	0.000	98	174069	50.0	53.9	
107 N-Propylbenzene	91	10.194	10.194	0.000	99	861635	50.0	56.2	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	99	54360	50.0	52.8	
109 trans-1,4-Dichloro-2-butene	53	10.227	10.226	0.001	79	45827	50.0	56.2	
110 2-Chlorotoluene	91	10.284	10.284	0.000	97	599510	50.0	55.4	
111 4-Ethyltoluene	105	10.292	10.292	0.000	98	744785	50.0	57.1	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	93	621412	50.0	53.7	
113 4-Chlorotoluene	91	10.383	10.382	0.001	96	533345	50.0	56.7	
114 Butyl Methacrylate	87	10.432	10.432	0.000	87	231415	50.0	54.5	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	508475	50.0	52.1	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	96	695809	50.0	58.7	
117 sec-Butylbenzene	105	10.753	10.752	0.000	99	787319	50.0	55.1	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	98	734608	50.0	57.2	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	70	361765	50.0	52.8	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	95	216250	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.917	10.917	0.000	95	342159	50.0	51.6	
122 1,2,3-Trimethylbenzene	105	10.933	10.933	0.000	97	675296	50.0	54.0	
123 Benzyl chloride	91	11.024	11.023	0.001	99	316894	50.0	52.6	
124 2,3-Dihydroindene	117	11.065	11.065	0.001	94	704973	50.0	55.2	
125 p-Diethylbenzene	119	11.106	11.106	0.000	92	392433	50.0	54.7	
126 n-Butylbenzene	92	11.122	11.122	0.000	97	384786	50.0	53.6	
127 1,2-Dichlorobenzene	146	11.172	11.171	0.001	96	372228	50.0	52.6	
128 1,2,4,5-Tetramethylbenzene	119	11.591	11.590	0.001	98	599615	50.0	48.5	
129 1,2-Dibromo-3-Chloropropane	157	11.665	11.664	0.001	96	38341	50.0	47.5	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.001	97	264813	50.0	48.9	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	93	275153	50.0	53.4	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	96	105220	50.0	51.6	
133 Naphthalene	128	12.306	12.305	0.001	99	728408	50.0	54.5	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	95	262087	50.0	54.2	

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		100.0	95.2	
S 136 Xylenes, Total	100				0		100.0	105.7	

QC Flag Legend

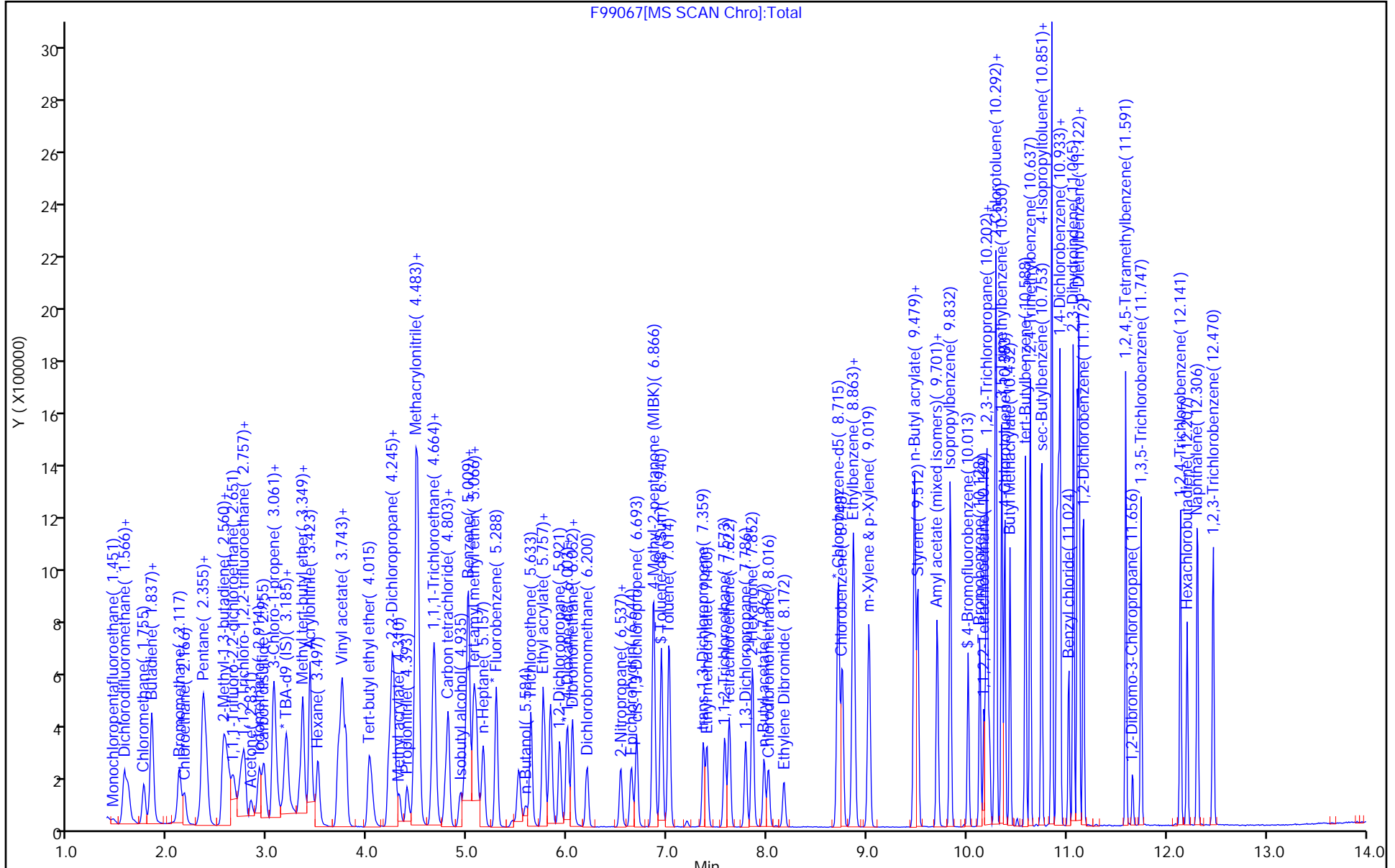
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00378	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00120	Amount Added: 50.00	Units: uL	
ACROLEIN W_00109	Amount Added: 10.00	Units: uL	
524freon_00025	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent



F99067[MS SCAN Chro]:Total

Eurofins TestAmerica, Edison

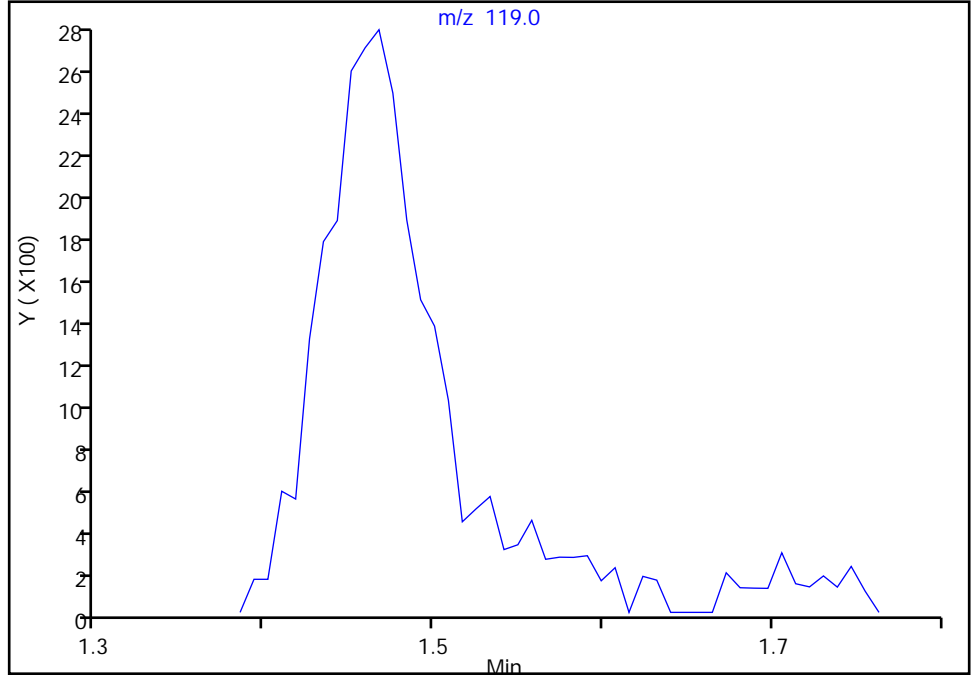
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Injection Date: 26-Jul-2020 00:30:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

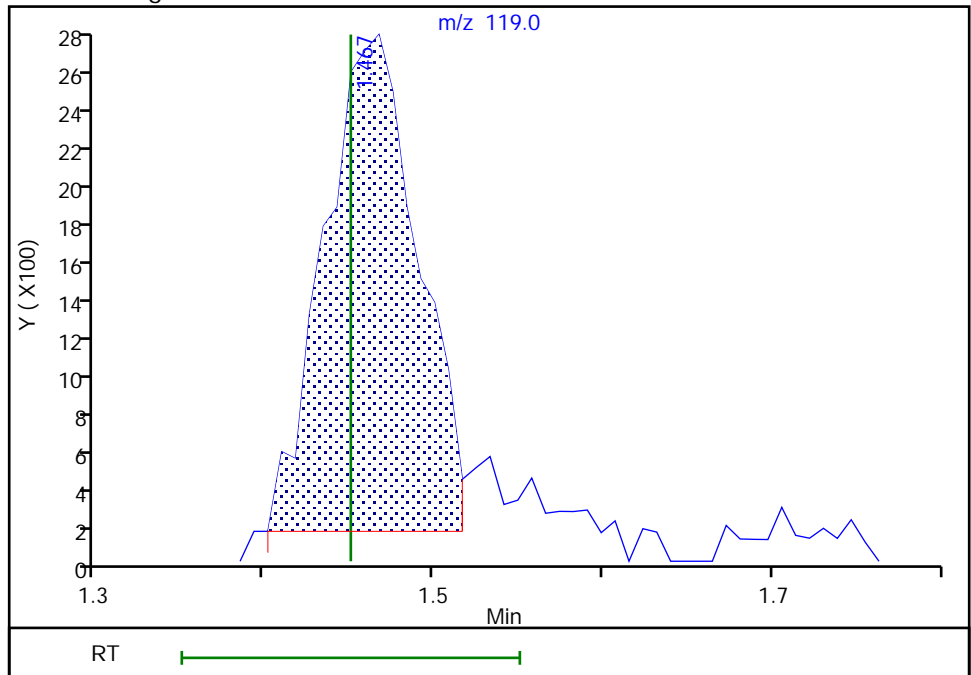
Not Detected
Expected RT: 1.45

Processing Integration Results



Manual Integration Results

RT: 1.47
Area: 10085
Amount: 33.890143
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:17:29
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

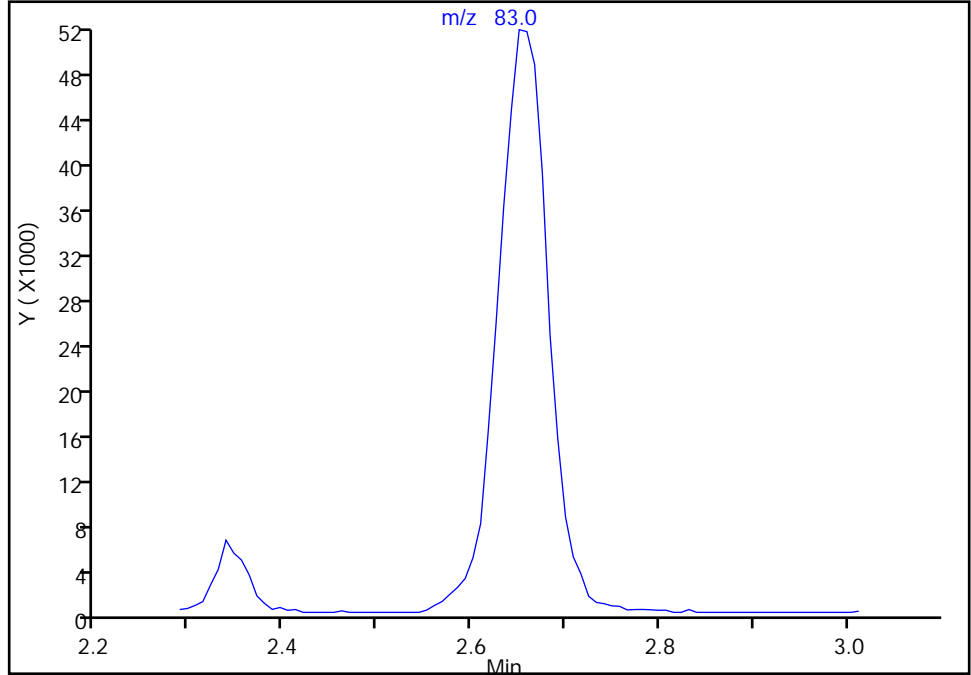
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Injection Date: 26-Jul-2020 00:30:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

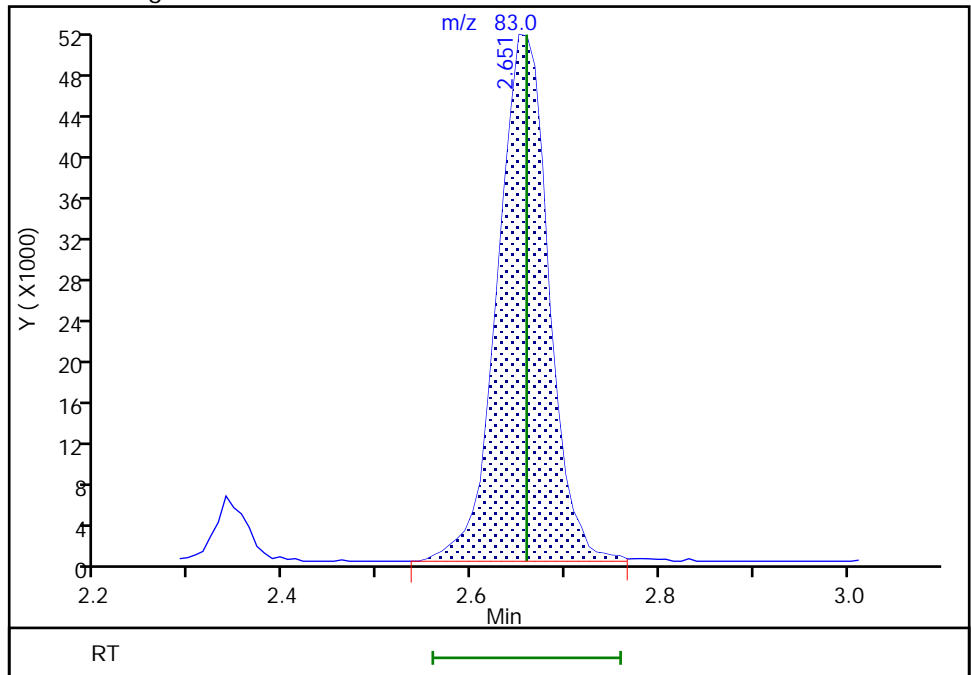
Processing Integration Results

Not Detected
Expected RT: 2.66



Manual Integration Results

RT: 2.65
Area: 195566
Amount: 46.814352
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:17:15
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

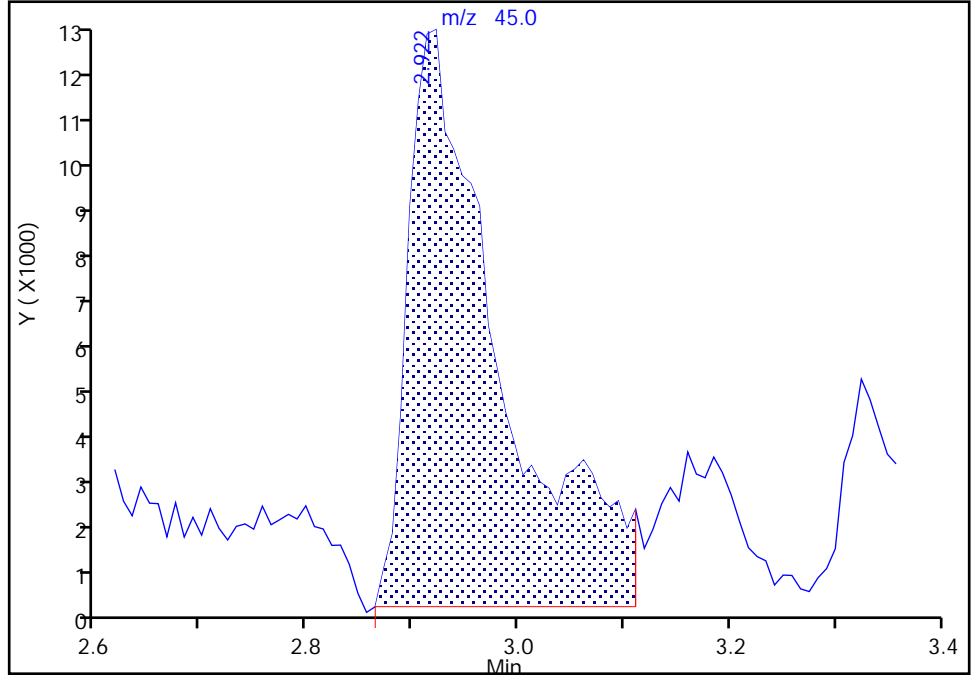
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Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

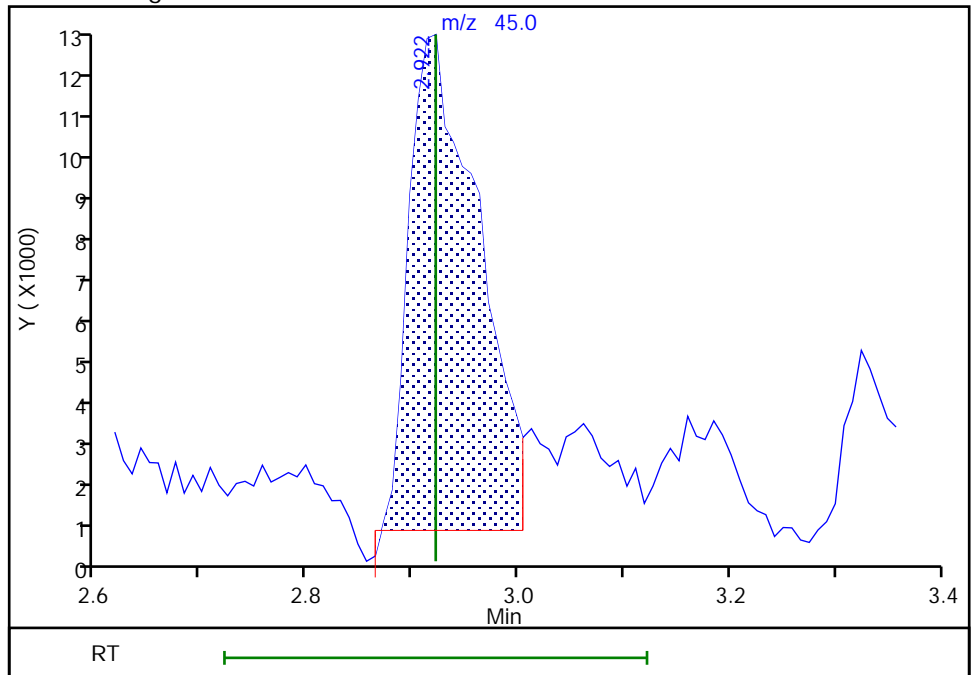
RT: 2.92
Area: 70965
Amount: 688.7687
Amount Units: ug/l

Processing Integration Results



RT: 2.92
Area: 50607
Amount: 510.1157
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:15:19
Audit Action: Manually Integrated

Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

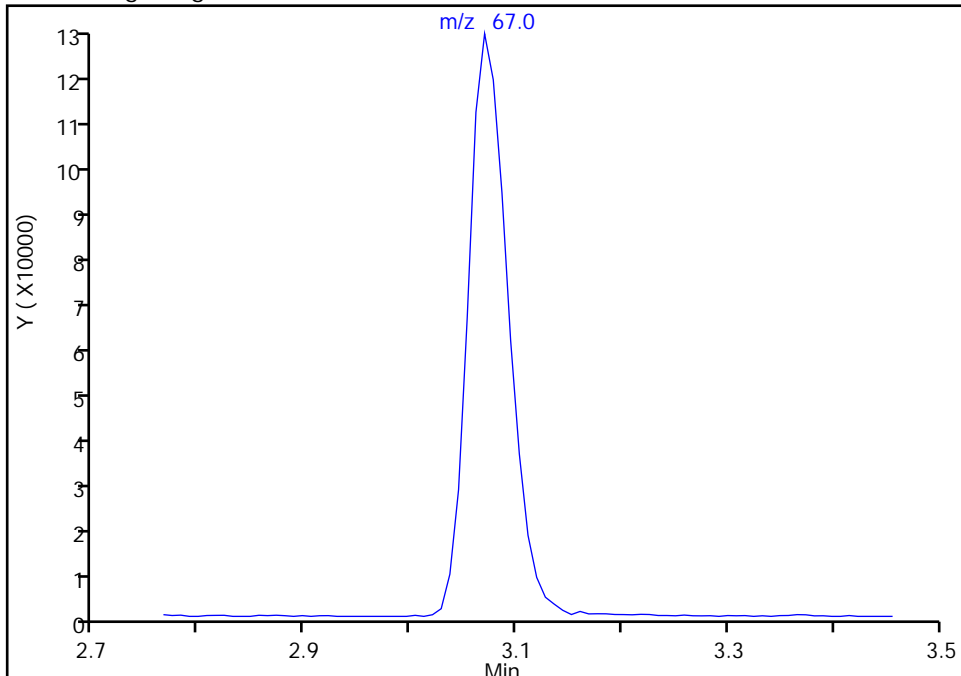
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Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

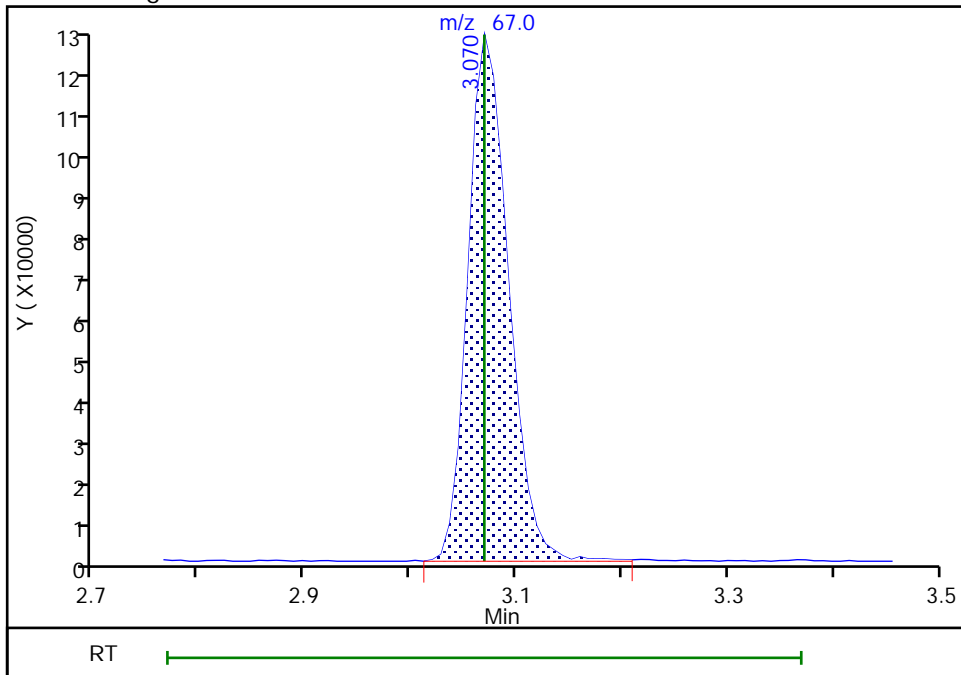
Not Detected
Expected RT: 3.07

Processing Integration Results



RT: 3.07
Area: 335759
Amount: 46.710035
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:17:02
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

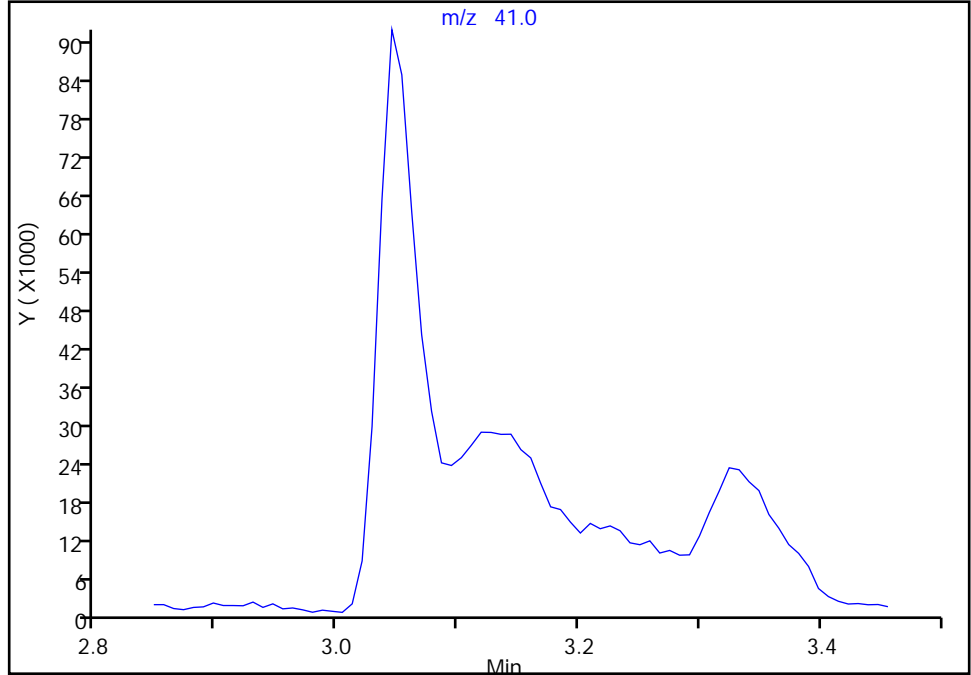
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Injection Date: 26-Jul-2020 00:30:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

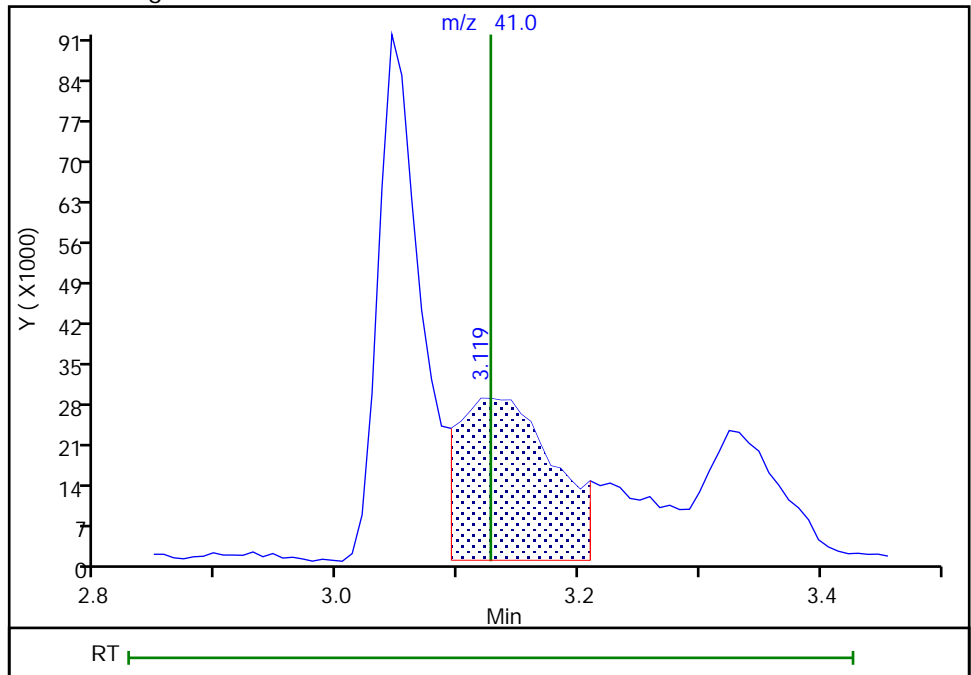
Not Detected
Expected RT: 3.13

Processing Integration Results



RT: 3.12
Area: 160933
Amount: 567.5518
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:16:55
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

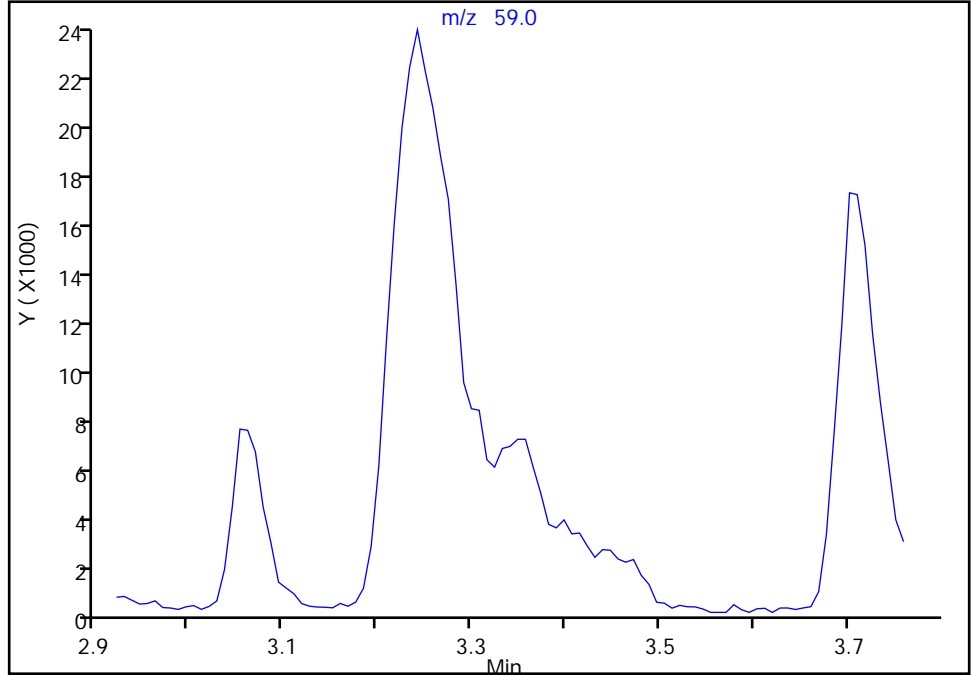
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Injection Date: 26-Jul-2020 00:30:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

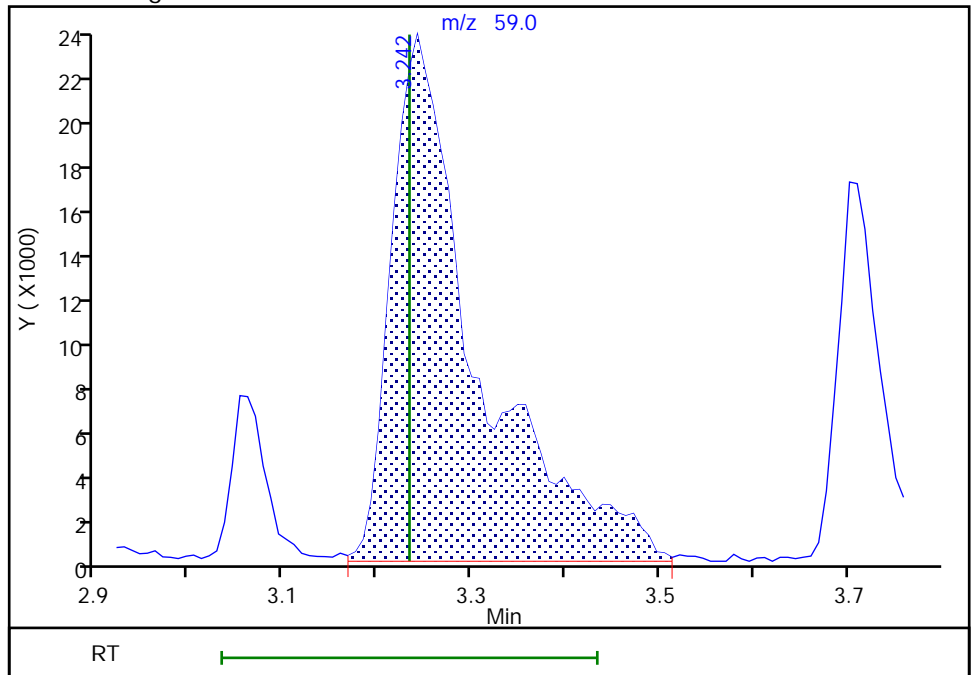
Not Detected
Expected RT: 3.23

Processing Integration Results



Manual Integration Results

RT: 3.24
Area: 149887
Amount: 602.4090
Amount Units: ug/l



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99068.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 26-Jul-2020 00:54:30 ALS Bottle#: 8 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0113918-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:10:43 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:16:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.451	1.451	0.000	90	62382	200.0	236.8	
3 Chlorotrifluoroethene	116	1.558	1.549	0.009	87	278034	200.0	210.9	
2 1,1-Difluoroethane	51	1.558	1.566	-0.008	96	703498	200.0	246.6	
4 Dichlorodifluoromethane	85	1.582	1.582	0.000	92	910257	200.0	233.5	
5 Chlorodifluoromethane	51	1.599	1.599	0.000	97	805772	200.0	242.8	
6 Chloromethane	50	1.755	1.755	0.000	99	968300	200.0	220.9	
7 Butadiene	54	1.837	1.837	0.000	95	838265	200.0	232.5	
8 Vinyl chloride	62	1.845	1.845	0.000	98	1024110	200.0	235.2	
9 Bromomethane	94	2.116	2.116	0.000	99	820650	200.0	236.6	
10 Chloroethane	64	2.166	2.166	0.000	99	633235	200.0	221.9	
11 Dichlorofluoromethane	67	2.346	2.346	0.000	99	1307149	200.0	239.3	
12 Trichlorofluoromethane	101	2.363	2.363	0.000	98	1061746	200.0	237.7	
13 Pentane	72	2.379	2.363	0.016	96	224178	400.0	432.2	
15 Ethyl ether	59	2.544	2.544	0.000	94	439766	200.0	232.9	
14 Ethanol	46	2.544	2.544	0.000	66	79345	8000.0	8018.4	
16 2-Methyl-1,3-butadiene	53	2.560	2.560	0.000	93	501235	200.0	235.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.601	2.609	-0.008	85	561194	200.0	235.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.659	2.659	0.000	89	891399	200.0	241.0	a
19 Acrolein	56	2.708	2.708	0.000	34	29941	200.0	212.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	97	605083	200.0	230.2	
21 1,1-Dichloroethene	96	2.765	2.765	0.000	98	642490	200.0	236.2	
22 Acetone	43	2.831	2.839	-0.008	88	895162	1000.0	904.0	
23 Iodomethane	142	2.913	2.913	0.000	97	1204173	200.0	238.2	
24 Isopropyl alcohol	45	2.913	2.922	-0.009	31	175507	2000.0	1873.9	a
25 Carbon disulfide	76	2.954	2.963	-0.009	98	2493343	200.0	234.9	
26 3-Chloro-1-propene	41	3.045	3.045	0.000	97	987230	200.0	215.8	
27 Methyl acetate	43	3.061	3.061	0.000	98	885803	400.0	443.1	
28 Cyclopentene	67	3.069	3.069	0.000	93	1465643	200.0	230.3	a
29 Acetonitrile	41	3.111	3.127	-0.016	85	525045	2000.0	1961.3	Ma
* 31 TBA-d9 (IS)	65	3.176	3.168	0.008	0	265830	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	3.184	3.176	0.008	87	742686	200.0	222.6	
32 2-Methyl-2-propanol	59	3.242	3.234	0.008	98	523054	2000.0	2226.7	a
33 Methyl tert-butyl ether	73	3.324	3.324	0.000	97	1508581	200.0	223.6	
34 trans-1,2-Dichloroethene	96	3.349	3.349	0.000	92	630935	200.0	220.9	
35 Acrylonitrile	53	3.423	3.423	0.000	95	2476045	2000.0	2050.3	
36 Hexane	43	3.497	3.505	-0.008	88	384734	200.0	206.7	
37 Isopropyl ether	45	3.710	3.710	0.000	95	1603005	200.0	218.7	
38 1,1-Dichloroethane	63	3.735	3.743	-0.008	99	1016986	200.0	221.0	
39 Vinyl acetate	86	3.751	3.751	0.000	99	272552	400.0	503.2	
40 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	87	543711	200.0	222.5	
41 Tert-butyl ethyl ether	59	4.023	4.014	0.009	91	1526181	200.0	227.1	
* 42 2-Butanone-d5	46	4.212	4.212	0.000	0	328085	250.0	250.0	
43 2,2-Dichloropropane	97	4.236	4.236	0.000	90	192890	200.0	241.9	
44 cis-1,2-Dichloroethene	96	4.244	4.244	0.000	99	695009	200.0	227.8	
45 Ethyl acetate	70	4.269	4.269	0.000	97	148555	400.0	393.5	
46 2-Butanone (MEK)	72	4.261	4.269	-0.008	98	421656	1000.0	1004.6	
47 Methyl acrylate	55	4.318	4.318	0.000	99	525514	200.0	200.0	
48 Propionitrile	54	4.392	4.392	0.000	98	939851	2000.0	2169.3	
49 Tetrahydrofuran	72	4.466	4.466	0.000	75	186025	400.0	372.8	
50 Chlorobromomethane	128	4.466	4.466	0.000	83	353565	200.0	244.5	
51 Methacrylonitrile	67	4.491	4.491	0.000	88	2950859	2000.0	2450.3	
52 Chloroform	83	4.516	4.516	0.000	99	984121	200.0	214.5	
53 Cyclohexane	84	4.655	4.655	0.000	87	1032748	200.0	238.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.672	0.000	43	137210	50.0	54.6	
54 1,1,1-Trichloroethane	97	4.672	4.672	0.000	97	942172	200.0	232.4	
56 Carbon tetrachloride	117	4.787	4.787	0.000	98	783262	200.0	234.2	
57 1,1-Dichloropropene	75	4.811	4.811	0.000	98	779789	200.0	229.8	
58 Isobutyl alcohol	43	4.926	4.926	0.000	97	337327	5000.0	4645.9	
59 Benzene	78	5.009	5.009	0.000	96	2467919	200.0	205.9	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.017	0.000	0	169130	50.0	57.7	
61 Isopropyl acetate	43	5.058	5.058	0.000	96	1576833	200.0	240.6	
62 Tert-amyl methyl ether	73	5.066	5.066	0.000	90	1723670	200.0	241.8	
63 1,2-Dichloroethane	62	5.091	5.091	0.000	97	766839	200.0	233.5	
64 n-Heptane	57	5.157	5.157	0.000	87	359817	200.0	216.4	
* 65 Fluorobenzene	96	5.288	5.288	0.000	99	480532	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	87	312971	5000.0	4968.7	
67 Trichloroethene	95	5.633	5.633	0.000	98	591183	200.0	229.3	
68 Ethyl acrylate	55	5.756	5.756	0.000	99	1531781	200.0	256.3	
69 Methylcyclohexane	83	5.765	5.765	0.000	85	1132532	200.0	251.8	
70 1,2-Dichloropropane	63	5.921	5.921	0.000	91	600744	200.0	234.7	
* 71 1,4-Dioxane-d8	96	5.978	5.970	0.008	0	28455	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	5.995	0.008	82	379987	400.0	506.2	
73 1,4-Dioxane	88	6.044	6.028	0.016	31	92401	4000.0	3600.2	
75 Dibromomethane	93	6.052	6.044	0.008	97	399414	200.0	228.4	
74 n-Propyl acetate	43	6.052	6.052	0.000	97	811518	200.0	245.4	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	831395	200.0	238.4	
77 2-Nitropropane	41	6.537	6.529	0.008	80	317719	400.0	454.7	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	75	378174	200.5	210.5	
79 Epichlorohydrin	57	6.644	6.636	0.008	98	1301495	4000.0	4046.3	
80 cis-1,3-Dichloropropene	75	6.693	6.693	0.000	89	1077060	200.0	216.4	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.857	0.009	94	3125805	1000.0	1061.8	
\$ 82 Toluene-d8 (Surr)	98	6.940	6.940	0.000	99	618138	50.0	51.6	

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	7.014	0.008	92	2933170	200.0	210.3	
84 trans-1,3-Dichloropropene	75	7.359	7.359	0.000	95	955958	200.0	227.9	
85 Ethyl methacrylate	69	7.400	7.392	0.008	87	905015	200.0	231.5	
86 1,1,2-Trichloroethane	83	7.581	7.572	0.009	96	493844	200.0	211.4	
87 Tetrachloroethene	166	7.622	7.622	0.000	96	648701	200.0	211.6	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	90	1011682	200.0	216.1	
89 2-Hexanone	43	7.852	7.852	0.000	94	1946062	1000.0	1084.5	
90 n-Butyl acetate	43	7.967	7.967	0.000	97	898458	200.0	213.5	
91 Chlorodibromomethane	129	8.016	8.008	0.008	98	659867	200.0	217.1	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	594519	200.0	216.2	
* 93 Chlorobenzene-d5	117	8.723	8.714	0.009	84	436903	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	1719638	200.0	198.4	
95 Ethylbenzene	106	8.862	8.862	0.000	98	976348	200.0	203.1	
96 1,1,1,2-Tetrachloroethane	131	8.871	8.871	0.000	96	648181	200.0	205.3	
97 m-Xylene & p-Xylene	106	9.018	9.018	0.000	0	1196021	200.0	209.1	
98 n-Butyl acrylate	73	9.470	9.470	0.000	98	580575	200.0	232.3	
99 o-Xylene	106	9.479	9.479	0.000	94	1369384	200.0	222.1	
100 Styrene	104	9.512	9.512	0.000	97	2128751	200.0	224.7	
101 Amyl acetate (mixed isomers)	43	9.700	9.700	0.000	92	1166247	200.0	197.7	
102 Bromoform	173	9.709	9.709	0.000	97	446568	200.0	213.0	
103 Isopropylbenzene	105	9.832	9.832	0.000	95	3542661	200.0	236.2	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	89	169642	50.0	49.2	
105 Bromobenzene	156	10.136	10.128	0.008	97	750976	200.0	202.2	
106 1,1,2,2-Tetrachloroethane	83	10.169	10.169	0.000	98	775892	200.0	199.1	
107 N-Propylbenzene	91	10.202	10.194	0.008	99	4081322	200.0	220.5	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	99	244383	200.0	196.6	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.226	0.009	77	191109	200.0	194.0	a
110 2-Chlorotoluene	91	10.284	10.284	0.000	96	2745050	200.0	210.2	
111 4-Ethyltoluene	105	10.292	10.292	0.000	98	3364224	200.0	213.5	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	93	2923198	200.0	199.0	
113 4-Chlorotoluene	91	10.382	10.382	0.000	97	2392603	200.0	210.8	
114 Butyl Methacrylate	87	10.432	10.432	0.000	86	1065675	200.0	198.8	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	2470195	200.0	199.7	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	96	3221225	200.0	225.1	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	4082856	200.0	236.8	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	85	1673017	200.0	202.4	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	98	3675779	200.0	237.1	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	94	261026	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.917	10.917	0.000	97	1556454	200.0	194.3	
122 1,2,3-Trimethylbenzene	105	10.933	10.933	0.000	99	3240102	200.0	214.6	
123 Benzyl chloride	91	11.023	11.023	0.000	99	1502189	200.0	206.7	
124 2,3-Dihydroindene	117	11.073	11.065	0.009	94	3338475	200.0	216.7	
125 p-Diethylbenzene	119	11.106	11.106	0.000	94	1786641	200.0	206.4	
126 n-Butylbenzene	92	11.122	11.122	0.000	96	1748910	200.0	201.7	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	98	1707403	200.0	200.0	
128 1,2,4,5-Tetramethylbenzene	119	11.590	11.590	0.000	97	3605282	200.0	241.6	
129 1,2-Dibromo-3-Chloropropane	157	11.664	11.664	0.000	94	211513	200.0	216.9	
130 1,3,5-Trichlorobenzene	180	11.747	11.747	0.000	97	1366205	200.0	209.0	
131 1,2,4-Trichlorobenzene	180	12.141	12.141	0.000	93	1274253	200.0	204.8	
132 Hexachlorobutadiene	225	12.207	12.207	0.000	96	508912	200.0	206.6	
133 Naphthalene	128	12.305	12.305	0.000	99	3573763	200.0	221.4	
134 1,2,3-Trichlorobenzene	180	12.470	12.470	0.000	96	1204746	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	448.7	
S 136 Xylenes, Total	100				0		400.0	431.1	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonHi_00021	Amount Added: 20.00	Units: uL	
ACROLEIN W_00109	Amount Added: 20.00	Units: uL	
GAS Hi_00367	Amount Added: 20.00	Units: uL	
MIX I Hi_00127	Amount Added: 20.00	Units: uL	
Ethanol mix_00042	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00101	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99068.D

Injection Date: 26-Jul-2020 00:54:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

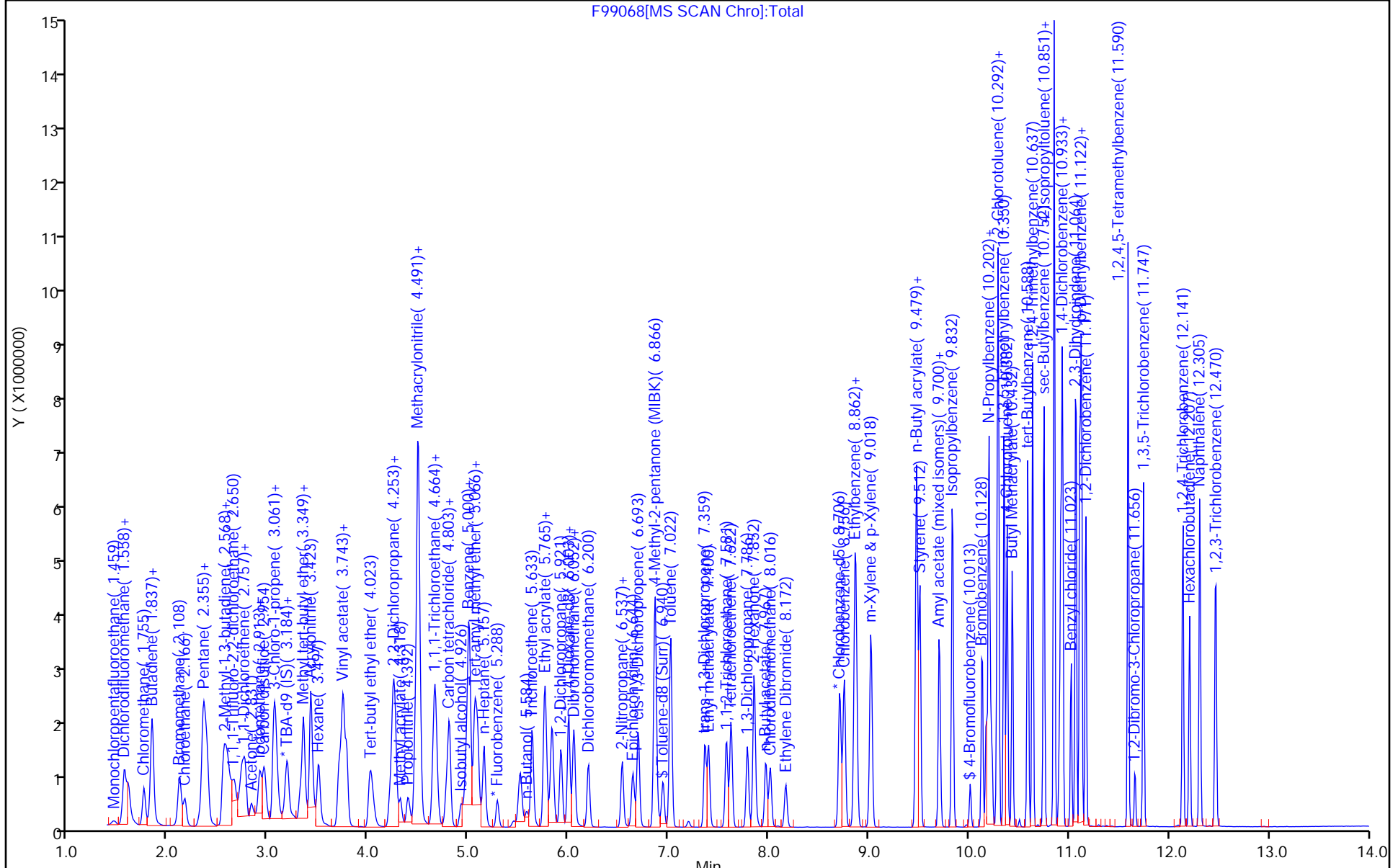
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

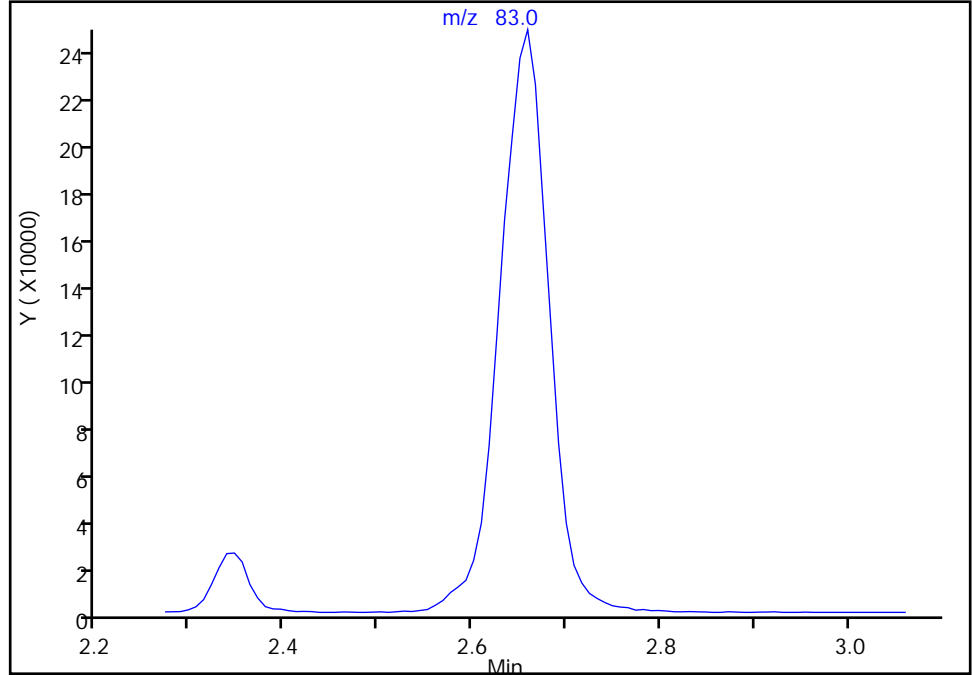
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Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

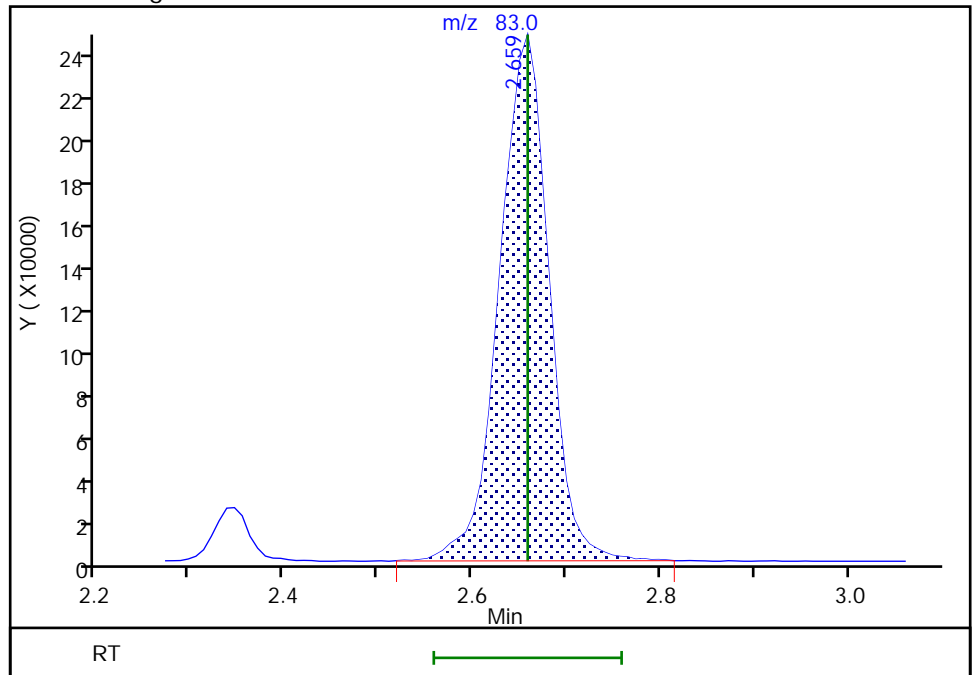
Not Detected
Expected RT: 2.66

Processing Integration Results



RT: 2.66
Area: 891399
Amount: 241.0257
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99068.D
Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

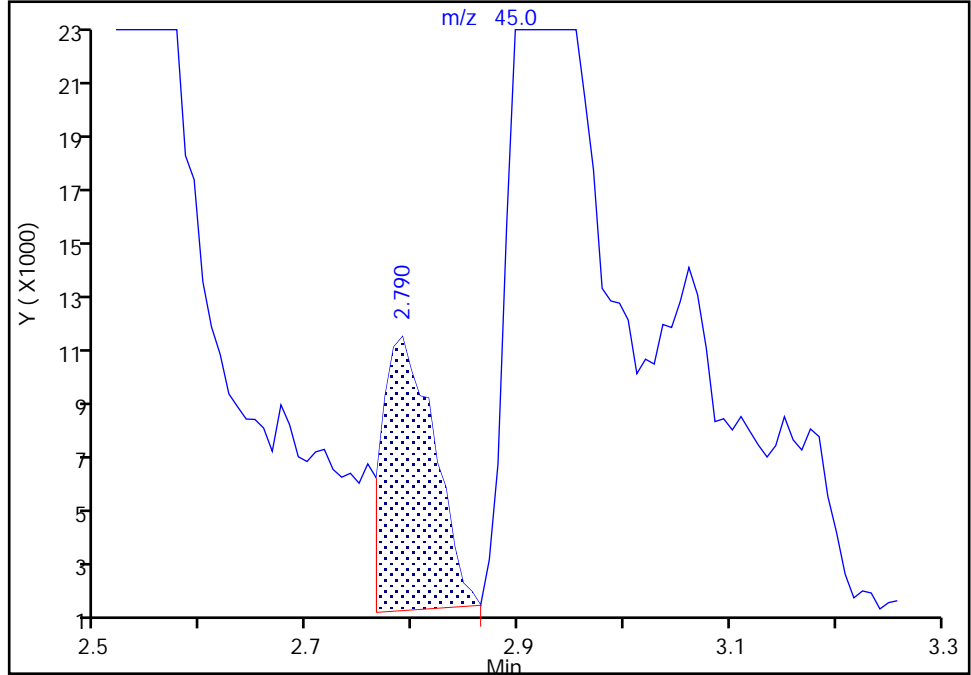
ALS Bottle#: 8 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

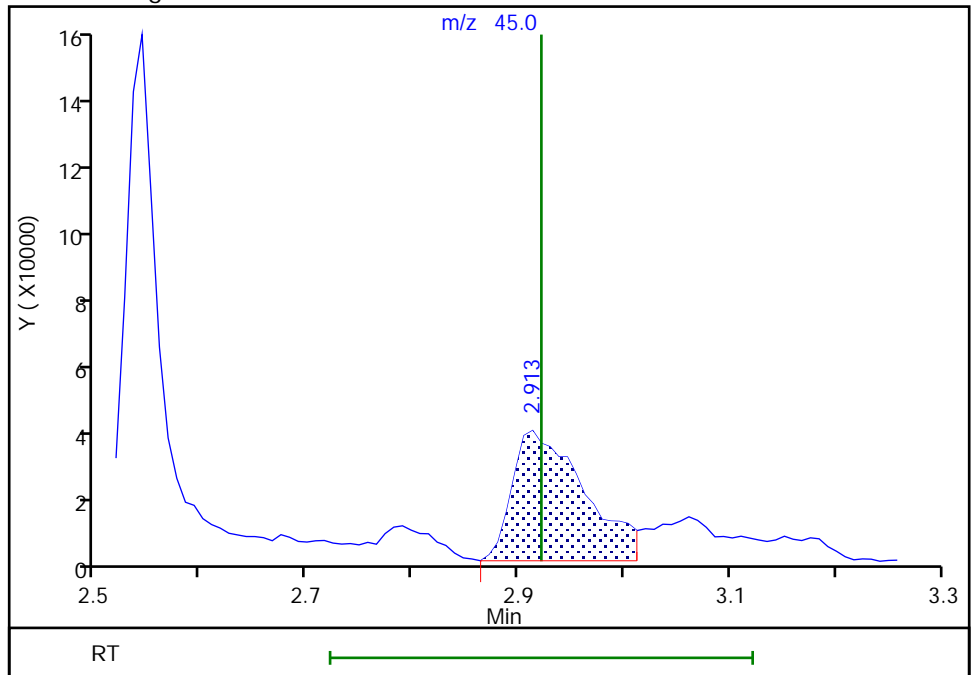
RT: 2.79
Area: 34909
Amount: 406.0275
Amount Units: ug/l

Processing Integration Results



RT: 2.91
Area: 175507
Amount: 1873.8771
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:14:17
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

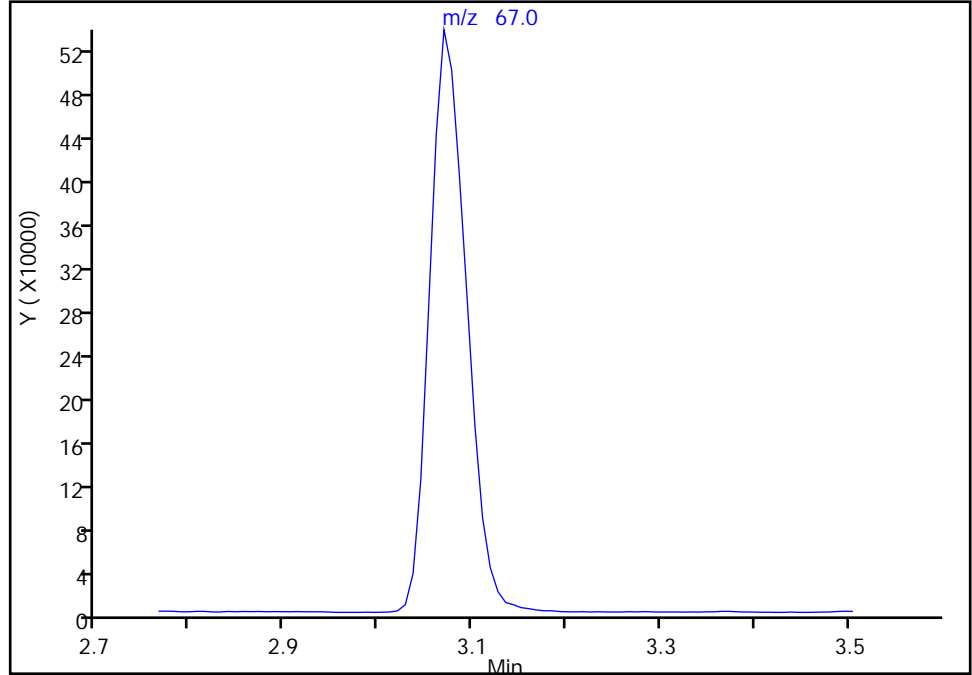
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Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

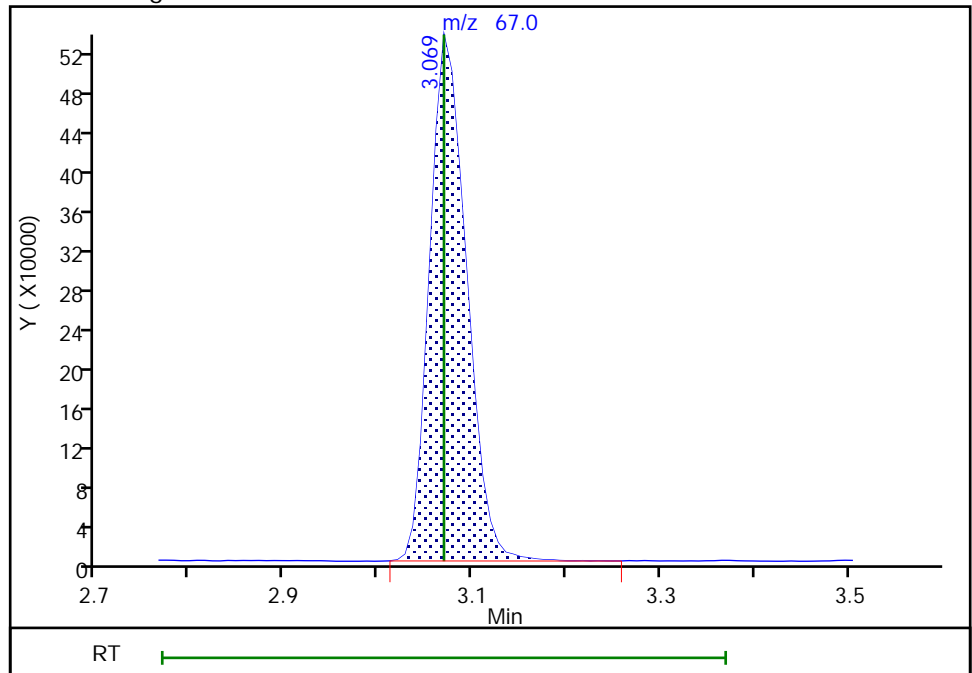
Not Detected
Expected RT: 3.07

Processing Integration Results



RT: 3.07
Area: 1465643
Amount: 230.3118
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

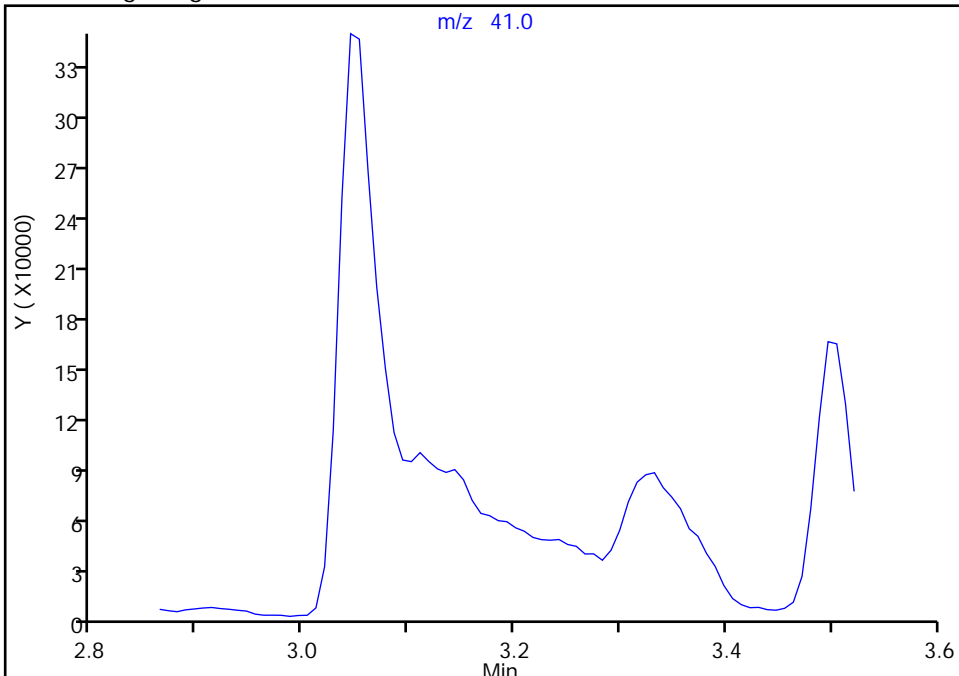
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Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

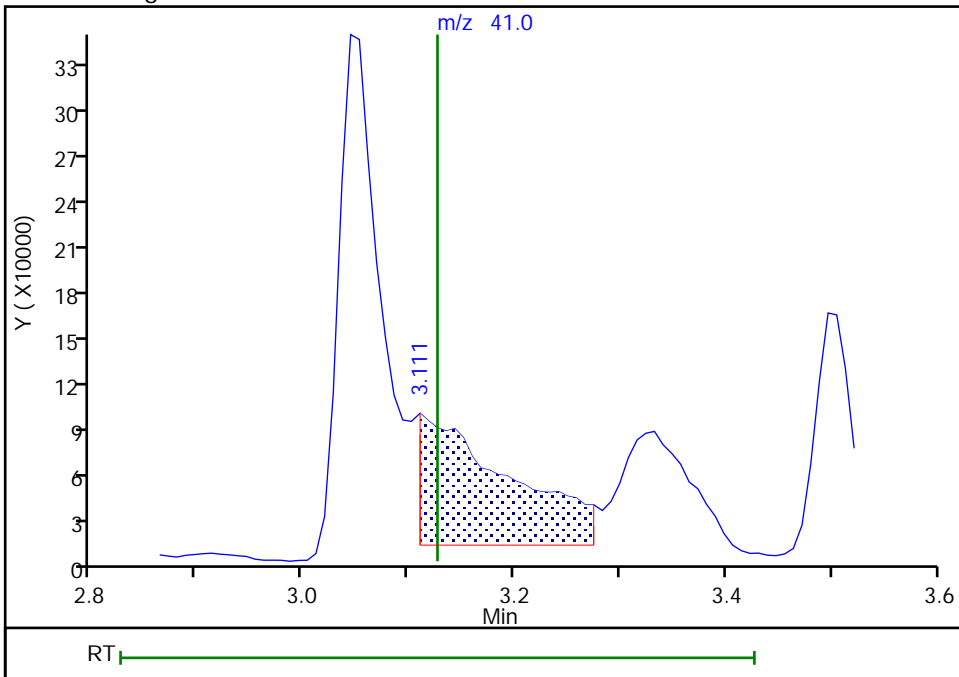
Not Detected
Expected RT: 3.13

Processing Integration Results



RT: 3.11
Area: 525045
Amount: 1961.3064
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:41:10
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

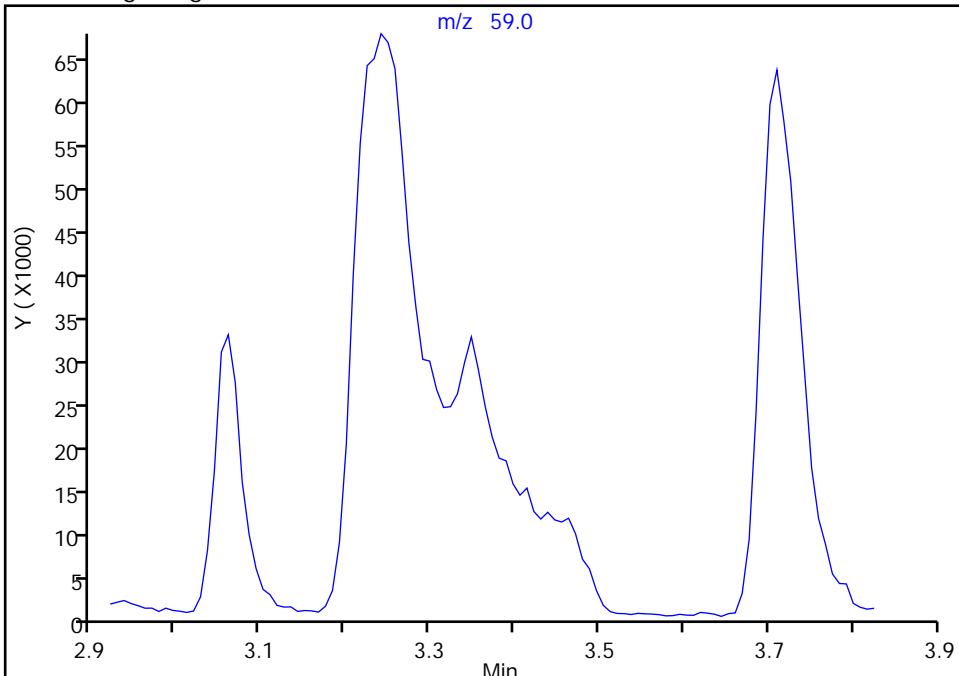
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Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

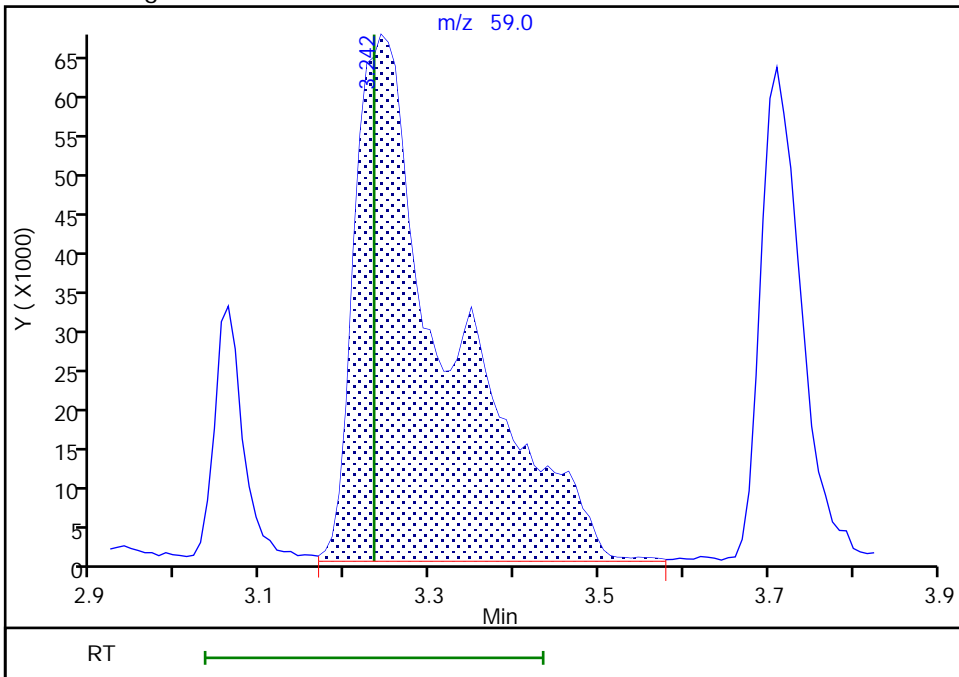
Not Detected
Expected RT: 3.23

Processing Integration Results



Manual Integration Results

RT: 3.24
Area: 523054
Amount: 2226.7043
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:15:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

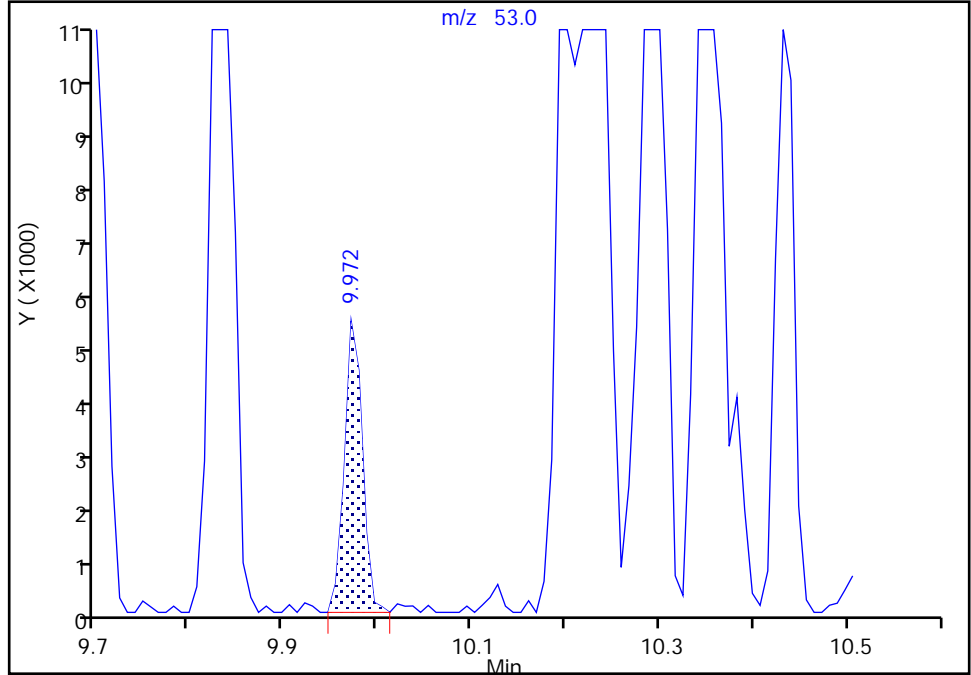
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Injection Date: 26-Jul-2020 00:54:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

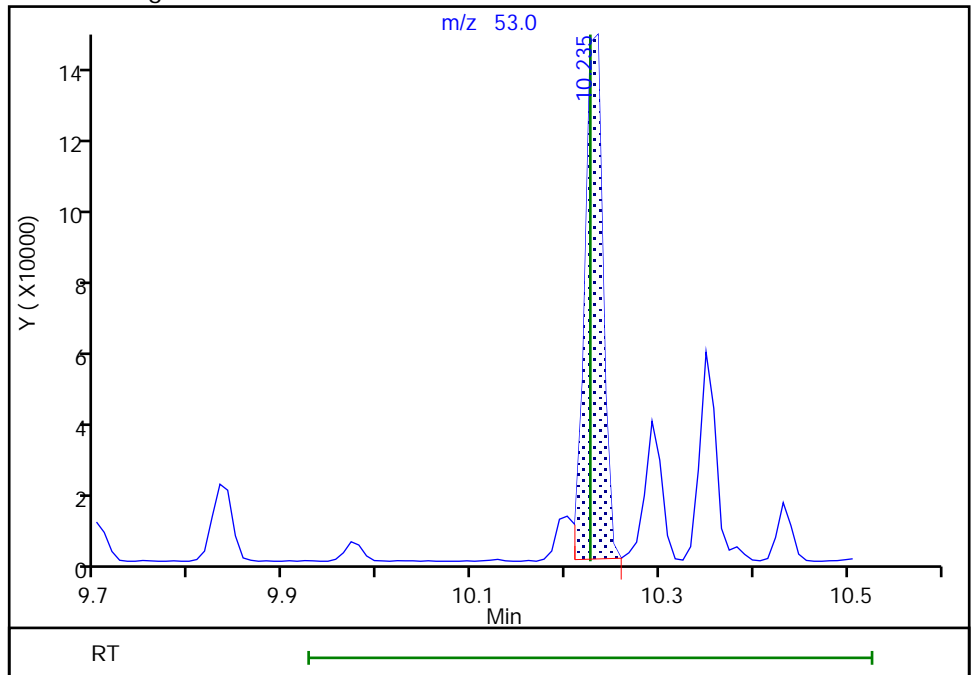
RT: 9.97
Area: 6995
Amount: 8.413233
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 191109
Amount: 194.0475
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:15:38
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 26-Jul-2020 01:19:30 ALS Bottle#: 9 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0113918-009
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:10:57 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 12:13:25

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	1.451	0.016	87	158008	500.0	466.7	
3 Chlorotrifluoroethene	116	1.558	1.549	0.009	86	689689	500.0	497.4	
2 1,1-Difluoroethane	51	1.566	1.566	0.000	96	1578456	500.0	430.5	
4 Dichlorodifluoromethane	85	1.591	1.582	0.009	99	2395442	500.0	478.1	
5 Chlorodifluoromethane	51	1.607	1.599	0.008	97	2164371	500.0	507.6	
6 Chloromethane	50	1.763	1.755	0.008	99	2609434	500.0	463.2	
7 Butadiene	54	1.837	1.837	0.000	93	2220643	500.0	479.2	
8 Vinyl chloride	62	1.845	1.845	0.000	98	2723553	500.0	486.8	
9 Bromomethane	94	2.116	2.116	0.000	99	2313588	500.0	519.1	
10 Chloroethane	64	2.166	2.166	0.000	98	1706065	500.0	465.3	
11 Dichlorofluoromethane	67	2.347	2.346	0.001	99	3492581	500.0	497.5	
12 Trichlorofluoromethane	101	2.363	2.363	0.000	96	2773304	500.0	483.2	
13 Pentane	72	2.388	2.363	0.025	96	549699	1000.0	926.8	
15 Ethyl ether	59	2.544	2.544	0.000	94	1022602	500.0	421.4	
14 Ethanol	46	2.585	2.544	0.041	75	189940	20000	19995	
16 2-Methyl-1,3-butadiene	53	2.568	2.560	0.008	94	1228633	500.0	449.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.609	2.609	0.000	87	1314084	500.0	429.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.659	2.659	0.000	94	2057843	500.0	433.0	a
19 Acrolein	56	2.716	2.708	0.008	51	65590	400.0	407.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	98	1422607	500.0	421.1	
21 1,1-Dichloroethene	96	2.766	2.765	0.001	98	1519347	500.0	434.7	
22 Acetone	43	2.840	2.839	0.001	87	2232181	2500.0	1994.2	
23 Iodomethane	142	2.913	2.913	0.000	97	2926831	500.0	450.6	
24 Isopropyl alcohol	45	2.913	2.922	-0.009	96	574344	5000.0	5362.6	M
25 Carbon disulfide	76	2.963	2.963	0.000	99	5972057	500.0	437.8	
26 3-Chloro-1-propene	41	3.053	3.045	0.008	96	2927883	500.0	498.1	
27 Methyl acetate	43	3.061	3.061	0.000	98	2146657	1000.0	835.6	
28 Cyclopentene	67	3.078	3.069	0.009	94	3606418	500.0	441.0	
29 Acetonitrile	41	3.185	3.127	0.058	93	1254542	5000.0	4098.2	
* 31 TBA-d9 (IS)	65	3.218	3.168	0.050	0	303979	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	3.176	0.017	89	1762384	500.0	411.1	
32 2-Methyl-2-propanol	59	3.291	3.234	0.057	34	1369709	5000.0	5099.2	a
33 Methyl tert-butyl ether	73	3.333	3.324	0.009	97	3693039	500.0	425.9	
34 trans-1,2-Dichloroethene	96	3.357	3.349	0.008	93	1566289	500.0	426.8	
35 Acrylonitrile	53	3.431	3.423	0.008	95	6593174	5000.0	4989.7	
36 Hexane	43	3.505	3.505	0.000	90	963816	500.0	498.4	
37 Isopropyl ether	45	3.719	3.710	0.009	94	4092764	500.0	434.5	
38 1,1-Dichloroethane	63	3.743	3.743	0.000	99	2671798	500.0	451.9	
39 Vinyl acetate	86	3.760	3.751	0.009	99	764196	1000.0	1098.0	
40 2-Chloro-1,3-butadiene	88	3.784	3.784	0.000	88	1415149	500.0	450.6	
41 Tert-butyl ethyl ether	59	4.023	4.014	0.009	90	3808902	500.0	441.0	
* 42 2-Butanone-d5	46	4.212	4.212	0.000	0	370868	250.0	250.0	a
43 2,2-Dichloropropane	97	4.245	4.236	0.009	93	514183	500.0	501.8	
44 cis-1,2-Dichloroethene	96	4.253	4.244	0.009	99	1808875	500.0	461.4	
45 Ethyl acetate	70	4.269	4.269	0.000	95	381254	1000.0	893.4	
46 2-Butanone (MEK)	72	4.269	4.269	0.000	96	1106937	2500.0	2333.1	
47 Methyl acrylate	55	4.319	4.318	0.001	99	1383801	500.0	500.0	
48 Propionitrile	54	4.401	4.392	0.009	98	2449738	5000.0	4944.8	
49 Tetrahydrofuran	72	4.475	4.466	0.009	73	499756	1000.0	886.0	
50 Chlorobromomethane	128	4.475	4.466	0.009	87	927425	500.0	499.0	
51 Methacrylonitrile	67	4.499	4.491	0.008	88	8297937	5000.0	5361.8	
52 Chloroform	83	4.524	4.516	0.008	99	2661569	500.0	451.4	
53 Cyclohexane	84	4.664	4.655	0.009	86	2737708	500.0	492.6	
\$ 55 Dibromofluoromethane (Surr)	113	4.672	4.672	0.000	34	152085	50.0	47.1	
54 1,1,1-Trichloroethane	97	4.672	4.672	0.000	98	2518529	500.0	483.4	
56 Carbon tetrachloride	117	4.795	4.787	0.008	98	2175168	500.0	506.1	
57 1,1-Dichloropropene	75	4.812	4.811	0.001	99	2050044	500.0	470.1	
58 Isobutyl alcohol	43	4.935	4.926	0.009	96	995005	12500	11984	
59 Benzene	78	5.009	5.009	0.000	94	6840958	500.0	470.8	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.025	5.017	0.008	0	186206	50.0	49.4	
61 Isopropyl acetate	43	5.066	5.058	0.008	96	3940551	500.0	467.8	
62 Tert-amyl methyl ether	73	5.075	5.066	0.009	89	4520112	500.0	493.5	
63 1,2-Dichloroethane	62	5.099	5.091	0.008	97	1970845	500.0	467.0	
64 n-Heptane	57	5.157	5.157	0.000	88	1000556	500.0	468.2	
* 65 Fluorobenzene	96	5.288	5.288	0.000	99	617513	50.0	50.0	
66 n-Butanol	56	5.584	5.584	0.000	83	945655	12500	12504	
67 Trichloroethene	95	5.642	5.633	0.009	96	1623229	500.0	489.9	
68 Ethyl acrylate	55	5.765	5.756	0.009	98	4110678	500.0	535.3	
69 Methylcyclohexane	83	5.773	5.765	0.008	84	3089037	500.0	534.4	
70 1,2-Dichloropropane	63	5.929	5.921	0.008	93	1611023	500.0	489.8	
* 71 1,4-Dioxane-d8	96	5.995	5.970	0.025	0	24755	1000.0	1000.0	Ma
72 Methyl methacrylate	100	6.003	5.995	0.008	83	1045400	1000.0	1083.7	
73 1,4-Dioxane	88	6.052	6.028	0.024	28	237486	10000	10636	
75 Dibromomethane	93	6.052	6.044	0.008	70	1052092	500.0	468.2	
74 n-Propyl acetate	43	6.061	6.052	0.009	96	2080774	500.0	489.7	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	2170432	500.0	484.4	
77 2-Nitropropane	41	6.537	6.529	0.008	79	829397	1000.0	923.7	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	74	1021130	501.2	499.4	
79 Epichlorohydrin	57	6.652	6.636	0.016	98	3540629	10000	9993.4	
80 cis-1,3-Dichloropropene	75	6.701	6.693	0.008	87	2822197	500.0	467.7	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.857	0.009	94	8485086	2500.0	2549.9	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.940	0.008	98	643905	50.0	44.3	

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	7.014	0.008	92	7842502	500.0	463.9	
84 trans-1,3-Dichloropropene	75	7.367	7.359	0.008	95	2537017	500.0	498.9	
85 Ethyl methacrylate	69	7.400	7.392	0.008	86	2427249	500.0	512.2	
86 1,1,2-Trichloroethane	83	7.581	7.572	0.009	96	1310262	500.0	462.7	
87 Tetrachloroethene	166	7.630	7.622	0.008	96	1685484	500.0	453.6	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	90	2769742	500.0	488.2	
89 2-Hexanone	43	7.860	7.852	0.008	93	5566631	2500.0	2744.2	
90 n-Butyl acetate	43	7.975	7.967	0.008	97	2519107	500.0	493.8	
91 Chlorodibromomethane	129	8.016	8.008	0.008	98	1824332	500.0	495.3	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	1658314	500.0	497.6	
* 93 Chlorobenzene-d5	117	8.723	8.714	0.009	87	529565	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	5223345	500.0	497.2	
95 Ethylbenzene	106	8.871	8.862	0.009	97	2997224	500.0	514.4	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.871	0.008	96	1920884	500.0	502.0	
97 m-Xylene & p-Xylene	106	9.027	9.018	0.009	0	3568020	500.0	514.5	
98 n-Butyl acrylate	73	9.471	9.470	0.001	98	1672581	500.0	552.2	
99 o-Xylene	106	9.487	9.479	0.008	94	3946078	500.0	527.9	
100 Styrene	104	9.512	9.512	0.000	98	6212070	500.0	540.9	
101 Amyl acetate (mixed isomers)	43	9.701	9.700	0.001	92	3380272	500.0	500.3	
102 Bromoform	173	9.717	9.709	0.008	97	1307278	500.0	514.5	
103 Isopropylbenzene	105	9.840	9.832	0.008	94	9920953	500.0	545.8	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	89	203937	50.0	48.8	
105 Bromobenzene	156	10.136	10.128	0.008	97	2221795	500.0	552.3	
106 1,1,2,2-Tetrachloroethane	83	10.177	10.169	0.008	98	2326939	500.0	551.4	
107 N-Propylbenzene	91	10.202	10.194	0.008	99	11265448	500.0	562.0	
108 1,2,3-Trichloropropane	110	10.218	10.210	0.008	98	702746	500.0	522.0	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.226	0.009	83	529501	500.0	496.5	
110 2-Chlorotoluene	91	10.292	10.284	0.008	96	8468028	500.0	598.8	
111 4-Ethyltoluene	105	10.300	10.292	0.008	97	10146738	500.0	594.6	
112 1,3,5-Trimethylbenzene	105	10.358	10.350	0.008	94	8764178	500.0	500.1	
113 4-Chlorotoluene	91	10.383	10.382	0.001	96	6933422	500.0	564.1	
114 Butyl Methacrylate	87	10.440	10.432	0.008	83	3165495	500.0	500.1	
115 tert-Butylbenzene	119	10.588	10.588	0.000	95	7359124	500.0	500.0	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	95	8758832	500.0	565.2	
117 sec-Butylbenzene	105	10.752	10.752	0.000	97	10326028	500.0	552.9	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	97	9550777	500.0	568.8	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	96	4864599	500.0	543.3	
* 120 1,4-Dichlorobenzene-d4	152	10.909	10.900	0.009	90	282684	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.925	10.917	0.008	97	4779338	500.0	550.9	
122 1,2,3-Trimethylbenzene	105	10.941	10.933	0.008	96	9249689	500.0	565.6	
123 Benzyl chloride	91	11.024	11.023	0.001	99	4315131	500.0	548.4	
124 2,3-Dihydroindene	117	11.073	11.065	0.009	96	9032145	500.0	541.4	
125 p-Diethylbenzene	119	11.106	11.106	0.000	95	5484392	500.0	585.0	
126 n-Butylbenzene	92	11.122	11.122	0.000	98	5431721	500.0	578.4	
127 1,2-Dichlorobenzene	146	11.171	11.171	0.000	97	4968574	500.0	537.4	
128 1,2,4,5-Tetramethylbenzene	119	11.591	11.590	0.001	98	8878855	500.0	549.5	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.664	-0.008	93	544662	500.0	515.7	
130 1,3,5-Trichlorobenzene	180	11.738	11.747	-0.008	97	3748184	500.0	529.3	
131 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	93	3480935	500.0	516.5	
132 Hexachlorobutadiene	225	12.199	12.207	-0.008	96	1359162	500.0	509.6	
133 Naphthalene	128	12.305	12.305	0.000	99	9067070	500.0	518.6	
134 1,2,3-Trichlorobenzene	180	12.462	12.470	-0.008	96	3191463	500.0	504.4	

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	888.2	
S 136 Xylenes, Total	100				0		1000.0	1042.4	

QC Flag Legend

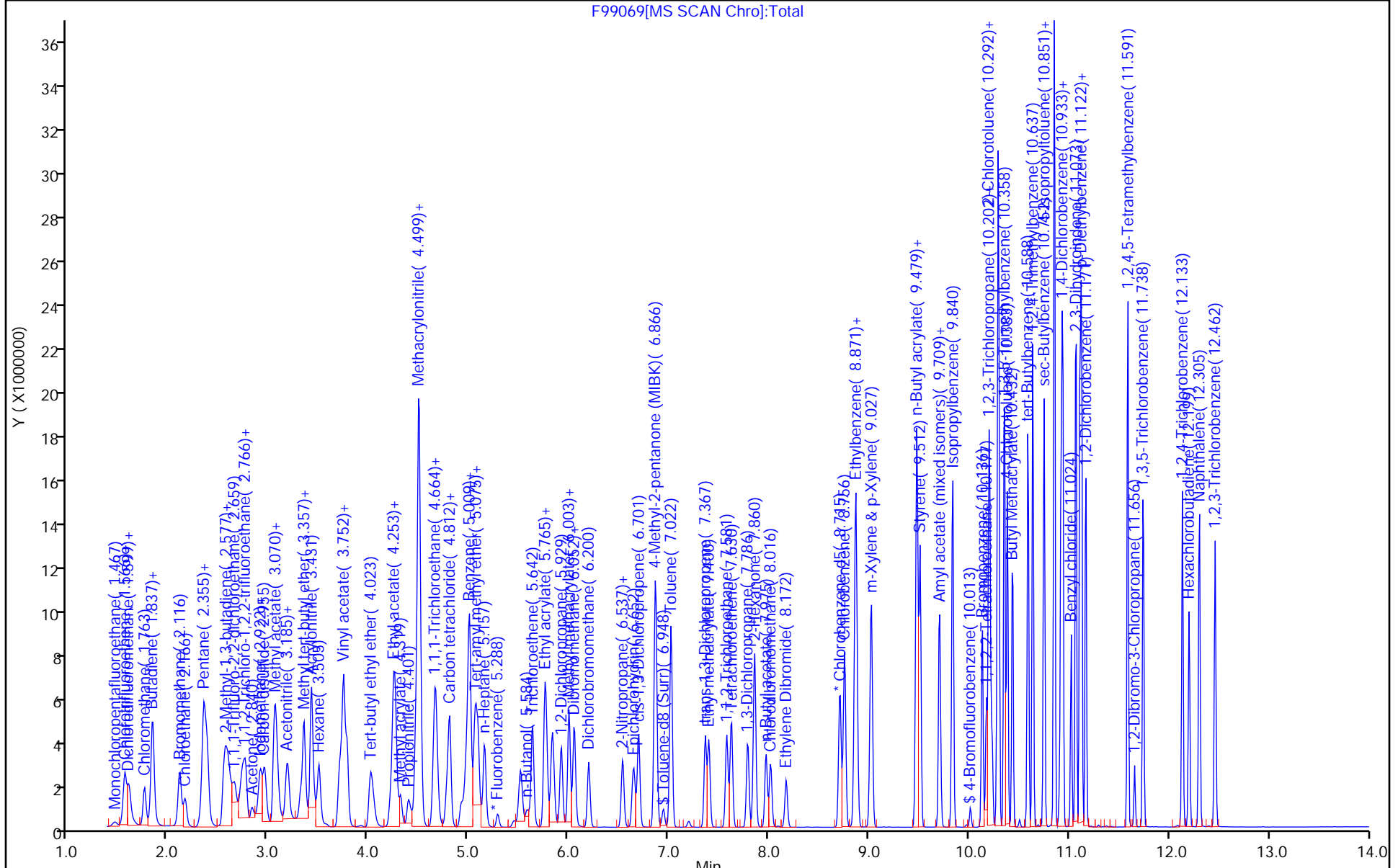
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8FreonHi_00021	Amount Added: 50.00	Units: uL	
ACROLEIN W_00109	Amount Added: 40.00	Units: uL	
GAS Hi_00367	Amount Added: 50.00	Units: uL	
MIX I Hi_00127	Amount Added: 50.00	Units: uL	
Ethanol mix_00042	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00101	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00036	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

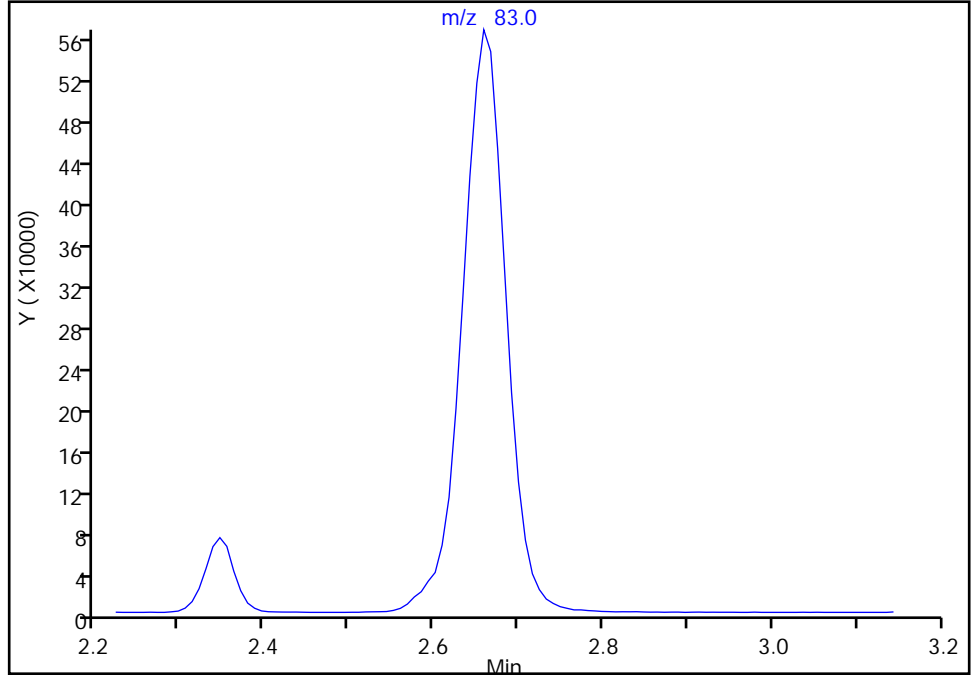
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Injection Date: 26-Jul-2020 01:19:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

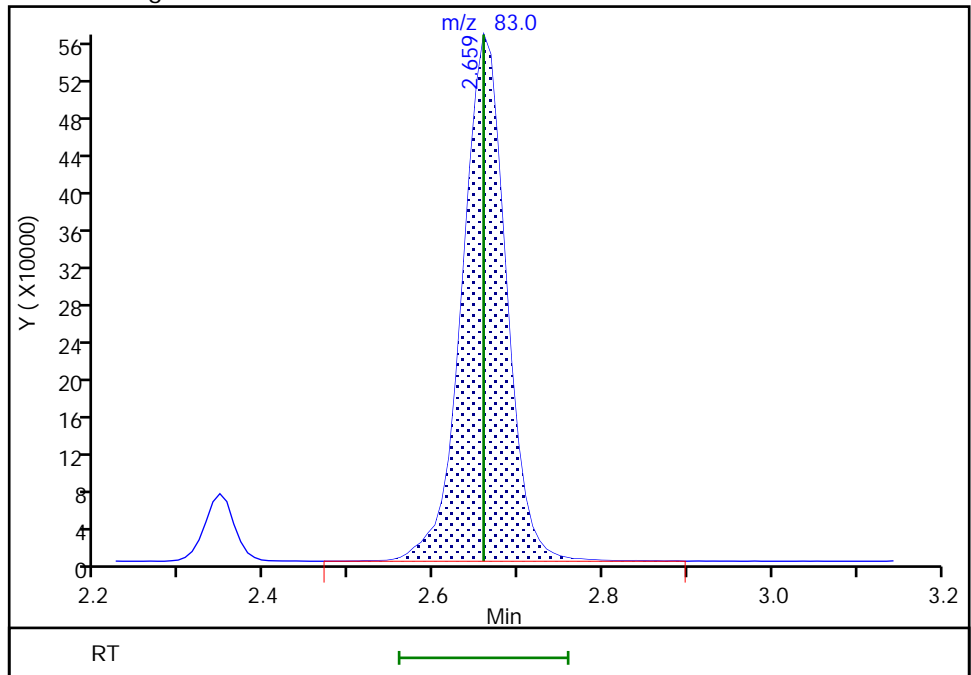
Not Detected
Expected RT: 2.66

Processing Integration Results



RT: 2.66
Area: 2057843
Amount: 432.9918
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:10:46
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

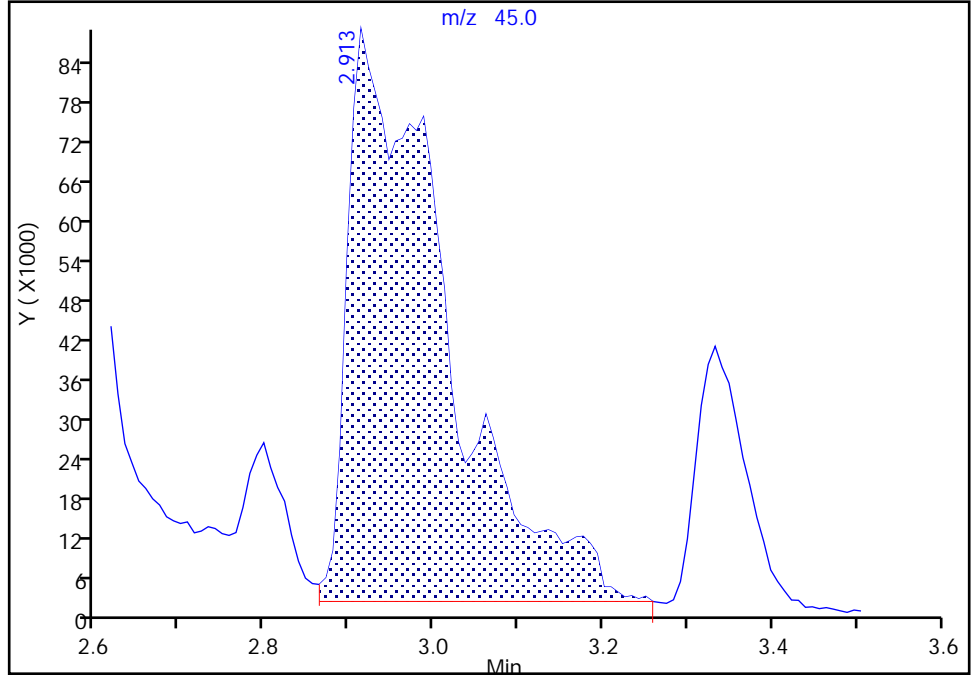
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Injection Date: 26-Jul-2020 01:19:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

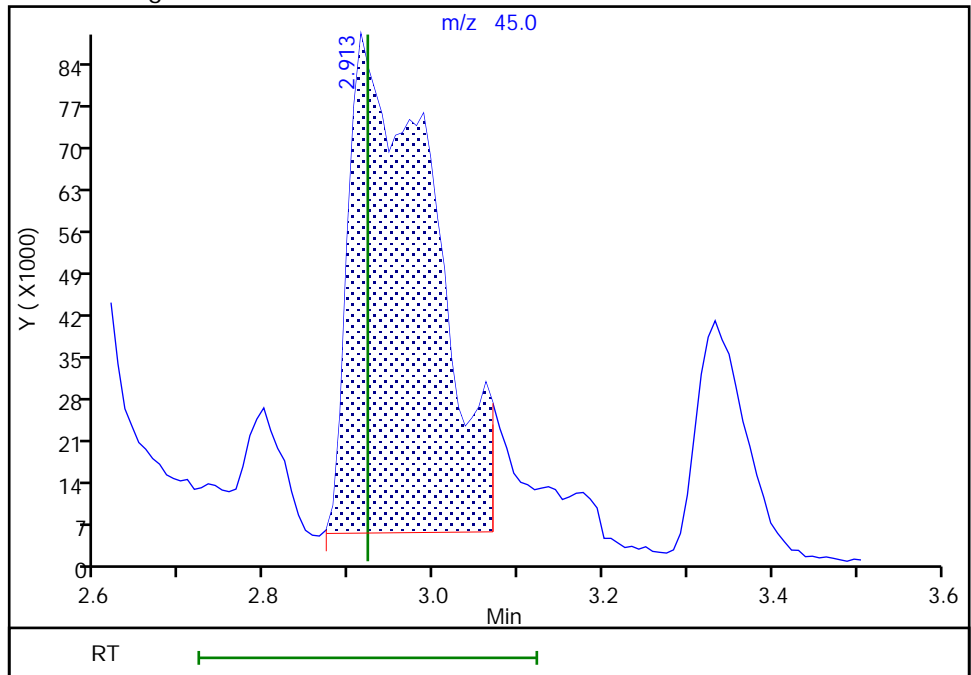
RT: 2.91
Area: 701309
Amount: 5079.0742
Amount Units: ug/l

Processing Integration Results



RT: 2.91
Area: 574344
Amount: 5362.6465
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:16:16
Audit Action: Manually Integrated

Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

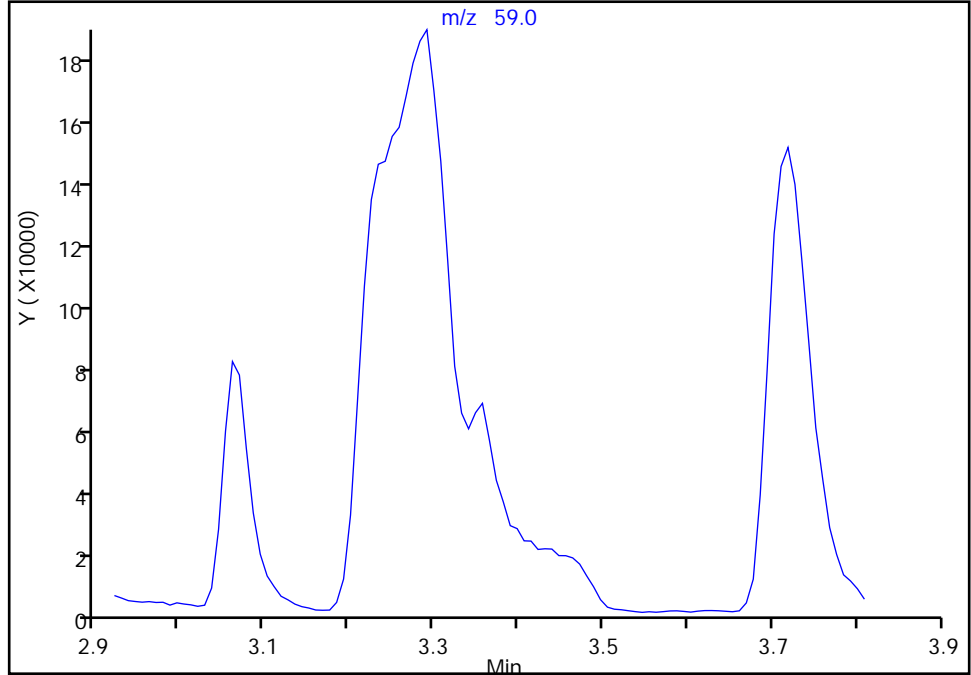
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Injection Date: 26-Jul-2020 01:19:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

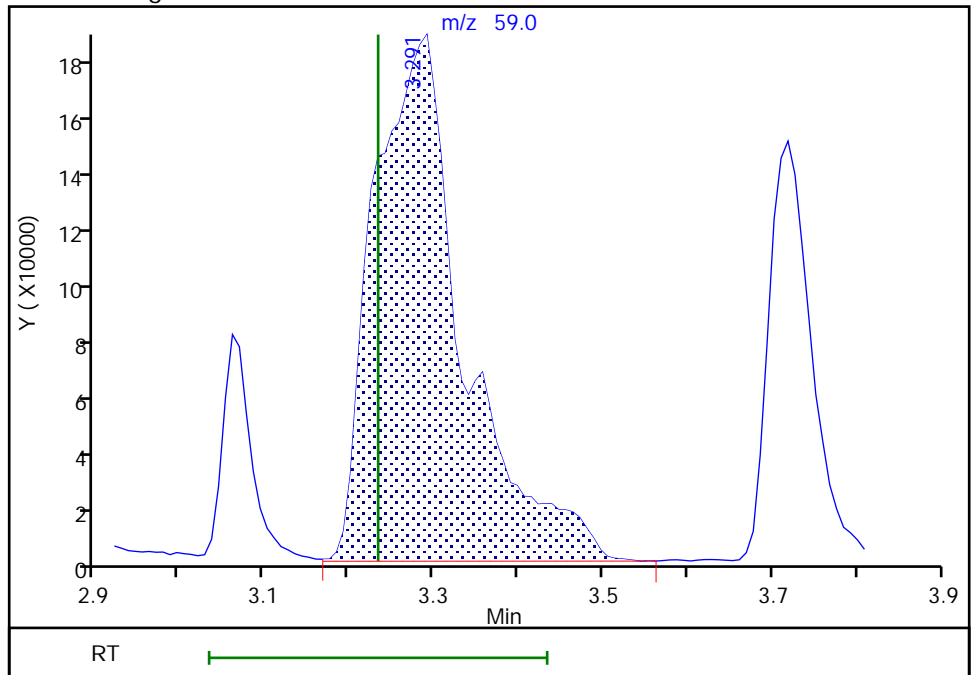
Not Detected
Expected RT: 3.23

Processing Integration Results



Manual Integration Results

RT: 3.29
Area: 1369709
Amount: 5099.2317
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:11:43
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

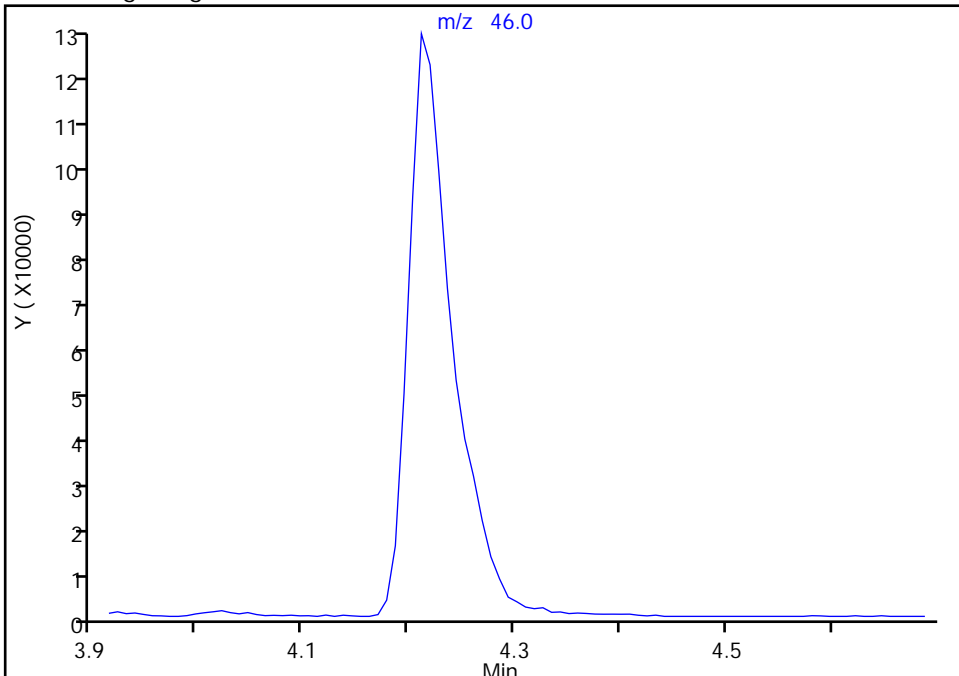
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Injection Date: 26-Jul-2020 01:19:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

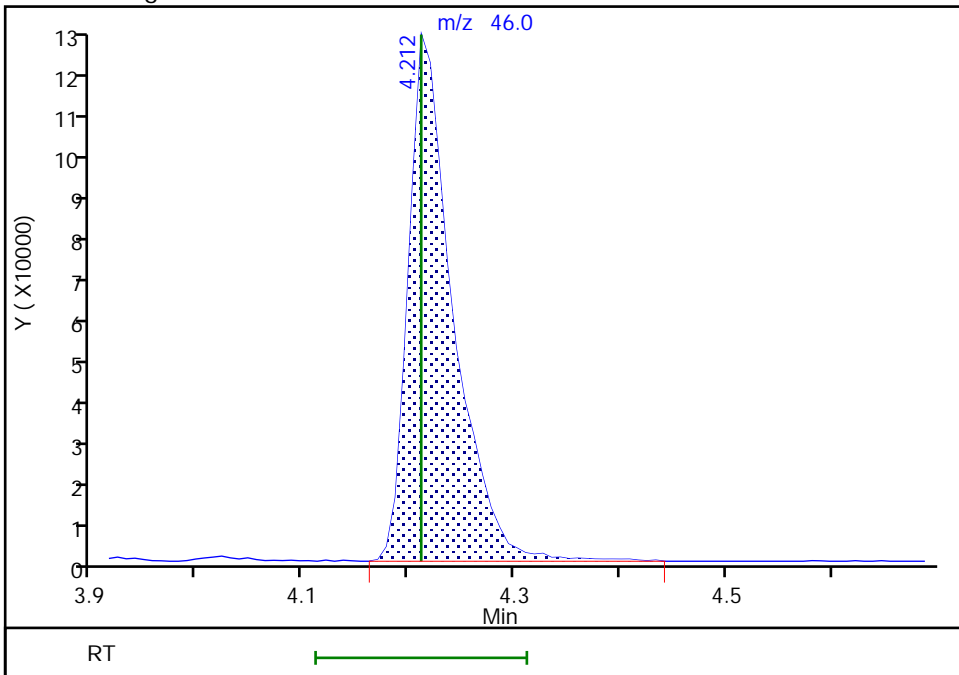
Processing Integration Results

Not Detected
Expected RT: 4.21



Manual Integration Results

RT: 4.21
Area: 370868
Amount: 250.0000
Amount Units: ug/l



Eurofins TestAmerica, Edison

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Injection Date: 26-Jul-2020 01:19:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

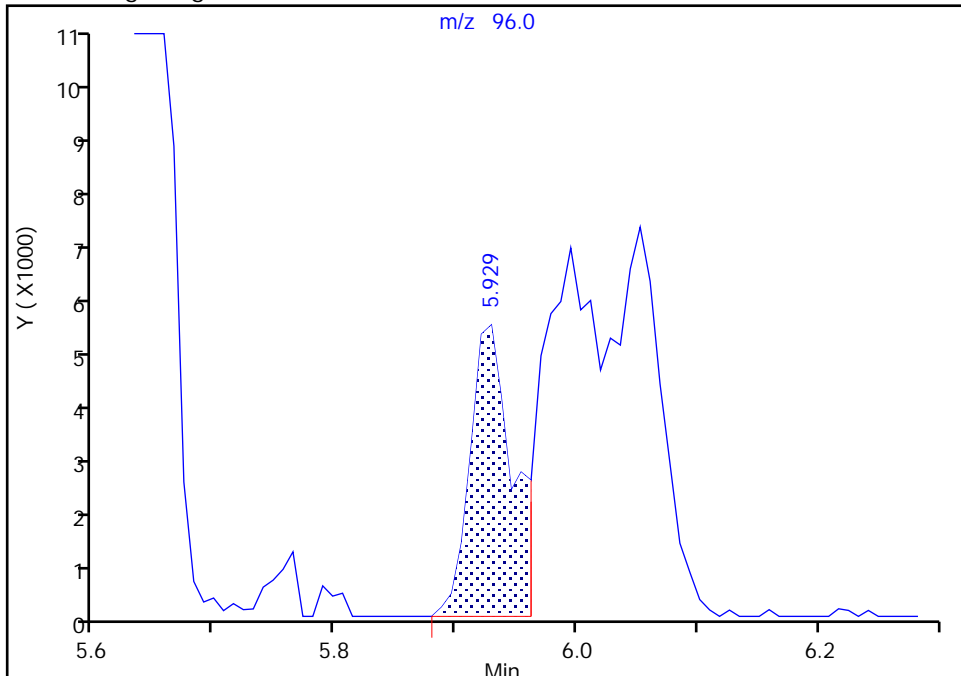
ALS Bottle#: 9 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

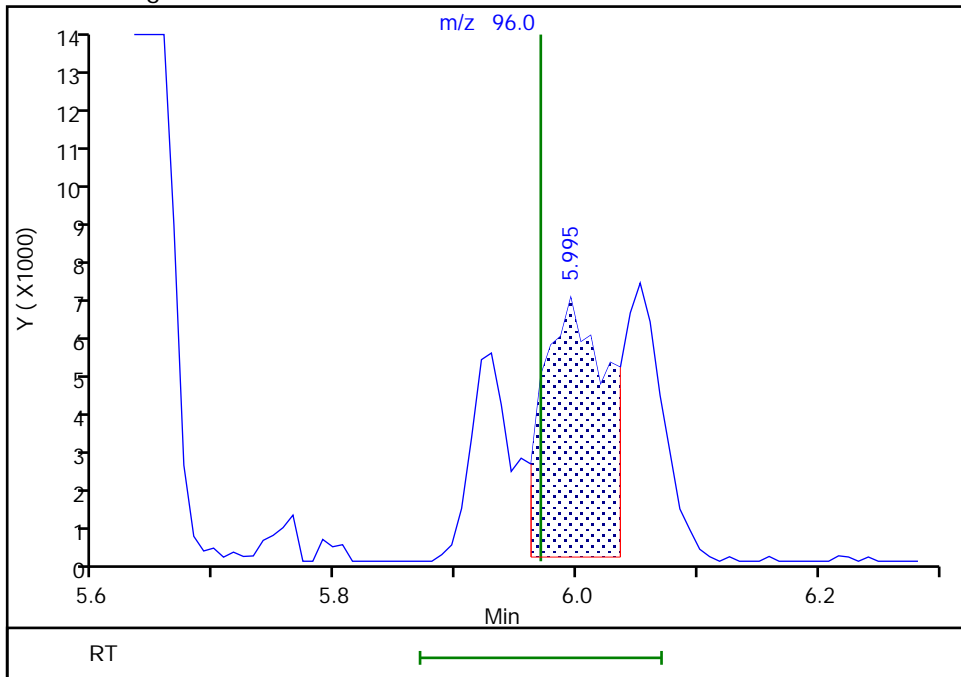
RT: 5.93
Area: 13332
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.99
Area: 24755
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:24:51
Audit Action: Manually Integrated

Audit Reason: Peak Tail
Page 268 of 728

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-719259/2	F003699.D
Level 2	STD1 460-719259/4	F003701.D
Level 3	STD5 460-719259/5	F003702.D
Level 4	STD20 460-719259/6	F003703.D
Level 5	STD50 460-719259/7	F003704.D
Level 6	STD200 460-719259/8	F003705.D
Level 7	STD500 460-719259/9	F003706.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															
Dichlorodifluoromethane	++++ 0.3638	0.3543 0.3679	0.3559	0.3872	0.3129	Ave		0.3570			0.1000	6.9	20.0				
Chloromethane	++++ 0.5025	0.6153 0.5064	0.4975	0.5094	0.4368	Ave		0.5113			0.1000	11.3	20.0				
Butadiene	++++ 0.4763	0.4990 0.4797	0.4486	0.4544	0.3947	Ave		0.4588				7.9	20.0				
Vinyl chloride	++++ 0.5100	0.6234 0.5166	0.4897	0.4951	0.4235	Ave		0.5097			0.1000	12.7	20.0				
Bromomethane	++++ 0.3396	0.3414 0.3229	0.3110	0.3299	0.2988	Ave		0.3239			0.1000	5.1	20.0				
Chloroethane	++++ 0.3248	0.4070 0.3177	0.2929	0.3074	0.2845	Ave		0.3224			0.1000	13.7	20.0				
Dichlorofluoromethane	++++ 0.7670	0.9078 0.7625	0.7150	0.7284	0.6537	Ave		0.7557				11.2	20.0				
Trichlorofluoromethane	++++ 0.5804	0.6879 0.5839	0.5861	0.5726	0.4995	Ave		0.5851			0.1000	10.3	20.0				
Pentane	++++ 2.2943	2.2742 2.1261	2.4468	2.1408	2.1525	Ave		2.2391				5.6	20.0				
Ethanol	++++ 0.0360	0.1586 0.0416	0.0686	0.0546	0.0427	QuaF		0.0341	0.0000004					0.9990		0.9900	
Ethyl ether	++++ 0.2079	0.2725 0.2702	0.2863	0.2736	0.2405	Ave		0.2585				11.2	20.0				
2-Methyl-1,3-butadiene	++++ 0.2457	0.3155 0.3353	0.3614	0.3218	0.2428	Ave		0.3037				16.0	20.0				
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2232	0.2858 0.2458	0.2328	0.2363	0.1976	Ave		0.2369				12.3	20.0				
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3695	0.5518 0.3630	0.3726	0.3716	0.3256	Lin2	0.1983	0.3502						0.9970		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.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

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															
Acrolein	++++ 0.5472	0.7300 0.4920	0.7605	0.6103	0.5365	Ave		0.6127			17.9		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2527	0.3052 0.2517	0.2430	0.2259	0.2153	Ave		0.2490		0.1000	12.6		20.0				
1,1-Dichloroethene	++++ 0.2529	0.2892 0.2529	0.2320	0.2435	0.2187	Ave		0.2482		0.1000	9.7		20.0				
Acetone	++++ 0.6310	0.8191 0.5507	0.6927	0.5827	0.5516	Ave		0.6380		0.0500	16.3		20.0				
Iodomethane	++++ 0.4568	0.4833 0.4576	0.4206	0.4199	0.3923	Ave		0.4384			7.6		20.0				
Isopropyl alcohol	++++ 0.5794	0.4508 0.5415	0.4327	0.4510	0.4270	Ave		0.4804			13.3		20.0				
Carbon disulfide	++++ 0.9762	1.0875 0.9716	0.9370	0.9499	0.8570	Ave		0.9632		0.1000	7.7		20.0				
Allyl chloride	++++ 0.5689	0.5445 0.5940	0.4649	0.4342	0.4235	Ave		0.5050			14.5		20.0				
Methyl acetate	++++ 0.2438	0.3165 0.2500	0.2389	0.2290	0.2124	Ave		0.2484		0.1000	14.4		20.0				
Cyclopentene	++++ 0.6674	0.6493 0.6870	0.6436	0.6405	0.5794	Ave		0.6446			5.6		20.0				
Acetonitrile	++++ 0.9362	0.8378 0.7883	1.1649	1.1982	1.1245	Ave		1.0083			17.6		20.0				
Methylene Chloride	++++ 0.3053	0.4078 0.3009	0.2801	0.2859	0.2744	Ave		0.3091		0.1000	16.1		20.0				
2-Methyl-2-propanol	++++ 1.0767	1.4218 0.9668	1.0968	1.1103	1.0264	Ave		1.1165			14.2		20.0				
Methyl tert-butyl ether	++++ 0.6963	0.9084 0.6537	0.6996	0.6851	0.6266	Ave		0.7116		0.1000	14.1		20.0				
trans-1,2-Dichloroethene	++++ 0.2668	0.3266 0.2675	0.2472	0.2508	0.2382	Ave		0.2662		0.1000	11.9		20.0				
Acrylonitrile	0.1707 0.1258	0.1124 0.1223	0.1178	0.1190	0.1100	Ave		0.1254			16.5		20.0				
Hexane	++++ 0.1913	0.2354 0.1881	0.2039	0.1976	0.1816	Ave		0.1996			9.6		20.0				
Isopropyl ether	++++ 0.7878	0.7895 0.7696	0.7705	0.7578	0.6999	Ave		0.7625			4.3		20.0				
1,1-Dichloroethane	++++ 0.4780	0.4887 0.4882	0.4460	0.4561	0.4174	Ave		0.4624		0.2000	6.1		20.0				
Vinyl acetate	++++ 0.0534	0.0680 0.0528	0.0510	0.0691	0.0583	Ave		0.0588			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.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

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															
2-Chloro-1,3-butadiene	++++ 0.2411	0.2364 0.2385	0.2341	0.2334	0.2149	Ave		0.2331			4.0		20.0				
Tert-butyl ethyl ether	++++ 0.7335	0.8303 0.6956	0.7307	0.7378	0.6696	Ave		0.7329			7.5		20.0				
2,2-Dichloropropane	++++ 0.0817	0.0868 0.0834	0.1016	0.0790	0.0722	Ave		0.0841			11.7		20.0				
cis-1,2-Dichloroethene	++++ 0.2971	0.3587 0.2976	0.3131	0.2698	0.2556	Ave		0.2987		0.1000	12.1		20.0				
2-Butanone (MEK)	++++ 0.2869	0.3749 0.2593	0.2820	0.2970	0.2597	Ave		0.2933		0.0500	14.6		20.0				
Ethyl acetate	++++ 0.2529	0.2336 0.2287	0.2340	0.2543	0.2356	Ave		0.2399			4.5		20.0				
Methyl acrylate	++++ 0.3642	0.4657 0.3160	0.4279	0.3984	0.3499	Ave		0.3870			14.1		20.0				
Propionitrile	++++ 1.6524	1.2891 1.5343	1.6813	1.4649	1.5284	Ave		1.5251			9.3		20.0				
Chlorobromomethane	++++ 0.1483	0.1359 0.1493	0.1332	0.1321	0.1286	Ave		0.1379			6.4		20.0				
Tetrahydrofuran	++++ 0.3284	0.4420 0.2930	0.4035	0.3624	0.3113	Ave		0.3567			16.1		20.0				
Methacrylonitrile	++++ 0.1483	0.1352 0.1569	0.1261	0.1314	0.1244	Ave		0.1371			9.4		20.0				
Chloroform	++++ 0.4492	0.5603 0.4521	0.4093	0.4293	0.3988	Ave		0.4498		0.2000	12.9		20.0				
Cyclohexane	++++ 0.4468	0.4456 0.4523	0.4236	0.4299	0.3871	Ave		0.4309		0.1000	5.6		20.0				
1,1,1-Trichloroethane	++++ 0.4069	0.4839 0.4084	0.3689	0.3889	0.3619	Ave		0.4032		0.1000	10.9		20.0				
Carbon tetrachloride	++++ 0.3462	0.3526 0.3452	0.3126	0.3250	0.3085	Ave		0.3317		0.1000	5.7		20.0				
1,1-Dichloropropene	++++ 0.3515	0.4166 0.3441	0.3408	0.3483	0.3145	Ave		0.3526			9.6		20.0				
Isobutyl alcohol	++++ 0.3550	0.3174 0.2601	0.3189	0.3080	0.3287	Ave		0.3147			9.9		20.0				
Benzene	++++ 1.3882	1.6504 1.2728	1.4510	1.4763	1.3461	Ave		1.4308		0.5000	9.1		20.0				
Isopropyl acetate	++++ 0.8993	0.8985 0.9168	0.8150	0.8593	0.7979	Ave		0.8645			5.7		20.0				
Tert-amyl methyl ether	++++ 0.8127	0.8389 0.7900	0.8080	0.8163	0.7358	Ave		0.8003			4.4		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.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

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															
1,2-Dichloroethane	++++ 0.3735	0.4134 0.3644	0.3628	0.3601	0.3325	Ave		0.3678		0.1000	7.1		20.0				
n-Heptane	++++ 0.1711	0.1596 0.1638	0.1835	0.1793	0.1588	Ave		0.1694			6.1		20.0				
n-Butanol	++++ 0.2900	0.4025 0.2669	0.2967	0.2984	0.2595	Ave		0.3023			17.1		20.0				
Trichloroethene	++++ 0.2756	0.2963 0.2717	0.2623	0.2527	0.2363	Ave		0.2658		0.2000	7.7		20.0				
Ethyl acrylate	++++ 0.7525	0.8895 0.7738	0.6824	0.6859	0.6380	Ave		0.7370			12.2		20.0				
Methylcyclohexane	++++ 0.4821	0.5240 0.4972	0.4449	0.4521	0.4107	Ave		0.4685		0.1000	8.7		20.0				
1,2-Dichloropropane	++++ 0.2779	0.3184 0.2713	0.2711	0.2612	0.2467	Ave		0.2744		0.1000	8.8		20.0				
Methyl methacrylate	++++ 0.0912	0.0795 0.0908	0.0801	0.0810	0.0777	Ave		0.0834			7.2		20.0				
1,4-Dioxane	++++ 0.8008	0.7416 0.6937	0.9980	0.9594	0.9416	Ave		0.8559			14.8		20.0				
Dibromomethane	++++ 0.1814	0.2572 0.1797	0.1870	0.1693	0.1580	Ave		0.1888			18.6		20.0				
n-Propyl acetate	++++ 0.4609	0.4900 0.4634	0.3911	0.3791	0.3617	Ave		0.4244			12.6		20.0				
Dichlorobromomethane	++++ 0.3654	0.3440 0.3596	0.3422	0.3403	0.3207	Ave		0.3454		0.2000	4.6		20.0				
2-Chloroethyl vinyl ether	++++ 0.1878	0.2229 0.1940	0.1639	0.1615	0.1575	Ave		0.1813			14.0		20.0				
2-Nitropropane	++++ 0.1046	0.1185 0.1055	0.1015	0.1001	0.0920	Ave		0.1037			8.4		20.0				
Epichlorohydrin	0.2516 0.2440	0.2409 0.2198	0.2294	0.2350	0.2140	Ave		0.2335			5.7		20.0				
cis-1,3-Dichloropropene	++++ 0.6072	0.7273 0.5572	0.5982	0.5896	0.5629	Ave		0.6071		0.2000	10.2		20.0				
4-Methyl-2-pentanone (MIBK)	++++ 2.4627	2.2402 2.3313	2.1510	2.2887	2.1625	Ave		2.2727		0.0500	5.1		20.0				
Toluene	++++ 1.5180	1.7700 1.4058	1.5477	1.5765	1.4193	Ave		1.5396		0.4000	8.6		20.0				
trans-1,3-Dichloropropene	++++ 0.5666	0.6098 0.5396	0.5503	0.5441	0.5137	Ave		0.5540		0.1000	5.8		20.0				
Ethyl methacrylate	++++ 0.5496	0.7173 0.5094	0.5173	0.5548	0.5105	Ave		0.5598			14.2		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.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

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															
1,1,2-Trichloroethane	++++ 0.2829	0.2767 0.2589	0.2411	0.2848	0.2618	Ave		0.2677			0.1000	6.3	20.0				
Tetrachloroethene	++++ 0.3248	0.3603 0.2994	0.3148	0.3232	0.2998	Ave		0.3204			0.2000	7.0	20.0				
1,3-Dichloropropane	++++ 0.5771	0.5596 0.5401	0.5410	0.5720	0.5280	Ave		0.5530				3.5	20.0				
2-Hexanone	++++ 1.5899	1.7157 1.5233	1.4422	1.4317	1.3682	Ave		1.5118			0.0500	8.4	20.0				
n-Butyl acetate	++++ 0.6443	0.7321 0.6093	0.6353	0.6269	0.5917	Ave		0.6399				7.6	20.0				
Chlorodibromomethane	++++ 0.3556	0.3848 0.3346	0.3346	0.3366	0.3211	Ave		0.3446			0.1000	6.6	20.0				
Ethylene Dibromide	++++ 0.3356	0.4030 0.3138	0.3398	0.3306	0.3025	Ave		0.3375			0.1000	10.4	20.0				
Chlorobenzene	++++ 0.9775	1.0753 0.9444	0.9102	0.9594	0.8821	Ave		0.9582			0.5000	7.0	20.0				
Ethylbenzene	++++ 0.5422	0.5820 0.5259	0.5405	0.5549	0.4936	Ave		0.5398			0.1000	5.5	20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3580	0.3846 0.3404	0.3357	0.3678	0.3298	Ave		0.3527				6.0	20.0				
m-Xylene & p-Xylene	++++ 0.6559	0.7541 0.6198	0.6405	0.6894	0.6105	Ave		0.6617			0.1000	8.0	20.0				
n-Butyl acrylate	++++ 0.3680	0.3752 0.3596	0.3260	0.3543	0.3384	Ave		0.3536				5.2	20.0				
o-Xylene	++++ 0.7047	0.7545 0.6910	0.6653	0.6907	0.6419	Ave		0.6913			0.3000	5.5	20.0				
Styrene	++++ 1.1200	1.2583 1.0776	1.0541	1.1182	1.0316	Ave		1.1100			0.3000	7.3	20.0				
Amyl acetate (mixed isomers)	++++ 1.6346	1.5936 1.7379	1.4431	1.4386	1.3871	Ave		1.5391				8.9	20.0				
Bromoform	++++ 0.2571	0.2783 0.2532	0.2431	0.2458	0.2285	Ave		0.2510			0.1000	6.6	20.0				
Isopropylbenzene	++++ 1.7630	1.7598 1.6995	1.6044	1.7348	1.5990	Ave		1.6934			0.1000	4.4	20.0				
Bromobenzene	++++ 0.7922	0.8243 0.8196	0.7272	0.7078	0.6708	Ave		0.7570				8.4	20.0				
1,1,2,2-Tetrachloroethane	++++ 0.9071	0.8891 0.8981	0.8803	0.9073	0.8346	Ave		0.8861			0.3000	3.1	20.0				
N-Propylbenzene	++++ 4.1449	4.0163 4.2195	3.7281	3.9009	3.5895	Ave		3.9332				6.2	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.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

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															
1,2,3-Trichloropropane	++++ 0.2741	0.3992 0.2719	0.3105	0.2749	0.2498	Ave		0.2967			18.1		20.0				
trans-1,4-Dichloro-2-butene	++++ 0.2624	0.3037 0.2611	0.2631	0.2563	0.2407	Ave		0.2645			7.9		20.0				
2-Chlorotoluene	++++ 2.8235	2.6583 3.0065	2.3882	2.5959	2.4209	Ave		2.6489			9.0		20.0				
4-Ethyltoluene	++++ 3.3691	3.1976 3.5221	3.0478	3.1460	2.9505	Ave		3.2055			6.6		20.0				
1,3,5-Trimethylbenzene	++++ 2.8680	2.5995 2.9149	2.4675	2.6005	2.4626	Ave		2.6522			7.4		20.0				
4-Chlorotoluene	++++ 2.4152	2.5497 2.4518	2.2892	2.3733	2.1489	Ave		2.3713			5.9		20.0				
Butyl Methacrylate	++++ 1.1619	1.2449 1.1321	1.0829	1.1078	1.0432	Ave		1.1288			6.2		20.0				
tert-Butylbenzene	++++ 2.3771	1.9434 2.4473	1.8927	2.0998	2.0246	Ave		2.1308			10.8		20.0				
1,2,4-Trimethylbenzene	++++ 3.0629	2.8673 3.0856	2.5842	2.7761	2.6188	Ave		2.8325			7.6		20.0				
sec-Butylbenzene	++++ 3.7520	3.3864 3.7704	3.0082	3.3293	3.2119	Ave		3.4097			8.8		20.0				
1,3-Dichlorobenzene	++++ 1.6060	1.5029 1.7053	1.3699	1.4504	1.3577	Ave		1.4987		0.6000	9.1		20.0				
4-Isopropyltoluene	++++ 3.3732	2.6310 3.5256	2.6104	2.8888	2.7395	Ave		2.9614			13.3		20.0				
1,4-Dichlorobenzene	++++ 1.5467	1.5516 1.5729	1.4050	1.4283	1.3653	Ave		1.4783		0.5000	6.0		20.0				
1,2,3-Trimethylbenzene	++++ 3.1963	2.9946 3.2560	2.6632	2.8349	2.7451	Ave		2.9484			8.2		20.0				
Benzyl chloride	++++ 1.7276	2.0055 1.6467	1.6945	1.7143	1.5953	Ave		1.7307			8.3		20.0				
Indan	++++ 3.1208	2.9459 3.0706	2.7073	2.8919	2.7320	Ave		2.9114			5.8		20.0				
p-Diethylbenzene	++++ 1.6813	1.4838 1.6872	1.4417	1.5620	1.4762	Ave		1.5553			6.9		20.0				
n-Butylbenzene	++++ 1.6780	1.6022 1.6791	1.5308	1.5896	1.4681	Ave		1.5913			5.2		20.0				
1,2-Dichlorobenzene	++++ 1.5827	1.5572 1.5131	1.4462	1.5060	1.4175	Ave		1.5038		0.4000	4.2		20.0				
1,2,4,5-Tetramethylbenzene	++++ 3.3459	2.9122 3.5371	2.6746	2.8501	2.7905	Ave		3.0184			11.3		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.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

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															
1,2-Dibromo-3-Chloropropane	++++ 0.2357	0.2333 0.2192	0.1994	0.2194	0.2077	Ave		0.2191			0.0500	6.4	20.0				
1,3,5-Trichlorobenzene	++++ 1.2635	1.1509 1.3057	1.1190	1.1365	1.0787	Ave		1.1757				7.5	20.0				
1,2,4-Trichlorobenzene	++++ 1.2222	1.3565 1.2558	1.0568	1.1125	1.0355	Ave		1.1732			0.2000	10.7	20.0				
Hexachlorobutadiene	++++ 0.4459	0.6082 0.4700	0.3844	0.3892	0.3775	Ave		0.4459				19.7	20.0				
Naphthalene	++++ 3.4535	3.4676 3.3874	3.0489	3.1958	3.0317	Ave		3.2642				6.1	20.0				
1,2,3-Trichlorobenzene	++++ 1.1522	1.2363 1.1533	0.9870	1.0280	0.9936	Ave		1.0917				9.4	20.0				
Dibromofluoromethane (Surr)	0.2562 0.2564	0.2478 0.2597	0.2498	0.2514	0.2509	Ave		0.2532				1.7	20.0				
1,2-Dichloroethane-d4 (Surr)	0.3123 0.3404	0.3242 0.3713	0.3268	0.3272	0.3236	Ave		0.3323				5.7	20.0				
Toluene-d8 (Surr)	1.4939 1.3769	1.4711 1.2752	1.4789	1.4751	1.4371	Ave		1.4298				5.5	20.0				
4-Bromofluorobenzene	0.4224 0.4141	0.4246 0.4074	0.4273	0.4263	0.4144	Ave		0.4195				1.8	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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-719259/2	F003699.D
Level 2	STD1 460-719259/4	F003701.D
Level 3	STD5 460-719259/5	F003702.D
Level 4	STD20 460-719259/6	F003703.D
Level 5	STD50 460-719259/7	F003704.D
Level 6	STD200 460-719259/8	F003705.D
Level 7	STD500 460-719259/9	F003706.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dichlorodifluoromethane	FB	Ave	++++ 518219	2437 1308636	13854	57223	124300	++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 715843	4232 1801176	19366	75285	173495	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	++++ 678607	3432 1706160	17461	67153	156781	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 726518	4288 1837614	19062	73168	168200	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	++++ 483773	2348 1148546	12105	48762	118666	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 462658	2799 1130051	11402	45436	113000	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1092670	6244 2711943	27828	107654	259657	++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	++++ 826828	4731 2076983	22812	84626	198402	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 196534	905 483035	5973	20580	49208	++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	QuaF	++++ 61636	1262 189045	3350	10499	19526	++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	++++ 296213	1874 961061	11143	40435	95533	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 350097	2170 1192457	14067	47559	96424	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 317925	1966 874228	9060	34926	78495	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Lin2	++++ 526453	3795 1291286	14501	54921	129340	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 23436	581 44710	3713	5867	12264	++++ 200	4.00 400	20.0	40.0	100

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

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-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 360034	2099 895215	9460	33389	85500	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	++++ 360262	1989 899596	9032	35989	86857	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 651377	3804 1567724	18272	58491	149702	++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	++++ 650800	3324 1627767	16369	62060	155811	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 248148	897 615102	5281	21677	48813	++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	++++ 1390677	7480 3455675	36470	140390	340399	++++ 200	1.00 500	5.00	20.0	50.0
Allyl chloride	FB	Ave	++++ 810529	3745 2112804	18095	64166	168208	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	++++ 694536	4353 1778442	18598	67681	168725	++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	++++ 950838	4466 2443514	25052	94660	230146	++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd 9	Ave	++++ 400999	1667 895493	14219	57593	128540	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 434987	2805 1070254	10902	42258	108999	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 461177	2829 1098198	13387	53369	117318	++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	++++ 991952	6248 2325013	27229	101246	248889	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	++++ 380119	2246 951348	9623	37066	94627	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	3600 1792000	7733 4348792	45865	175837	436949	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	++++ 272466	1619 668970	7938	29199	72127	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	++++ 1122306	5430 2737246	29991	111994	277994	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	++++ 681043	3361 1736544	17360	67413	165806	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 152202	935 375911	3972	20411	46321	++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	++++ 343470	1626 848390	9110	34494	85338	++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	++++ 1044947	5711 2474247	28442	109044	265980	++++ 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.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2-Dichloropropane	FB	Ave	++++ 116454	597 296623	3953	11678	28677	++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	++++ 423296	2467 1058530	12188	39869	101521	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 296171	1741 738266	7438	29815	70480	++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Ave	++++ 104425	434 260458	2469	10209	25580	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	CBNZ d5	Ave	++++ 410121	2227 965717	11627	41233	101179	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 707723	2565 1742902	20522	70411	174705	++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	++++ 211323	935 531107	5183	19524	51073	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 135601	821 333612	4257	14550	33791	++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	++++ 2112300	9301 5581849	49083	194198	493992	++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	++++ 639919	3854 1607873	15931	63439	158387	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 636508	3065 1608589	16486	63531	153743	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	++++ 579717	3328 1452707	14360	57470	143743	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 493278	2425 1227892	12166	48028	122547	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	++++ 500701	2865 1223980	13266	51472	124922	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 380101	1579 738623	9731	37012	93939	++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	++++ 1562974	7892 3889926	39427	152796	389239	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	++++ 1281161	6180 3260940	31721	126992	316939	++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	++++ 1157762	5770 2809994	31448	120640	292268	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 532132	2843 1296021	14123	53215	132069	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 243779	1098 582690	7142	26493	63091	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	Ave	++++ 310497	2002 757858	9055	35862	74166	++++ 5000	25.0 12500	125	500	1250

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	++++ 392585	2038 966411	10209	37345	93851	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	++++ 1072058	6118 2752328	26562	101370	253408	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 686813	3604 1768485	17316	66811	163134	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	++++ 395967	2190 965080	10551	38604	97982	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 259818	1093 645969	6238	23952	61727	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 71976	636 170367	2240	8160	16734	++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	++++ 258440	1769 639183	7280	25025	62750	++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	++++ 656637	3370 1648059	15224	56028	143664	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 520584	2366 1278860	13321	50289	127397	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 268179	1537 691517	6396	23918	62713	++++ 200	1.00 501	5.01	20.0	50.1
2-Nitropropane	FB	Ave	++++ 297960	1630 750306	7899	29597	73050	++++ 400	2.00 1000	10.0	40.0	100
Epichlorohydrin	BUT	Ave	1722 1007746	4475 2502815	24204	94366	232359	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 683659	3478 1703050	16255	61022	162778	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2542427	10404 6637228	56736	229723	586897	++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	++++ 1709229	8464 4296547	42055	163168	410405	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 637957	2916 1649306	14952	56318	148559	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 618798	3430 1556778	14055	57427	147618	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 318477	1323 791196	6551	29475	75700	++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	++++ 365668	1723 915012	8553	33452	86697	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 649771	2676 1650633	14700	59202	152669	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	++++ 1641323	7968 4336679	38040	143707	371336	++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBNZ d5	Ave	++++ 725418	3501 1862261	17262	64883	171107	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 400437	1840 1022572	9092	34841	92841	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 377892	1927 959111	9232	34219	87466	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	++++ 1100619	5142 2886463	24733	99303	255085	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 610476	2783 1607169	14686	57429	142723	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 403124	1839 1040271	9123	38070	95364	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 738516	3606 1894307	17404	71354	176550	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 414322	1794 1099025	8858	36667	97841	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 793413	3608 2111865	18077	71485	185628	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 1261007	6017 3293560	28642	115735	298308	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 952276	4255 2609897	21975	84093	220369	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	++++ 289515	1331 773774	6605	25443	66081	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 1985014	8415 5194009	43594	179554	462389	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 461521	2201 1230913	11073	41375	106570	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 528460	2374 1348701	13405	53033	132590	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 2414802	10724 6336720	56770	228023	570265	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 159696	1066 408406	4728	16068	39685	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 152883	811 392056	4006	14983	38234	++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	++++ 1644952	7098 4515099	36366	151739	384608	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 1962790	8538 5289379	46410	183894	468747	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 1670896	6941 4377583	37574	152009	391226	++++ 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.: 460-216353-1

Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03

Calibration End Date: 08/24/2020 23:56

Calibration ID: 81686

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	++++ 1407065	6808 3682048	34859	138729	341390	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	++++ 676928	3324 1700217	16490	64755	165739	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 1384874	5189 3675210	28821	122742	321642	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 1784431	7656 4633797	39351	162274	416048	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 2185911	9042 5662272	45808	194608	510264	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 935634	4013 2560924	20861	84780	215693	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 1965197	7025 5294683	39750	168862	435219	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 901075	4143 2362102	21395	83487	216898	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 1862117	7996 4889834	40554	165710	436109	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	++++ 1006499	5355 2473035	25803	100207	253450	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 1818150	7866 4611349	41225	169039	434026	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 979492	3962 2533721	21953	91301	234516	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 977592	4278 2521628	23311	92916	233232	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 922096	4158 2272283	22022	88033	225194	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 1949283	7776 5311873	40728	166598	443329	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 137304	623 329173	3036	12823	33005	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 736123	3073 1960878	17040	66432	171368	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 712042	3622 1885911	16093	65028	164501	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 259772	1624 705888	5853	22748	59975	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2011979	9259 5087063	46428	186804	481648	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 671247	3301 1732044	15030	60089	157848	++++ 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.: 460-216353-1 Analy Batch No.: 719259

SDG No.: _____

Instrument ID: CVOAMS6 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/24/2020 21:03 Calibration End Date: 08/24/2020 23:56 Calibration ID: 81686

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7				LVL 6	LVL 7			
Dibromofluoromethane (Surr)	FB	Ave	135040 91326	85210 92384	97212	92870	99673	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	164648 121236	111490 132061	127202	120908	128515	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	530211 387585	351738 389732	401854	381697	415570	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	149935 116562	101514 124512	116112	110301	119841	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Lin2 = Linear 1/conc^2 ISTD QuaF = Quadratic ISTD forced zero</p>

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 24-Aug-2020 21:03:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0115680-002
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:36:28 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 25-Aug-2020 08:38:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Butadiene	54	1.821	1.820	0.001	90	2581	0.2500	0.5336	
* 27 TBA-d9 (IS)	65	3.127	3.143	-0.016	0	332138	1000.0	1000.0	
31 Acrylonitrile	53	3.382	3.382	0.000	95	3600	2.00	2.72	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	342203	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	96	135040	50.0	50.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	164648	50.0	47.0	
* 61 Fluorobenzene	96	5.231	5.222	0.009	98	527170	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.913	5.912	0.001	0	30263	1000.0	1000.0	
75 Epichlorohydrin	57	6.562	6.570	-0.008	54	1722	5.00	5.39	M
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	99	530211	50.0	52.2	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	88	354927	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	9.963	9.955	0.008	89	149935	50.0	50.3	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	97	195661	50.0	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00382	Amount Added: 2.50	Units: uL	
ACRY/EPIH MIX_00077	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 0.00	Units: uL	
ACROLEIN W_00111	Amount Added: 0.00	Units: uL	
8FreonHi_00022	Amount Added: 0.00	Units: uL	
MIX I Hi_00129	Amount Added: 0.00	Units: uL	
524freon_00026	Amount Added: 0.00	Units: uL	
14DIOXINTER_00118	Amount Added: 0.00	Units: uL	
Ethanol mix_00043	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00102	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD7

Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL

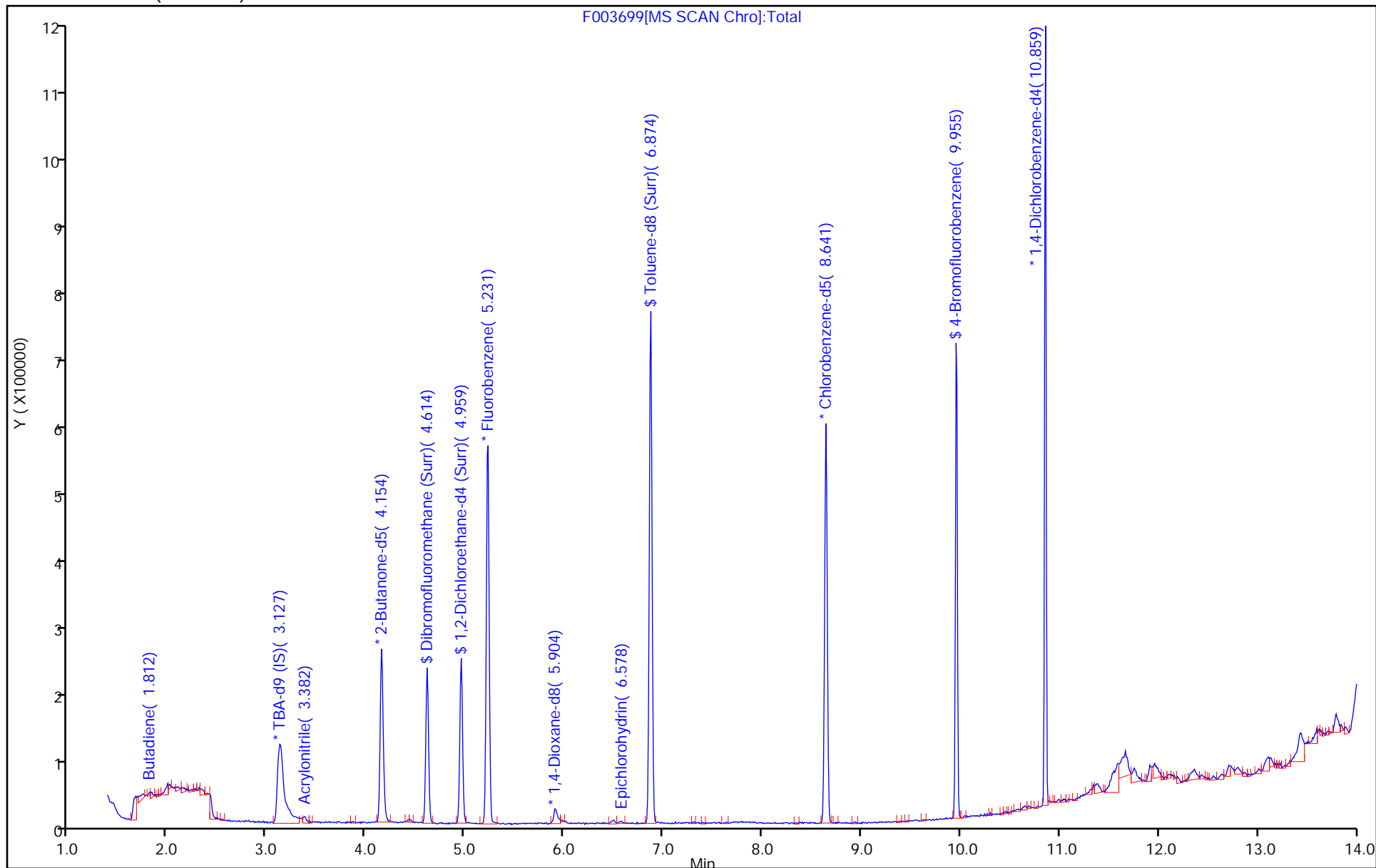
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

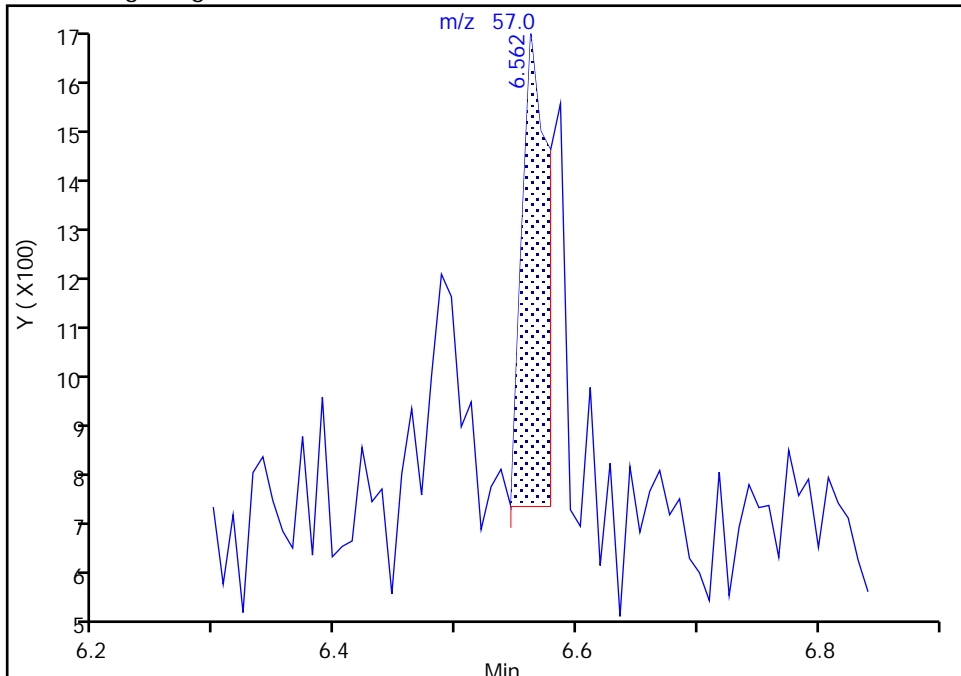
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

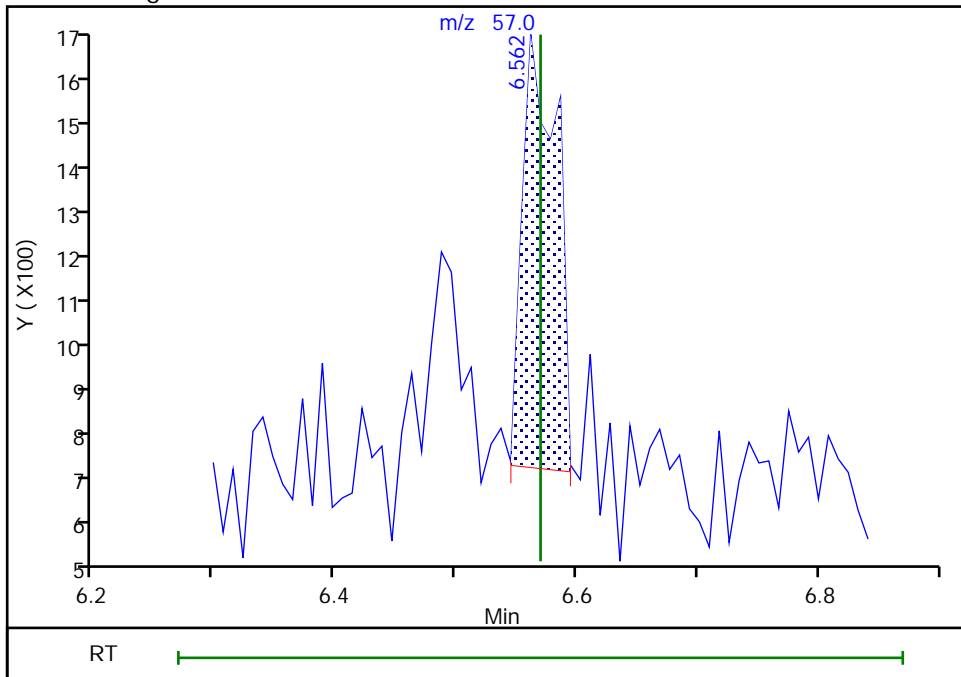
RT: 6.56
Area: 1315
Amount: 4.297315
Amount Units: ug/l

Processing Integration Results



RT: 6.56
Area: 1722
Amount: 5.386722
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:07:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

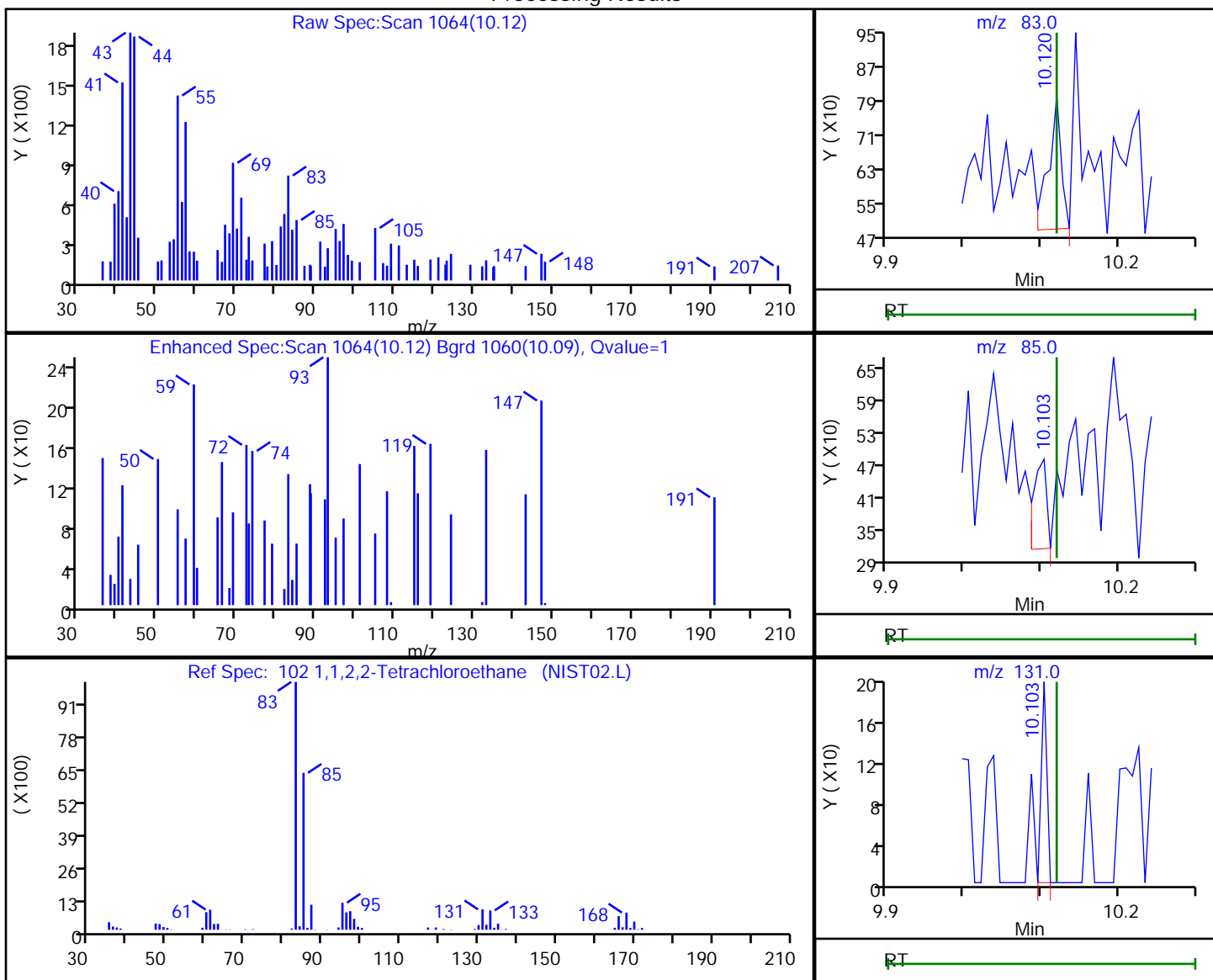
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

102 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.12	83.00	363	0.104510
10.10	85.00	195	
10.10	131.00	97	

Reviewer: baronm, 26-Aug-2020 16:08:00

Audit Action: Marked Compound Undetected

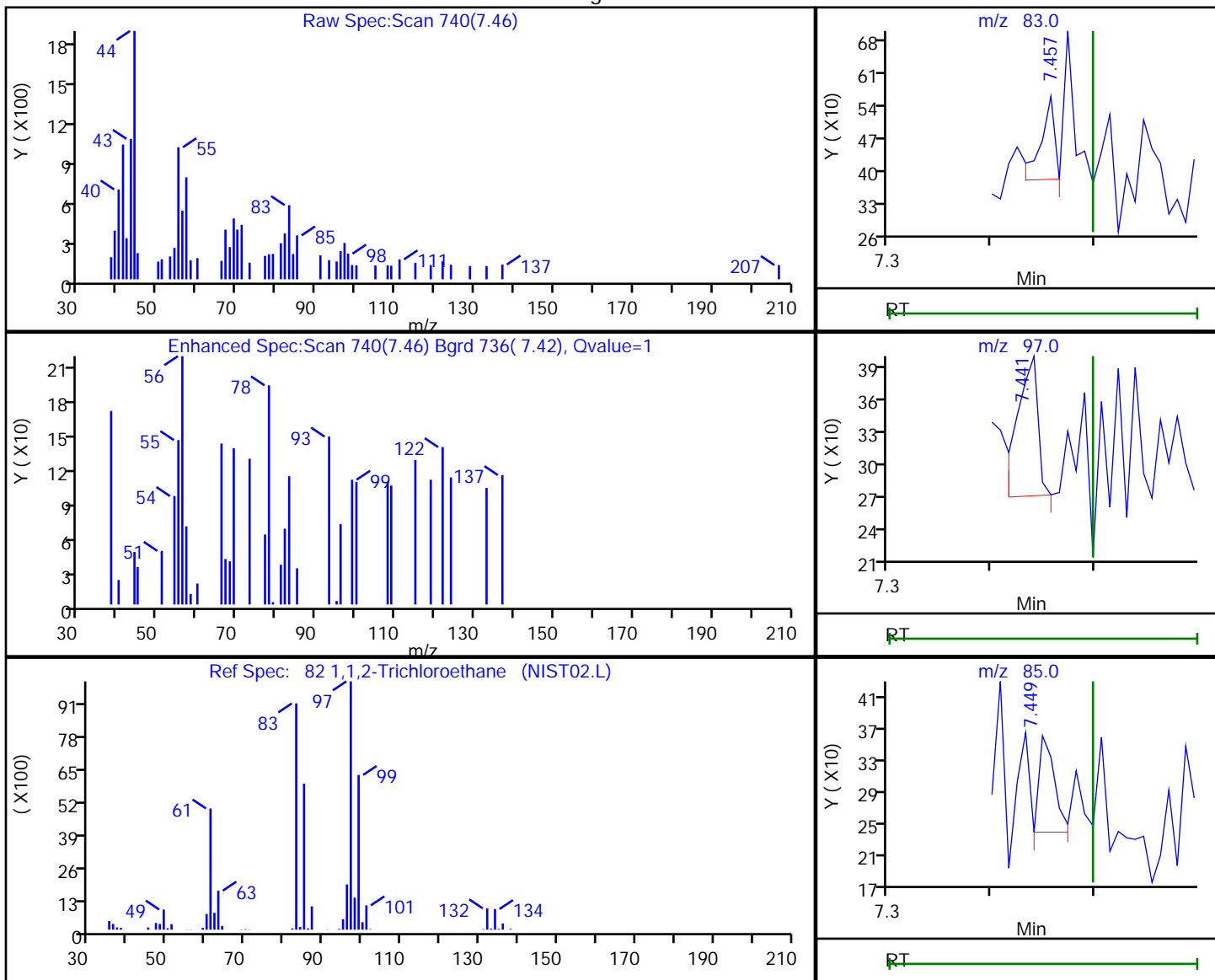
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.46	83.00	170	0.088569
7.44	97.00	171	
7.45	85.00	126	

Reviewer: baronm, 26-Aug-2020 16:07:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

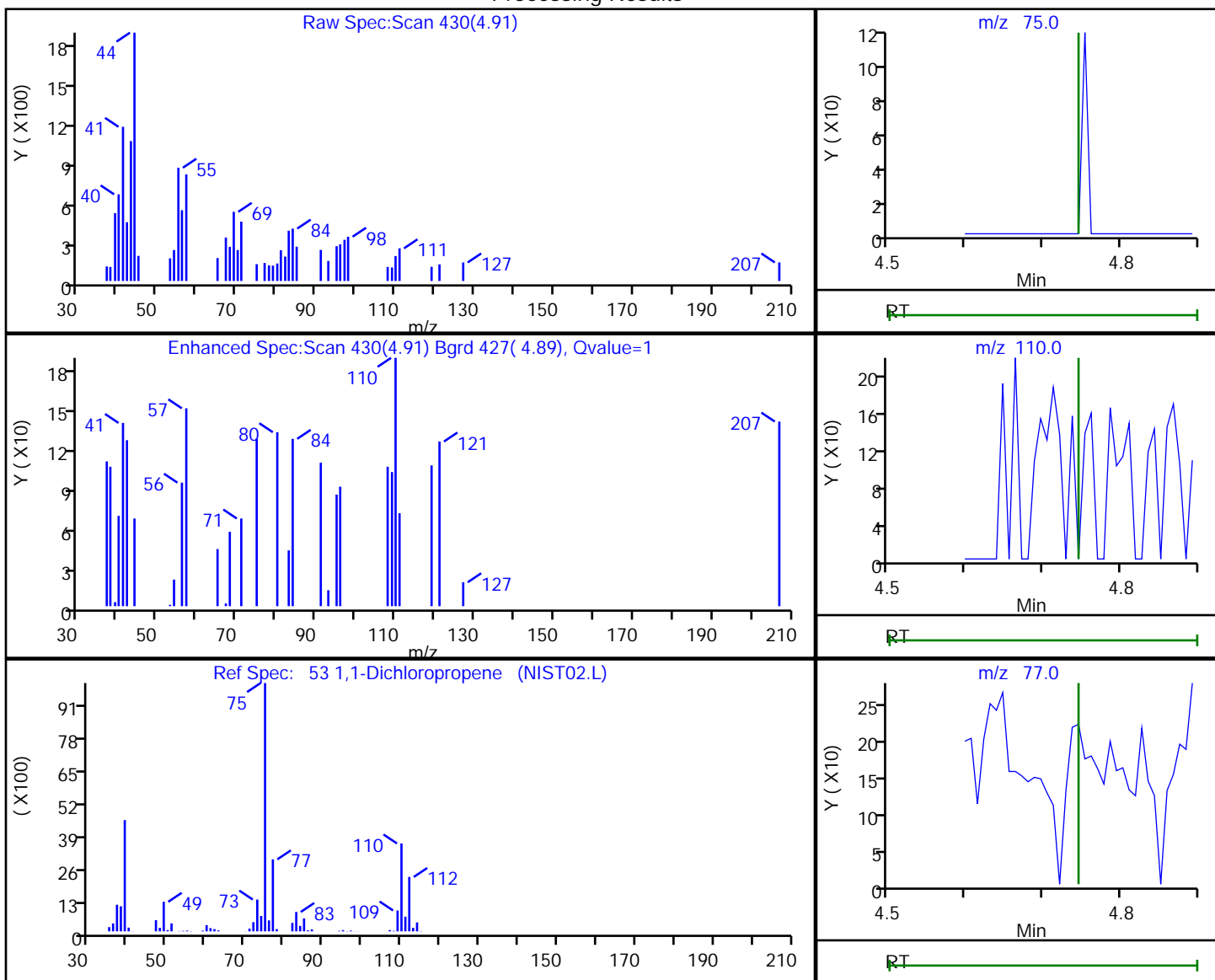
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

53 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
4.91	75.00	124	0.034104
4.91	110.00	362	
4.89	77.00	134	

Reviewer: baronm, 26-Aug-2020 16:07:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

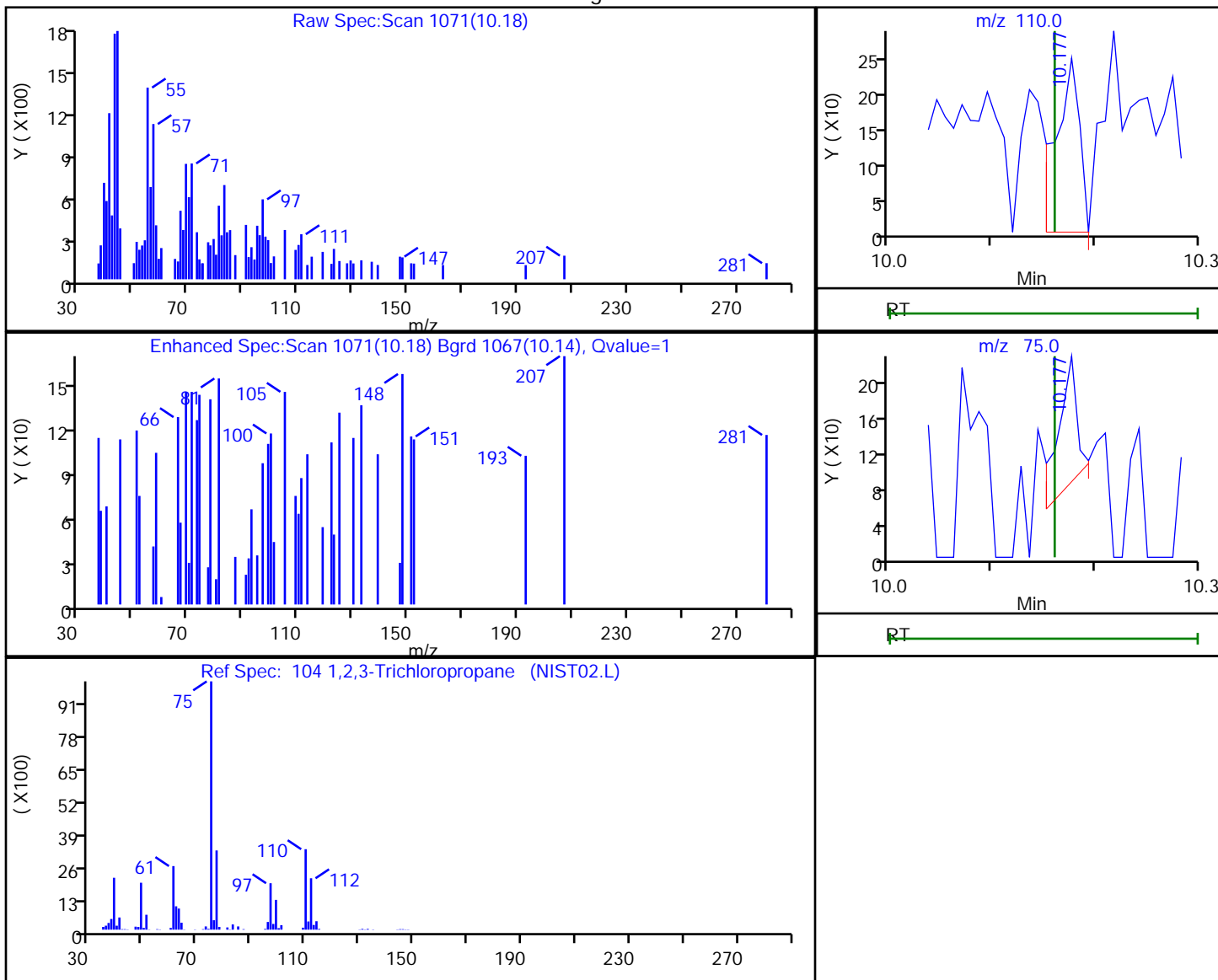
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
10.18	110.00	393	0.352007
10.18	75.00	180	

Reviewer: baronm, 26-Aug-2020 16:08:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

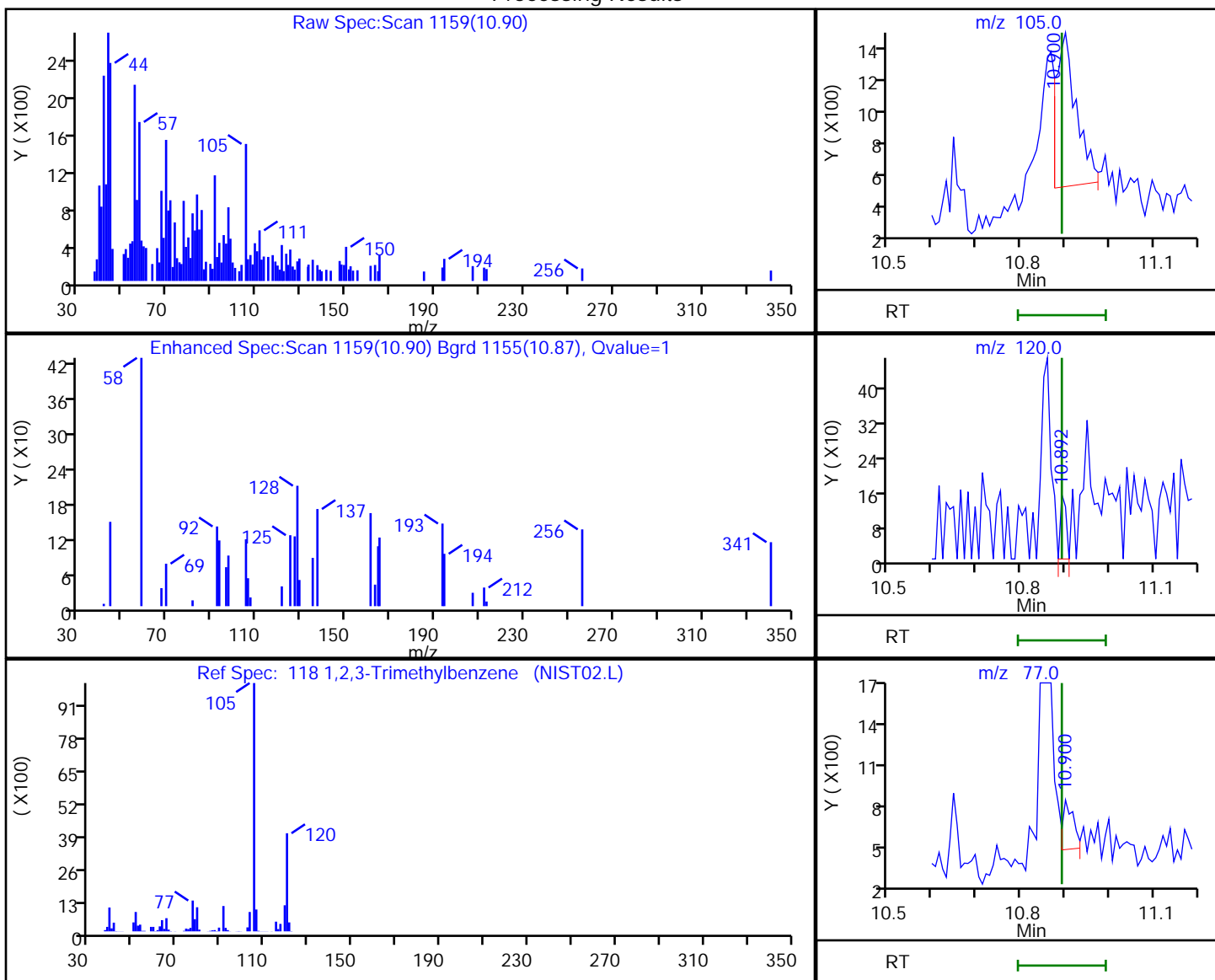
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

118 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
10.90	105.00	2976	
10.89	120.00	132	
10.90	77.00	598	

Reviewer: baronm, 26-Aug-2020 16:08:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

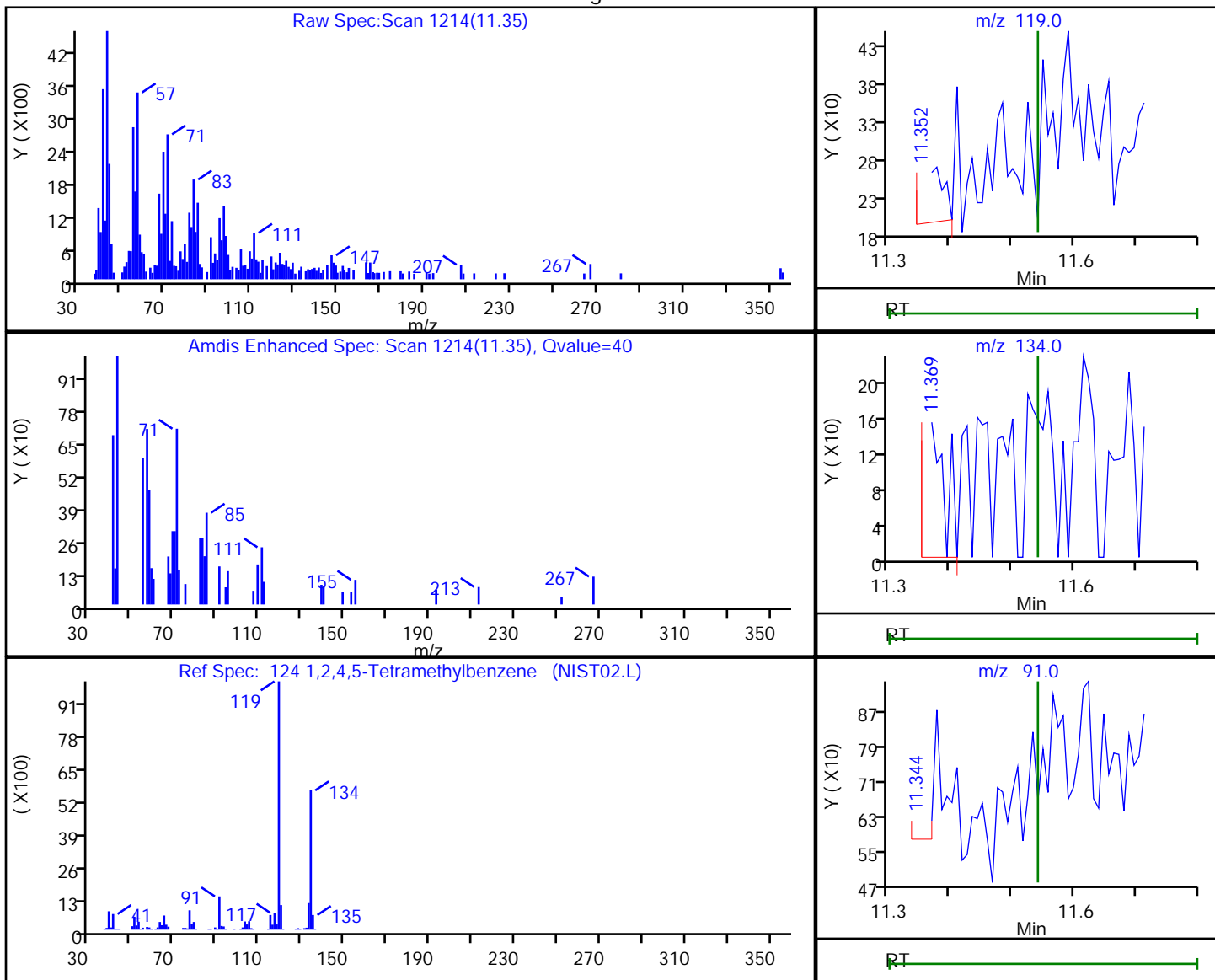
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

124 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
11.35	119.00	347	0.029759
11.37	134.00	255	
11.34	91.00	335	

Reviewer: baronm, 26-Aug-2020 16:08:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

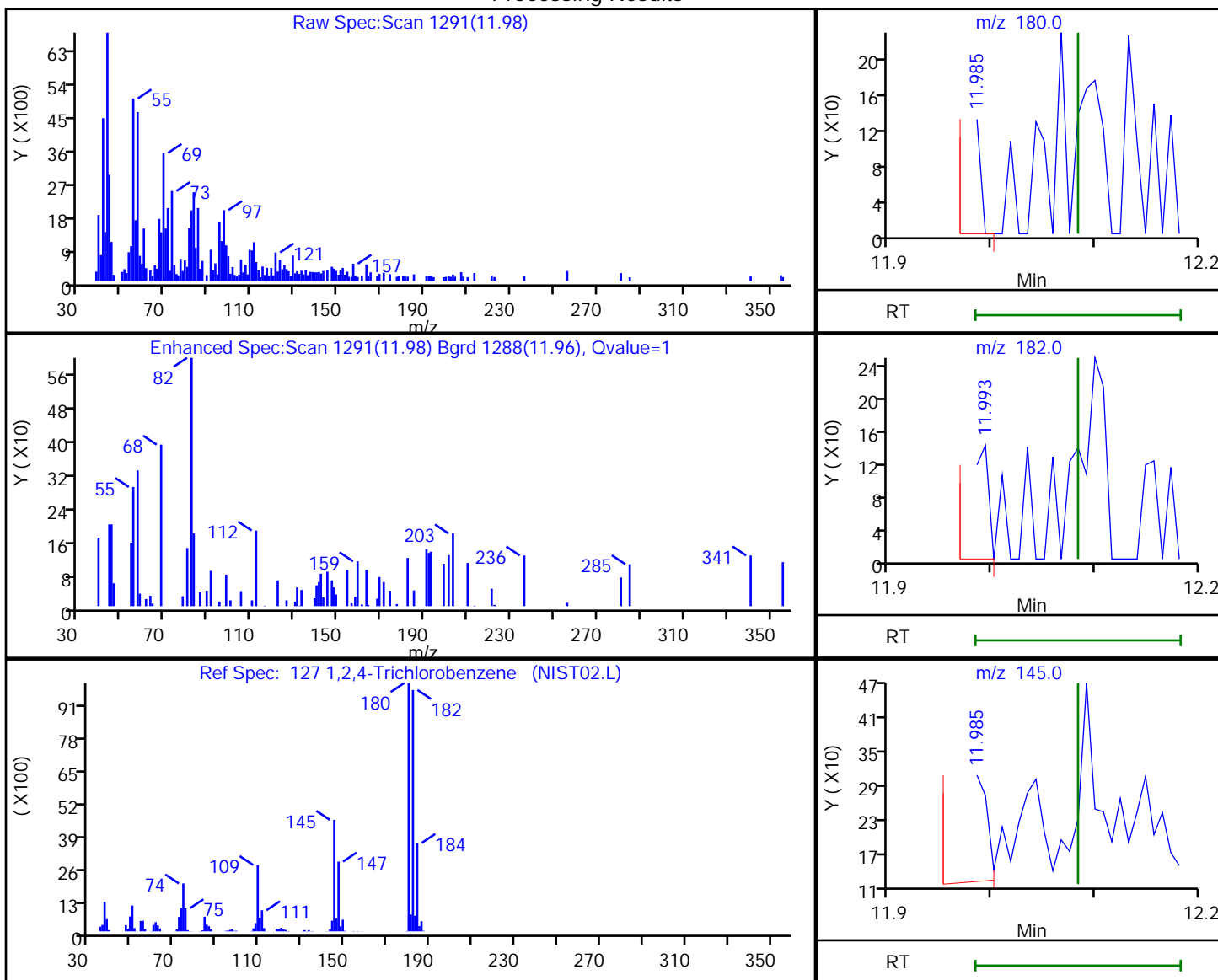
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

127 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
11.98	180.00	63	0.013595
11.99	182.00	179	
11.98	145.00	237	

Reviewer: baronm, 26-Aug-2020 16:08:44

Audit Action: Marked Compound Undetected

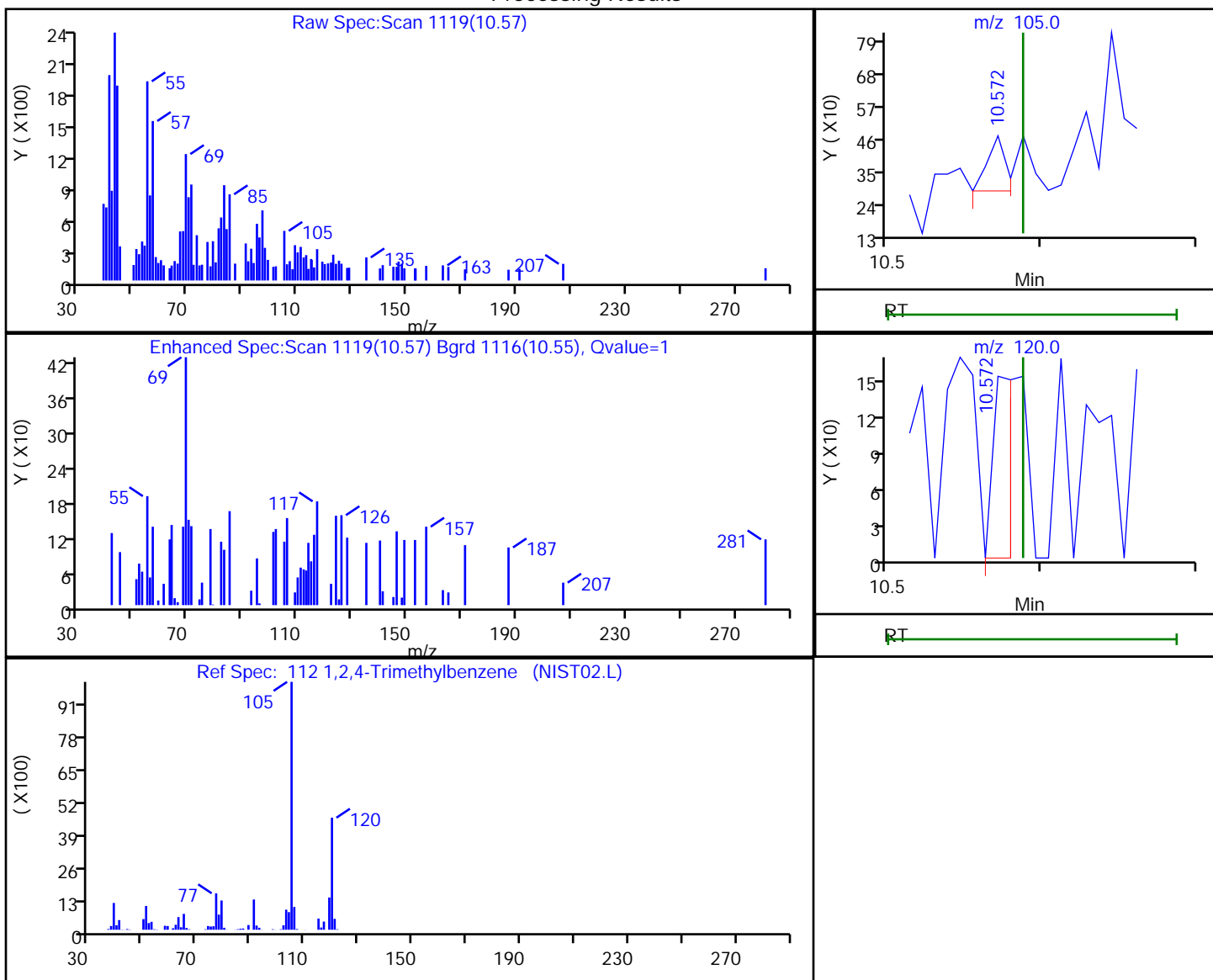
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

112 1,2,4-Trimethylbenzene, CAS: 95-63-6

Processing Results



RT	Mass	Response	Amount
10.57	105.00	154	0.013894
10.57	120.00	149	

Reviewer: baronm, 26-Aug-2020 16:08:16

Audit Action: Marked Compound Undetected

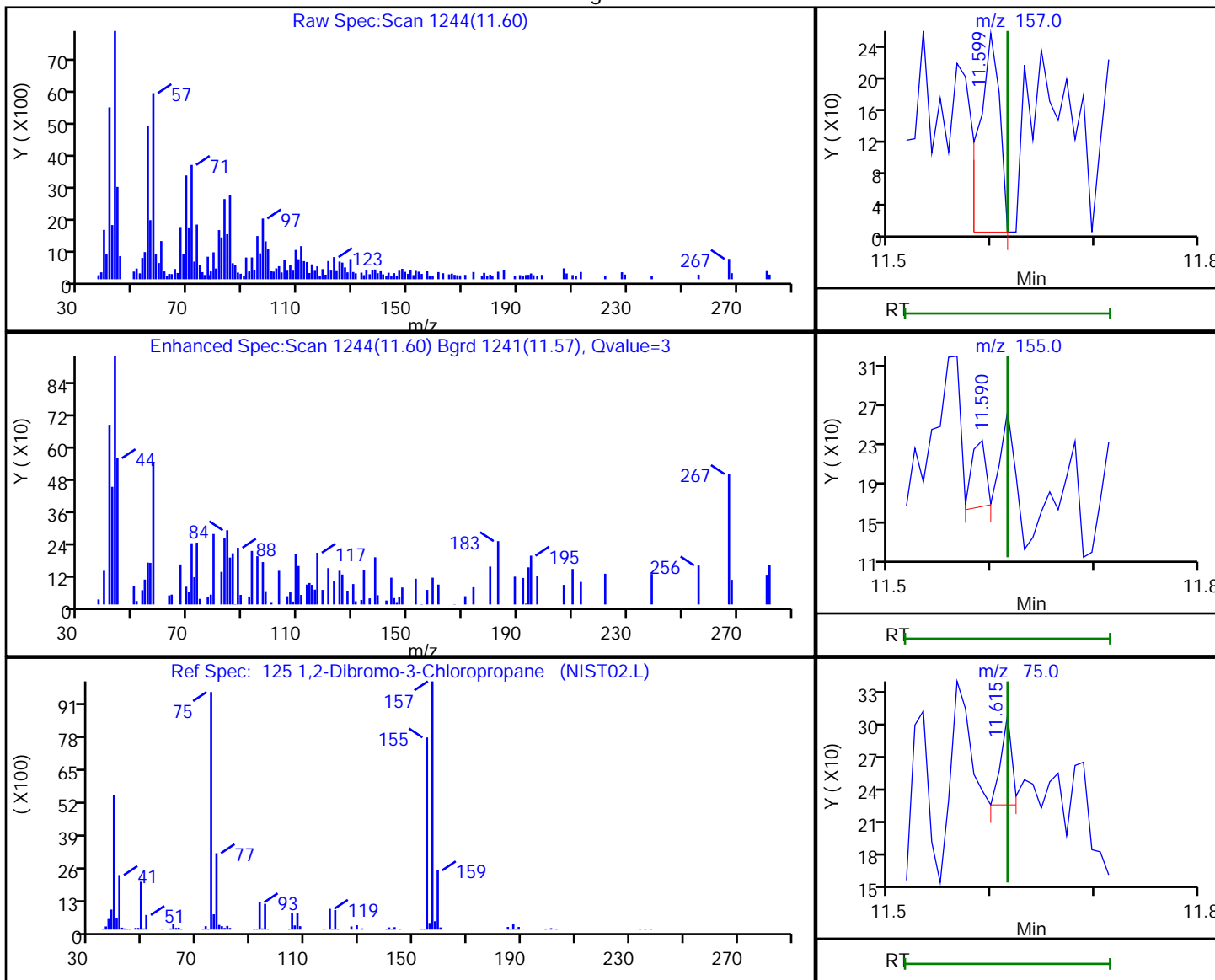
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results



RT	Mass	Response	Amount
11.60	157.00	340	0.395271
11.59	155.00	65	
11.62	75.00	60	

Reviewer: baronm, 26-Aug-2020 16:08:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

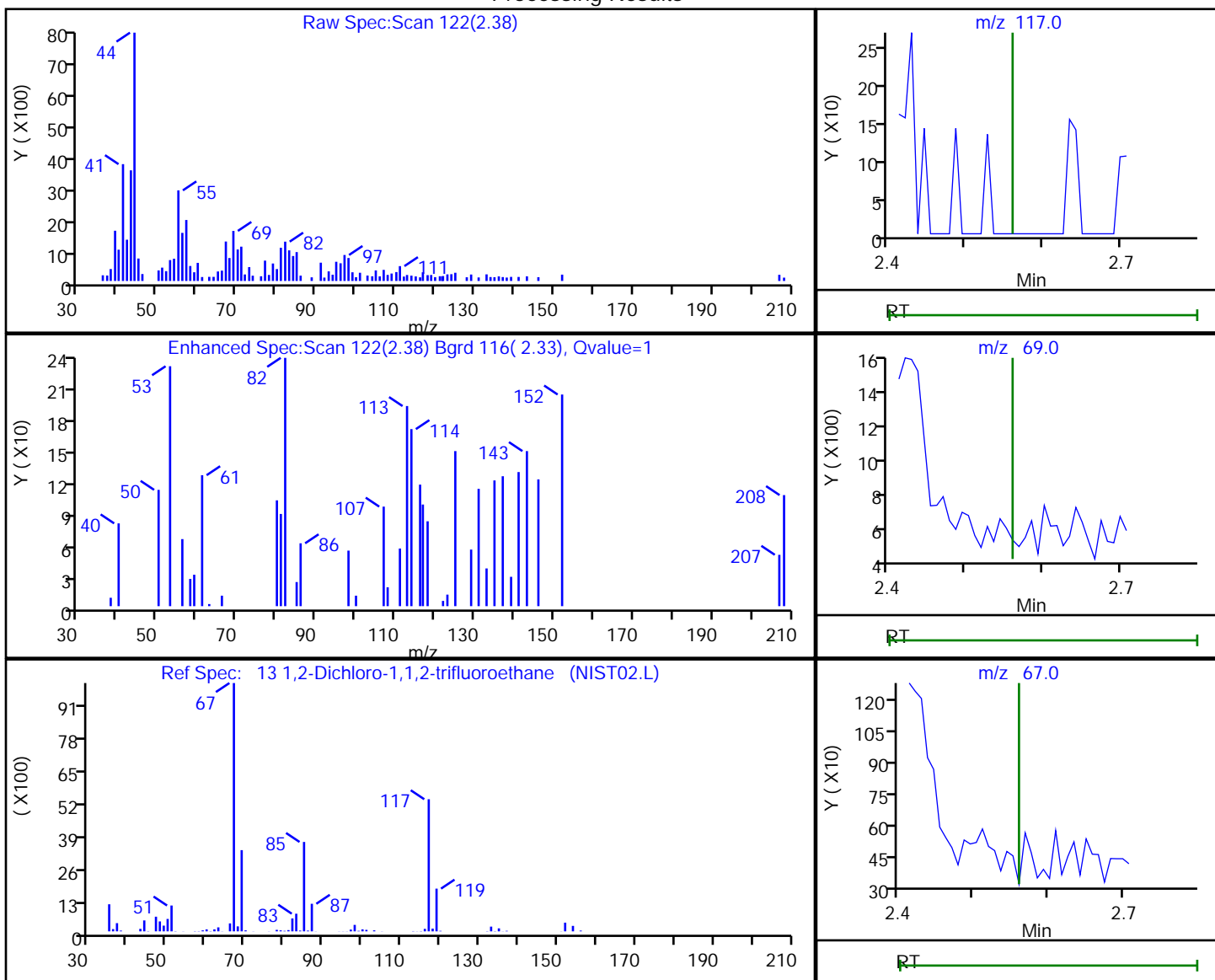
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.38	117.00	585	0.268267
2.39	69.00	5735	
2.39	67.00	3361	
2.36	119.00	664	

Reviewer: baronm, 26-Aug-2020 16:06:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

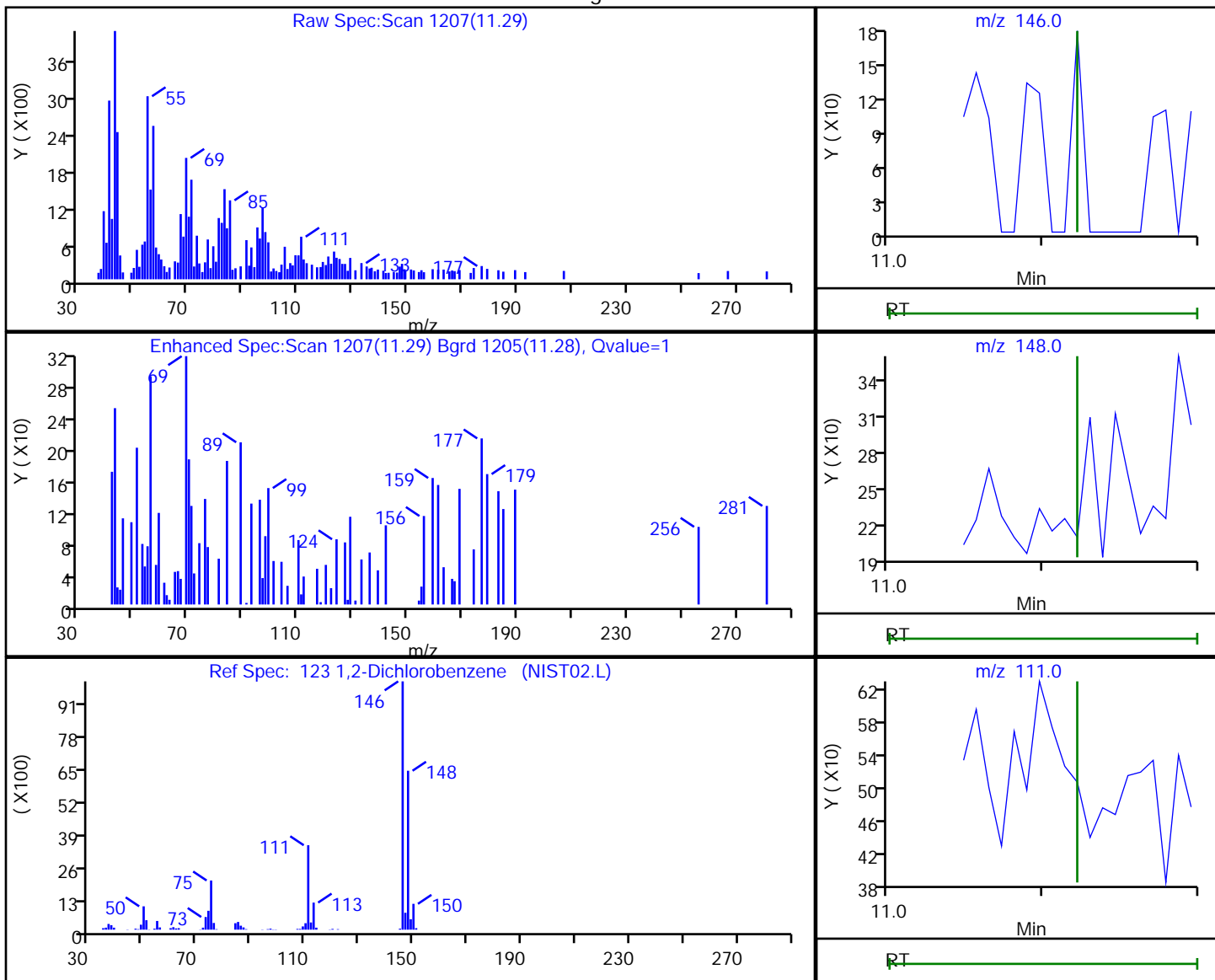
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
11.29	146.00	106	0.017898
11.31	148.00	219	
11.29	111.00	285	

Reviewer: baronm, 26-Aug-2020 16:08:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

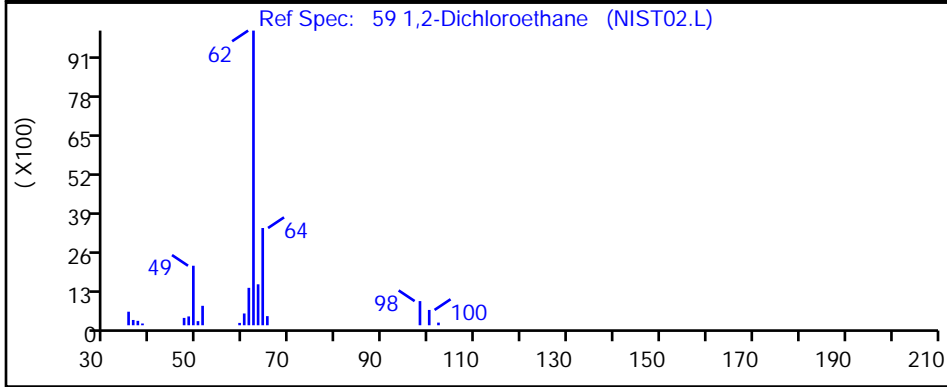
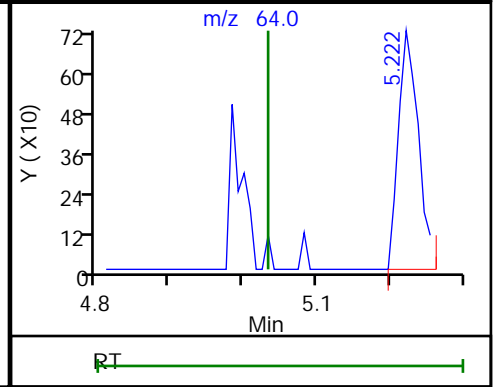
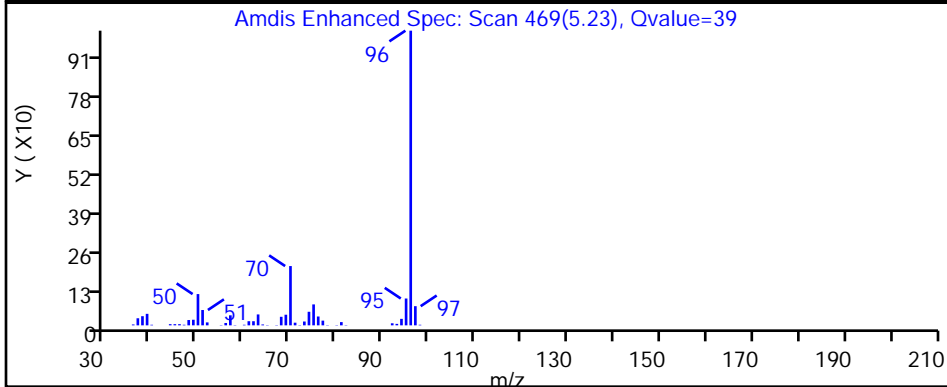
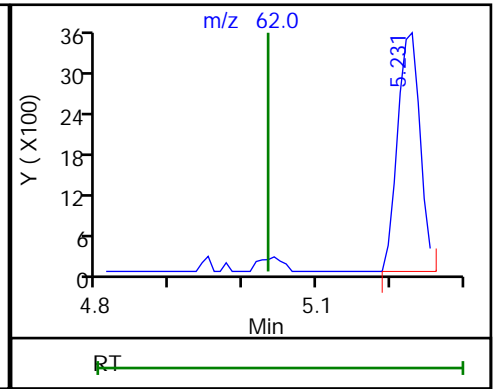
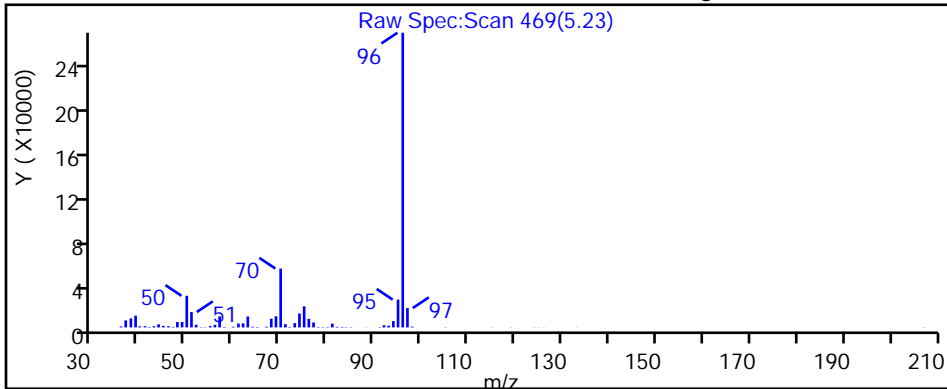
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.23	62.00	7630	1.949882
5.22	64.00	1355	

Reviewer: baronm, 26-Aug-2020 16:07:14

Audit Action: Marked Compound Undetected

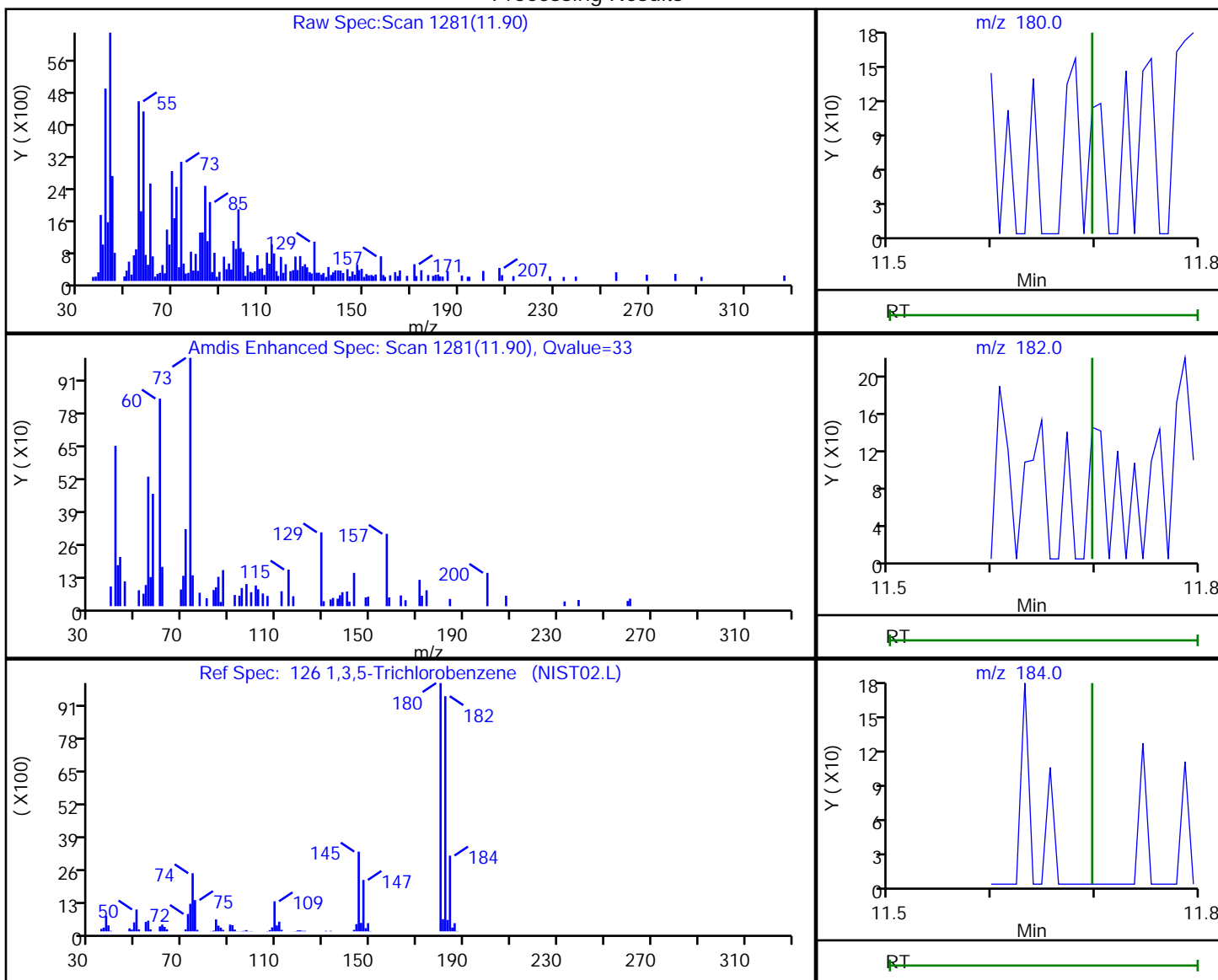
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

126 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results



RT	Mass	Response	Amount
11.90	180.00	270	0.057786
11.90	182.00	112	
11.91	184.00	57	

Reviewer: baronm, 26-Aug-2020 16:08:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

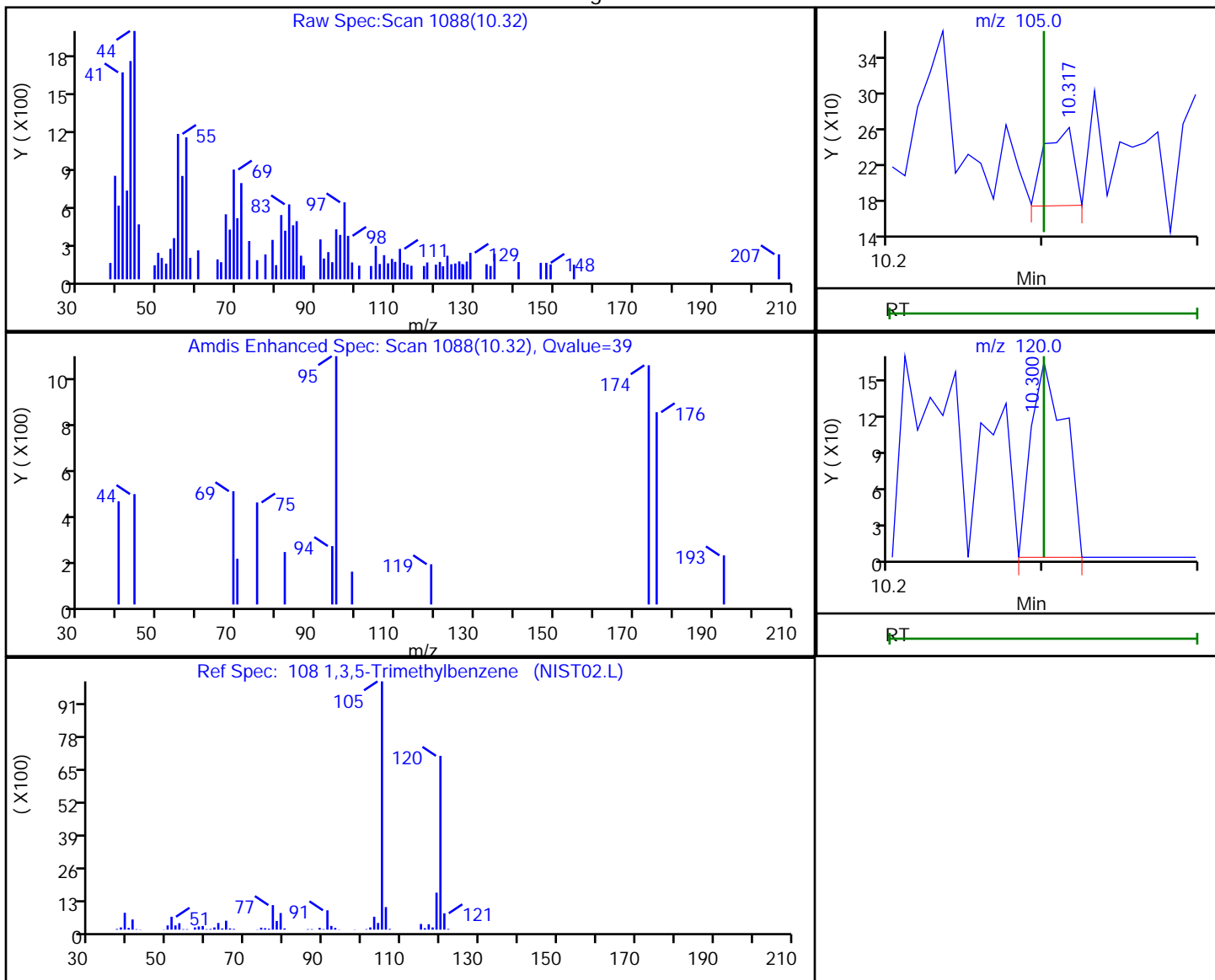
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
10.32	105.00	113	0.010824
10.30	120.00	245	

Reviewer: baronm, 26-Aug-2020 16:08:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

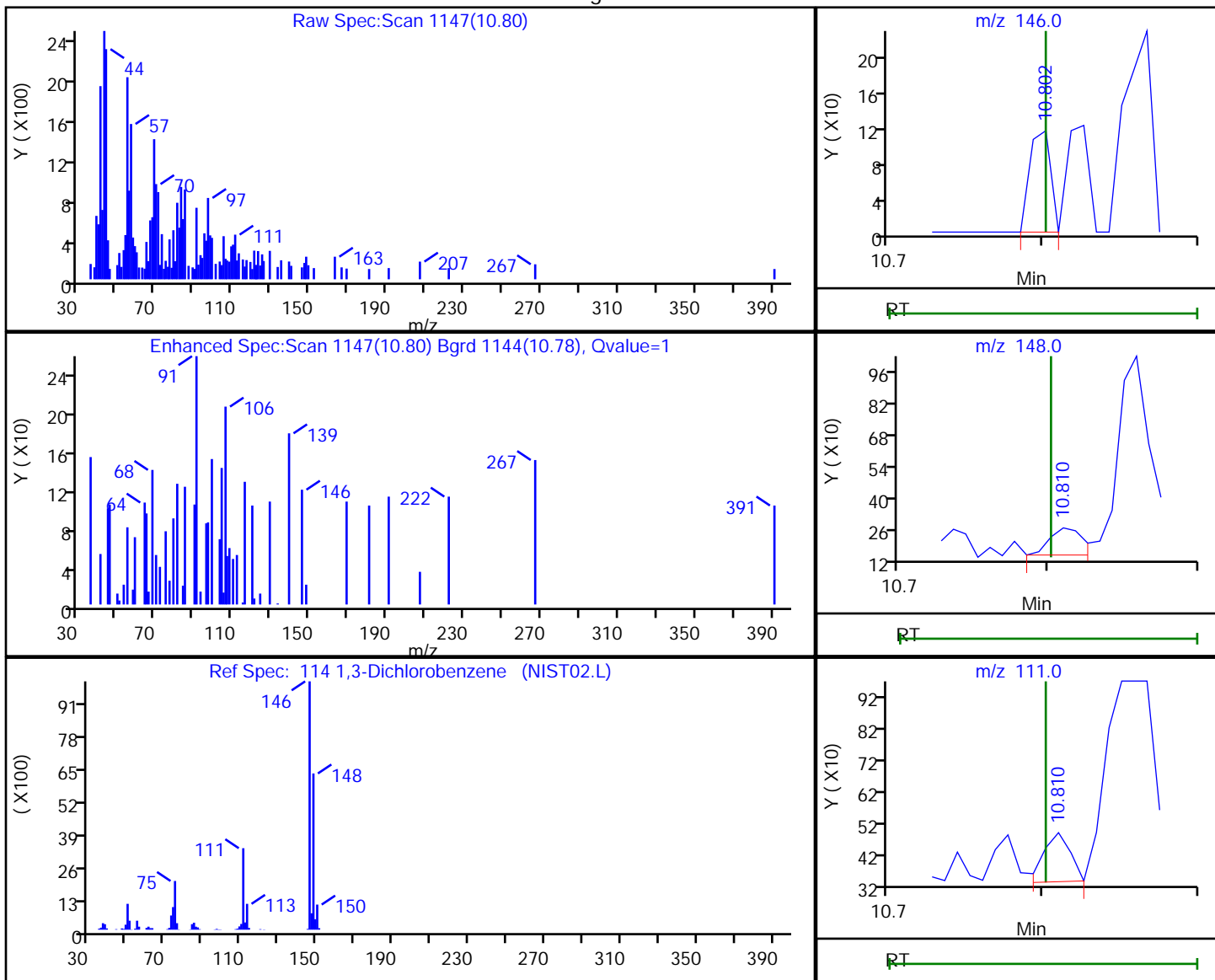
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.80	146.00	109	0.018544
10.81	148.00	186	
10.81	111.00	190	

Reviewer: baronm, 26-Aug-2020 16:08:18

Audit Action: Marked Compound Undetected

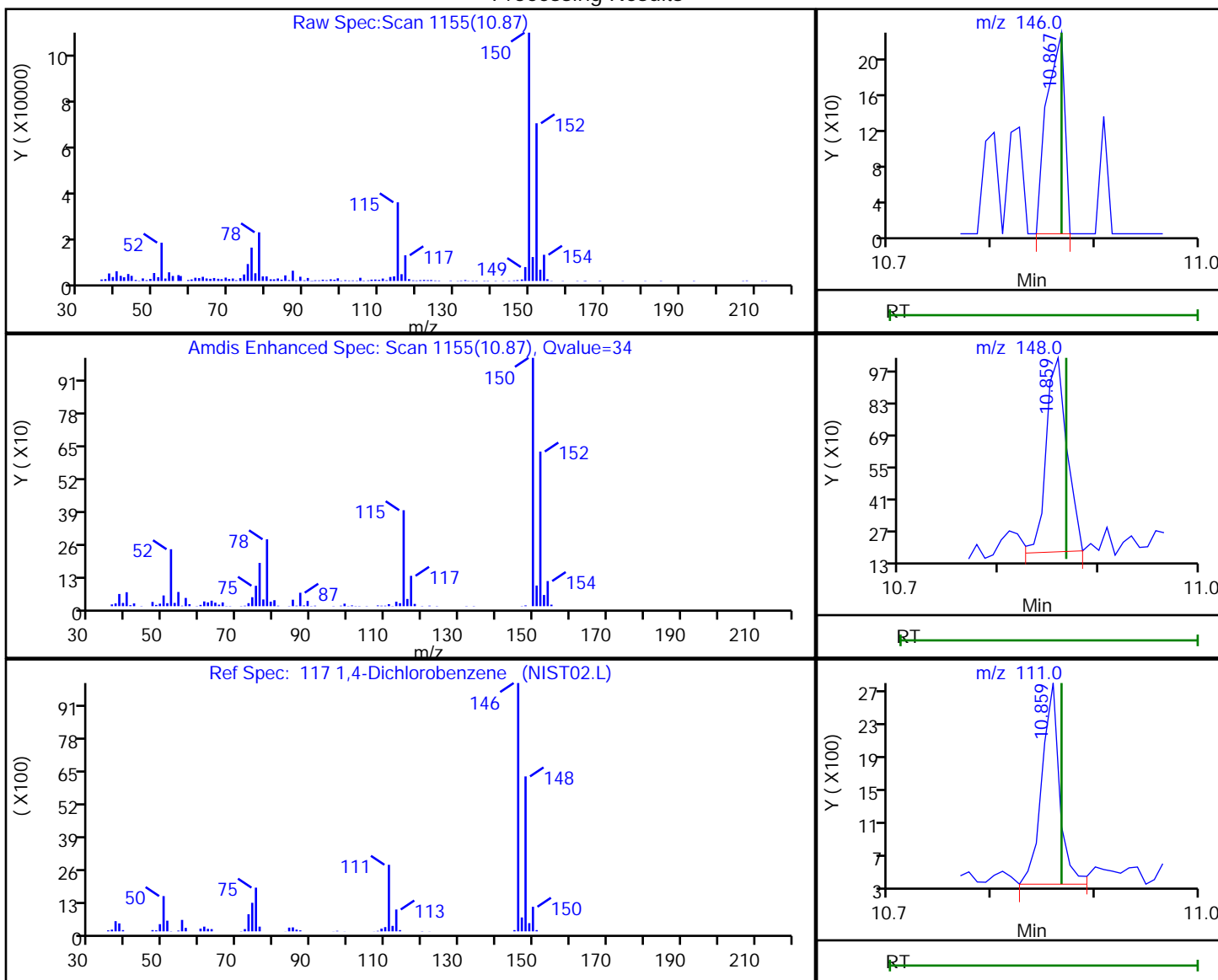
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

117 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.87	146.00	277	0.047433
10.86	148.00	1252	
10.86	111.00	2883	

Reviewer: baronm, 26-Aug-2020 16:08:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

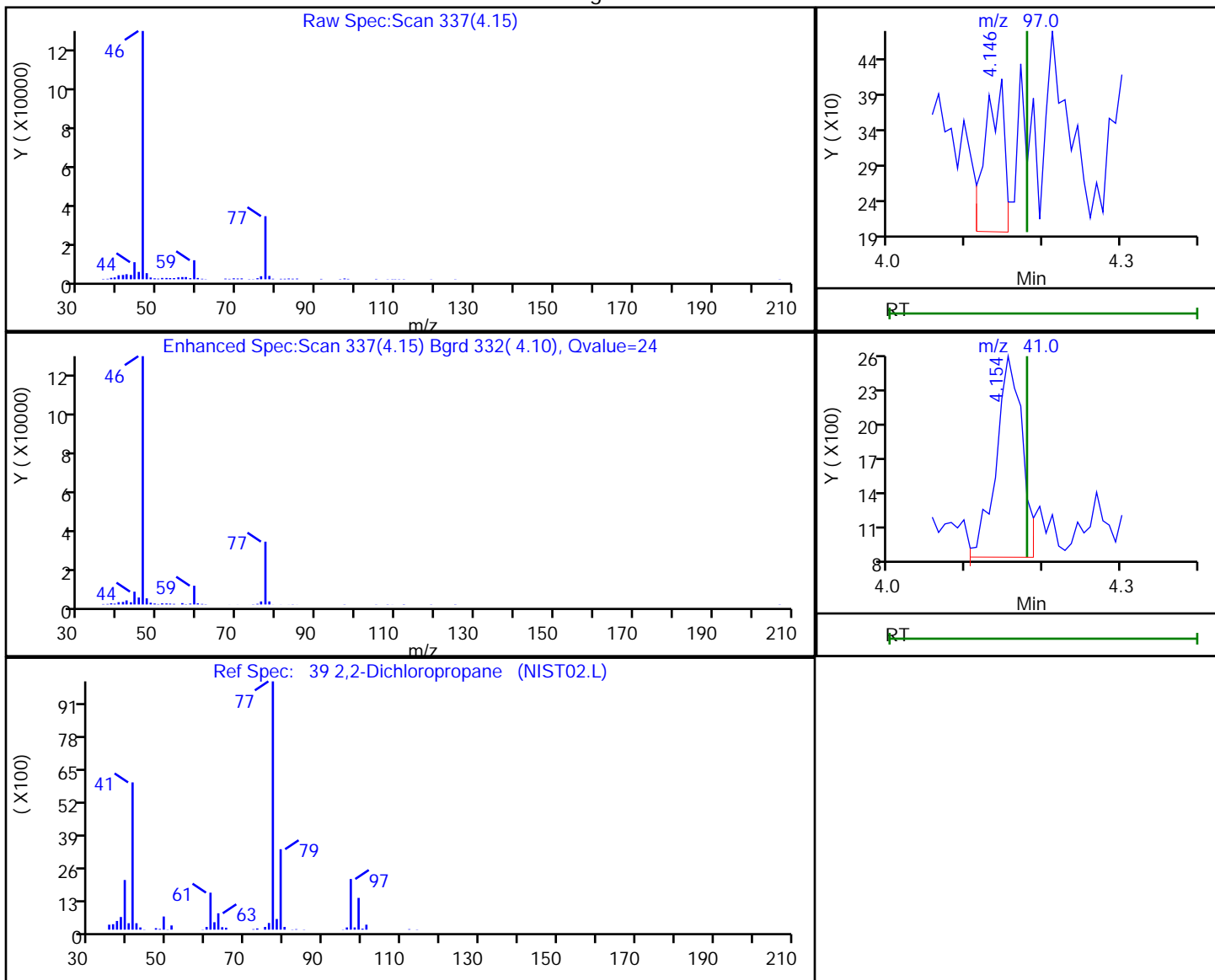
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
4.15	97.00	365	0.435760
4.15	41.00	4106	

Reviewer: baronm, 26-Aug-2020 16:06:55

Audit Action: Marked Compound Undetected

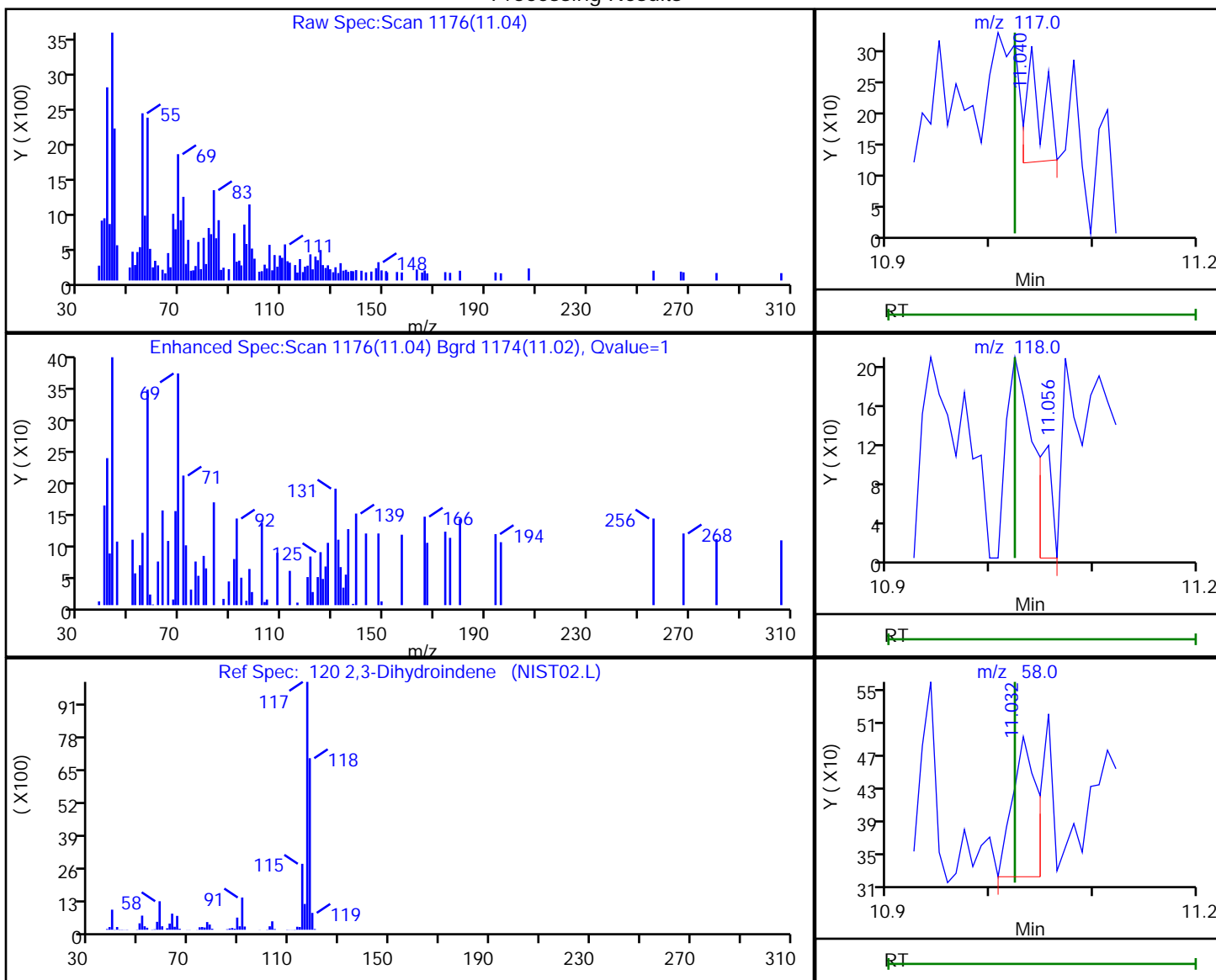
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

120 2,3-Dihydroindene, CAS: 496-11-7

Processing Results



RT	Mass	Response	Amount
11.04	117.00	206	0.017989
11.06	118.00	107	
11.03	58.00	271	

Reviewer: baronm, 26-Aug-2020 16:08:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

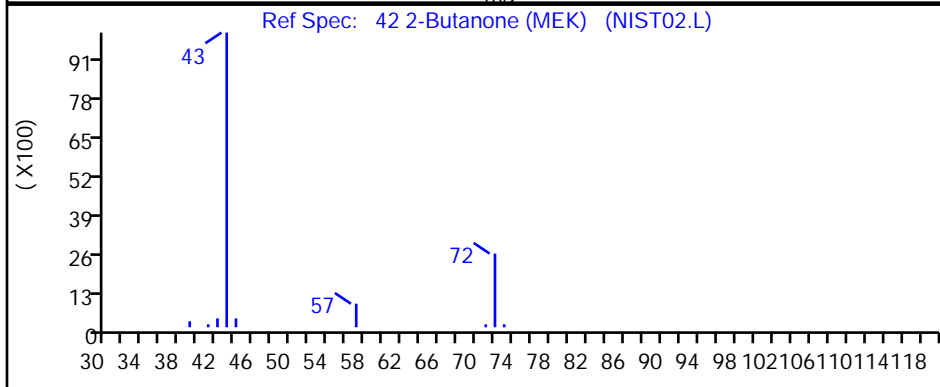
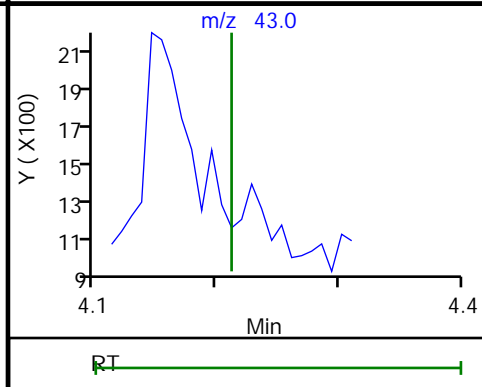
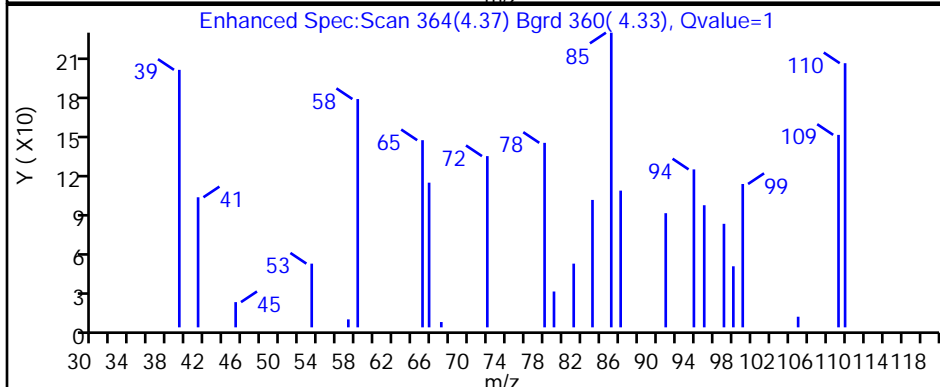
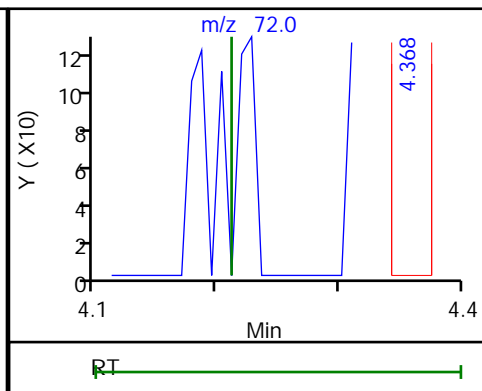
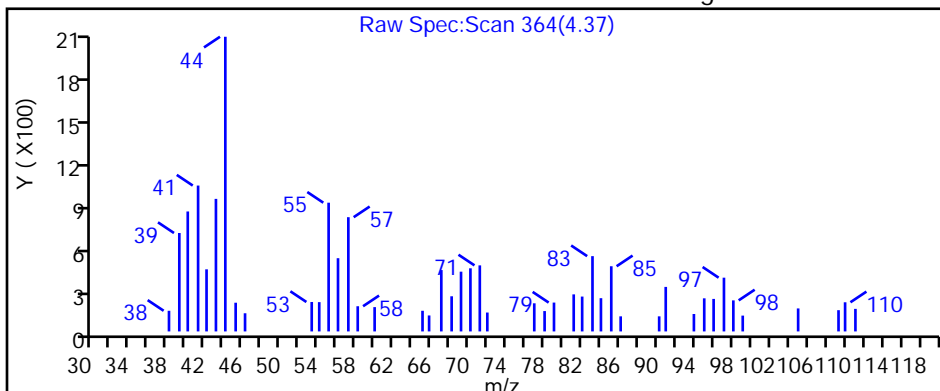
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
4.37	72.00	121	0.310358
4.38	43.00	650	

Reviewer: baronm, 26-Aug-2020 16:06:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

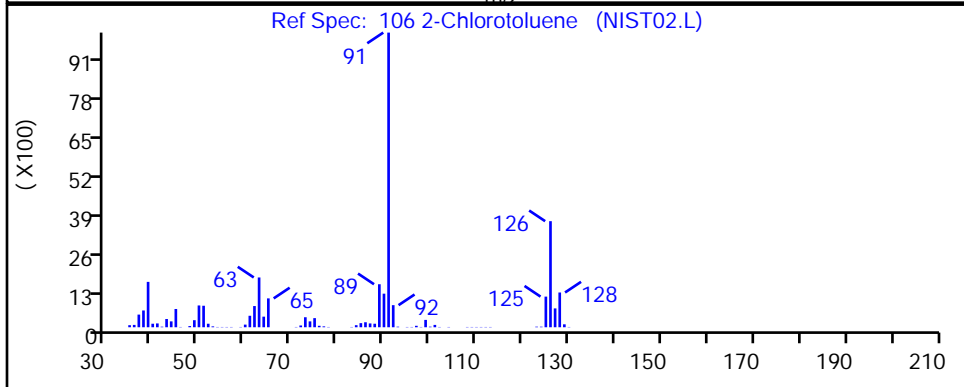
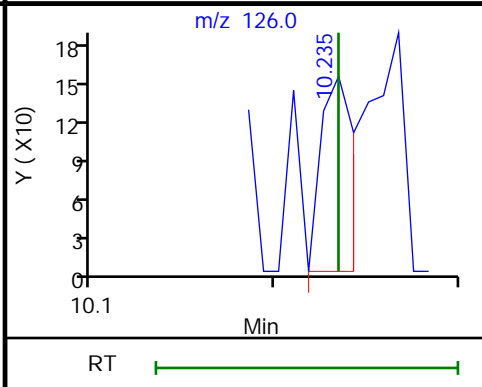
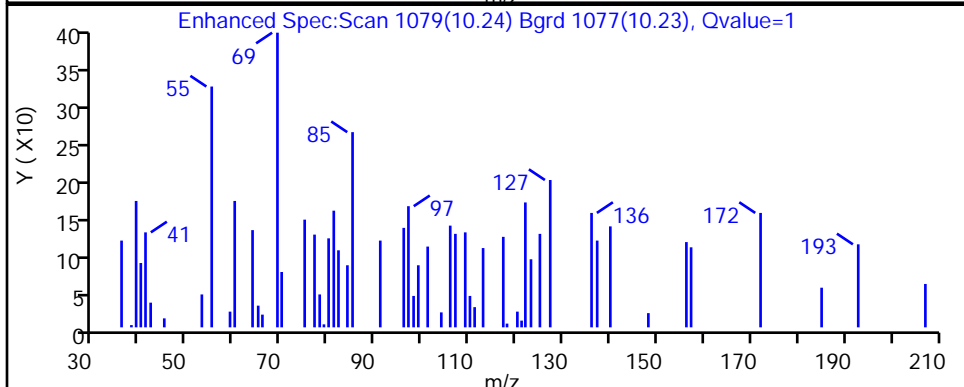
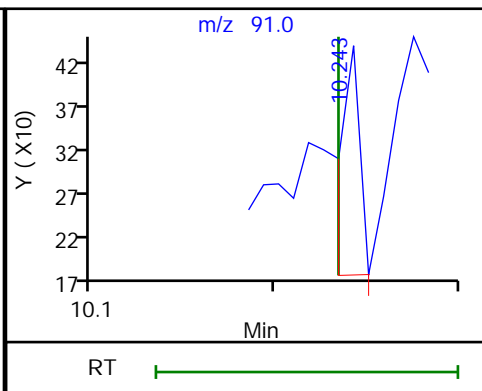
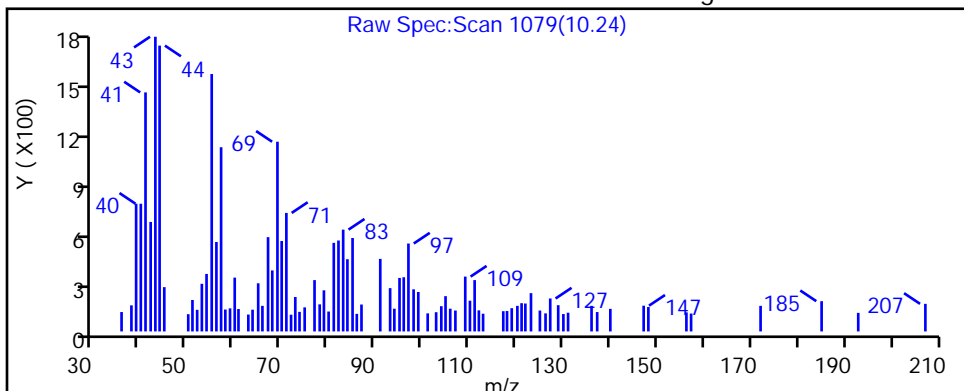
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
10.24	91.00	190	0.018196
10.23	126.00	190	

Reviewer: baronm, 26-Aug-2020 16:08:06

Audit Action: Marked Compound Undetected

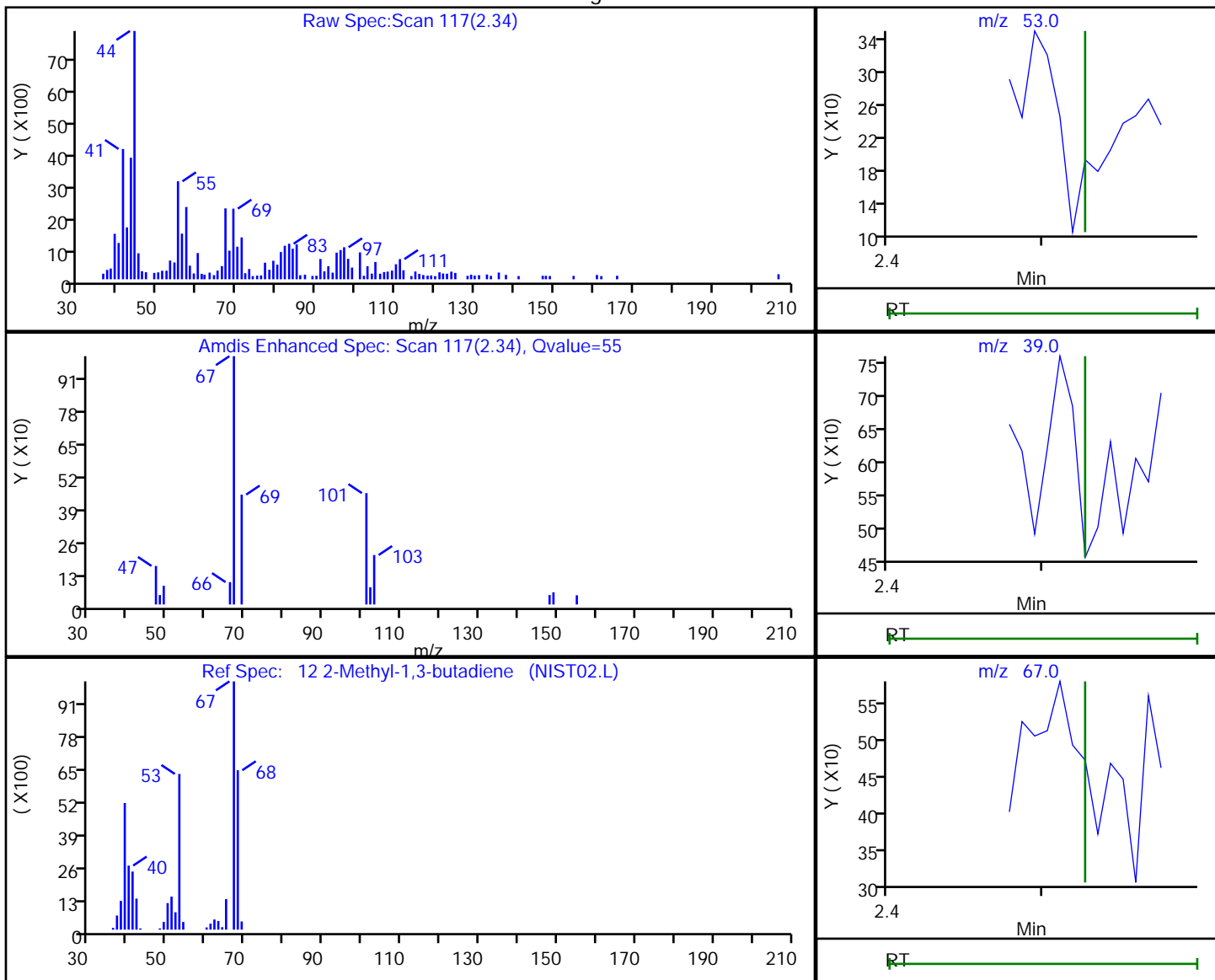
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.34	53.00	527	0.256140
2.33	39.00	1815	
2.33	67.00	10327	

Reviewer: baronm, 26-Aug-2020 16:06:31

Audit Action: Marked Compound Undetected

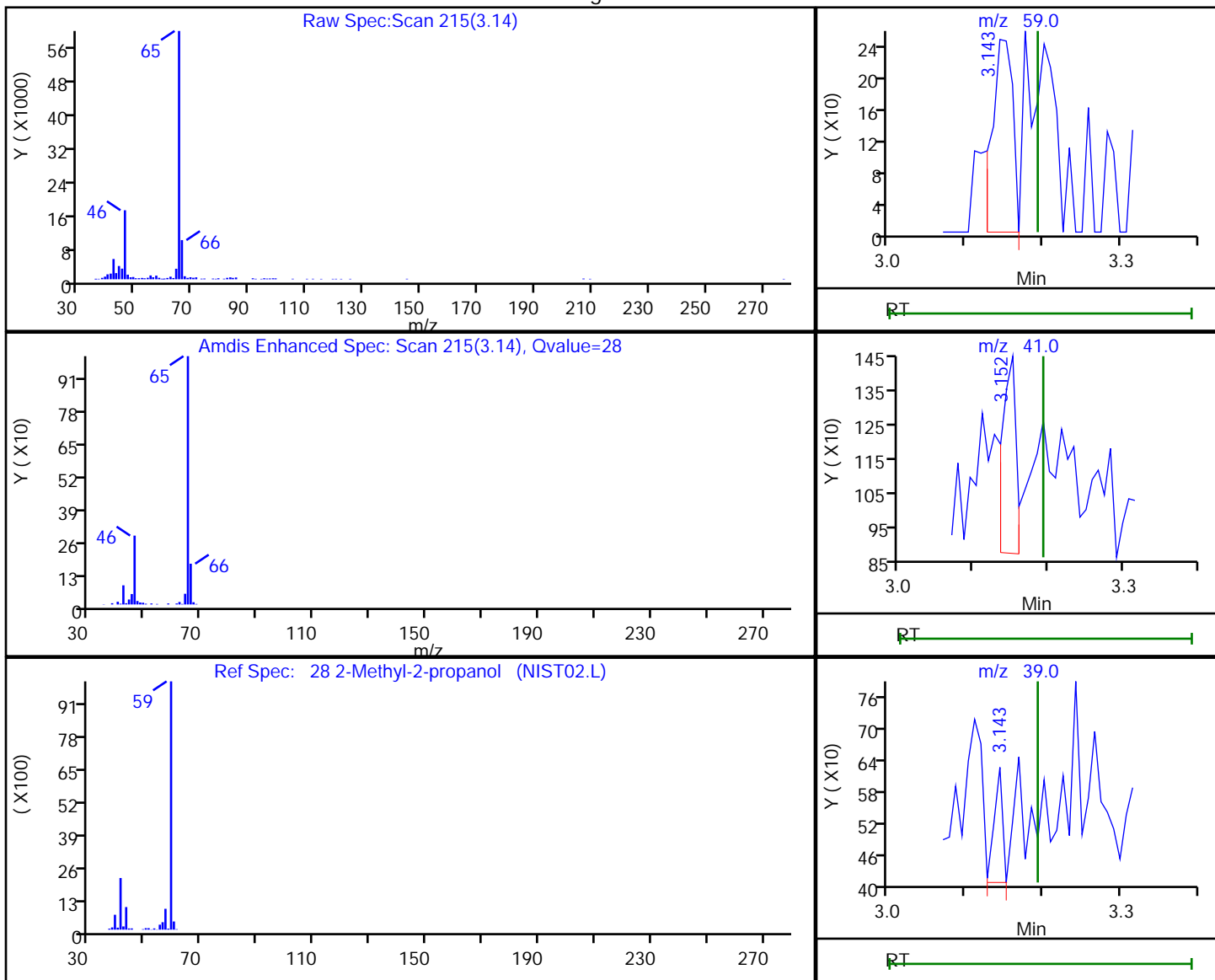
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
3.14	59.00	458	1.215069
3.15	41.00	750	
3.14	39.00	167	

Reviewer: baronm, 26-Aug-2020 16:06:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

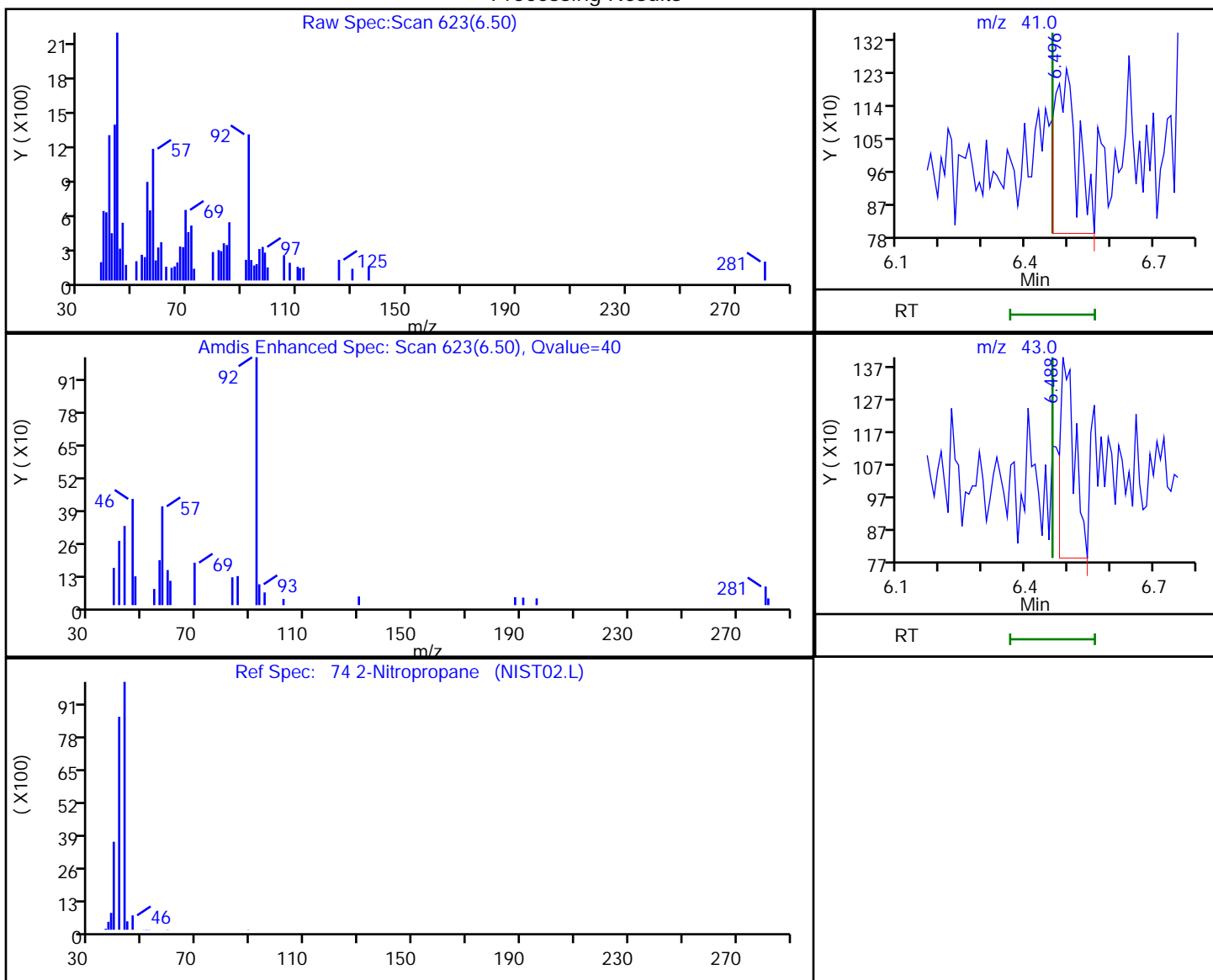
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.50	41.00	1657	1.537286
6.49	43.00	1448	

Reviewer: baronm, 26-Aug-2020 16:07:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

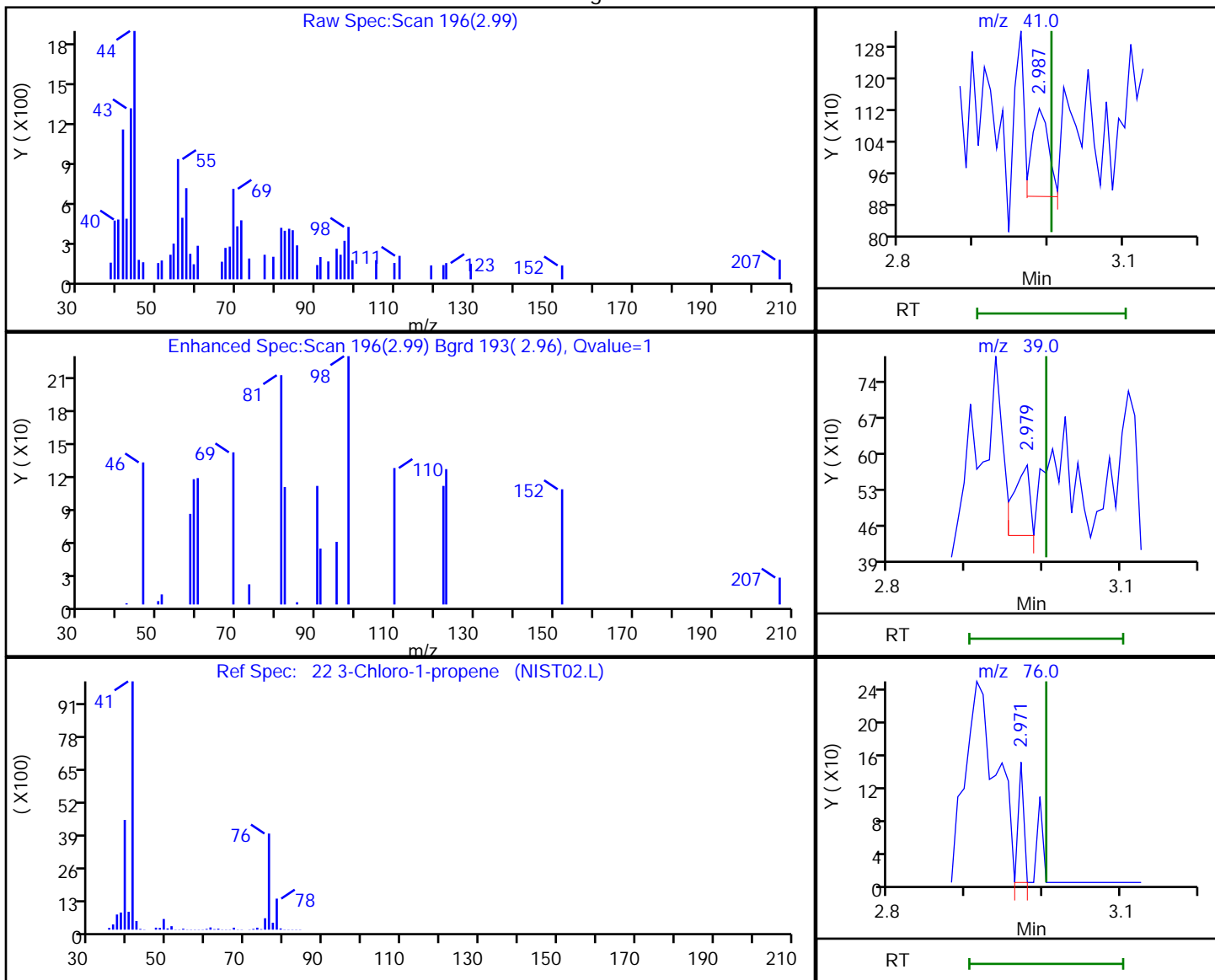
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
2.99	41.00	350	0.068180
2.98	39.00	196	
2.97	76.00	72	

Reviewer: baronm, 26-Aug-2020 16:06:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

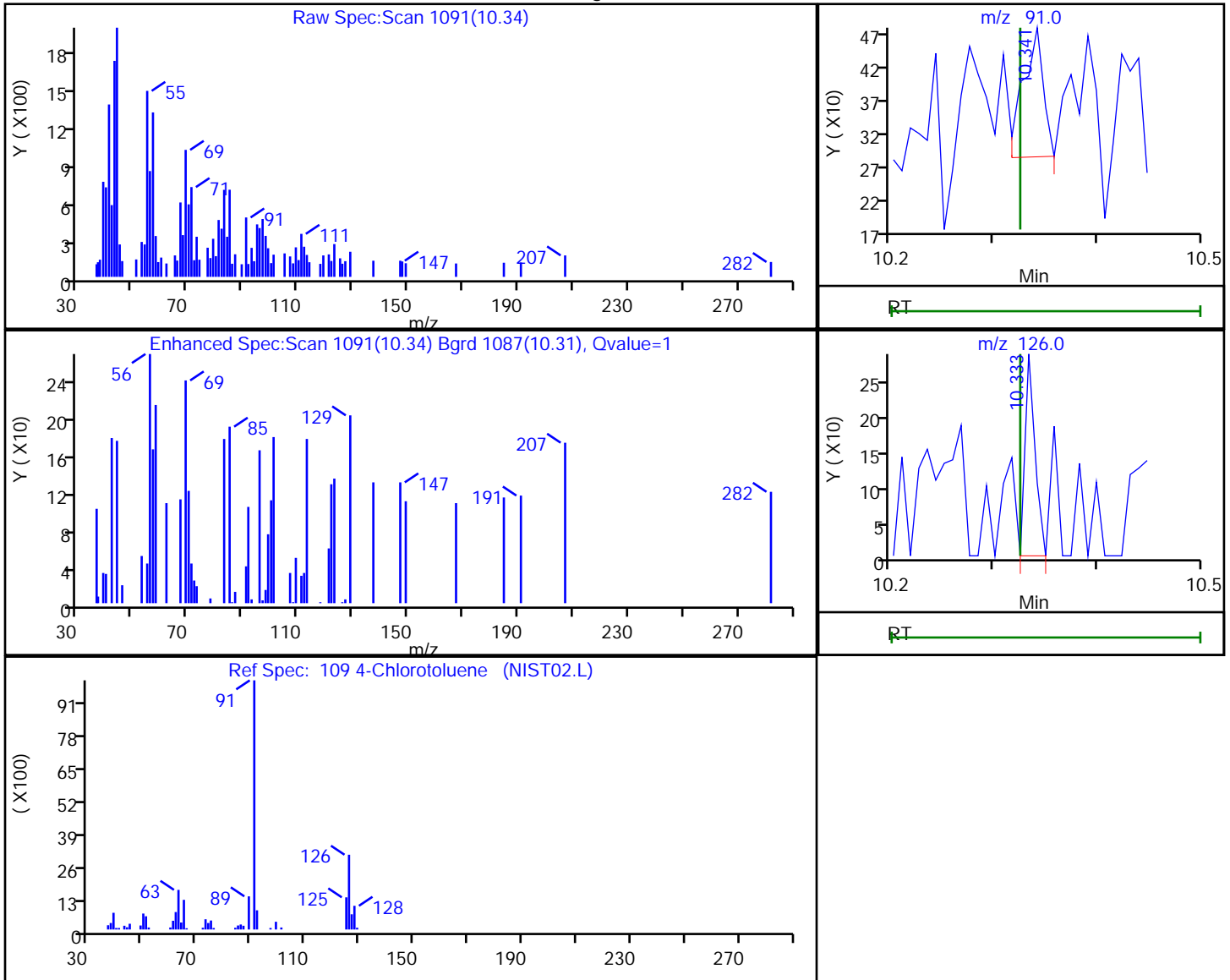
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Processing Results



RT	Mass	Response	Amount
10.34	91.00	254	0.027738
10.33	126.00	193	

Reviewer: baronm, 26-Aug-2020 16:08:10

Audit Action: Marked Compound Undetected

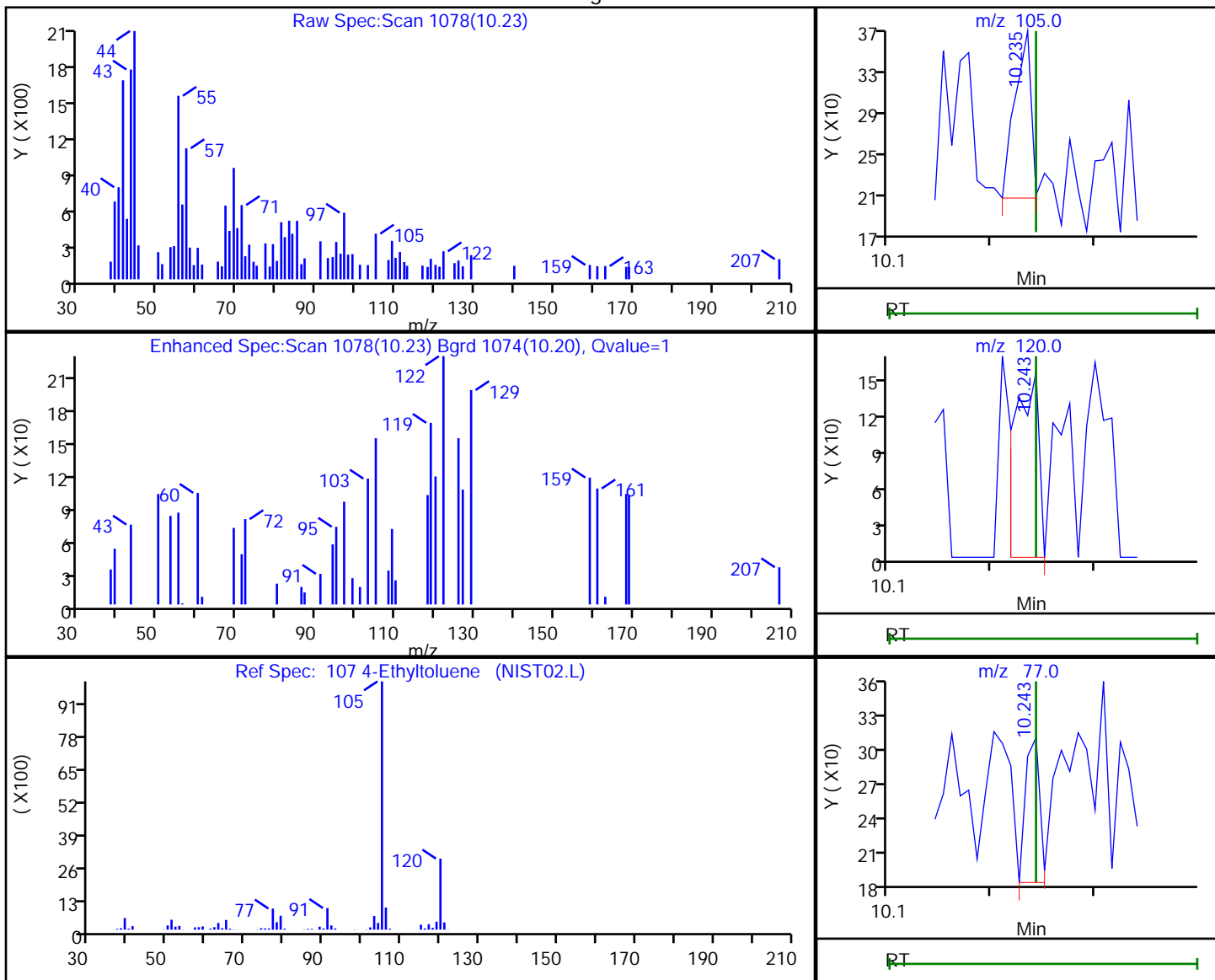
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

107 4-Ethyltoluene, CAS: 622-96-8

Processing Results



RT	Mass	Response	Amount
10.23	105.00	176	0.013990
10.24	120.00	250	
10.24	77.00	119	

Reviewer: baronm, 26-Aug-2020 16:08:07

Audit Action: Marked Compound Undetected

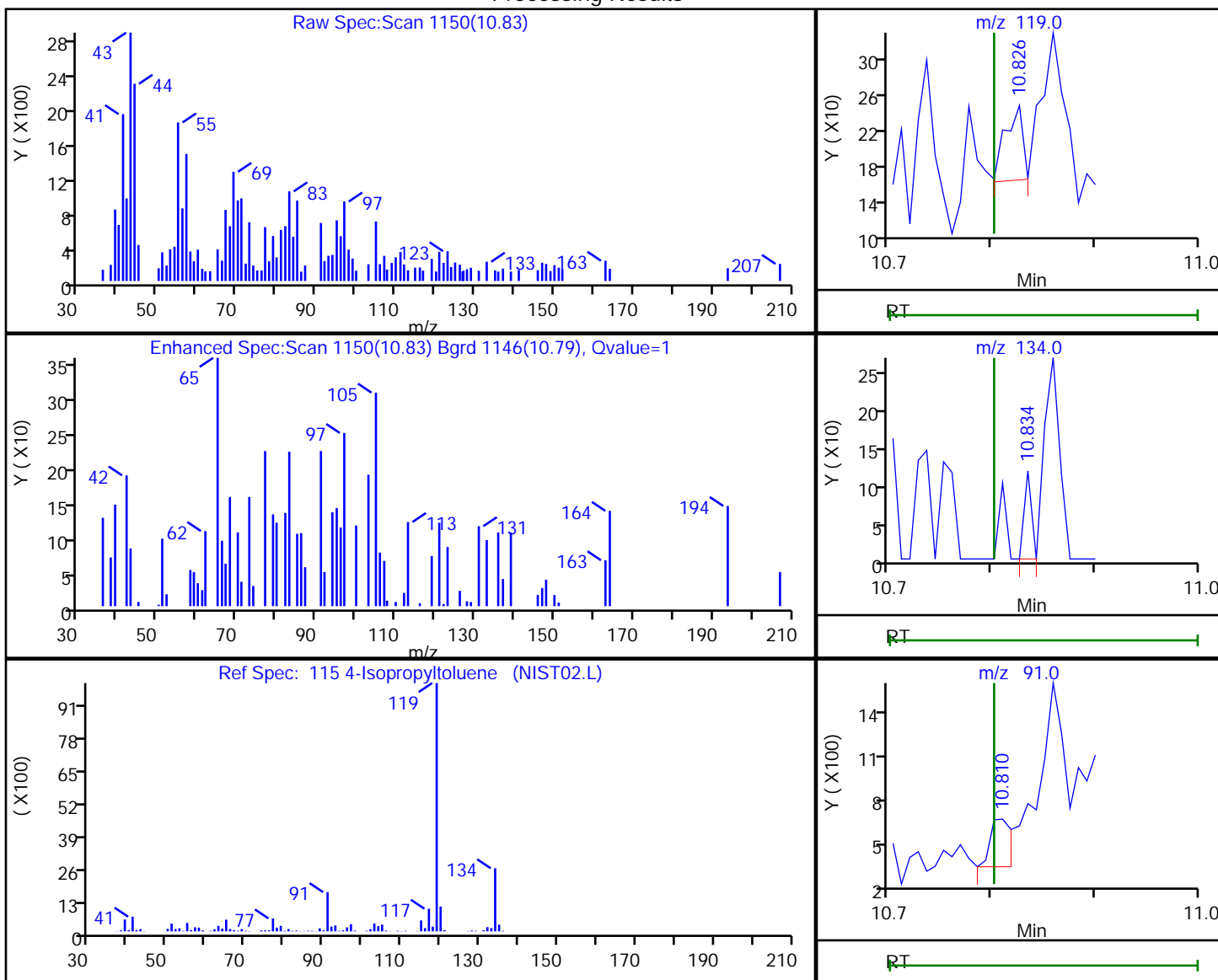
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

115 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.83	119.00	97	0.008264
10.83	134.00	57	
10.81	91.00	443	

Reviewer: baronm, 26-Aug-2020 16:08:19

Audit Action: Marked Compound Undetected

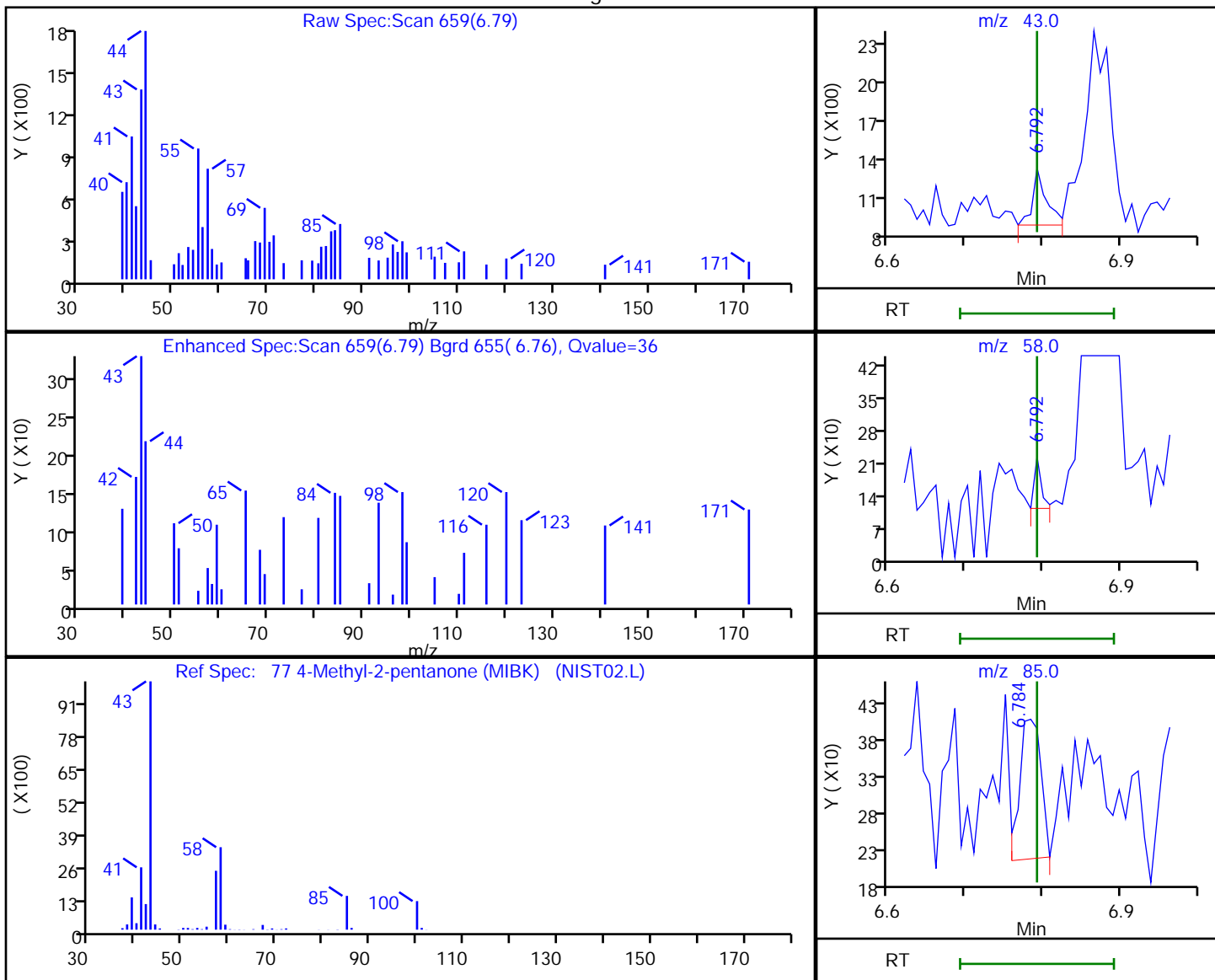
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.79	43.00	527	0.168415
6.79	58.00	70	
6.78	85.00	372	
6.79	100.00	0	

Reviewer: baronm, 26-Aug-2020 16:07:39

Audit Action: Marked Compound Undetected

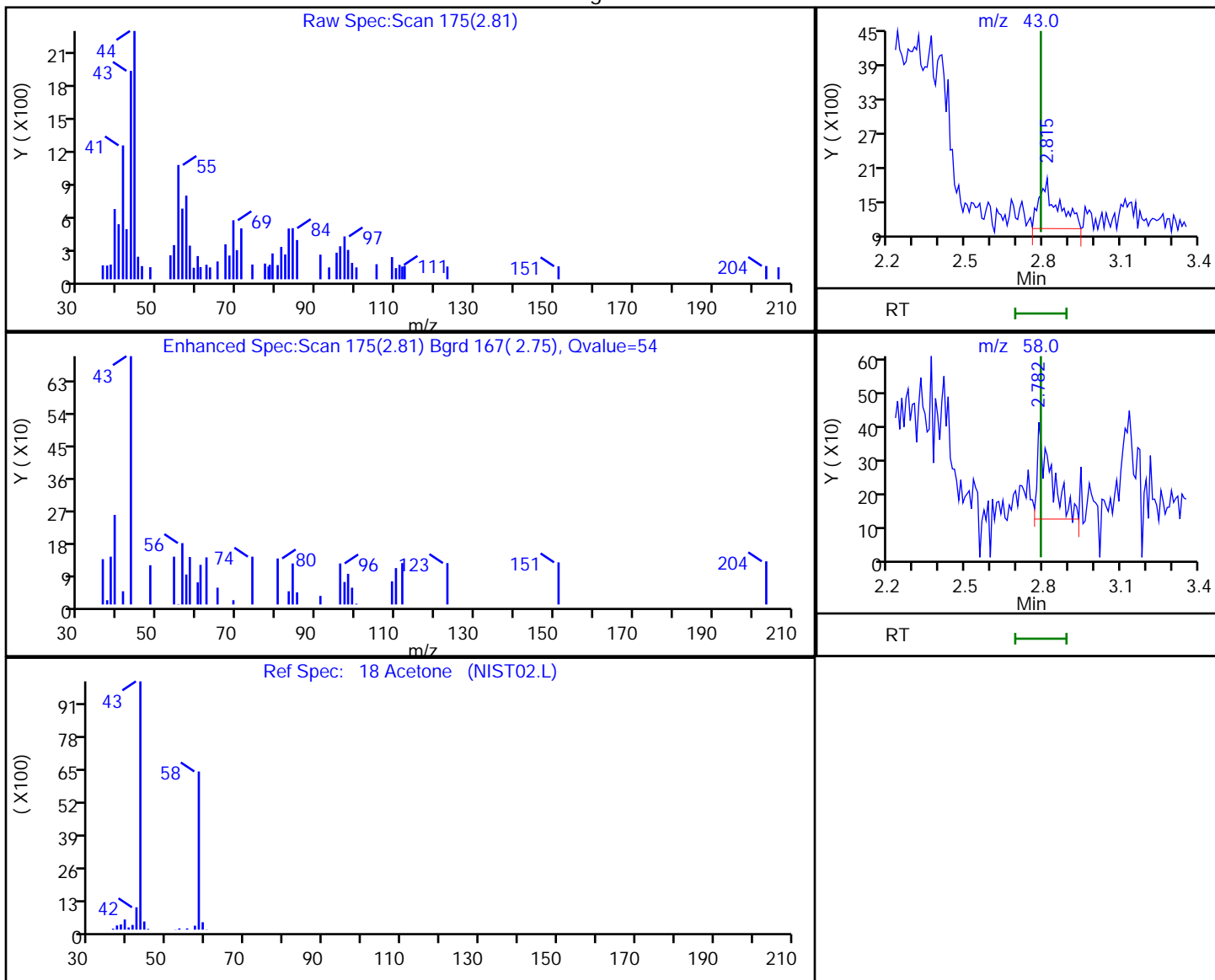
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
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 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.81	43.00	4410	4.839233
2.78	58.00	1058	

Reviewer: baronm, 26-Aug-2020 16:06:35

Audit Action: Marked Compound Undetected

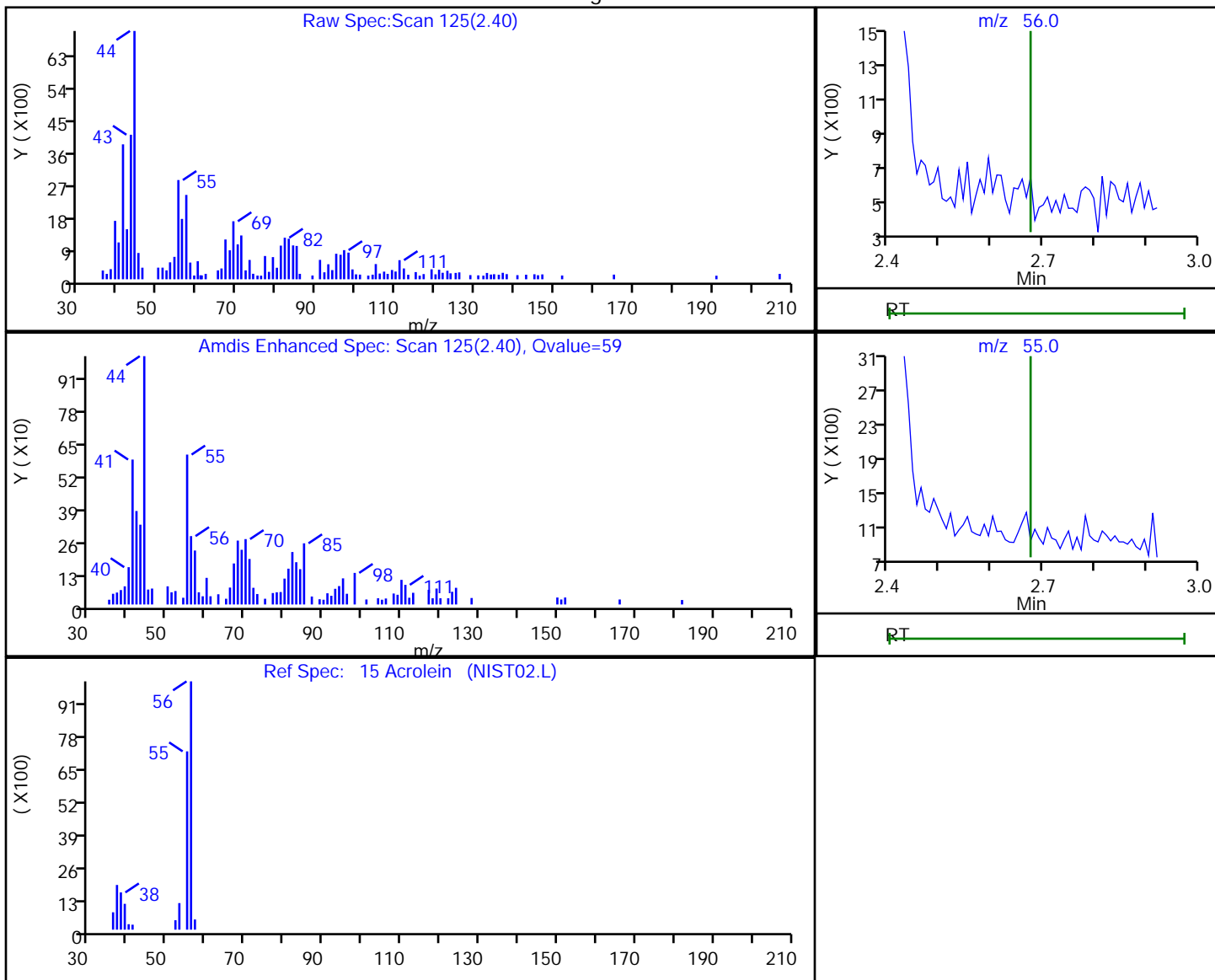
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
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

15 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.40	56.00	3312	16.908582
2.39	55.00	7227	

Reviewer: baronm, 26-Aug-2020 16:06:34

Audit Action: Marked Compound Undetected

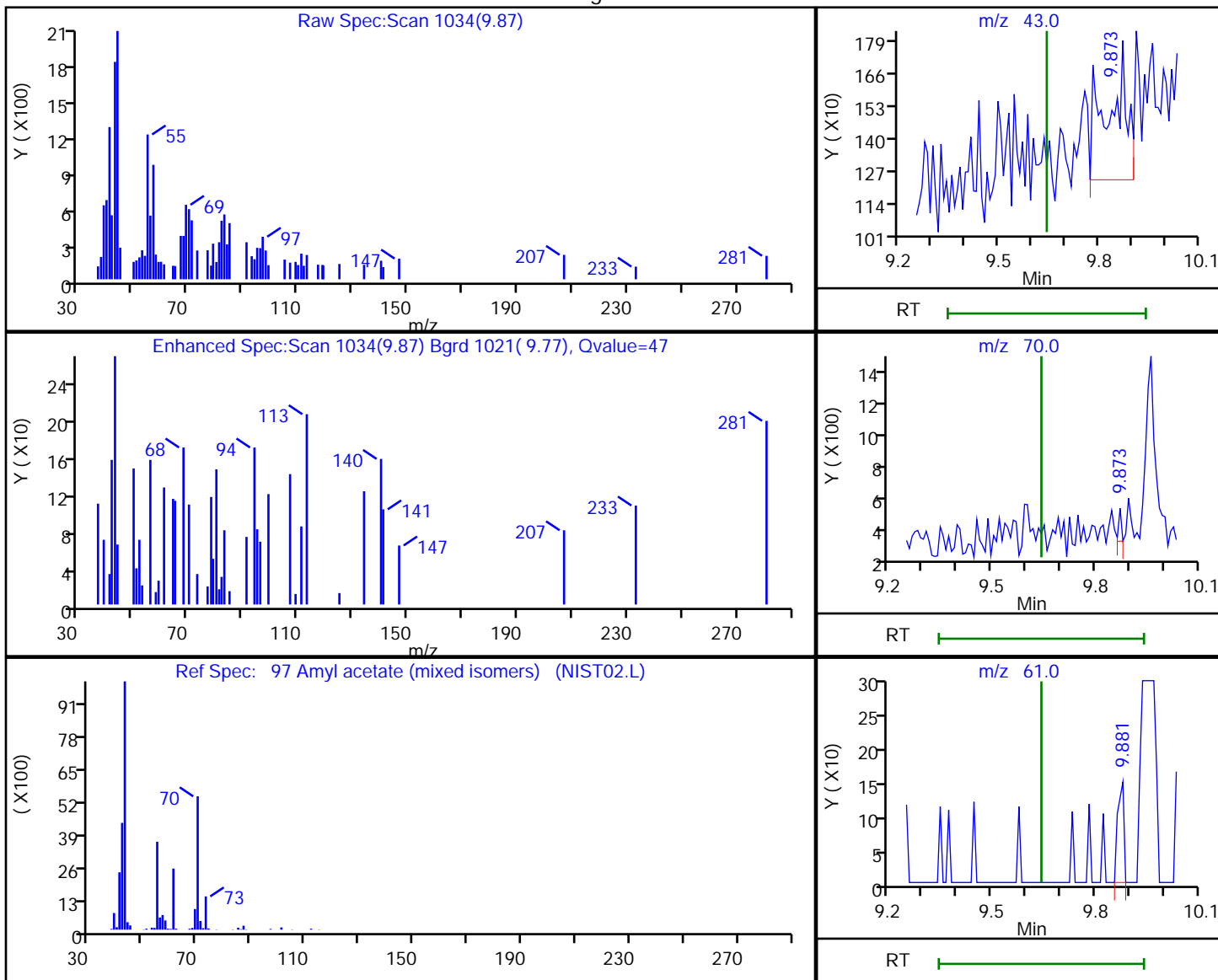
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

97 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
9.87	43.00	2222	0.369517
9.87	70.00	104	
9.88	61.00	182	

Reviewer: baronm, 26-Aug-2020 16:07:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

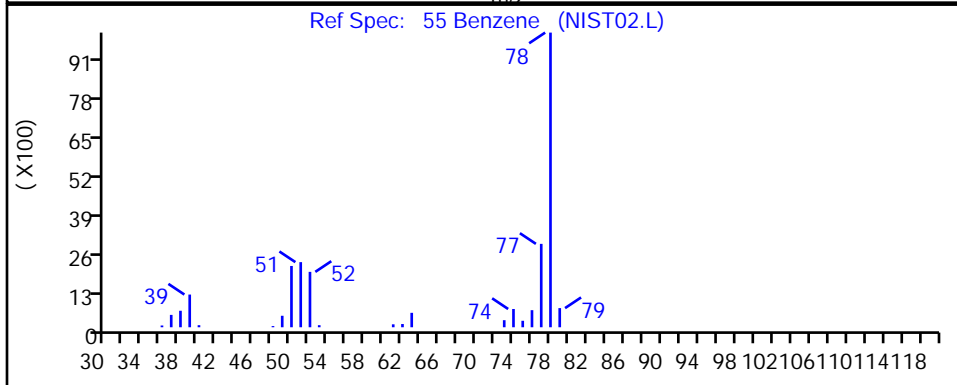
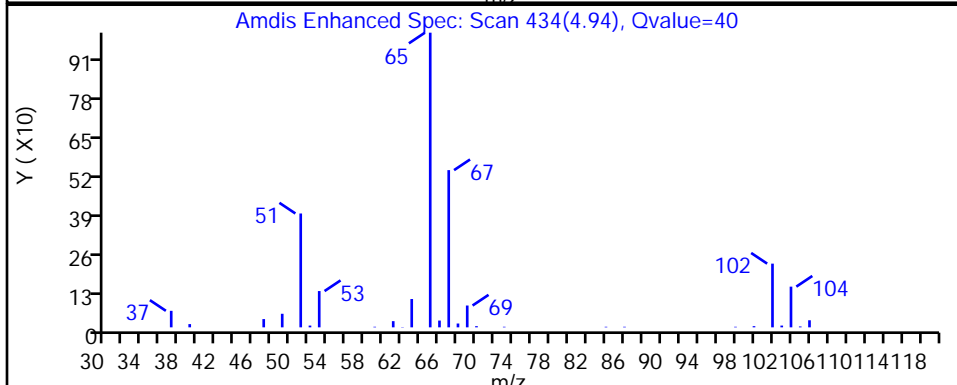
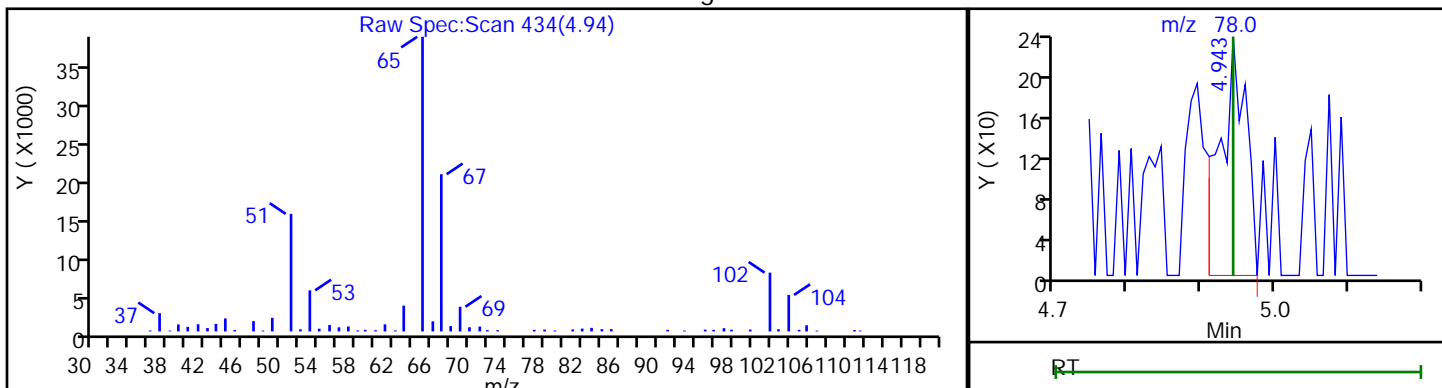
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

55 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.94	78.00	576	0.057371

Reviewer: baronm, 26-Aug-2020 16:07:11

Audit Action: Marked Compound Undetected

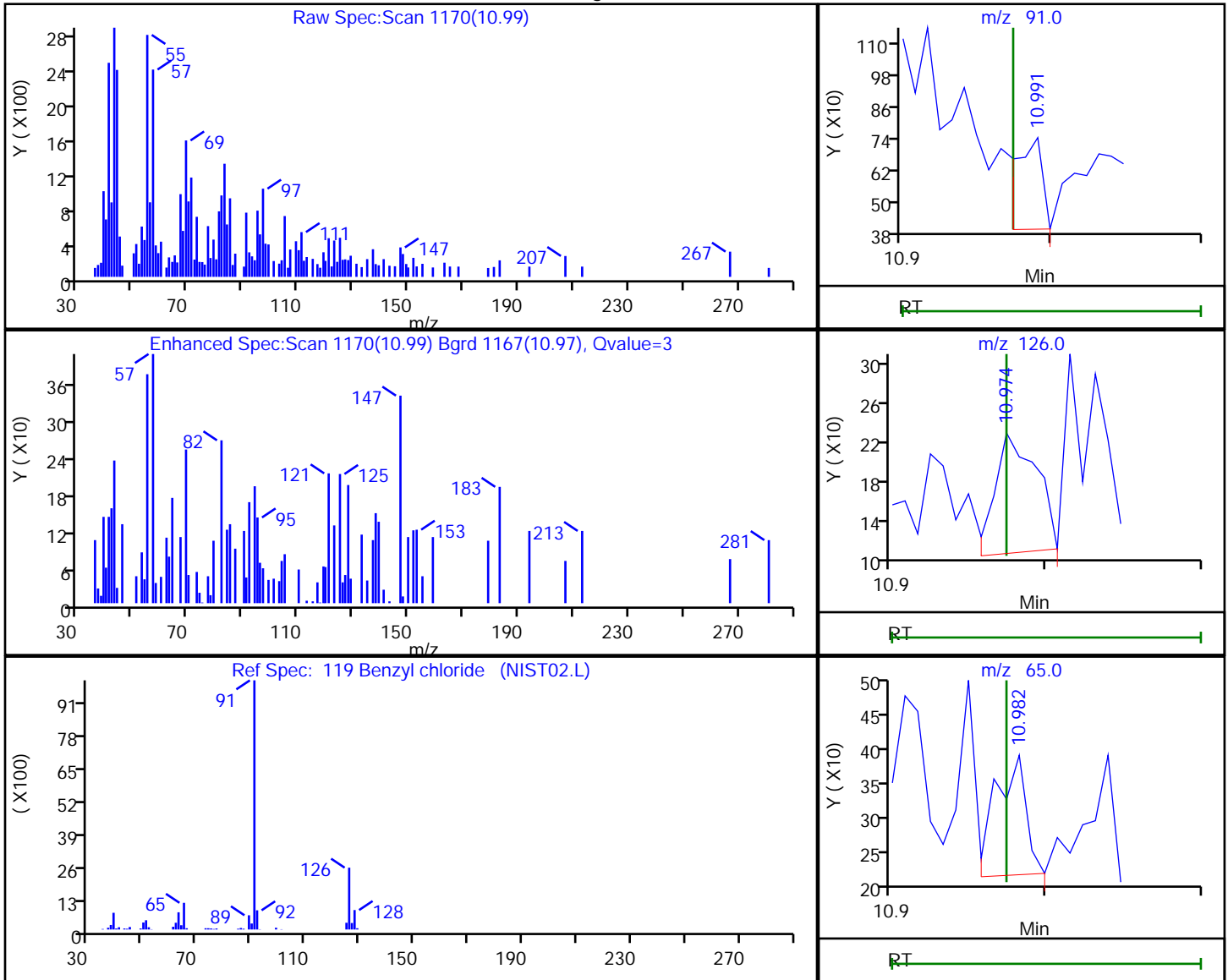
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

119 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
10.99	91.00	441	0.067140
10.97	126.00	225	
10.98	65.00	245	

Reviewer: baronm, 26-Aug-2020 16:08:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

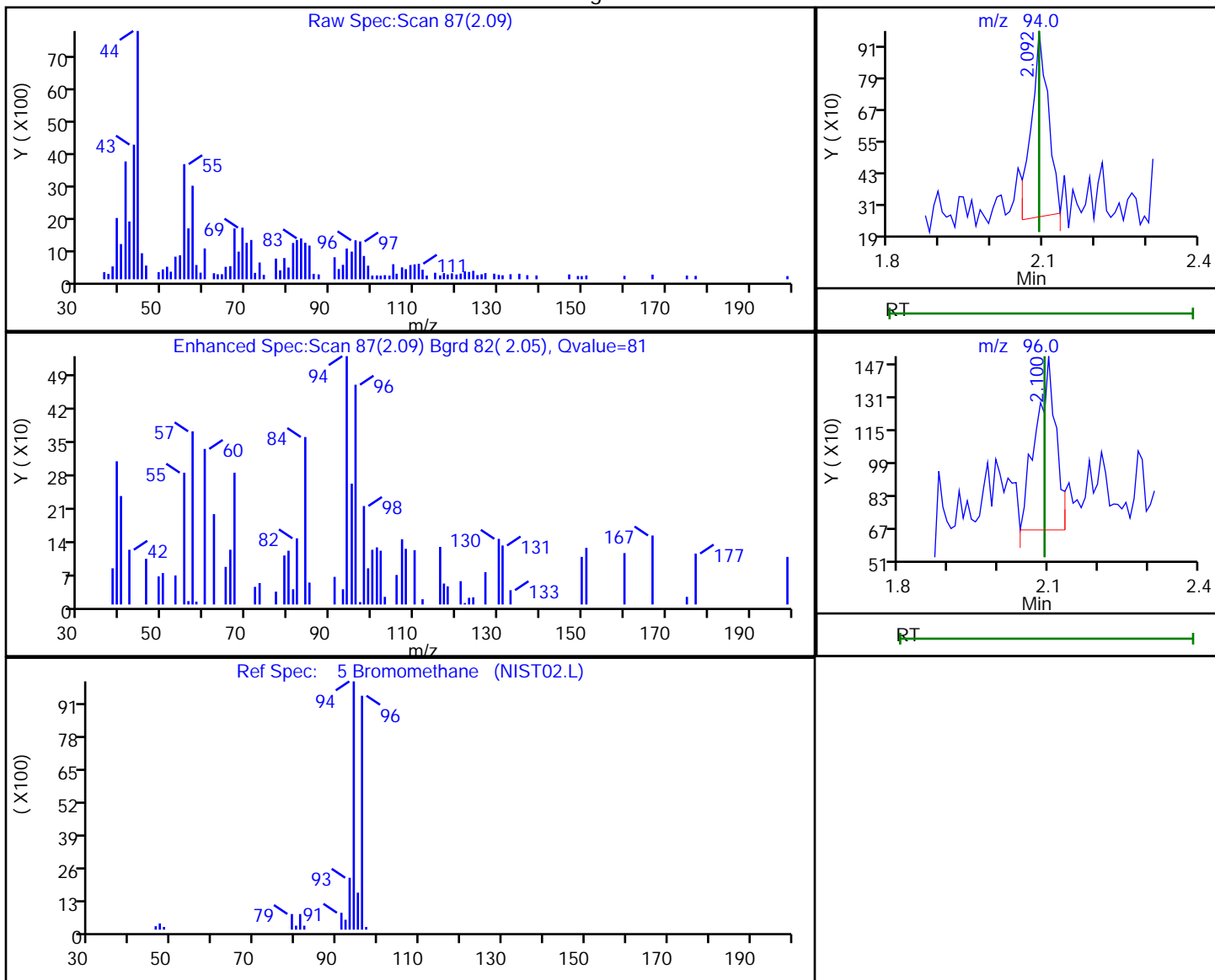
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.09	94.00	1620	0.447369
2.10	96.00	2391	

Reviewer: baronm, 26-Aug-2020 16:05:47

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

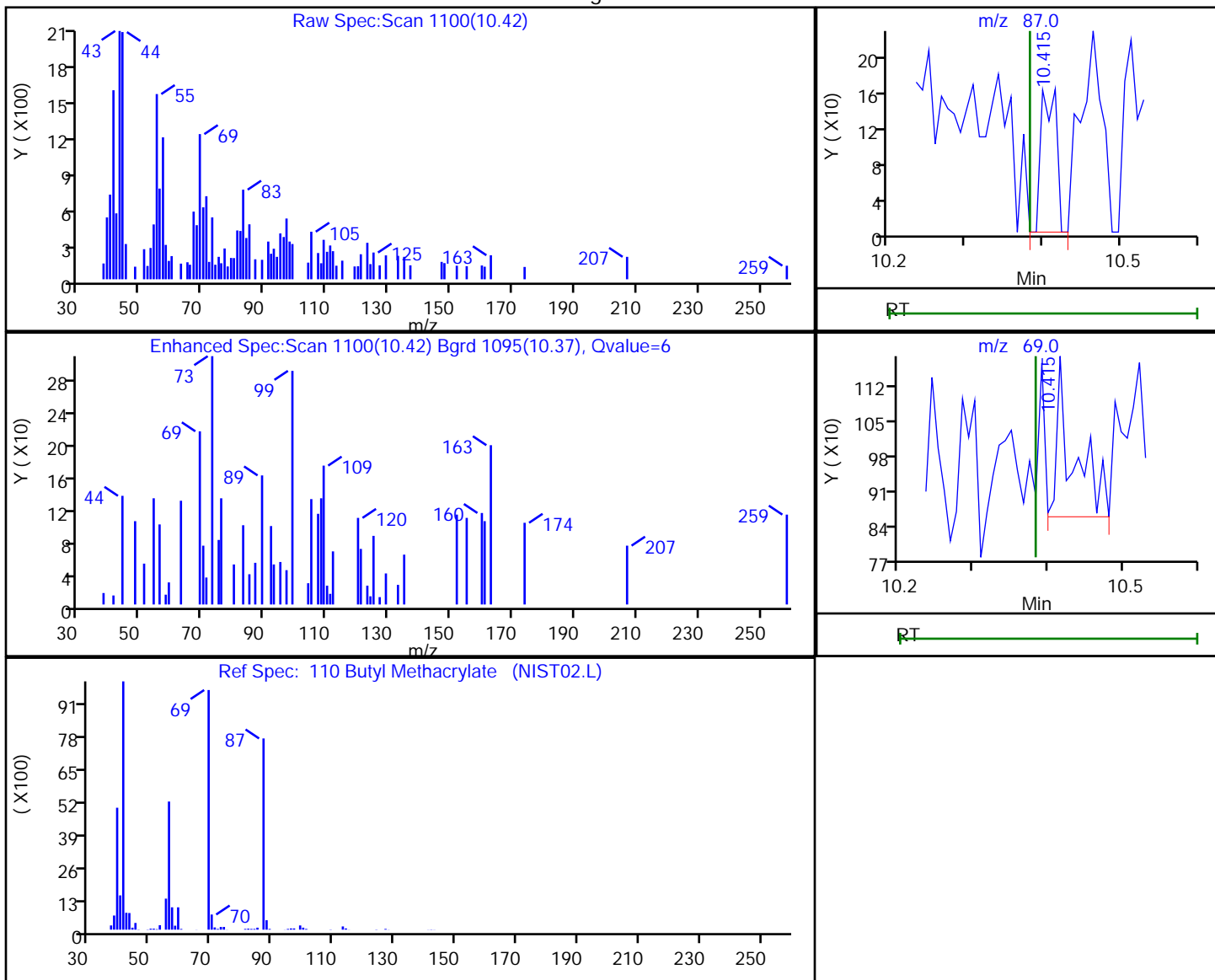
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

110 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
10.42	87.00	221	0.051449
10.42	69.00	500	

Reviewer: baronm, 26-Aug-2020 16:08:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

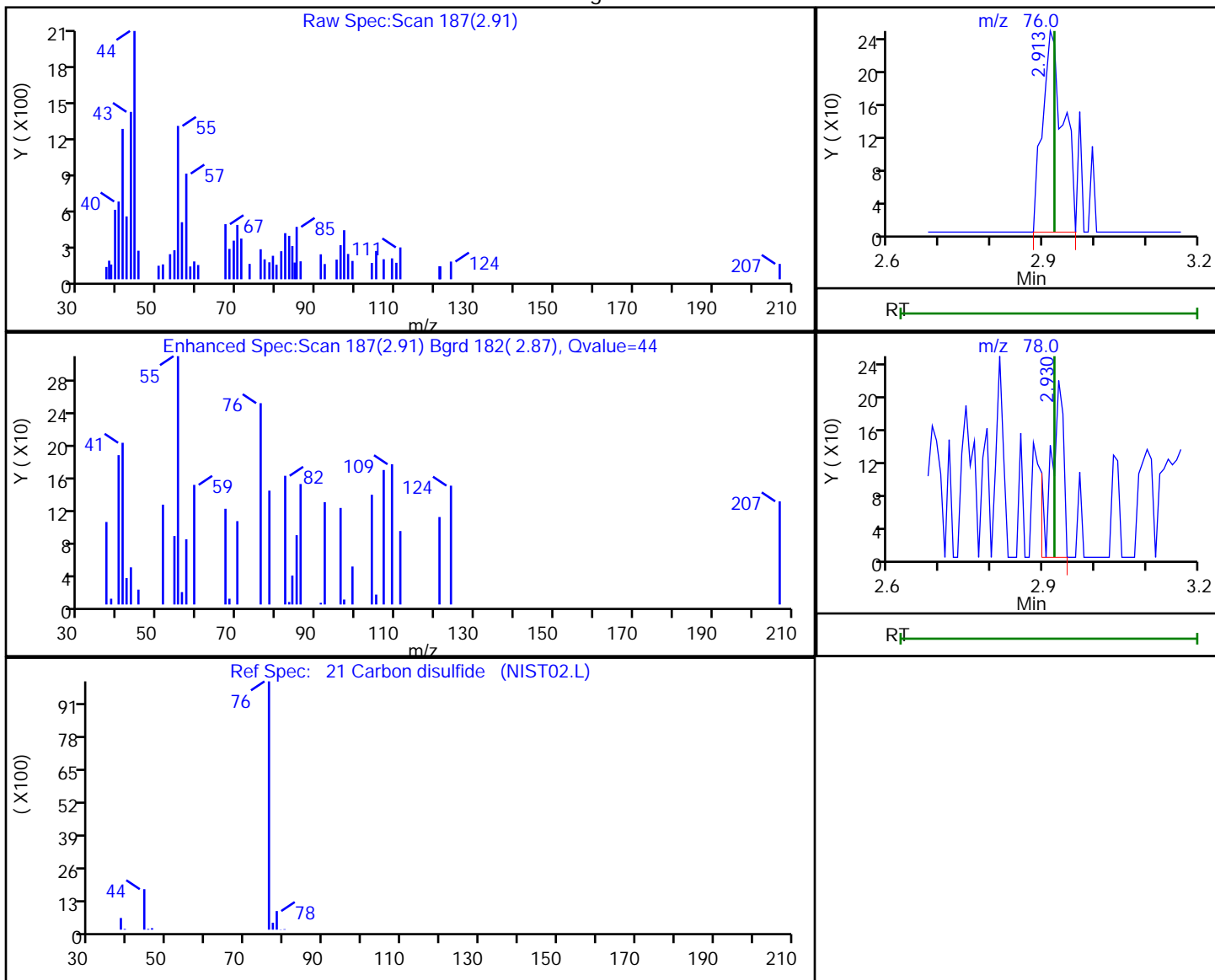
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

21 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
2.91	76.00	688	0.068382
2.93	78.00	363	

Reviewer: baronm, 26-Aug-2020 16:06:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

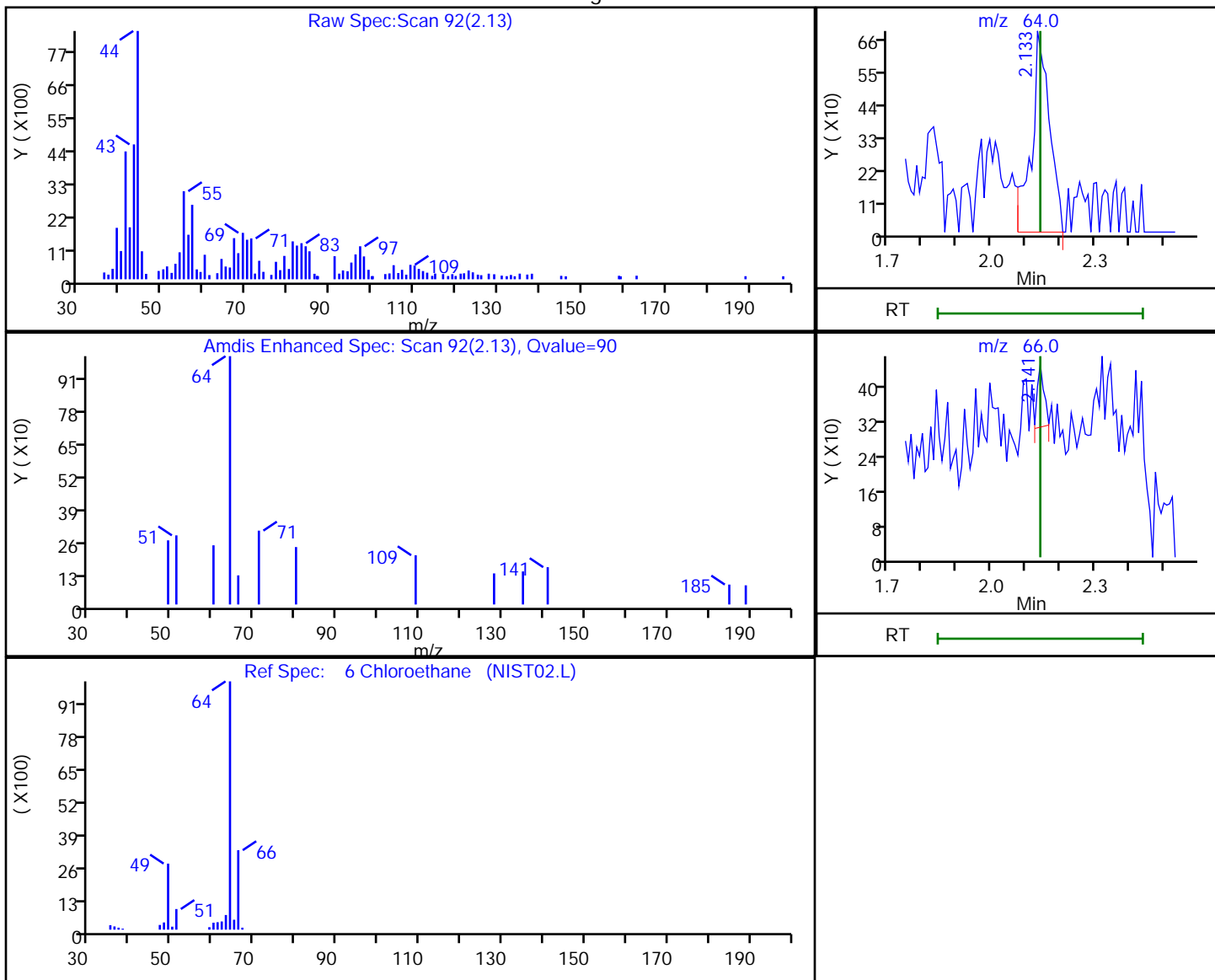
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.13	64.00	2508	0.736628
2.14	66.00	197	

Reviewer: baronm, 26-Aug-2020 16:05:48

Audit Action: Marked Compound Undetected

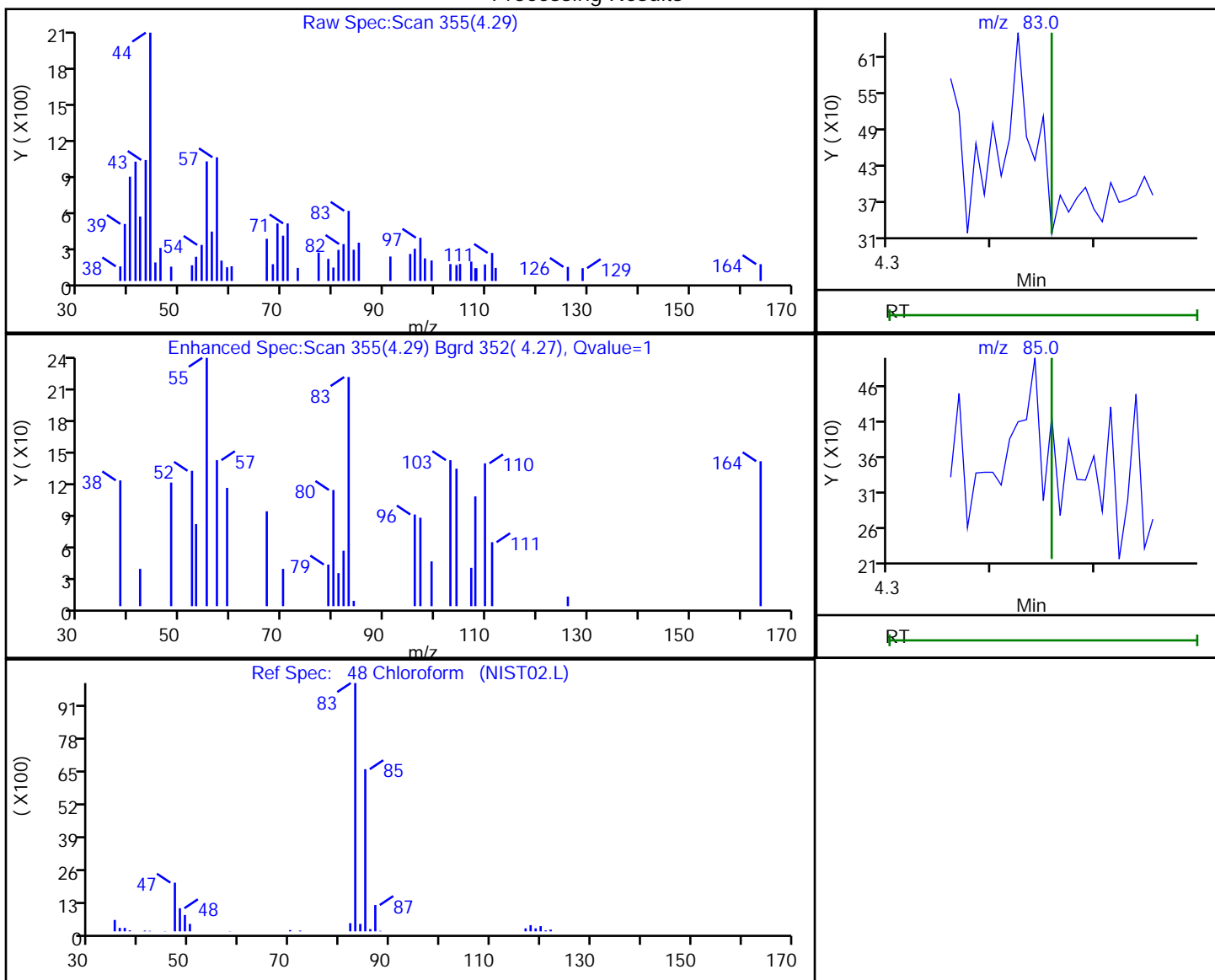
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.29	83.00	333	0.068511
4.29	85.00	353	

Reviewer: baronm, 26-Aug-2020 16:07:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

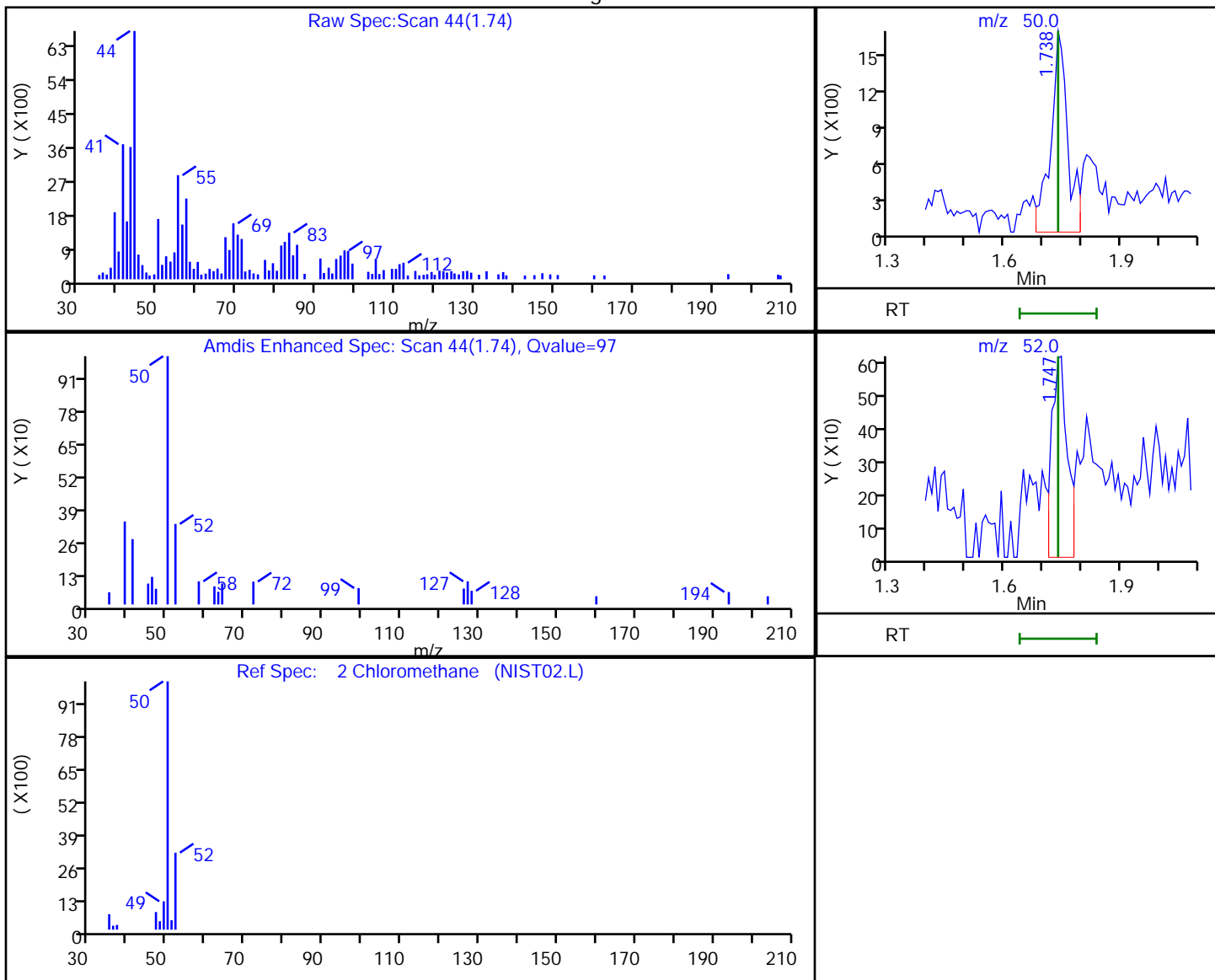
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

2 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.74	50.00	4942	0.953815
1.75	52.00	1752	

Reviewer: baronm, 26-Aug-2020 16:05:40

Audit Action: Marked Compound Undetected

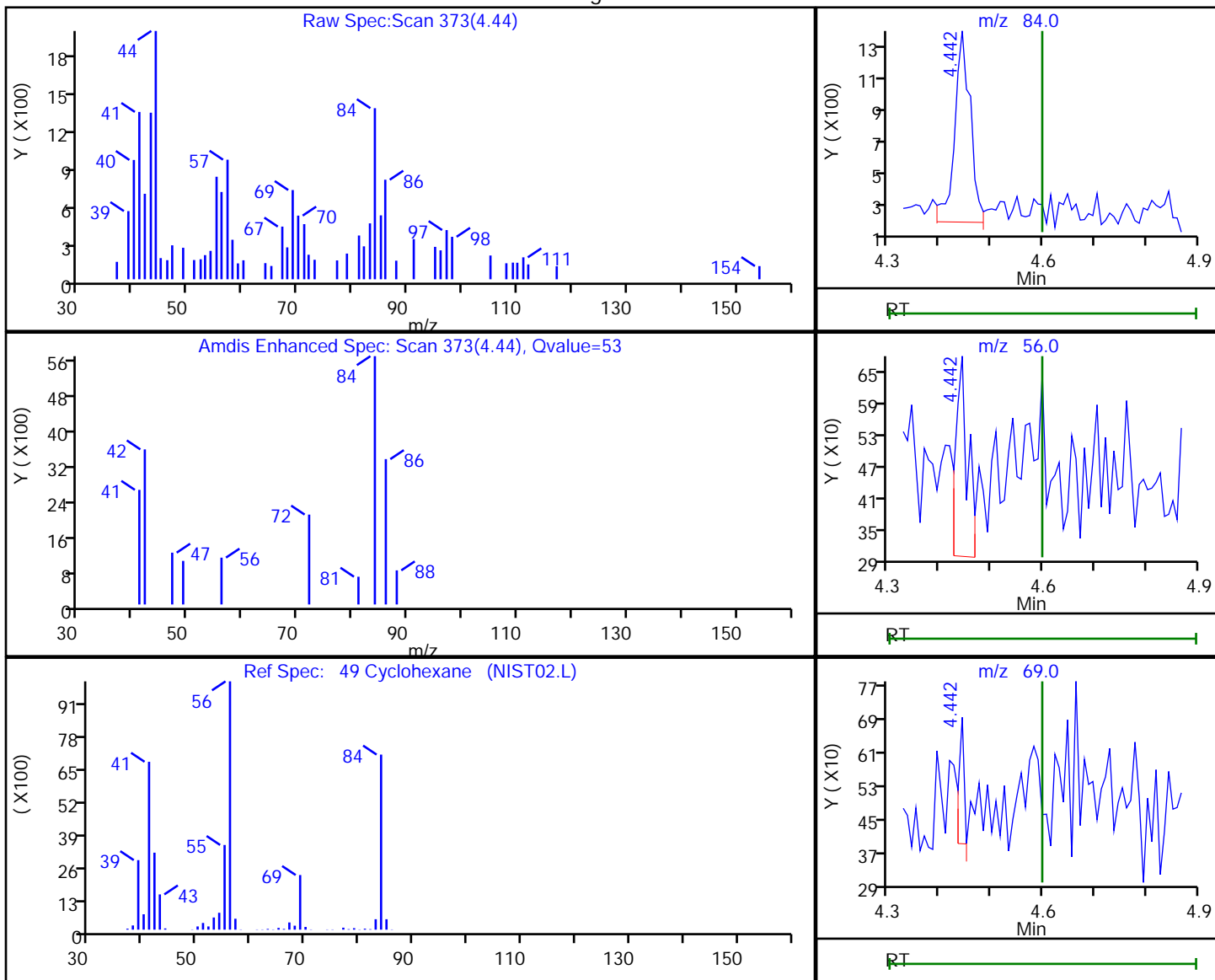
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
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

49 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.44	84.00	2446	0.532127
4.44	56.00	620	
4.44	69.00	211	

Reviewer: baronm, 26-Aug-2020 16:07:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

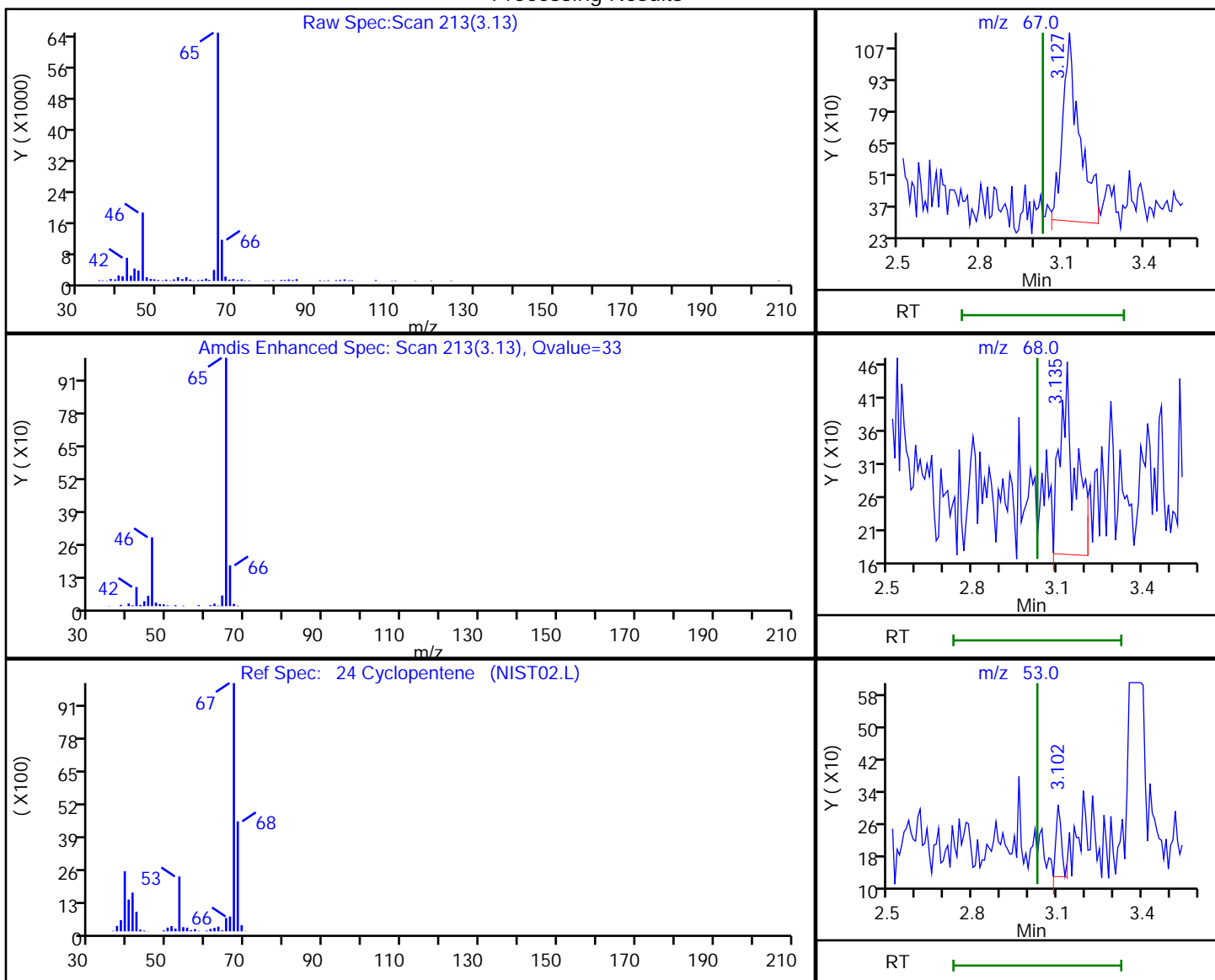
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

24 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
3.13	67.00	3661	0.532942
3.14	68.00	1058	
3.10	53.00	245	

Reviewer: baronm, 26-Aug-2020 16:06:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

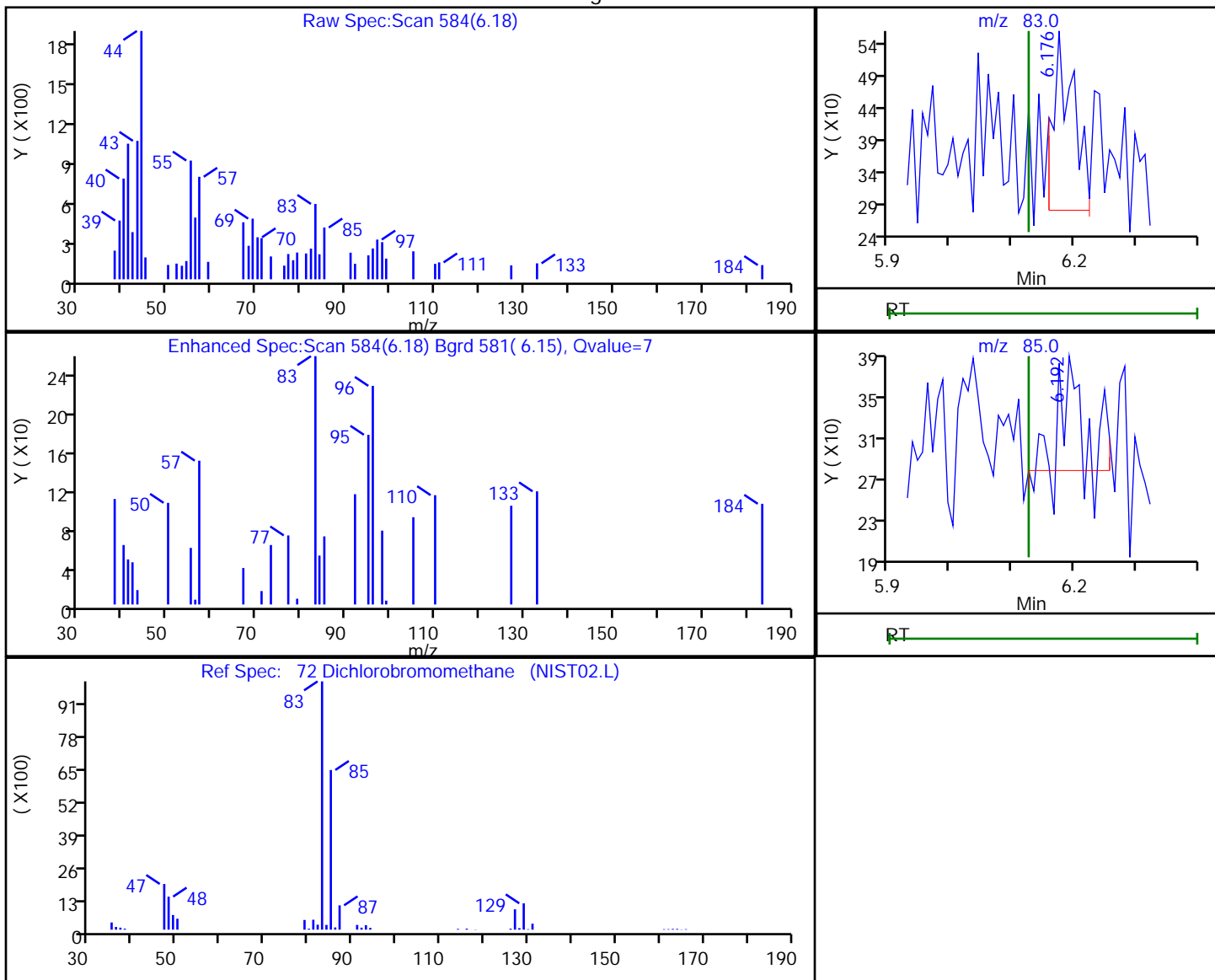
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

72 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
6.18	83.00	644	0.172795
6.19	85.00	267	

Reviewer: baronm, 26-Aug-2020 16:07:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

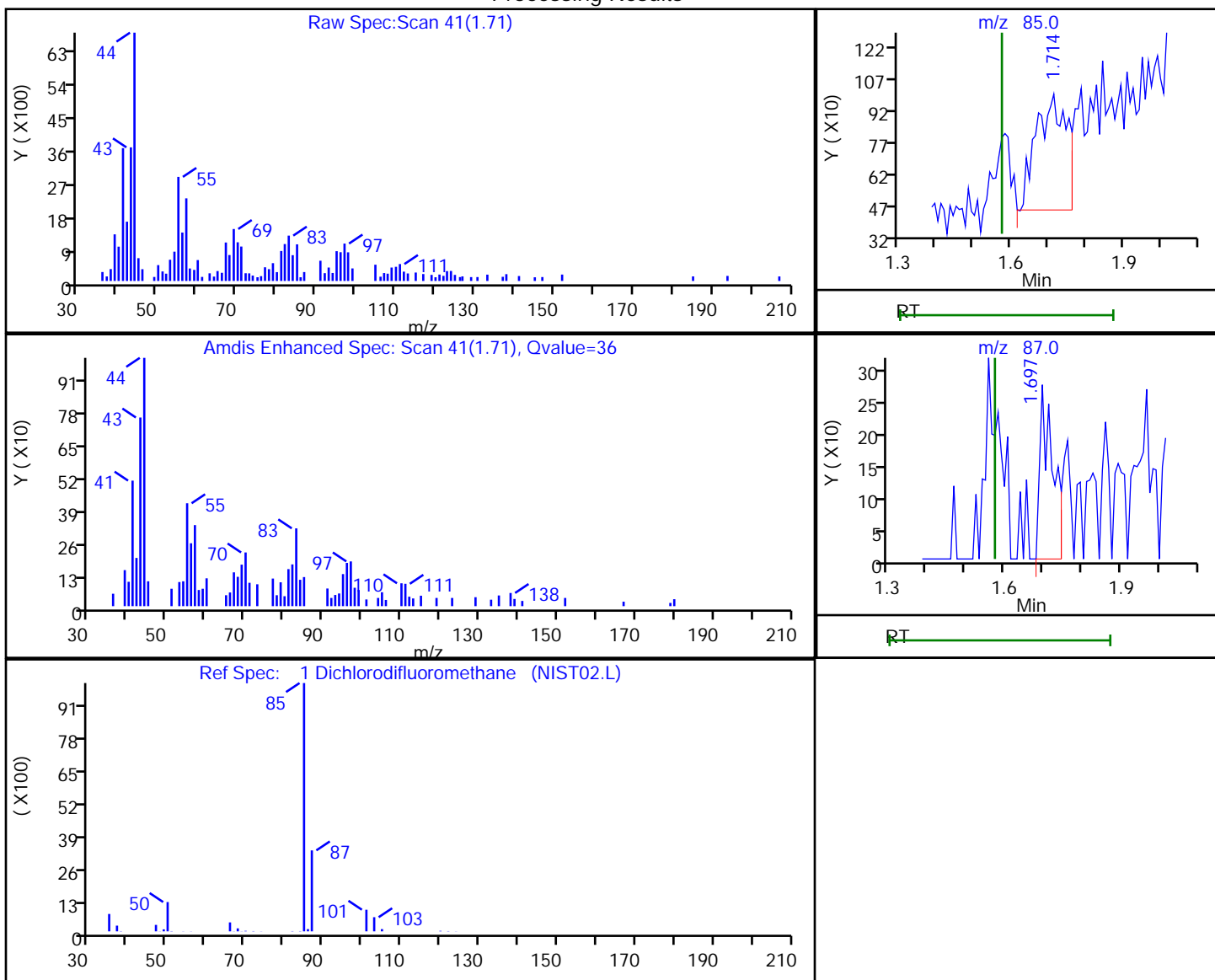
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

1 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.71	85.00	3135	0.837697
1.70	87.00	635	

Reviewer: baronm, 26-Aug-2020 16:05:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

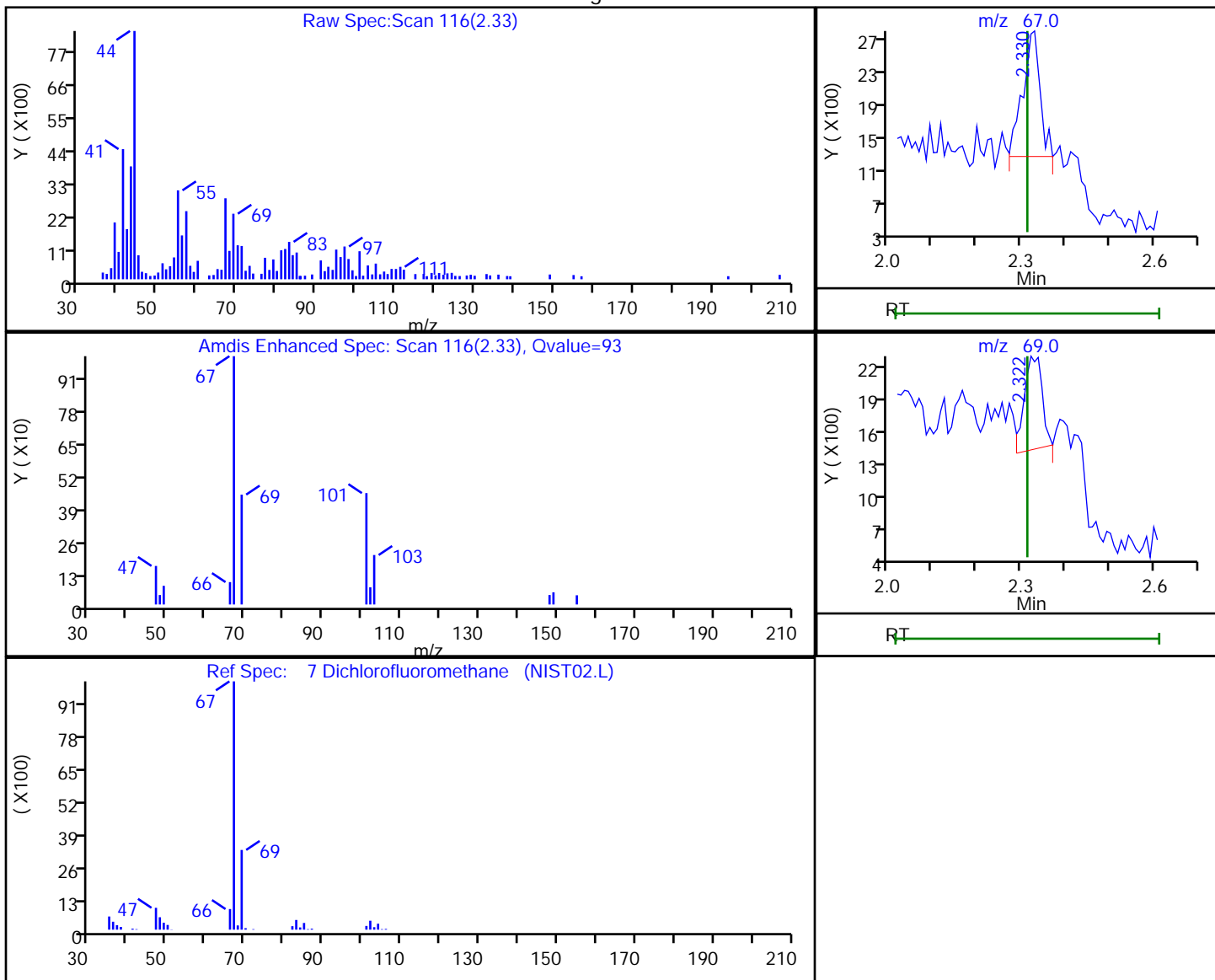
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

7 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.33	67.00	4104	0.516776
2.32	69.00	2343	

Reviewer: baronm, 26-Aug-2020 16:06:26

Audit Action: Marked Compound Undetected

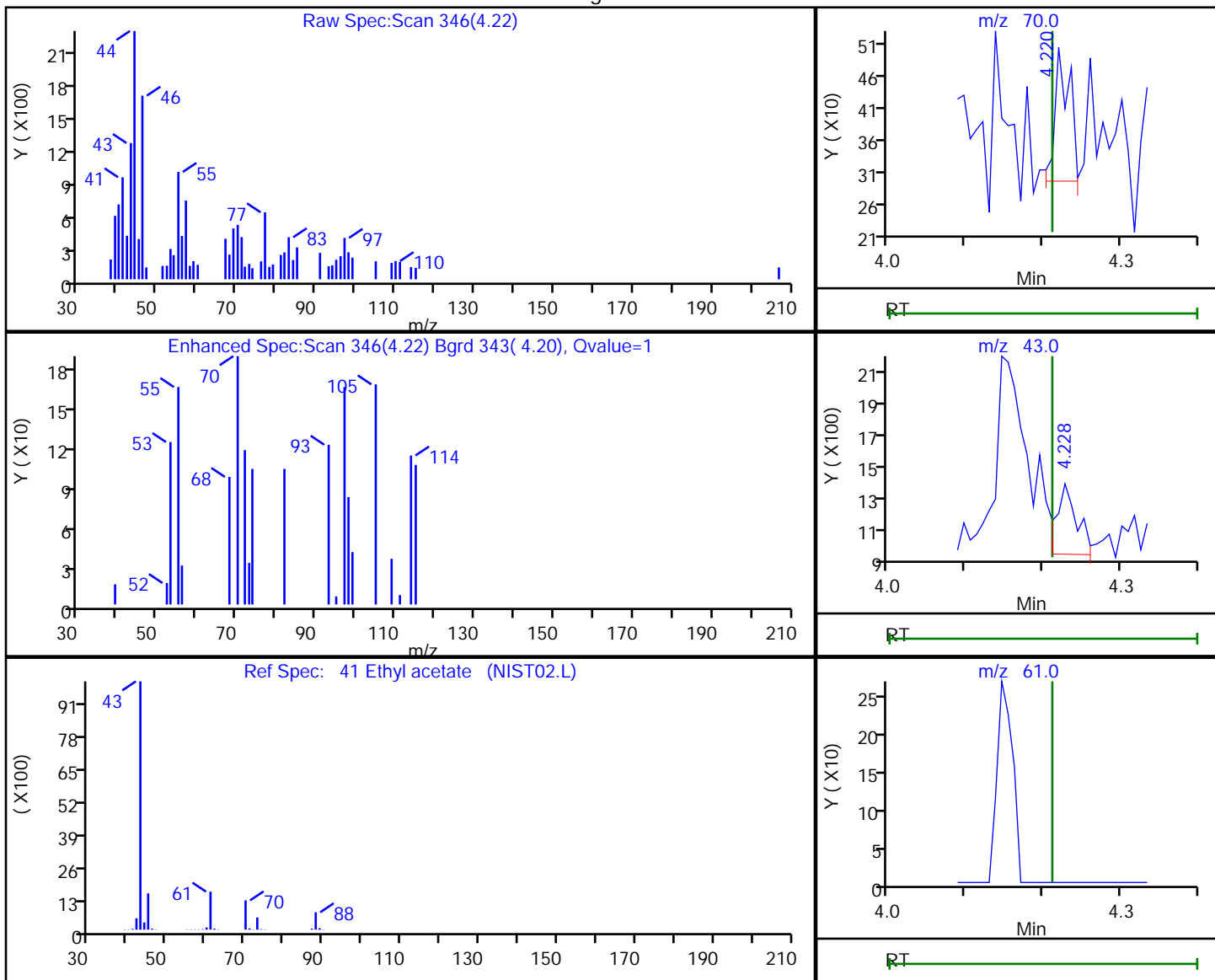
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

41 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
4.22	70.00	267	0.808917
4.23	43.00	783	
4.21	61.00	0	

Reviewer: baronm, 26-Aug-2020 16:06:56

Audit Action: Marked Compound Undetected

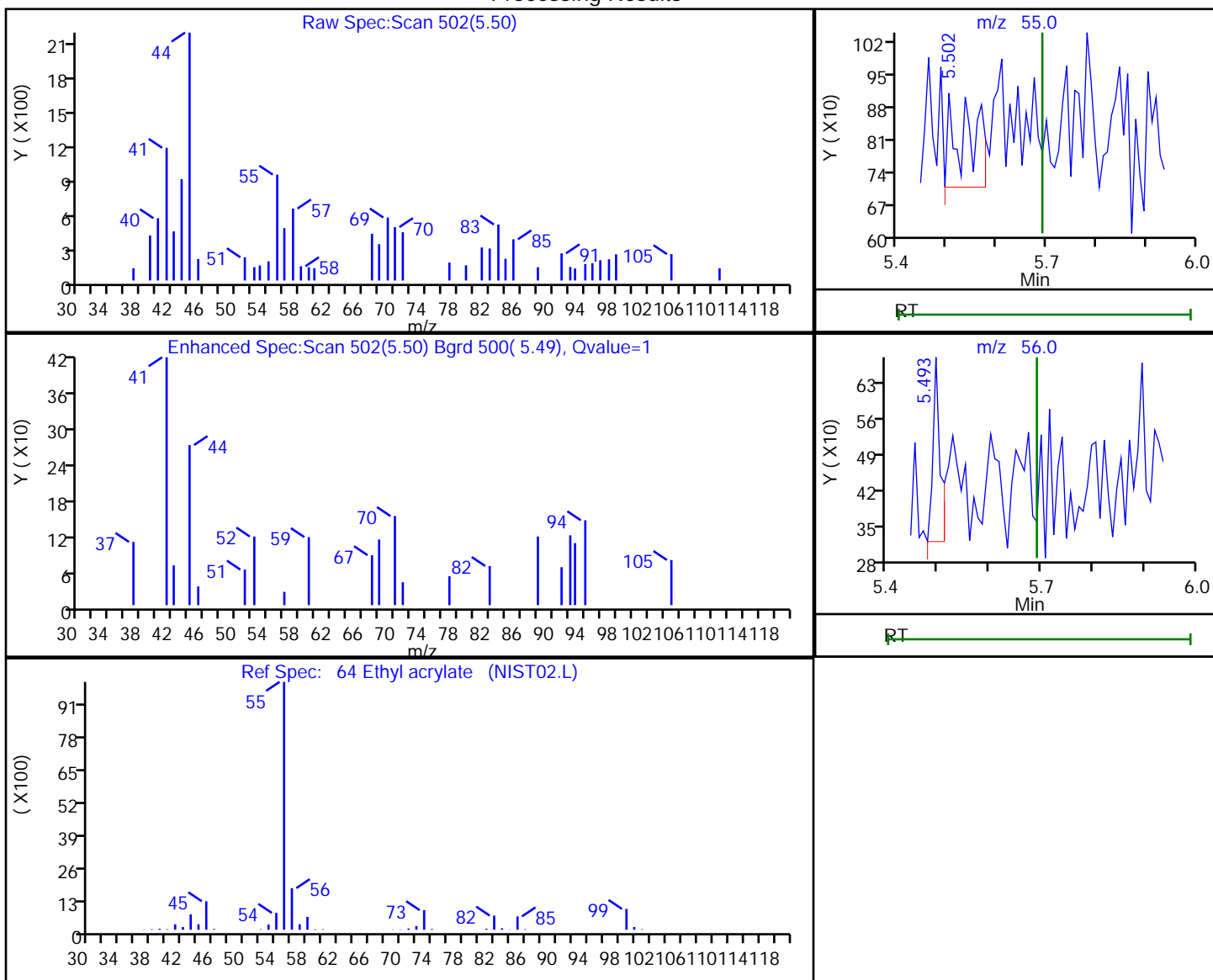
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

64 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
5.50	55.00	581	0.077101
5.49	56.00	350	

Reviewer: baronm, 26-Aug-2020 16:07:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

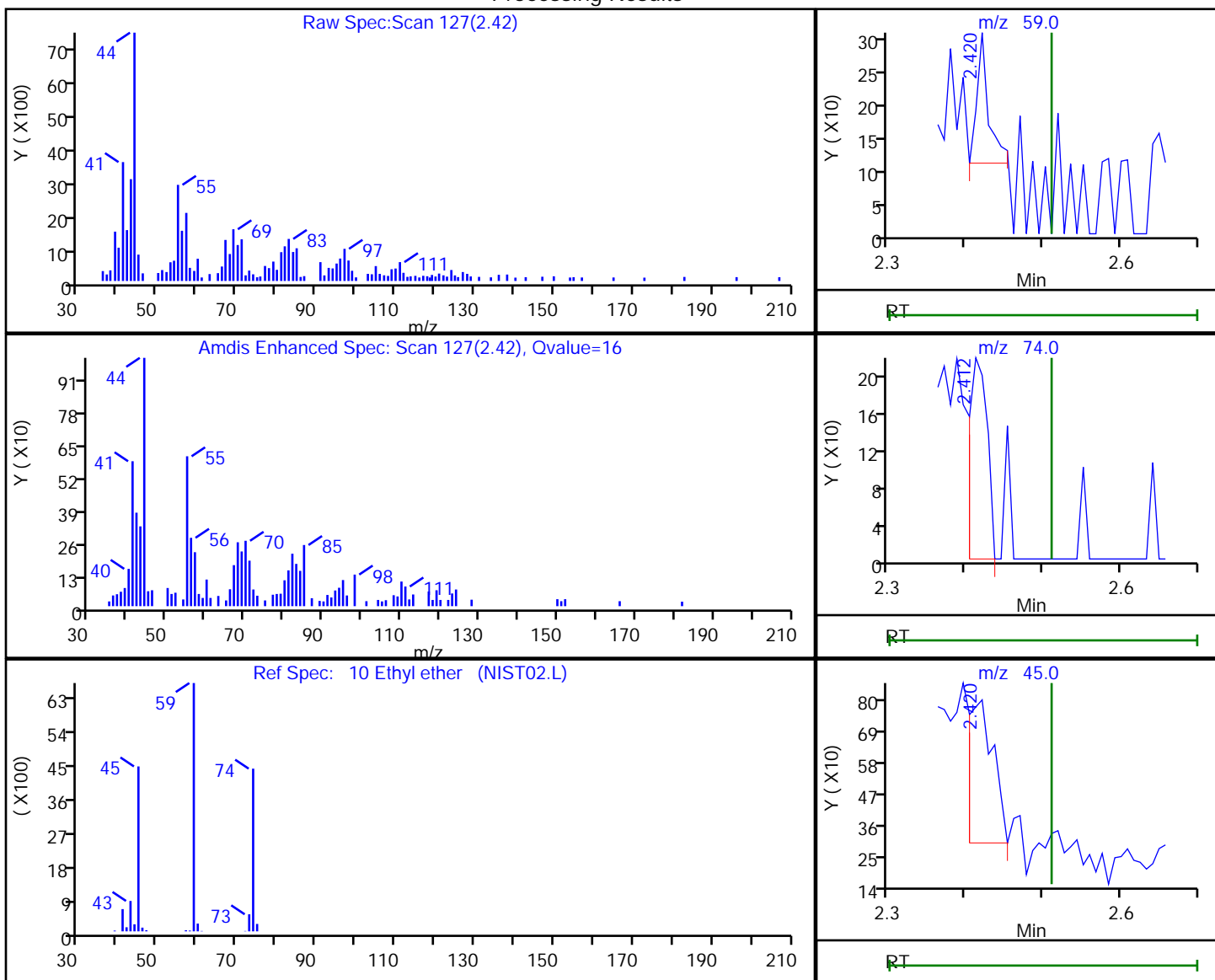
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
2.42	59.00	206	0.109789
2.41	74.00	350	
2.42	45.00	1111	

Reviewer: baronm, 26-Aug-2020 16:06:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

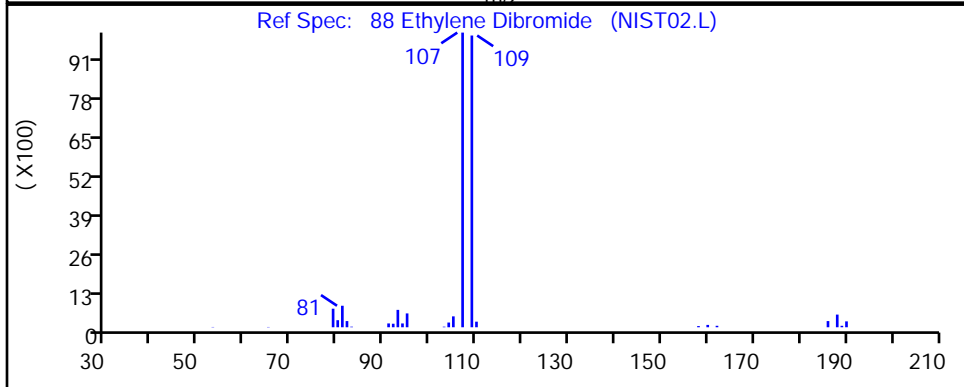
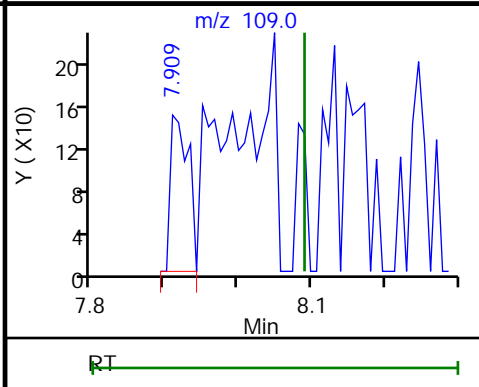
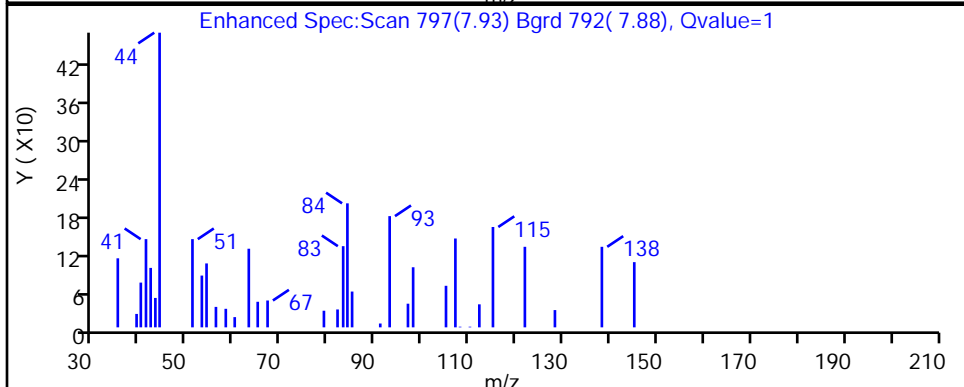
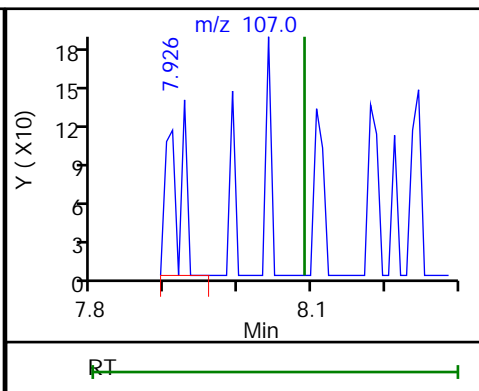
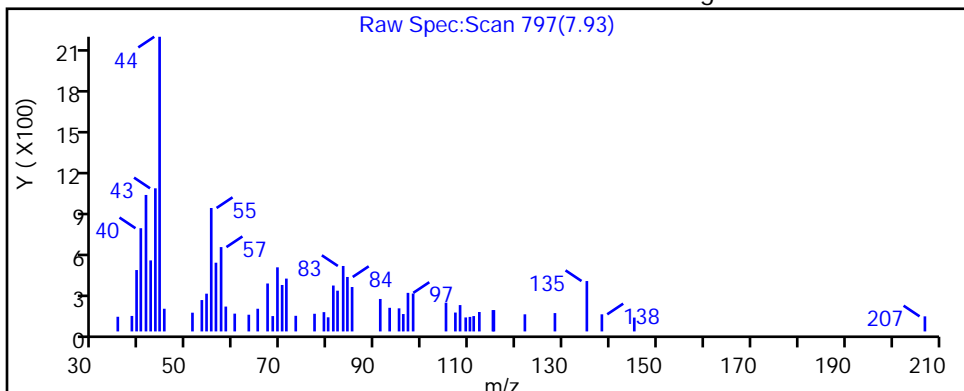
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

88 Ethylene Dibromide, CAS: 106-93-4

Processing Results



RT	Mass	Response	Amount
7.93	107.00	177	0.075566
7.91	109.00	250	

Reviewer: baronm, 26-Aug-2020 16:07:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

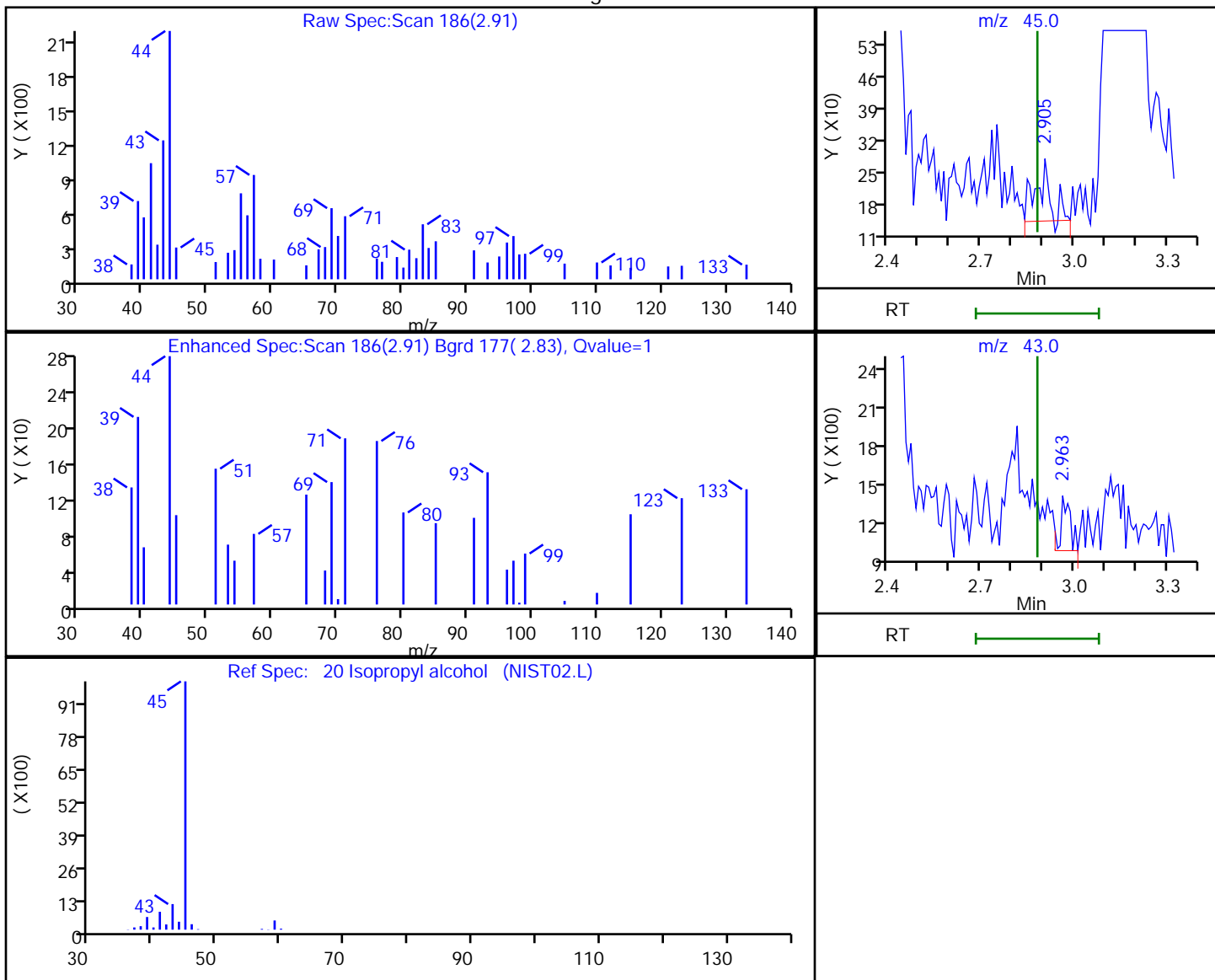
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.91	45.00	419	2.722417
2.96	43.00	827	

Reviewer: baronm, 26-Aug-2020 16:06:37

Audit Action: Marked Compound Undetected

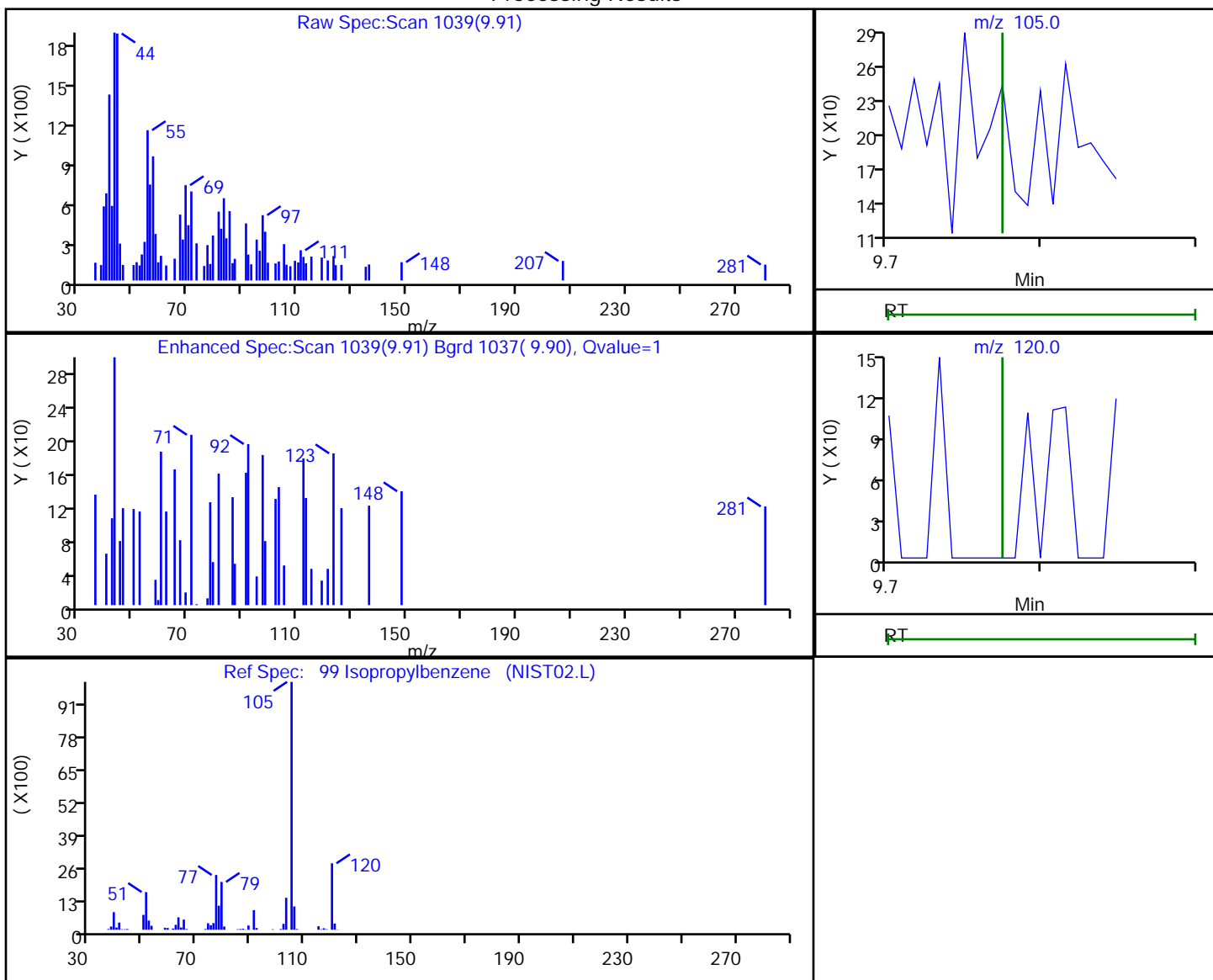
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

99 Isopropylbenzene, CAS: 98-82-8

Processing Results



RT	Mass	Response	Amount
9.91	105.00	145	0.012048
9.93	120.00	118	

Reviewer: baronm, 26-Aug-2020 16:07:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

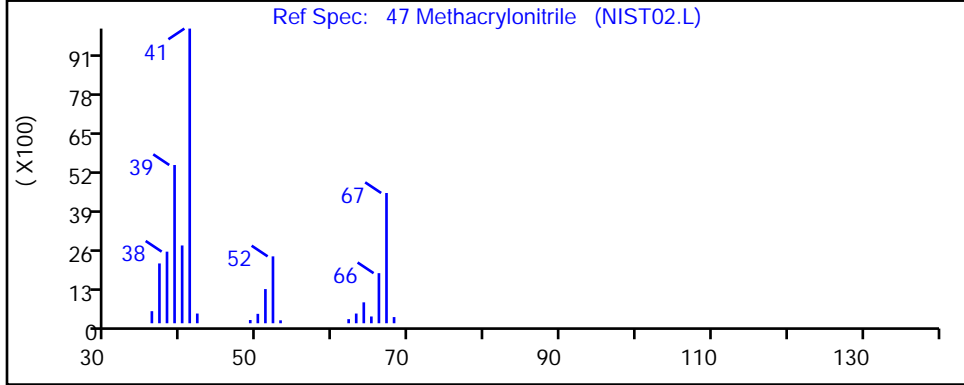
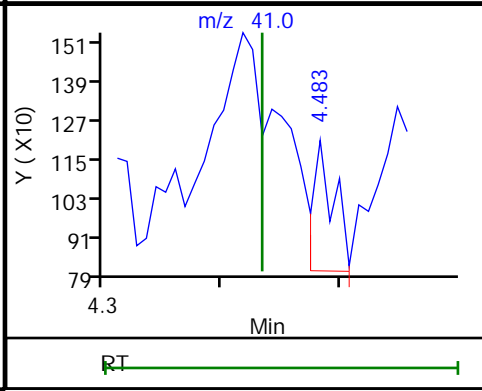
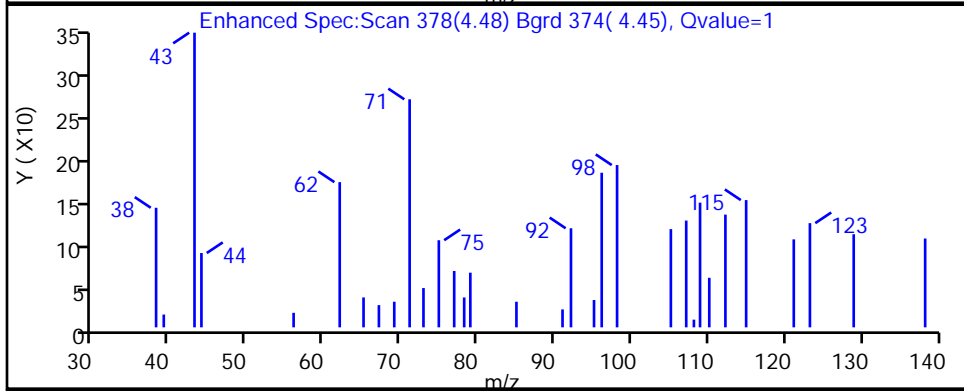
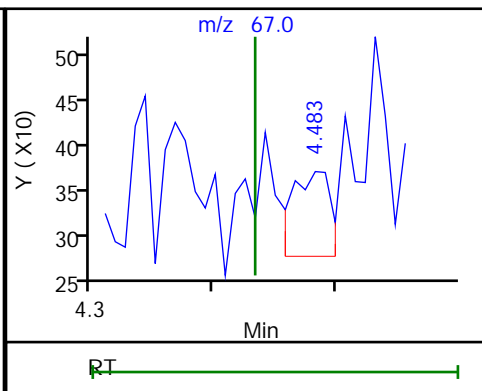
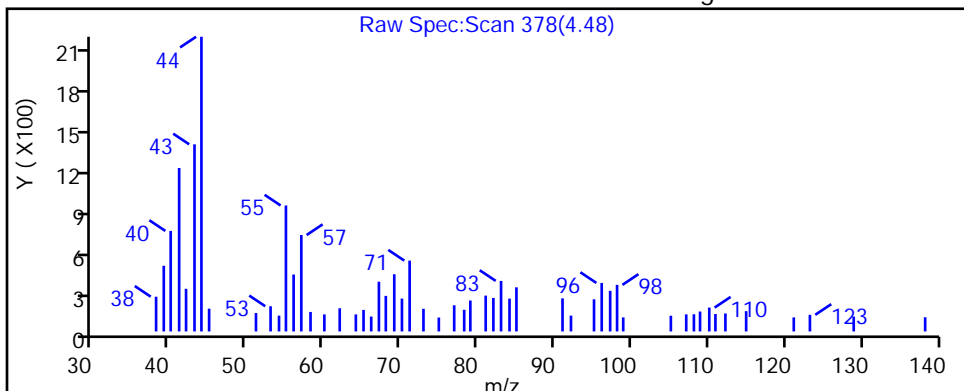
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

47 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.48	67.00	211	0.146120
4.48	41.00	510	

Reviewer: baronm, 26-Aug-2020 16:07:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

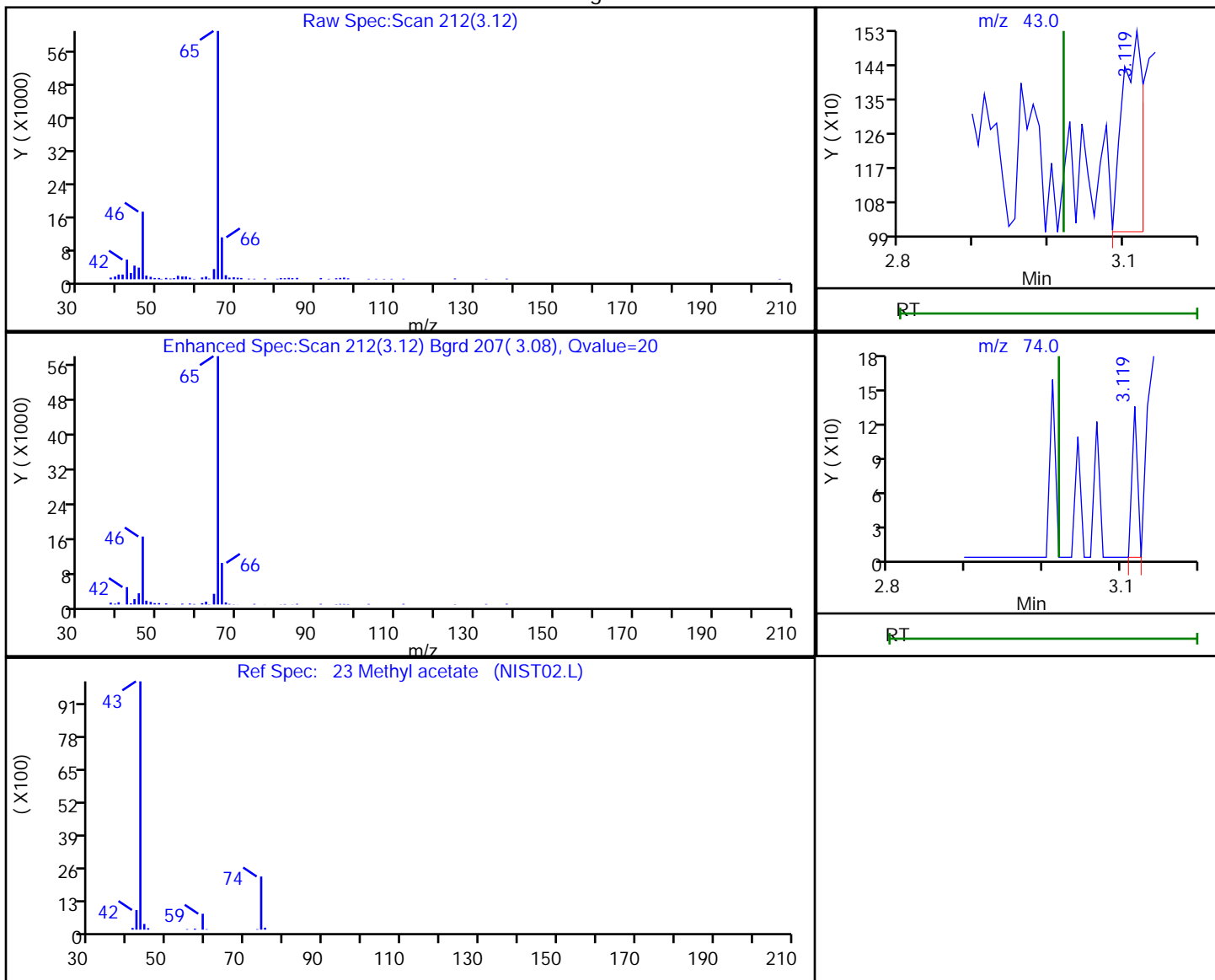
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

23 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.12	43.00	994	0.391711
3.12	74.00	64	

Reviewer: baronm, 26-Aug-2020 16:06:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

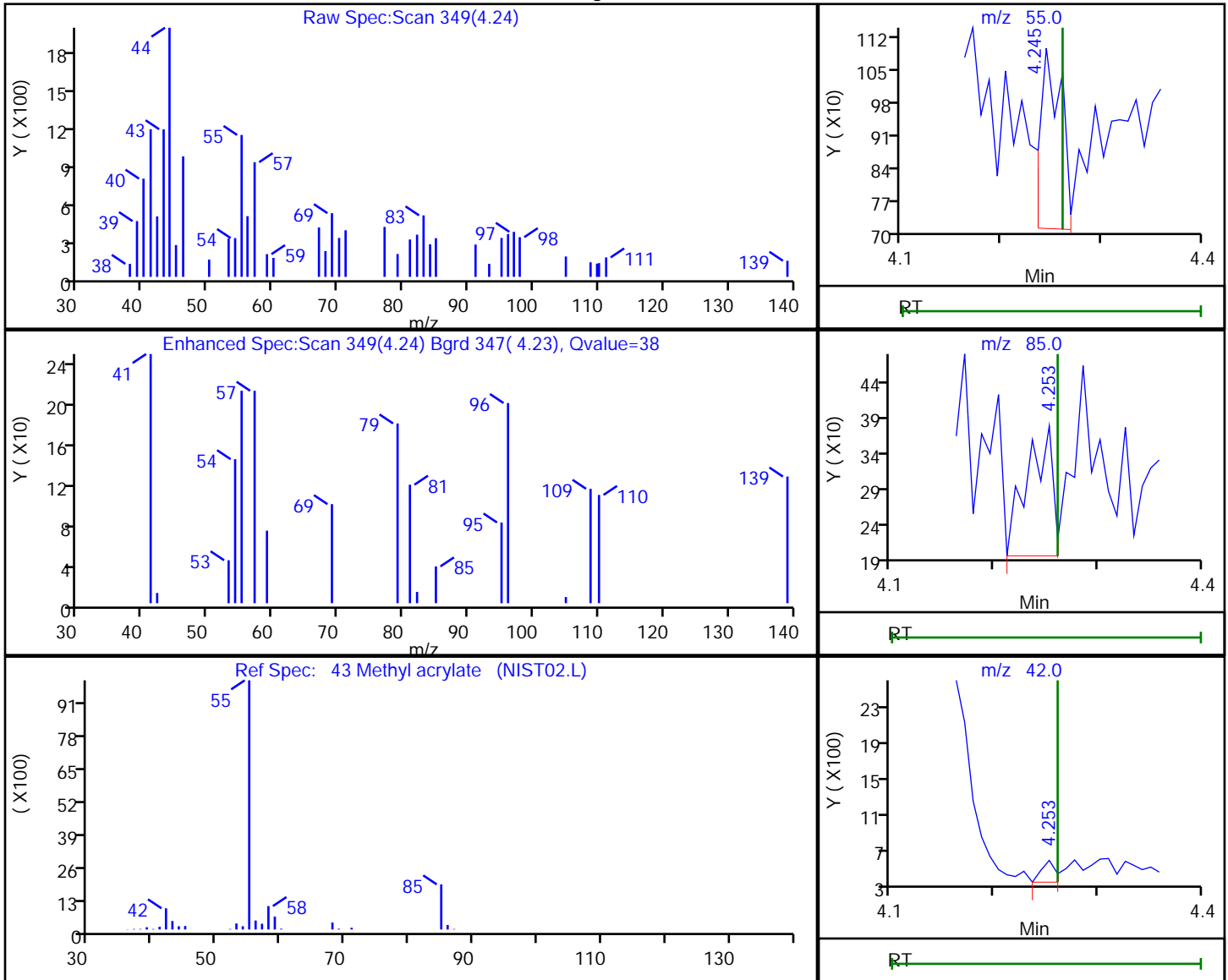
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

43 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
4.24	55.00	574	0.206632
4.25	85.00	309	
4.25	42.00	228	

Reviewer: baronm, 26-Aug-2020 16:07:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

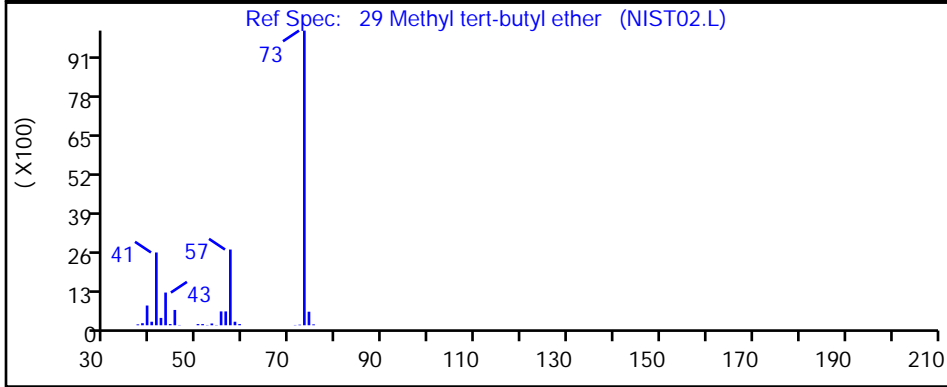
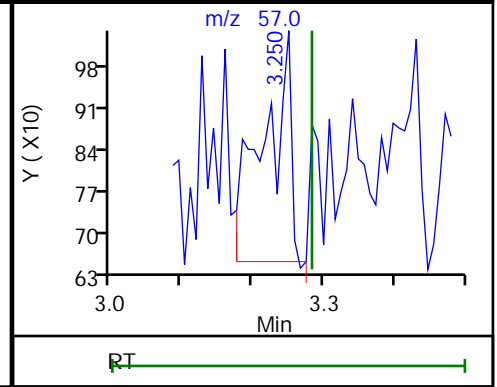
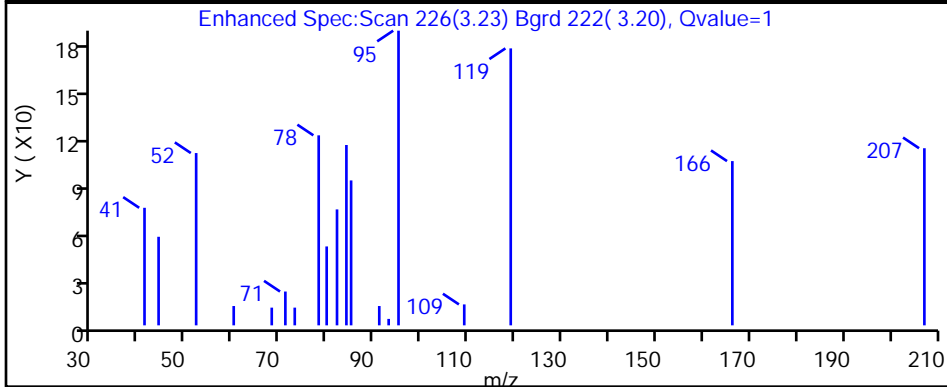
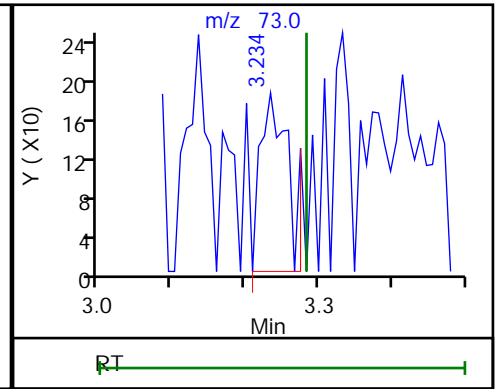
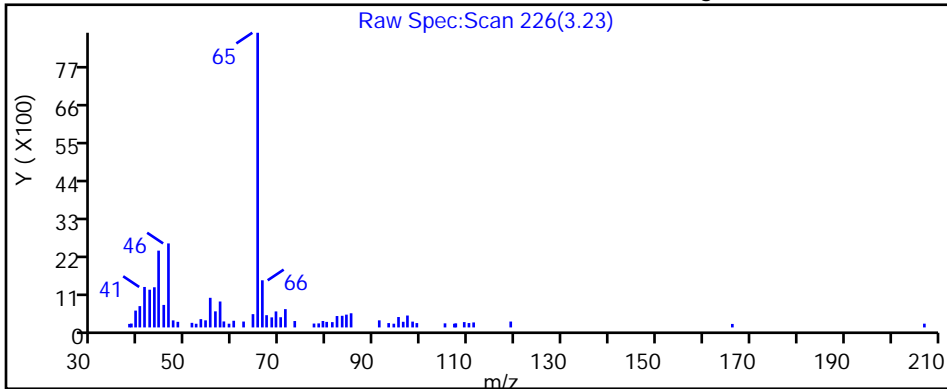
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.23	73.00	505	0.068420
3.25	57.00	1035	

Reviewer: baronm, 26-Aug-2020 16:06:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

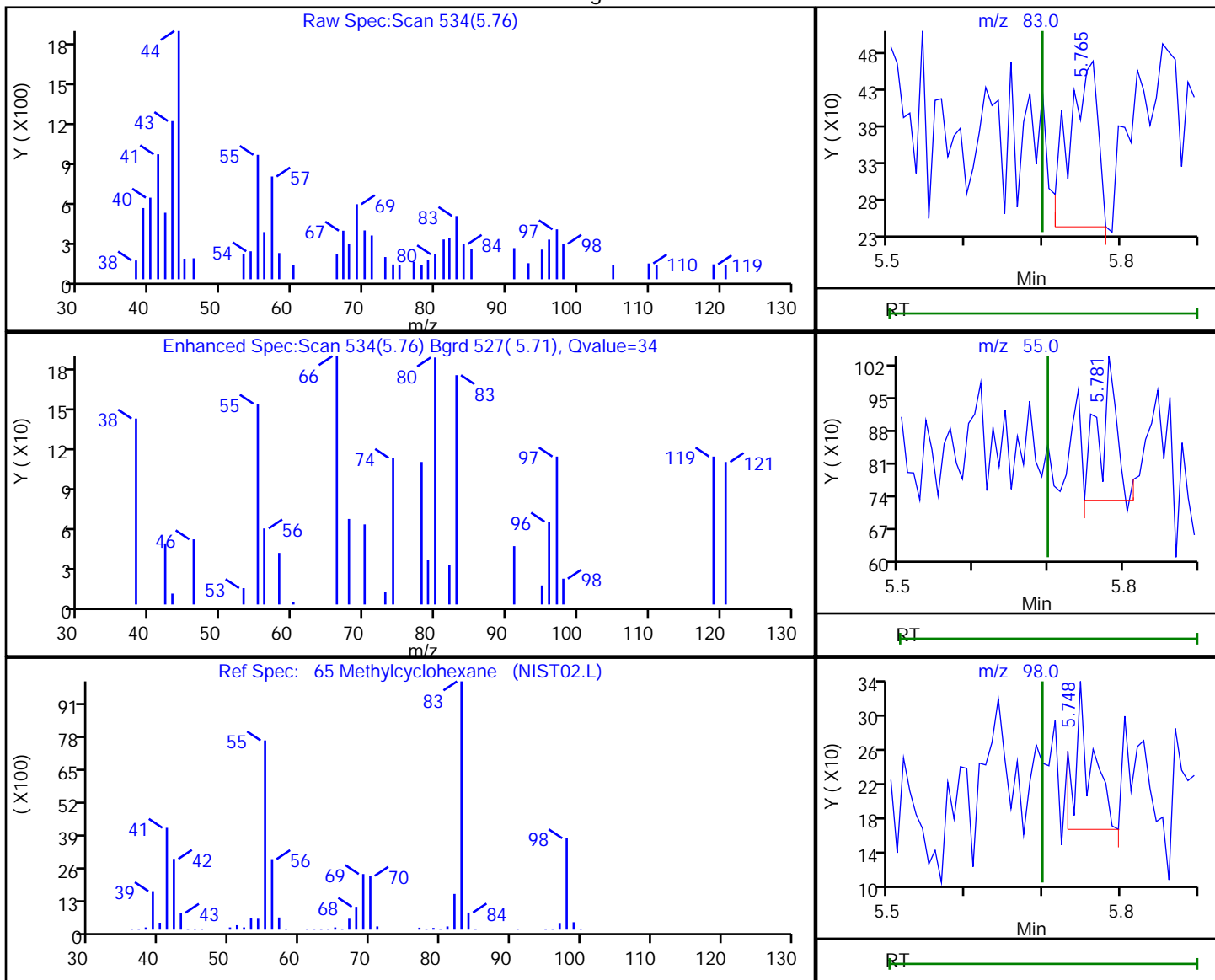
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

65 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.76	83.00	556	0.113944
5.78	55.00	501	
5.75	98.00	262	

Reviewer: baronm, 26-Aug-2020 16:07:21

Audit Action: Marked Compound Undetected

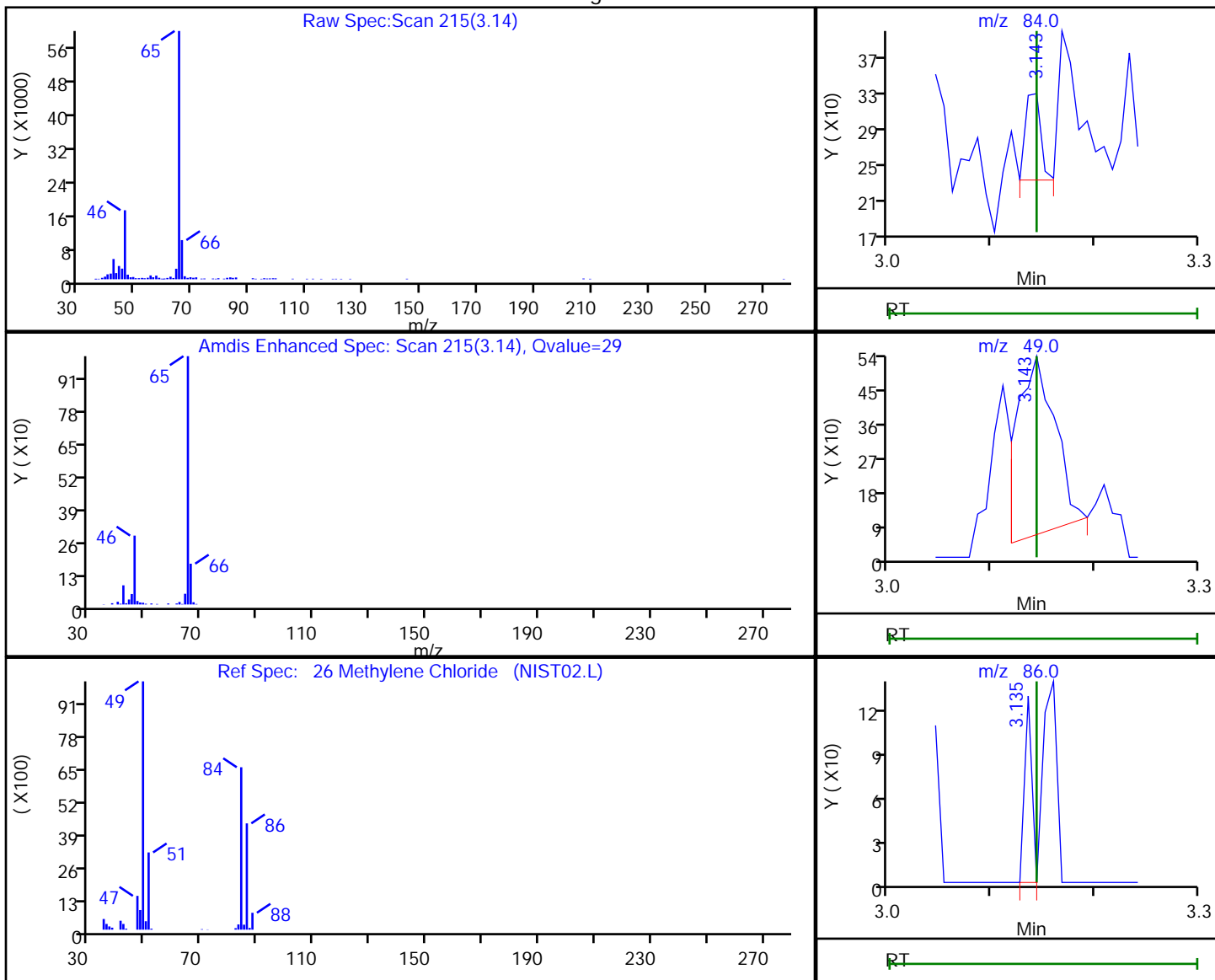
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
3.14	84.00	102	0.031640
3.14	49.00	1235	
3.14	86.00	63	

Reviewer: baronm, 26-Aug-2020 16:06:46

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

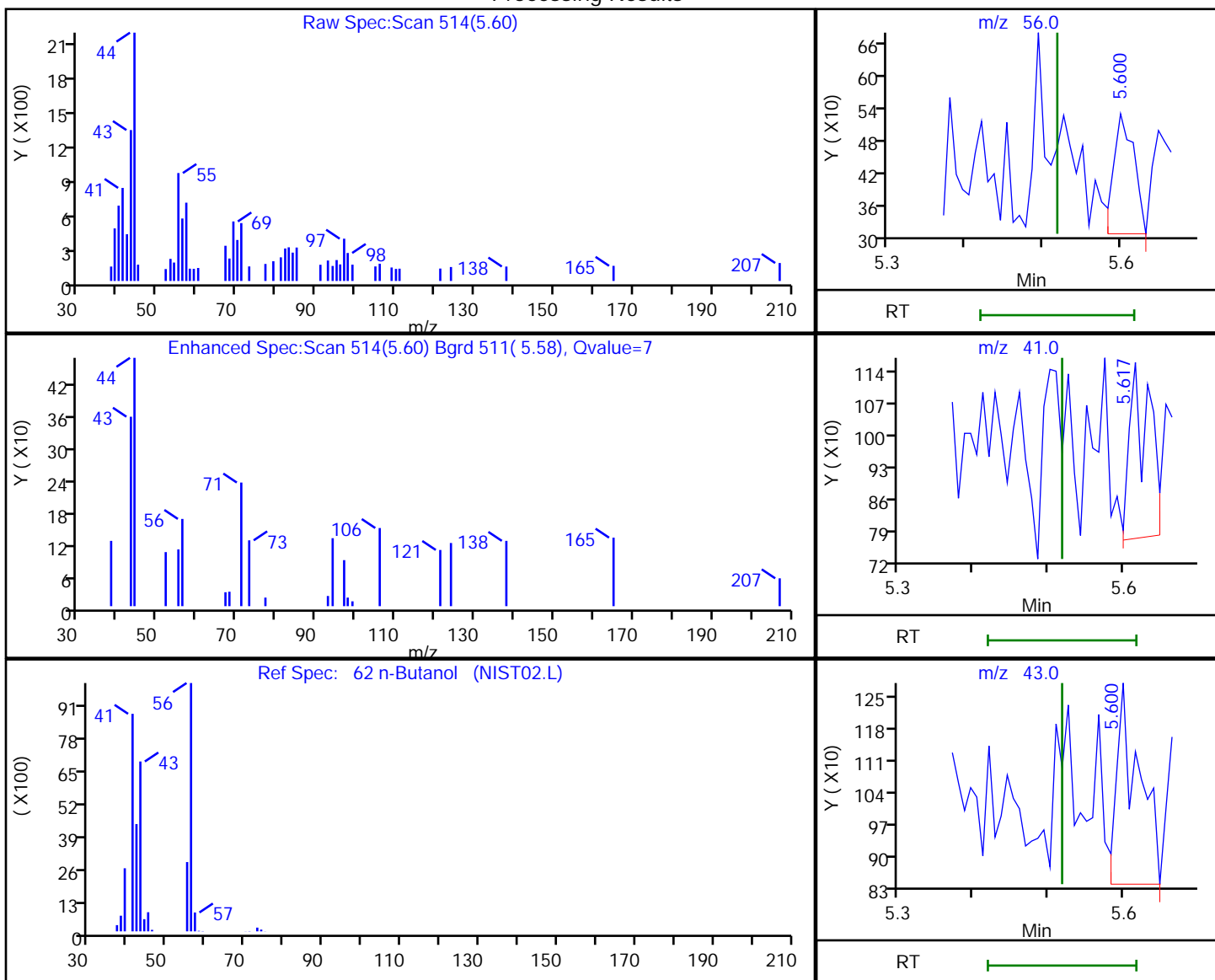
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
5.60	56.00	407	4.446814
5.62	41.00	718	
5.60	43.00	924	

Reviewer: baronm, 26-Aug-2020 16:07:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

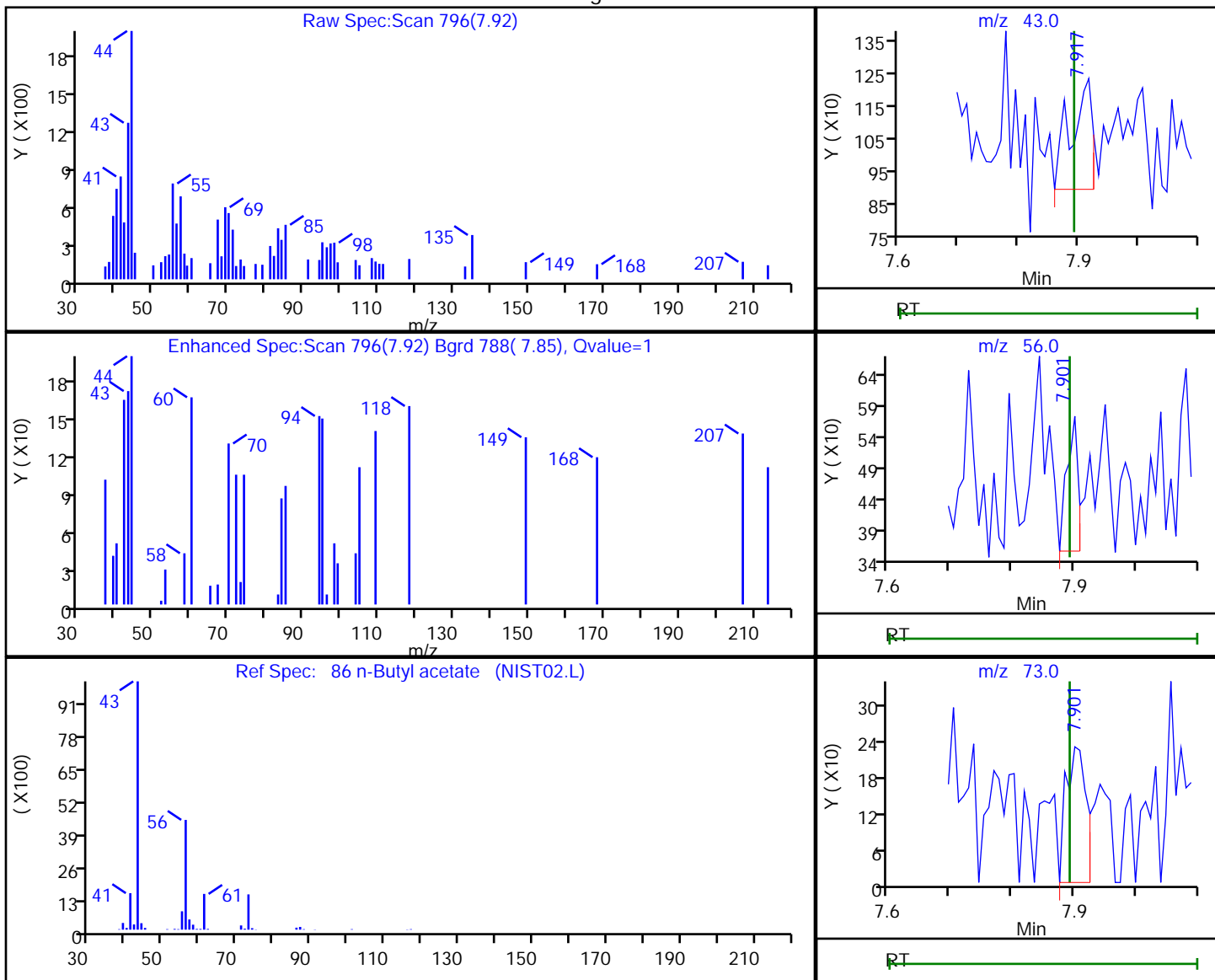
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
7.92	43.00	846	0.187616
7.90	56.00	276	
7.90	73.00	523	

Reviewer: baronm, 26-Aug-2020 16:07:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

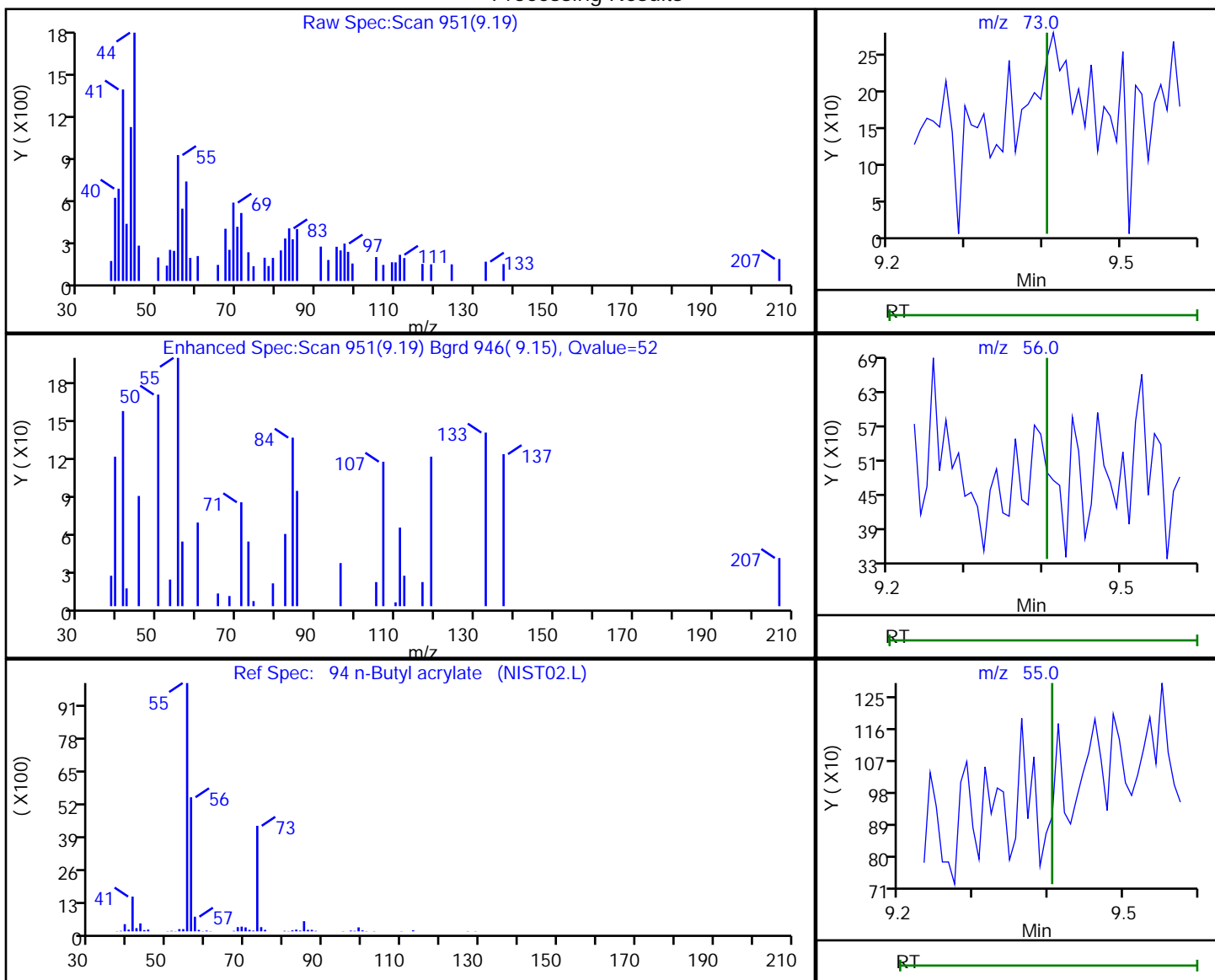
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
9.19	73.00	483	0.196489
9.18	56.00	494	
9.20	55.00	282	

Reviewer: baronm, 26-Aug-2020 16:07:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

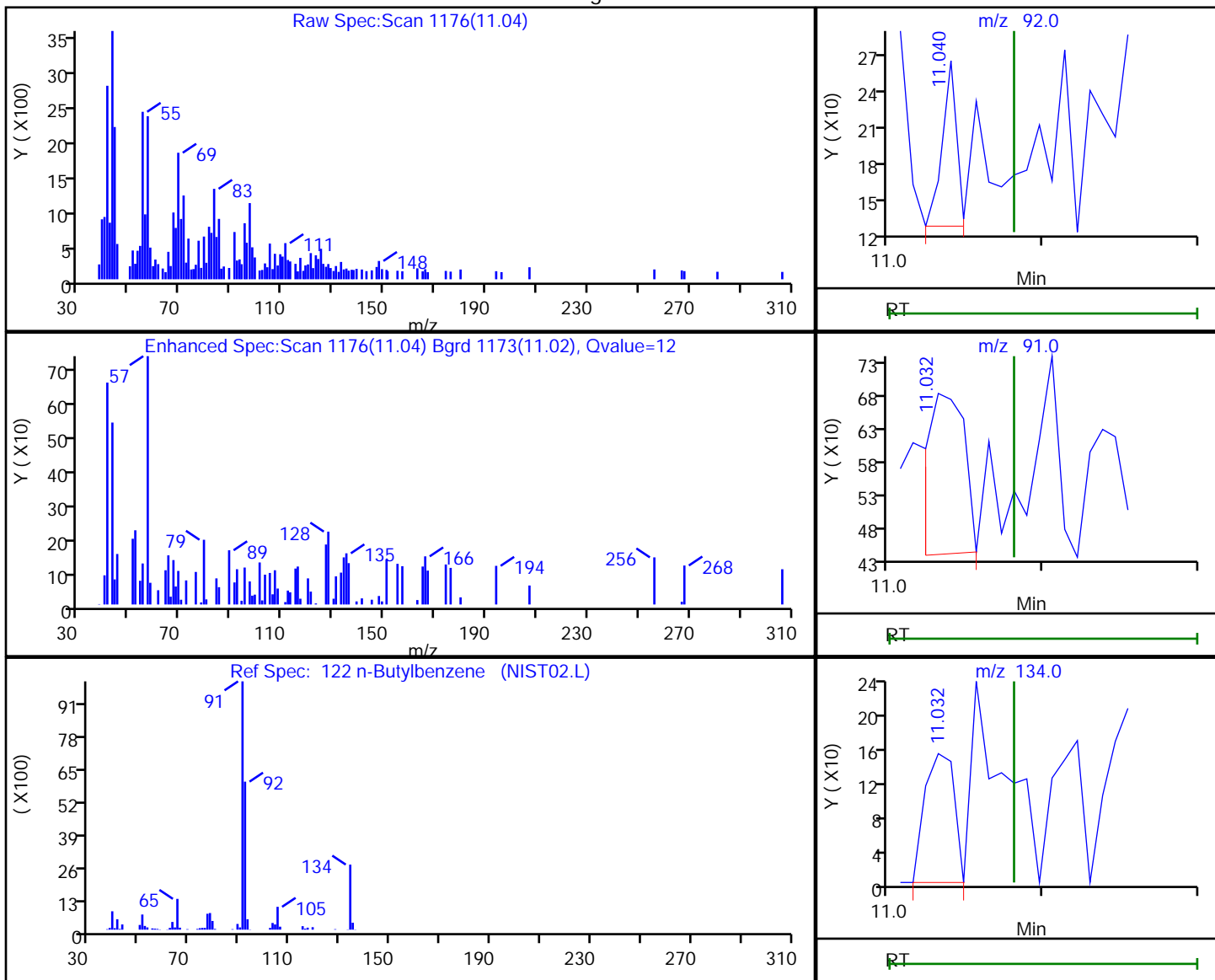
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

122 n-Butylbenzene, CAS: 104-51-8

Processing Results



RT	Mass	Response	Amount
11.04	92.00	90	0.014358
11.03	91.00	411	
11.03	134.00	196	

Reviewer: baronm, 26-Aug-2020 16:08:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

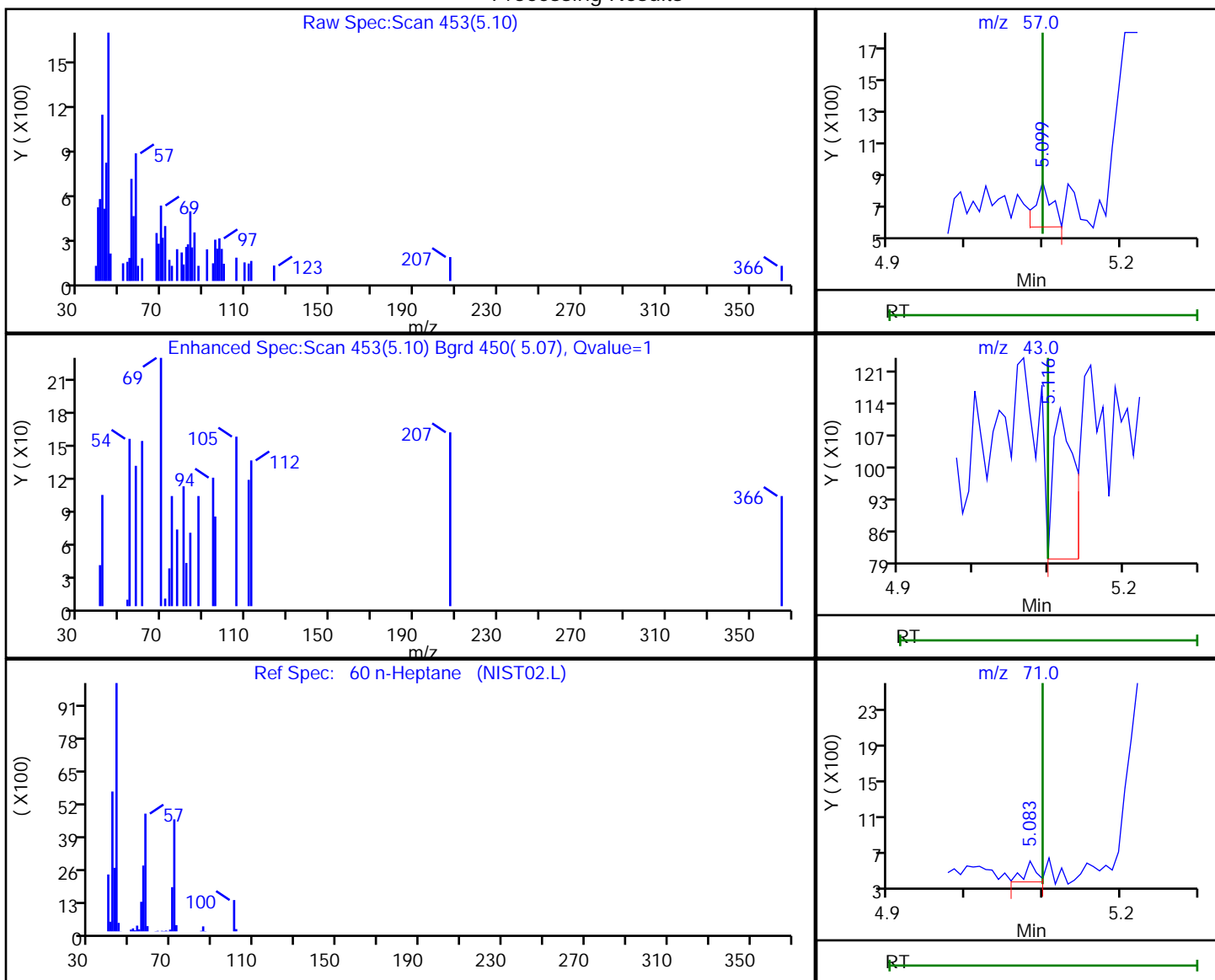
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
5.10	57.00	375	0.206525
5.12	43.00	623	
5.08	71.00	252	

Reviewer: baronm, 26-Aug-2020 16:07:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

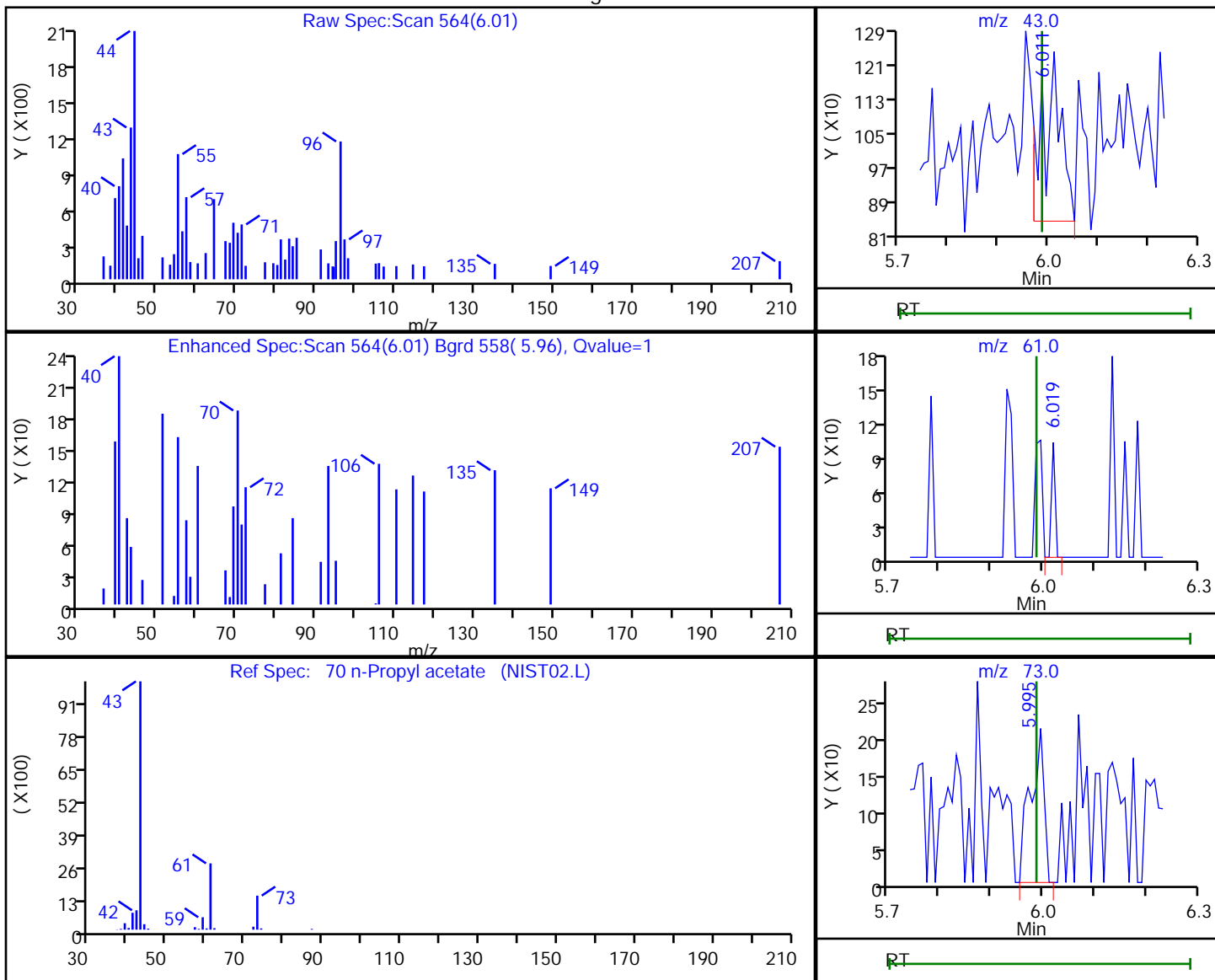
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

70 n-Propyl acetate, CAS: 109-60-4

Processing Results



RT	Mass	Response	Amount
6.01	43.00	1009	0.218878
6.02	61.00	50	
5.99	73.00	387	

Reviewer: baronm, 26-Aug-2020 16:07:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260624W6

Limit Group:

VOA - 8260C Water and Solid

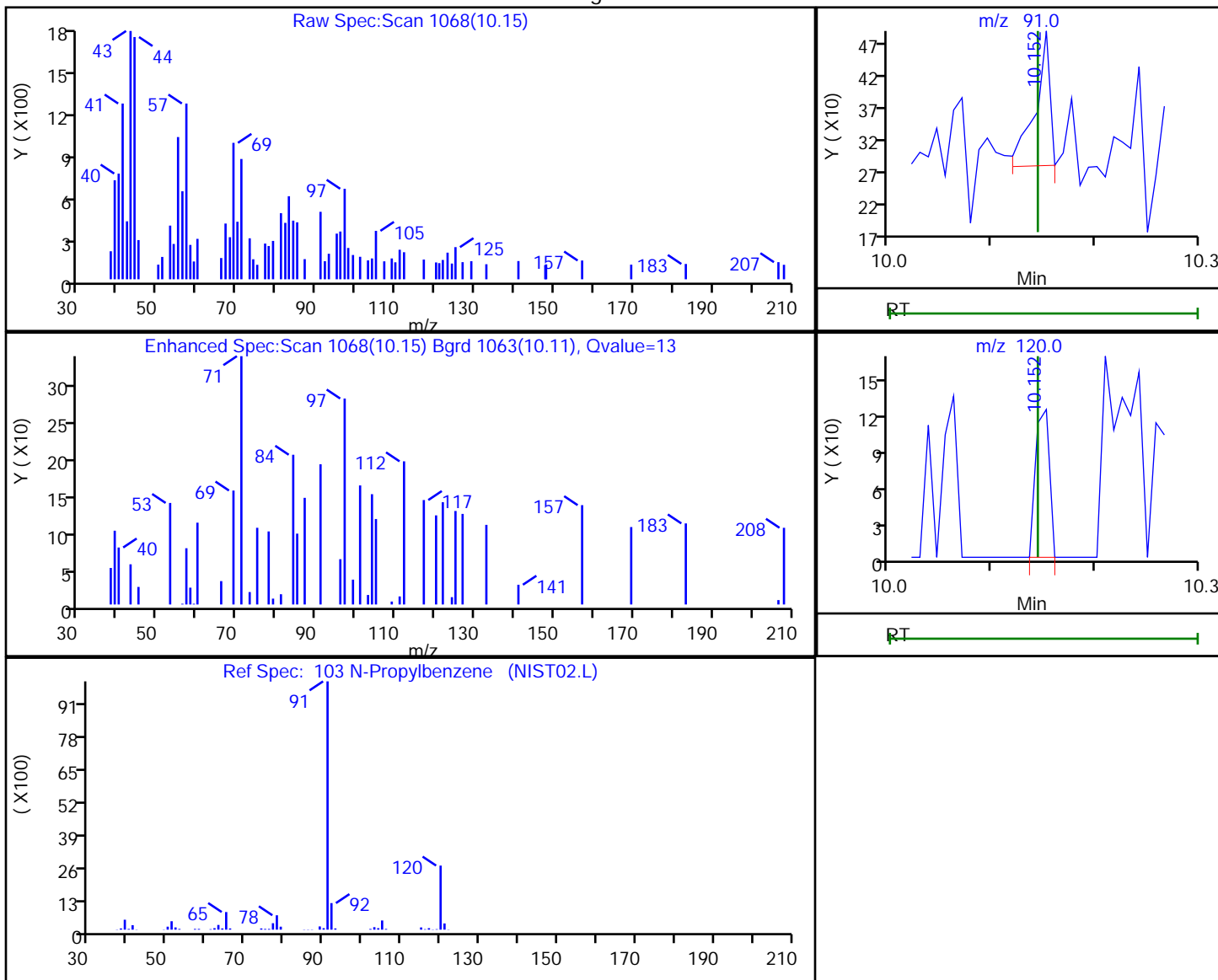
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Processing Results



RT	Mass	Response	Amount
10.15	91.00	206	0.013325
10.15	120.00	115	

Reviewer: baronm, 26-Aug-2020 16:08:01

Audit Action: Marked Compound Undetected

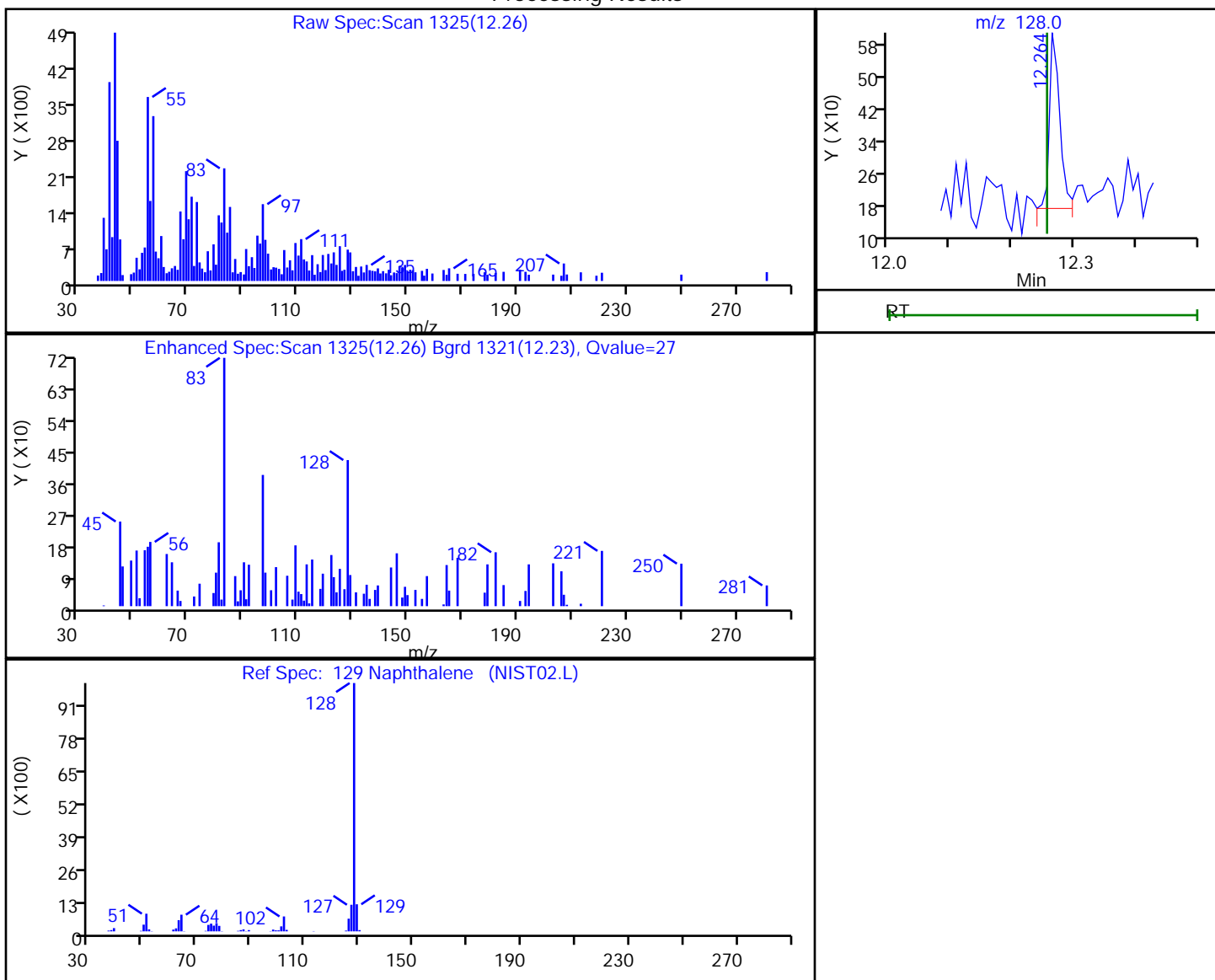
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

129 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.26	128.00	515	0.039308

Reviewer: baronm, 26-Aug-2020 16:08:46

Audit Action: Marked Compound Undetected

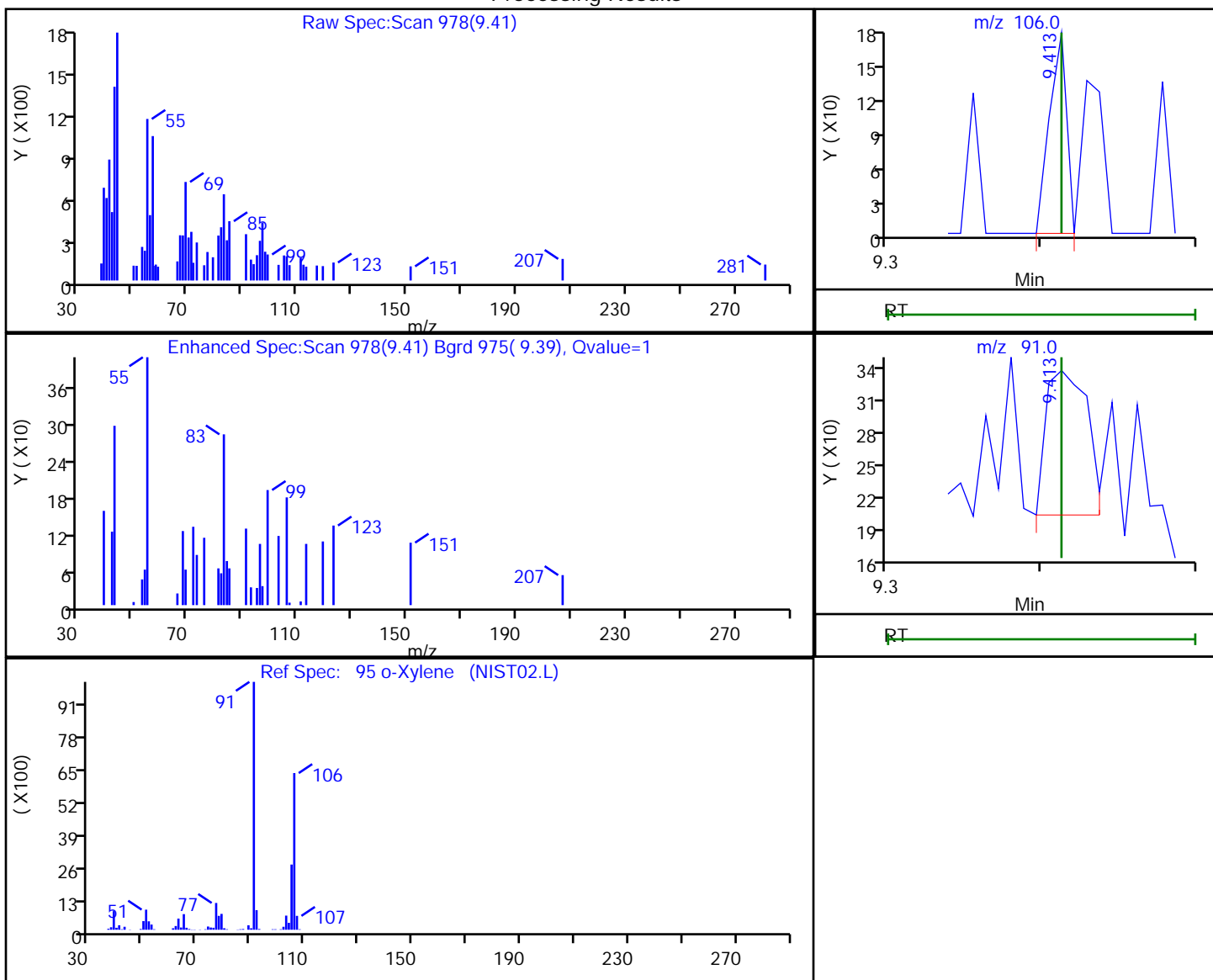
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

95 o-Xylene, CAS: 95-47-6

Processing Results



RT	Mass	Response	Amount
9.41	106.00	137	0.028001
9.41	91.00	246	

Reviewer: baronm, 26-Aug-2020 16:07:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

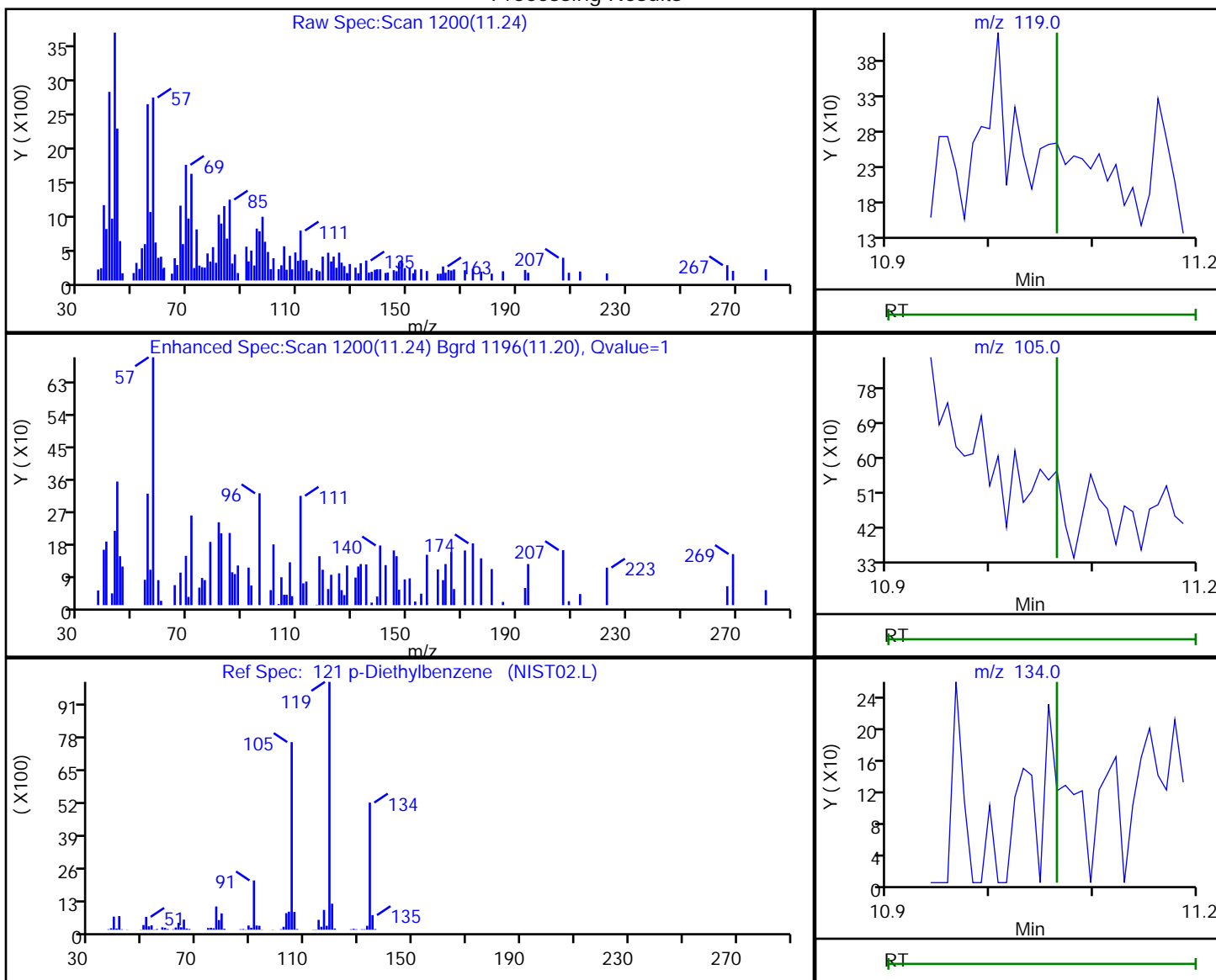
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
11.24	119.00	173	0.028328
11.25	105.00	380	
11.22	134.00	137	

Reviewer: baronm, 26-Aug-2020 16:08:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

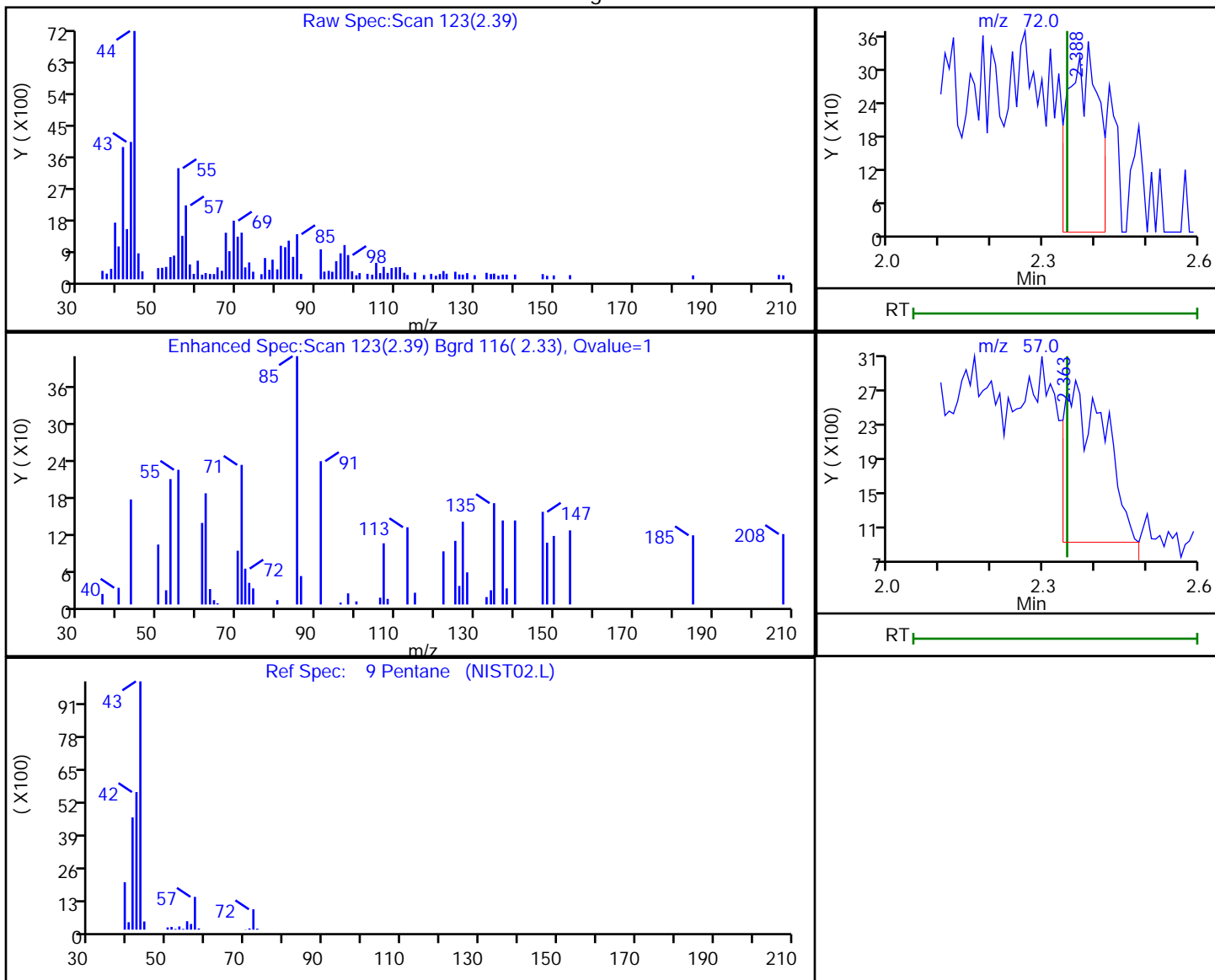
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.39	72.00	1364	1.732486
2.36	57.00	10103	

Reviewer: baronm, 26-Aug-2020 16:06:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

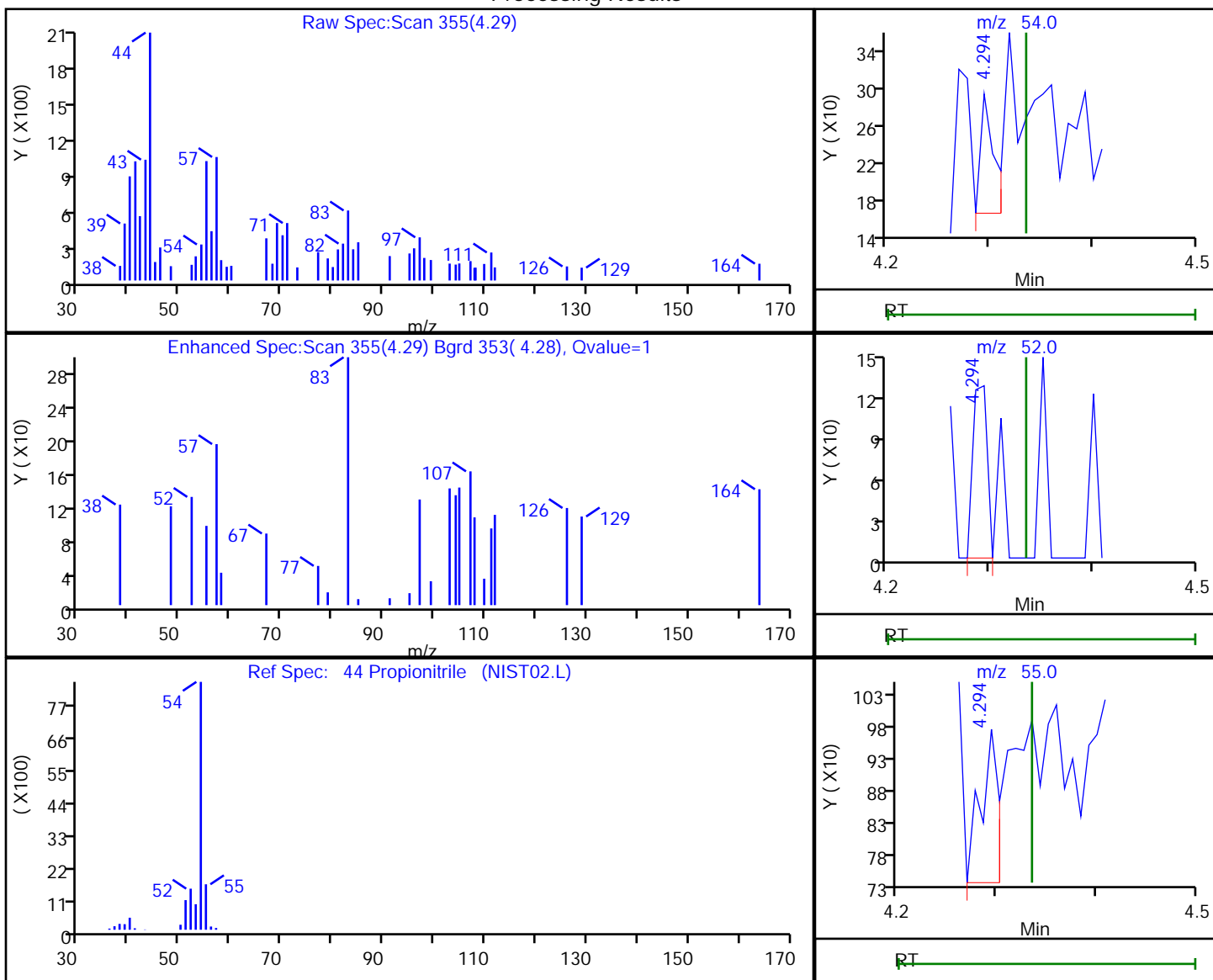
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

44 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.29	54.00	119	0.229087
4.29	52.00	124	
4.29	55.00	290	

Reviewer: baronm, 26-Aug-2020 16:07:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

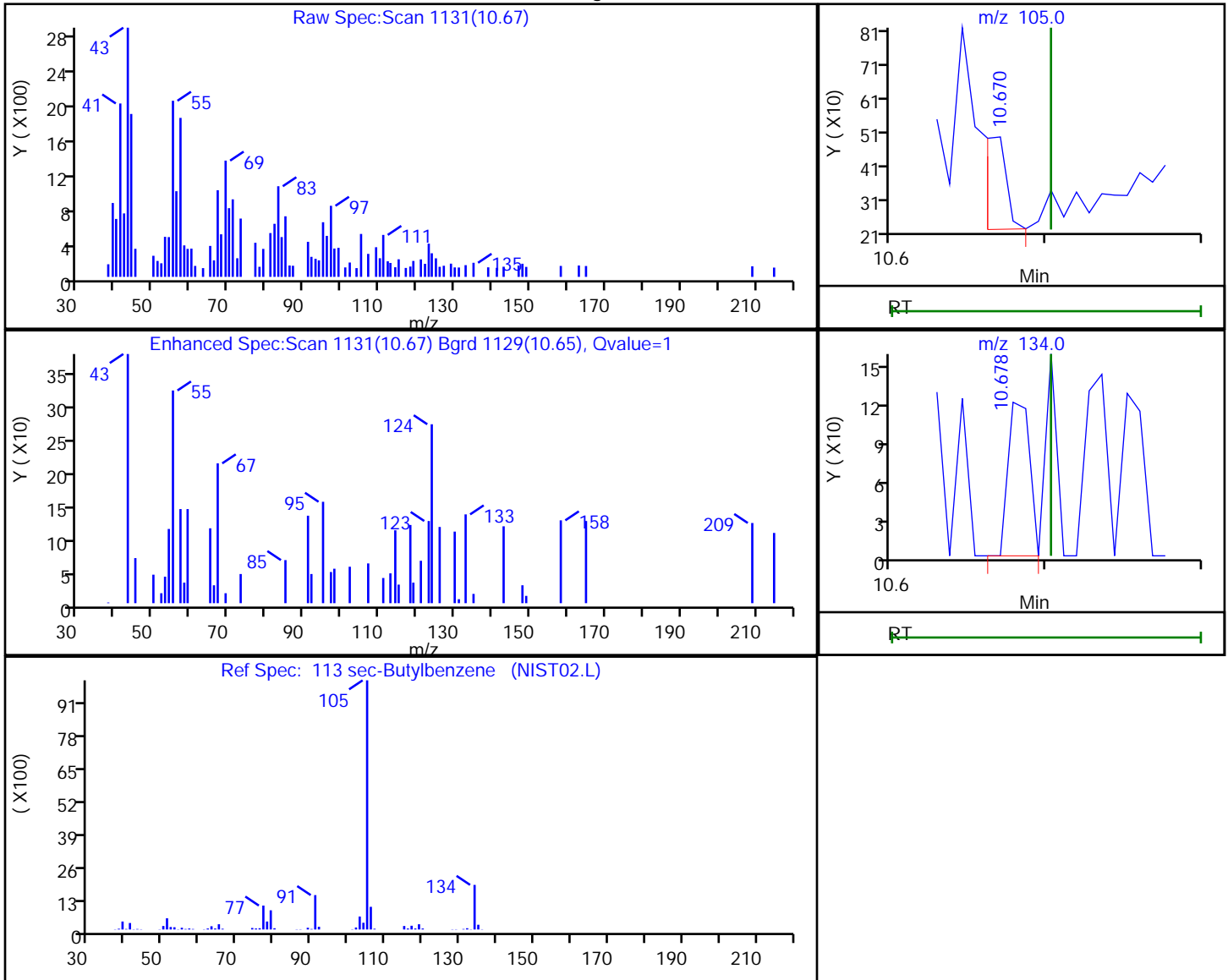
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

113 sec-Butylbenzene, CAS: 135-98-8

Processing Results



RT	Mass	Response	Amount
10.67	105.00	278	0.020873
10.68	134.00	117	

Reviewer: baronm, 26-Aug-2020 16:08:17

Audit Action: Marked Compound Undetected

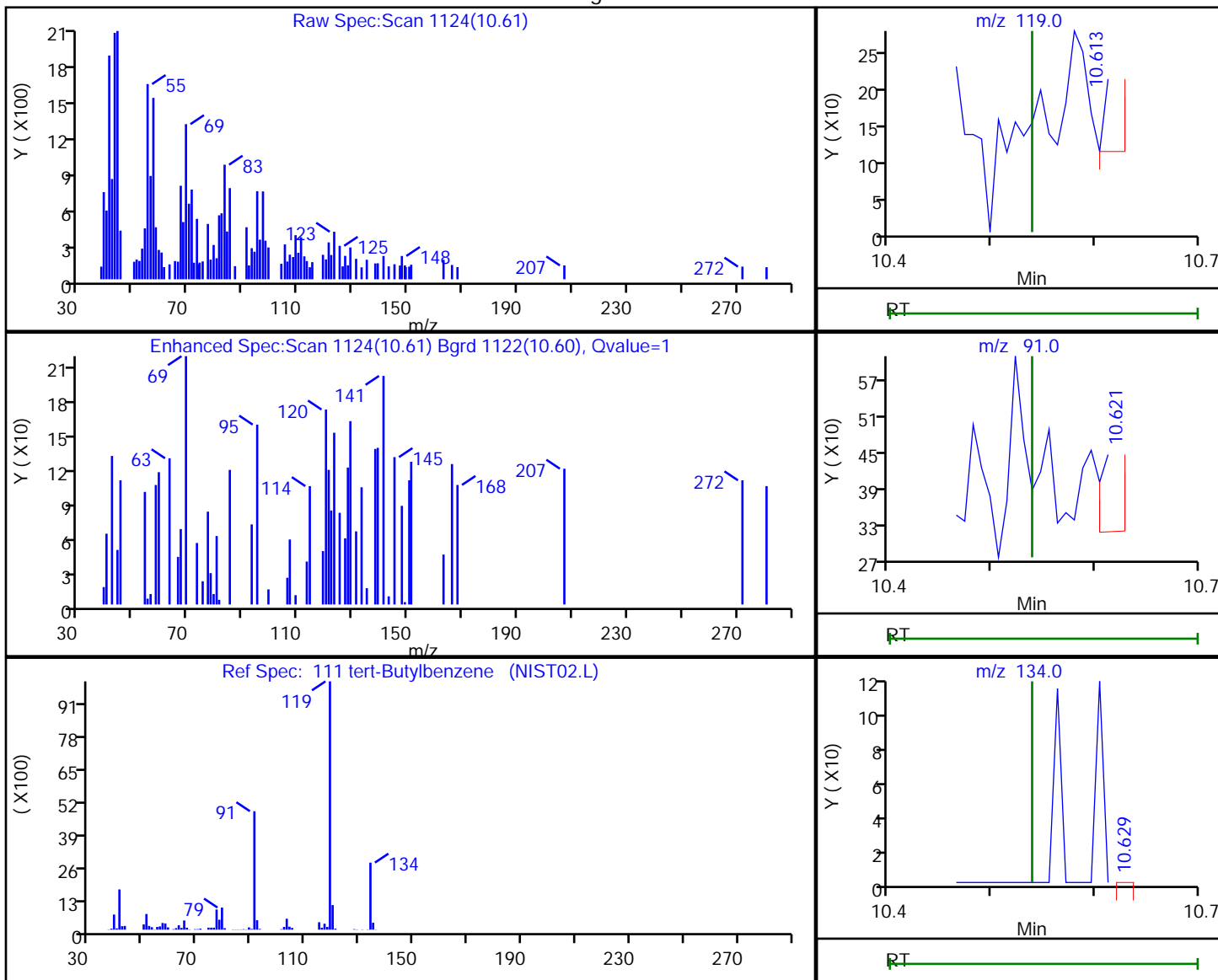
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

111 tert-Butylbenzene, CAS: 98-06-6

Processing Results



RT	Mass	Response	Amount
10.61	119.00	97	0.011681
10.62	91.00	177	
10.63	134.00	64	

Reviewer: baronm, 26-Aug-2020 16:08:15

Audit Action: Marked Compound Undetected

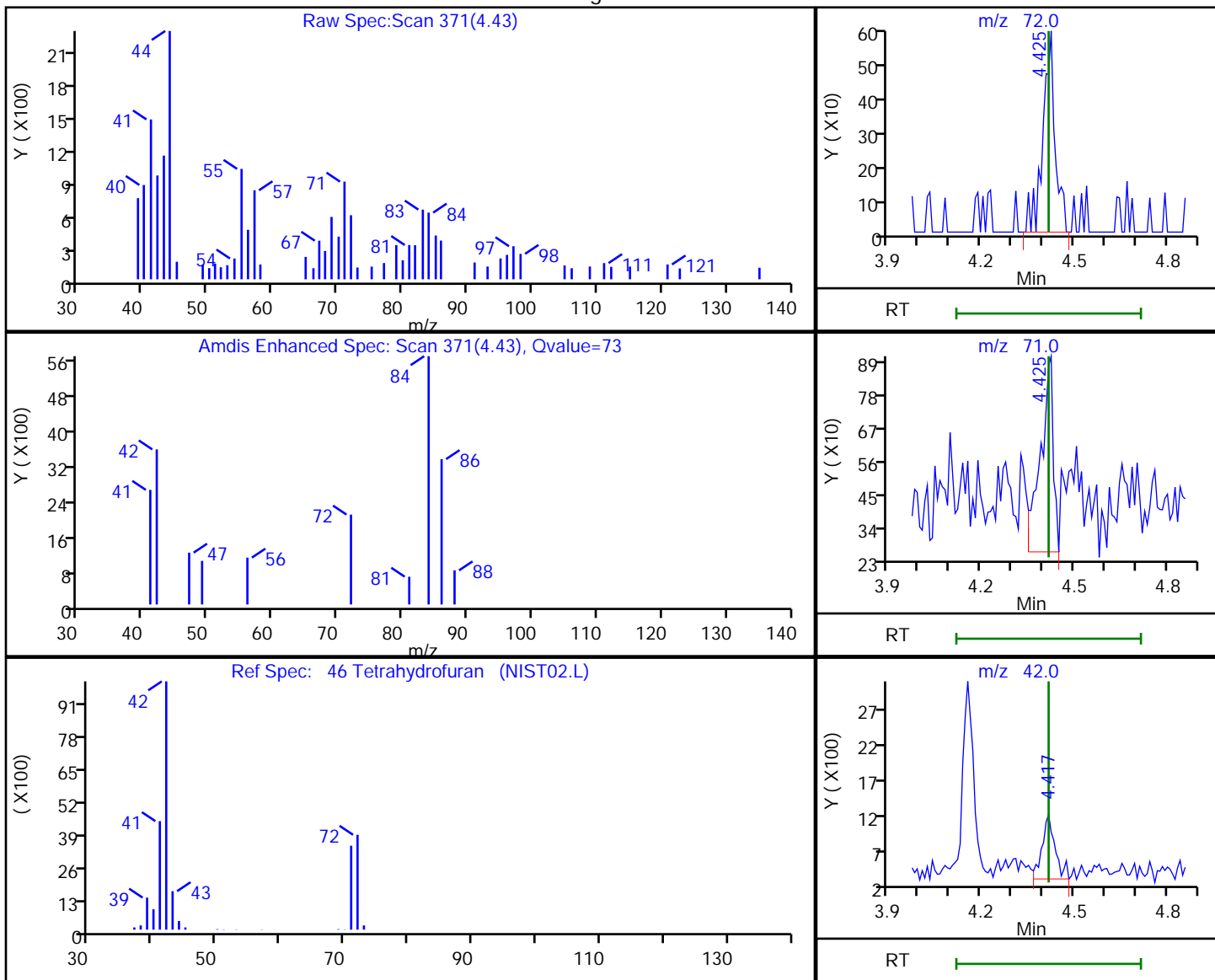
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

46 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
4.43	72.00	1626	3.418956
4.43	71.00	1868	
4.42	42.00	2617	

Reviewer: baronm, 26-Aug-2020 16:07:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

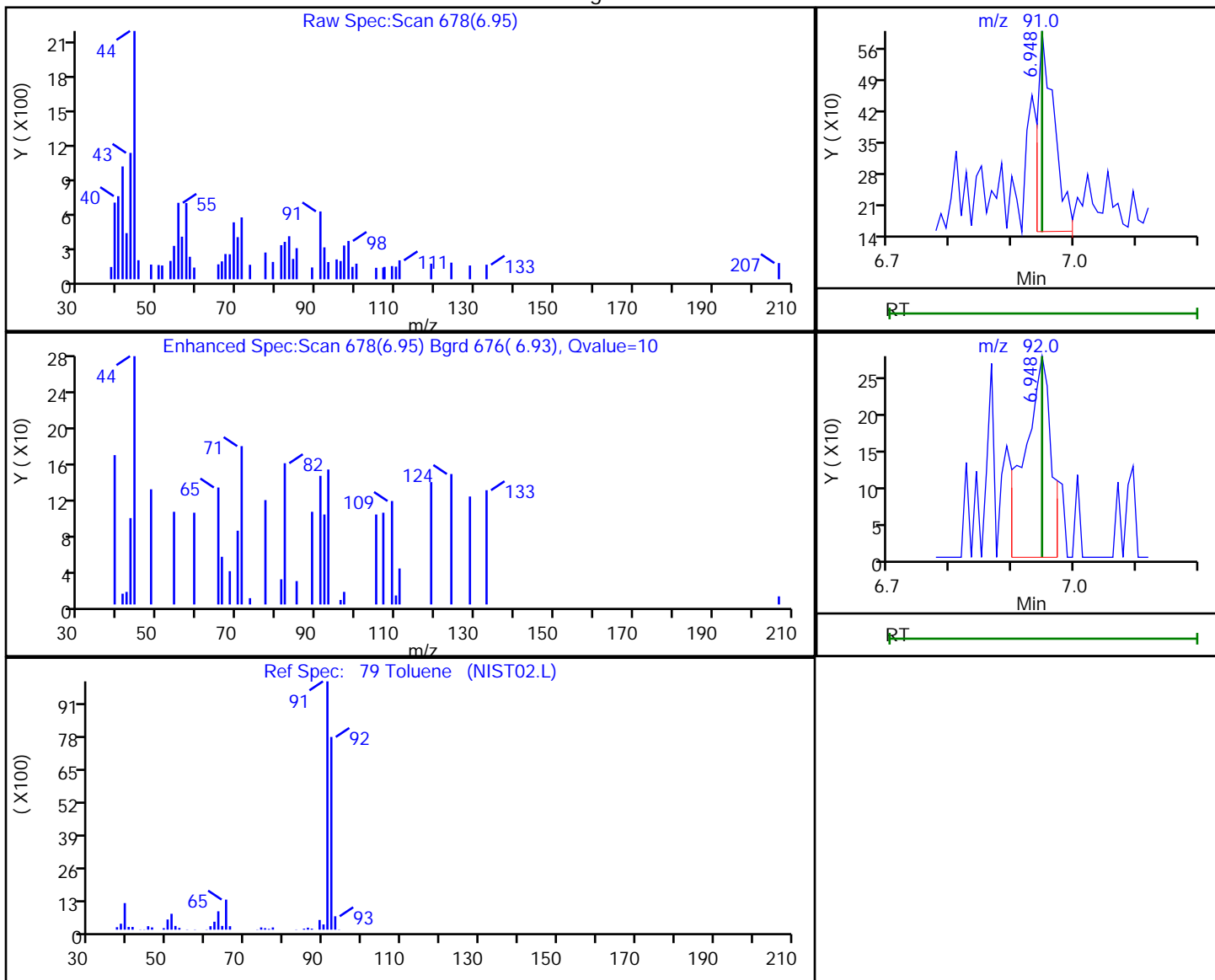
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

79 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.95	91.00	833	0.075709
6.95	92.00	825	

Reviewer: baronm, 26-Aug-2020 16:07:40

Audit Action: Marked Compound Undetected

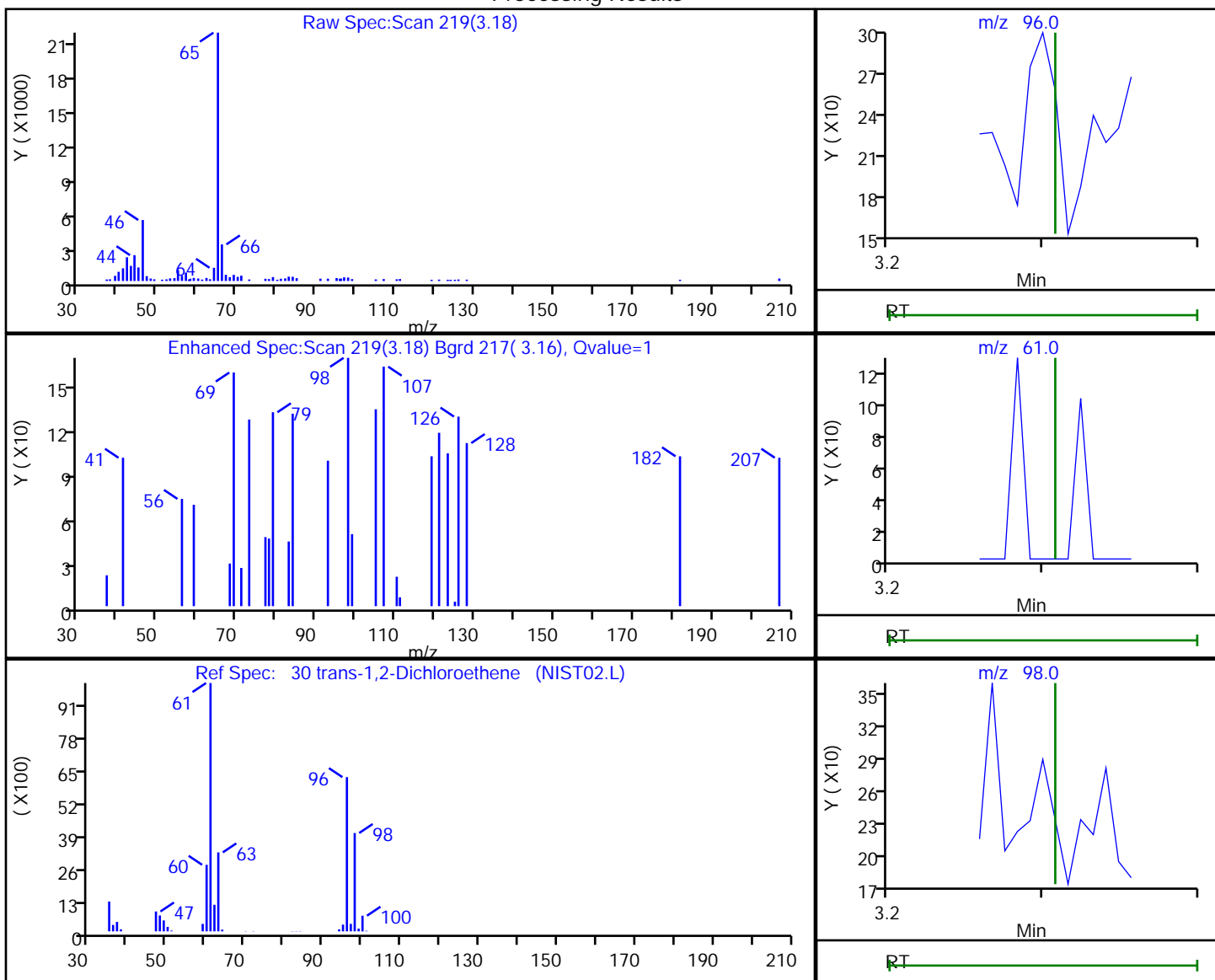
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

30 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results



RT	Mass	Response	Amount
3.18	96.00	136	0.048608
3.17	61.00	337	
3.18	98.00	431	

Reviewer: baronm, 26-Aug-2020 16:06:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

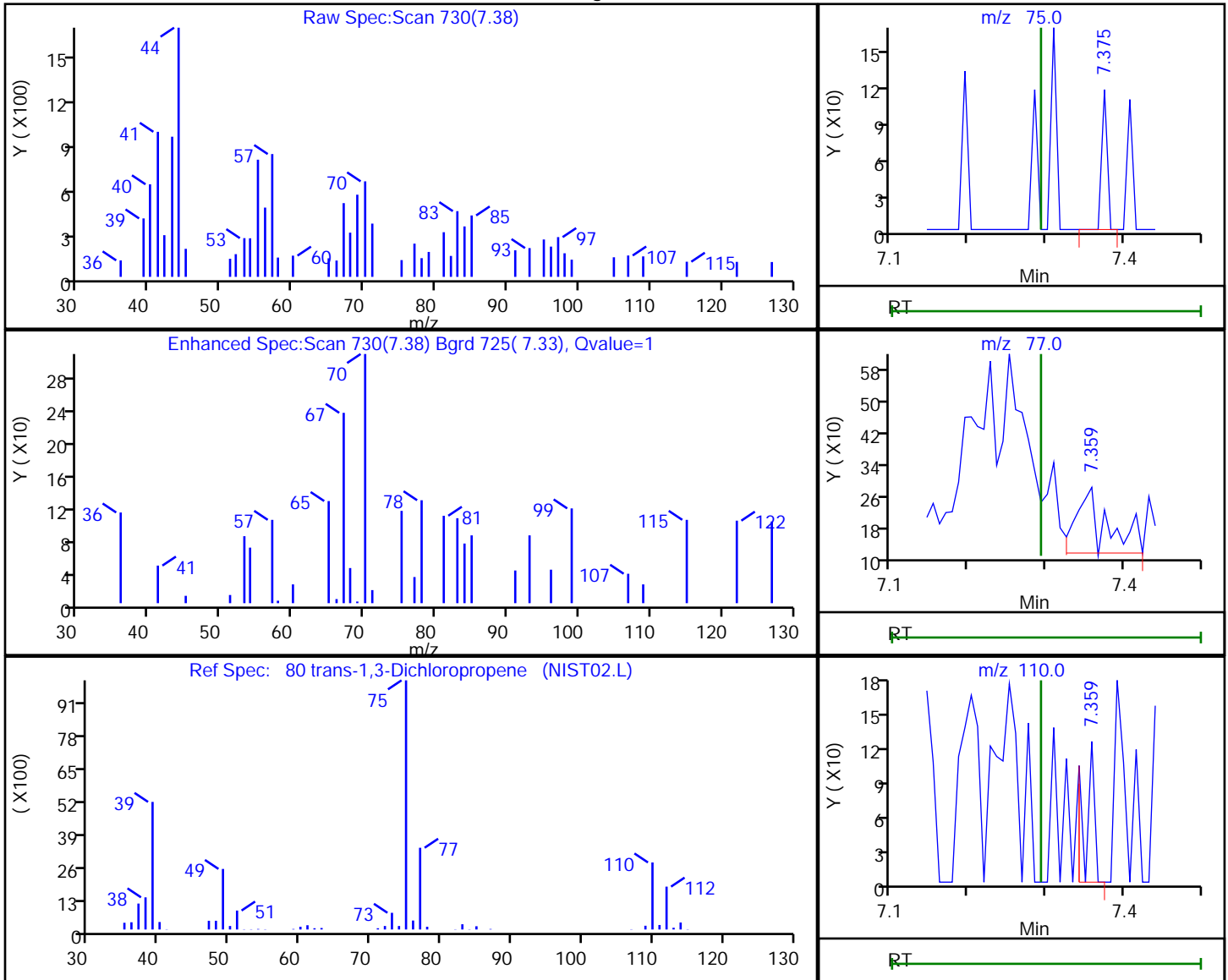
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

80 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results



RT	Mass	Response	Amount
7.38	75.00	56	0.014649
7.36	77.00	441	
7.36	110.00	110	

Reviewer: baronm, 26-Aug-2020 16:07:42

Audit Action: Marked Compound Undetected

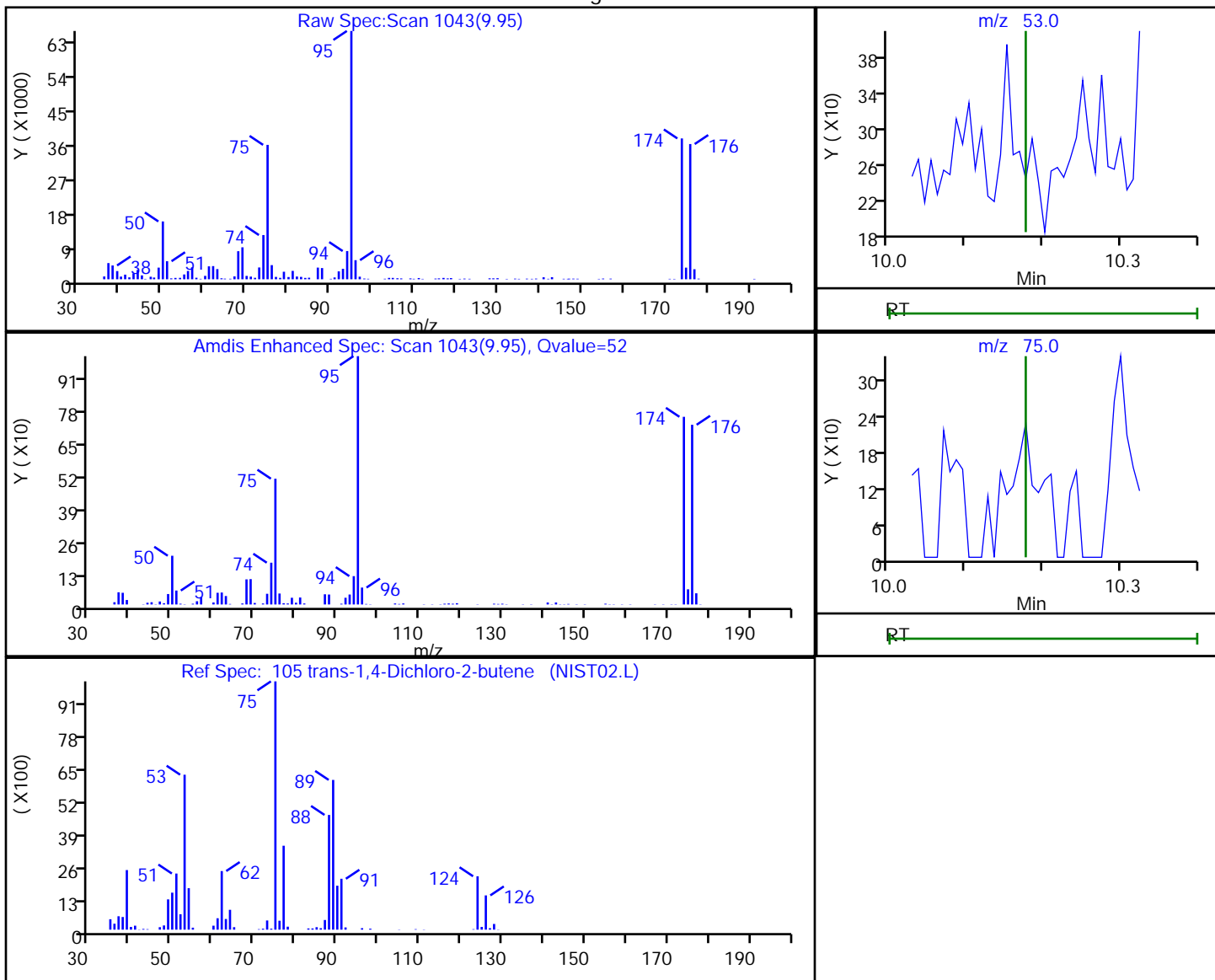
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
 Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
 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

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.95	53.00	460	0.451909
9.96	75.00	101202	

Reviewer: baronm, 26-Aug-2020 16:08:04

Audit Action: Marked Compound Undetected

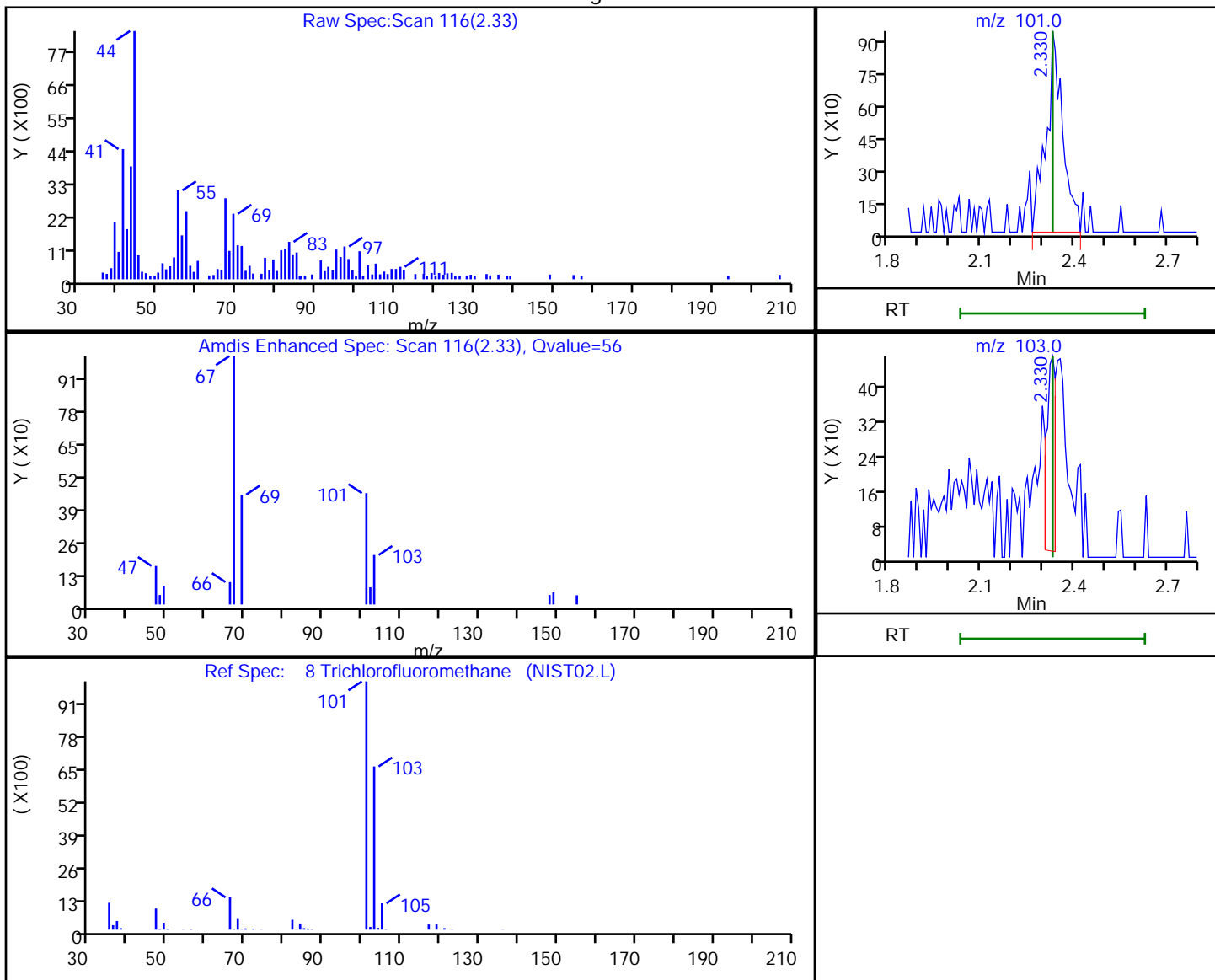
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D
Injection Date: 24-Aug-2020 21:03:30 Instrument ID: CVOAMS6
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
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 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.33	101.00	3534	0.591034
2.33	103.00	901	

Reviewer: baronm, 26-Aug-2020 16:06:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

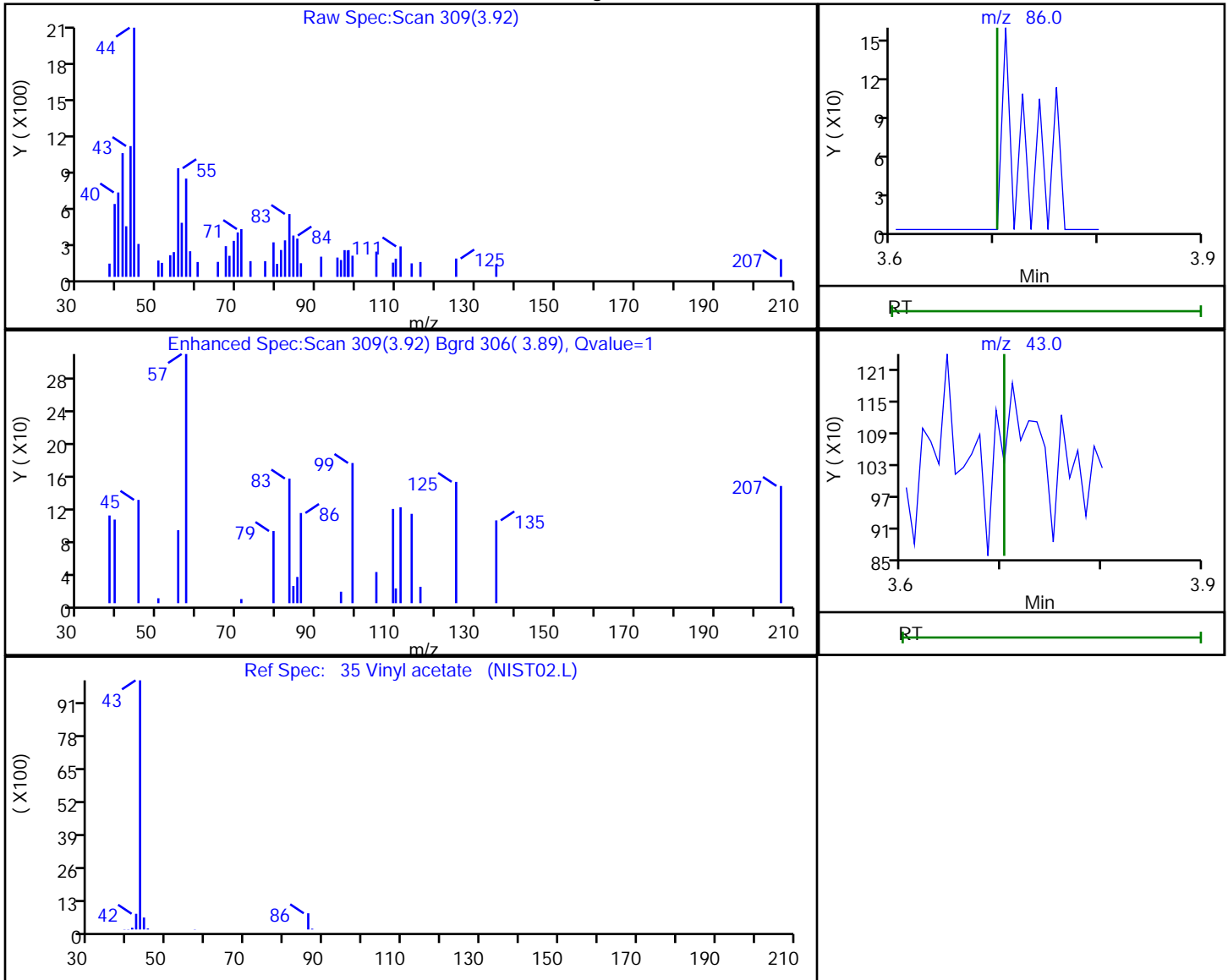
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

35 Vinyl acetate, CAS: 108-05-4

Processing Results



RT	Mass	Response	Amount
3.92	86.00	54	0.093498
3.92	43.00	727	

Reviewer: baronm, 26-Aug-2020 16:06:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003699.D

Injection Date: 24-Aug-2020 21:03:30

Instrument ID: CVOAMS6

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

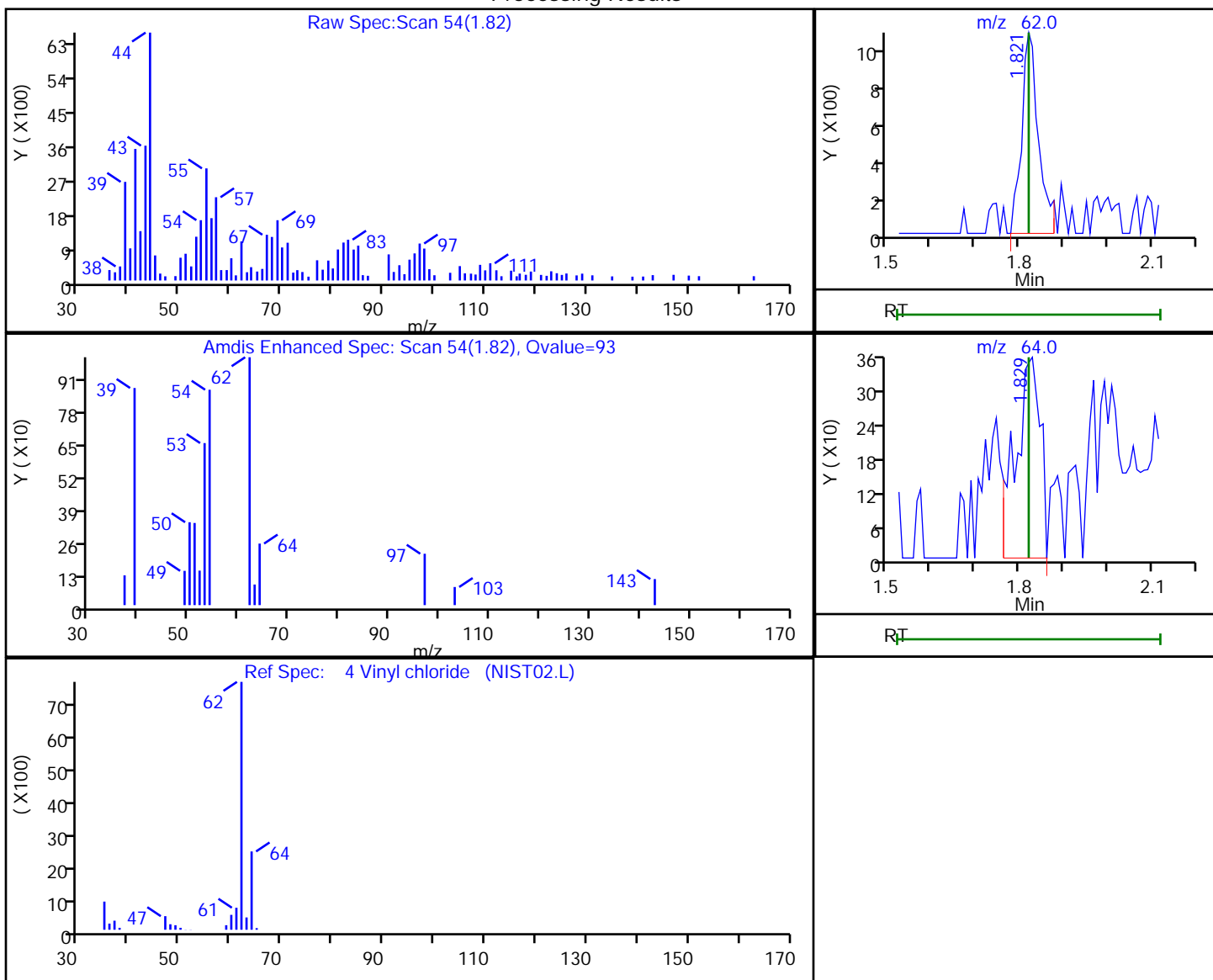
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.82	62.00	2736	0.525375
1.83	64.00	1388	

Reviewer: baronm, 26-Aug-2020 16:05:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 24-Aug-2020 21:53:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0115680-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:36:40 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc

Date: 25-Aug-2020 06:28:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.574	-0.016	77	2437	1.00	0.99	
2 Chloromethane	50	1.730	1.738	-0.008	98	4232	1.00	1.20	
3 Butadiene	54	1.812	1.820	-0.008	93	3432	1.00	1.09	
4 Vinyl chloride	62	1.812	1.820	-0.008	96	4288	1.00	1.22	
5 Bromomethane	94	2.084	2.092	-0.008	76	2348	1.00	1.05	
6 Chloroethane	64	2.141	2.141	0.000	94	2799	1.00	1.26	
7 Dichlorofluoromethane	67	2.305	2.313	-0.008	91	6244	1.00	1.20	
8 Trichlorofluoromethane	101	2.322	2.330	-0.008	58	4731	1.00	1.18	M
9 Pentane	72	2.338	2.346	-0.008	96	905	2.00	2.03	Ma
10 Ethyl ether	59	2.503	2.511	-0.008	85	1874	1.00	1.05	Ma
11 Ethanol	46	2.470	2.511	-0.041	71	1262	40.0	185.6	
12 2-Methyl-1,3-butadiene	53	2.535	2.527	0.008	13	2170	1.00	1.04	a
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.544	2.560	-0.016	1	1966	1.00	1.21	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	2	3795	1.00	1.01	Ma
15 Acrolein	56	2.683	2.675	0.008	36	581	4.00	4.77	a
16 112TCTFE	101	2.683	2.691	-0.008	88	2099	1.00	1.23	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	93	1989	1.00	1.17	M
18 Acetone	43	2.790	2.790	0.000	67	3804	5.00	6.42	M
19 Iodomethane	142	2.856	2.872	-0.016	93	3324	1.00	1.10	
20 Isopropyl alcohol	45	2.848	2.880	-0.032	24	897	10.0	9.38	M
21 Carbon disulfide	76	2.913	2.922	-0.009	95	7480	1.00	1.13	
22 3-Chloro-1-propene	41	2.996	3.004	-0.008	67	3745	1.00	1.08	
23 Methyl acetate	43	3.020	3.020	0.000	82	4353	2.00	2.55	
24 Cyclopentene	67	3.028	3.028	0.000	93	4466	1.00	1.01	
25 Acetonitrile	41	3.111	3.094	0.017	20	1667	10.0	8.31	
26 Methylene Chloride	84	3.135	3.143	-0.008	31	2805	1.00	1.32	
* 27 TBA-d9 (IS)	65	3.119	3.143	-0.024	0	198970	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.185	3.193	-0.008	28	2829	10.0	12.7	a
29 Methyl tert-butyl ether	73	3.275	3.283	-0.008	96	6248	1.00	1.28	
30 trans-1,2-Dichloroethene	96	3.300	3.308	-0.008	92	2246	1.00	1.23	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.374	3.382	-0.008	92	7733	10.0	8.96	
32 Hexane	43	3.456	3.456	0.000	84	1619	1.00	1.18	M
33 Isopropyl ether	45	3.653	3.661	-0.008	89	5430	1.00	1.04	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	57	3361	1.00	1.06	
35 Vinyl acetate	86	3.694	3.702	-0.008	99	935	2.00	2.31	
36 2-Chloro-1,3-butadiene	88	3.727	3.735	-0.008	92	1626	1.00	1.01	
37 Tert-butyl ethyl ether	59	3.957	3.965	-0.008	87	5711	1.00	1.13	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	232207	250.0	250.0	
39 2,2-Dichloropropane	97	4.195	4.179	0.016	60	597	1.00	1.03	
40 cis-1,2-Dichloroethene	96	4.179	4.187	-0.008	95	2467	1.00	1.20	
41 Ethyl acetate	70	4.212	4.212	0.000	92	434	2.00	1.95	
42 2-Butanone (MEK)	72	4.203	4.212	-0.009	97	1741	5.00	6.39	
43 Methyl acrylate	55	4.261	4.261	0.000	46	2227	1.00	1.20	Ma
44 Propionitrile	54	4.335	4.335	0.000	90	2565	10.0	8.45	a
45 Chlorobromomethane	128	4.409	4.409	0.000	81	935	1.00	0.9858	
46 Tetrahydrofuran	72	4.417	4.417	0.000	61	821	2.00	2.48	
47 Methacrylonitrile	67	4.434	4.433	0.001	94	9301	10.0	9.87	
48 Chloroform	83	4.458	4.458	0.000	65	3854	1.00	1.25	
49 Cyclohexane	84	4.598	4.598	0.000	31	3065	1.00	1.03	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	35	3328	1.00	1.20	a
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.614	-0.008	95	85210	50.0	48.9	
52 Carbon tetrachloride	117	4.729	4.721	0.008	95	2425	1.00	1.06	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	94	2865	1.00	1.18	
54 Isobutyl alcohol	43	4.869	4.869	0.000	46	1579	25.0	25.2	a
55 Benzene	78	4.943	4.943	0.000	74	7892	1.00	1.15	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.959	-0.008	0	111490	50.0	48.8	
57 Isopropyl acetate	43	4.992	5.000	-0.008	92	6180	1.00	1.04	
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	78	5770	1.00	1.05	a
59 1,2-Dichloroethane	62	5.033	5.033	0.000	94	2843	1.00	1.12	
60 n-Heptane	57	5.091	5.099	-0.008	44	1098	1.00	0.9426	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	343893	50.0	50.0	
62 n-Butanol	56	5.526	5.518	0.008	22	2002	25.0	33.3	a
63 Trichloroethene	95	5.567	5.567	0.000	90	2038	1.00	1.11	
64 Ethyl acrylate	55	5.691	5.691	0.000	94	6118	1.00	1.21	
65 Methylcyclohexane	83	5.699	5.699	0.000	80	3604	1.00	1.12	
66 1,2-Dichloropropane	63	5.847	5.855	-0.008	87	2190	1.00	1.16	
* 67 1,4-Dioxane-d8	96	5.904	5.912	-0.008	0	17152	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.937	-0.008	87	1093	2.00	1.91	
69 Dibromomethane	93	5.978	5.986	-0.008	53	1769	1.00	1.36	M
70 n-Propyl acetate	43	5.987	5.986	0.001	96	3370	1.00	1.15	
71 1,4-Dioxane	88	5.970	5.986	-0.016	25	636	50.0	43.3	
72 Dichlorobromomethane	83	6.126	6.126	0.000	97	2366	1.00	1.00	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	62	1537	1.00	1.23	
74 2-Nitropropane	41	6.471	6.463	0.008	84	1630	2.00	2.29	M
75 Epichlorohydrin	57	6.570	6.570	0.000	94	4475	20.0	20.6	
76 cis-1,3-Dichloropropene	75	6.619	6.627	-0.008	93	3478	1.00	1.20	a
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	94	10404	5.00	4.93	a
\$ 78 Toluene-d8 (Surr)	98	6.866	6.874	-0.008	99	351738	50.0	51.4	
79 Toluene	91	6.948	6.948	0.000	91	8464	1.00	1.15	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	94	2916	1.00	1.10	
81 Ethyl methacrylate	69	7.326	7.326	0.000	83	3430	1.00	1.28	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	89	1323	1.00	1.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	88	1723	1.00	1.12	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	91	2676	1.00	1.01	
85 2-Hexanone	43	7.778	7.778	0.000	96	7968	5.00	5.67	
86 n-Butyl acetate	43	7.901	7.893	0.008	94	3501	1.00	1.14	M
87 Chlorodibromomethane	129	7.934	7.934	0.000	94	1840	1.00	1.12	
88 Ethylene Dibromide	107	8.090	8.090	0.000	93	1927	1.00	1.19	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	88	239091	50.0	50.0	a
90 Chlorobenzene	112	8.673	8.673	0.000	95	5142	1.00	1.12	
91 Ethylbenzene	106	8.780	8.780	0.000	98	2783	1.00	1.08	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	92	1839	1.00	1.09	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	3606	1.00	1.14	
94 n-Butyl acrylate	73	9.405	9.405	0.000	91	1794	1.00	1.06	
95 o-Xylene	106	9.413	9.413	0.000	92	3608	1.00	1.09	
96 Styrene	104	9.446	9.446	0.000	94	6017	1.00	1.13	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	95	4255	1.00	1.04	
98 Bromoform	173	9.651	9.651	0.000	51	1331	1.00	1.11	
99 Isopropylbenzene	105	9.775	9.774	0.001	95	8415	1.00	1.04	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	83	101514	50.0	50.6	
101 Bromobenzene	156	10.079	10.078	0.001	96	2201	1.00	1.09	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	94	2374	1.00	1.00	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	10724	1.00	1.02	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	94	1066	1.00	1.35	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	64	811	1.00	1.15	Ma
106 2-Chlorotoluene	91	10.235	10.235	0.000	96	7098	1.00	1.00	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	97	8538	1.00	1.00	a
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	91	6941	1.00	0.9801	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	6808	1.00	1.08	a
110 Butyl Methacrylate	87	10.383	10.382	0.001	88	3324	1.00	1.10	
111 tert-Butylbenzene	119	10.539	10.539	0.000	92	5189	1.00	0.9120	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	97	7656	1.00	1.01	
113 sec-Butylbenzene	105	10.703	10.703	0.000	99	9042	1.00	0.99	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	91	4013	1.00	1.00	a
115 4-Isopropyltoluene	119	10.802	10.802	0.000	95	7025	1.00	0.8884	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	97	133506	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	91	4143	1.00	1.05	a
118 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	94	7996	1.00	1.02	
119 Benzyl chloride	91	10.974	10.974	0.000	98	5355	1.00	1.16	
120 2,3-Dihydroindene	117	11.024	11.023	0.001	94	7866	1.00	1.01	a
121 p-Diethylbenzene	119	11.065	11.064	0.001	88	3962	1.00	0.9540	
122 n-Butylbenzene	92	11.081	11.081	0.000	97	4278	1.00	1.01	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	93	4158	1.00	1.04	a
124 1,2,4,5-Tetramethylbenzene	119	11.549	11.541	0.008	96	7776	1.00	0.9648	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.615	0.000	86	623	1.00	1.06	M
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	93	3073	1.00	0.9789	
127 1,2,4-Trichlorobenzene	180	12.092	12.083	0.009	90	3622	1.00	1.16	
128 Hexachlorobutadiene	225	12.157	12.157	0.000	88	1624	1.00	1.36	
129 Naphthalene	128	12.256	12.256	0.000	99	9259	1.00	1.06	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	93	3301	1.00	1.13	
S 131 1,2-Dichloroethene, Total	100				0		2.00	2.43	
S 132 Xylenes, Total	100				0		2.00	2.23	

QC Flag Legend

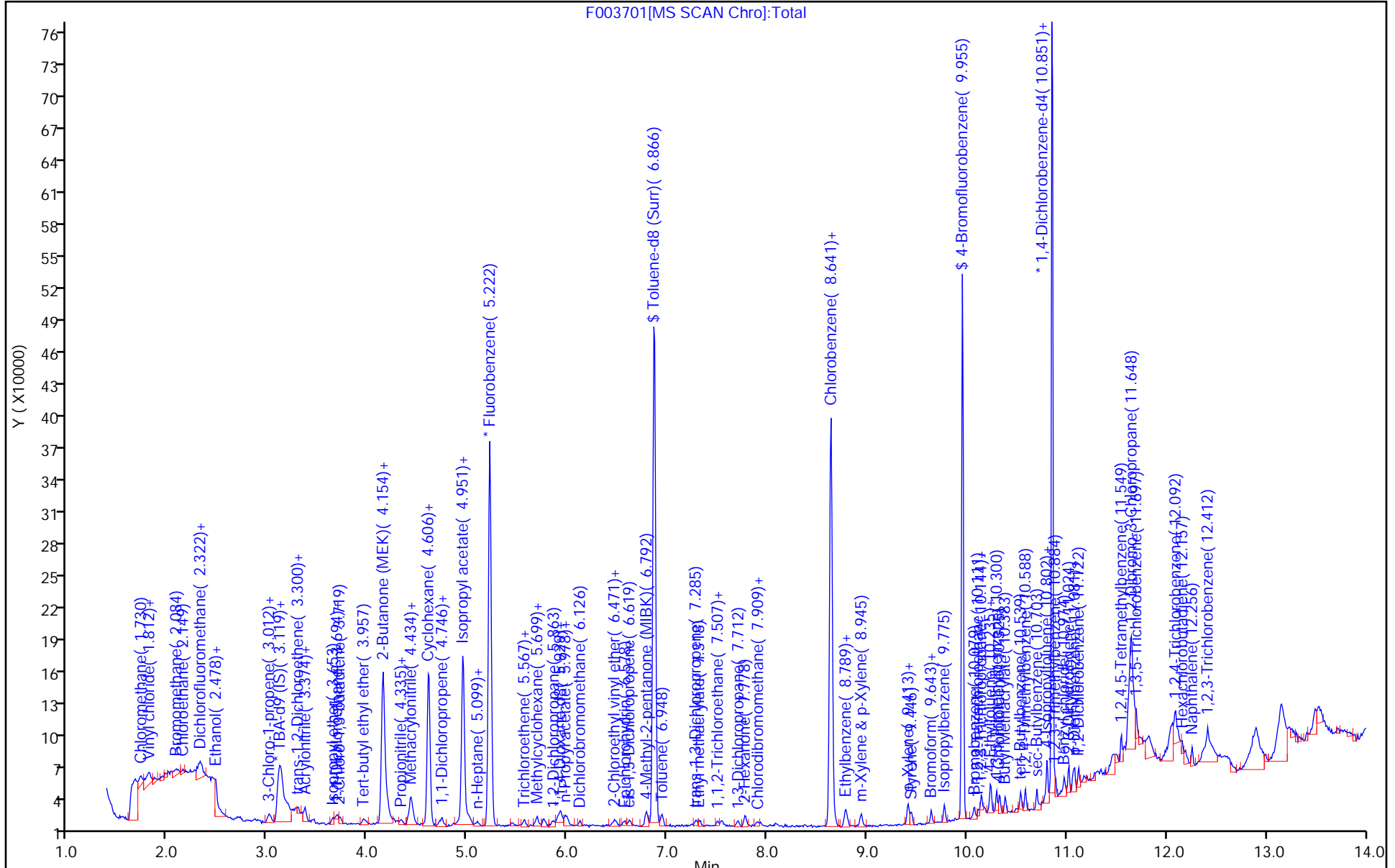
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00382	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 10.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
524freon_00026	Amount Added: 10.00	Units: uL	
14DIOXINTER_00118	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

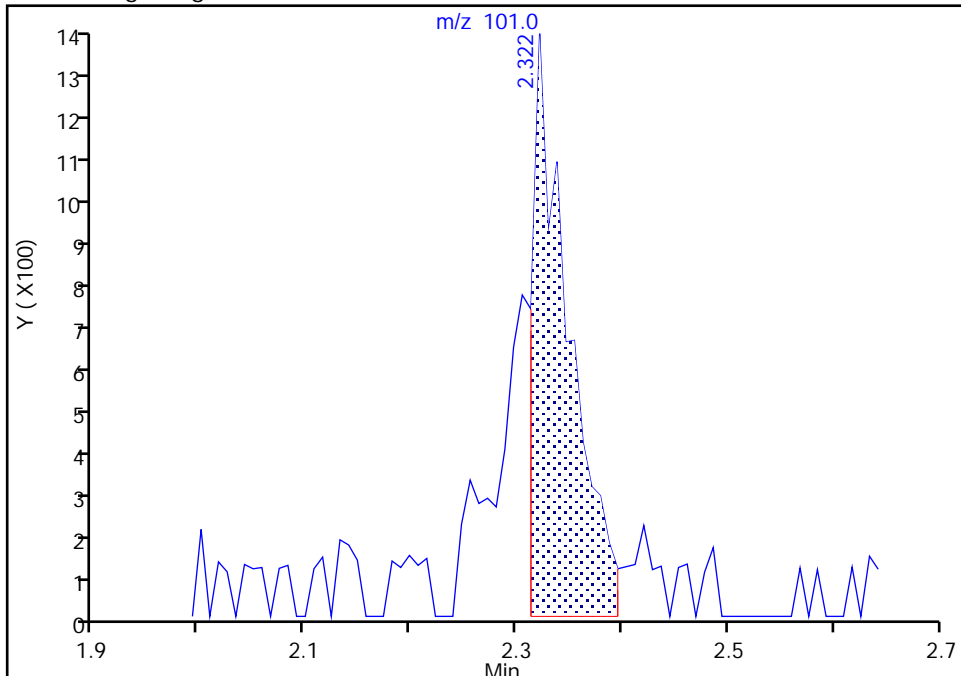
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Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

8 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

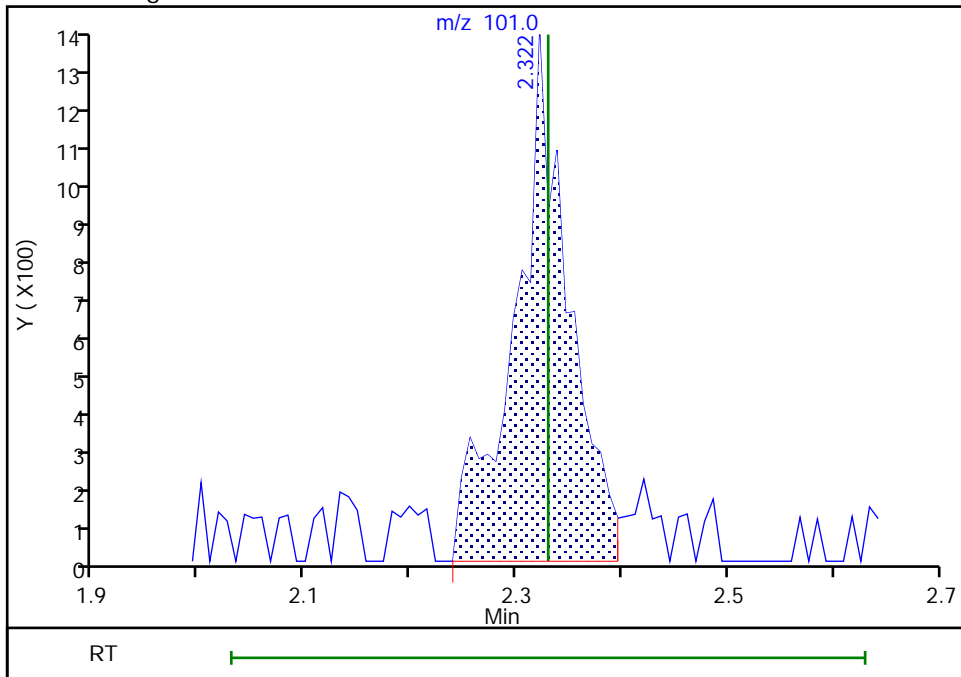
RT: 2.32
Area: 3219
Amount: 0.853397
Amount Units: ug/l

Processing Integration Results



RT: 2.32
Area: 4731
Amount: 1.175700
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:09:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins TestAmerica, Edison

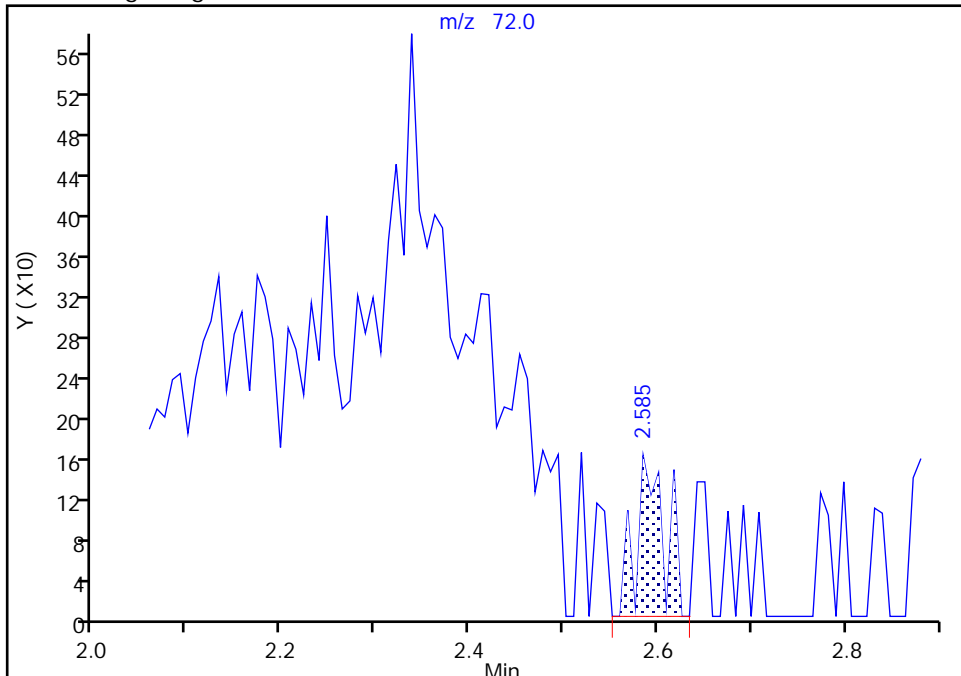
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Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

9 Pentane, CAS: 109-66-0

Signal: 1

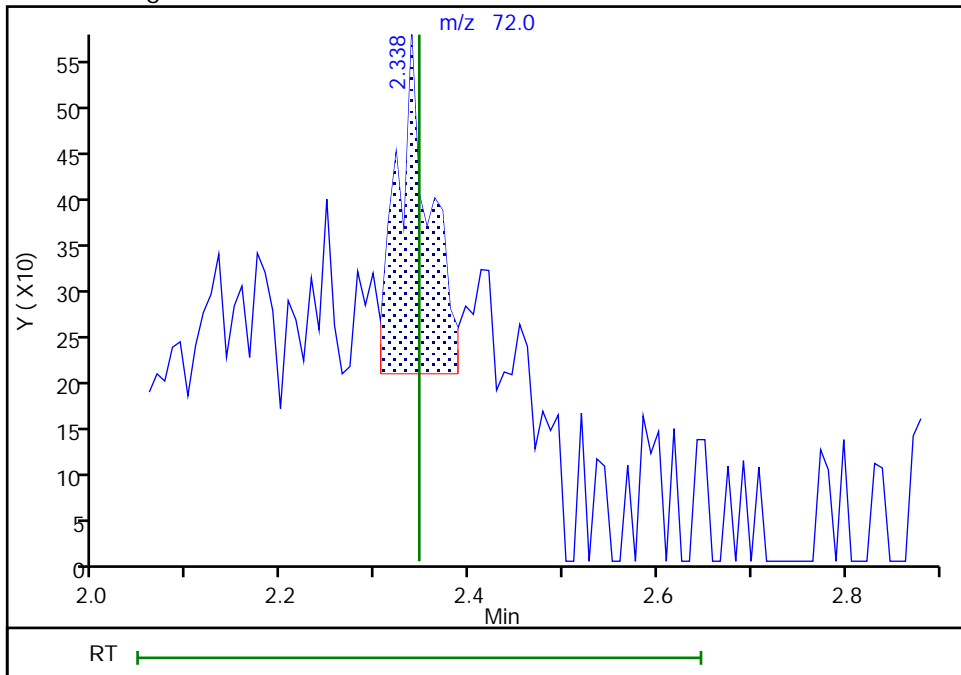
RT: 2.58
Area: 330
Amount: 0.699681
Amount Units: ug/l

Processing Integration Results



RT: 2.34
Area: 905
Amount: 2.031346
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:10:04
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

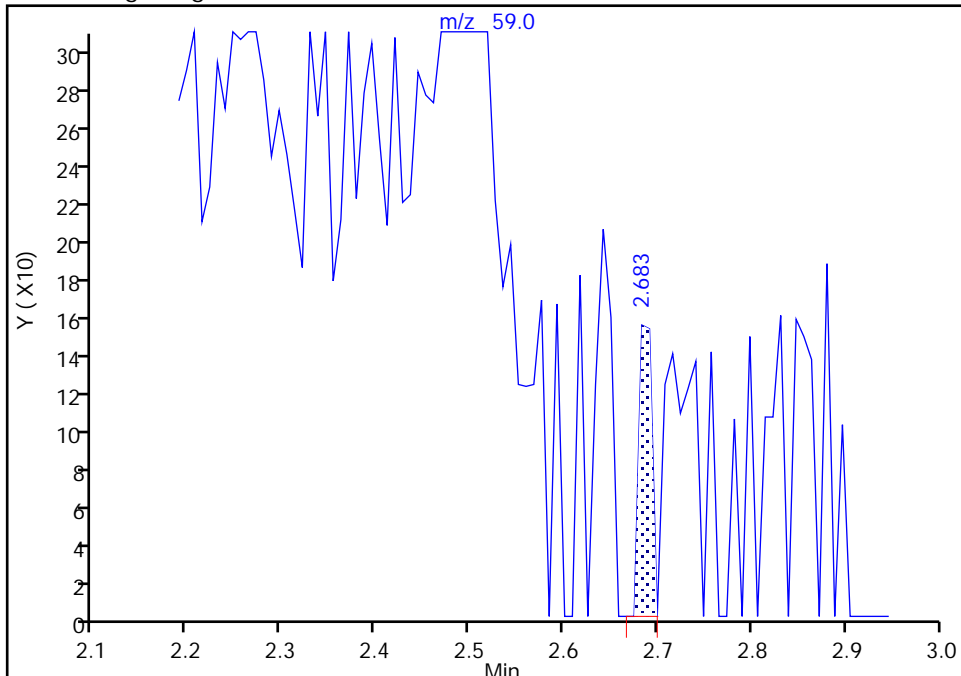
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Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Ethyl ether, CAS: 60-29-7

Signal: 1

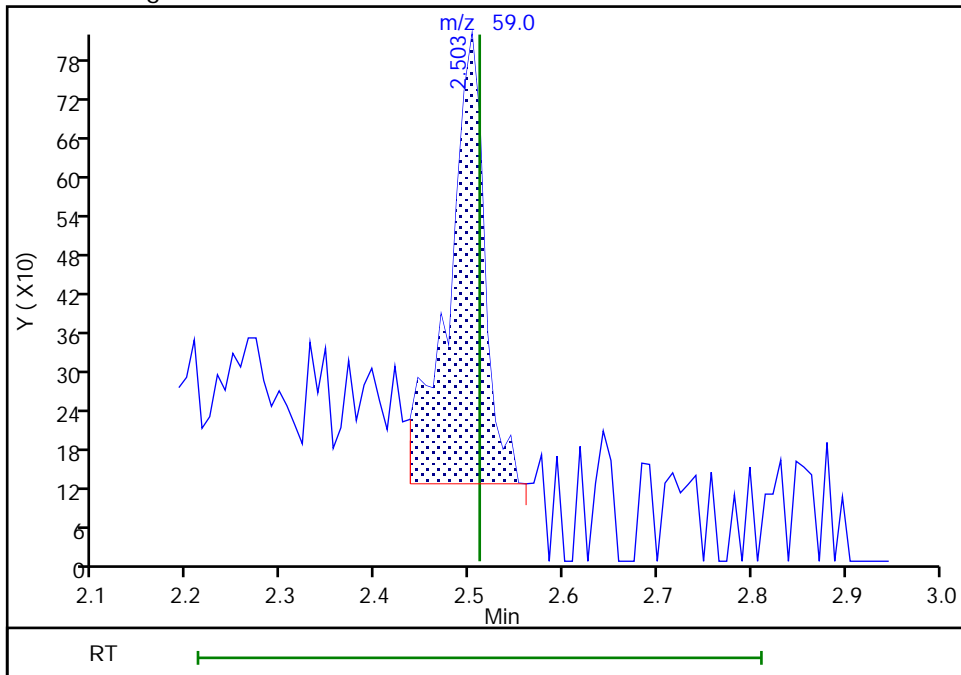
RT: 2.68
Area: 149
Amount: 0.121745
Amount Units: ug/l

Processing Integration Results



RT: 2.50
Area: 1874
Amount: 1.054040
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:12:12
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

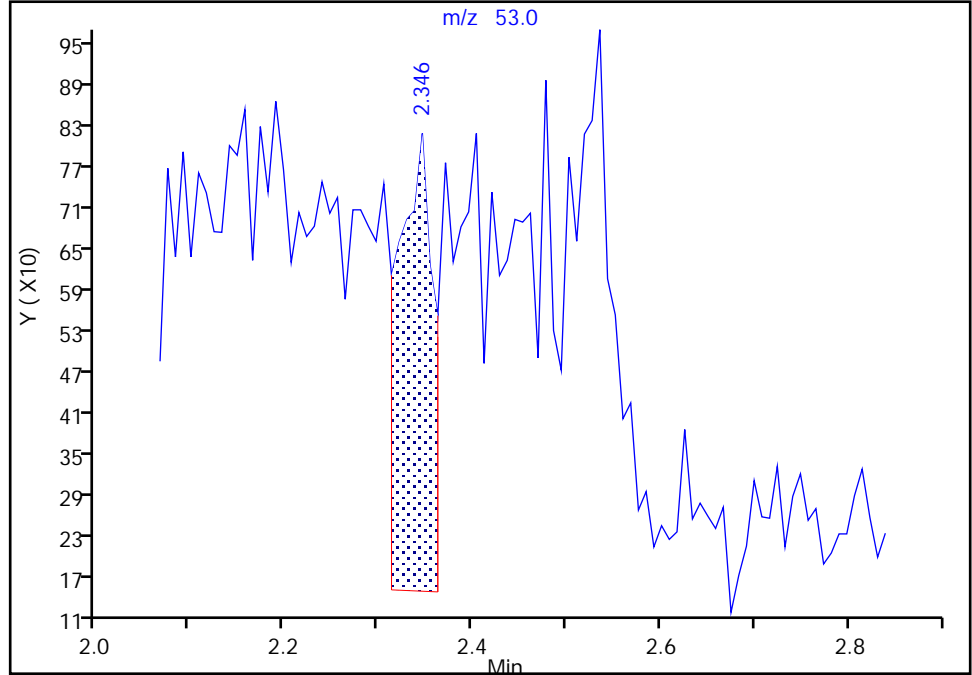
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

12 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

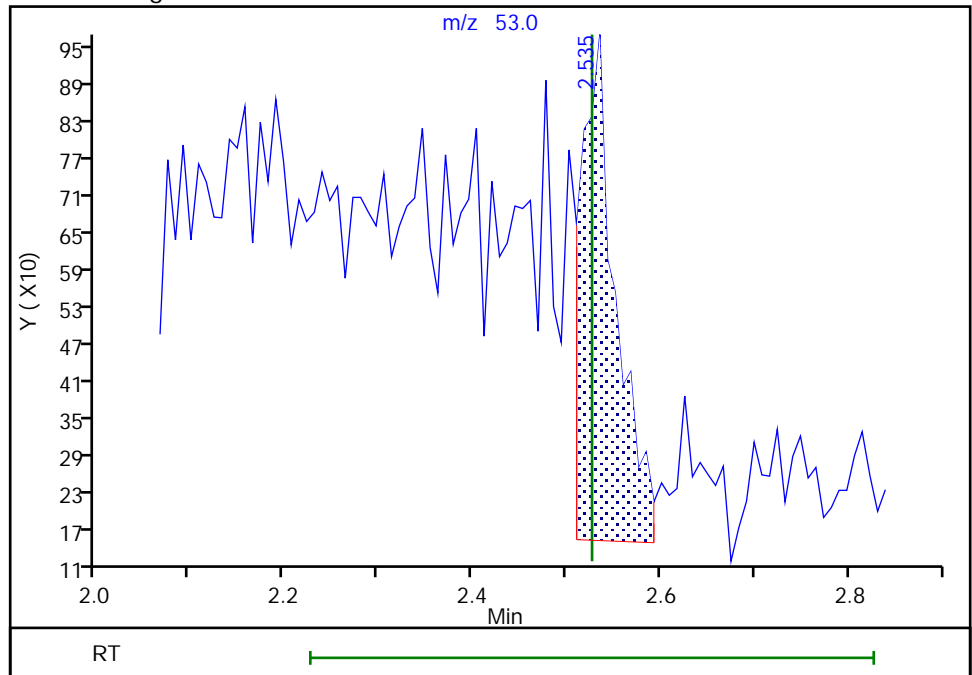
RT: 2.35
Area: 1788
Amount: 0.882762
Amount Units: ug/l

Processing Integration Results



RT: 2.54
Area: 2170
Amount: 1.038711
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:30:55
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

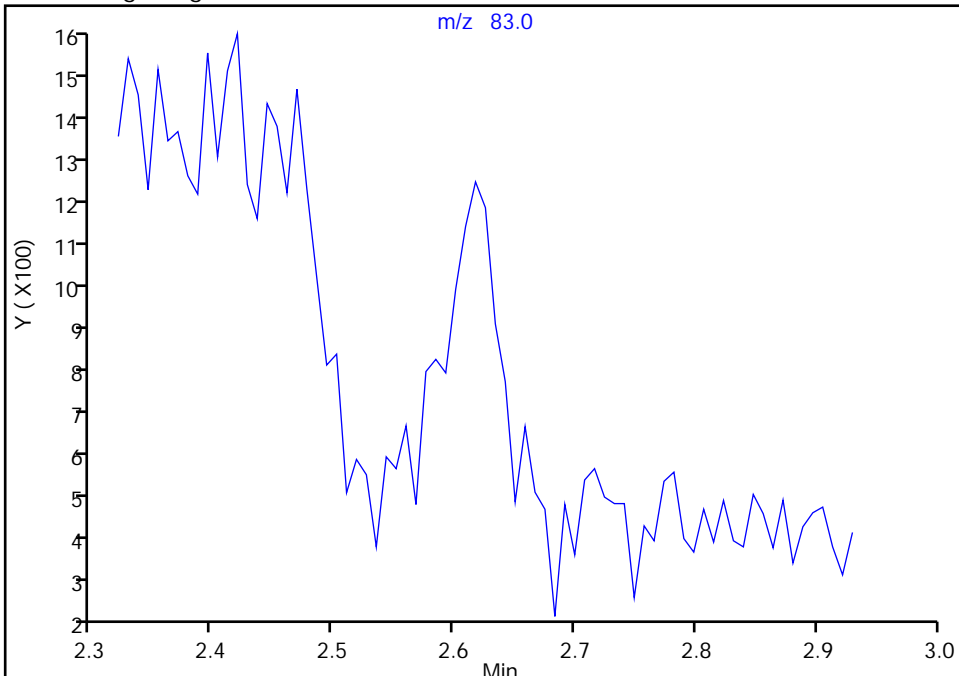
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

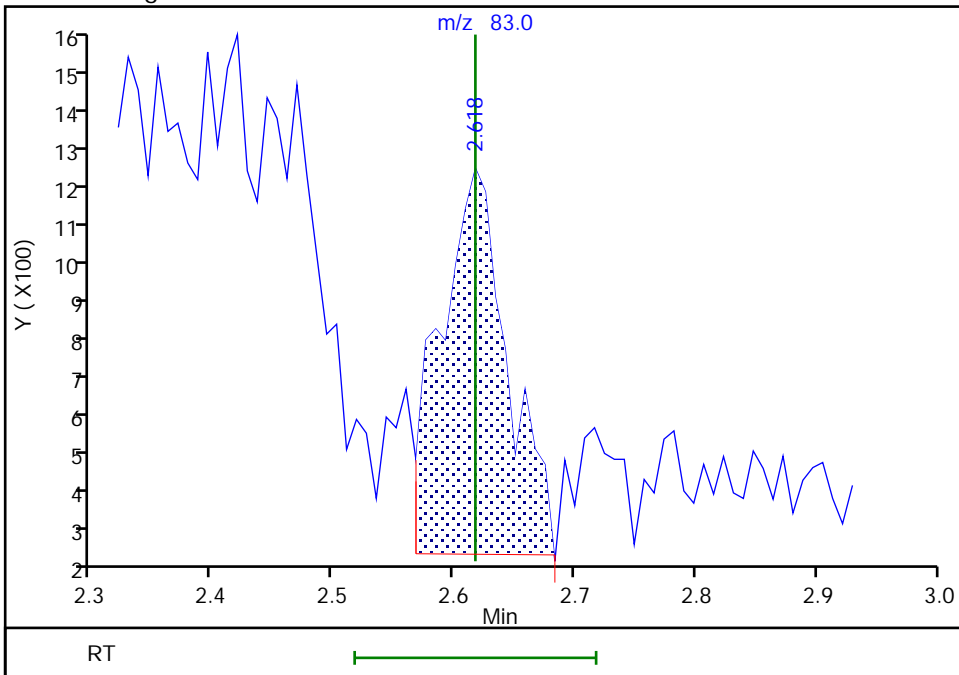
Signal: 1

Not Detected
Expected RT: 2.62

Processing Integration Results



Manual Integration Results



RT: 2.62
Area: 3795
Amount: 1.009501
Amount Units: ug/l

Reviewer: baronm, 26-Aug-2020 16:33:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

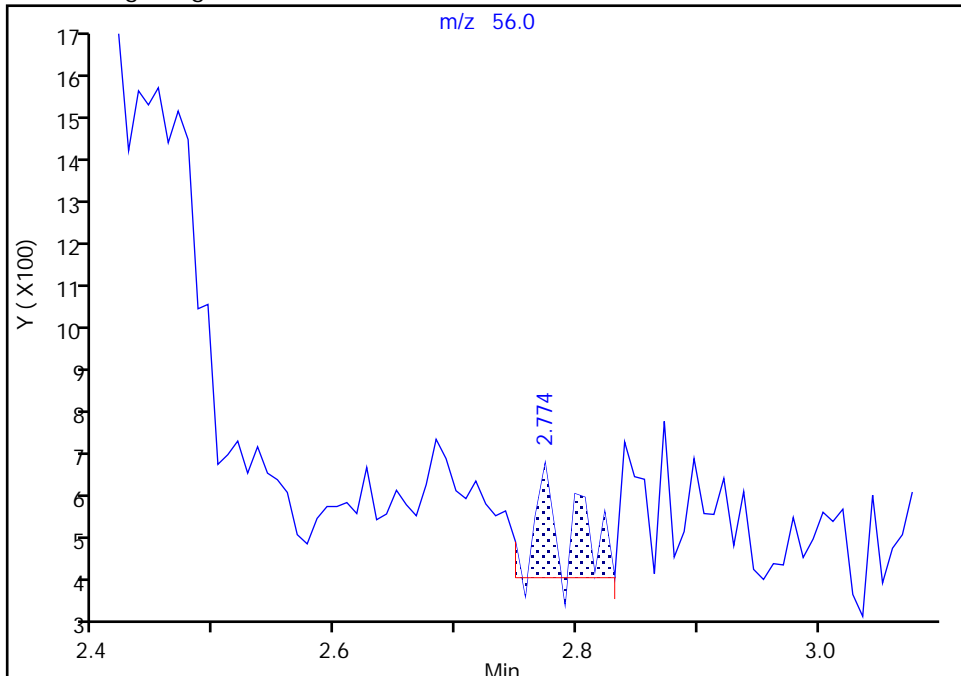
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

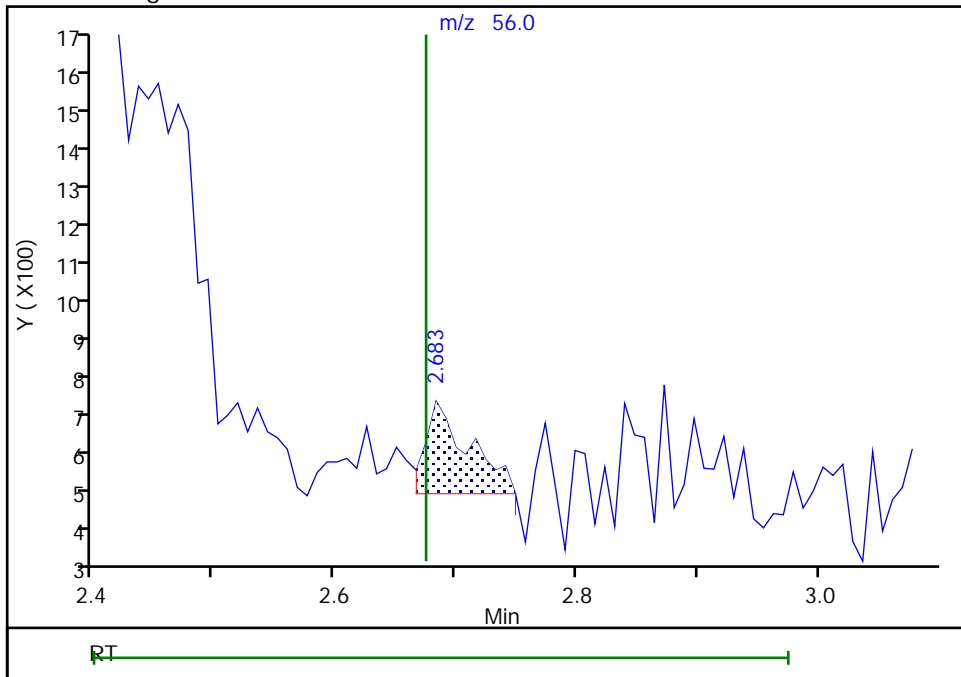
RT: 2.77
Area: 500
Amount: 4.217945
Amount Units: ug/l

Processing Integration Results



RT: 2.68
Area: 581
Amount: 4.765571
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:10:34
Audit Action: Assigned Compound ID

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

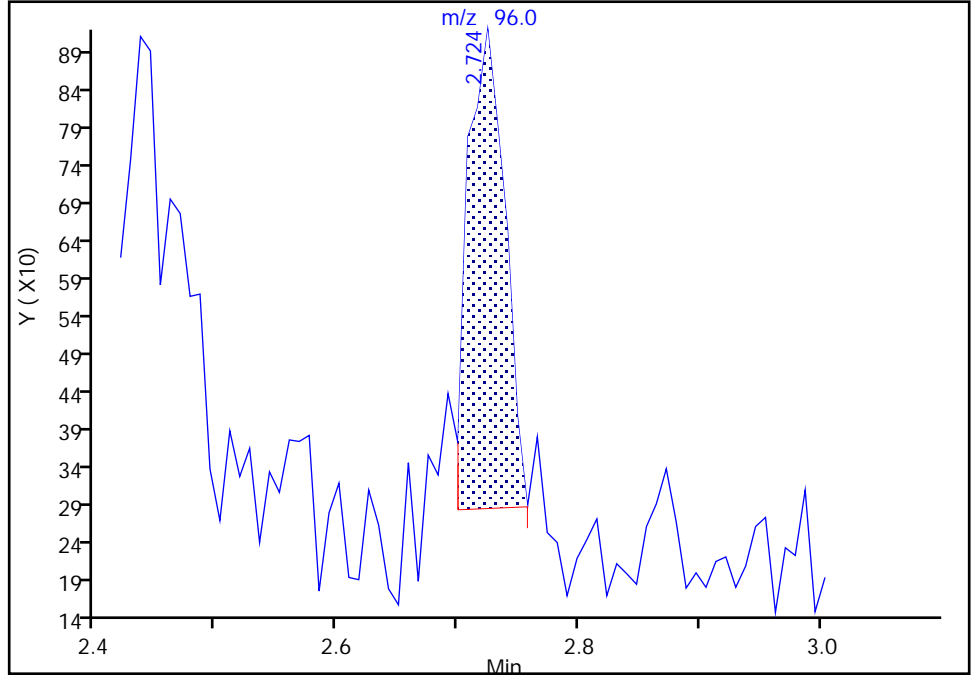
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

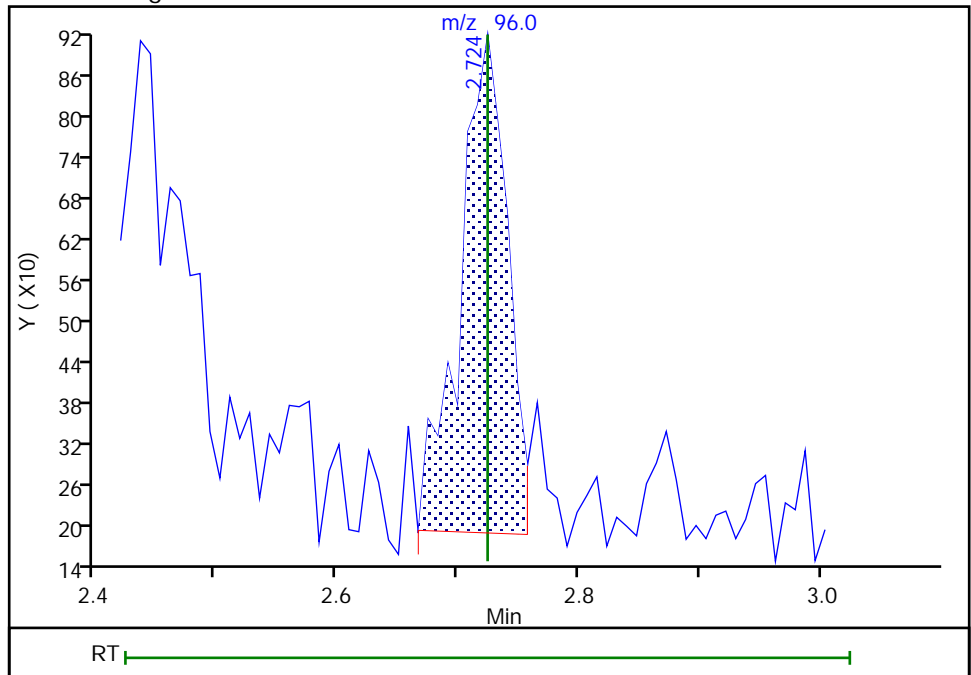
RT: 2.72
Area: 1344
Amount: 0.840200
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 1989
Amount: 1.165121
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:10:52
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

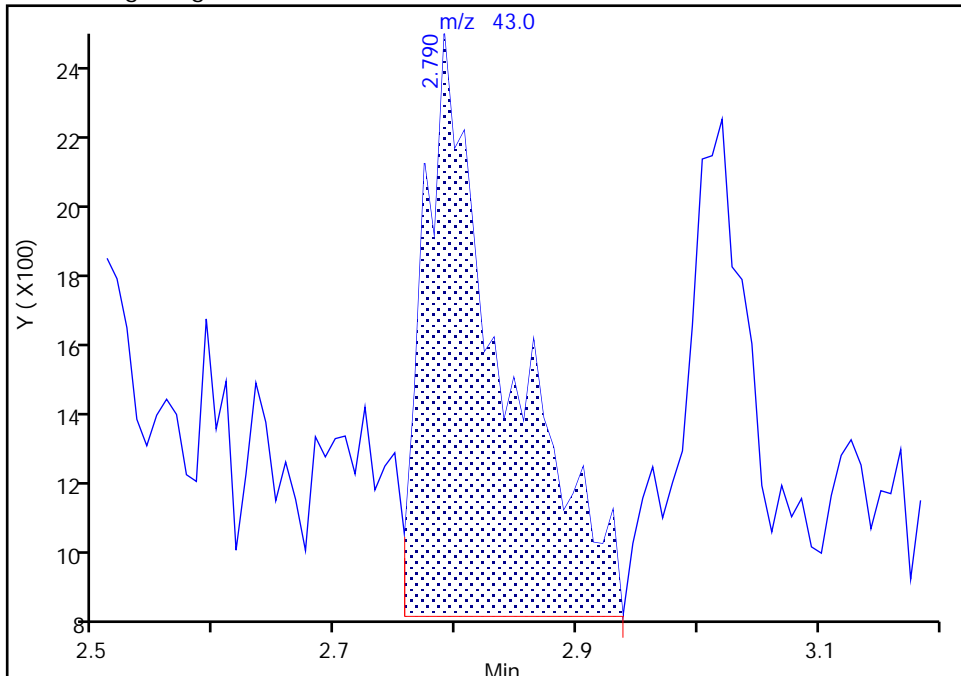
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Signal: 1

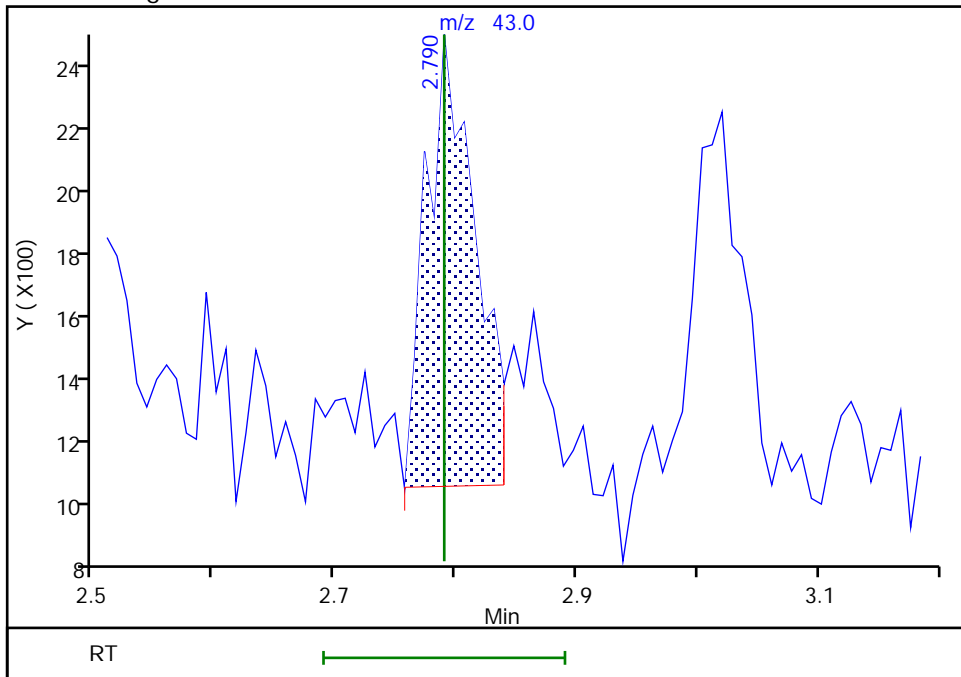
RT: 2.79
Area: 7278
Amount: 11.741623
Amount Units: ug/l

Processing Integration Results



RT: 2.79
Area: 3804
Amount: 6.419644
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:33:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

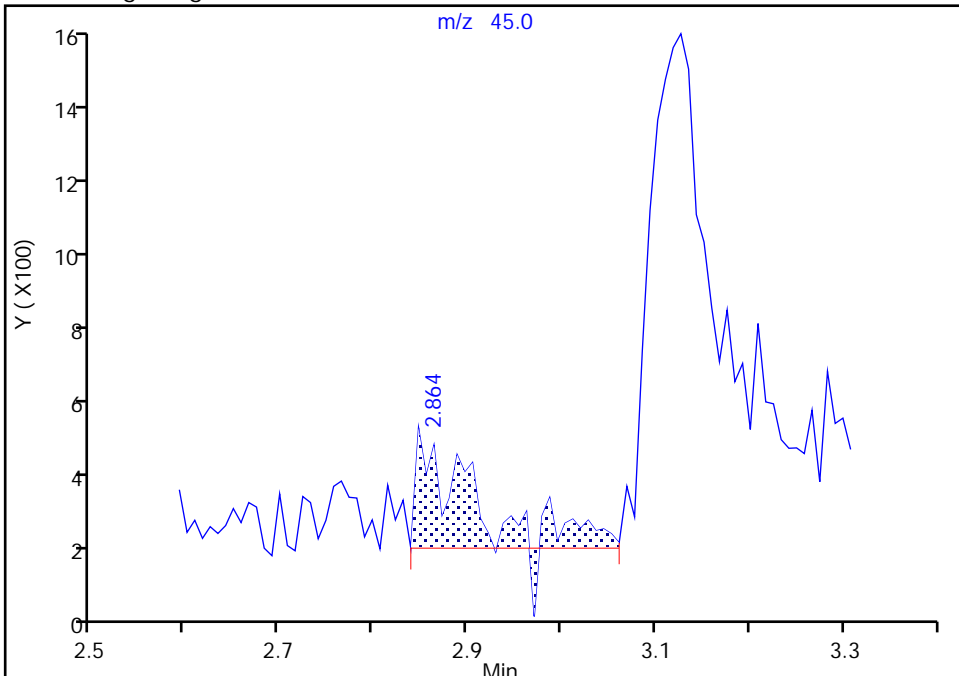
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

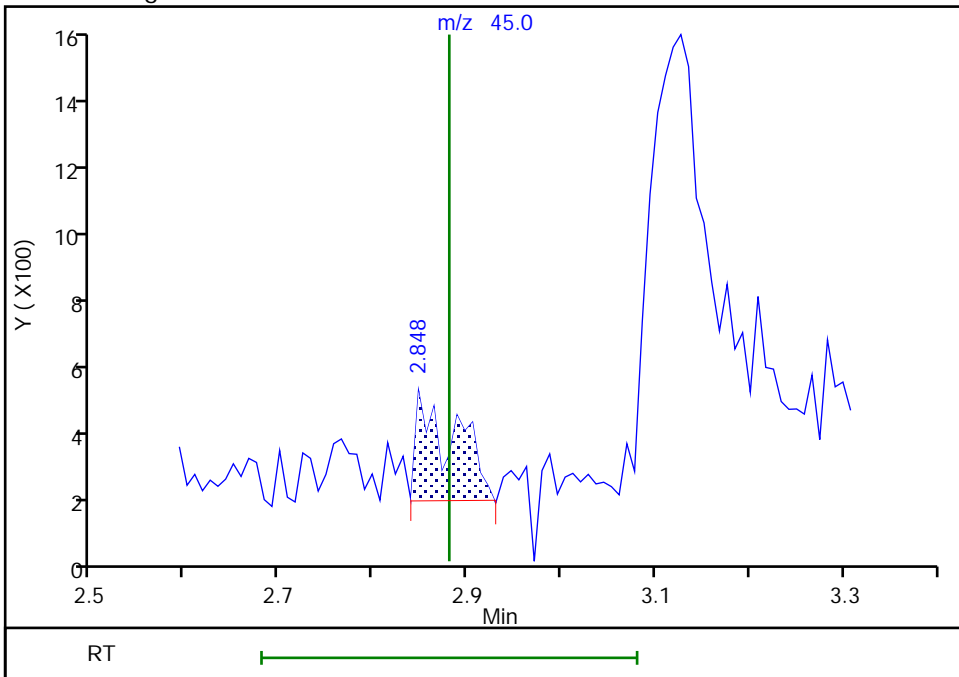
RT: 2.86
Area: 1263
Amount: 12.420834
Amount Units: ug/l

Processing Integration Results



RT: 2.85
Area: 897
Amount: 9.384416
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:12:04
Audit Action: Manually Integrated

Audit Reason: Poor chromatography

Eurofins TestAmerica, Edison

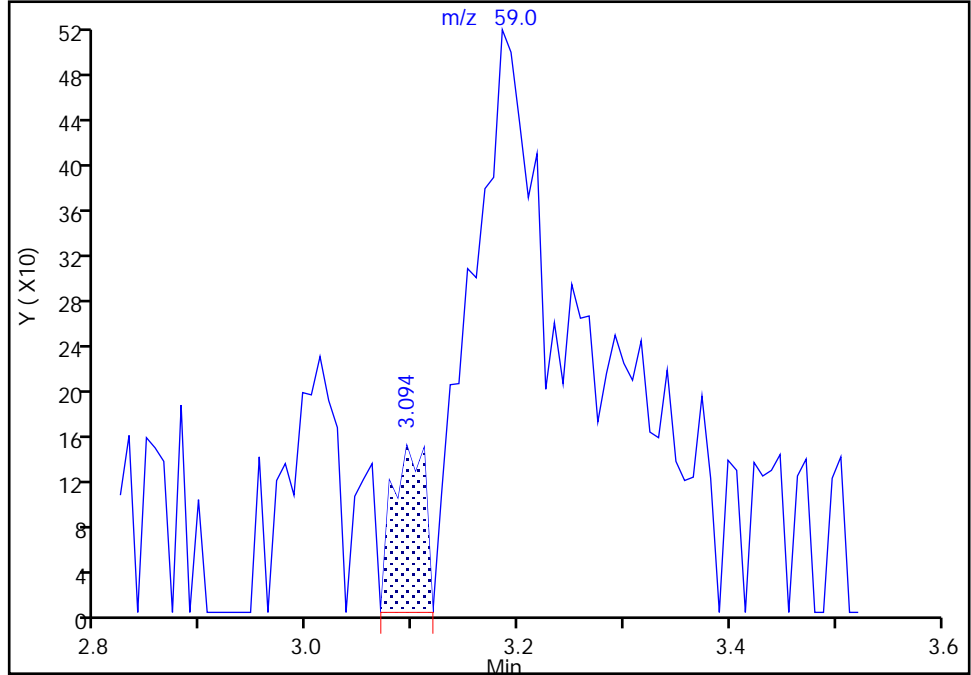
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

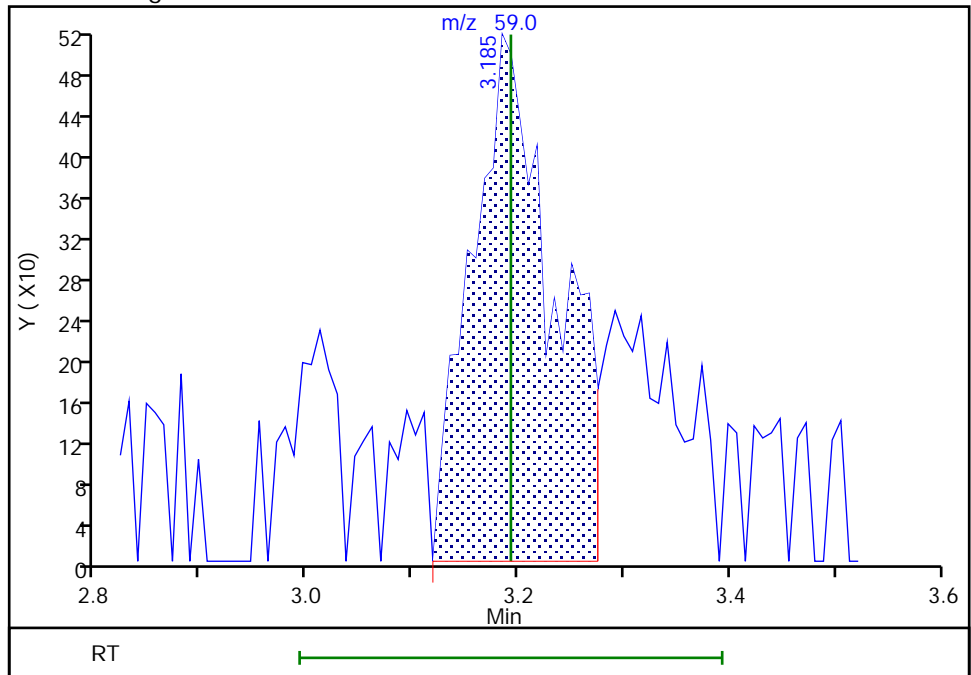
RT: 3.09
Area: 313
Amount: 1.386558
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 2829
Amount: 12.735055
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:31:15
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

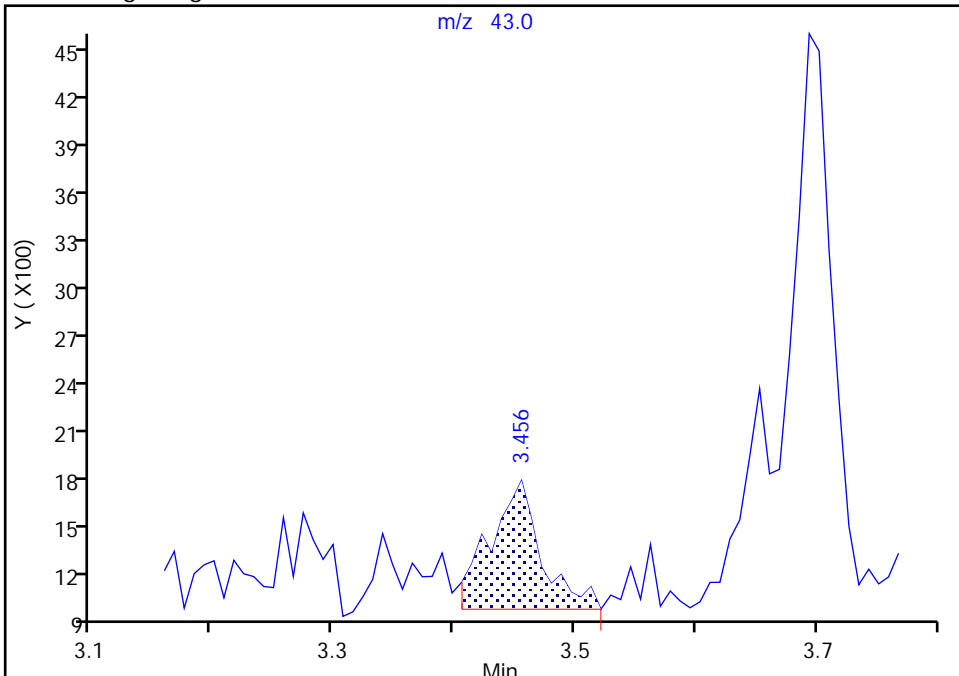
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

32 Hexane, CAS: 110-54-3

Signal: 1

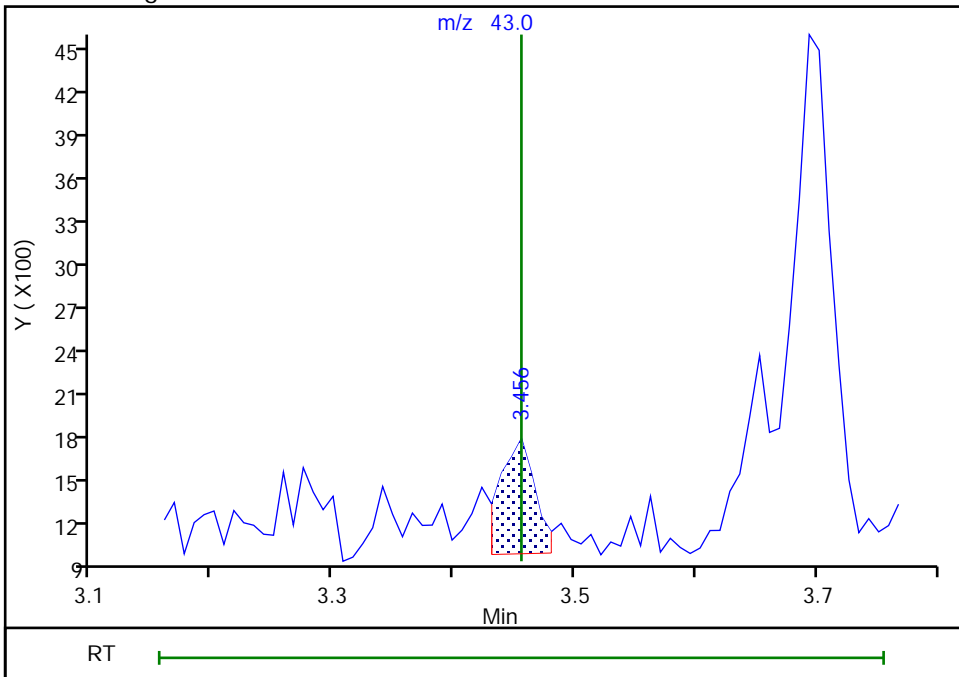
RT: 3.46
Area: 2352
Amount: 1.782850
Amount Units: ug/l

Processing Integration Results



RT: 3.46
Area: 1619
Amount: 1.179097
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:34:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Euofins TestAmerica, Edison

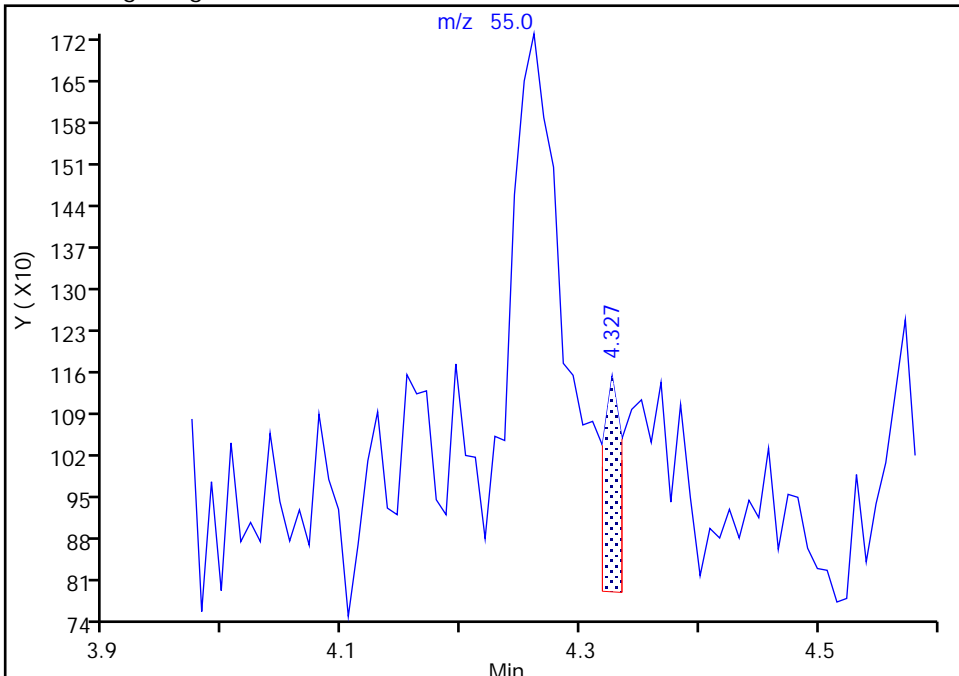
Data File:	\\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D			
Injection Date:	24-Aug-2020 21:53:30	Instrument ID:	CVOAMS6	
Lims ID:	STD1			
Client ID:				
Operator ID:	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	
Method:	8260624W6	Limit Group:	VOA - 8260C Water and Solid	
Column:	Rtx-624 (0.25 mm)	Detector:	MS SCAN	

43 Methyl acrylate, CAS: 96-33-3

Signal: 1

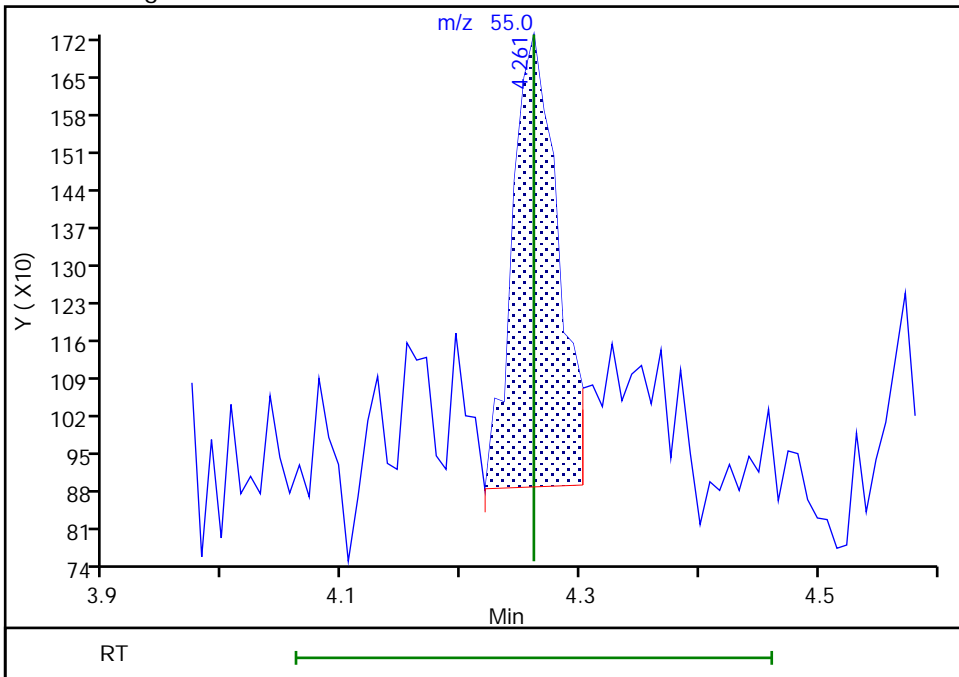
RT: 4.33
 Area: 425
 Amount: 0.227136
 Amount Units: ug/l

Processing Integration Results



RT: 4.26
 Area: 2227
 Amount: 1.203353
 Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:34:47
 Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

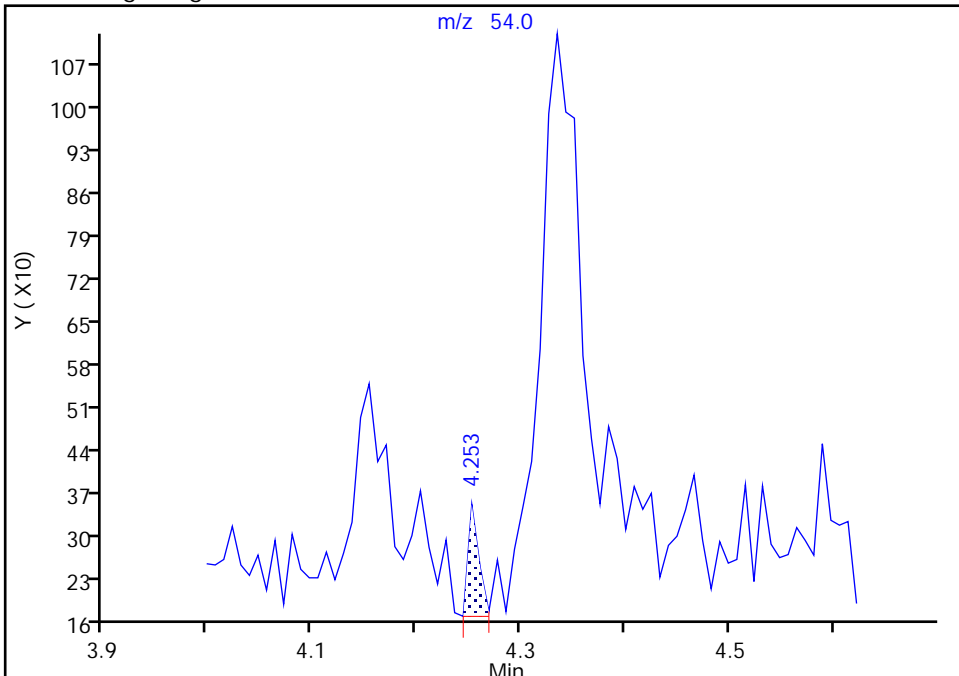
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

44 Propionitrile, CAS: 107-12-0

Signal: 1

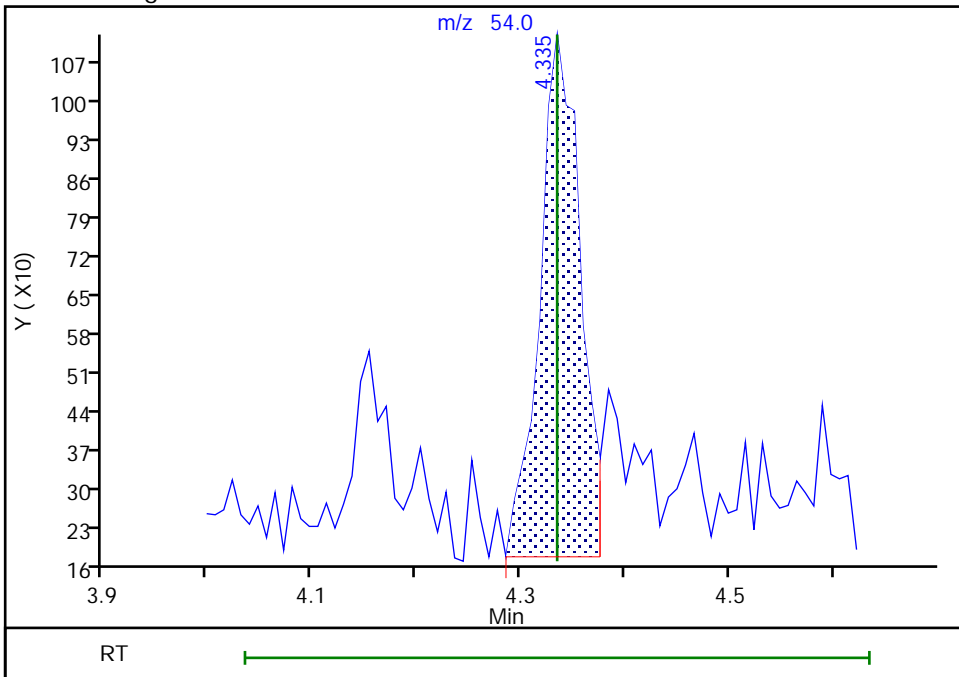
RT: 4.25
Area: 133
Amount: 0.393217
Amount Units: ug/l

Processing Integration Results



RT: 4.33
Area: 2565
Amount: 8.452970
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:31:36
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

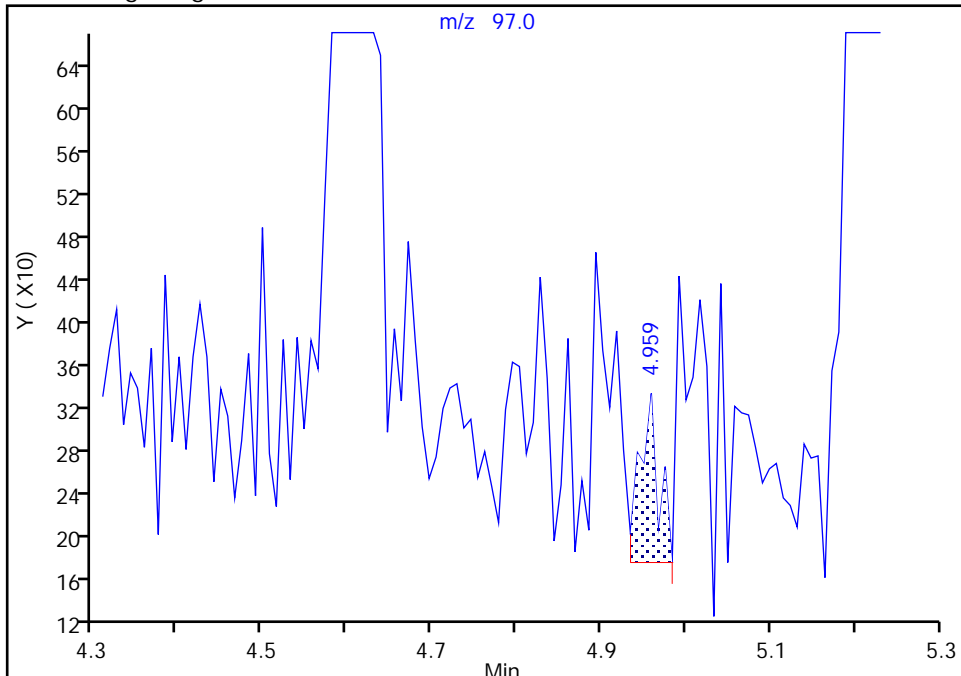
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

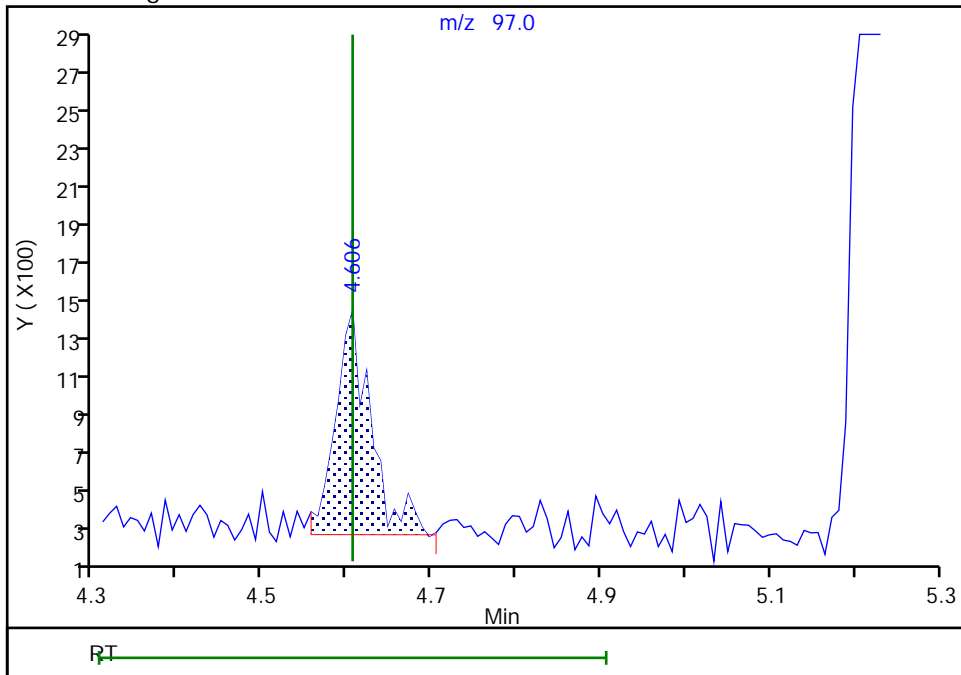
RT: 4.96
Area: 242
Amount: 0.088095
Amount Units: ug/l

Processing Integration Results



RT: 4.61
Area: 3328
Amount: 1.200219
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:31:45
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

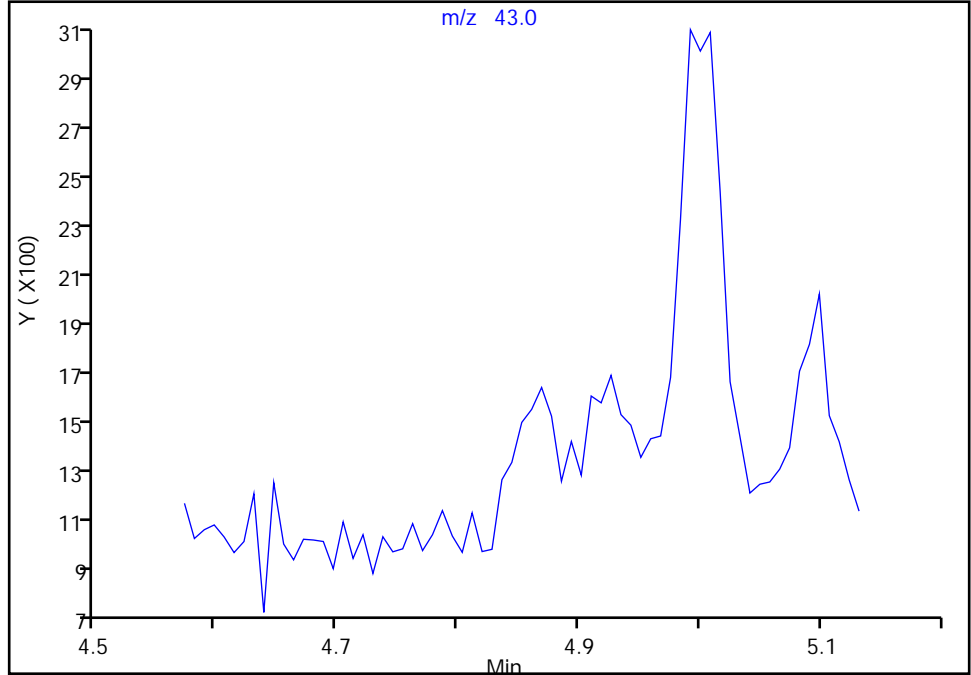
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

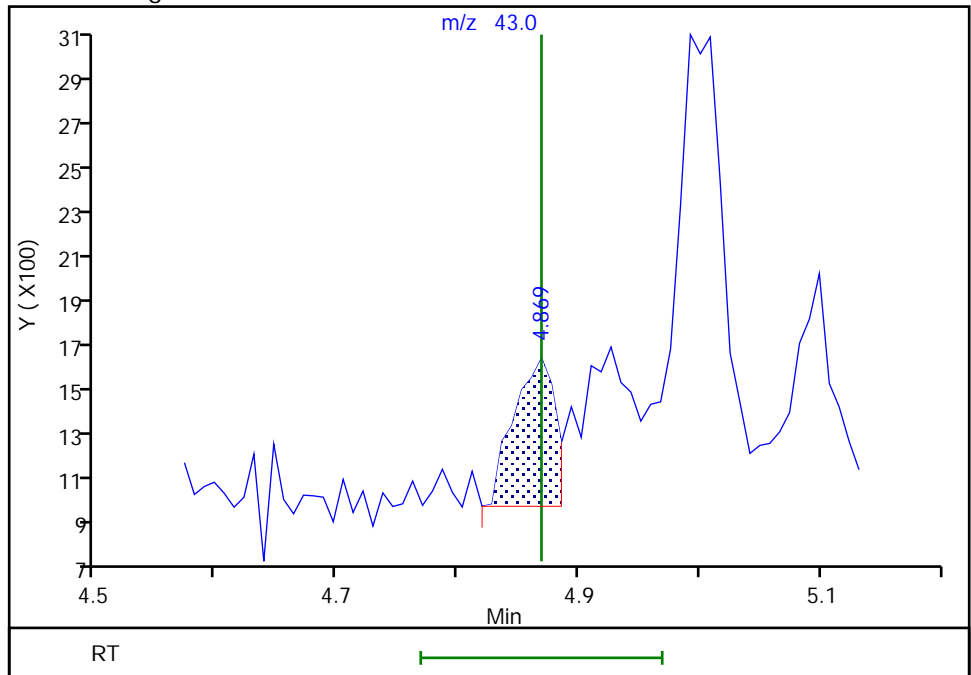
Not Detected
Expected RT: 4.87

Processing Integration Results



Manual Integration Results

RT: 4.87
Area: 1579
Amount: 25.218056
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:31:53
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

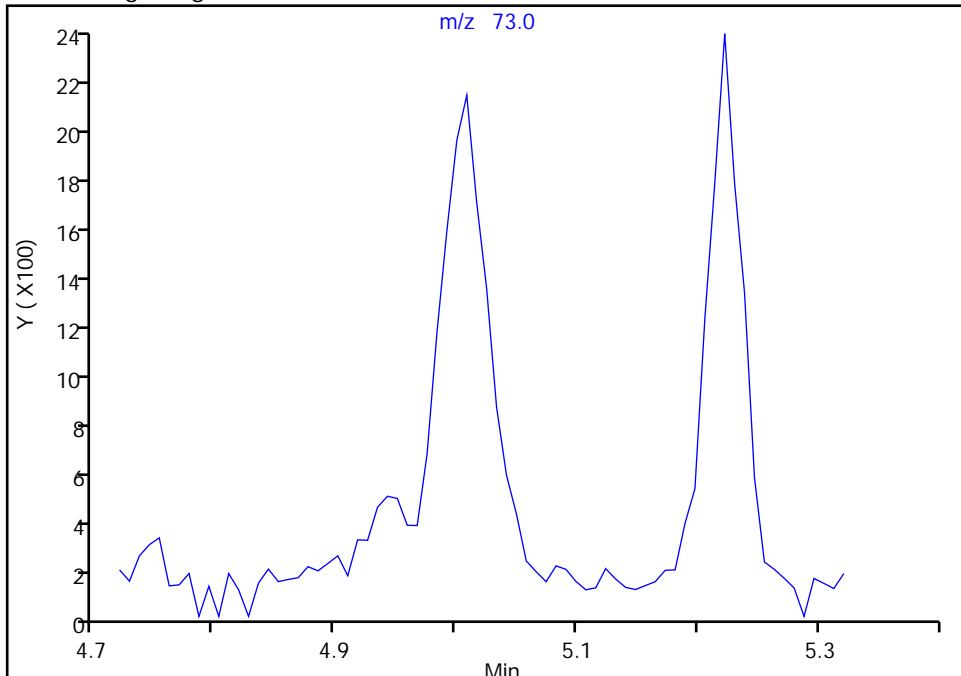
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

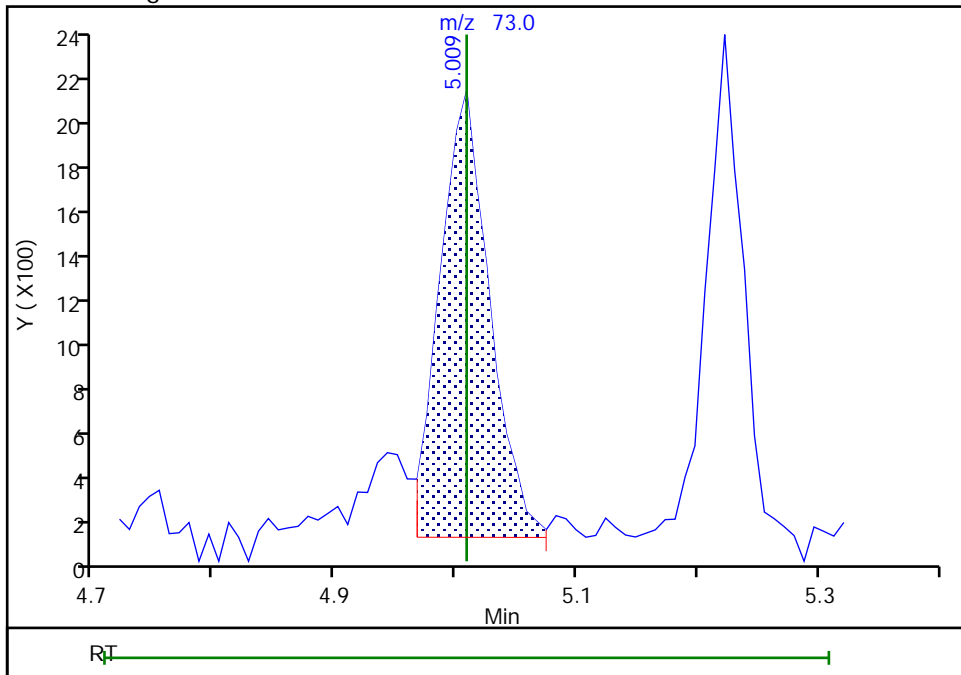
Not Detected
Expected RT: 5.01

Processing Integration Results



Manual Integration Results

RT: 5.01
Area: 5770
Amount: 1.048282
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:32:00
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

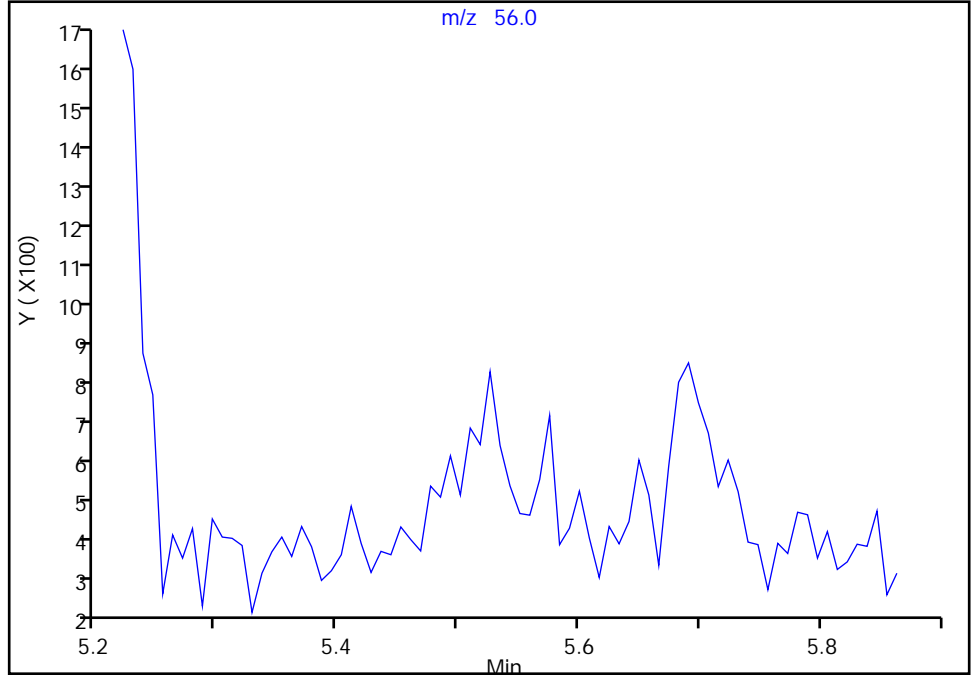
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

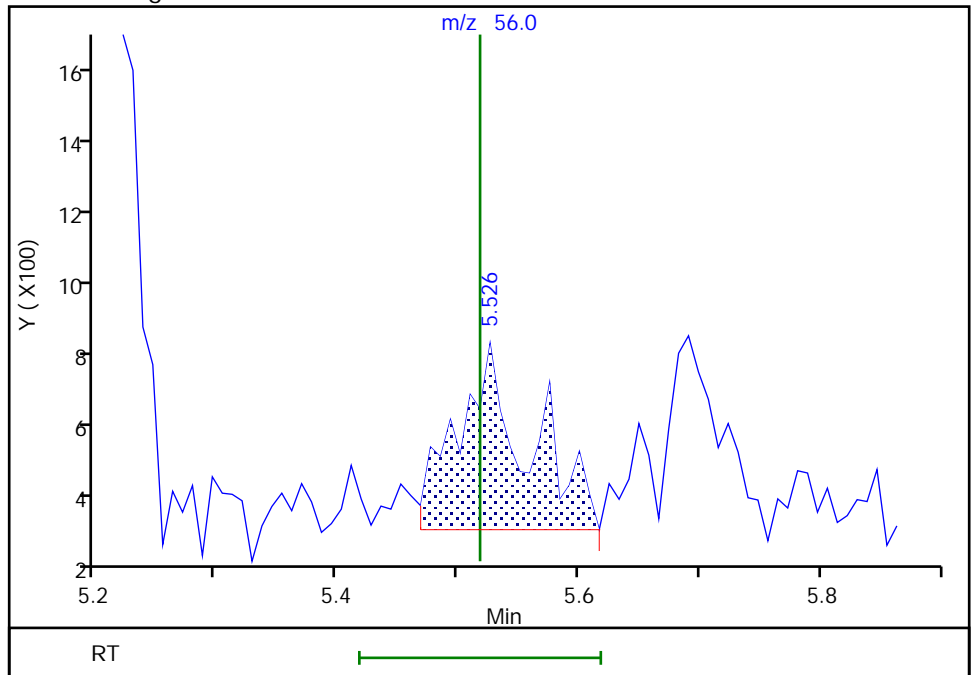
Not Detected
Expected RT: 5.52

Processing Integration Results



RT: 5.53
Area: 2002
Amount: 33.279999
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:32:07
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

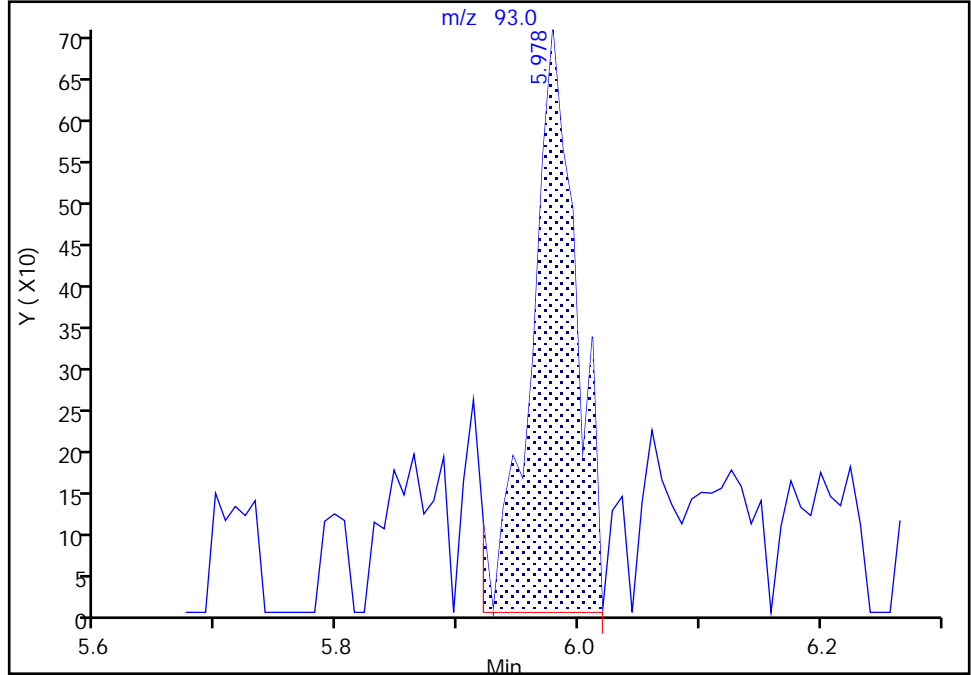
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

69 Dibromomethane, CAS: 74-95-3

Signal: 1

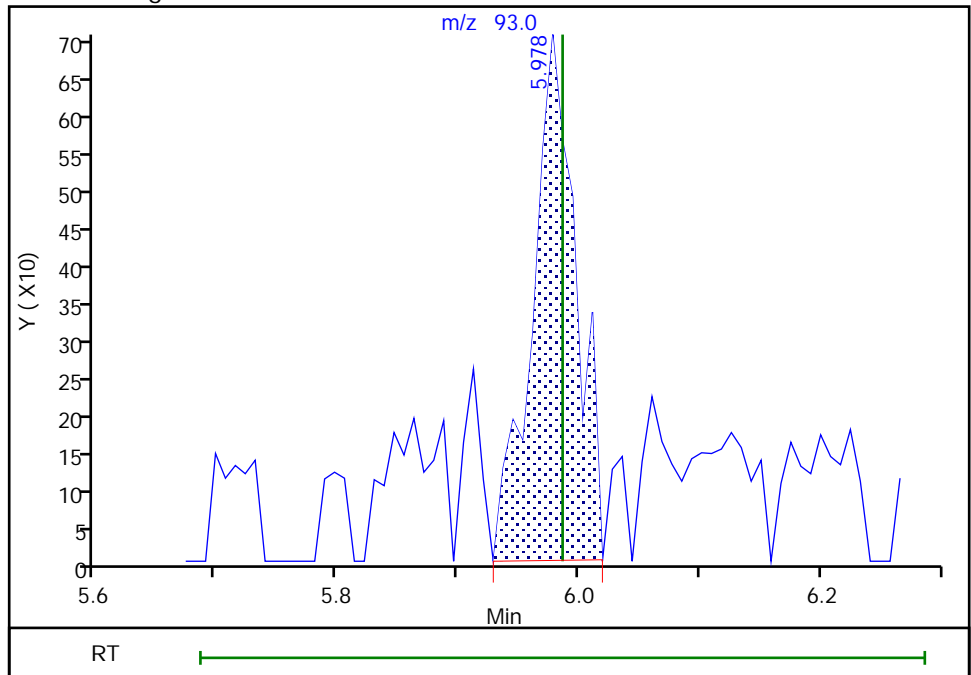
RT: 5.98
Area: 1829
Amount: 1.484214
Amount Units: ug/l

Processing Integration Results



RT: 5.98
Area: 1769
Amount: 1.362463
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:35:32
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

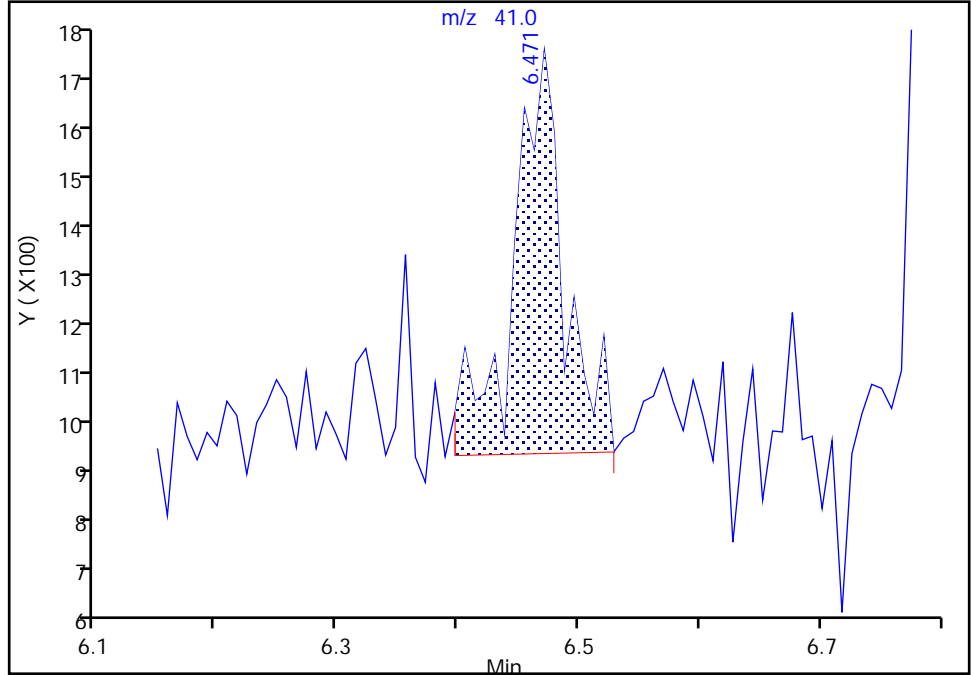
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

74 2-Nitropropane, CAS: 79-46-9

Signal: 1

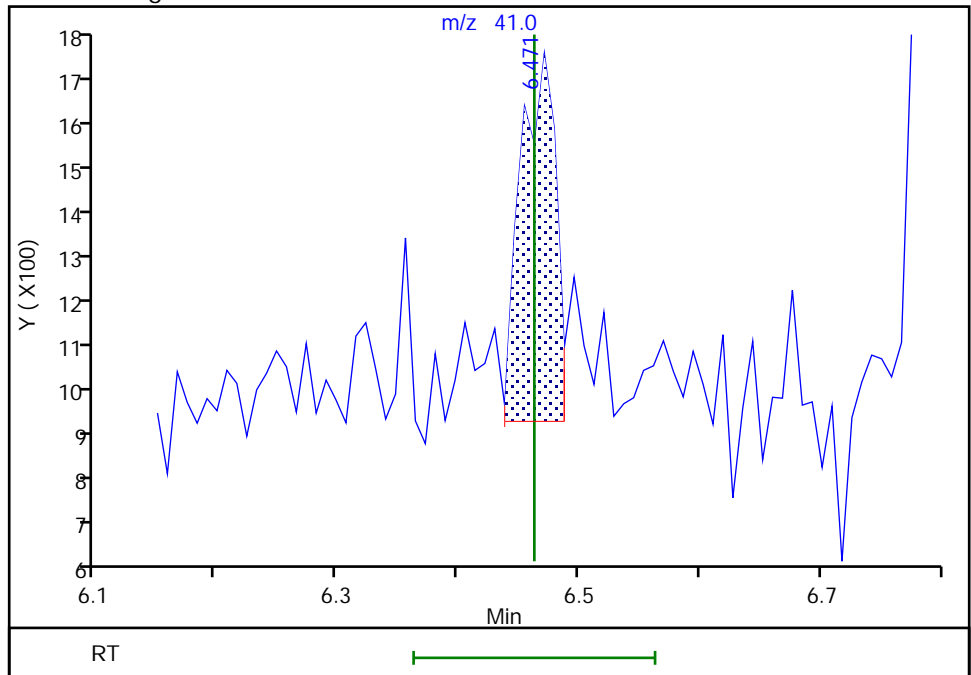
RT: 6.47
Area: 2326
Amount: 3.306244
Amount Units: ug/l

Processing Integration Results



RT: 6.47
Area: 1630
Amount: 2.285719
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:35:54
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

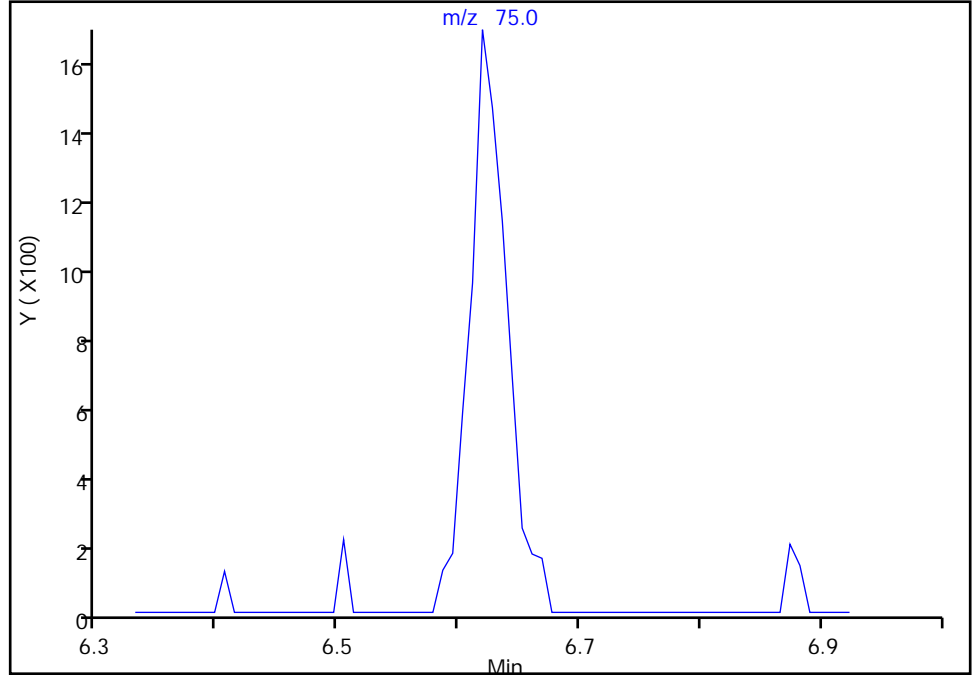
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

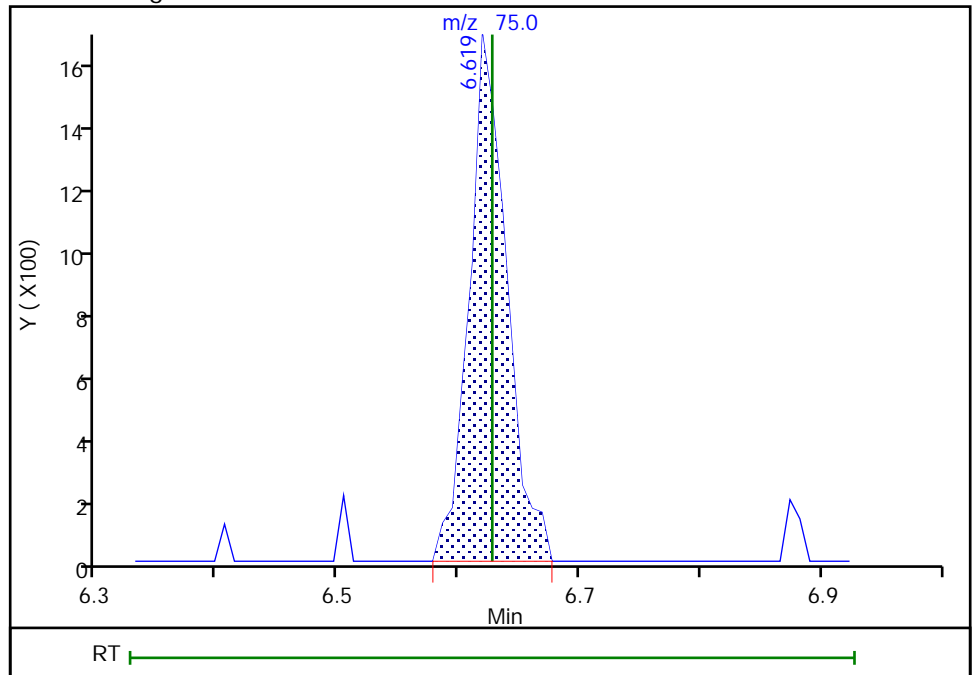
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.62
Area: 3478
Amount: 1.198096
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:32:24
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

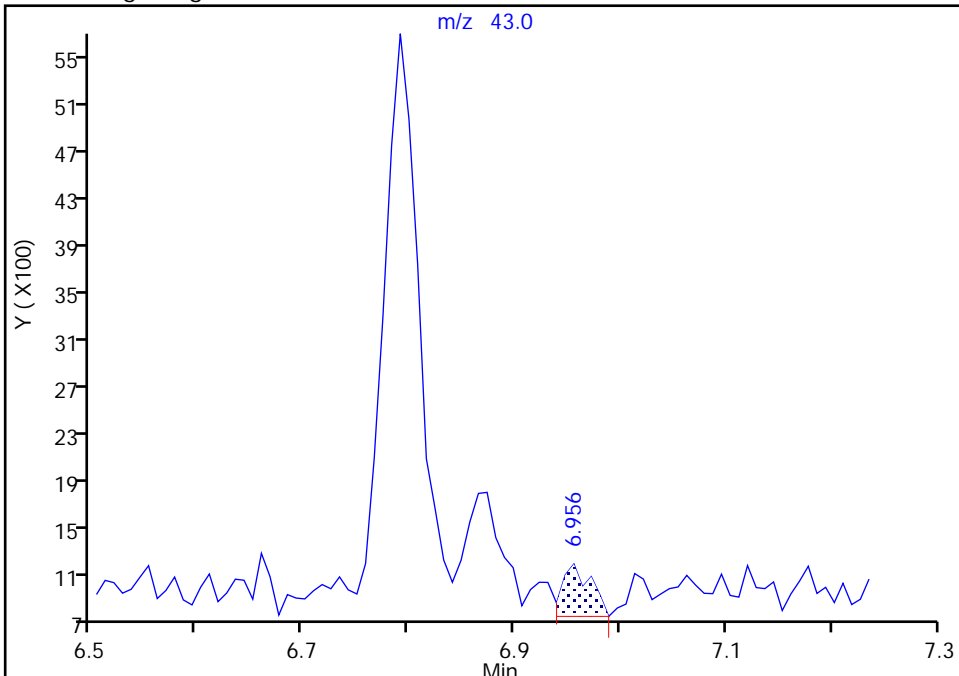
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
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 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1
Signal: 1

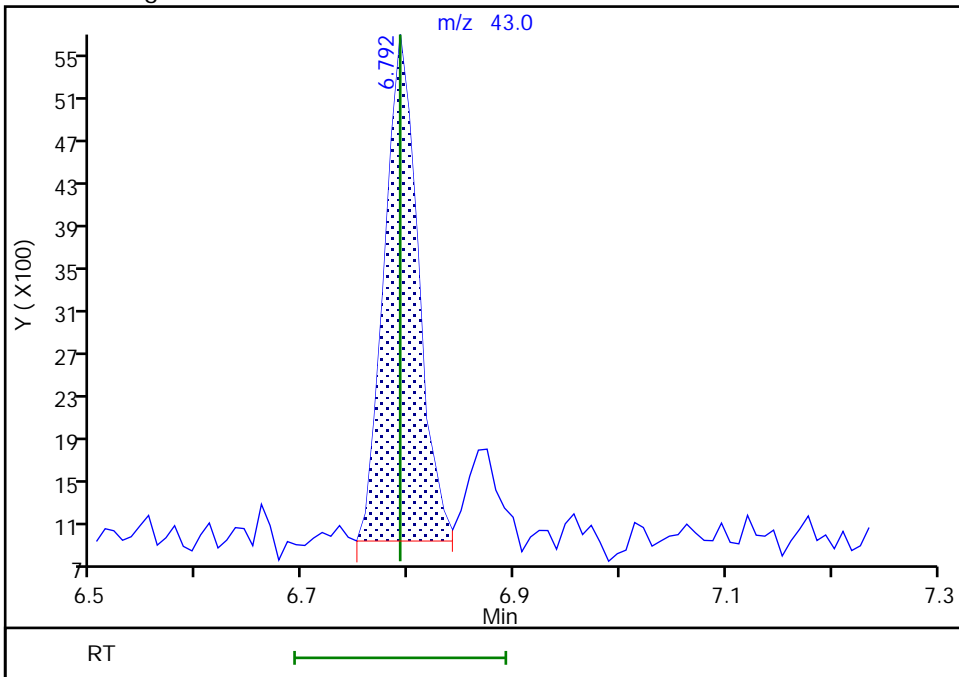
RT: 6.96
Area: 815
Amount: 0.351857
Amount Units: ug/l

Processing Integration Results



RT: 6.79
Area: 10404
Amount: 4.928513
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:32:29
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

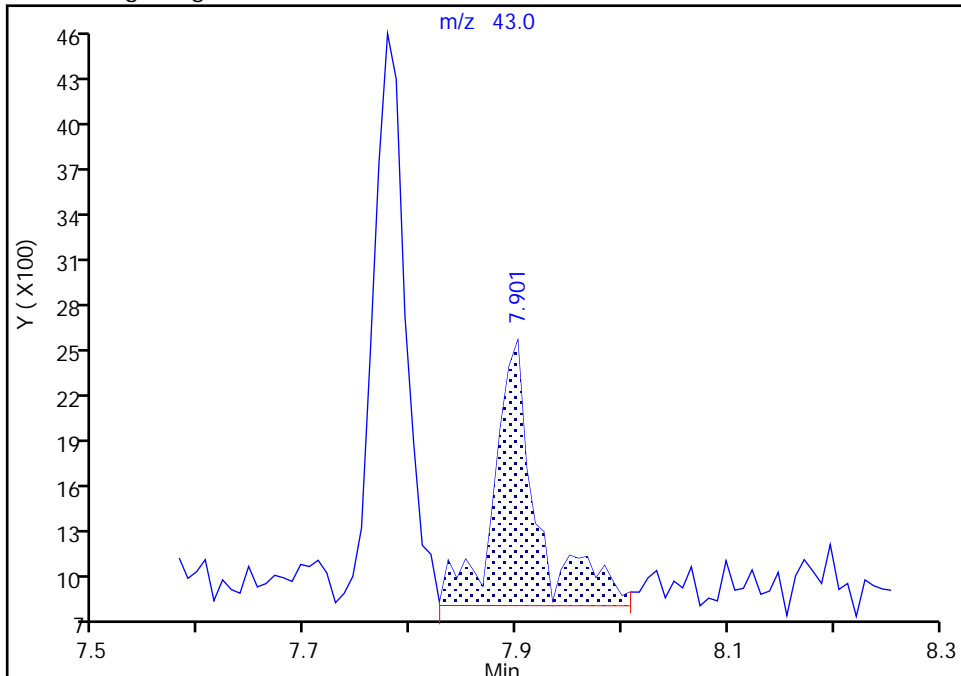
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

86 n-Butyl acetate, CAS: 123-86-4

Signal: 1

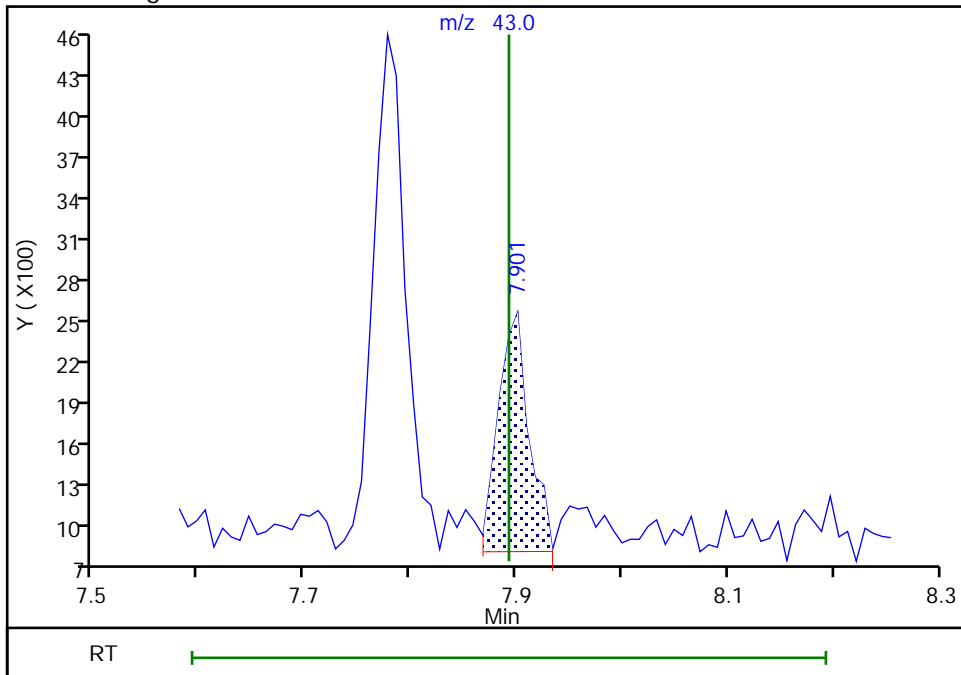
RT: 7.90
Area: 4946
Amount: 1.574406
Amount Units: ug/l

Processing Integration Results



RT: 7.90
Area: 3501
Amount: 1.144093
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:13:12
Audit Action: Manually Integrated

Audit Reason: Baseline
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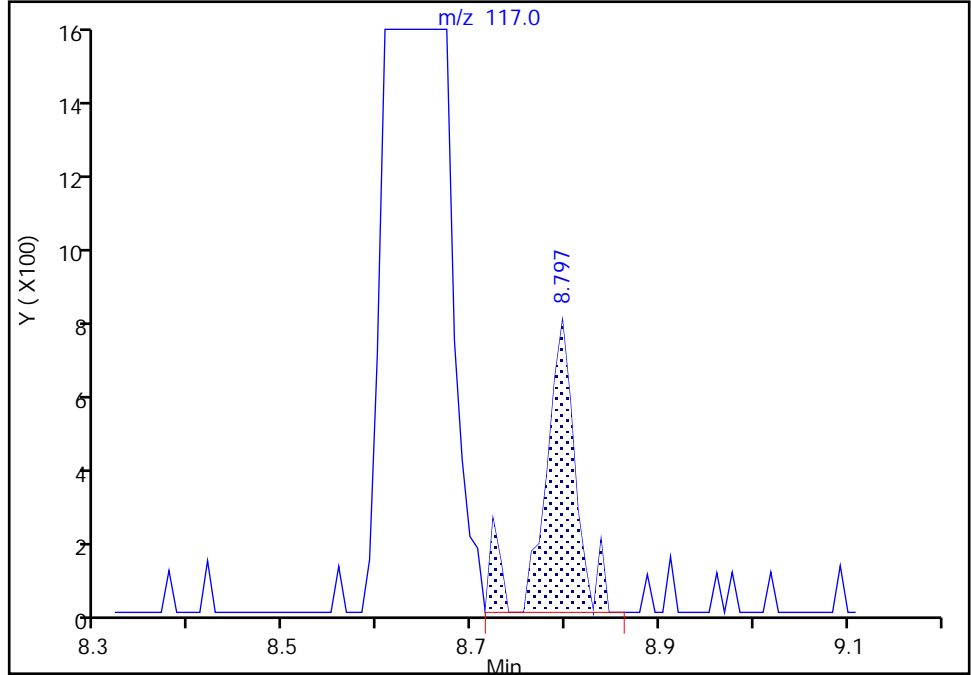
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
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

* 89 Chlorobenzene-d5, CAS: 3114-55-4
Signal: 1

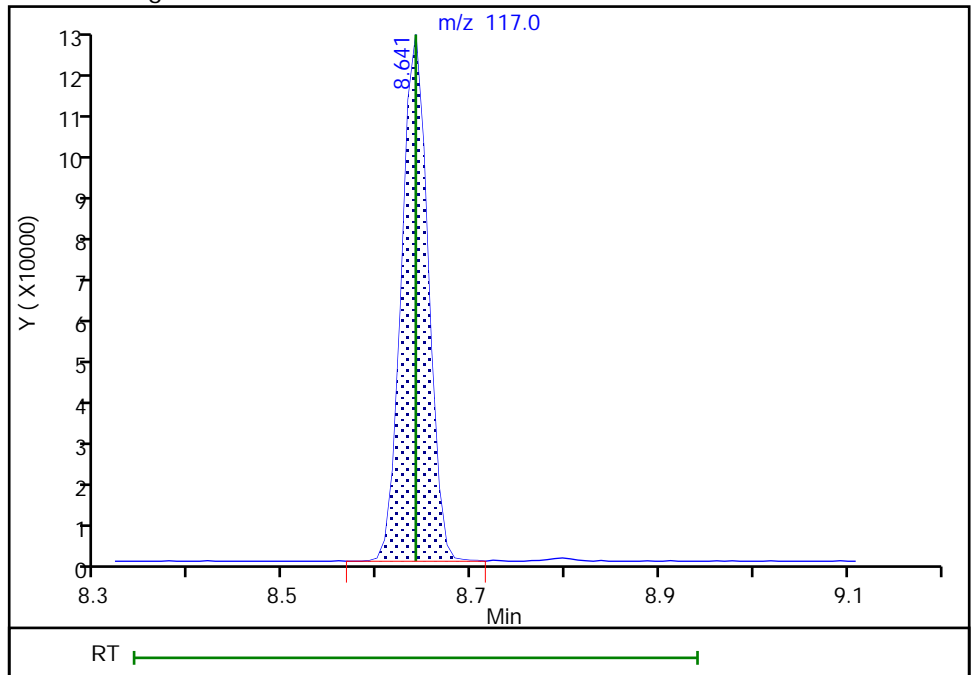
RT: 8.80
Area: 1783
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 8.64
Area: 239091
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

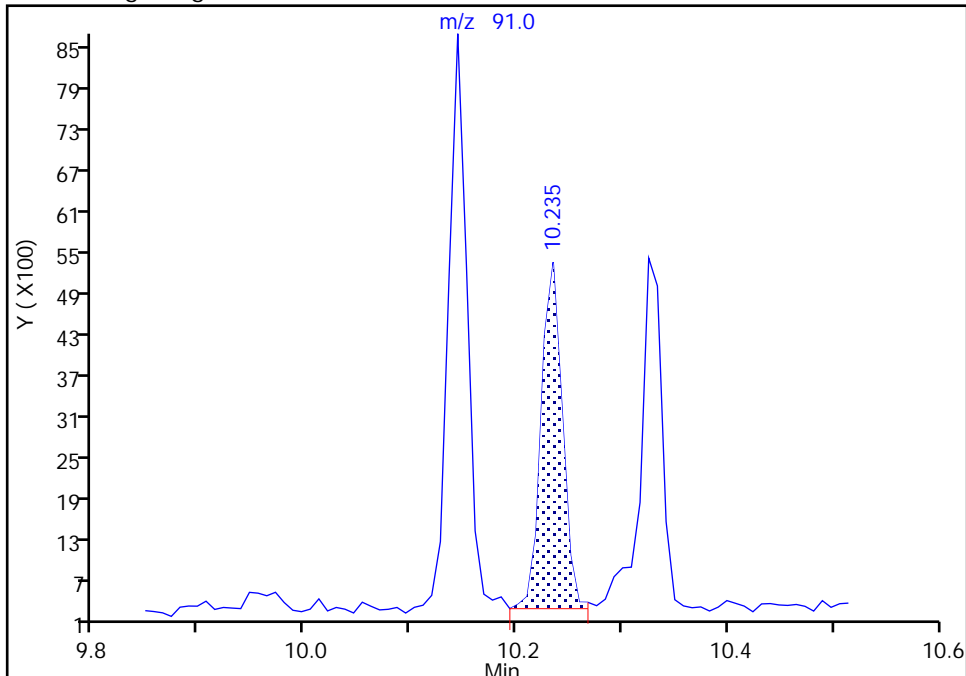
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

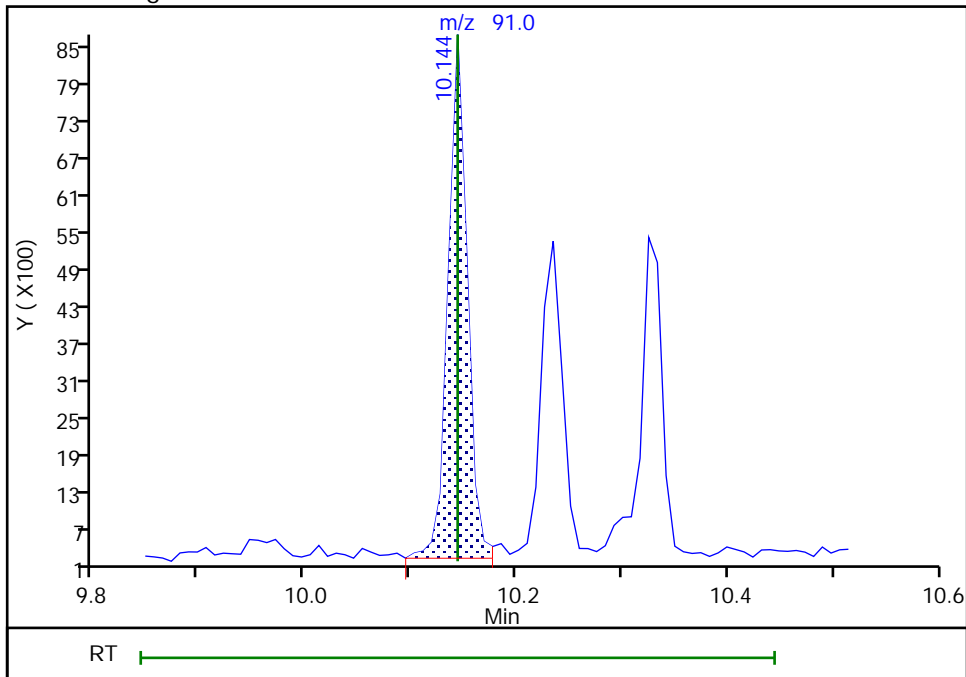
RT: 10.23
Area: 7098
Amount: 0.661669
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 10724
Amount: 1.021123
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:35:59
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

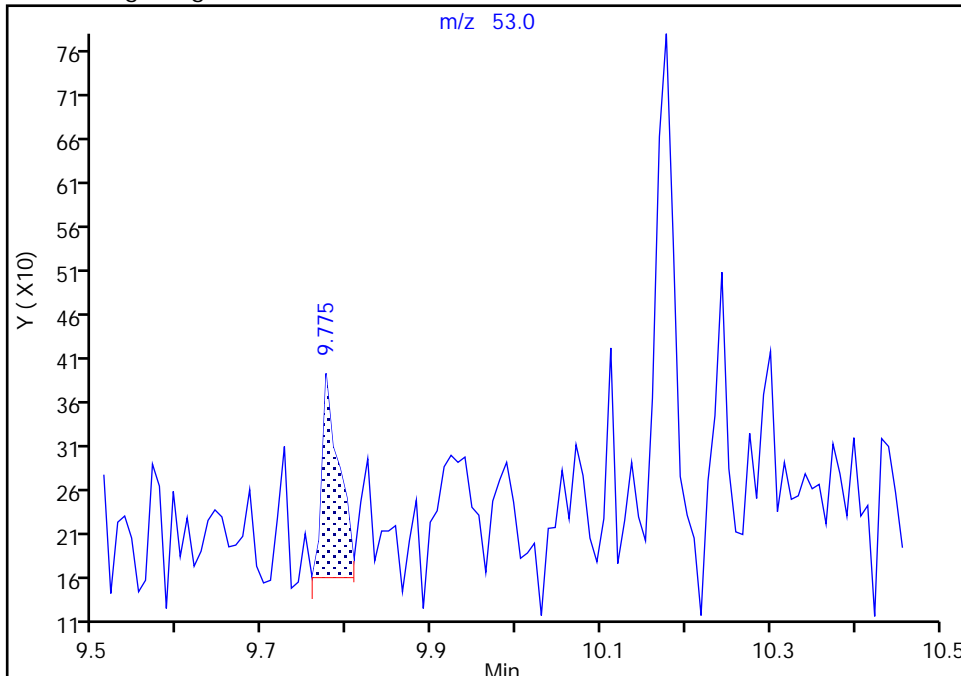
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

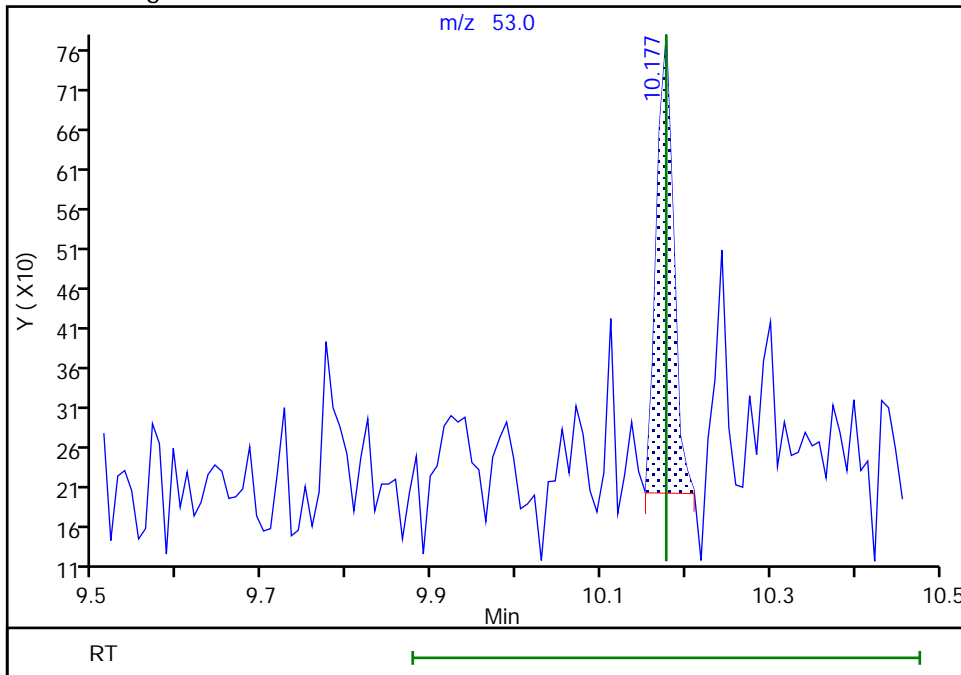
RT: 9.77
Area: 325
Amount: 0.467961
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 811
Amount: 1.148124
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:36:39
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison

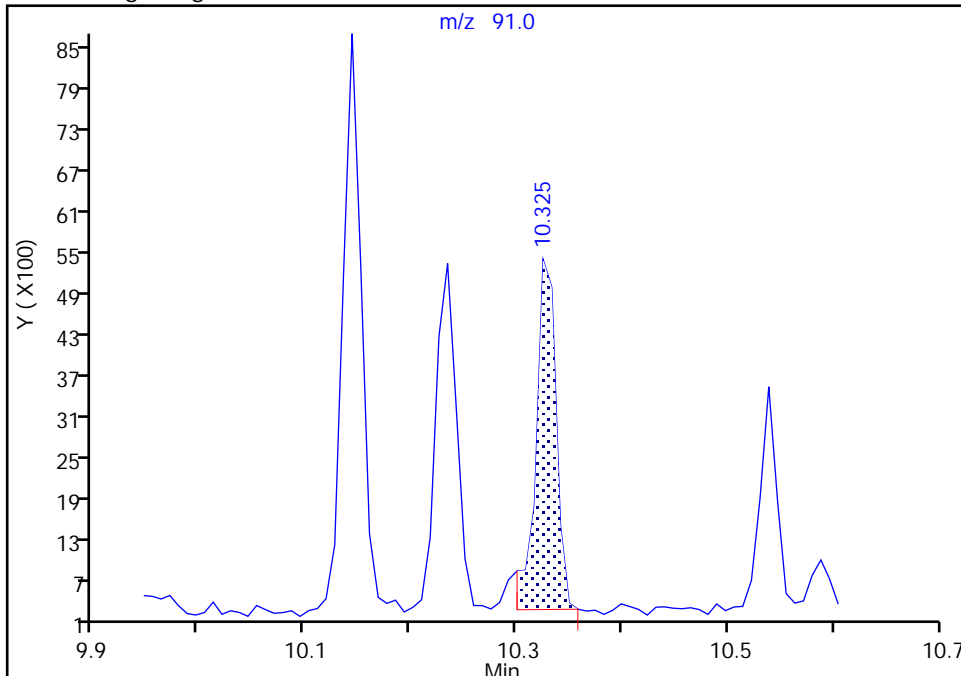
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

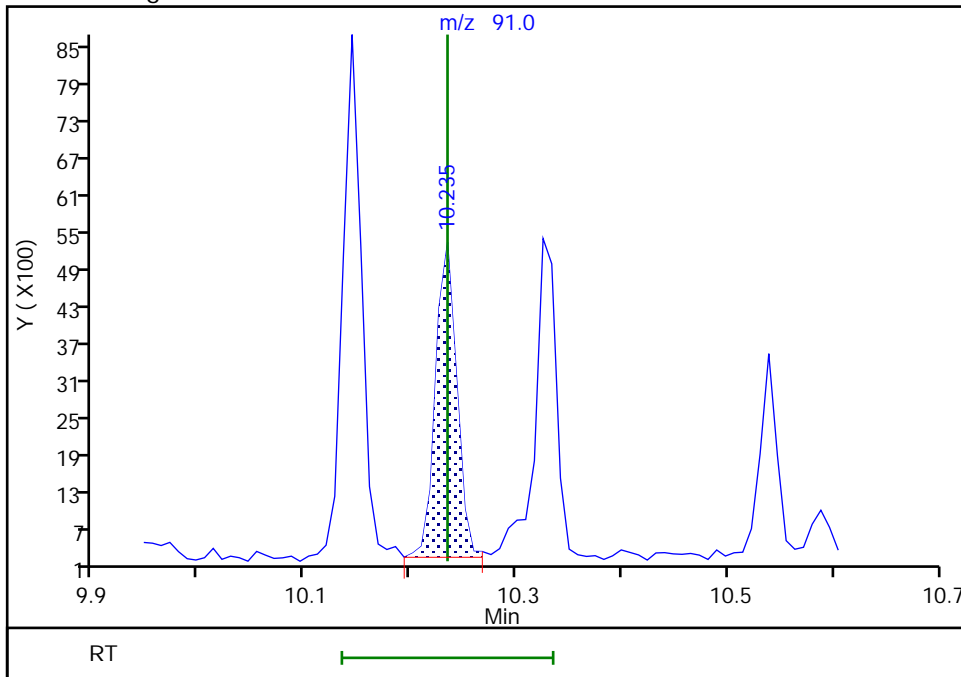
RT: 10.33
Area: 6818
Amount: 0.692184
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 7098
Amount: 1.003557
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:36:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

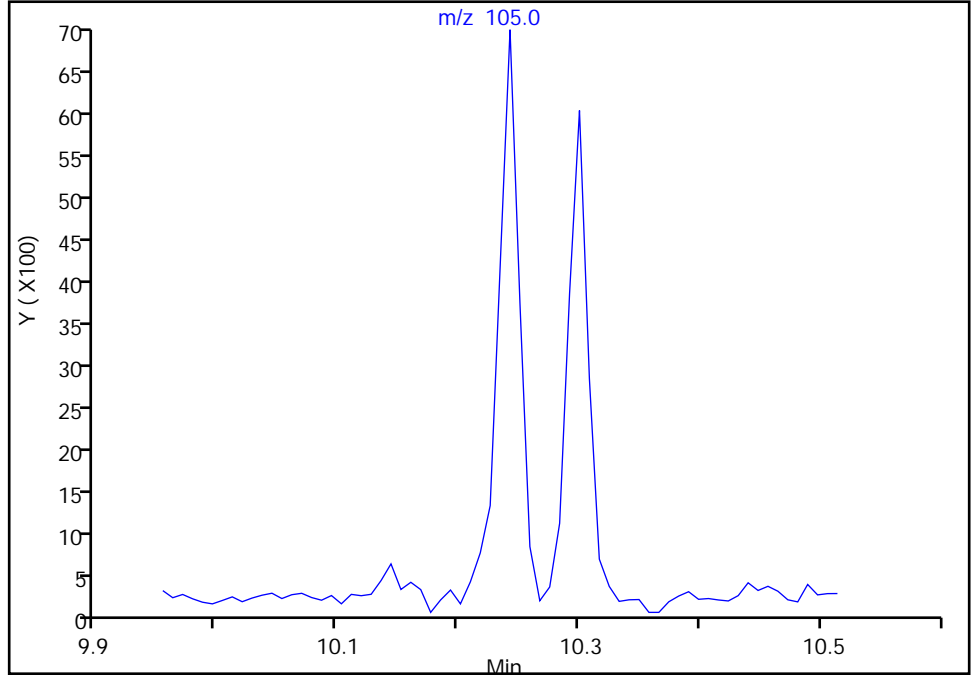
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

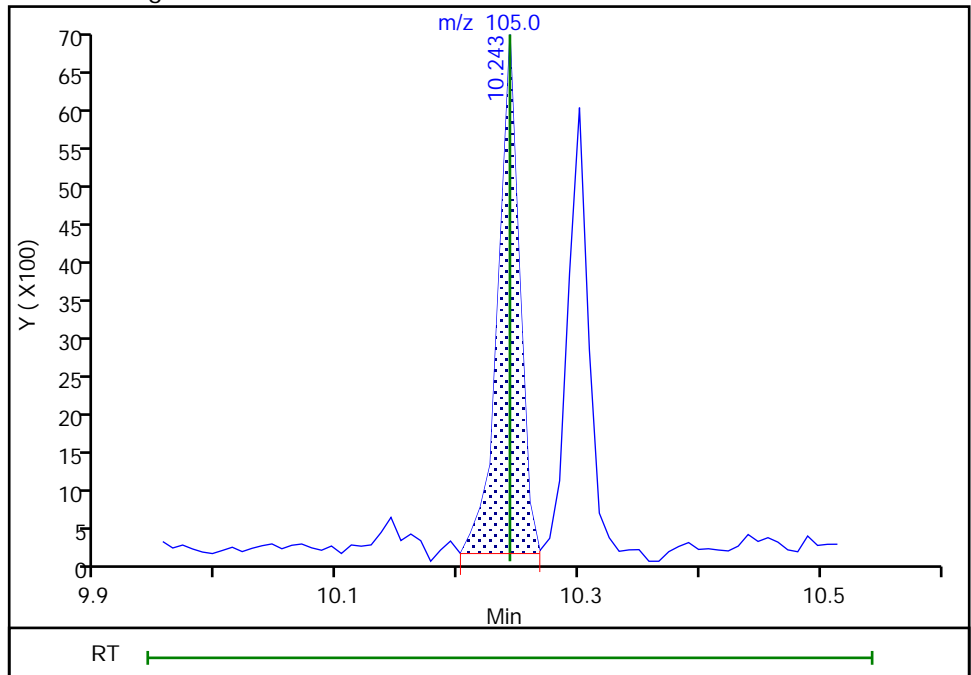
Not Detected
Expected RT: 10.24

Processing Integration Results



Manual Integration Results

RT: 10.24
Area: 8538
Amount: 0.997535
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:33:03
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

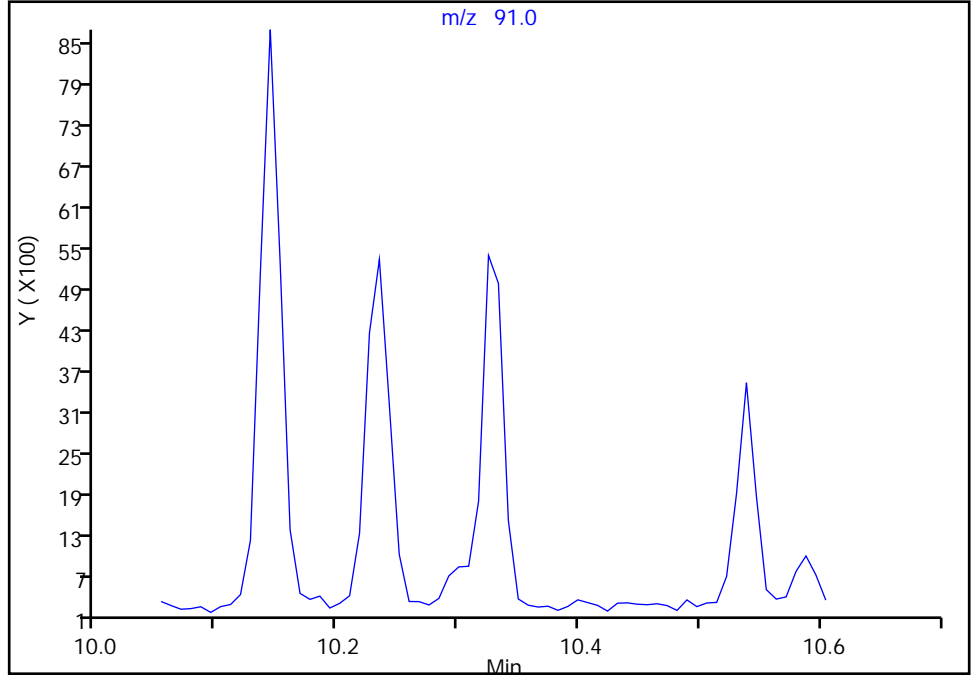
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

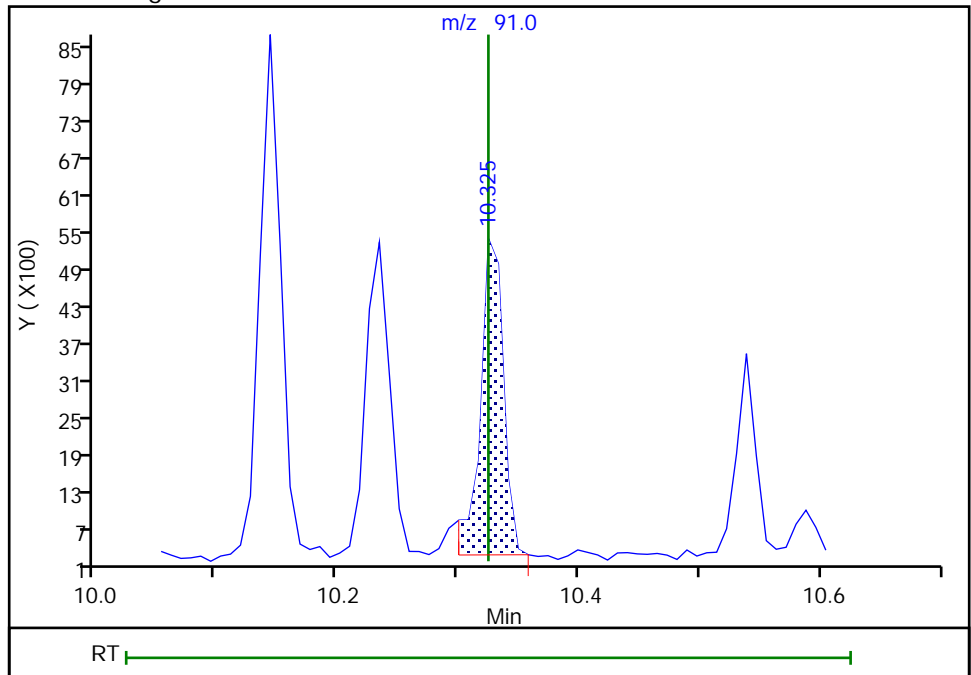
Not Detected
Expected RT: 10.32

Processing Integration Results



RT: 10.33
Area: 6808
Amount: 1.075210
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:33:45
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

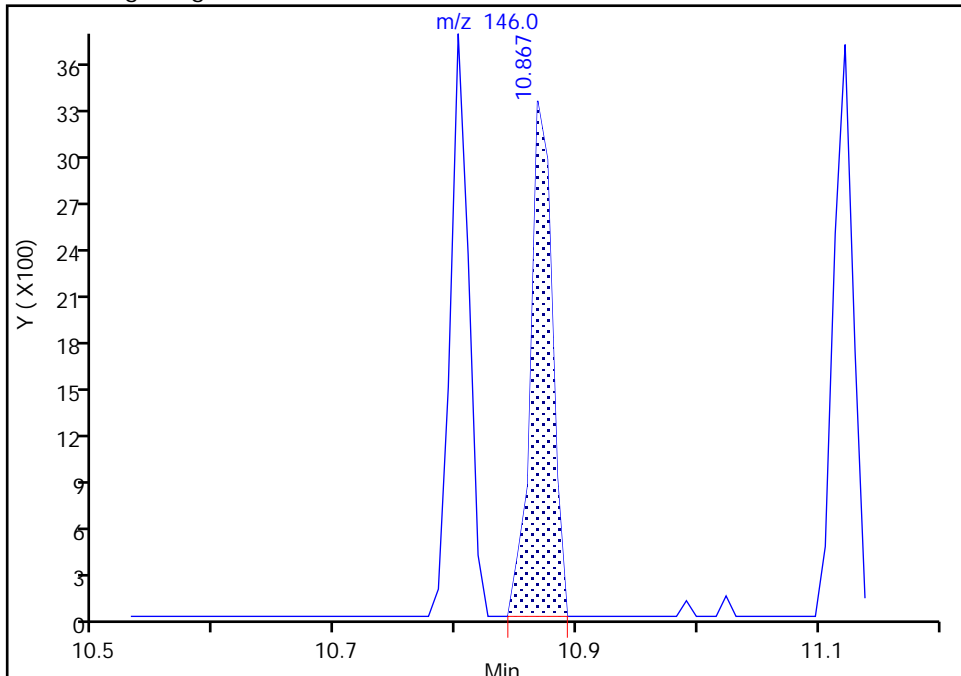
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

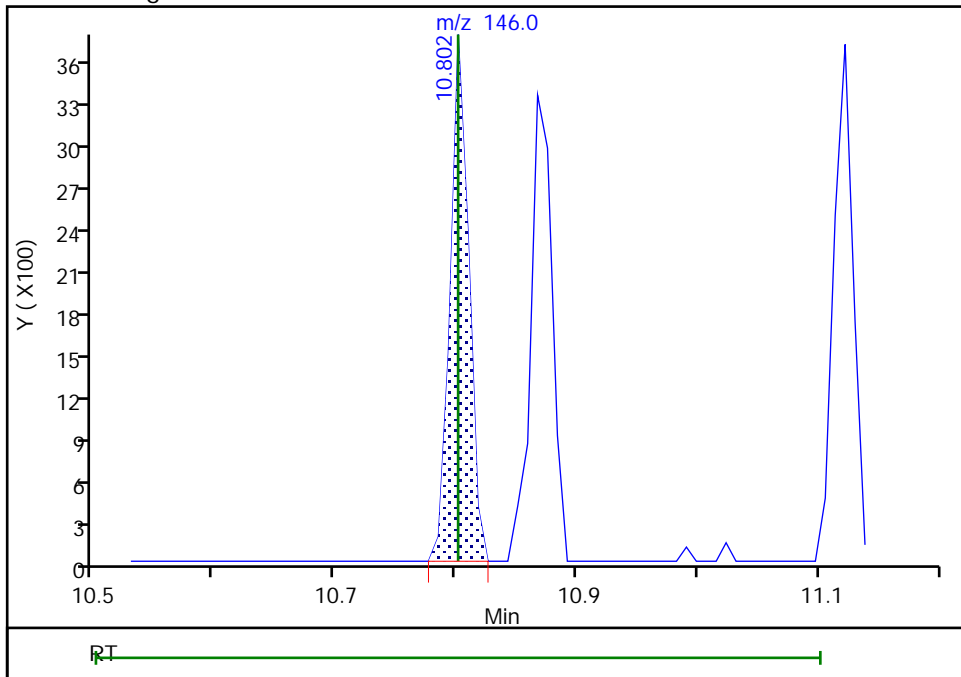
RT: 10.87
Area: 4143
Amount: 1.029732
Amount Units: ug/l

Processing Integration Results



RT: 10.80
Area: 4013
Amount: 1.002822
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:34:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

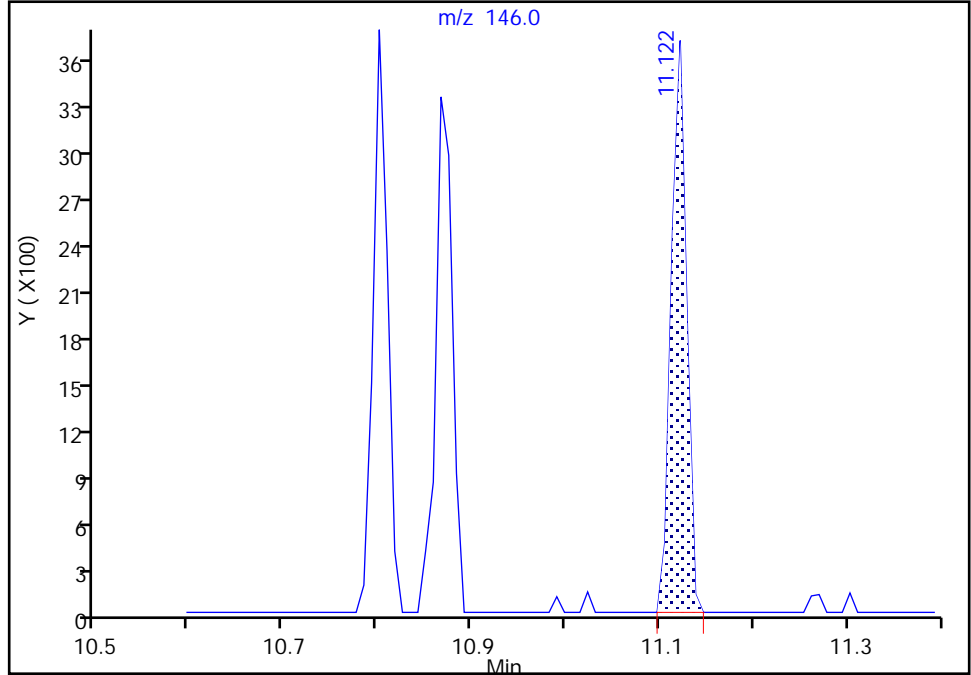
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

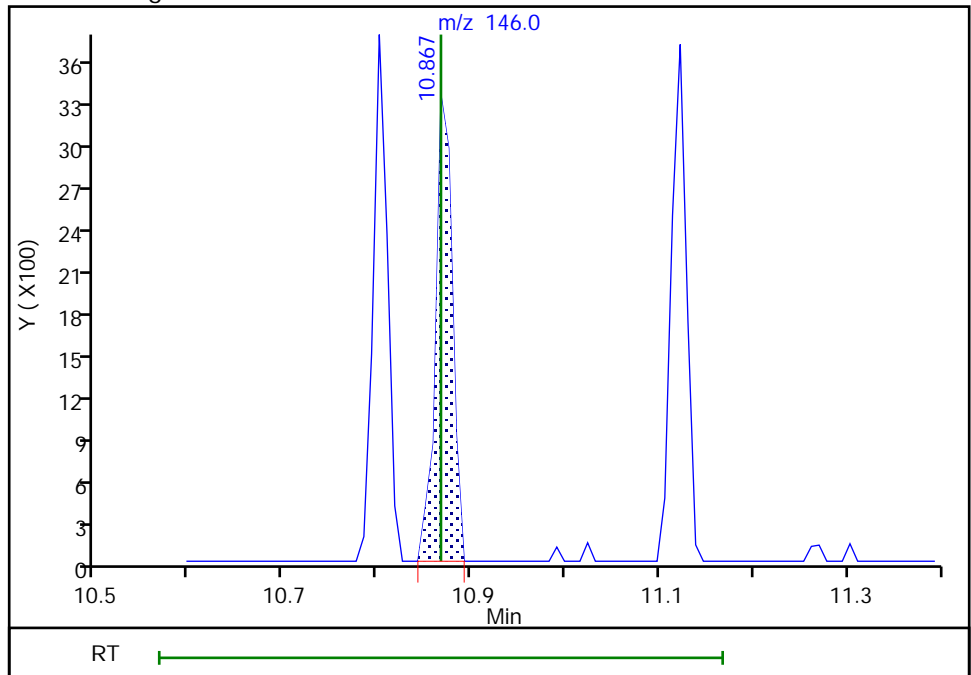
RT: 11.12
Area: 4158
Amount: 1.052739
Amount Units: ug/l

Processing Integration Results



RT: 10.87
Area: 4143
Amount: 1.049605
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:33:56
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

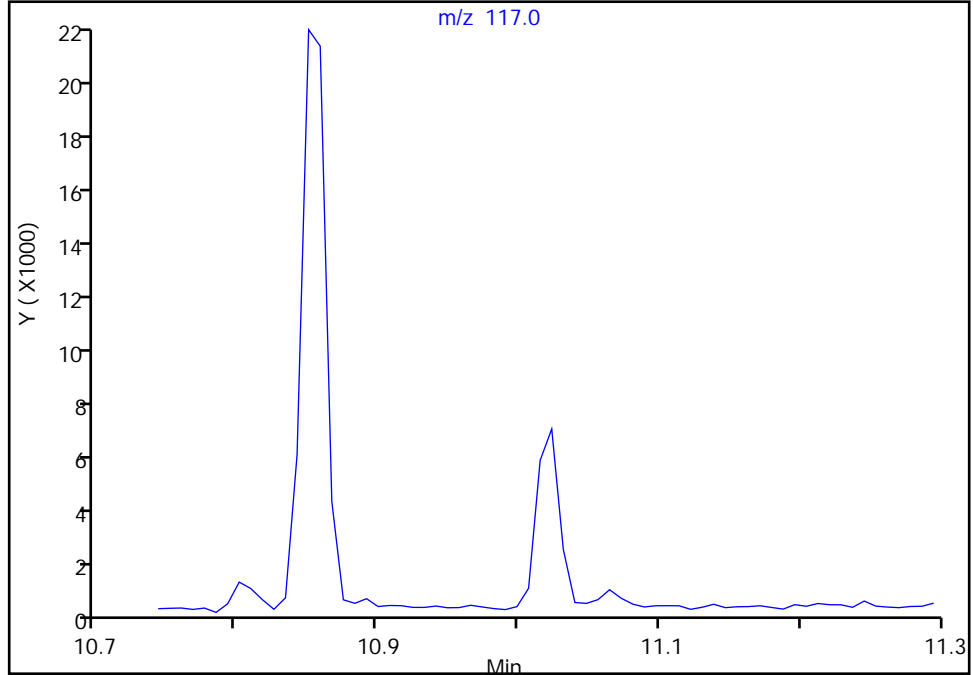
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

120 2,3-Dihydroindene, CAS: 496-11-7

Signal: 1

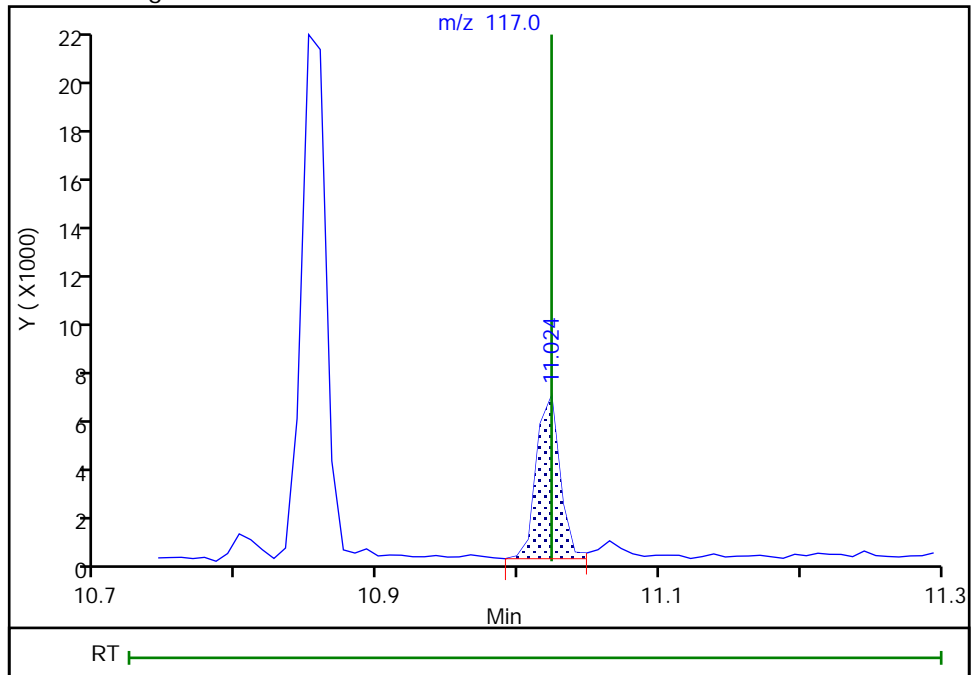
Not Detected
Expected RT: 11.02

Processing Integration Results



Manual Integration Results

RT: 11.02
Area: 7866
Amount: 1.011860
Amount Units: ug/l



Euofins TestAmerica, Edison

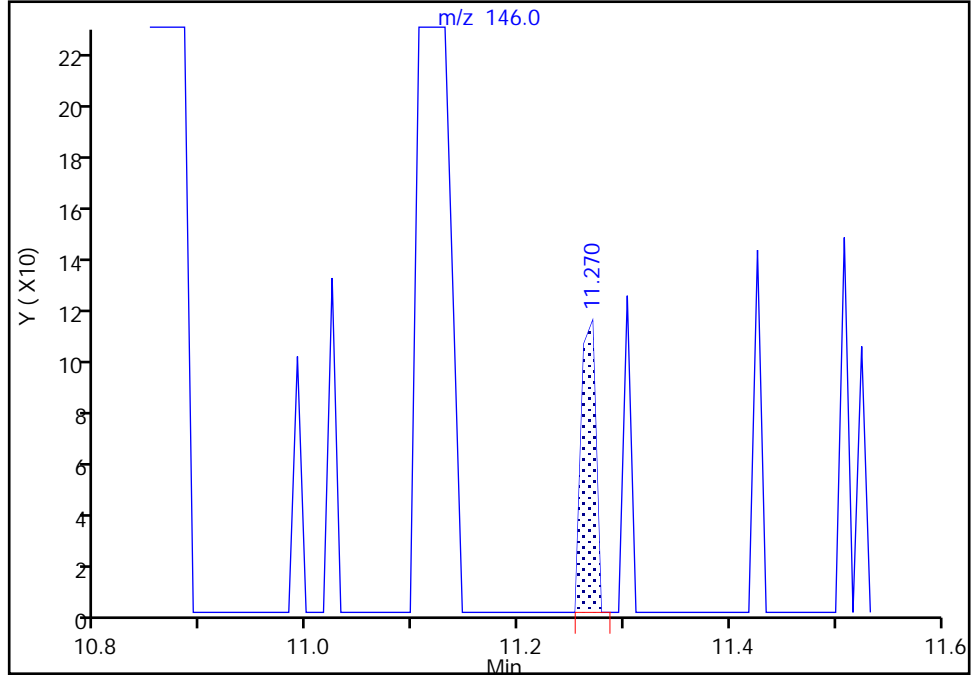
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

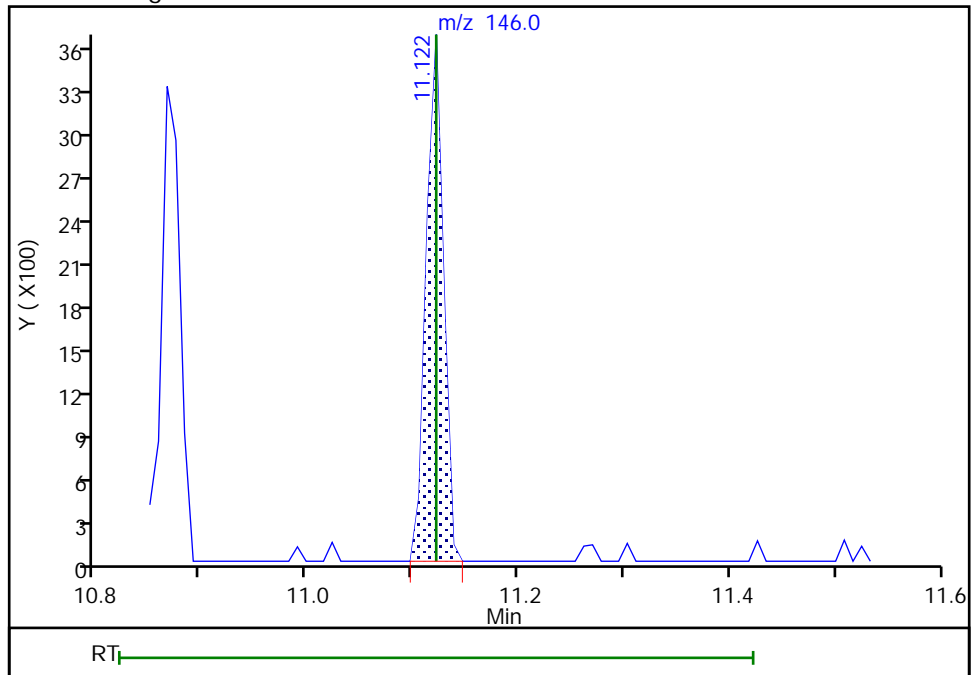
RT: 11.27
Area: 109
Amount: 0.025533
Amount Units: ug/l

Processing Integration Results



RT: 11.12
Area: 4158
Amount: 1.035536
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:34:21
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Euofins TestAmerica, Edison

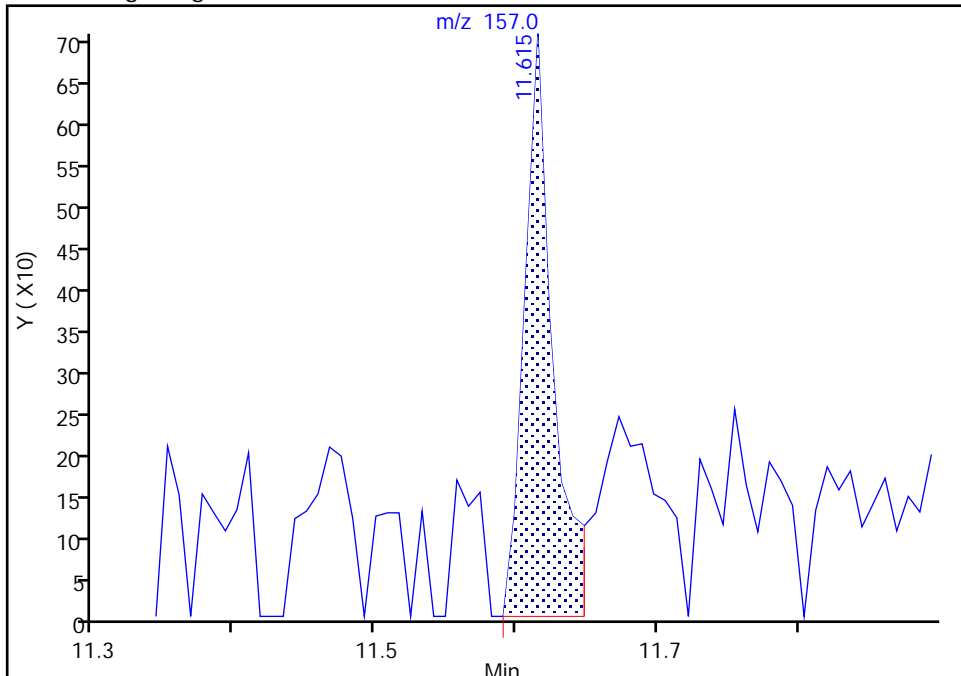
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003701.D
Injection Date: 24-Aug-2020 21:53:30 Instrument ID: CVOAMS6
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

125 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

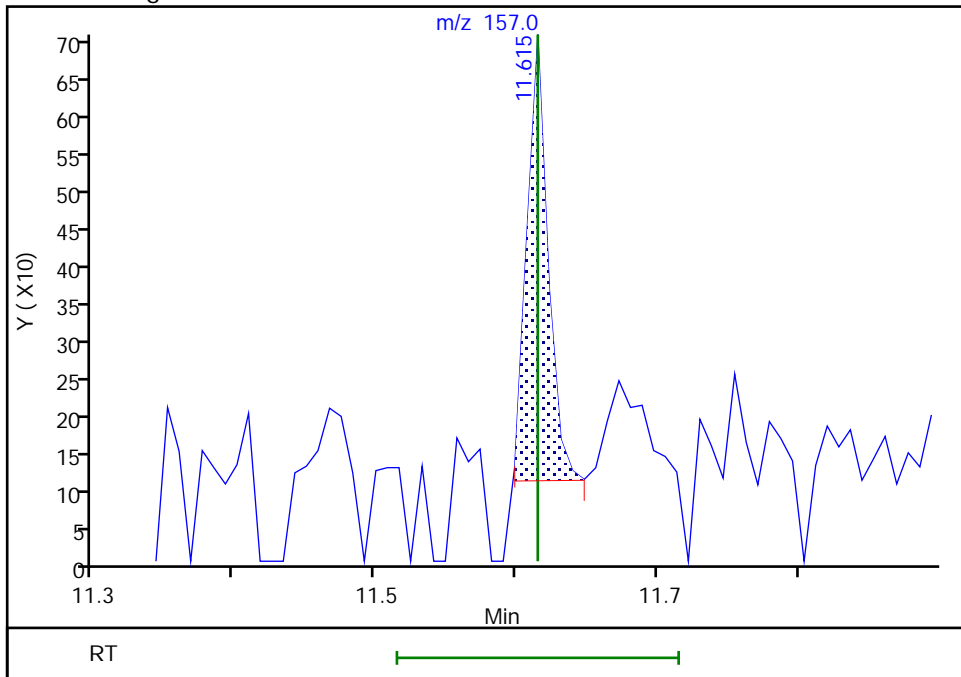
RT: 11.62
Area: 998
Amount: 1.547719
Amount Units: ug/l

Processing Integration Results



RT: 11.62
Area: 623
Amount: 1.064844
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:37:43
Audit Action: Manually Integrated

Audit Reason: Baseline
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Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 24-Aug-2020 22:17:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0115680-005
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:36:54 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc

Date: 25-Aug-2020 06:28:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.574	-0.008	88	13854	5.00	4.98	
2 Chloromethane	50	1.738	1.738	0.000	99	19366	5.00	4.87	
3 Butadiene	54	1.812	1.820	-0.008	96	17461	5.00	4.89	
4 Vinyl chloride	62	1.821	1.820	0.001	97	19062	5.00	4.80	
5 Bromomethane	94	2.092	2.092	0.000	98	12105	5.00	4.80	
6 Chloroethane	64	2.141	2.141	0.000	98	11402	5.00	4.54	
7 Dichlorofluoromethane	67	2.314	2.313	0.001	98	27828	5.00	4.73	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	59	22812	5.00	5.01	
9 Pentane	72	2.338	2.346	-0.008	97	5973	10.0	10.9	M
10 Ethyl ether	59	2.503	2.511	-0.008	92	11143	5.00	5.54	M
11 Ethanol	46	2.503	2.511	-0.008	71	3350	200.0	400.7	M
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	98	14067	5.00	5.95	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	78	9060	5.00	4.91	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	87	14501	5.00	4.75	a
15 Acrolein	56	2.675	2.675	0.000	31	3713	20.0	24.8	
16 112TCTFE	101	2.692	2.691	0.001	91	9460	5.00	4.88	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	97	9032	5.00	4.67	
18 Acetone	43	2.798	2.790	0.008	86	18272	25.0	27.1	
19 Iodomethane	142	2.864	2.872	-0.008	97	16369	5.00	4.80	
20 Isopropyl alcohol	45	2.881	2.880	0.001	29	5281	50.0	45.0	
21 Carbon disulfide	76	2.913	2.922	-0.009	100	36470	5.00	4.86	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	88	18095	5.00	4.60	a
23 Methyl acetate	43	3.020	3.020	0.000	85	18598	10.0	9.62	
24 Cyclopentene	67	3.028	3.028	0.000	93	25052	5.00	4.99	
25 Acetonitrile	41	3.111	3.094	0.017	20	14219	50.0	57.8	a
26 Methylene Chloride	84	3.135	3.143	-0.008	39	10902	5.00	4.53	a
* 27 TBA-d9 (IS)	65	3.135	3.143	-0.008	0	244119	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.201	3.193	0.008	91	13387	50.0	49.1	a
29 Methyl tert-butyl ether	73	3.291	3.283	0.008	78	27229	5.00	4.92	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	95	9623	5.00	4.64	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.382	3.382	0.000	94	45865	50.0	47.0	
32 Hexane	43	3.456	3.456	0.000	91	7938	5.00	5.11	
33 Isopropyl ether	45	3.653	3.661	-0.008	92	29991	5.00	5.05	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	17360	5.00	4.82	
35 Vinyl acetate	86	3.702	3.702	0.000	99	3972	10.0	8.68	
36 2-Chloro-1,3-butadiene	88	3.735	3.735	0.000	91	9110	5.00	5.02	
37 Tert-butyl ethyl ether	59	3.973	3.965	0.008	88	28442	5.00	4.98	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	263768	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.179	0.000	49	3953	5.00	6.04	Ma
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	96	12188	5.00	5.24	
41 Ethyl acetate	70	4.220	4.212	0.008	94	2469	10.0	9.76	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	97	7438	25.0	24.0	
43 Methyl acrylate	55	4.261	4.261	0.000	98	11627	5.00	5.53	
44 Propionitrile	54	4.343	4.335	0.008	96	20522	50.0	55.1	
45 Chlorobromomethane	128	4.409	4.409	0.000	90	5183	5.00	4.83	
46 Tetrahydrofuran	72	4.409	4.417	-0.008	78	4257	10.0	11.3	
47 Methacrylonitrile	67	4.442	4.433	0.009	91	49083	50.0	46.0	
48 Chloroform	83	4.458	4.458	0.000	97	15931	5.00	4.55	
49 Cyclohexane	84	4.598	4.598	0.000	90	16486	5.00	4.92	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	71	14360	5.00	4.58	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	96	97212	50.0	49.3	
52 Carbon tetrachloride	117	4.721	4.721	0.000	94	12166	5.00	4.71	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	95	13266	5.00	4.83	
54 Isobutyl alcohol	43	4.885	4.869	0.016	90	9731	125.0	126.7	
55 Benzene	78	4.943	4.943	0.000	95	39427	5.00	5.07	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	127202	50.0	49.2	a
57 Isopropyl acetate	43	5.000	5.000	0.000	91	31721	5.00	4.71	
58 Tert-amyl methyl ether	73	5.000	5.009	-0.009	79	31448	5.00	5.05	
59 1,2-Dichloroethane	62	5.033	5.033	0.000	96	14123	5.00	4.93	
60 n-Heptane	57	5.091	5.099	-0.008	88	7142	5.00	5.42	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	389228	50.0	50.0	
62 n-Butanol	56	5.526	5.518	0.008	80	9055	125.0	122.7	M
63 Trichloroethene	95	5.576	5.567	0.009	96	10209	5.00	4.93	
64 Ethyl acrylate	55	5.691	5.691	0.000	96	26562	5.00	4.63	
65 Methylcyclohexane	83	5.699	5.699	0.000	79	17316	5.00	4.75	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	89	10551	5.00	4.94	
* 67 1,4-Dioxane-d8	96	5.913	5.912	0.001	0	22445	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.937	-0.008	87	6238	10.0	9.61	
69 Dibromomethane	93	5.978	5.986	-0.008	90	7280	5.00	4.95	
70 n-Propyl acetate	43	5.995	5.986	0.009	98	15224	5.00	4.61	
71 1,4-Dioxane	88	5.978	5.986	-0.008	30	2240	100.0	116.6	
72 Dichlorobromomethane	83	6.126	6.126	0.000	98	13321	5.00	4.95	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	67	6396	5.01	4.53	
74 2-Nitropropane	41	6.471	6.463	0.008	88	7899	10.0	9.79	
75 Epichlorohydrin	57	6.570	6.570	0.000	99	24204	100.0	98.2	
76 cis-1,3-Dichloropropene	75	6.627	6.627	0.000	97	16255	5.00	4.93	a
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	96	56736	25.0	23.7	a
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	99	401854	50.0	51.7	
79 Toluene	91	6.948	6.948	0.000	93	42055	5.00	5.03	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	97	14952	5.00	4.97	
81 Ethyl methacrylate	69	7.326	7.326	0.000	92	14055	5.00	4.62	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	94	6551	5.00	4.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	93	8553	5.00	4.91	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	94	14700	5.00	4.89	
85 2-Hexanone	43	7.778	7.778	0.000	97	38040	25.0	23.8	
86 n-Butyl acetate	43	7.901	7.893	0.008	97	17262	5.00	4.96	
87 Chlorodibromomethane	129	7.942	7.934	0.008	98	9092	5.00	4.86	
88 Ethylene Dibromide	107	8.090	8.090	0.000	98	9232	5.00	5.03	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	88	271722	50.0	50.0	a
90 Chlorobenzene	112	8.673	8.673	0.000	92	24733	5.00	4.75	
91 Ethylbenzene	106	8.788	8.780	0.008	99	14686	5.00	5.01	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	95	9123	5.00	4.76	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	17404	5.00	4.84	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	8858	5.00	4.61	
95 o-Xylene	106	9.413	9.413	0.000	93	18077	5.00	4.81	
96 Styrene	104	9.446	9.446	0.000	96	28642	5.00	4.75	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	92	21975	5.00	4.69	
98 Bromoform	173	9.651	9.651	0.000	95	6605	5.00	4.84	
99 Isopropylbenzene	105	9.775	9.774	0.001	97	43594	5.00	4.74	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	84	116112	50.0	50.9	
101 Bromobenzene	156	10.079	10.078	0.001	96	11073	5.00	4.80	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	98	13405	5.00	4.97	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	56770	5.00	4.74	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	96	4728	5.00	5.23	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	79	4006	5.00	4.97	a
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	36366	5.00	4.51	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	97	46410	5.00	4.75	a
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	94	37574	5.00	4.65	
109 4-Chlorotoluene	91	10.325	10.325	0.000	97	34859	5.00	4.83	a
110 Butyl Methacrylate	87	10.383	10.382	0.001	91	16490	5.00	4.80	
111 tert-Butylbenzene	119	10.539	10.539	0.000	93	28821	5.00	4.44	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	98	39351	5.00	4.56	
113 sec-Butylbenzene	105	10.703	10.703	0.000	98	45808	5.00	4.41	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	91	20861	5.00	4.57	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	98	39750	5.00	4.41	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	98	152276	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.876	10.867	0.009	93	21395	5.00	4.75	
118 1,2,3-Trimethylbenzene	105	10.884	10.892	-0.008	97	40554	5.00	4.52	
119 Benzyl chloride	91	10.974	10.974	0.000	98	25803	5.00	4.90	
120 2,3-Dihydroindene	117	11.023	11.023	0.000	94	41225	5.00	4.65	
121 p-Diethylbenzene	119	11.065	11.064	0.001	93	21953	5.00	4.63	
122 n-Butylbenzene	92	11.081	11.081	0.000	97	23311	5.00	4.81	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	93	22022	5.00	4.81	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	40728	5.00	4.43	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.615	0.000	93	3036	5.00	4.55	
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	96	17040	5.00	4.76	
127 1,2,4-Trichlorobenzene	180	12.092	12.083	0.009	94	16093	5.00	4.50	
128 Hexachlorobutadiene	225	12.157	12.157	0.000	92	5853	5.00	4.31	
129 Naphthalene	128	12.256	12.256	0.000	99	46428	5.00	4.67	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	94	15030	5.00	4.52	
S 131 1,2-Dichloroethene, Total	100				0		10.0	9.89	
S 132 Xylenes, Total	100				0		10.0	9.65	

QC Flag Legend

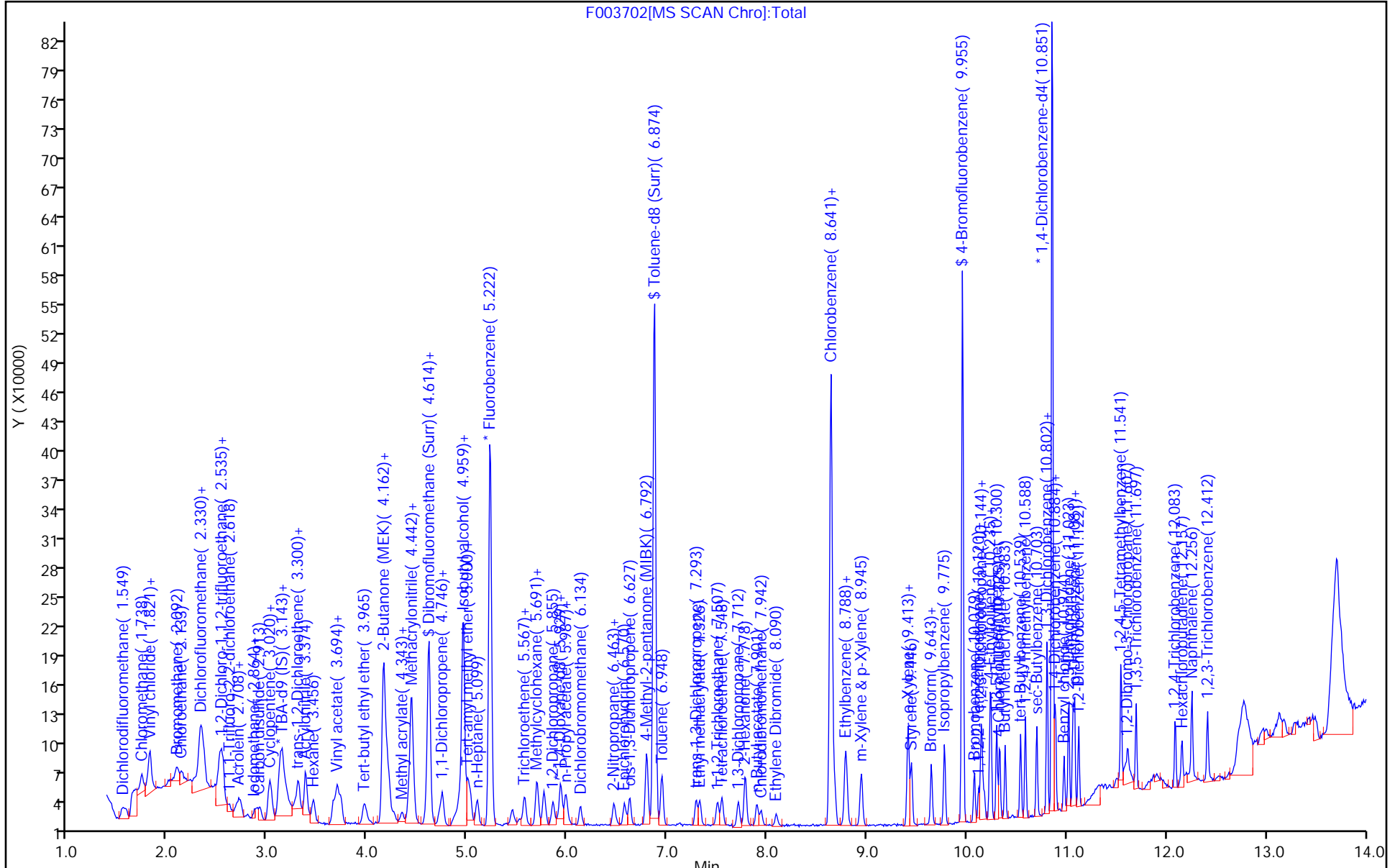
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00382	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 10.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
524freon_00026	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



F003702[MS SCAN Chrom]:Total

Eurofins TestAmerica, Edison

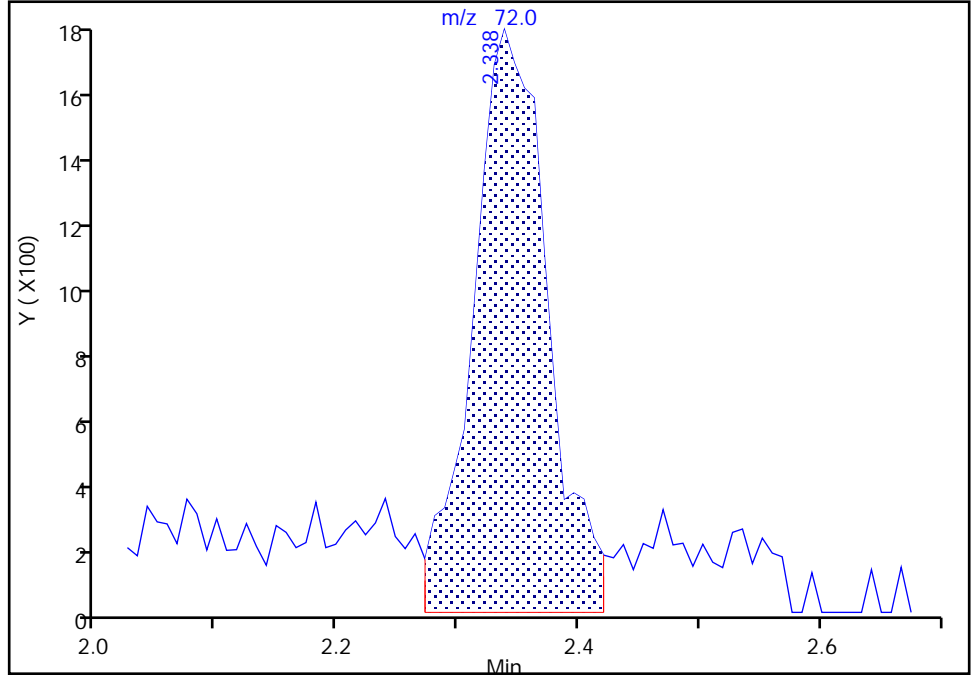
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

9 Pentane, CAS: 109-66-0

Signal: 1

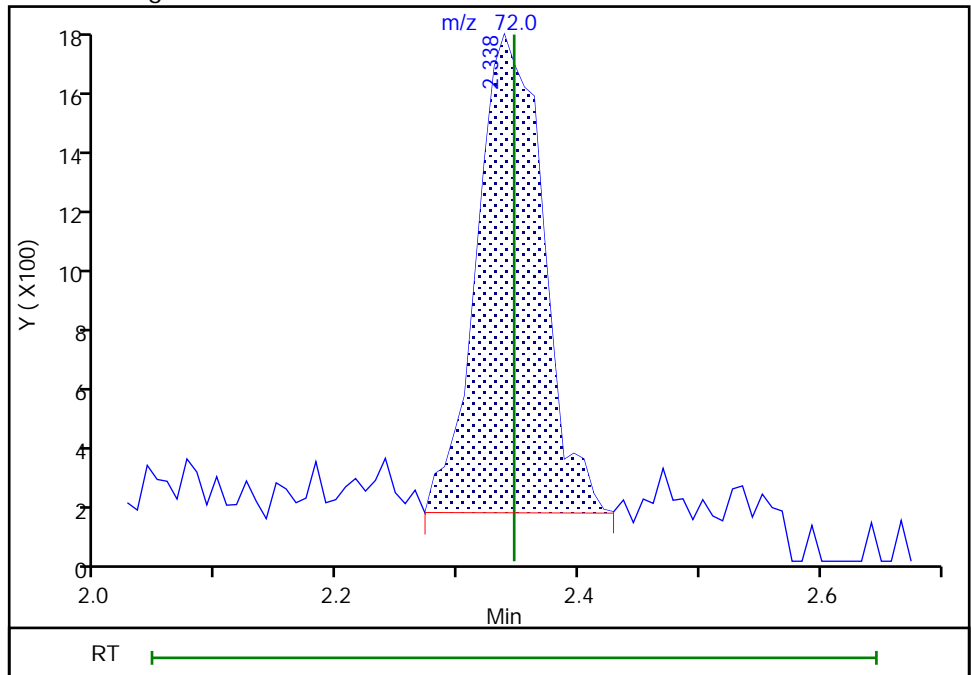
RT: 2.34
Area: 7451
Amount: 13.043448
Amount Units: ug/l

Processing Integration Results



RT: 2.34
Area: 5973
Amount: 10.927326
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:13:13
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

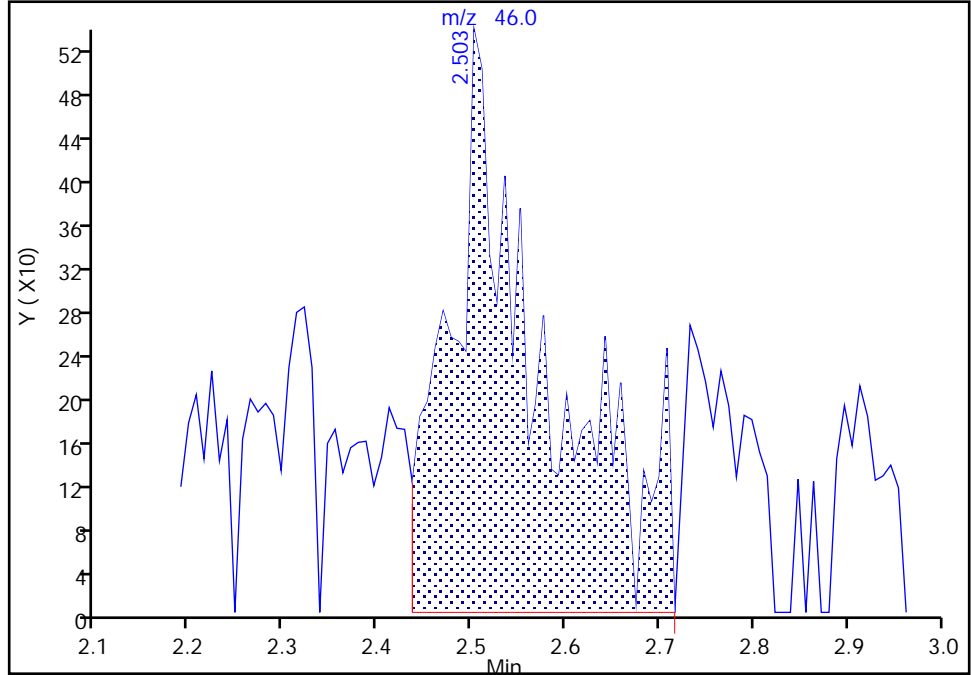
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

11 Ethanol, CAS: 64-17-5

Signal: 1

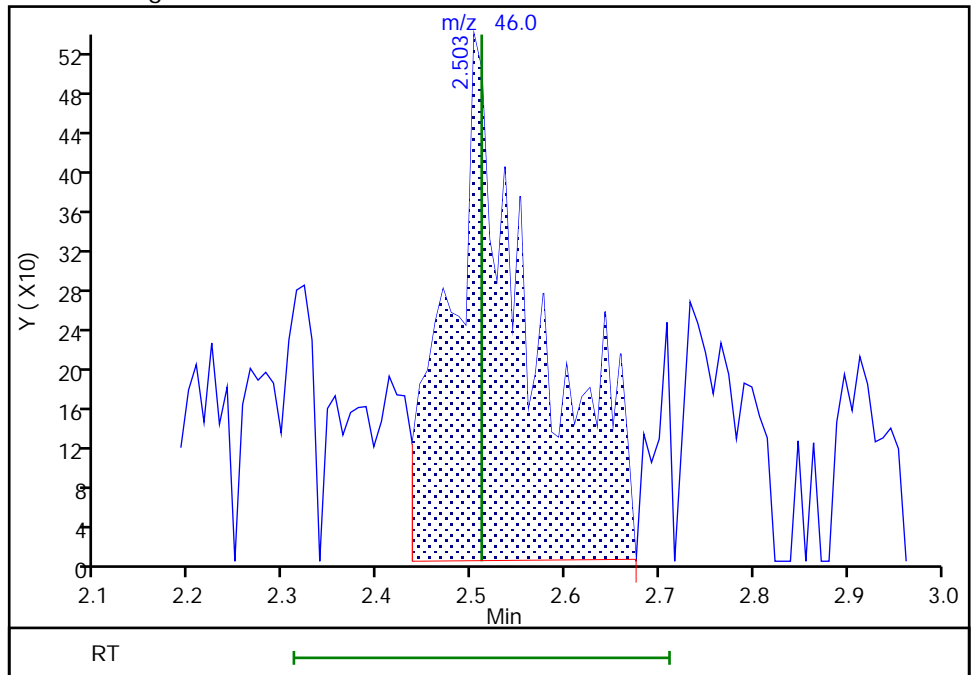
RT: 2.50
Area: 3661
Amount: 443.6418
Amount Units: ug/l

Processing Integration Results



RT: 2.50
Area: 3350
Amount: 400.6758
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 16:46:42
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

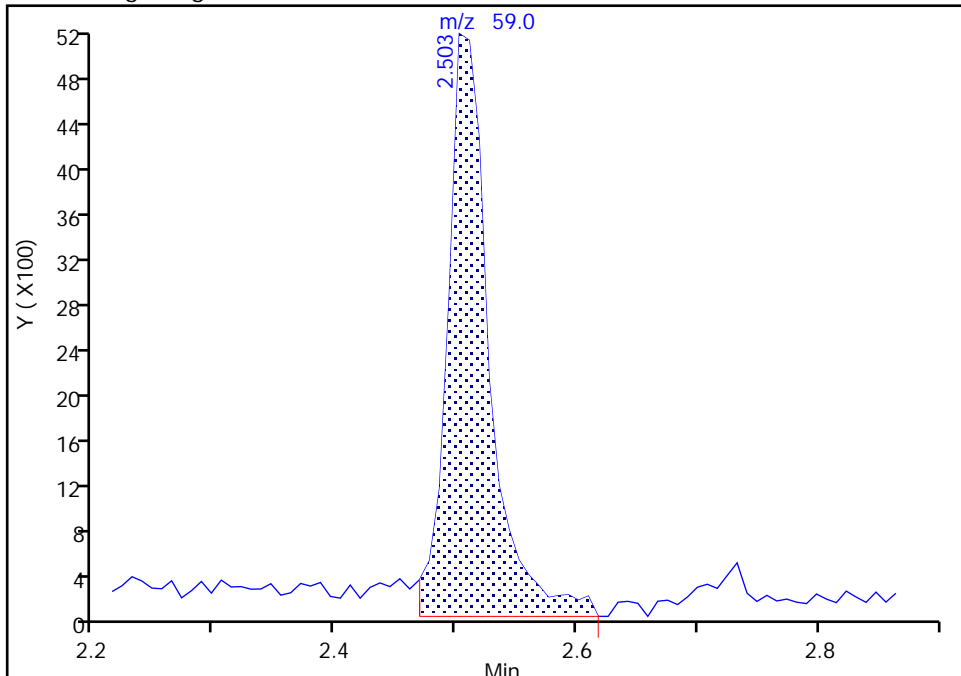
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Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Ethyl ether, CAS: 60-29-7

Signal: 1

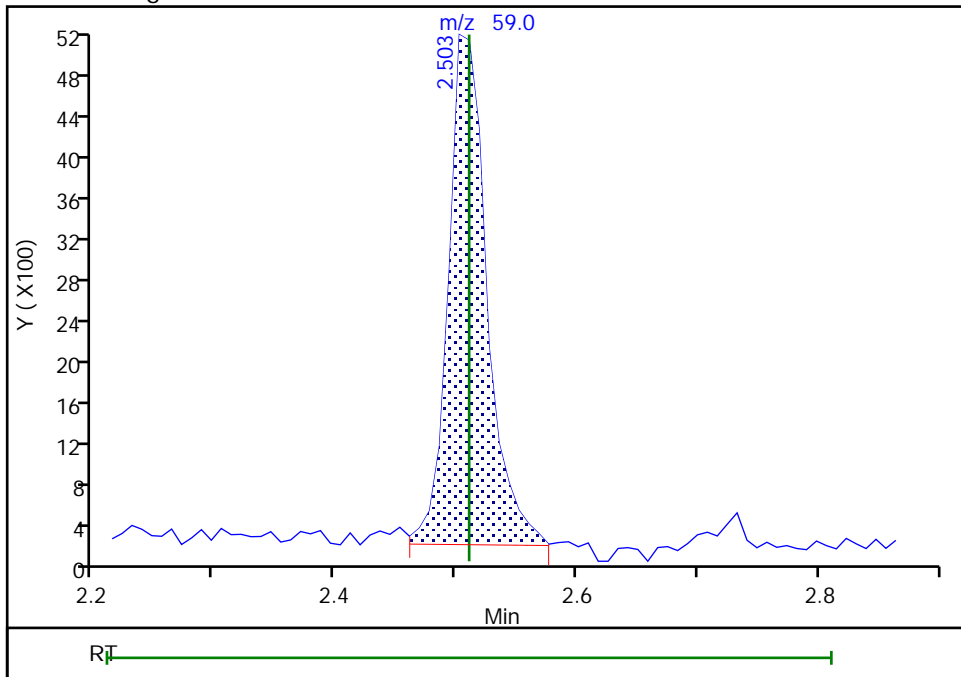
RT: 2.50
Area: 12566
Amount: 8.998214
Amount Units: ug/l

Processing Integration Results



RT: 2.50
Area: 11143
Amount: 5.537441
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:11:39
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

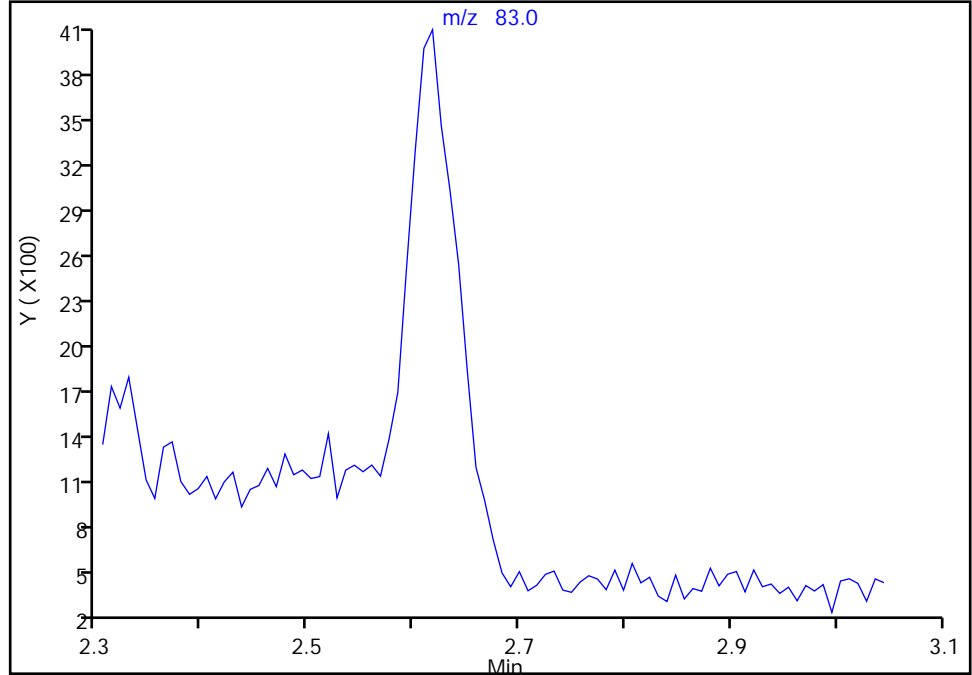
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

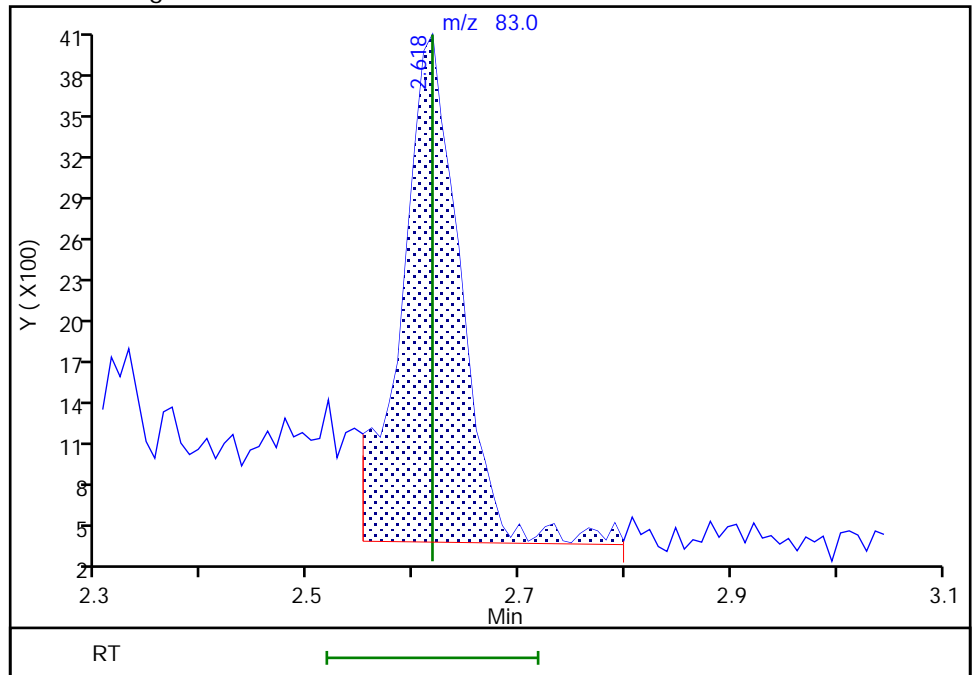
Processing Integration Results

Not Detected
Expected RT: 2.62



Manual Integration Results

RT: 2.62
Area: 14501
Amount: 4.753585
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:24:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

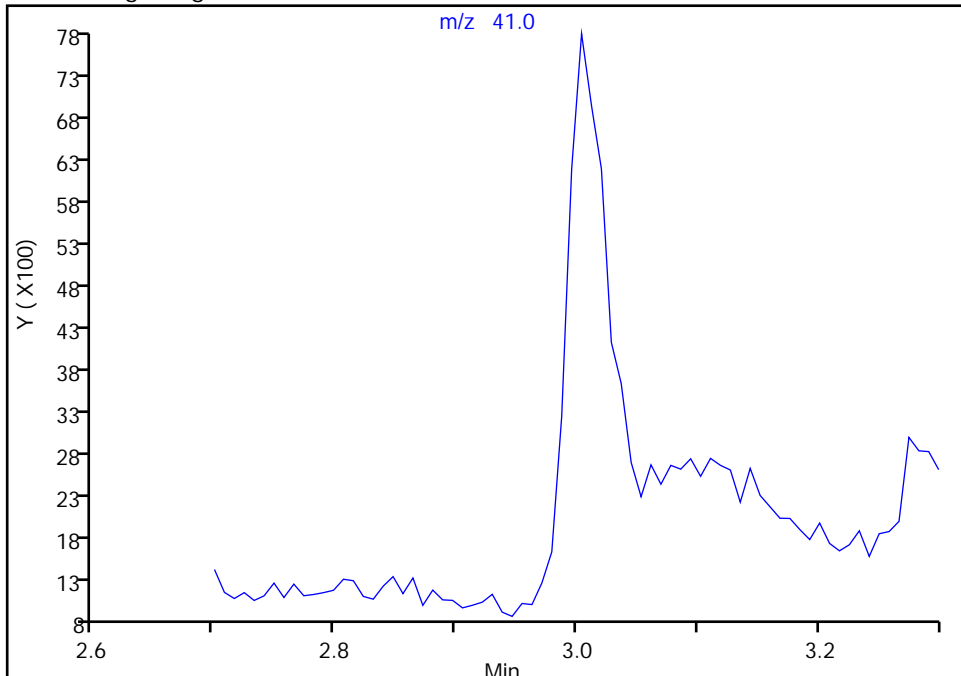
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

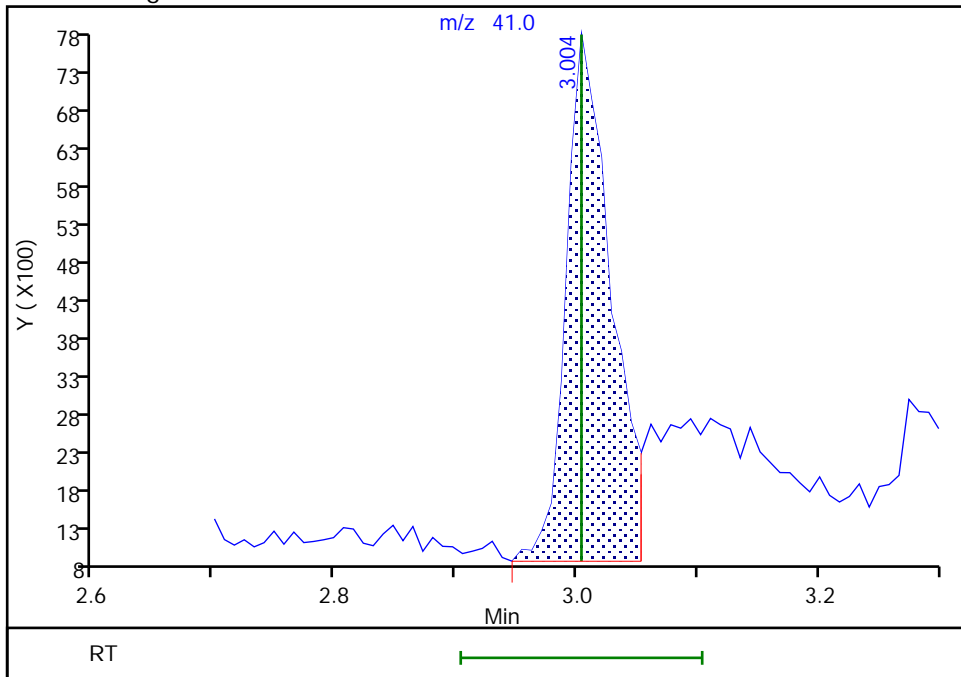
Not Detected
Expected RT: 3.00

Processing Integration Results



RT: 3.00
Area: 18095
Amount: 4.602909
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:24:18
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

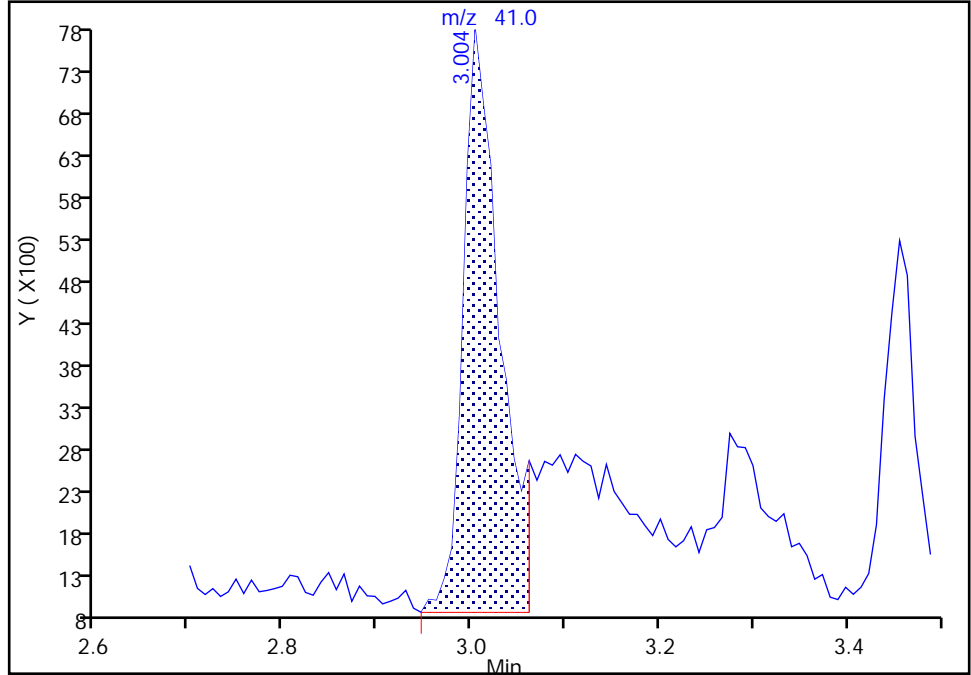
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Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

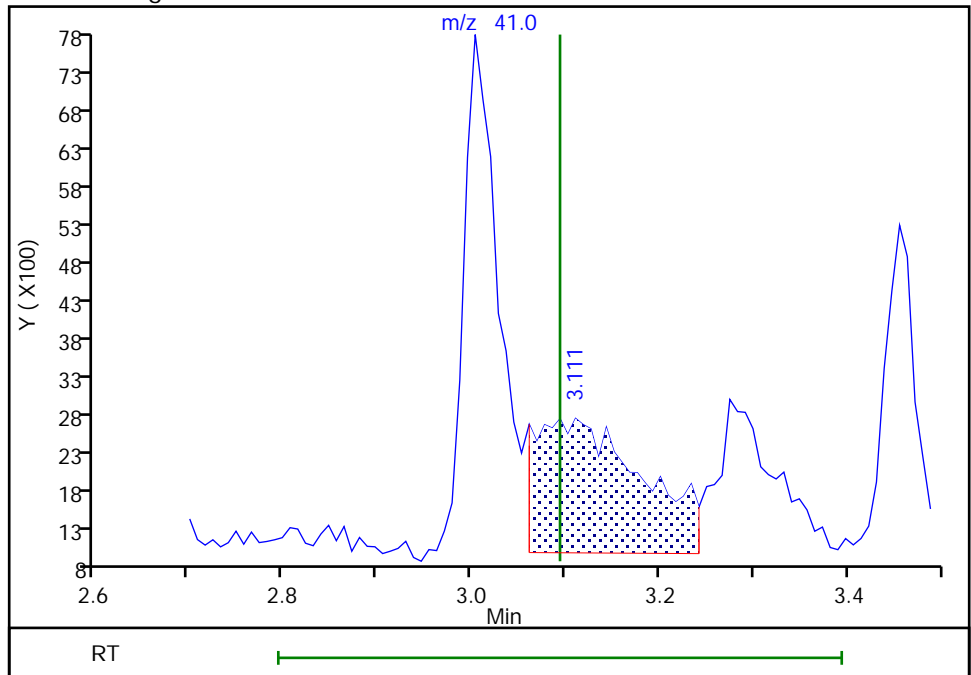
RT: 3.00
Area: 18982
Amount: 73.963532
Amount Units: ug/l

Processing Integration Results



RT: 3.11
Area: 14219
Amount: 57.764407
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

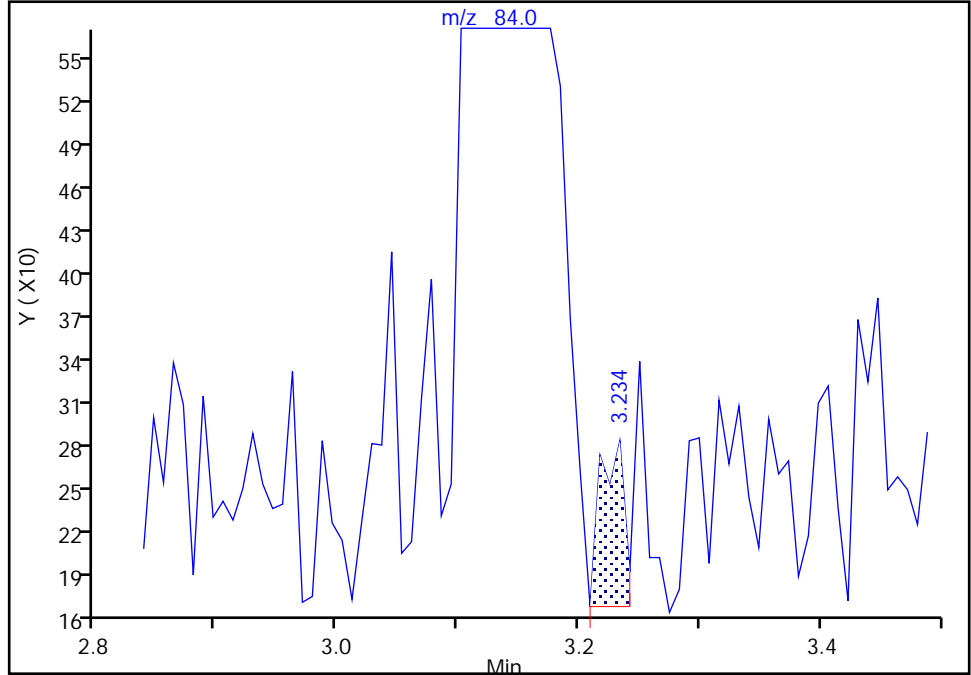
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Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

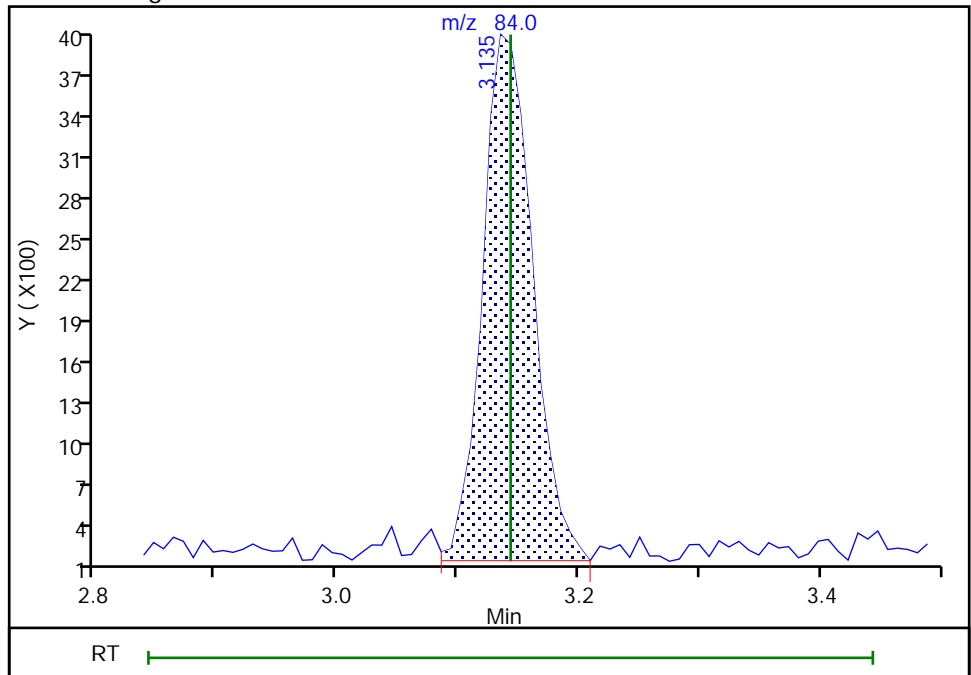
RT: 3.23
Area: 162
Amount: 0.079098
Amount Units: ug/l

Processing Integration Results



RT: 3.14
Area: 10902
Amount: 4.530999
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

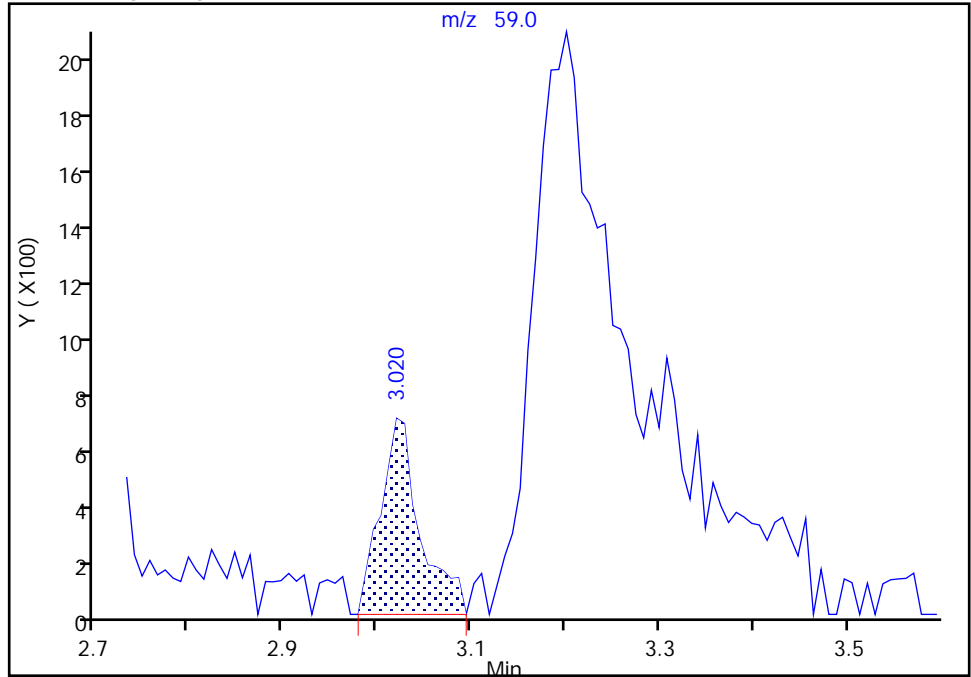
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Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

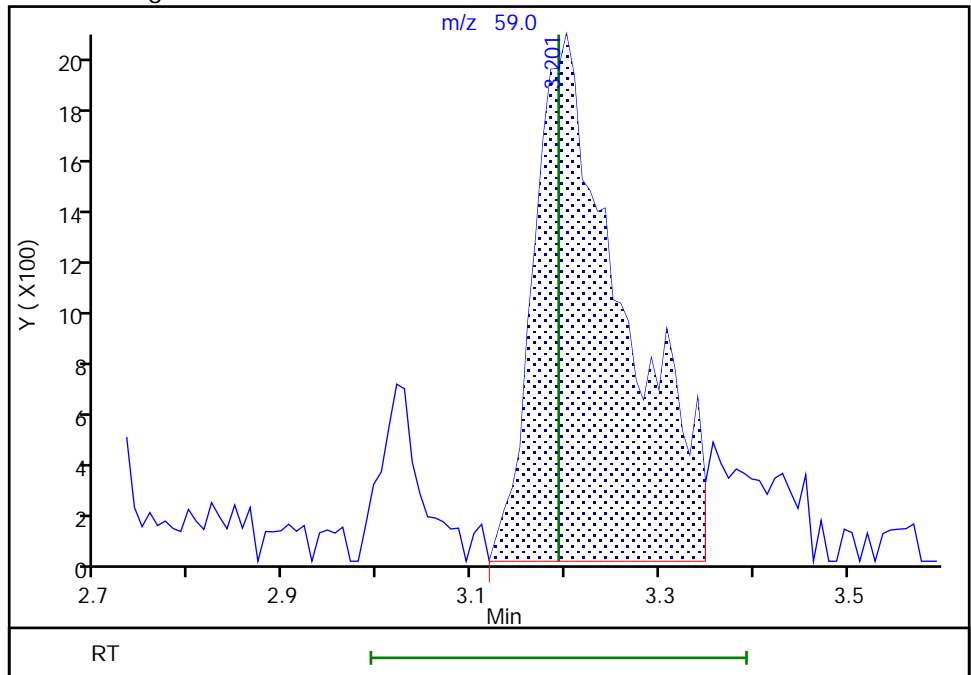
RT: 3.02
Area: 1983
Amount: 7.169919
Amount Units: ug/l

Processing Integration Results



RT: 3.20
Area: 13387
Amount: 49.117600
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:24:39
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

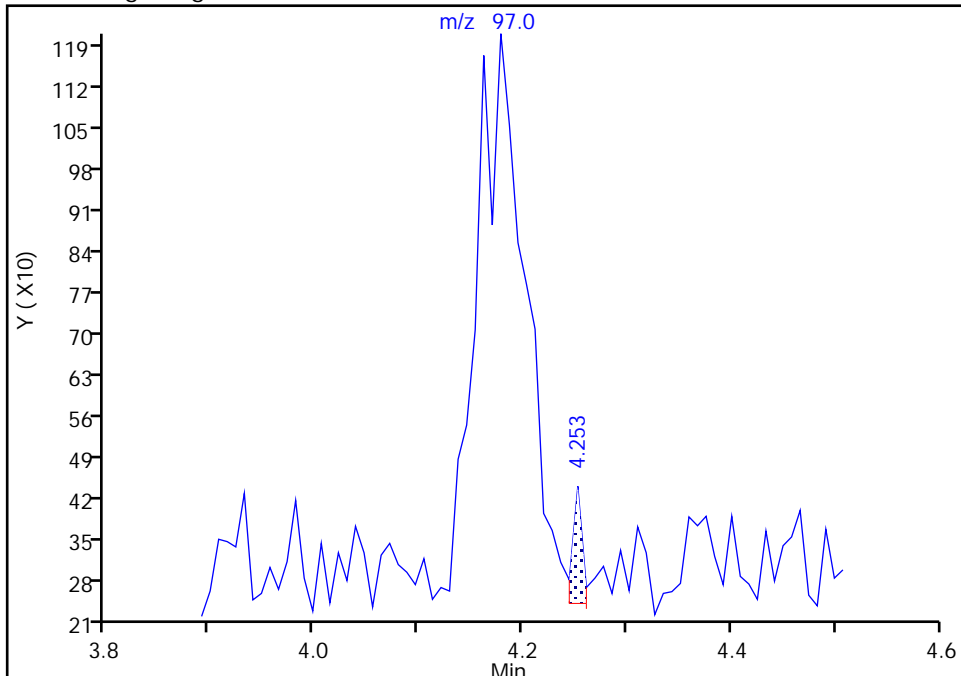
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Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

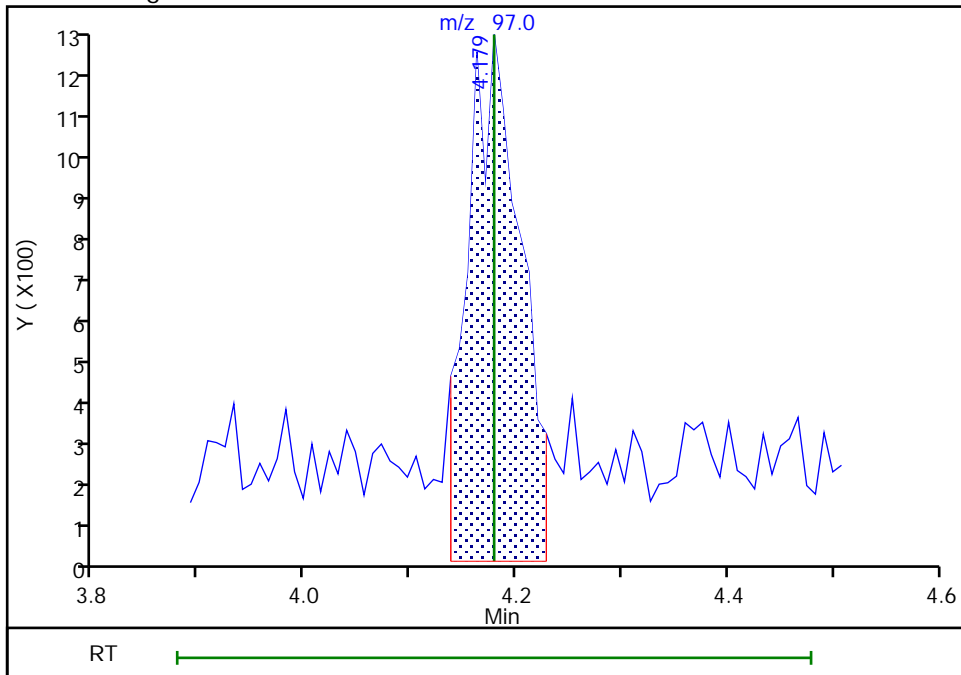
RT: 4.25
Area: 131
Amount: 0.248374
Amount Units: ug/l

Processing Integration Results



RT: 4.18
Area: 3953
Amount: 6.036675
Amount Units: ug/l

Manual Integration Results



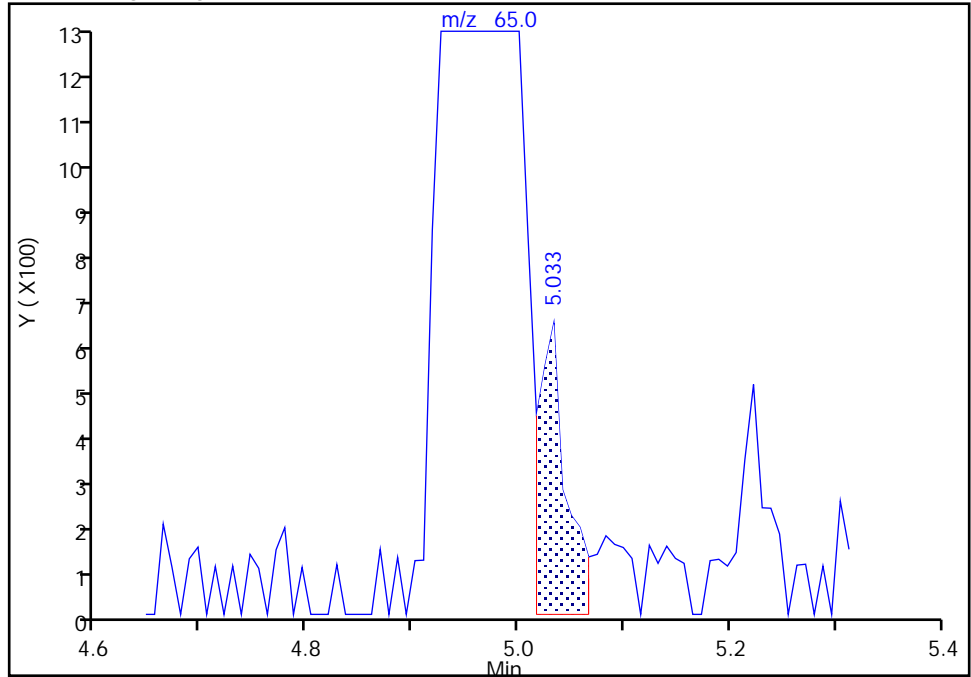
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
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

\$ 56 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0
Signal: 1

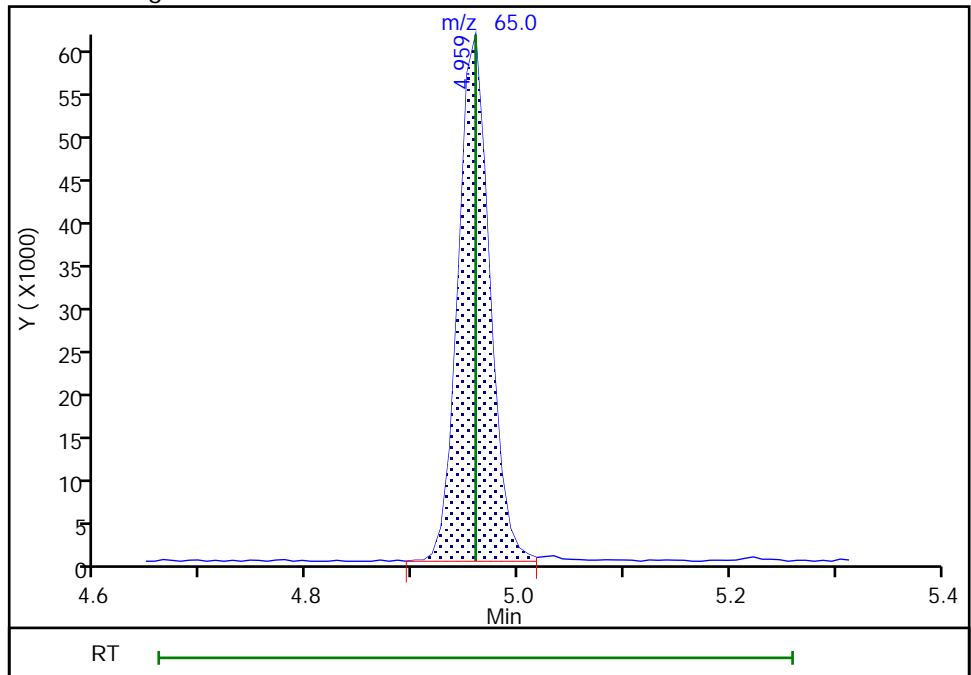
RT: 5.03
Area: 1209
Amount: 0.793439
Amount Units: ug/l

Processing Integration Results



RT: 4.96
Area: 127202
Amount: 49.179322
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

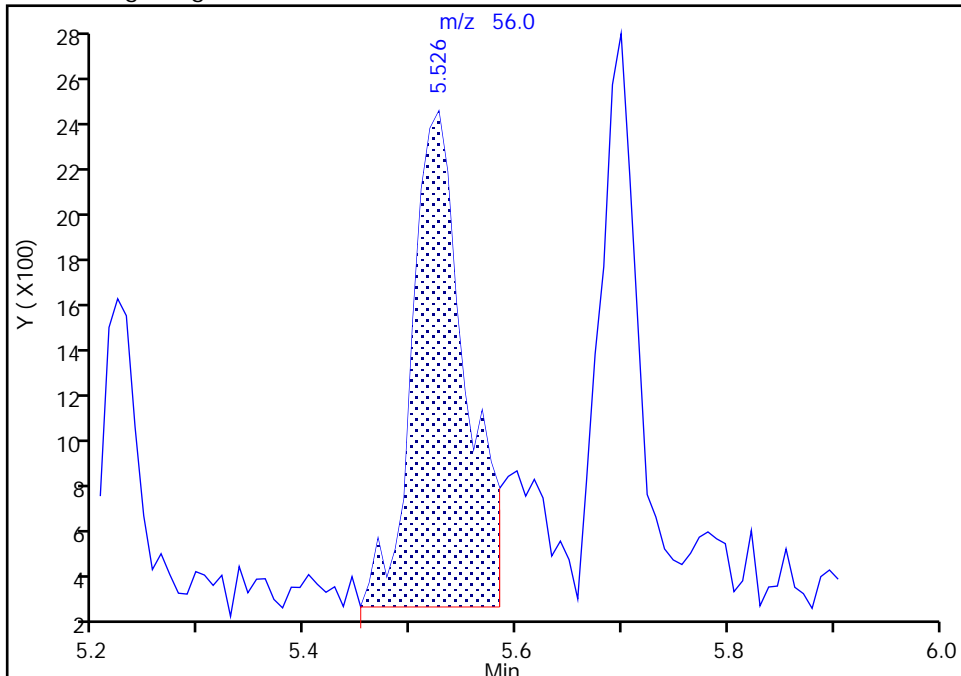
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Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

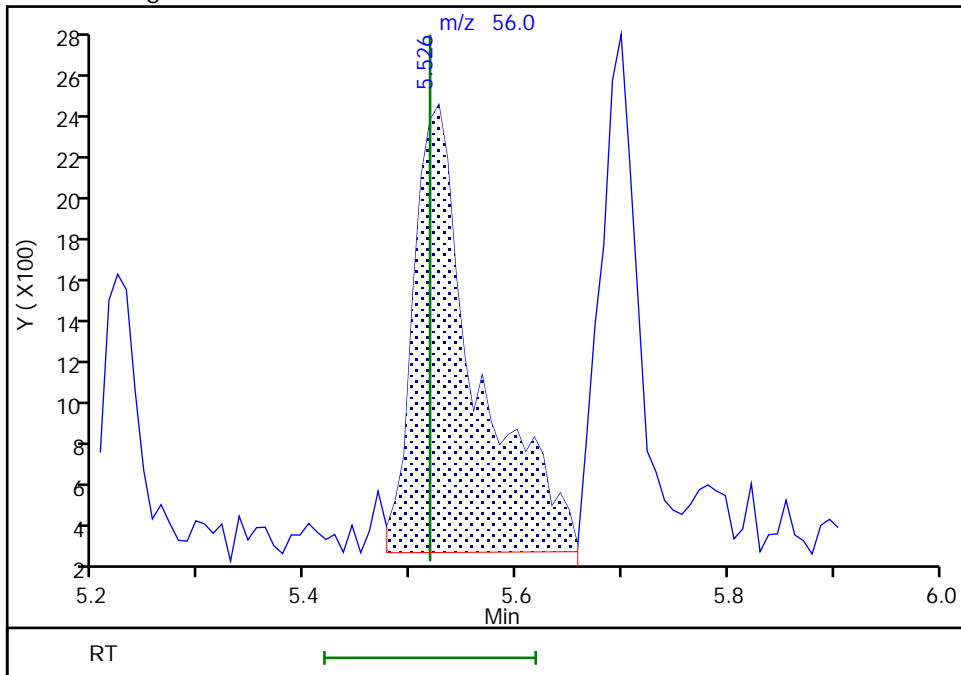
RT: 5.53
Area: 7592
Amount: 105.6560
Amount Units: ug/l

Processing Integration Results



RT: 5.53
Area: 9055
Amount: 122.6856
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:18:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

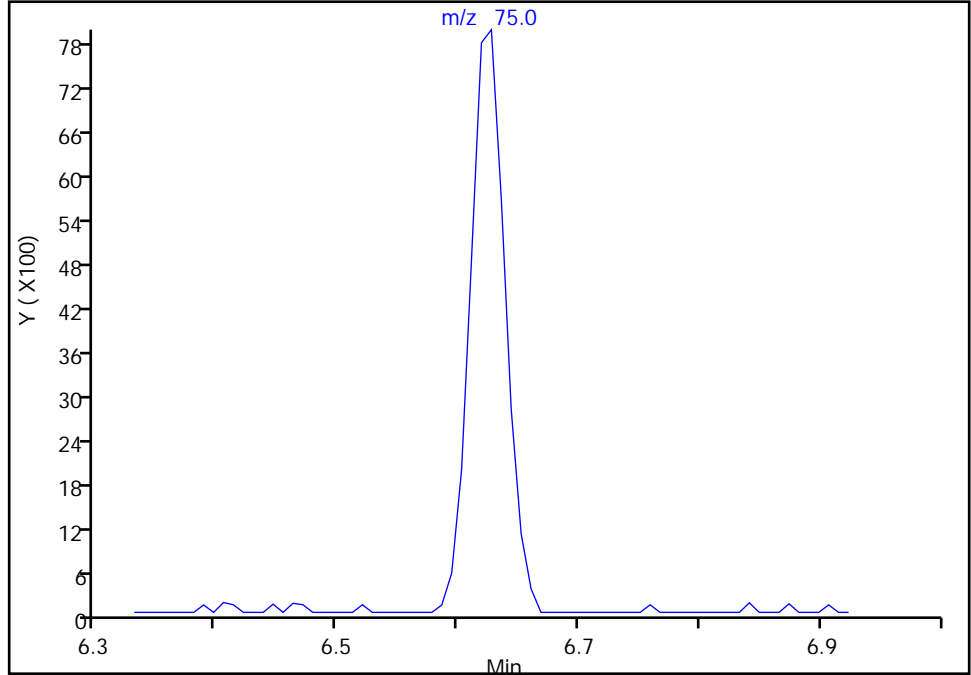
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

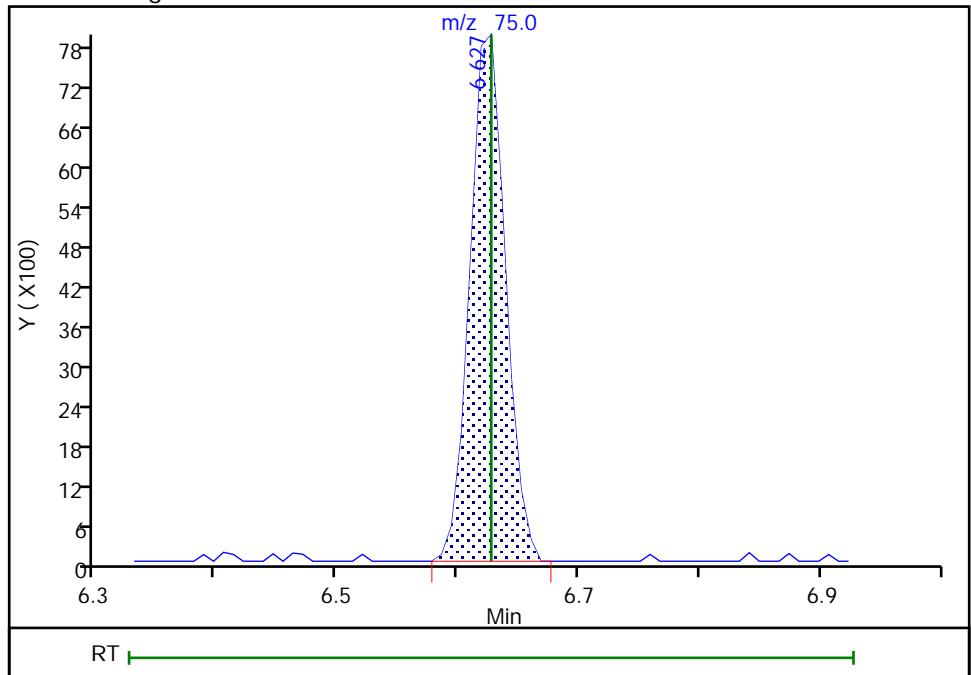
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.63
Area: 16255
Amount: 4.927057
Amount Units: ug/l



Eurofins TestAmerica, Edison

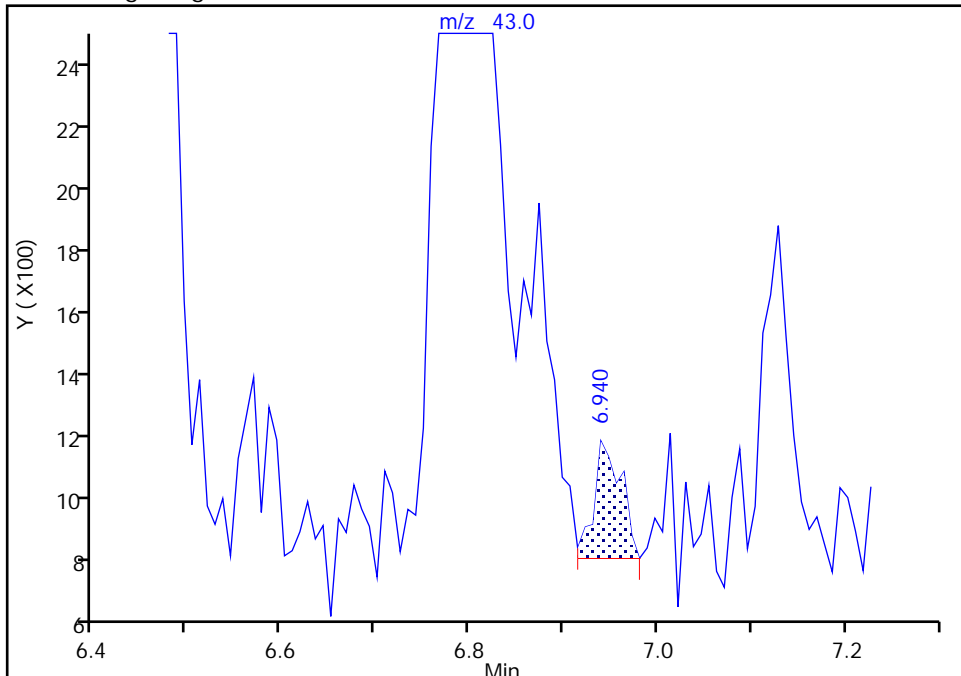
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

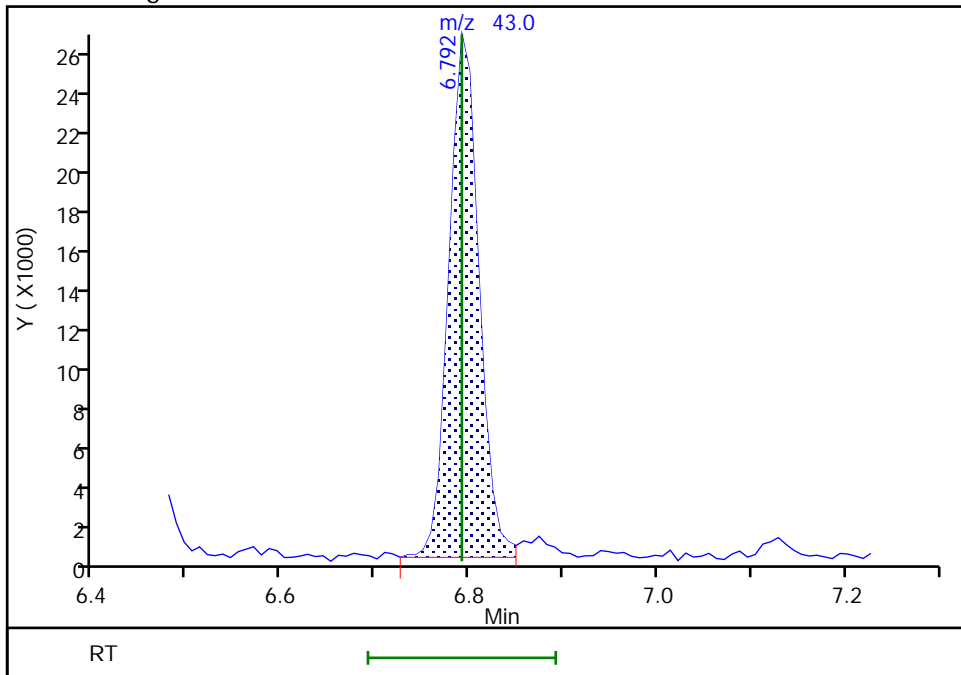
RT: 6.94
Area: 698
Amount: 0.420169
Amount Units: ug/l

Processing Integration Results



RT: 6.79
Area: 56736
Amount: 23.660695
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:25:34
Audit Action: Assigned Compound ID

Audit Reason: Assign Peak

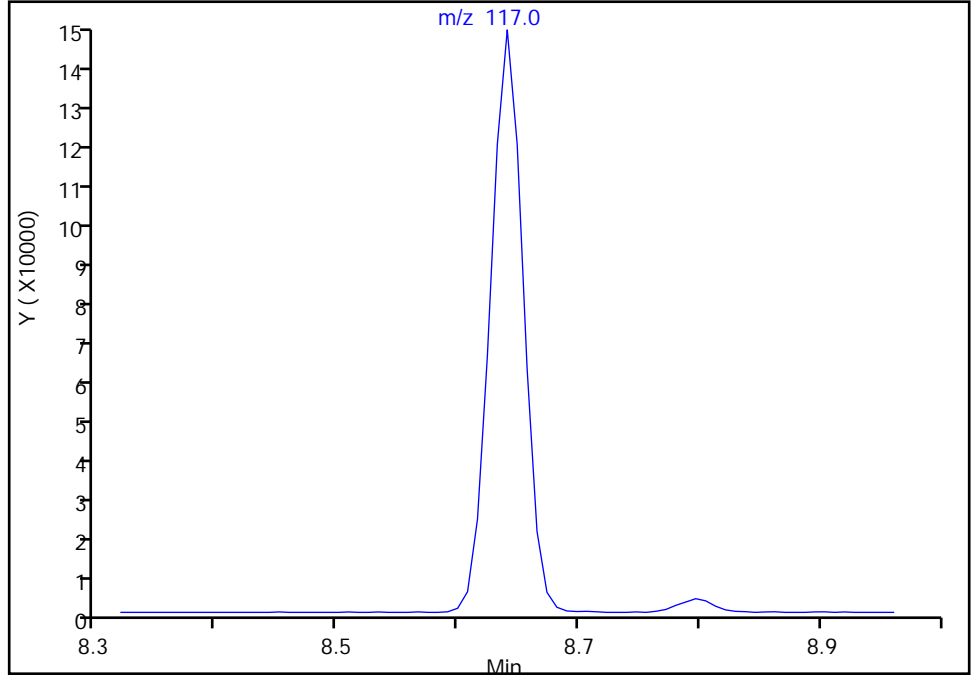
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
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

* 89 Chlorobenzene-d5, CAS: 3114-55-4
Signal: 1

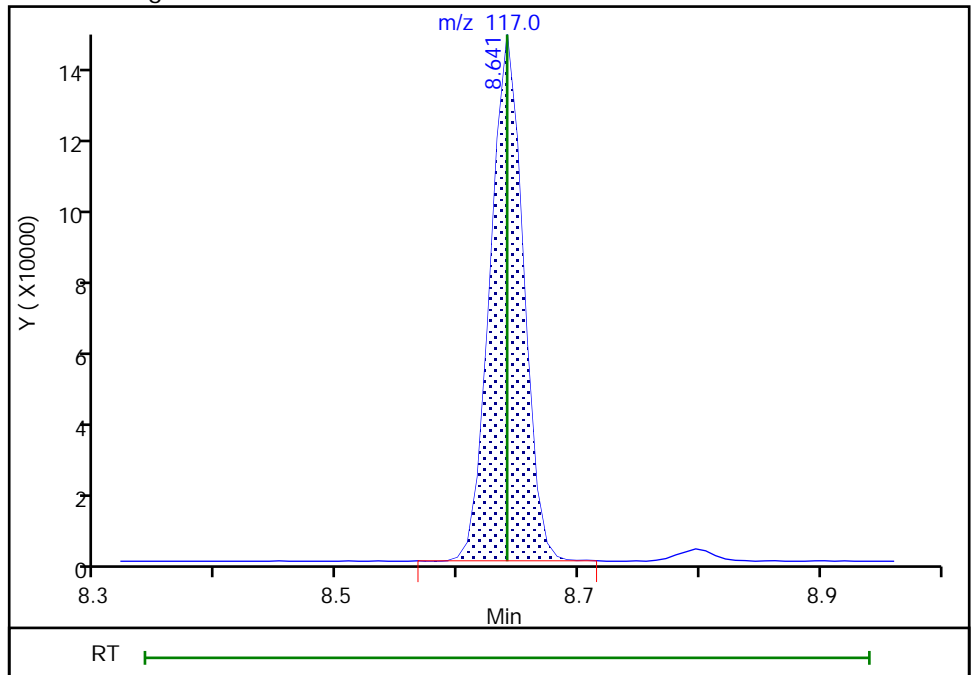
Not Detected
Expected RT: 8.64

Processing Integration Results



Manual Integration Results

RT: 8.64
Area: 271722
Amount: 50.000000
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 06:28:21
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

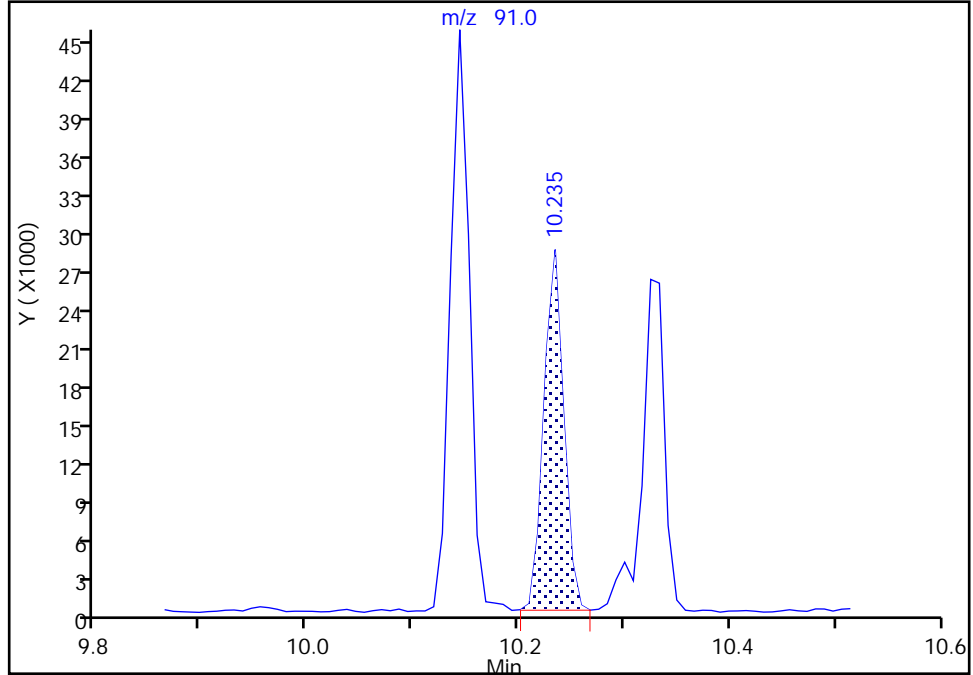
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

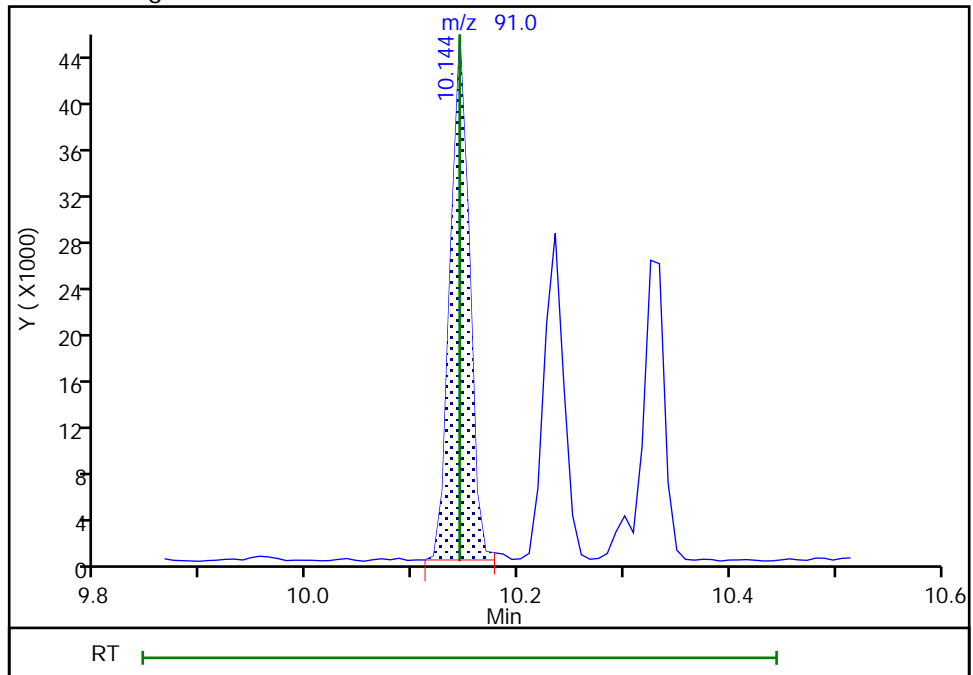
RT: 10.23
Area: 36335
Amount: 3.216191
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 56770
Amount: 4.739248
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:36:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

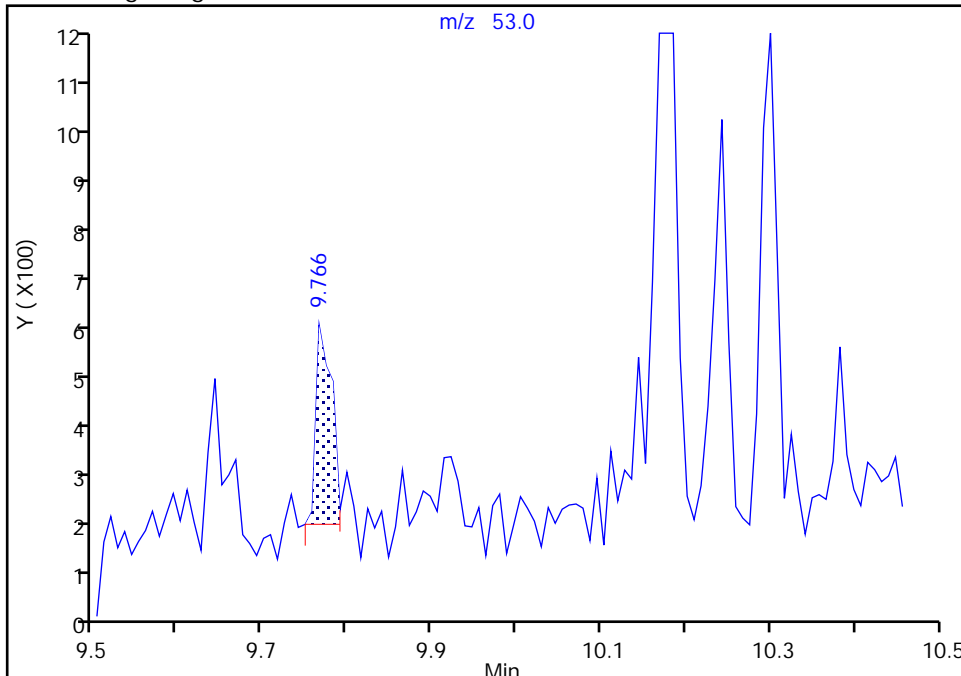
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

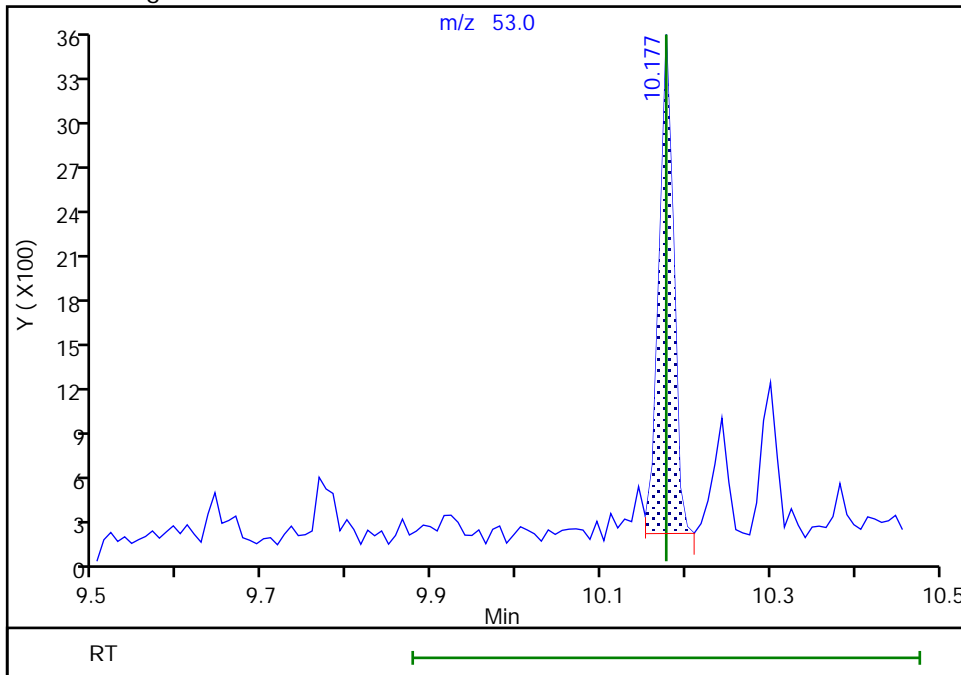
RT: 9.77
Area: 500
Amount: 0.632038
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 4006
Amount: 4.972196
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

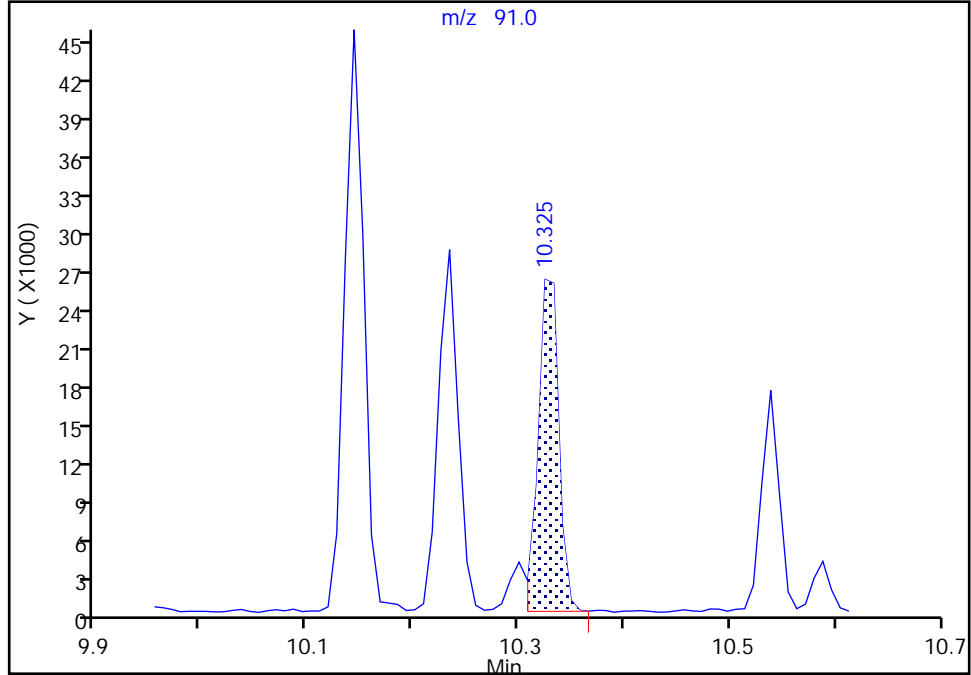
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Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

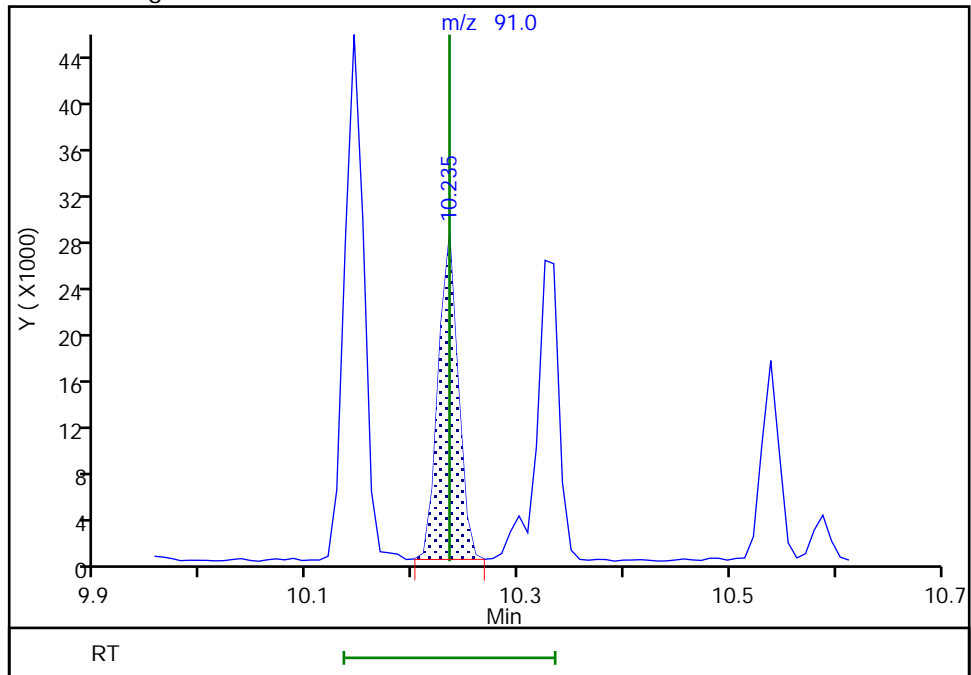
RT: 10.33
Area: 34881
Amount: 2.849755
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 36366
Amount: 4.507865
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:36:28
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

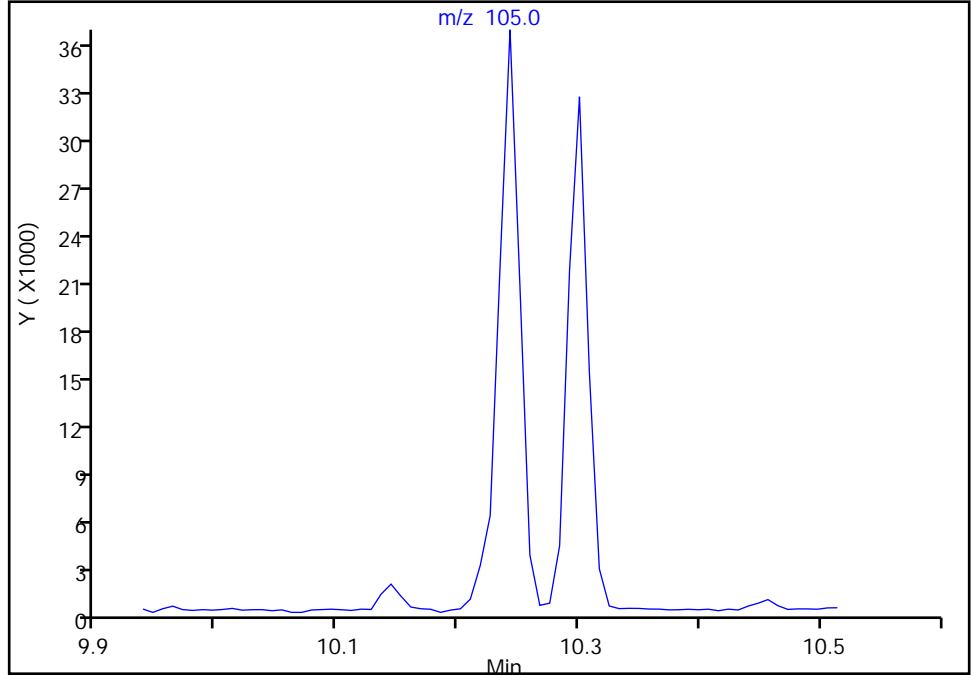
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

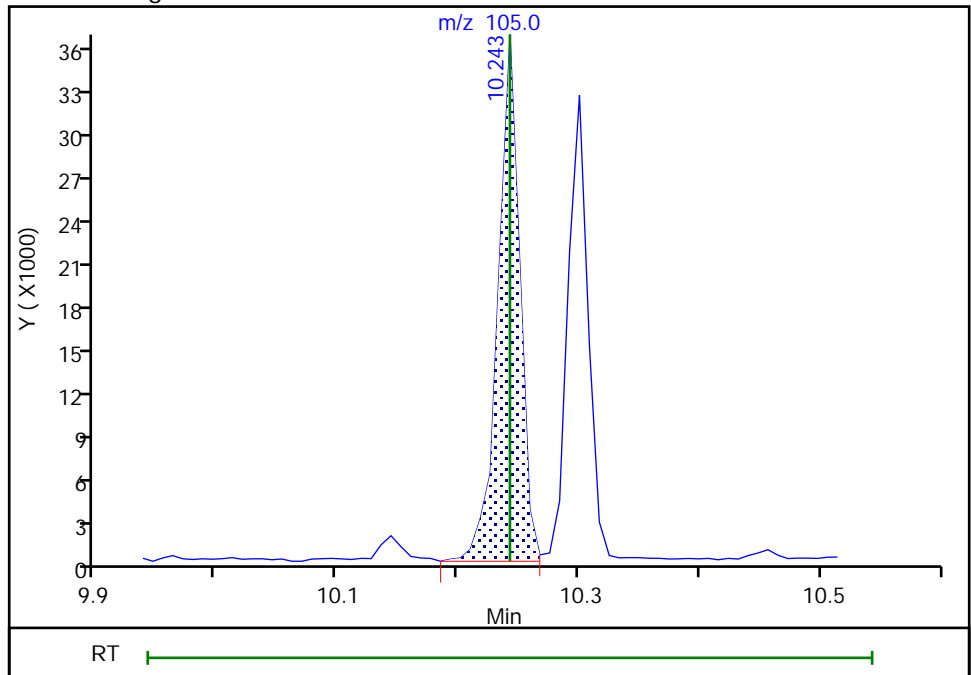
Not Detected
Expected RT: 10.24

Processing Integration Results



RT: 10.24
Area: 46410
Amount: 4.753933
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:25:59
Audit Action: Assigned Compound ID

Audit Reason: Assign Peak

Eurofins TestAmerica, Edison

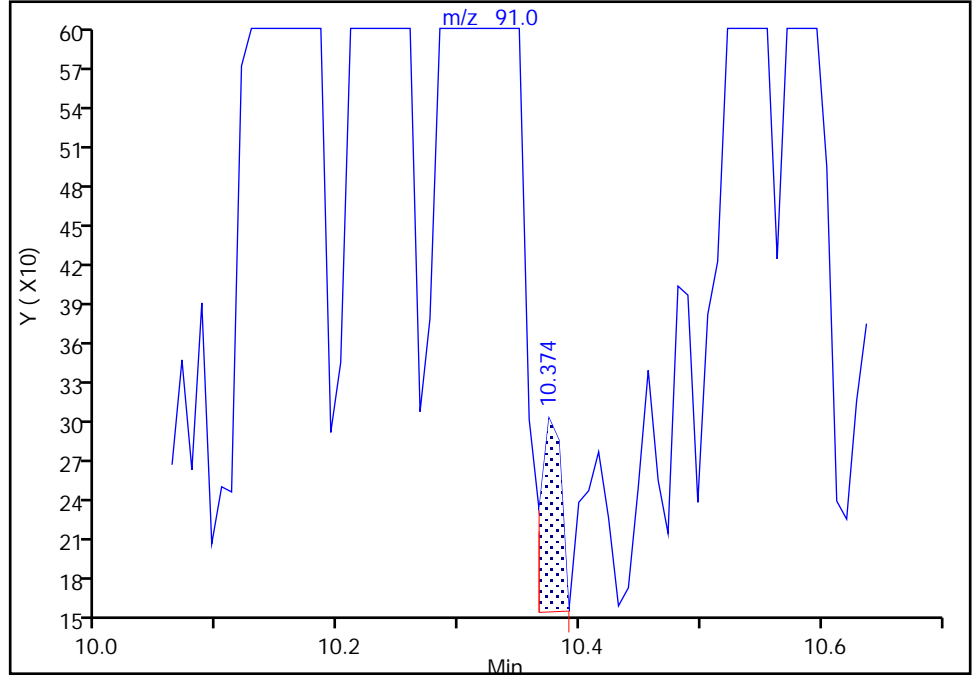
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003702.D
Injection Date: 24-Aug-2020 22:17:30 Instrument ID: CVOAMS6
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

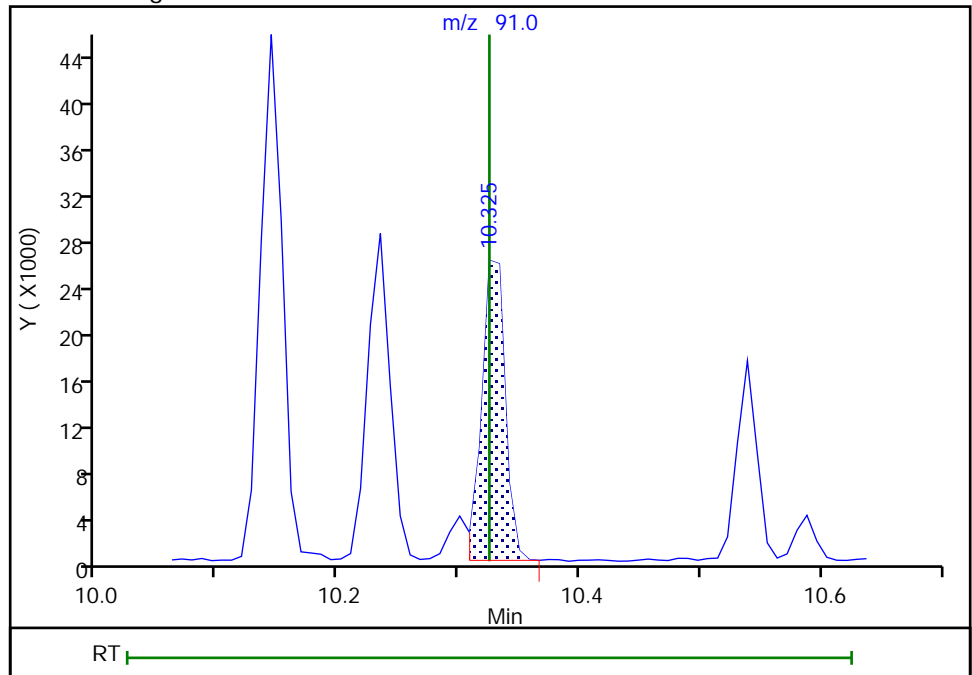
RT: 10.37
Area: 178
Amount: 0.024840
Amount Units: ug/l

Processing Integration Results



RT: 10.33
Area: 34859
Amount: 4.826785
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:26:05
Audit Action: Assigned Compound ID

Audit Reason: Assign Peak

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 24-Aug-2020 22:42:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0115680-006
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:37:12 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 25-Aug-2020 06:25:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.574	1.574	0.000	80	57223	20.0	21.7	
2 Chloromethane	50	1.738	1.738	0.000	99	75285	20.0	19.9	
3 Butadiene	54	1.820	1.820	0.000	98	67153	20.0	19.8	
4 Vinyl chloride	62	1.820	1.820	0.000	98	73168	20.0	19.4	
5 Bromomethane	94	2.092	2.092	0.000	99	48762	20.0	20.4	
6 Chloroethane	64	2.141	2.141	0.000	100	45436	20.0	19.1	
7 Dichlorofluoromethane	67	2.313	2.313	0.000	99	107654	20.0	19.3	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	96	84626	20.0	19.6	
9 Pentane	72	2.346	2.346	0.000	96	20580	40.0	38.2	
10 Ethyl ether	59	2.511	2.511	0.000	96	40435	20.0	21.2	M
11 Ethanol	46	2.511	2.511	0.000	69	10499	800.0	1263.7	
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	99	47559	20.0	21.2	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	88	34926	20.0	19.9	a
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	90	54921	20.0	20.7	a
15 Acrolein	56	2.675	2.675	0.000	31	5867	40.0	39.8	
16 112TCTFE	101	2.691	2.691	0.000	92	33389	20.0	18.1	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	98	35989	20.0	19.6	
18 Acetone	43	2.790	2.790	0.000	88	58491	100.0	91.3	
19 Iodomethane	142	2.872	2.872	0.000	97	62060	20.0	19.2	
20 Isopropyl alcohol	45	2.880	2.880	0.000	29	21677	200.0	187.8	
21 Carbon disulfide	76	2.922	2.922	0.000	100	140390	20.0	19.7	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	92	64166	20.0	17.2	a
23 Methyl acetate	43	3.020	3.020	0.000	97	67681	40.0	36.9	
24 Cyclopentene	67	3.028	3.028	0.000	94	94660	20.0	19.9	
25 Acetonitrile	41	3.094	3.094	0.000	73	57593	200.0	237.7	a
26 Methylene Chloride	84	3.143	3.143	0.000	94	42258	20.0	18.5	
* 27 TBA-d9 (IS)	65	3.143	3.143	0.000	0	240333	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.193	3.193	0.000	91	53369	200.0	198.9	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	96	101246	20.0	19.3	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	96	37066	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.382	3.382	0.000	94	175837	200.0	189.7	
32 Hexane	43	3.456	3.456	0.000	93	29199	20.0	19.8	
33 Isopropyl ether	45	3.661	3.661	0.000	92	111994	20.0	19.9	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	67413	20.0	19.7	
35 Vinyl acetate	86	3.702	3.702	0.000	99	20411	40.0	47.0	
36 2-Chloro-1,3-butadiene	88	3.735	3.735	0.000	91	34494	20.0	20.0	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	109044	20.0	20.1	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	250934	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.179	0.000	81	11678	20.0	18.8	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	95	39869	20.0	18.1	
41 Ethyl acetate	70	4.212	4.212	0.000	95	10209	40.0	42.4	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	96	29815	100.0	101.3	
43 Methyl acrylate	55	4.261	4.261	0.000	98	41233	20.0	20.6	
44 Propionitrile	54	4.335	4.335	0.000	98	70411	200.0	192.1	
45 Chlorobromomethane	128	4.409	4.409	0.000	93	19524	20.0	19.2	
46 Tetrahydrofuran	72	4.417	4.417	0.000	81	14550	40.0	40.6	
47 Methacrylonitrile	67	4.433	4.433	0.000	92	194198	200.0	191.8	
48 Chloroform	83	4.458	4.458	0.000	98	63439	20.0	19.1	
49 Cyclohexane	84	4.598	4.598	0.000	92	63531	20.0	20.0	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	98	57470	20.0	19.3	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	96	92870	50.0	49.6	
52 Carbon tetrachloride	117	4.721	4.721	0.000	96	48028	20.0	19.6	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	96	51472	20.0	19.8	
54 Isobutyl alcohol	43	4.869	4.869	0.000	87	37012	500.0	489.4	Ma
55 Benzene	78	4.943	4.943	0.000	96	152796	20.0	20.6	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	120908	50.0	49.2	a
57 Isopropyl acetate	43	5.000	5.000	0.000	93	126992	20.0	19.9	a
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	90	120640	20.0	20.4	
59 1,2-Dichloroethane	62	5.033	5.033	0.000	97	53215	20.0	19.6	
60 n-Heptane	57	5.099	5.099	0.000	88	26493	20.0	21.2	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	369469	50.0	50.0	
62 n-Butanol	56	5.518	5.518	0.000	86	35862	500.0	493.5	
63 Trichloroethene	95	5.567	5.567	0.000	97	37345	20.0	19.0	
64 Ethyl acrylate	55	5.691	5.691	0.000	95	101370	20.0	18.6	
65 Methylcyclohexane	83	5.699	5.699	0.000	78	66811	20.0	19.3	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	86	38604	20.0	19.0	
* 67 1,4-Dioxane-d8	96	5.912	5.912	0.000	0	21263	1000.0	1000.0	
68 Methyl methacrylate	100	5.937	5.937	0.000	86	23952	40.0	38.9	
69 Dibromomethane	93	5.986	5.986	0.000	95	25025	20.0	17.9	
70 n-Propyl acetate	43	5.986	5.986	0.000	97	56028	20.0	17.9	
71 1,4-Dioxane	88	5.986	5.986	0.000	32	8160	400.0	448.4	
72 Dichlorobromomethane	83	6.126	6.126	0.000	99	50289	20.0	19.7	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	66	23918	20.0	17.9	
74 2-Nitropropane	41	6.463	6.463	0.000	85	29597	40.0	38.6	
75 Epichlorohydrin	57	6.570	6.570	0.000	98	94366	400.0	402.6	
76 cis-1,3-Dichloropropene	75	6.627	6.627	0.000	95	61022	20.0	19.4	a
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	96	229723	100.0	100.7	a
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	99	381697	50.0	51.6	
79 Toluene	91	6.948	6.948	0.000	93	163168	20.0	20.5	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	98	56318	20.0	19.6	
81 Ethyl methacrylate	69	7.326	7.326	0.000	89	57427	20.0	19.8	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	94	29475	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	94	33452	20.0	20.2	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	94	59202	20.0	20.7	
85 2-Hexanone	43	7.778	7.778	0.000	95	143707	100.0	94.7	
86 n-Butyl acetate	43	7.893	7.893	0.000	98	64883	20.0	19.6	
87 Chlorodibromomethane	129	7.934	7.934	0.000	97	34841	20.0	19.5	
88 Ethylene Dibromide	107	8.090	8.090	0.000	97	34219	20.0	19.6	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.000	87	258755	50.0	50.0	a
90 Chlorobenzene	112	8.673	8.673	0.000	94	99303	20.0	20.0	
91 Ethylbenzene	106	8.780	8.780	0.000	99	57429	20.0	20.6	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	94	38070	20.0	20.9	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	71354	20.0	20.8	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	36667	20.0	20.0	
95 o-Xylene	106	9.413	9.413	0.000	92	71485	20.0	20.0	
96 Styrene	104	9.446	9.446	0.000	95	115735	20.0	20.1	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	91	84093	20.0	18.7	
98 Bromoform	173	9.651	9.651	0.000	92	25443	20.0	19.6	
99 Isopropylbenzene	105	9.774	9.774	0.000	96	179554	20.0	20.5	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	85	110301	50.0	50.8	
101 Bromobenzene	156	10.078	10.078	0.000	97	41375	20.0	18.7	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	98	53033	20.0	20.5	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	228023	20.0	19.8	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	98	16068	20.0	18.5	a
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	79	14983	20.0	19.4	a
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	151739	20.0	19.6	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	97	183894	20.0	19.6	a
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	93	152009	20.0	19.6	
109 4-Chlorotoluene	91	10.325	10.325	0.000	97	138729	20.0	20.0	a
110 Butyl Methacrylate	87	10.382	10.382	0.000	91	64755	20.0	19.6	
111 tert-Butylbenzene	119	10.539	10.539	0.000	93	122742	20.0	19.7	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	98	162274	20.0	19.6	
113 sec-Butylbenzene	105	10.703	10.703	0.000	98	194608	20.0	19.5	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	93	84780	20.0	19.4	a
115 4-Isopropyltoluene	119	10.802	10.802	0.000	98	168862	20.0	19.5	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	96	146133	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	94	83487	20.0	19.3	a
118 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	98	165710	20.0	19.2	
119 Benzyl chloride	91	10.974	10.974	0.000	98	100207	20.0	19.8	
120 2,3-Dihydroindene	117	11.023	11.023	0.000	94	169039	20.0	19.9	
121 p-Diethylbenzene	119	11.064	11.064	0.000	93	91301	20.0	20.1	
122 n-Butylbenzene	92	11.081	11.081	0.000	97	92916	20.0	20.0	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	94	88033	20.0	20.0	a
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	166598	20.0	18.9	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.615	0.000	96	12823	20.0	20.0	
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	96	66432	20.0	19.3	
127 1,2,4-Trichlorobenzene	180	12.083	12.083	0.000	94	65028	20.0	19.0	
128 Hexachlorobutadiene	225	12.157	12.157	0.000	92	22748	20.0	17.5	
129 Naphthalene	128	12.256	12.256	0.000	99	186804	20.0	19.6	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	94	60089	20.0	18.8	
S 131 1,2-Dichloroethene, Total	100				0		40.0	36.9	
S 132 Xylenes, Total	100				0		40.0	40.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00382	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D

Injection Date: 24-Aug-2020 22:42:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

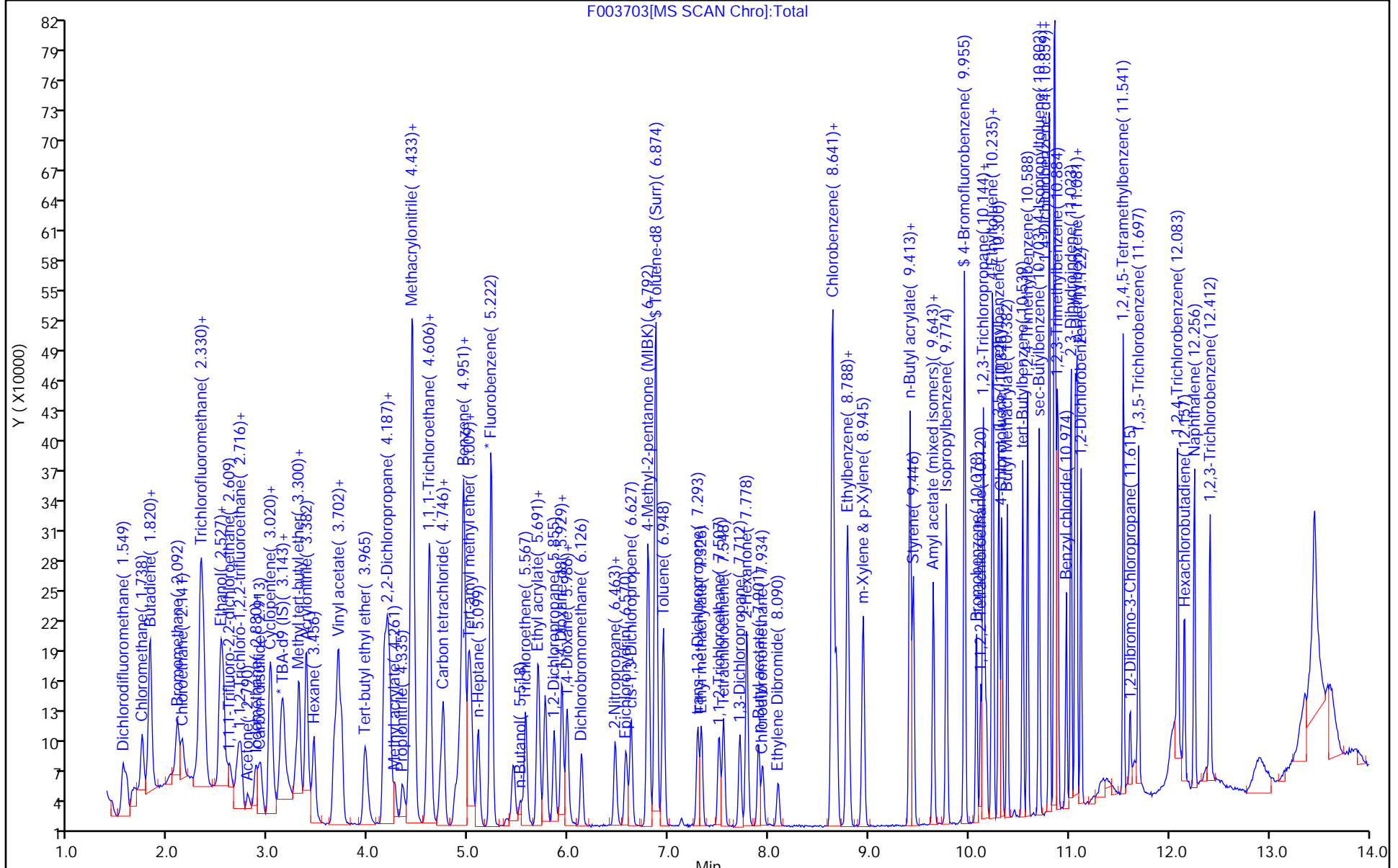
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



F003703[MS SCAN Chrom]:Total

Eurofins TestAmerica, Edison

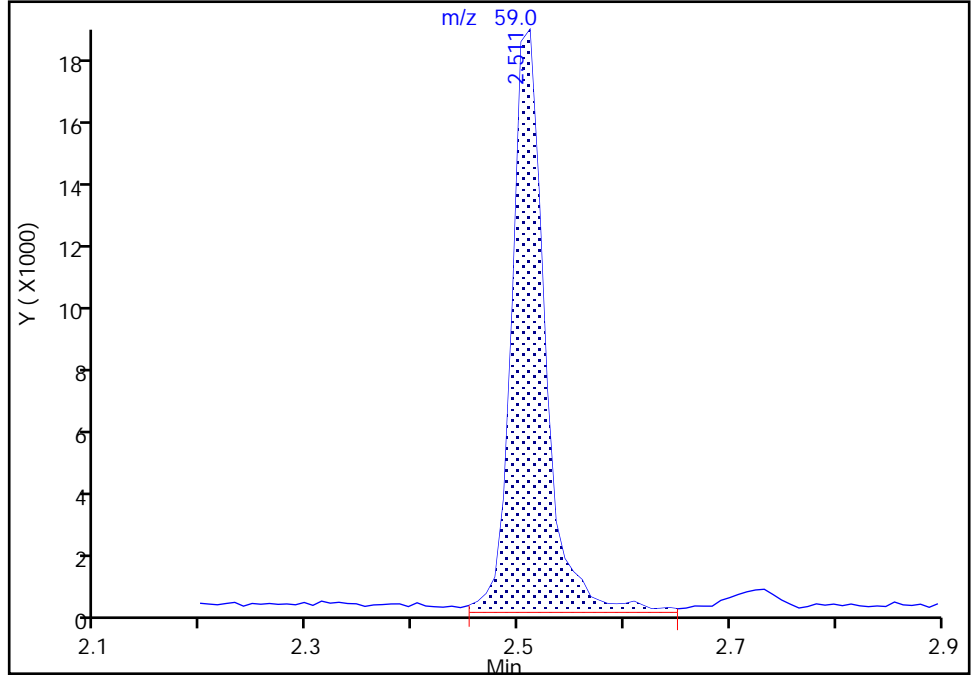
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Ethyl ether, CAS: 60-29-7

Signal: 1

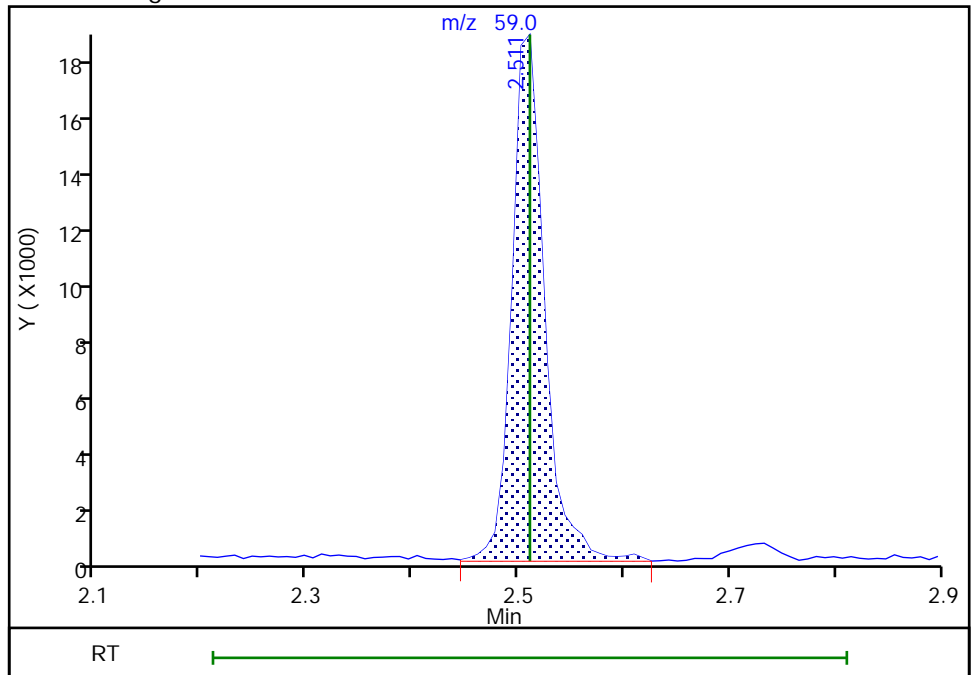
RT: 2.51
Area: 41765
Amount: 30.783995
Amount Units: ug/l

Processing Integration Results



RT: 2.51
Area: 40435
Amount: 21.168518
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:10:34
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 432 of 728

Eurofins TestAmerica, Edison

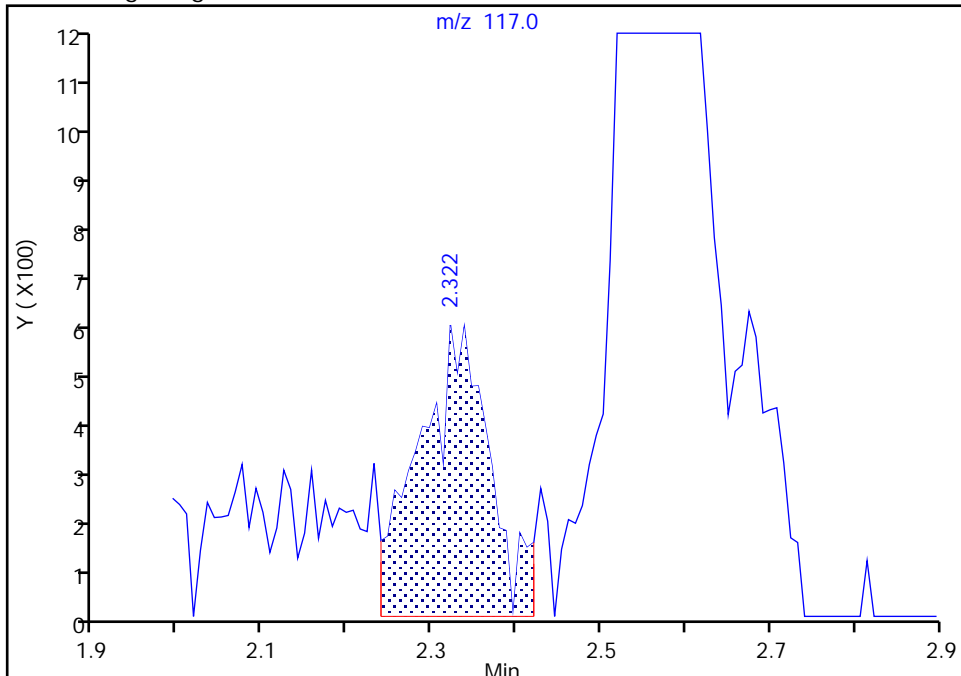
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

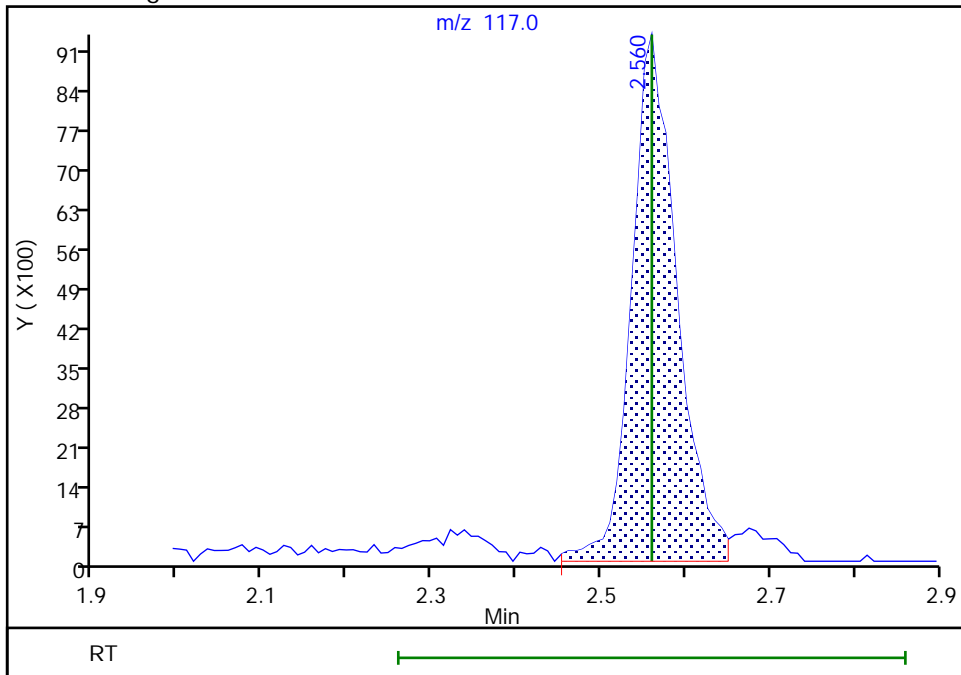
RT: 2.32
Area: 3289
Amount: 3.289711
Amount Units: ug/l

Processing Integration Results



RT: 2.56
Area: 34926
Amount: 19.949972
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:07:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

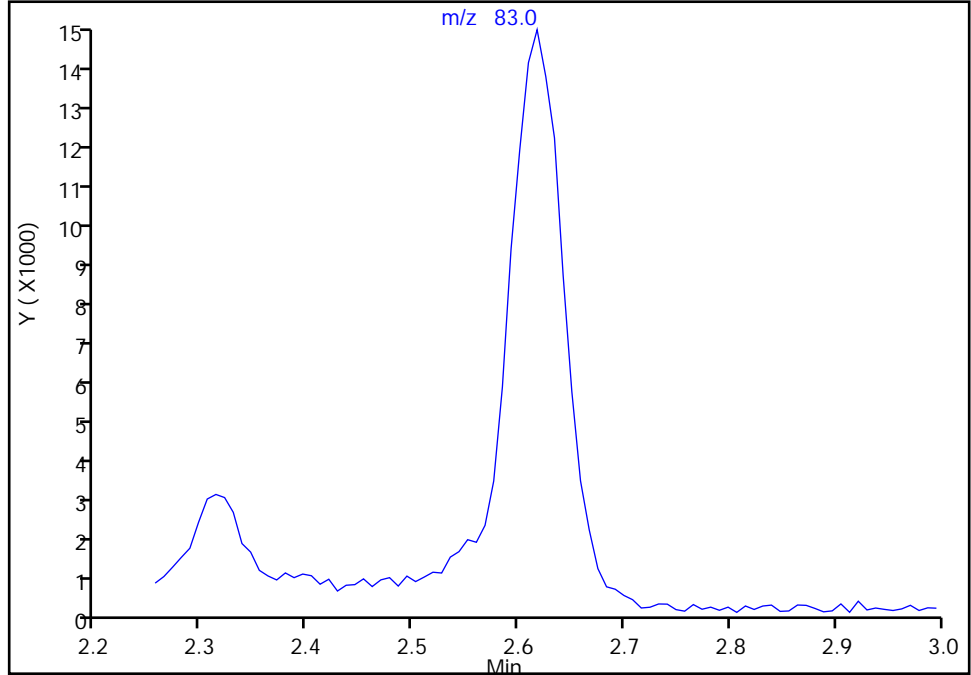
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

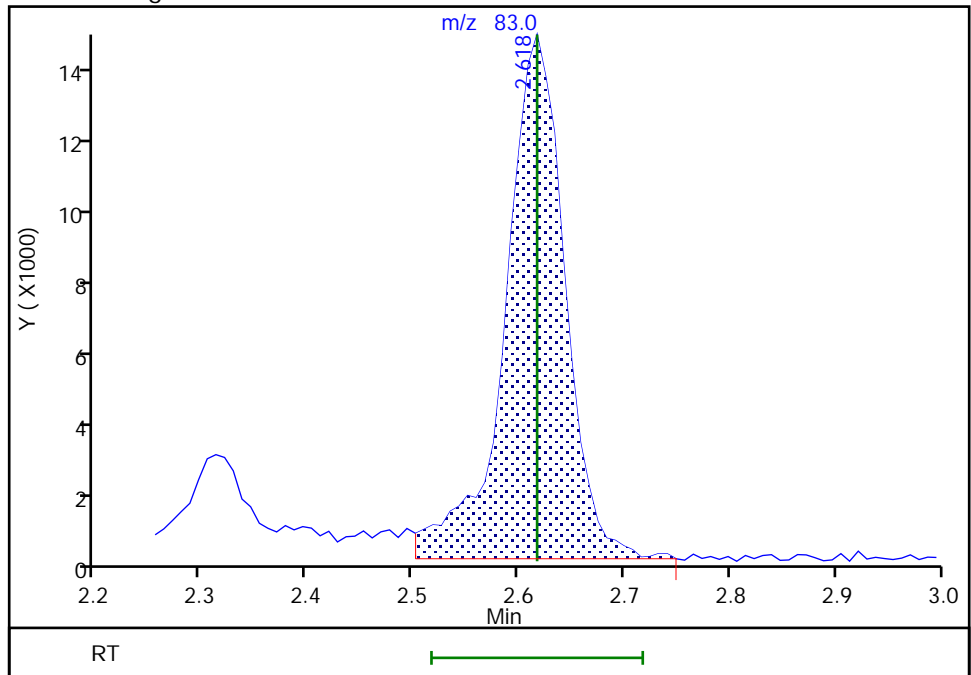
Not Detected
Expected RT: 2.62

Processing Integration Results



Manual Integration Results

RT: 2.62
Area: 54921
Amount: 20.659663
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:26:48
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

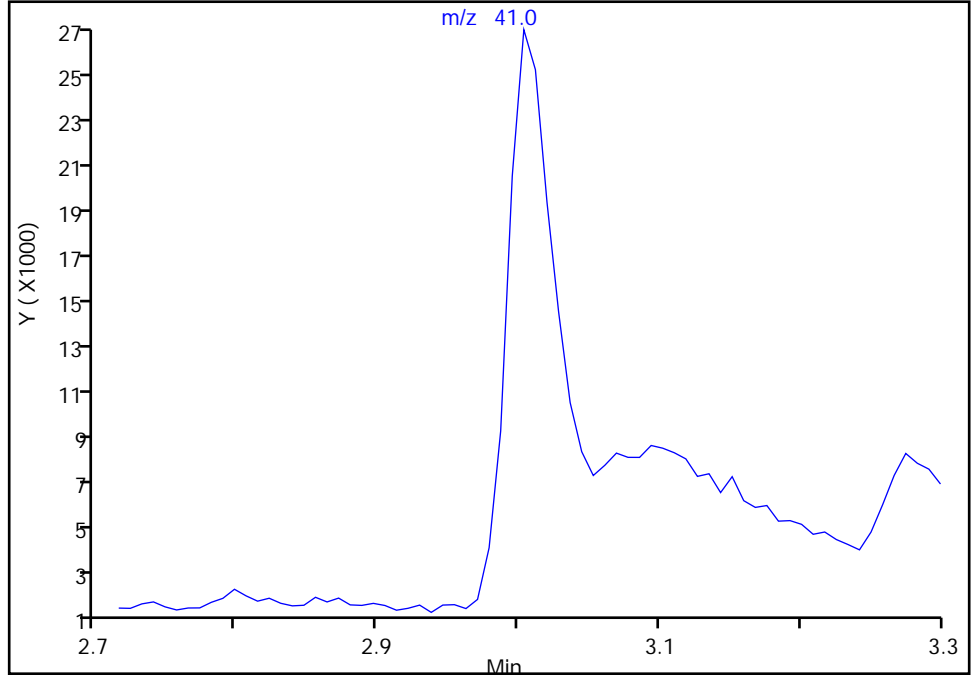
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

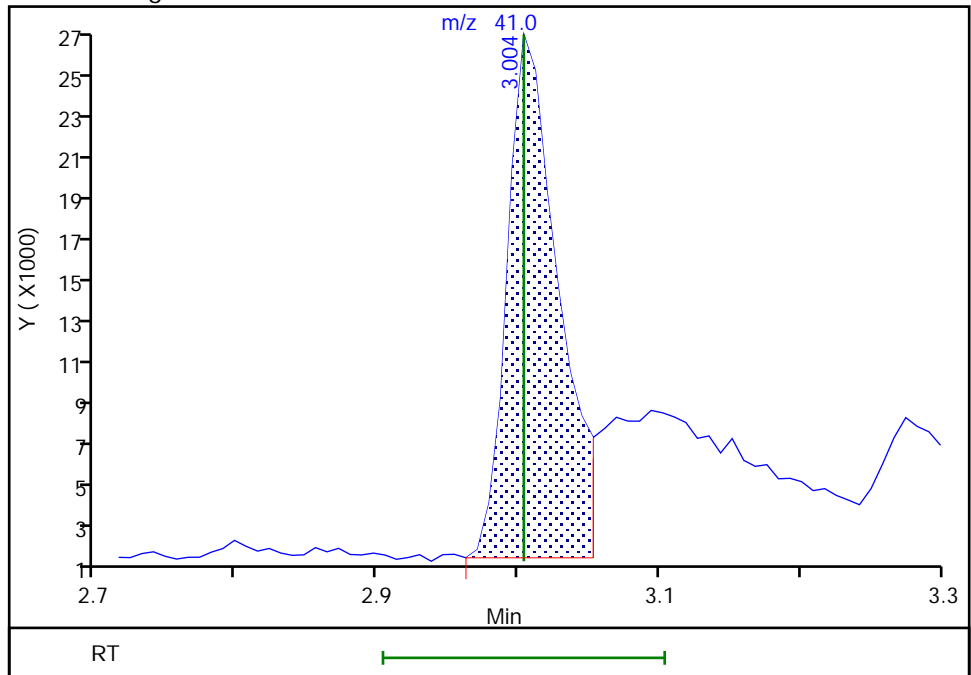
Not Detected
Expected RT: 3.00

Processing Integration Results



Manual Integration Results

RT: 3.00
Area: 64166
Amount: 17.195106
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:07:29
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

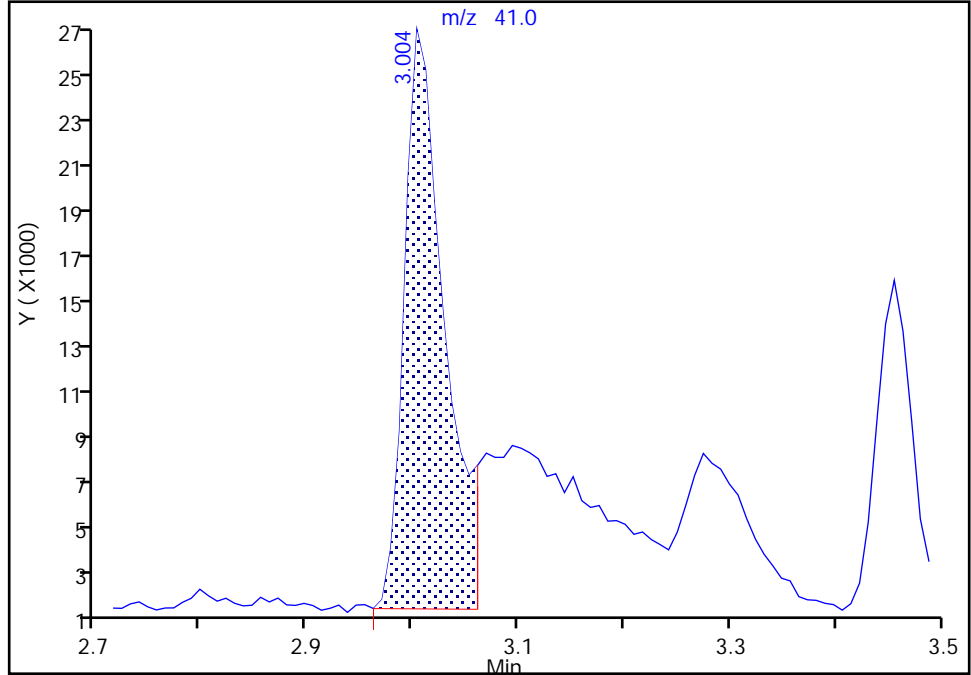
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

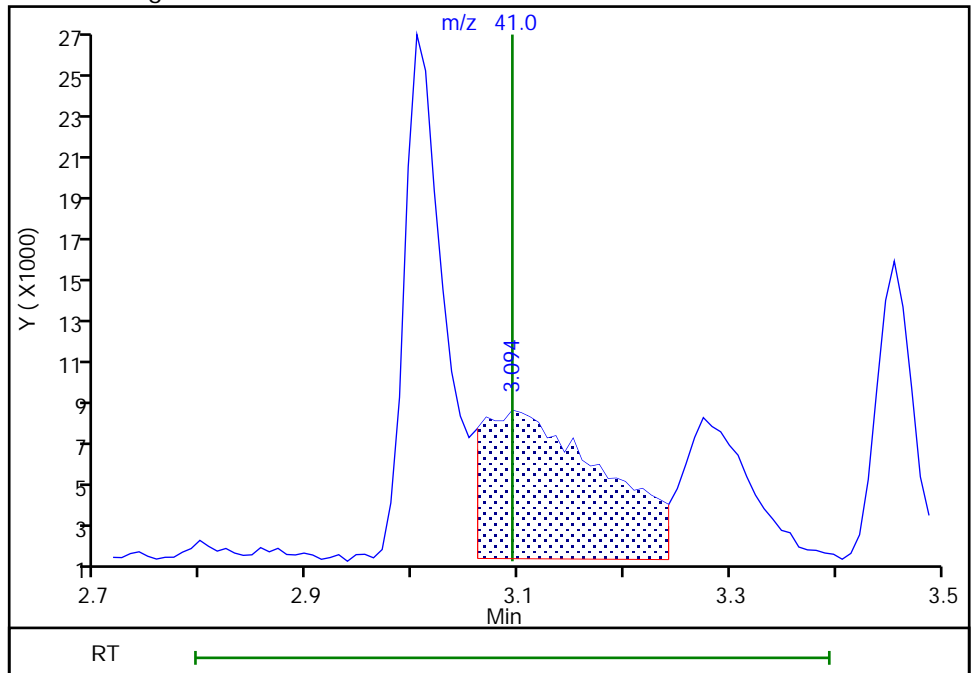
RT: 3.00
Area: 67333
Amount: 149.5392
Amount Units: ug/l

Processing Integration Results



RT: 3.09
Area: 57593
Amount: 237.6562
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:15:20
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

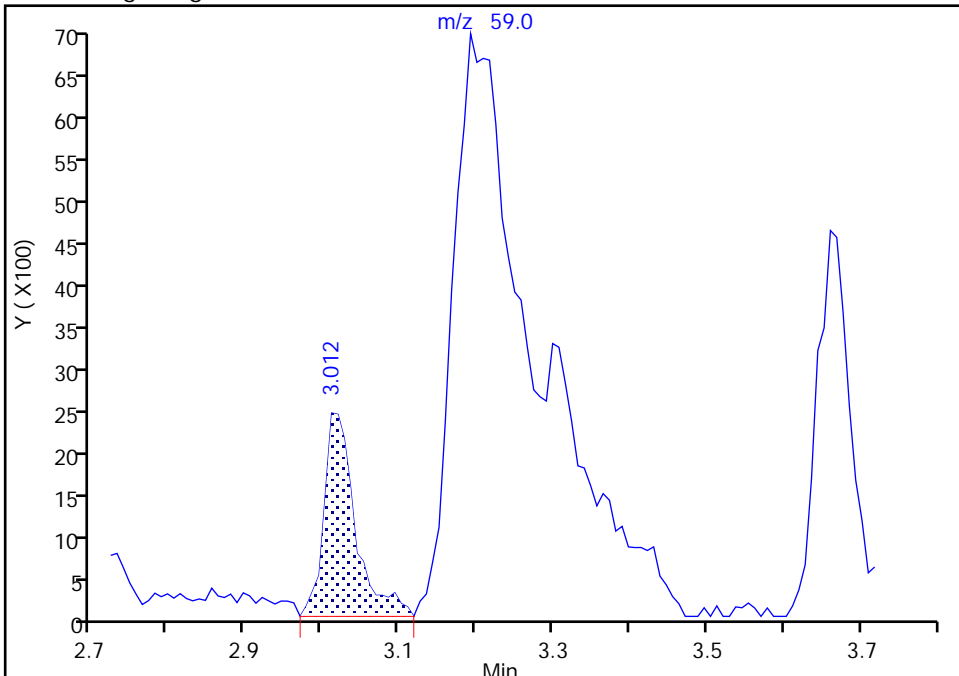
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

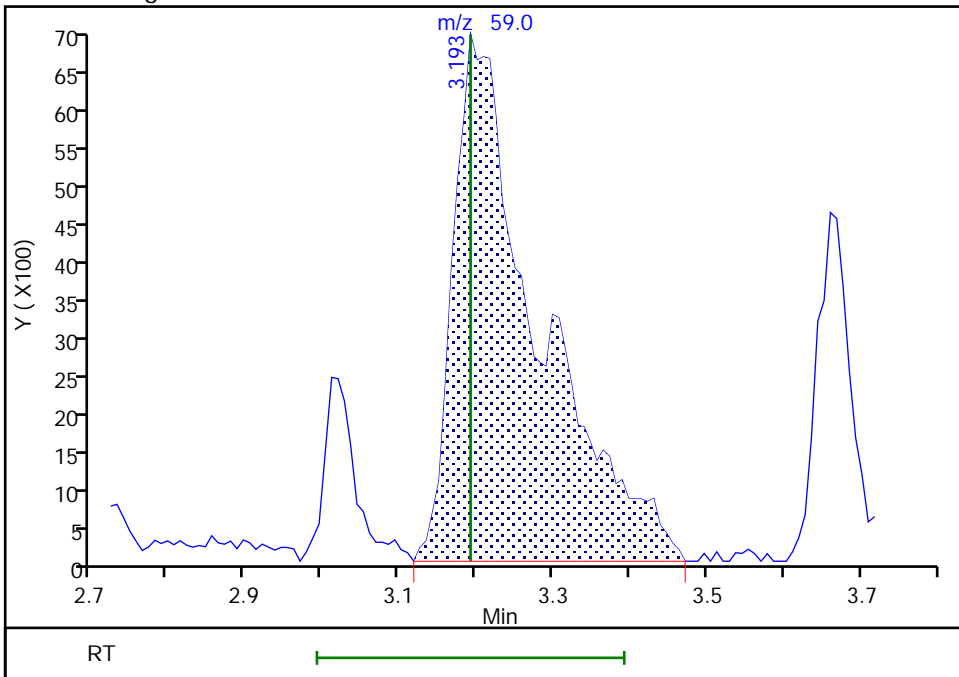
RT: 3.01
Area: 6873
Amount: 196.6467
Amount Units: ug/l

Processing Integration Results



RT: 3.19
Area: 53369
Amount: 198.8983
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:07:24
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

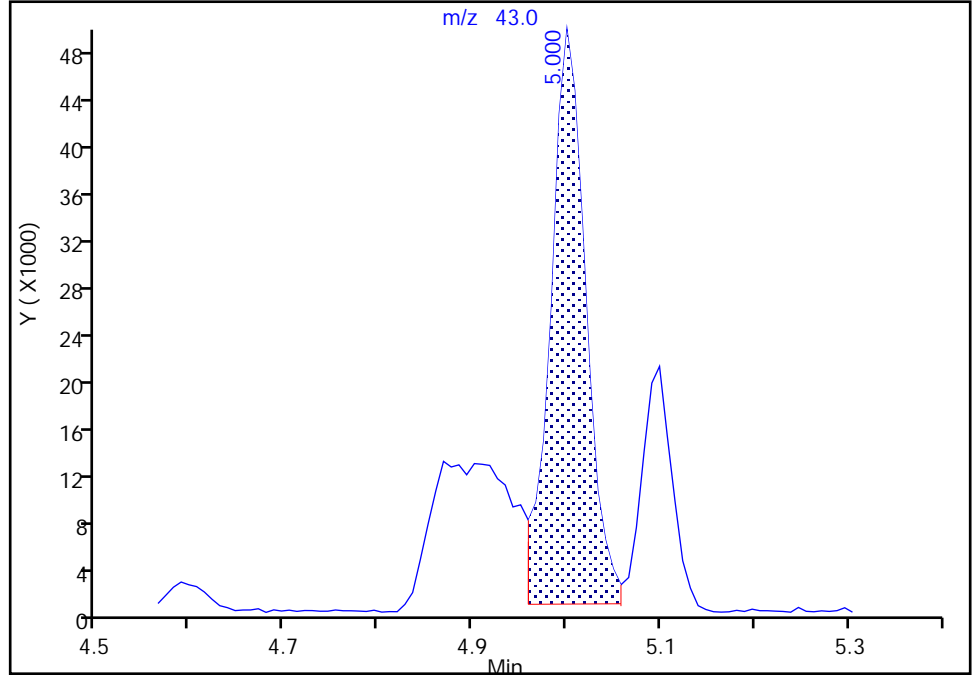
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

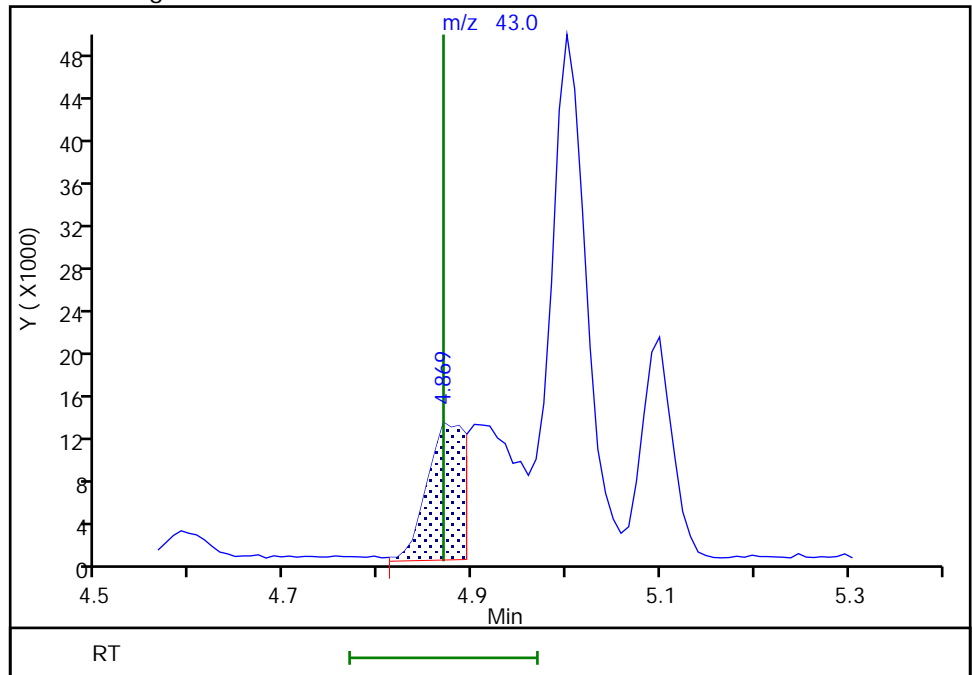
RT: 5.00
Area: 125755
Amount: 485.6786
Amount Units: ug/l

Processing Integration Results



RT: 4.87
Area: 37012
Amount: 489.3800
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Aug-2020 20:06:01
Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

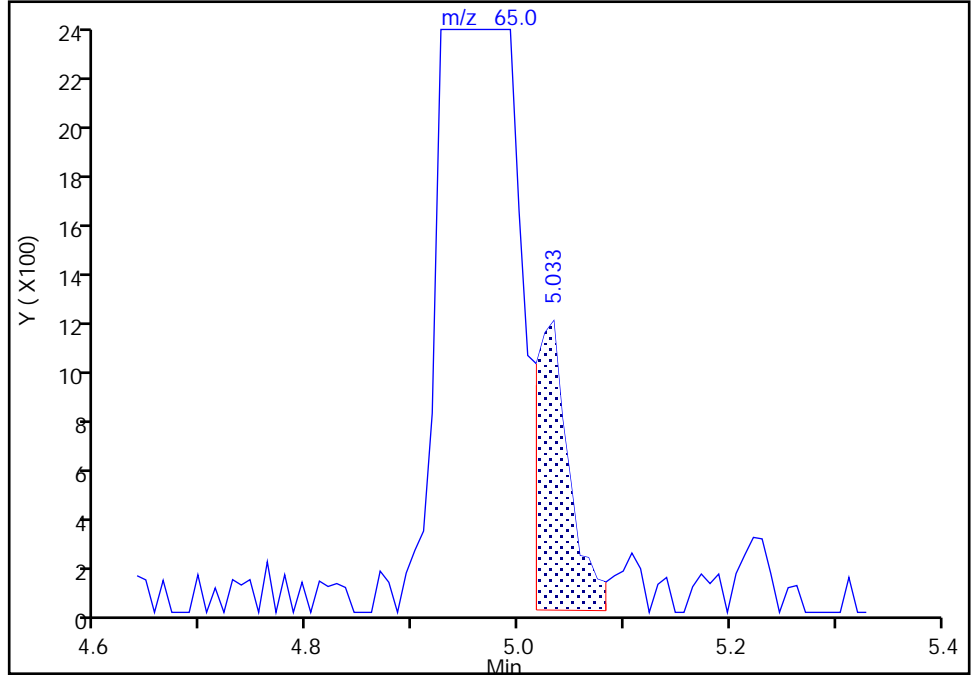
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
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

\$ 56 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0
Signal: 1

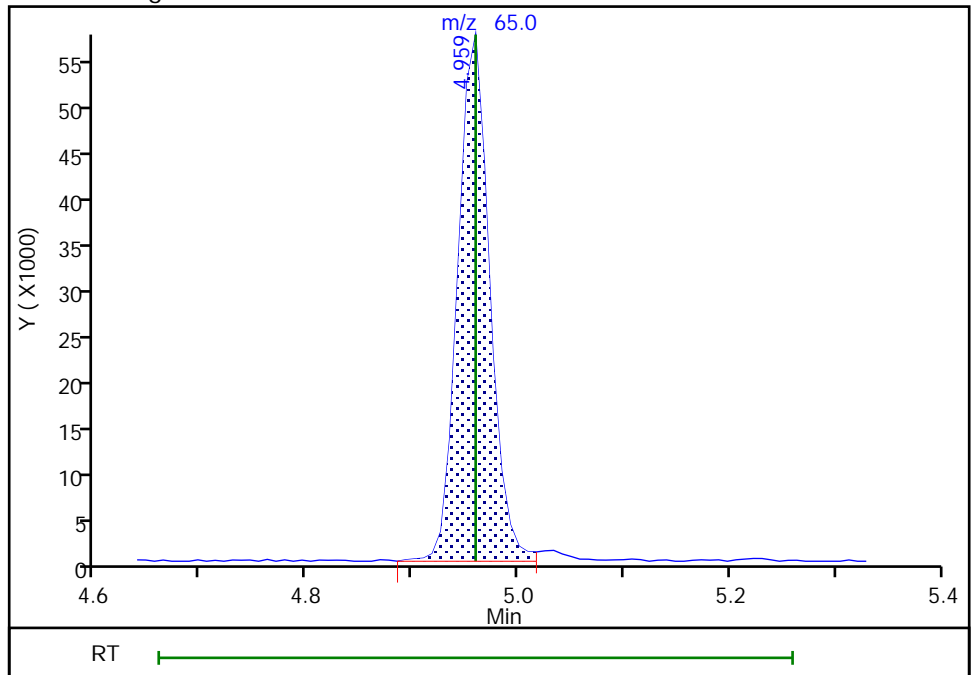
RT: 5.03
Area: 2620
Amount: 1.811400
Amount Units: ug/l

Processing Integration Results



RT: 4.96
Area: 120908
Amount: 49.245857
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 06:25:00
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

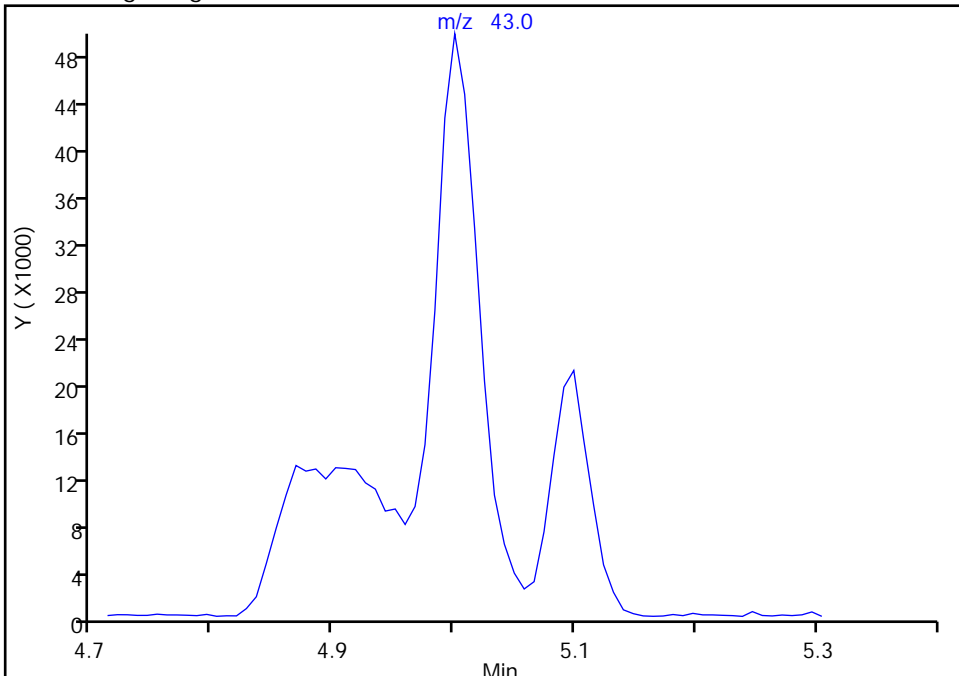
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

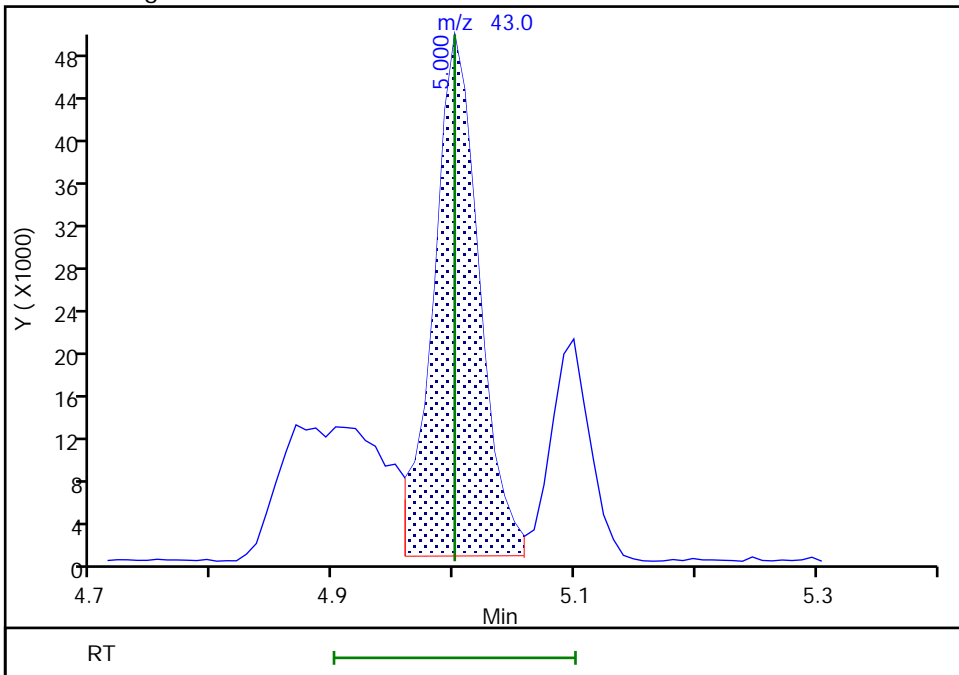
Not Detected
Expected RT: 5.00

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 126992
Amount: 19.880075
Amount Units: ug/l



Eurofins TestAmerica, Edison

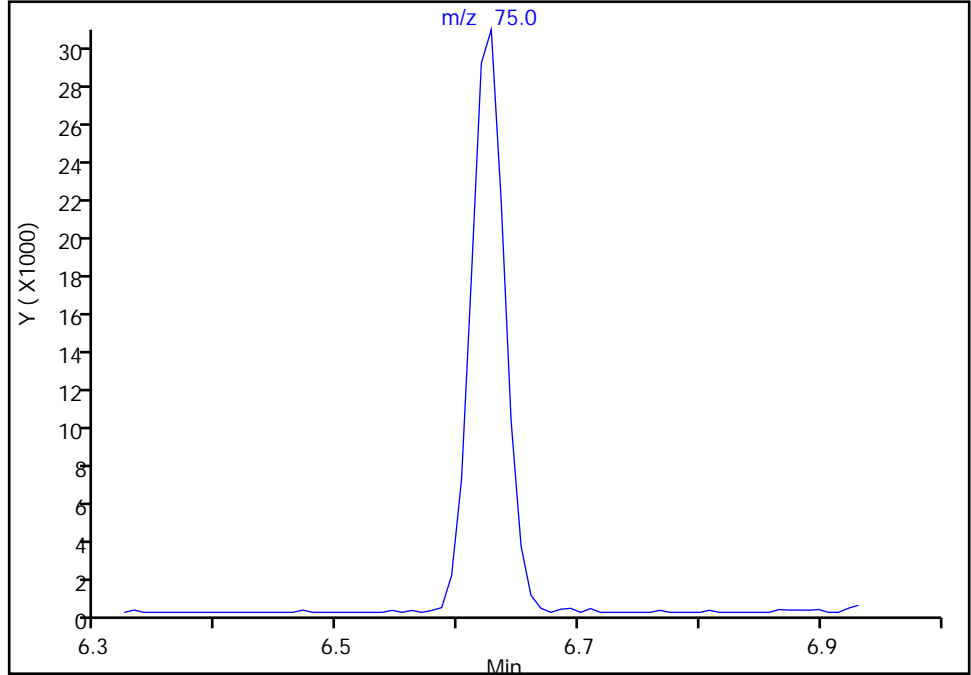
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

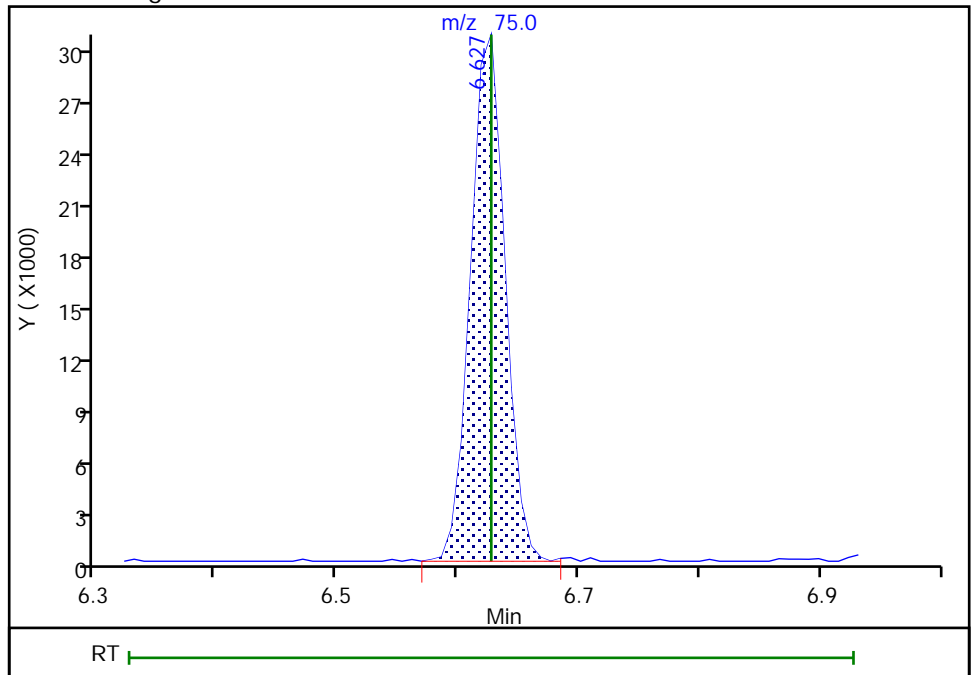
Not Detected
Expected RT: 6.63

Processing Integration Results



Manual Integration Results

RT: 6.63
Area: 61022
Amount: 19.423304
Amount Units: ug/l



Eurofins TestAmerica, Edison

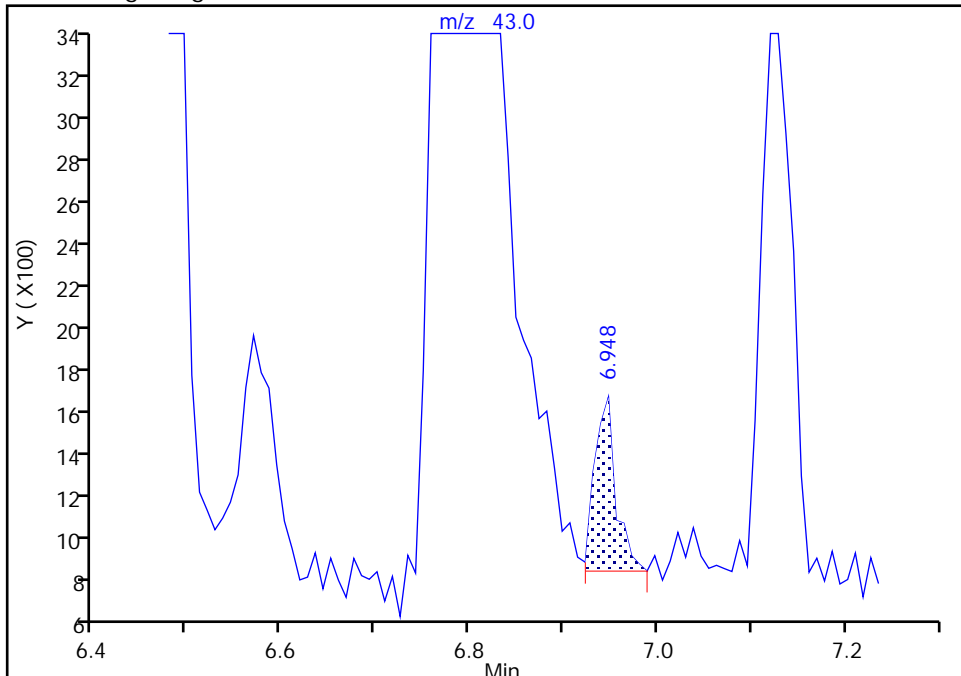
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

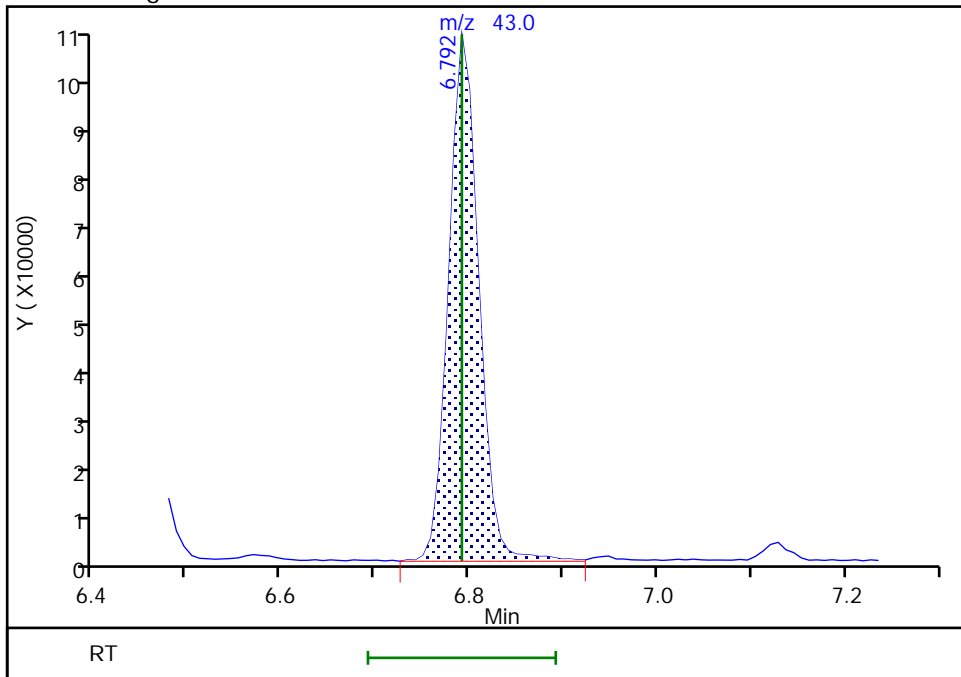
RT: 6.95
Area: 1263
Amount: 29.854966
Amount Units: ug/l

Processing Integration Results



RT: 6.79
Area: 229723
Amount: 100.7015
Amount Units: ug/l

Manual Integration Results



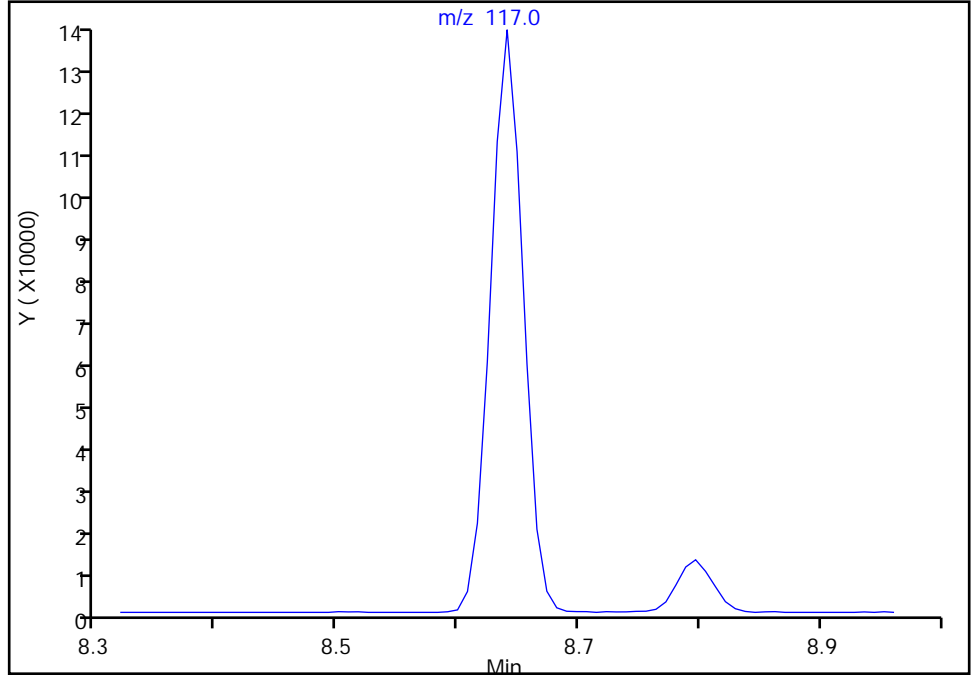
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
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

* 89 Chlorobenzene-d5, CAS: 3114-55-4
Signal: 1

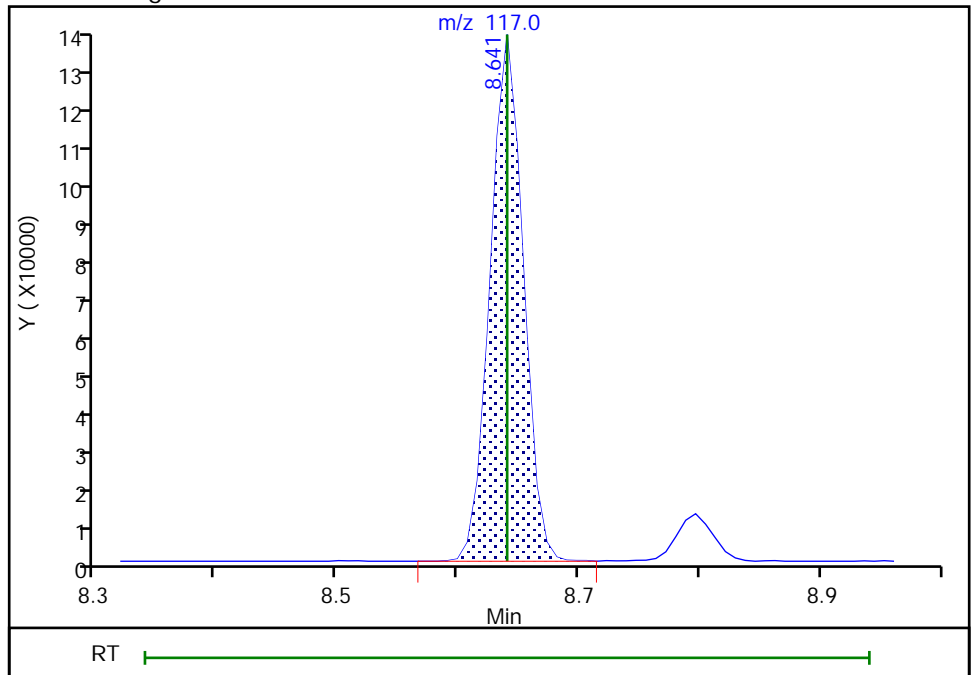
Not Detected
Expected RT: 8.64

Processing Integration Results



Manual Integration Results

RT: 8.64
Area: 258755
Amount: 50.000000
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 06:24:52
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

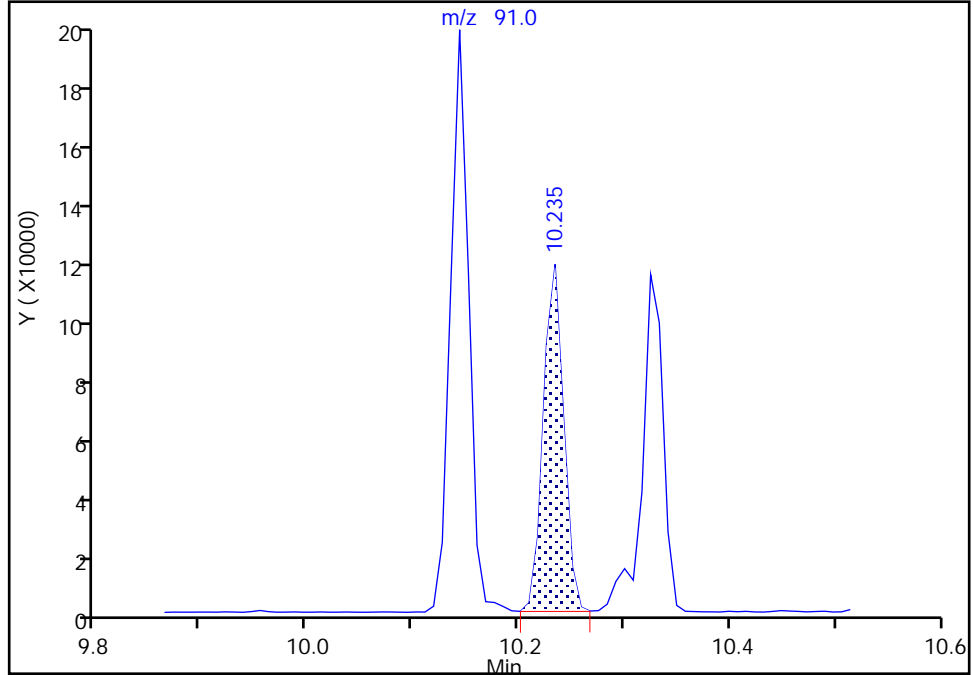
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

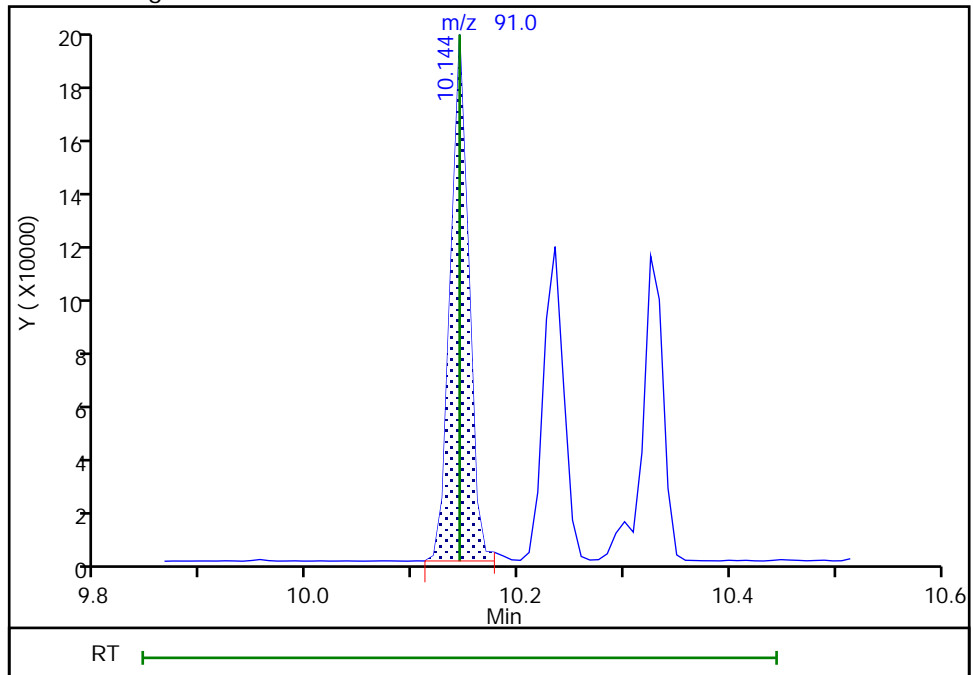
RT: 10.23
Area: 150747
Amount: 19.356251
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 228023
Amount: 19.835921
Amount Units: ug/l

Manual Integration Results



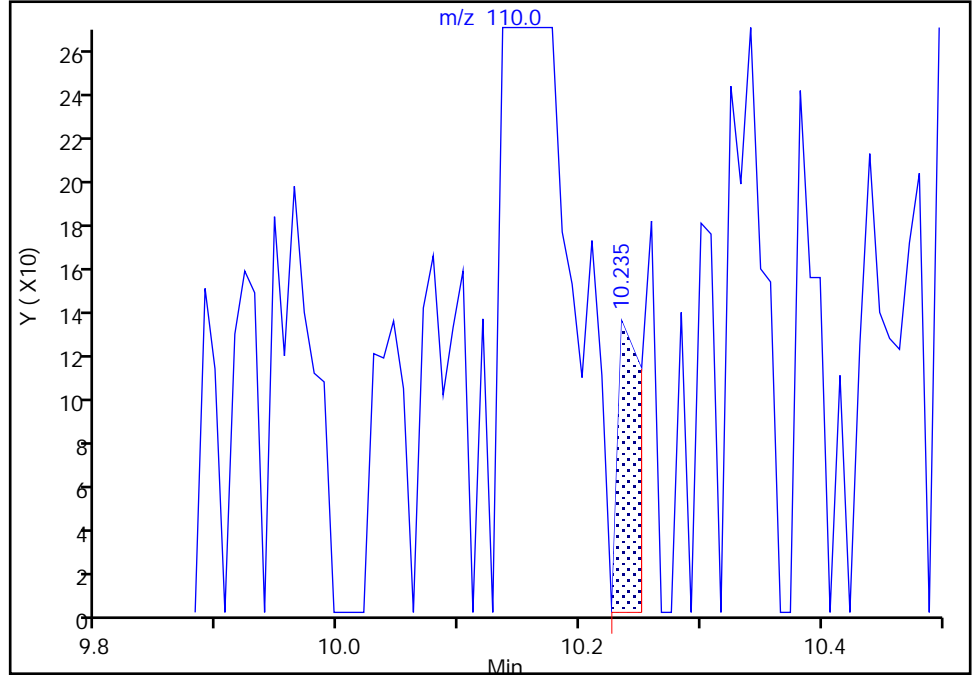
Euofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
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

104 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

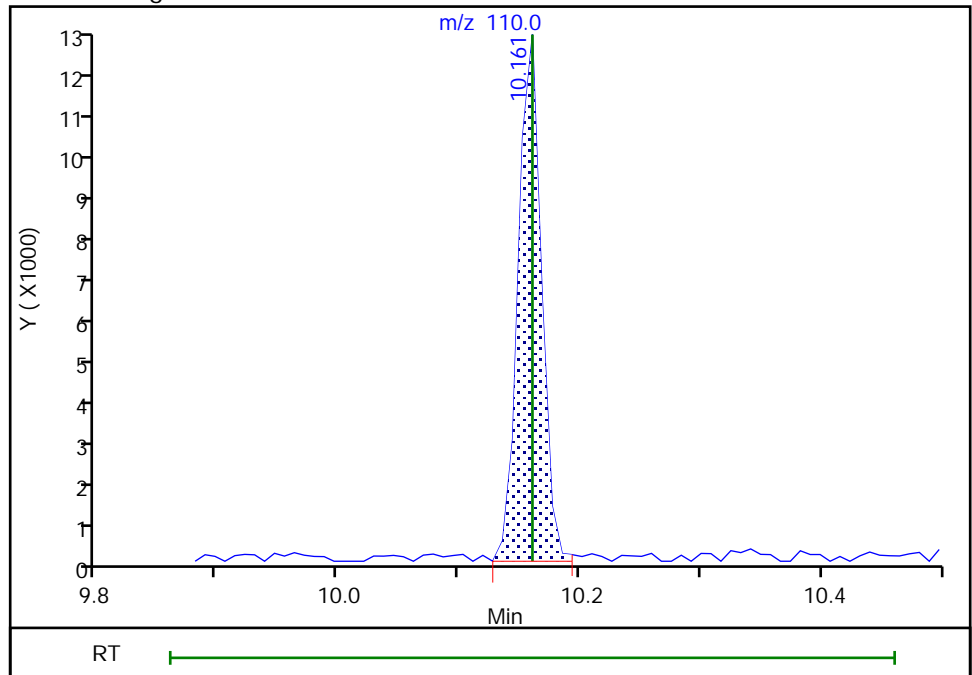
RT: 10.23
Area: 182
Amount: 0.386717
Amount Units: ug/l

Processing Integration Results



RT: 10.16
Area: 16068
Amount: 18.526807
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

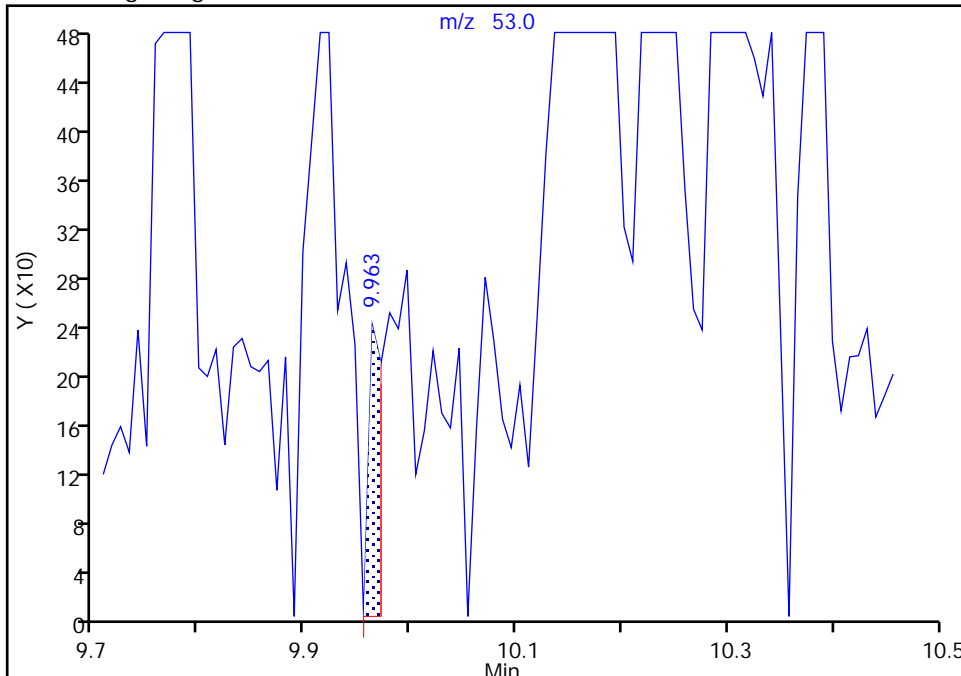
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

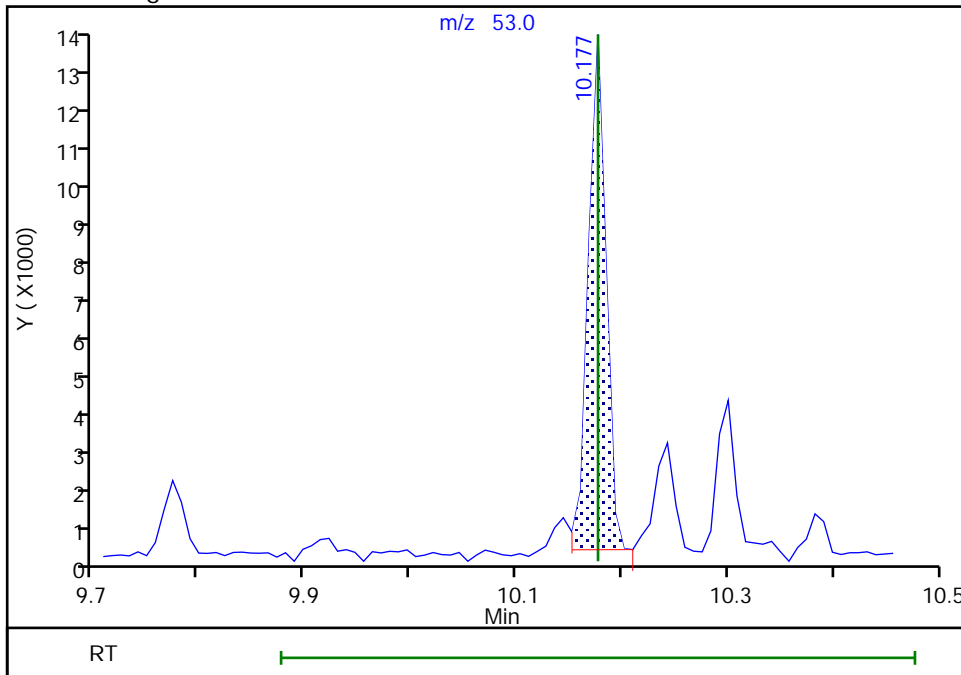
RT: 9.96
Area: 219
Amount: 2.401050
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 14983
Amount: 19.378458
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

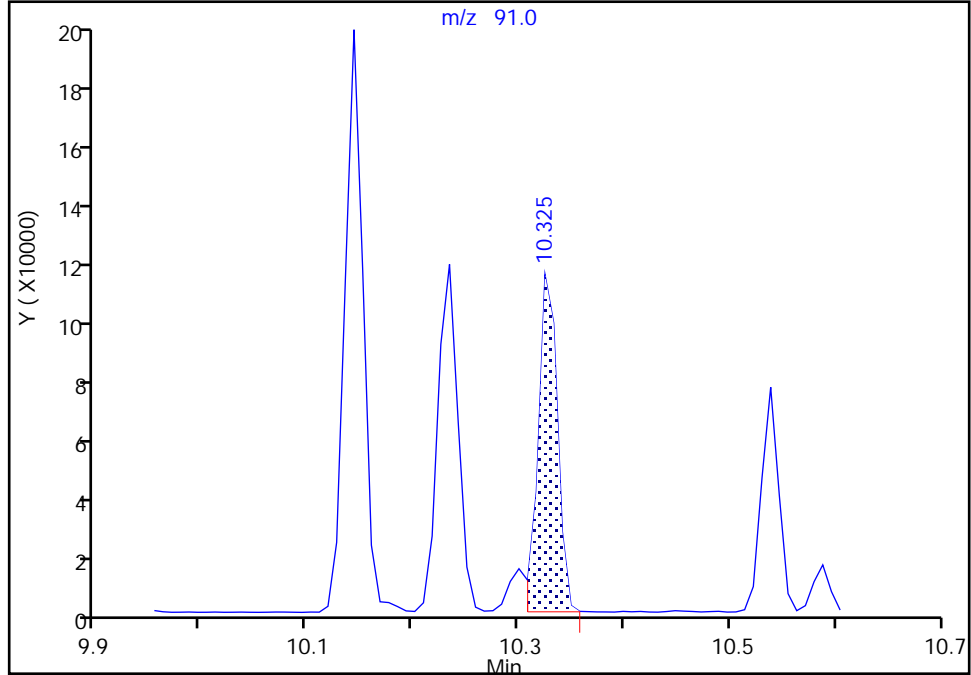
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

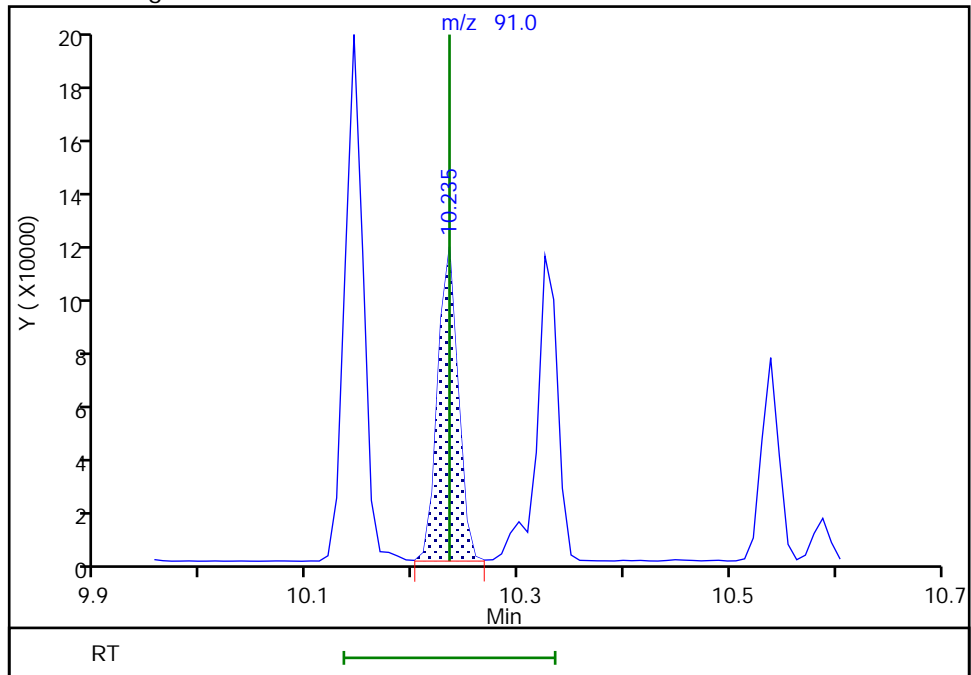
RT: 10.32
Area: 138943
Amount: 20.032379
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 151739
Amount: 19.599984
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:33:55
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

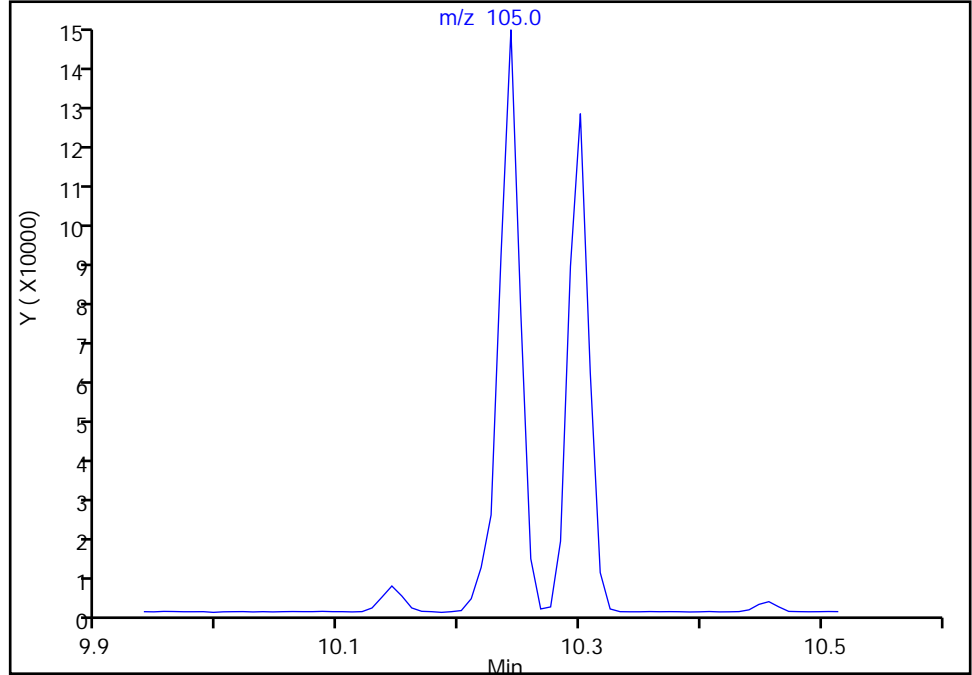
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

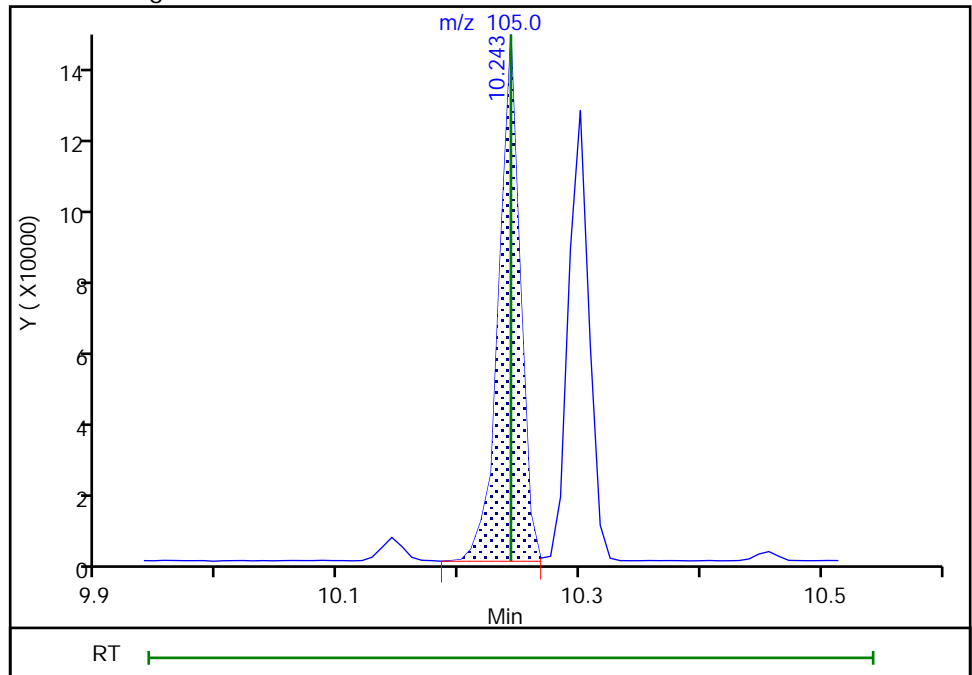
Not Detected
Expected RT: 10.24

Processing Integration Results



Manual Integration Results

RT: 10.24
Area: 183894
Amount: 19.628732
Amount Units: ug/l



Eurofins TestAmerica, Edison

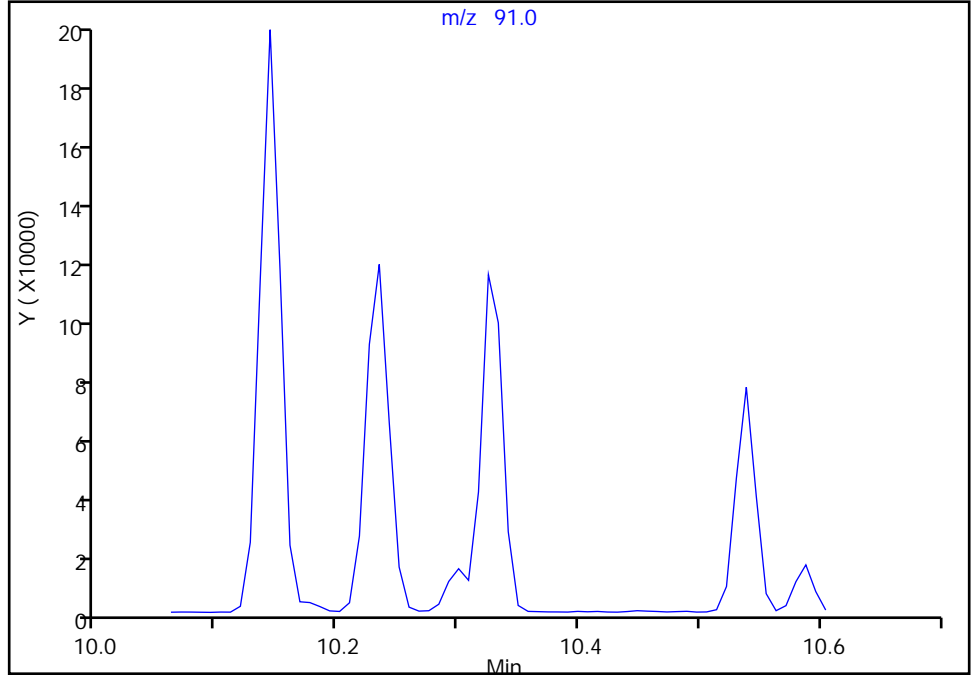
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

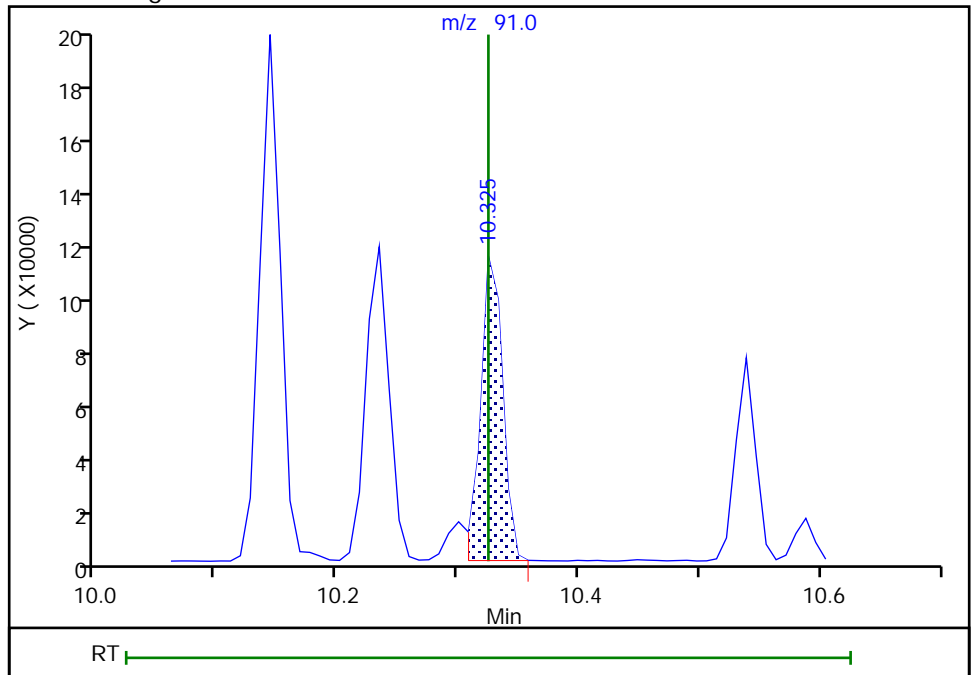
Not Detected
Expected RT: 10.32

Processing Integration Results



Manual Integration Results

RT: 10.32
Area: 138729
Amount: 20.016745
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:09:40
Audit Action: Assigned Compound ID

Audit Reason: Assign Peak
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Eurofins TestAmerica, Edison

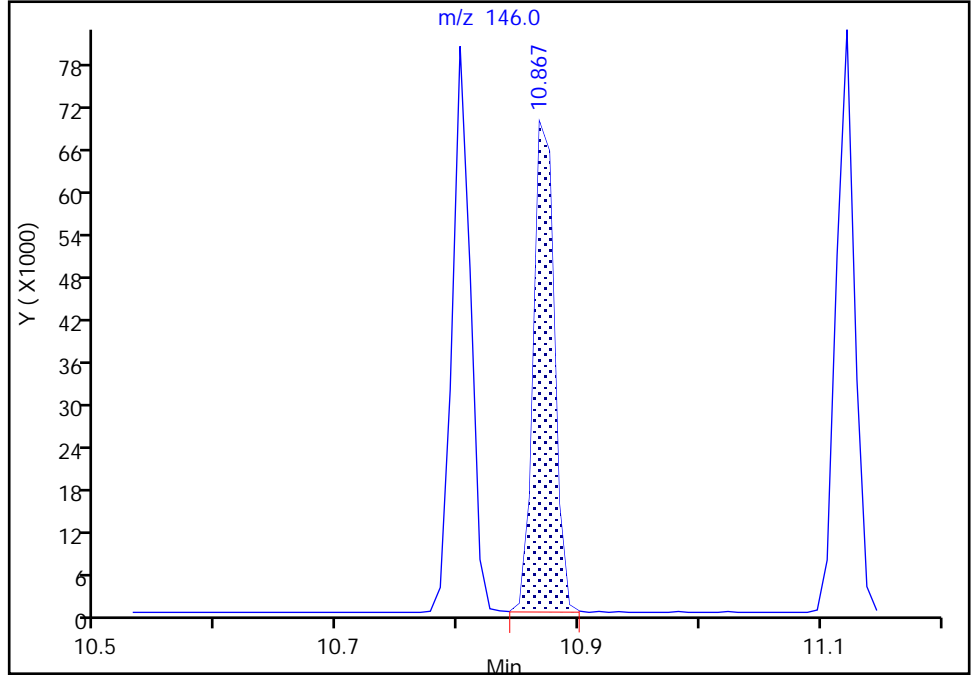
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

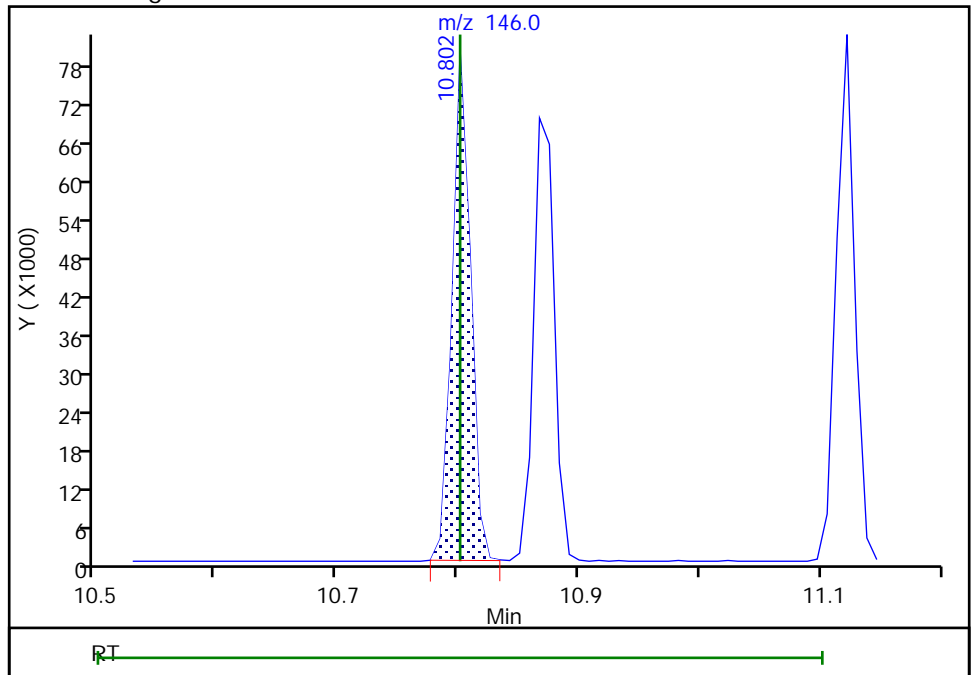
RT: 10.87
Area: 83487
Amount: 19.400059
Amount Units: ug/l

Processing Integration Results



RT: 10.80
Area: 84780
Amount: 19.355322
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

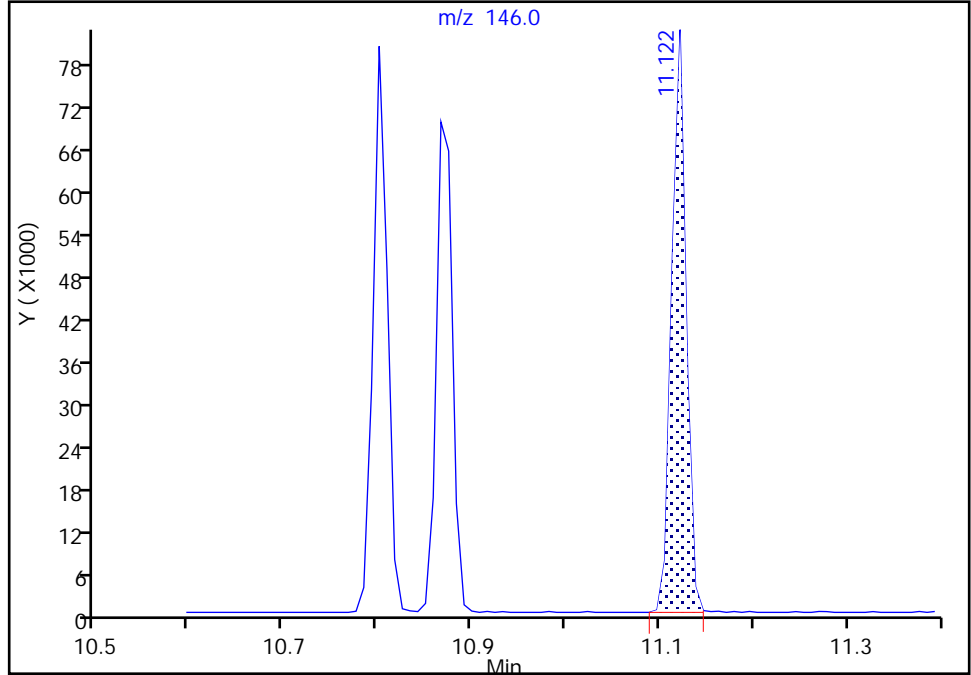
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003703.D
Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

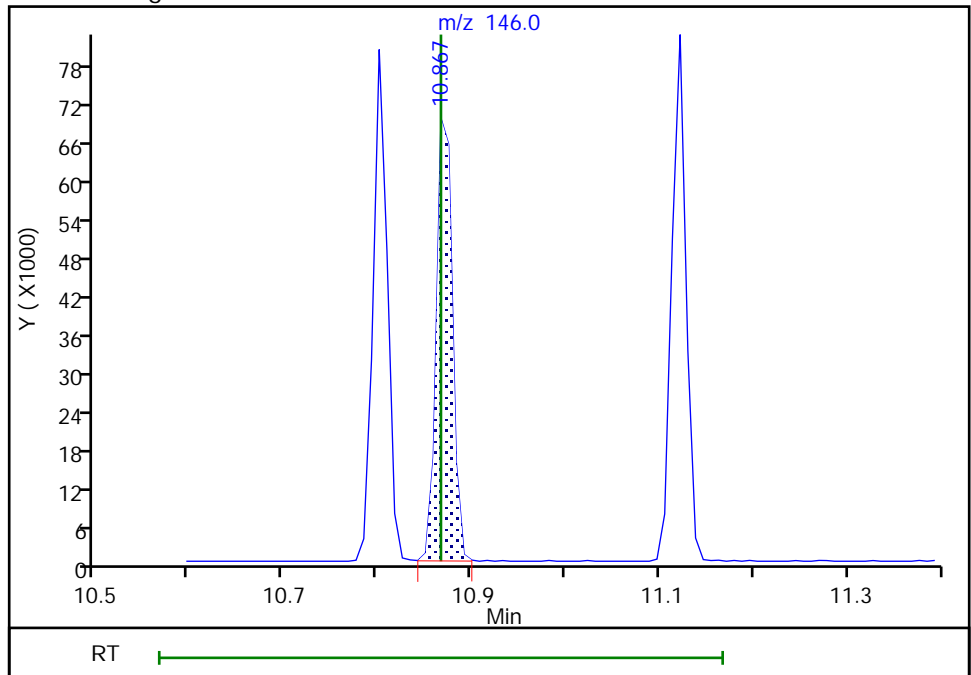
RT: 11.12
Area: 87978
Amount: 20.124774
Amount Units: ug/l

Processing Integration Results



RT: 10.87
Area: 83487
Amount: 19.323352
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

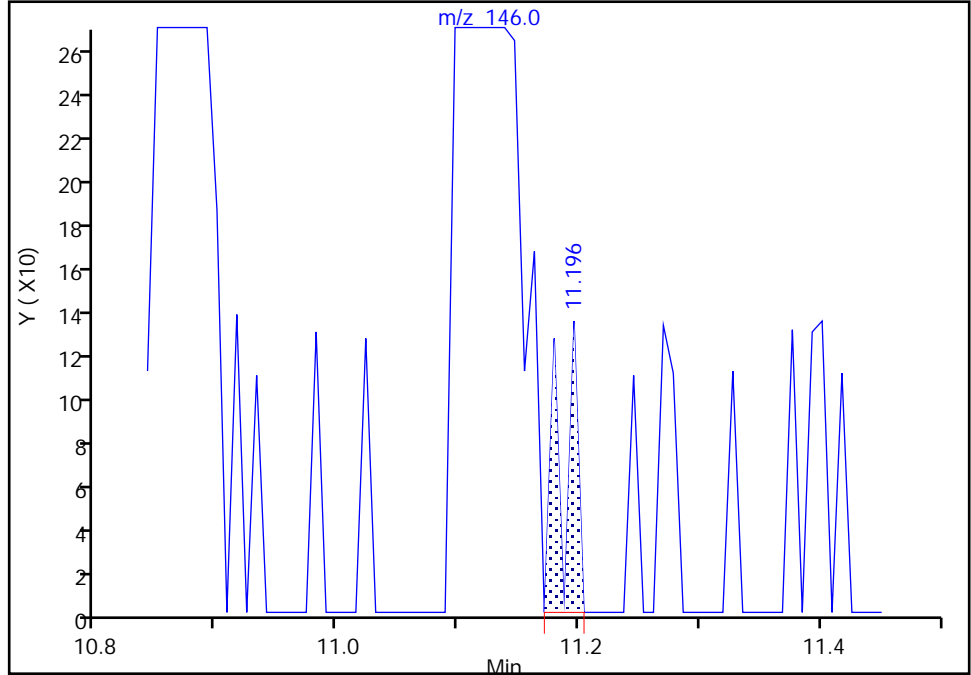
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Injection Date: 24-Aug-2020 22:42:30 Instrument ID: CVOAMS6
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

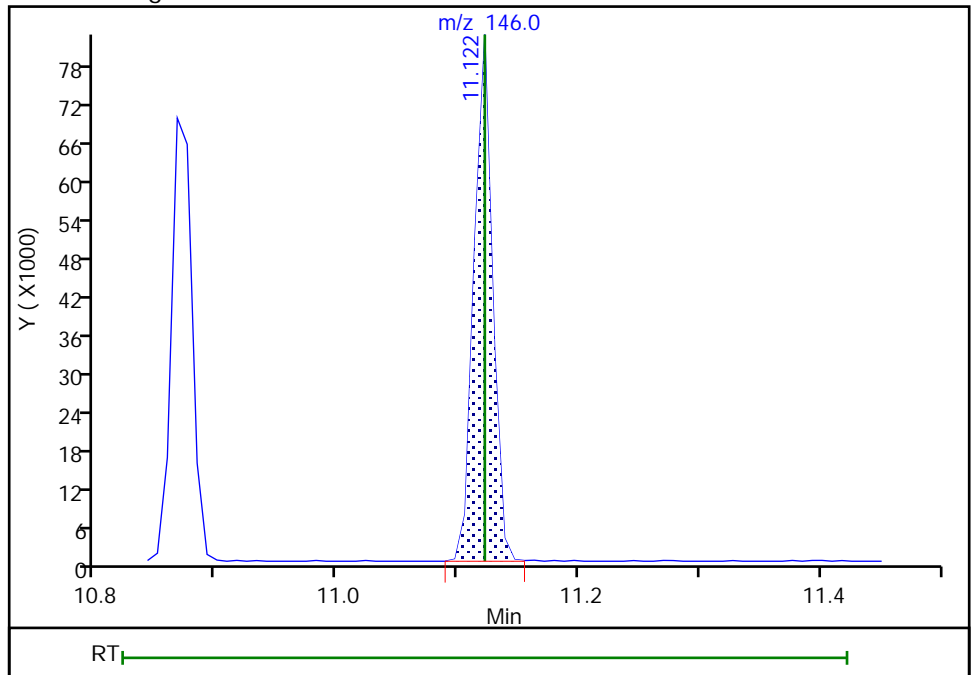
RT: 11.20
Area: 128
Amount: 0.175665
Amount Units: ug/l

Processing Integration Results



RT: 11.12
Area: 88033
Amount: 20.029901
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 24-Aug-2020 23:07:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0115680-007
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:37:28 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 25-Aug-2020 06:25:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.574	-0.008	98	124300	50.0	43.8	
2 Chloromethane	50	1.738	1.738	0.000	99	173495	50.0	42.7	
3 Butadiene	54	1.821	1.820	0.000	98	156781	50.0	43.0	
4 Vinyl chloride	62	1.821	1.820	0.000	98	168200	50.0	41.5	
5 Bromomethane	94	2.092	2.092	0.000	98	118666	50.0	46.1	
6 Chloroethane	64	2.141	2.141	0.000	100	113000	50.0	44.1	
7 Dichlorofluoromethane	67	2.322	2.313	0.009	99	259657	50.0	43.3	
8 Trichlorofluoromethane	101	2.338	2.330	0.008	98	198402	50.0	42.7	
9 Pentane	72	2.355	2.346	0.009	98	49208	100.0	96.1	
10 Ethyl ether	59	2.511	2.511	0.000	93	95533	50.0	46.5	
11 Ethanol	46	2.511	2.511	0.000	73	19526	2000.0	2439.8	
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	98	96424	50.0	40.0	
13 1,2-Dichloro-1,1,2-trifluoroetha	117	2.568	2.560	0.008	86	78495	50.0	41.7	a
14 1,1,1-Trifluoro-2,2-dichloroetha	83	2.618	2.618	0.000	89	129340	50.0	45.9	a
15 Acrolein	56	2.683	2.675	0.008	32	12264	100.0	87.6	
16 112TCTFE	101	2.692	2.691	0.001	95	85500	50.0	43.2	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	96	86857	50.0	44.1	
18 Acetone	43	2.798	2.790	0.008	87	149702	250.0	216.2	
19 Iodomethane	142	2.872	2.872	0.000	98	155811	50.0	44.7	
20 Isopropyl alcohol	45	2.872	2.880	-0.008	29	48813	500.0	444.5	
21 Carbon disulfide	76	2.922	2.922	0.000	100	340399	50.0	44.5	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	94	168208	50.0	41.9	a
23 Methyl acetate	43	3.020	3.020	0.000	98	168725	100.0	85.5	
24 Cyclopentene	67	3.028	3.028	0.000	94	230146	50.0	44.9	
25 Acetonitrile	41	3.102	3.094	0.008	29	128540	500.0	557.6	a
26 Methylene Chloride	84	3.143	3.143	0.000	93	108999	50.0	44.4	
* 27 TBA-d9 (IS)	65	3.152	3.143	0.009	0	228609	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.209	3.193	0.016	97	117318	500.0	459.6	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	248889	50.0	44.0	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	95	94627	50.0	44.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.382	3.382	0.000	94	436949	500.0	438.5	
32 Hexane	43	3.456	3.456	0.000	92	72127	50.0	45.5	
33 Isopropyl ether	45	3.661	3.661	0.000	94	277994	50.0	45.9	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	165806	50.0	45.1	
35 Vinyl acetate	86	3.702	3.702	0.000	99	46321	100.0	99.2	
36 2-Chloro-1,3-butadiene	88	3.735	3.735	0.000	92	85338	50.0	46.1	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	265980	50.0	45.7	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	271403	250.0	250.0	
39 2,2-Dichloropropane	97	4.187	4.179	0.008	84	28677	50.0	42.9	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	97	101521	50.0	42.8	
41 Ethyl acetate	70	4.212	4.212	0.000	96	25580	100.0	98.2	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	97	70480	250.0	221.3	
43 Methyl acrylate	55	4.269	4.261	0.008	99	101179	50.0	45.2	
44 Propionitrile	54	4.343	4.335	0.008	98	174705	500.0	501.1	
45 Chlorobromomethane	128	4.409	4.409	0.000	95	51073	50.0	46.6	
46 Tetrahydrofuran	72	4.409	4.417	-0.008	92	33791	100.0	87.3	
47 Methacrylonitrile	67	4.442	4.433	0.009	92	493992	500.0	453.7	
48 Chloroform	83	4.458	4.458	0.000	98	158387	50.0	44.3	
49 Cyclohexane	84	4.598	4.598	0.000	91	153743	50.0	44.9	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	99	143743	50.0	44.9	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	96	99673	50.0	49.6	
52 Carbon tetrachloride	117	4.721	4.721	0.000	96	122547	50.0	46.5	
53 1,1-Dichloropropene	75	4.754	4.746	0.008	96	124922	50.0	44.6	
54 Isobutyl alcohol	43	4.877	4.869	0.008	98	93939	1250.0	1305.8	a
55 Benzene	78	4.943	4.943	0.000	97	389239	50.0	47.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	128515	50.0	48.7	
57 Isopropyl acetate	43	5.000	5.000	0.000	94	316939	50.0	46.2	a
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	90	292268	50.0	46.0	
59 1,2-Dichloroethane	62	5.033	5.033	0.000	96	132069	50.0	45.2	
60 n-Heptane	57	5.099	5.099	0.000	90	63091	50.0	46.9	
* 61 Fluorobenzene	96	5.222	5.222	0.000	99	397198	50.0	50.0	
62 n-Butanol	56	5.518	5.518	0.000	87	74166	1250.0	1073.0	
63 Trichloroethene	95	5.567	5.567	0.000	98	93851	50.0	44.4	
64 Ethyl acrylate	55	5.691	5.691	0.000	98	253408	50.0	43.3	
65 Methylcyclohexane	83	5.699	5.699	0.000	80	163134	50.0	43.8	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	90	97982	50.0	44.9	
* 67 1,4-Dioxane-d8	96	5.921	5.912	0.009	0	17771	1000.0	1000.0	
68 Methyl methacrylate	100	5.937	5.937	0.000	86	61727	100.0	93.2	
69 Dibromomethane	93	5.978	5.986	-0.008	95	62750	50.0	41.8	
70 n-Propyl acetate	43	5.995	5.986	0.009	97	143664	50.0	42.6	
71 1,4-Dioxane	88	5.970	5.986	-0.016	32	16734	1000.0	1100.2	
72 Dichlorobromomethane	83	6.126	6.126	0.000	99	127397	50.0	46.4	
73 2-Chloroethyl vinyl ether	63	6.471	6.463	0.008	68	62713	50.1	43.6	
74 2-Nitropropane	41	6.463	6.463	0.000	84	73050	100.0	88.7	
75 Epichlorohydrin	57	6.570	6.570	0.000	98	232359	1000.0	916.5	
76 cis-1,3-Dichloropropene	75	6.627	6.627	0.000	93	162778	50.0	46.4	a
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	96	586897	250.0	237.9	a
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	99	415570	50.0	50.3	
79 Toluene	91	6.948	6.948	0.000	93	410405	50.0	46.1	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	97	148559	50.0	46.4	
81 Ethyl methacrylate	69	7.326	7.326	0.000	89	147618	50.0	45.6	
82 1,1,2-Trichloroethane	83	7.507	7.498	0.009	96	75700	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 Tetrachloroethene	166	7.548	7.548	0.000	94	86697	50.0	46.8	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	93	152669	50.0	47.7	
85 2-Hexanone	43	7.778	7.778	0.000	95	371336	250.0	226.3	
86 n-Butyl acetate	43	7.901	7.893	0.008	99	171107	50.0	46.2	
87 Chlorodibromomethane	129	7.942	7.934	0.008	97	92841	50.0	46.6	
88 Ethylene Dibromide	107	8.090	8.090	0.000	99	87466	50.0	44.8	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	86	289169	50.0	50.0	a
90 Chlorobenzene	112	8.673	8.673	0.000	93	255085	50.0	46.0	
91 Ethylbenzene	106	8.788	8.780	0.008	99	142723	50.0	45.7	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	94	95364	50.0	46.7	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	176550	50.0	46.1	
94 n-Butyl acrylate	73	9.405	9.405	0.000	98	97841	50.0	47.8	
95 o-Xylene	106	9.413	9.413	0.000	93	185628	50.0	46.4	
96 Styrene	104	9.446	9.446	0.000	96	298308	50.0	46.5	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	92	220369	50.0	45.1	
98 Bromoform	173	9.651	9.651	0.000	95	66081	50.0	45.5	
99 Isopropylbenzene	105	9.774	9.774	0.000	97	462389	50.0	47.2	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	85	119841	50.0	49.4	
101 Bromobenzene	156	10.079	10.078	0.000	98	106570	50.0	44.3	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	98	132590	50.0	47.1	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	570265	50.0	45.6	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	98	39685	50.0	42.1	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	83	38234	50.0	45.5	a
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	384608	50.0	45.7	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	98	468747	50.0	46.0	a
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	93	391226	50.0	46.4	
109 4-Chlorotoluene	91	10.325	10.325	0.000	97	341390	50.0	45.3	a
110 Butyl Methacrylate	87	10.383	10.382	0.001	91	165739	50.0	46.2	
111 tert-Butylbenzene	119	10.539	10.539	0.000	94	321642	50.0	47.5	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	98	416048	50.0	46.2	
113 sec-Butylbenzene	105	10.703	10.703	0.000	99	510264	50.0	47.1	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	93	215693	50.0	45.3	a
115 4-Isopropyltoluene	119	10.810	10.802	0.008	98	435219	50.0	46.3	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	96	158869	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.876	10.867	0.009	94	216898	50.0	46.2	a
118 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	98	436109	50.0	46.6	
119 Benzyl chloride	91	10.974	10.974	0.000	98	253450	50.0	46.1	
120 2,3-Dihydroindene	117	11.023	11.023	0.000	94	434026	50.0	46.9	
121 p-Diethylbenzene	119	11.065	11.064	0.001	93	234516	50.0	47.5	
122 n-Butylbenzene	92	11.081	11.081	0.000	97	233232	50.0	46.1	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	95	225194	50.0	47.1	a
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	443329	50.0	46.2	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.615	0.000	96	33005	50.0	47.4	
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	97	171368	50.0	45.9	
127 1,2,4-Trichlorobenzene	180	12.092	12.083	0.009	93	164501	50.0	44.1	
128 Hexachlorobutadiene	225	12.157	12.157	0.000	93	59975	50.0	42.3	
129 Naphthalene	128	12.256	12.256	0.000	99	481648	50.0	46.4	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	95	157848	50.0	45.5	
S 131 1,2-Dichloroethene, Total	100				0		100.0	87.5	
S 132 Xylenes, Total	100				0		100.0	92.6	

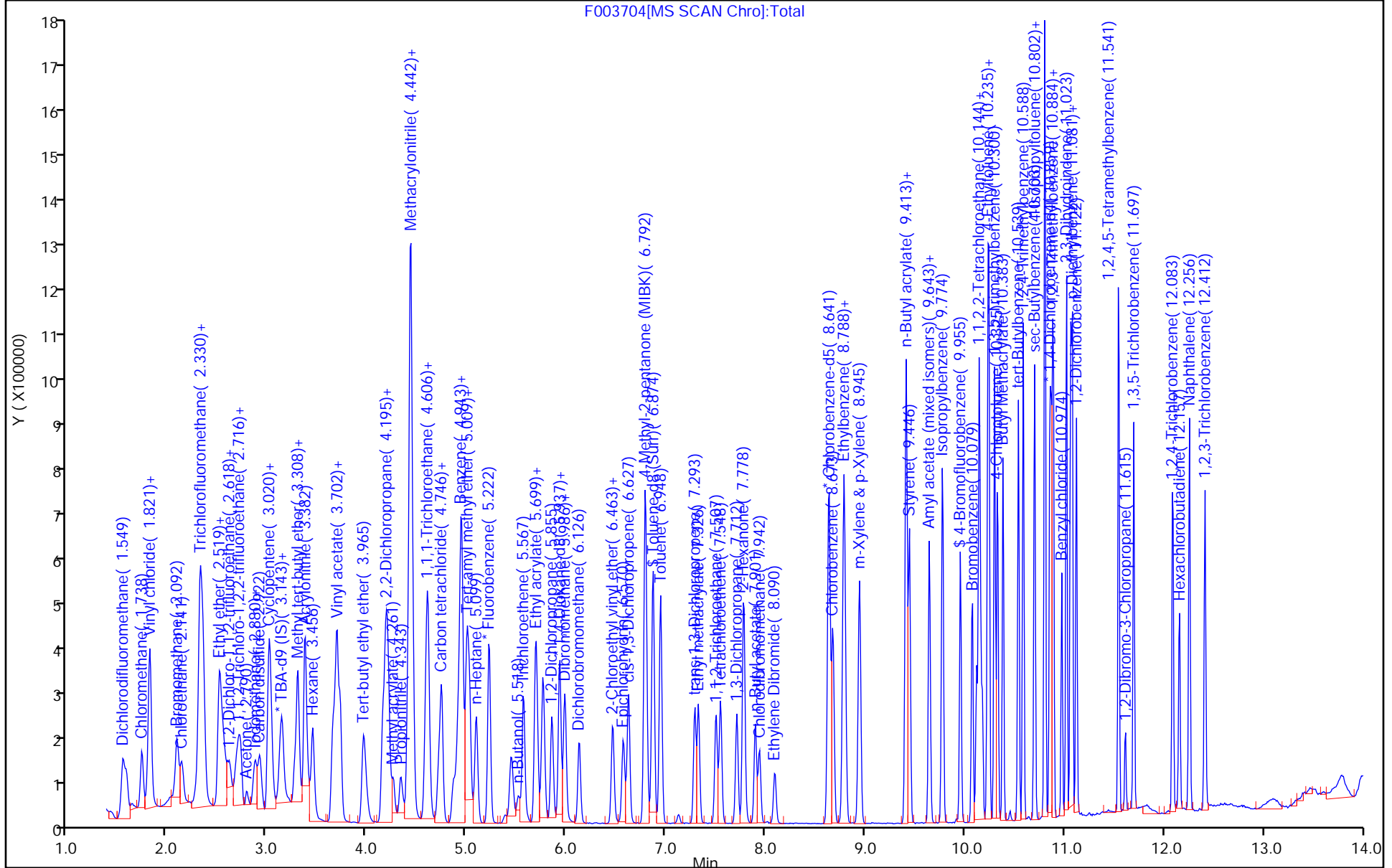
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00382	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 50.00	Units: uL	
ACROLEIN W_00111	Amount Added: 10.00	Units: uL	
524freon_00026	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



F003704[MS SCAN Chrom]:Total

Eurofins TestAmerica, Edison

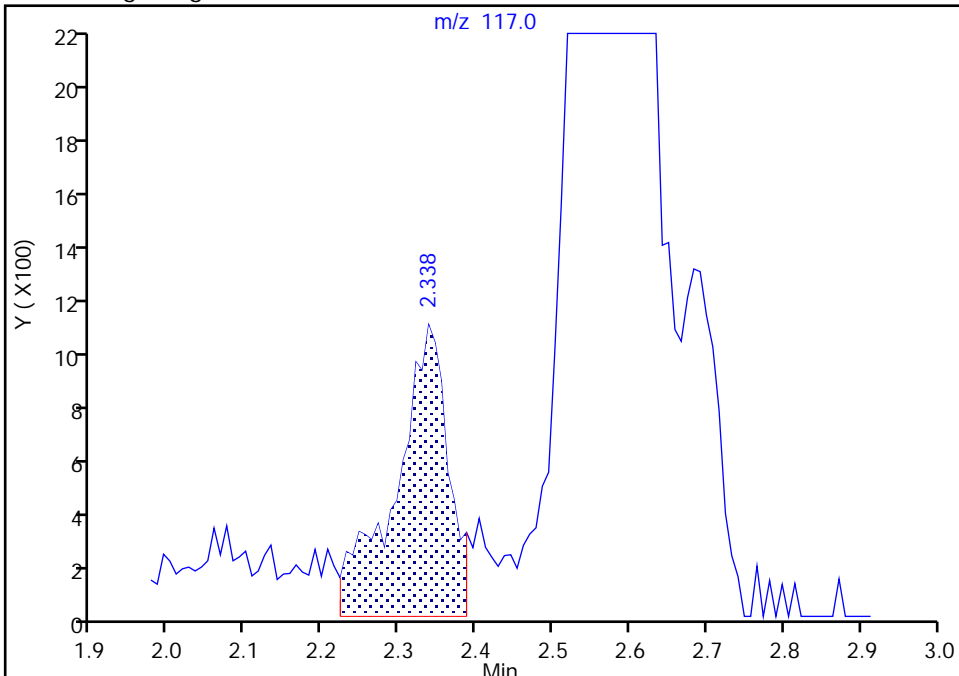
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

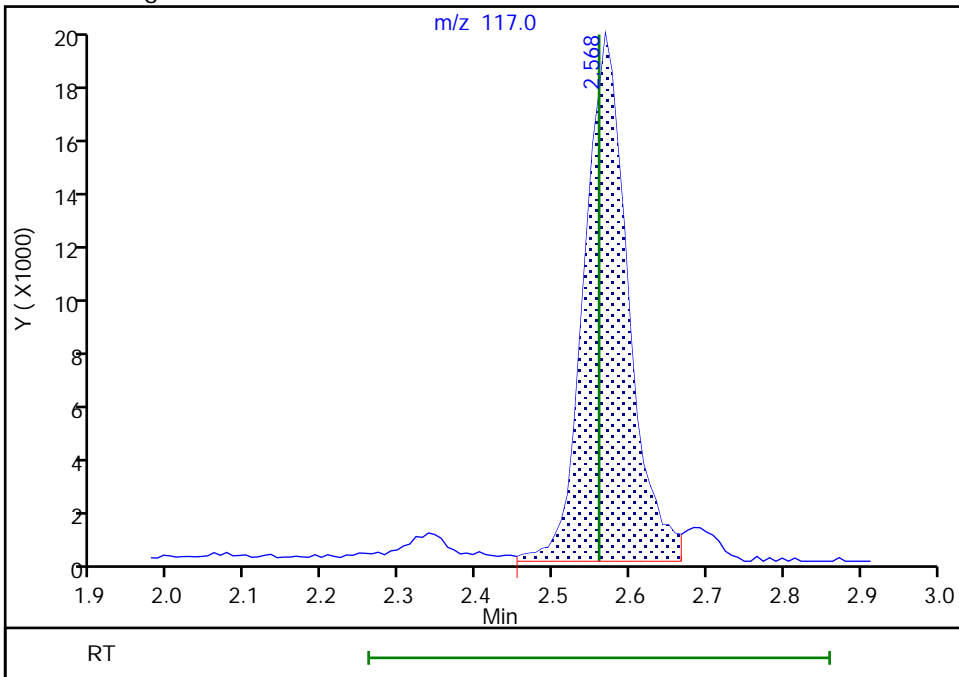
RT: 2.34
Area: 5093
Amount: 3.749687
Amount Units: ug/l

Processing Integration Results



RT: 2.57
Area: 78495
Amount: 41.706754
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

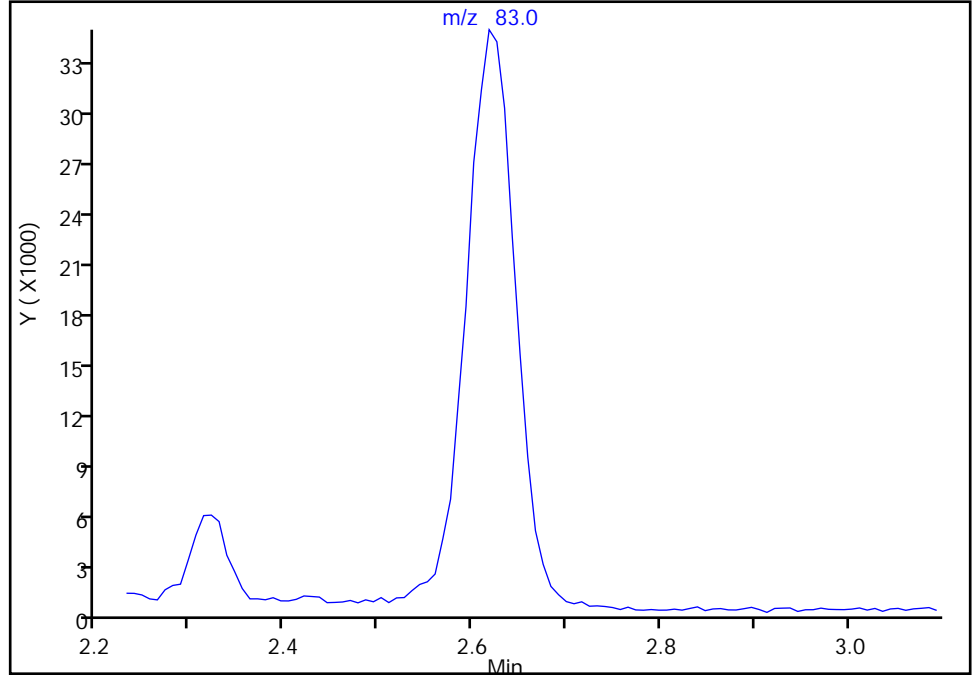
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

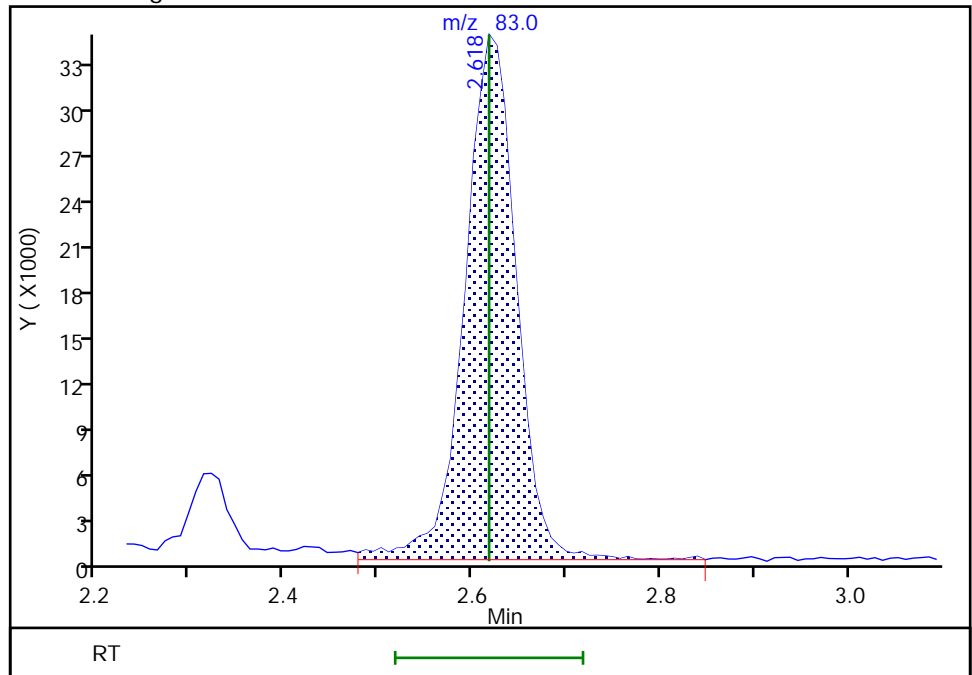
Signal: 1

Not Detected
Expected RT: 2.62

Processing Integration Results



Manual Integration Results



RT: 2.62
Area: 129340
Amount: 45.931511
Amount Units: ug/l

Eurofins TestAmerica, Edison

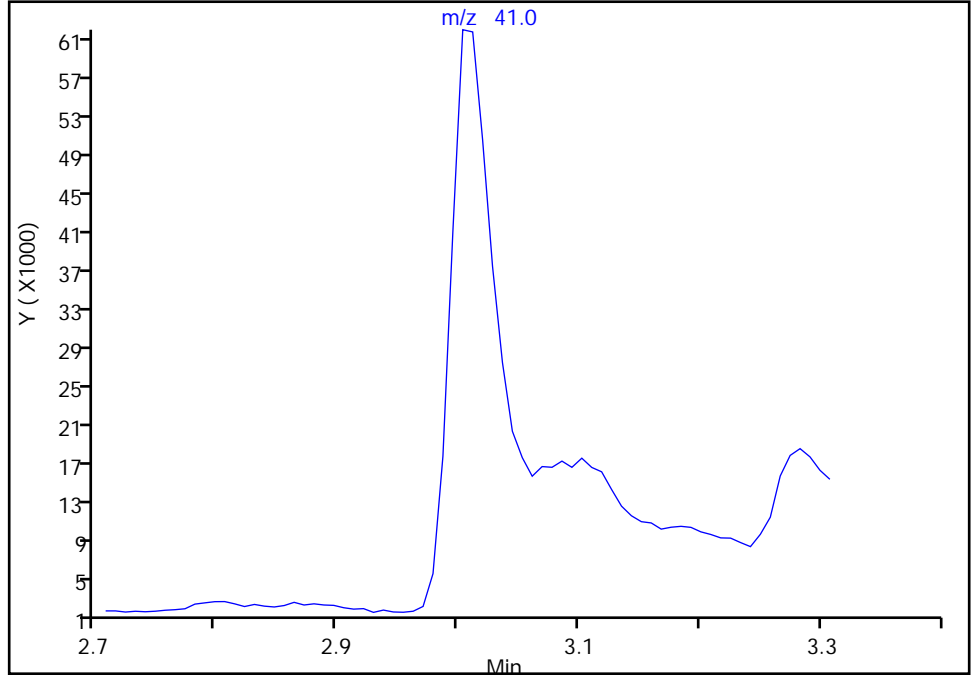
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

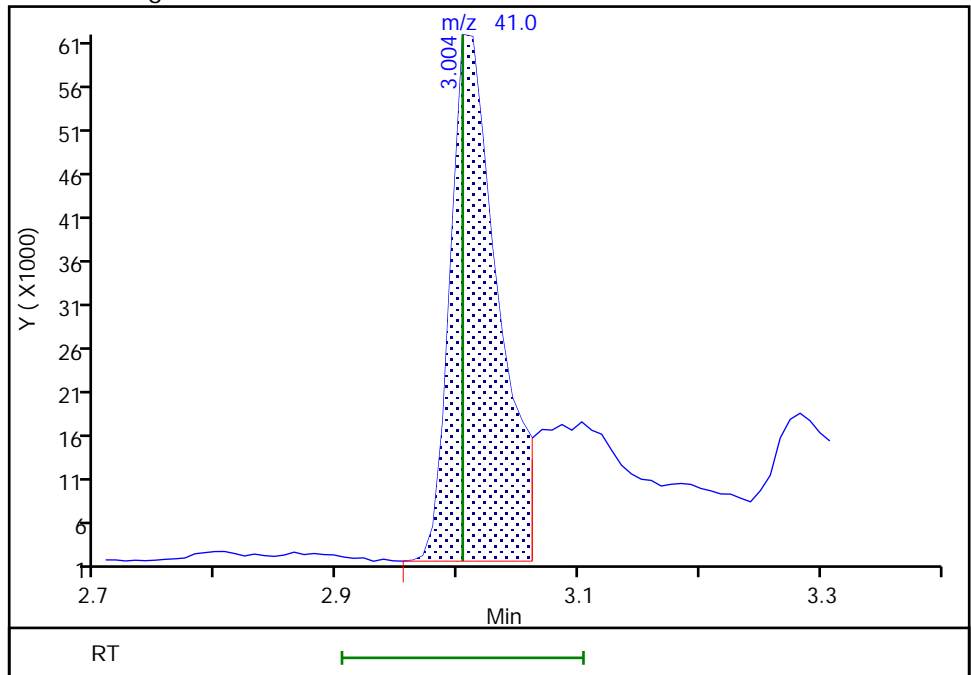
Not Detected
Expected RT: 3.00

Processing Integration Results



RT: 3.00
Area: 168208
Amount: 41.929287
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:15:48
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

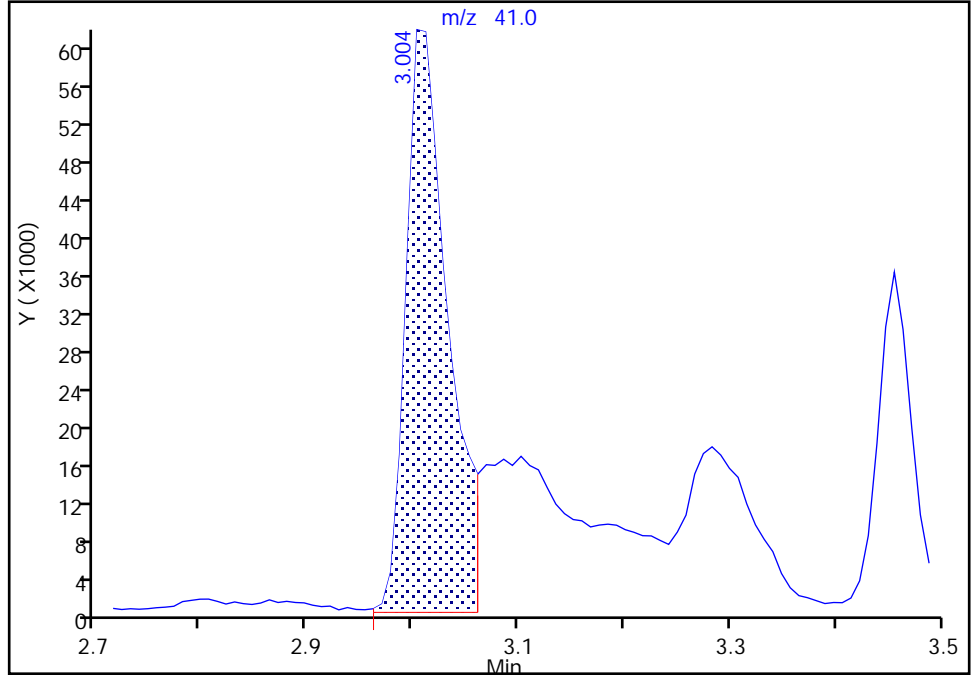
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

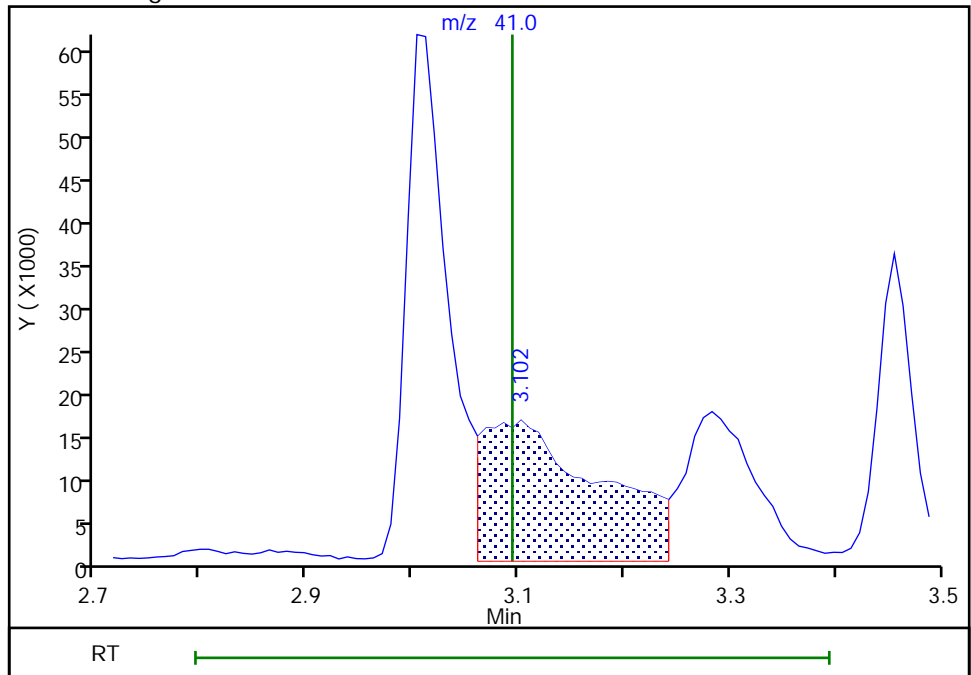
RT: 3.00
Area: 169974
Amount: 398.0614
Amount Units: ug/l

Processing Integration Results



RT: 3.10
Area: 128540
Amount: 557.6193
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:15:43
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

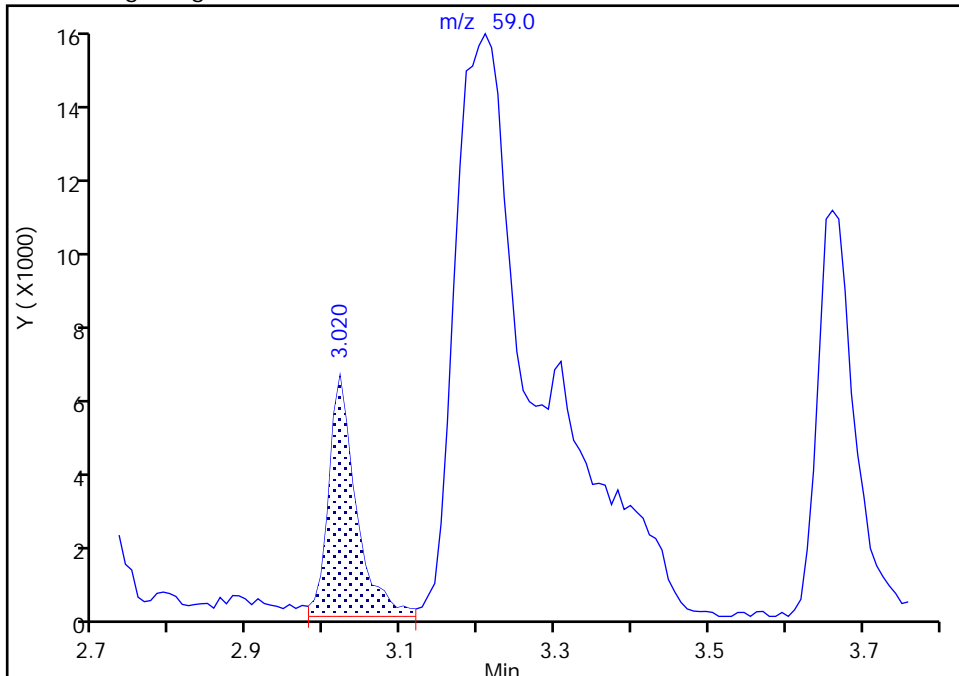
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

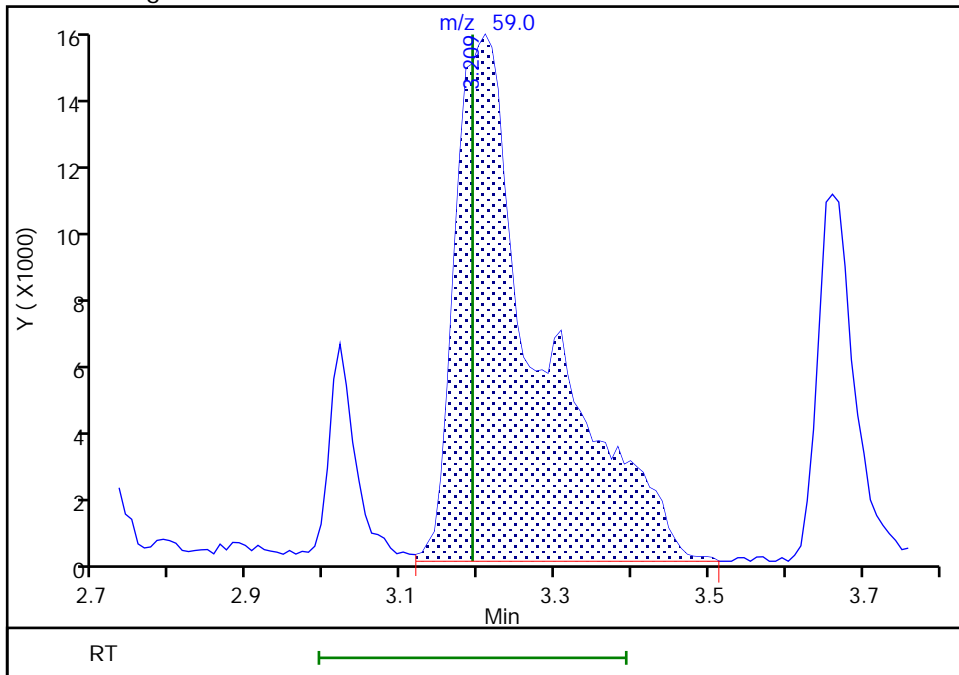
RT: 3.02
Area: 15542
Amount: 221.7039
Amount Units: ug/l

Processing Integration Results



RT: 3.21
Area: 117318
Amount: 459.6495
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:15:56
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

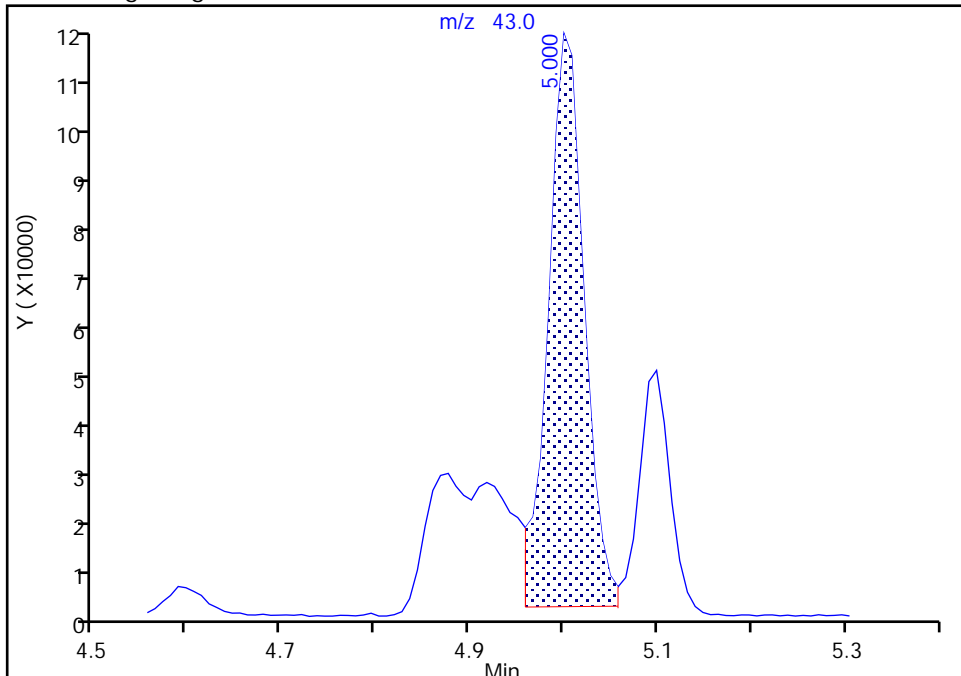
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

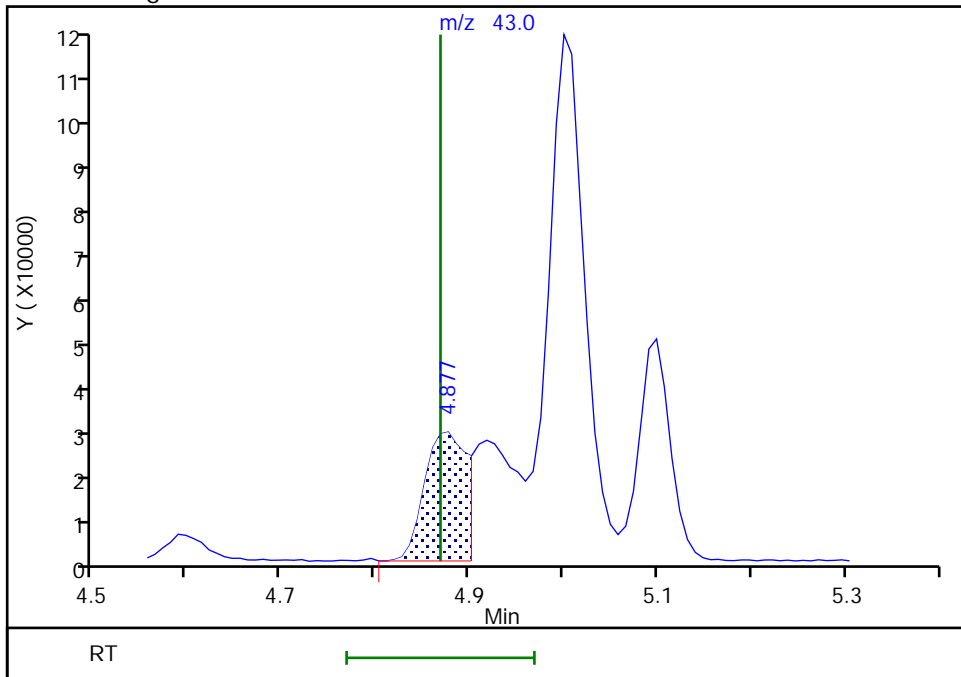
RT: 5.00
Area: 312751
Amount: 1333.8279
Amount Units: ug/l

Processing Integration Results



RT: 4.88
Area: 93939
Amount: 1305.7790
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:16:08
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

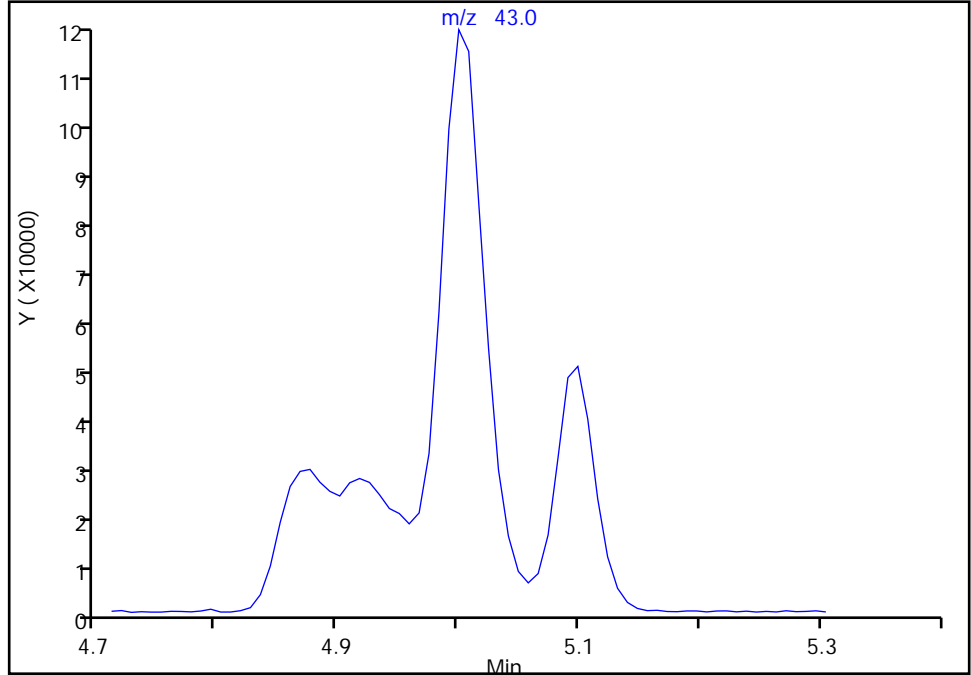
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

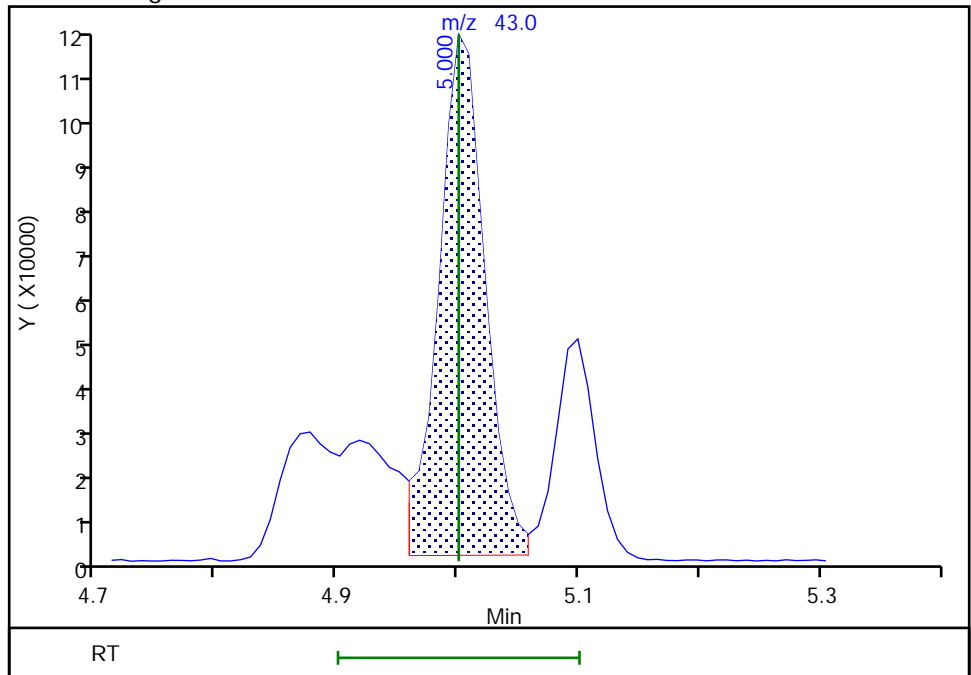
Not Detected
Expected RT: 5.00

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 316939
Amount: 46.151761
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:16:14
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

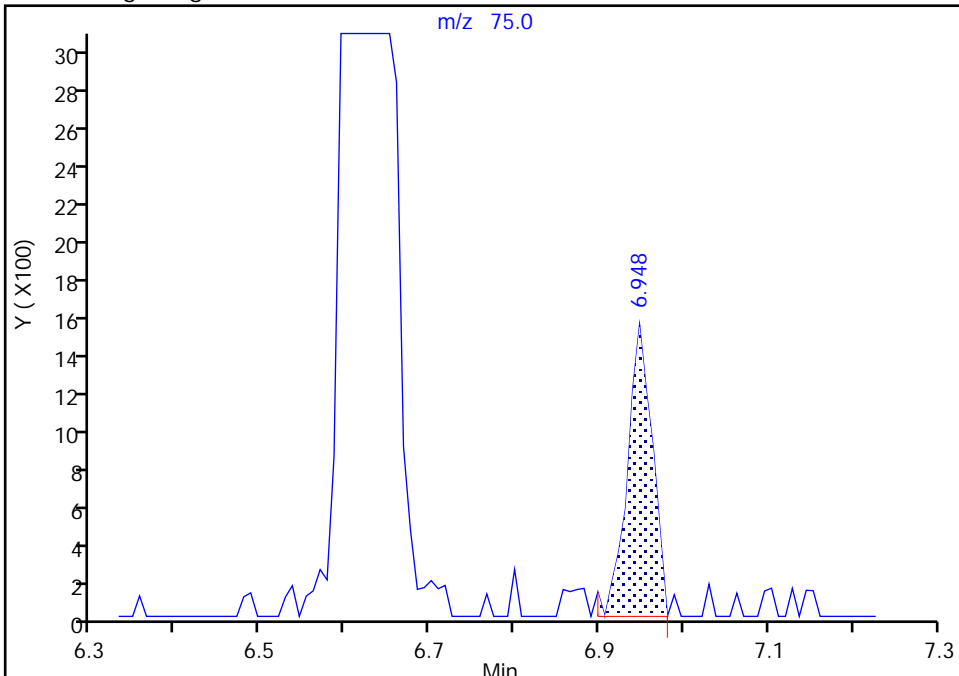
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

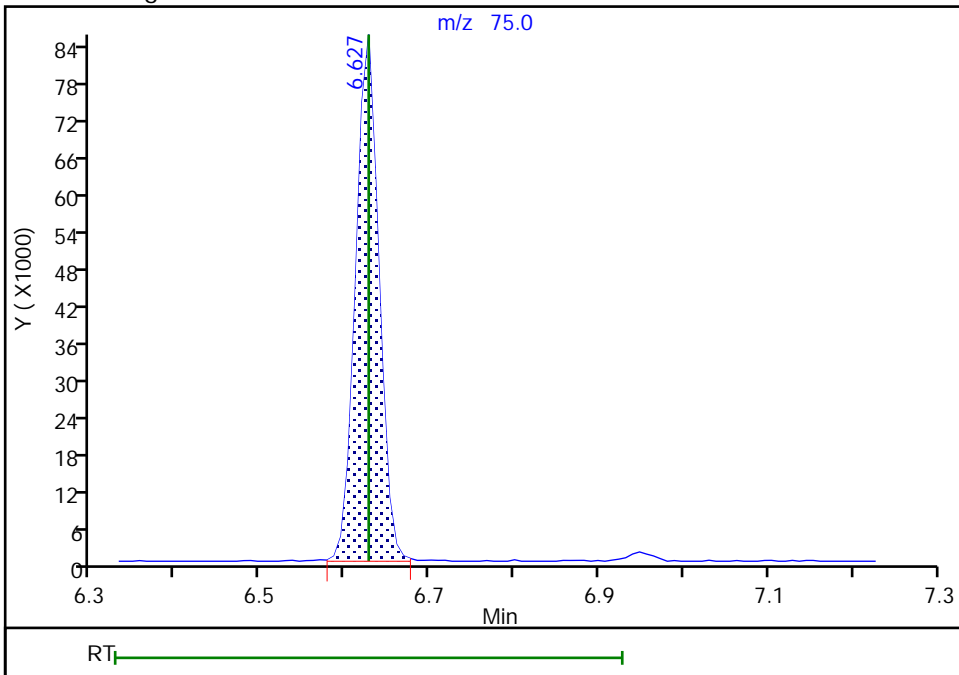
RT: 6.95
Area: 3115
Amount: 3.530853
Amount Units: ug/l

Processing Integration Results



RT: 6.63
Area: 162778
Amount: 46.362772
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:16:29
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

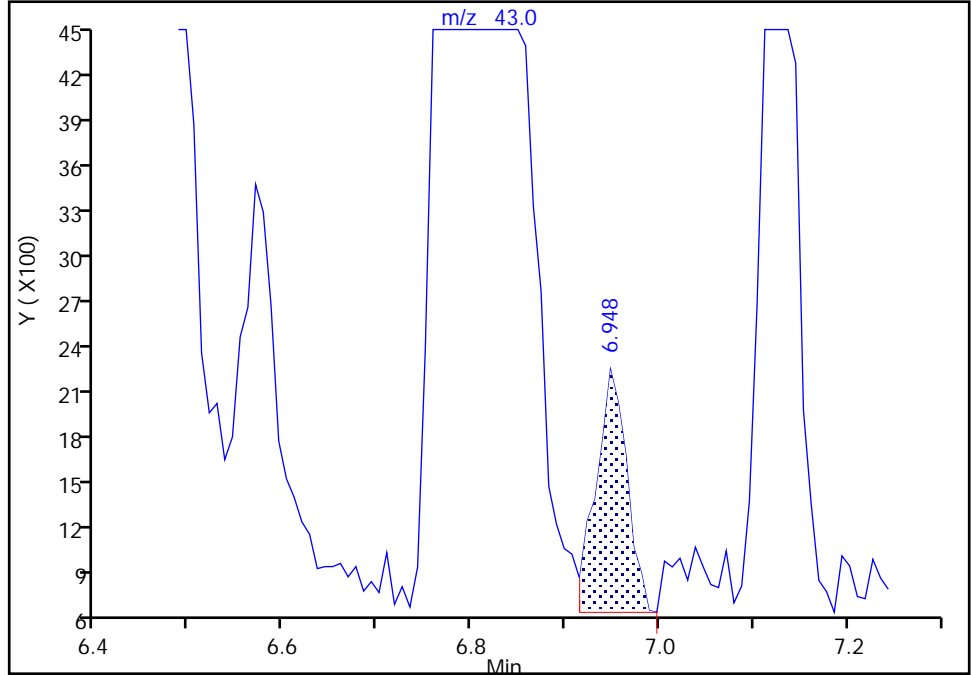
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

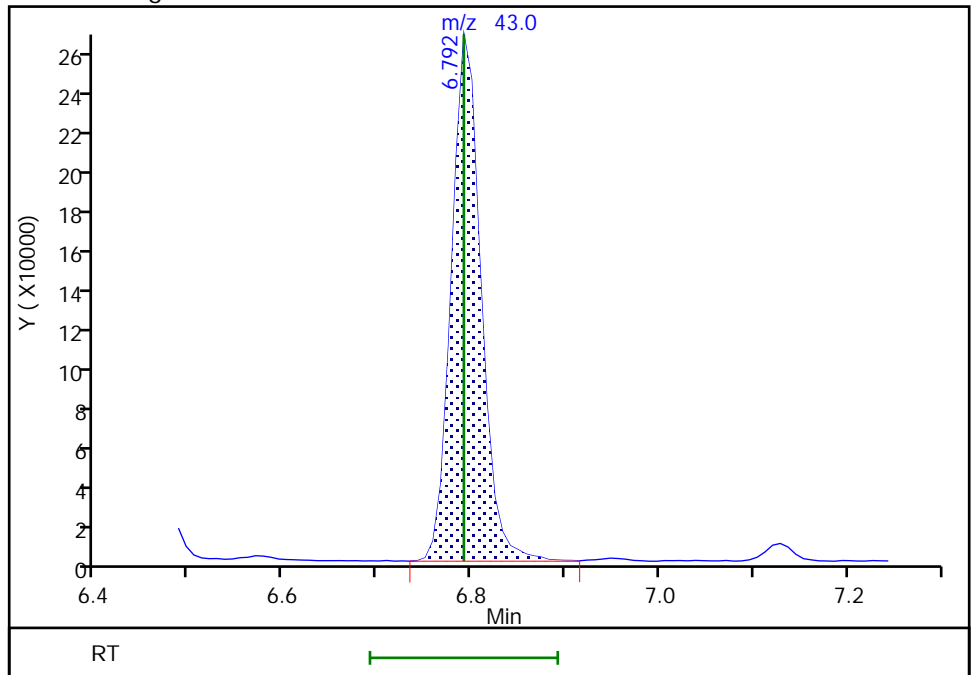
RT: 6.95
Area: 3659
Amount: 7.996387
Amount Units: ug/l

Processing Integration Results



RT: 6.79
Area: 586897
Amount: 237.8692
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

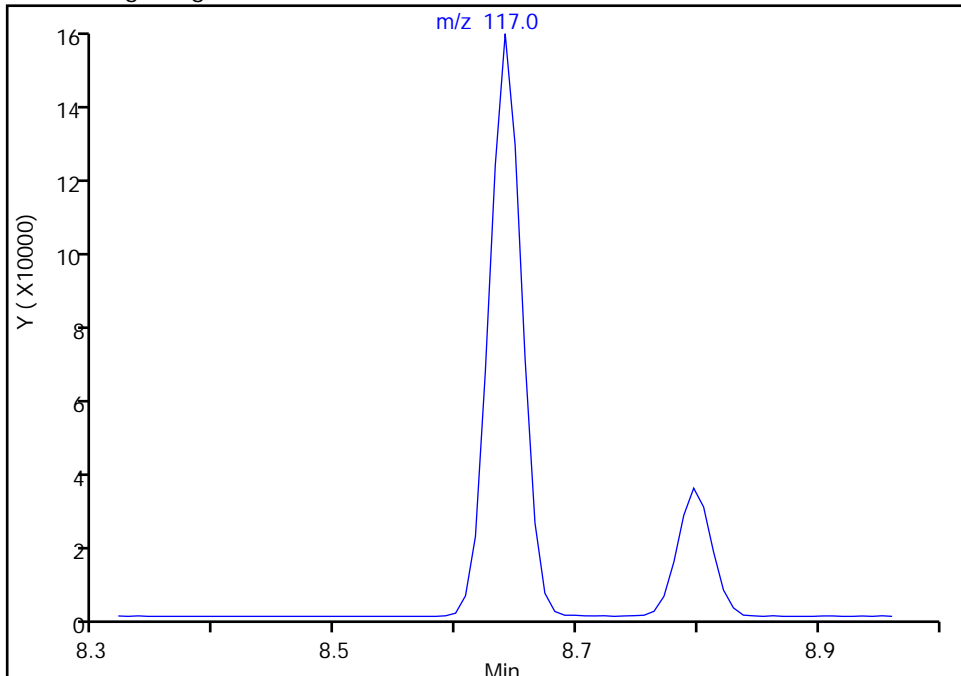
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 89 Chlorobenzene-d5, CAS: 3114-55-4

Signal: 1

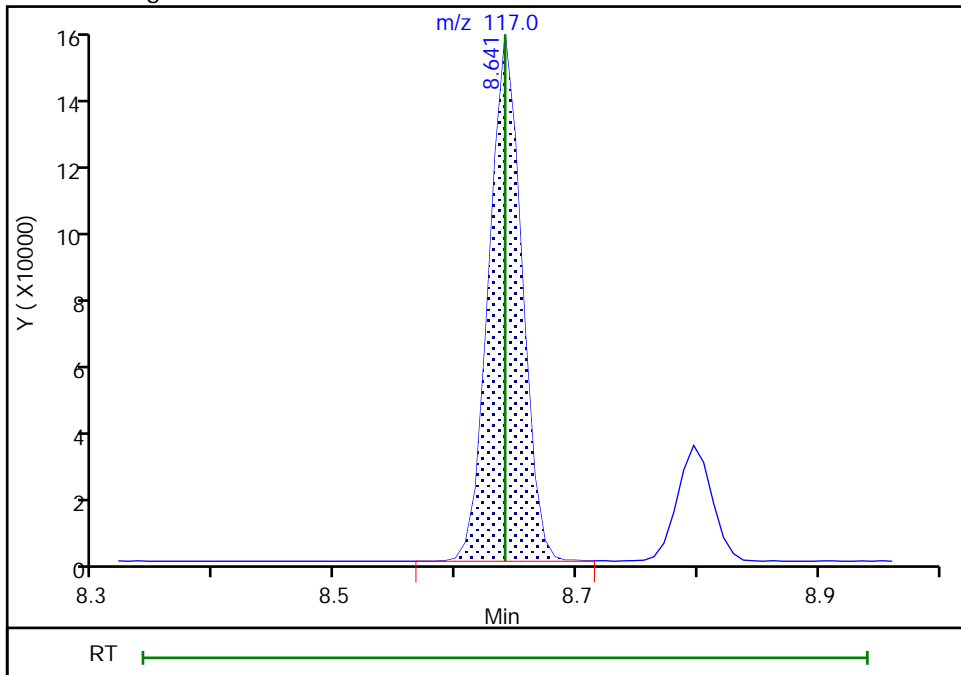
Not Detected
Expected RT: 8.64

Processing Integration Results



Manual Integration Results

RT: 8.64
Area: 289169
Amount: 50.000000
Amount Units: ug/l



Eurofins TestAmerica, Edison

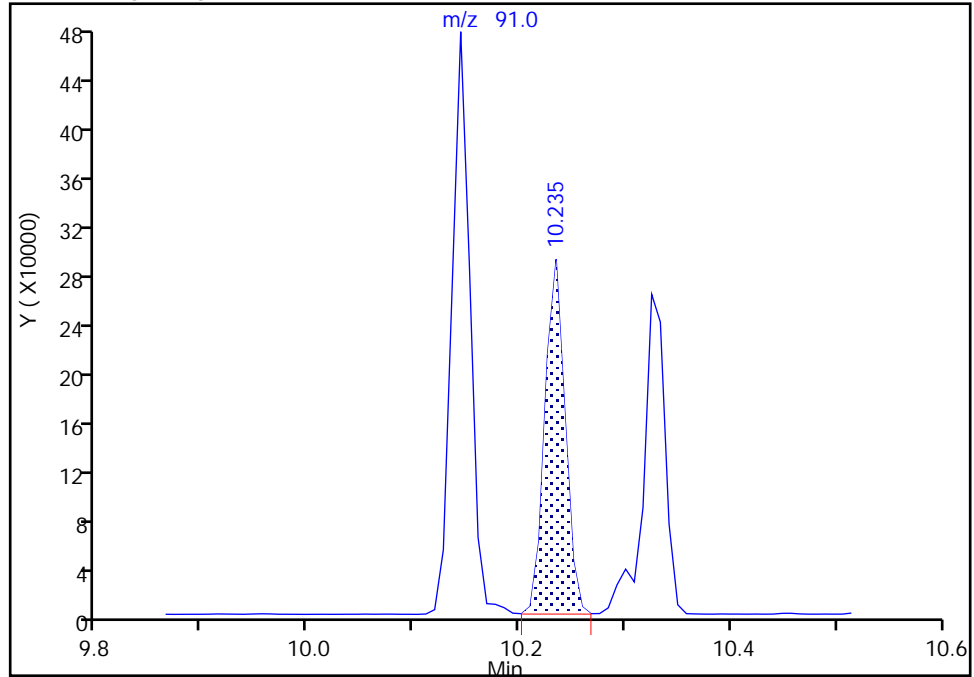
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

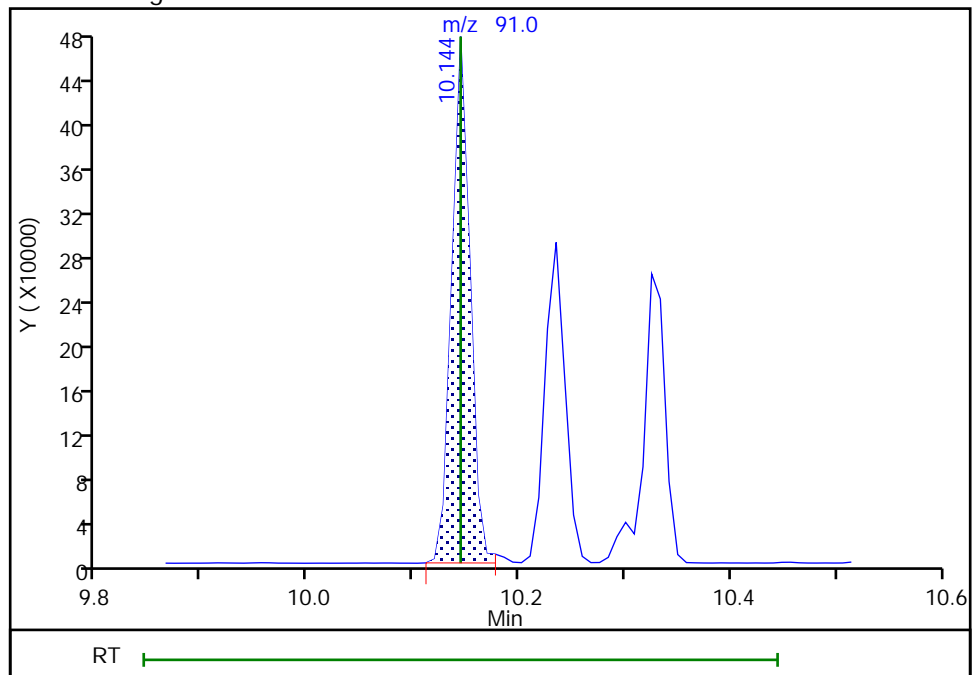
RT: 10.23
Area: 384391
Amount: 41.932629
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 570265
Amount: 45.630956
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:34:30
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

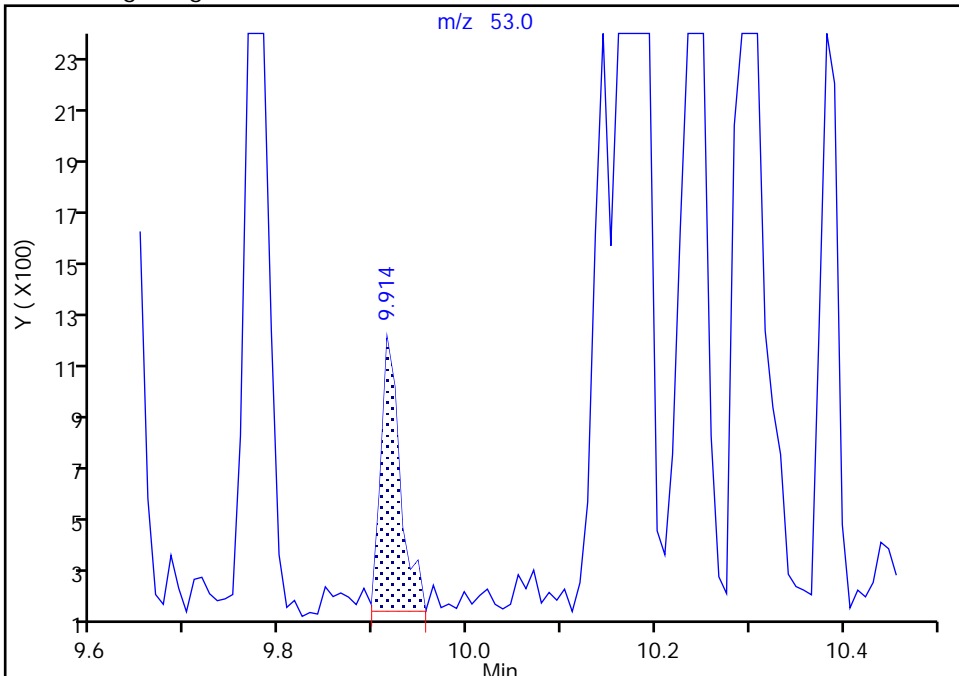
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

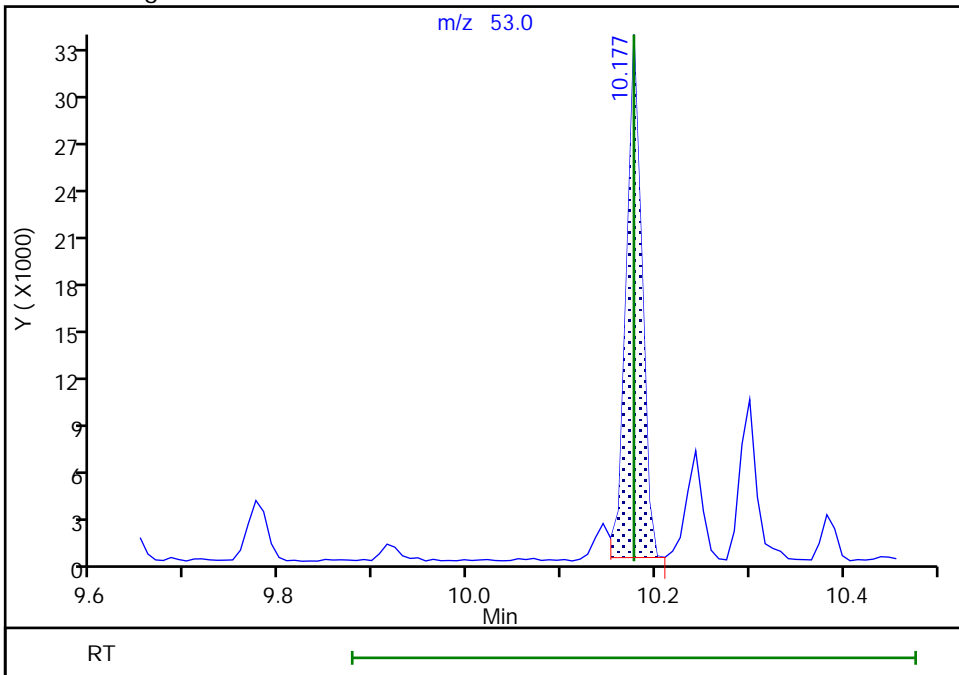
RT: 9.91
Area: 1527
Amount: 6.556026
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 38234
Amount: 45.486163
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:16:51
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

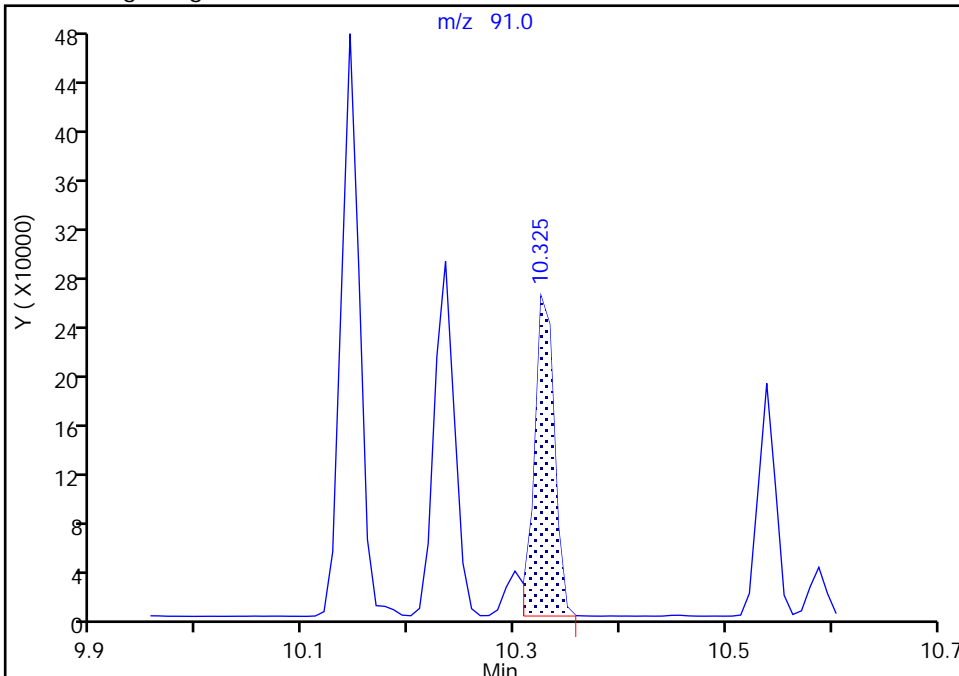
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

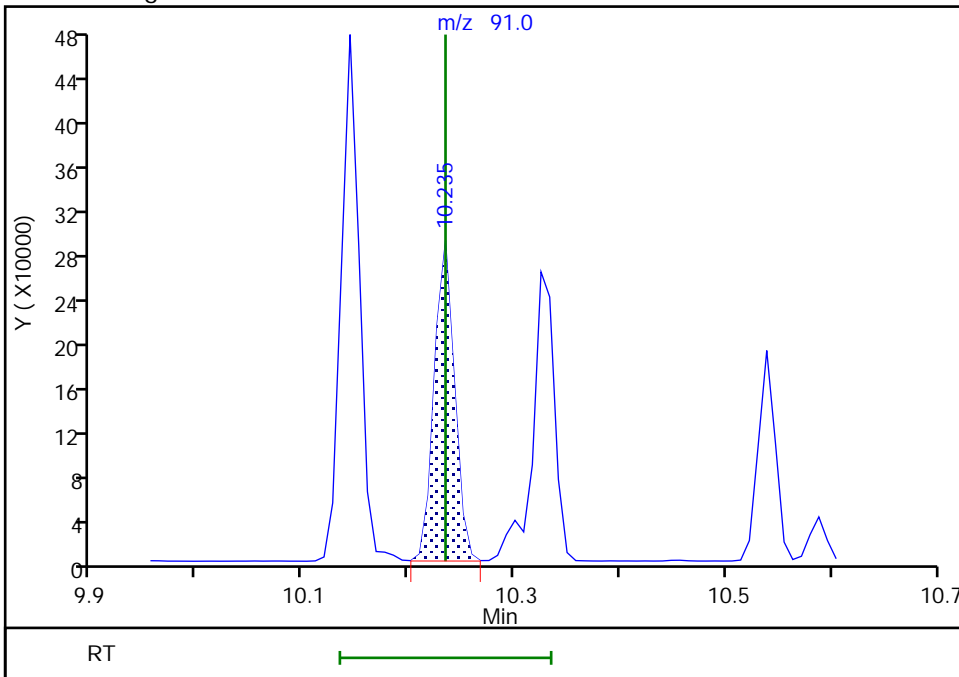
RT: 10.33
Area: 341486
Amount: 44.786202
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 384608
Amount: 45.696816
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

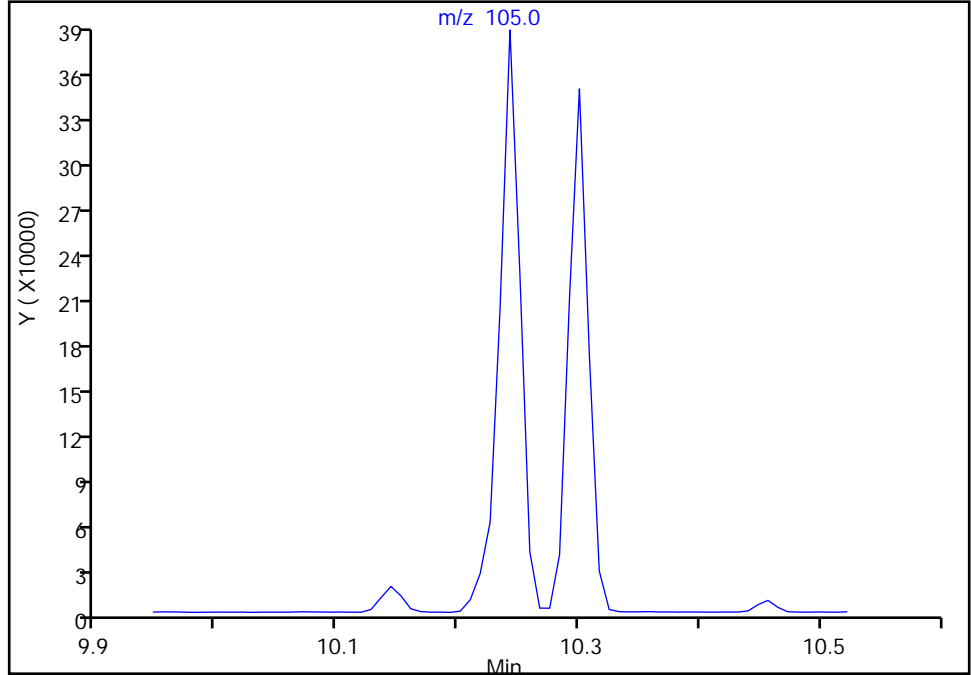
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

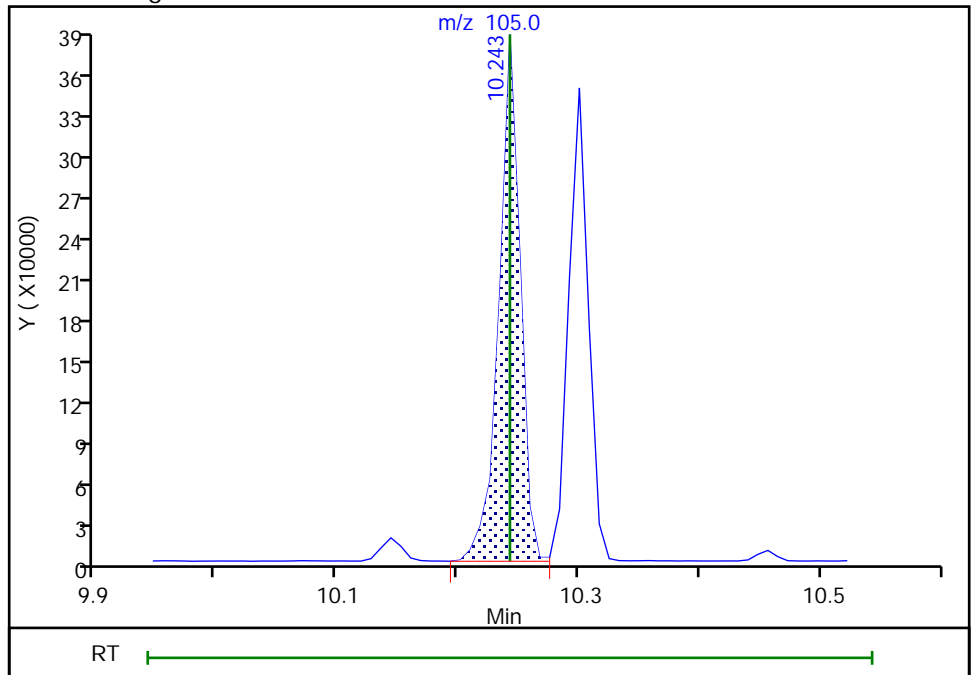
Not Detected
Expected RT: 10.24

Processing Integration Results



Manual Integration Results

RT: 10.24
Area: 468747
Amount: 46.022725
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:16:57
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

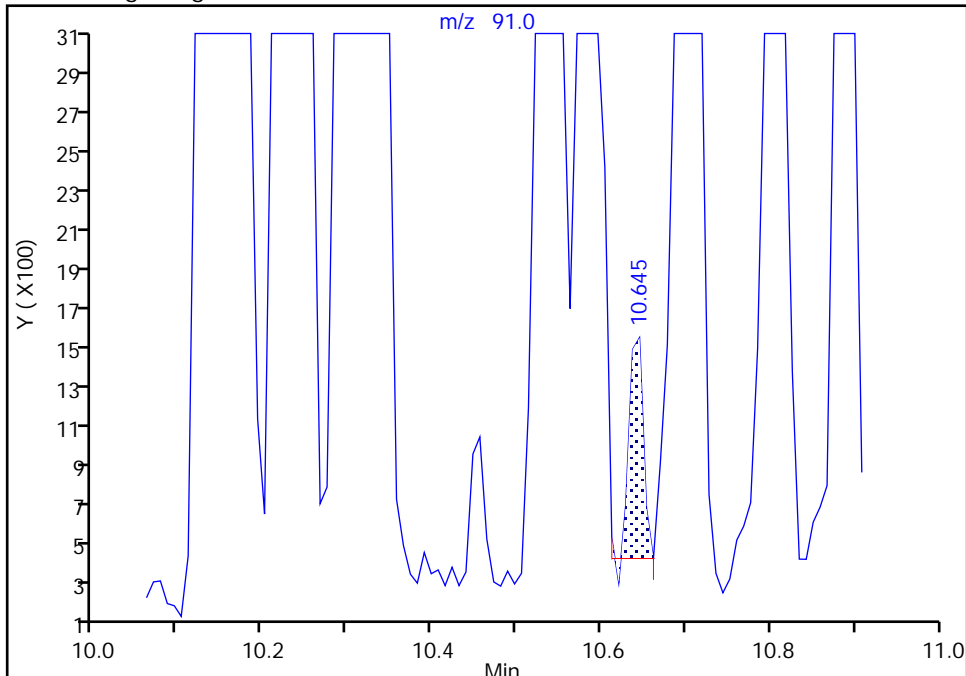
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

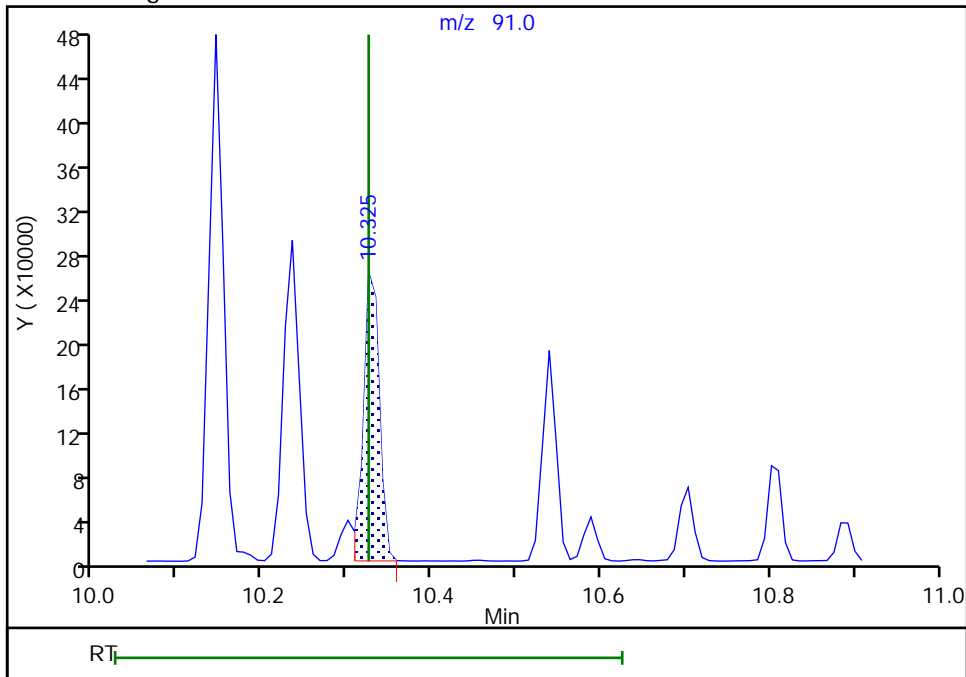
RT: 10.65
Area: 1303
Amount: 0.849476
Amount Units: ug/l

Processing Integration Results



RT: 10.33
Area: 341390
Amount: 45.309173
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:17:02
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

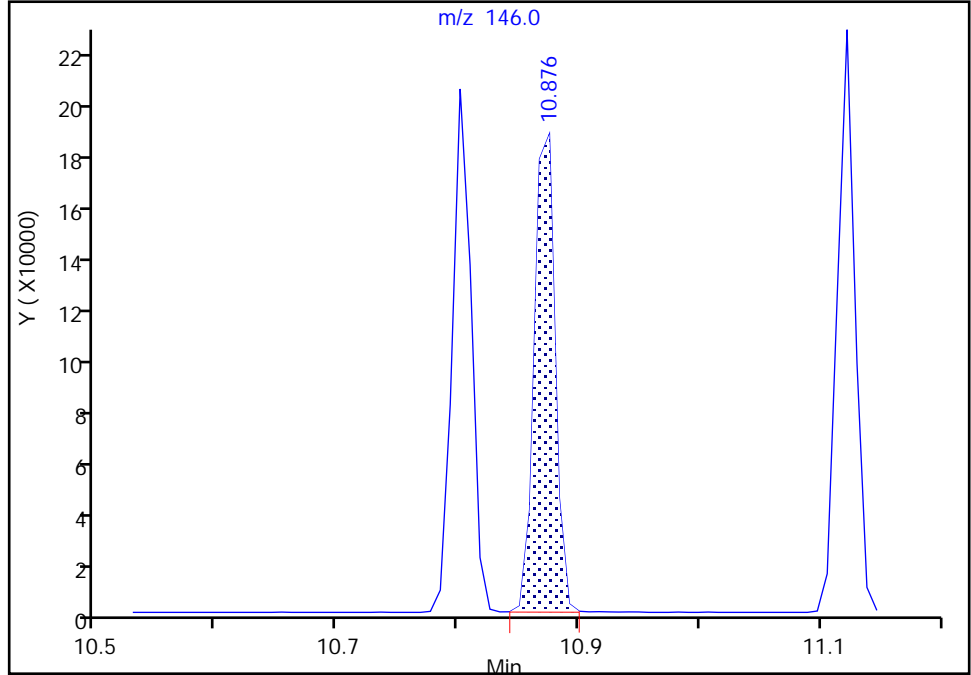
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

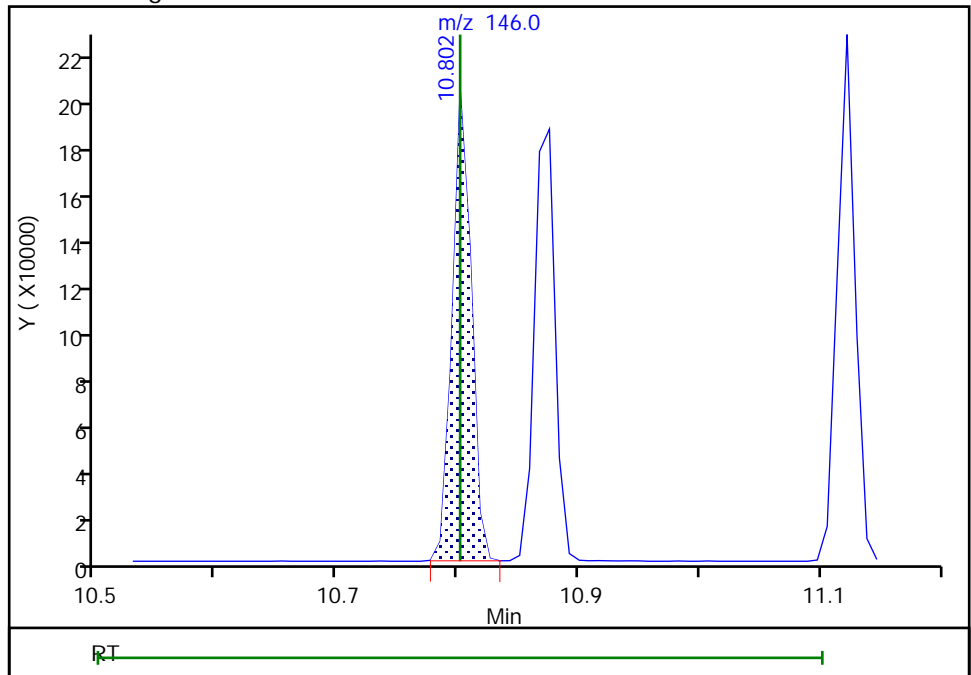
RT: 10.88
Area: 216898
Amount: 46.244794
Amount Units: ug/l

Processing Integration Results



RT: 10.80
Area: 215693
Amount: 45.295199
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:17:14
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

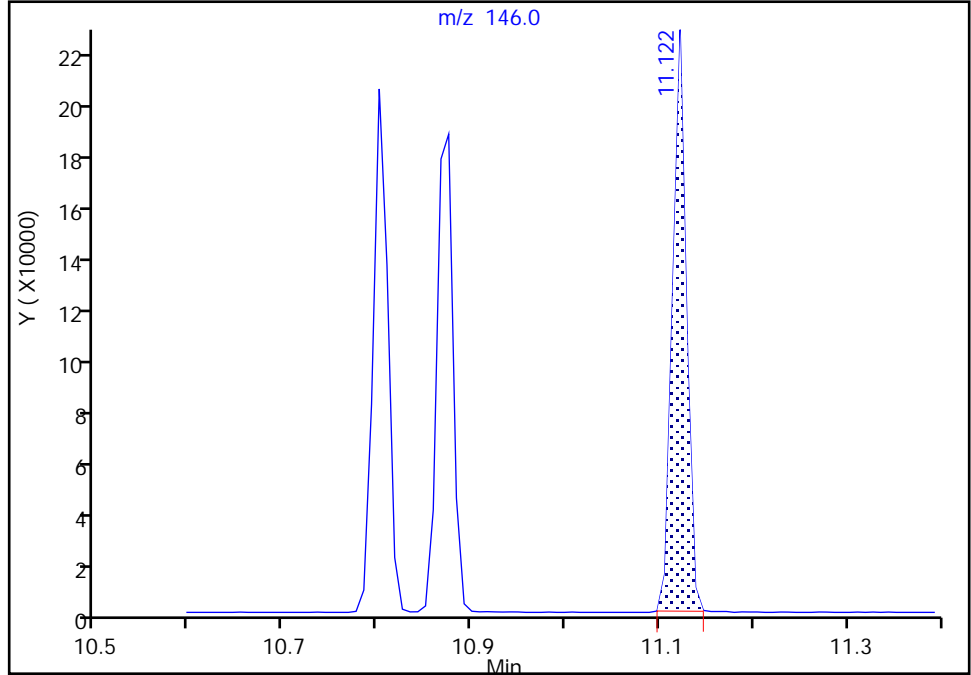
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

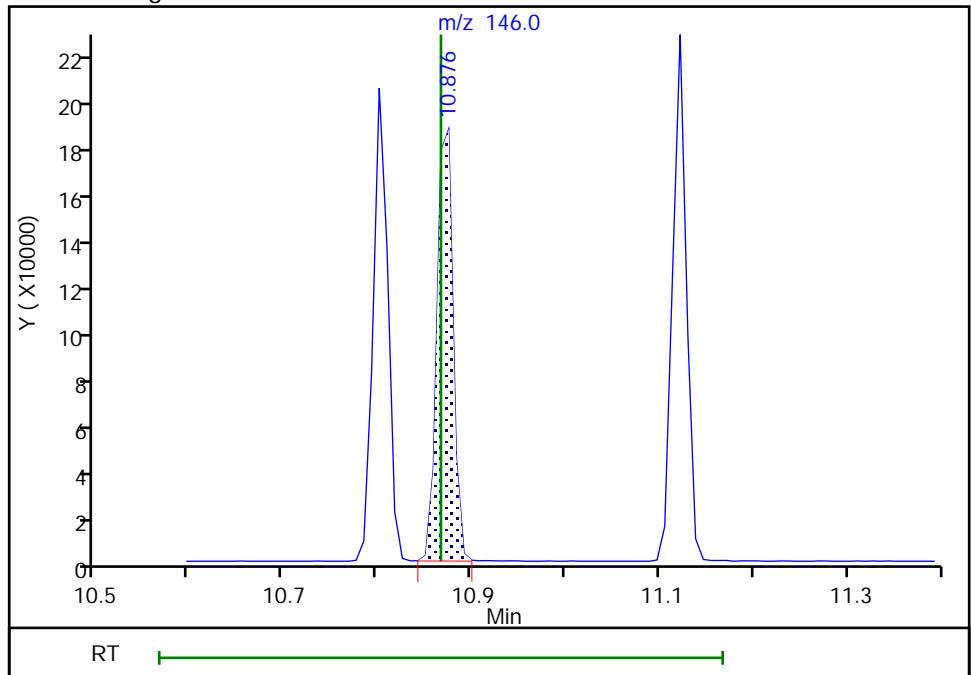
RT: 11.12
Area: 224704
Amount: 47.688189
Amount Units: ug/l

Processing Integration Results



RT: 10.88
Area: 216898
Amount: 46.177274
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:17:19
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

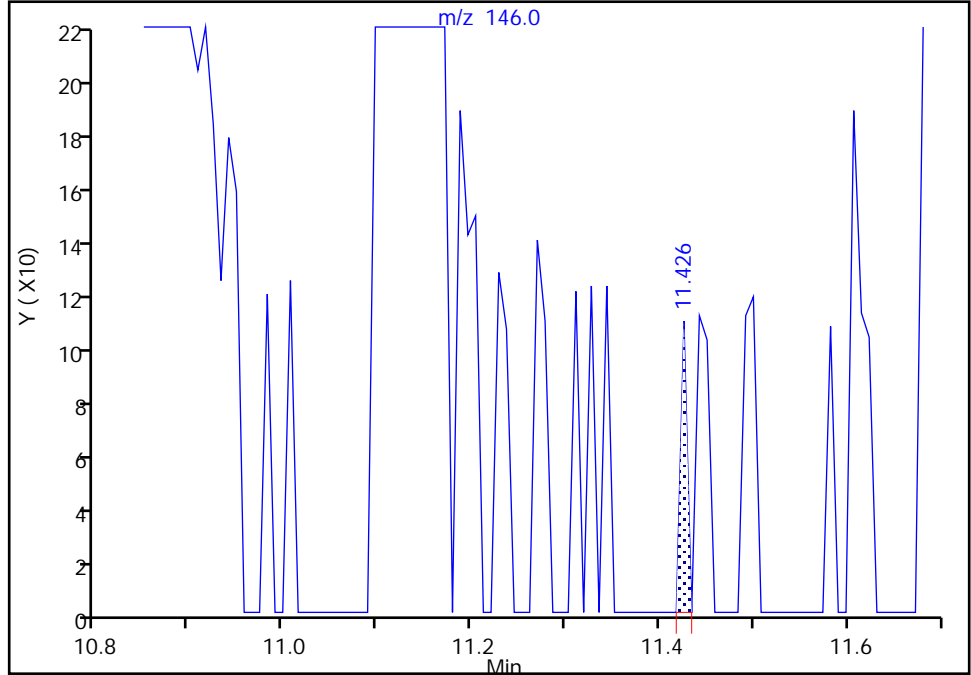
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003704.D
Injection Date: 24-Aug-2020 23:07:30 Instrument ID: CVOAMS6
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

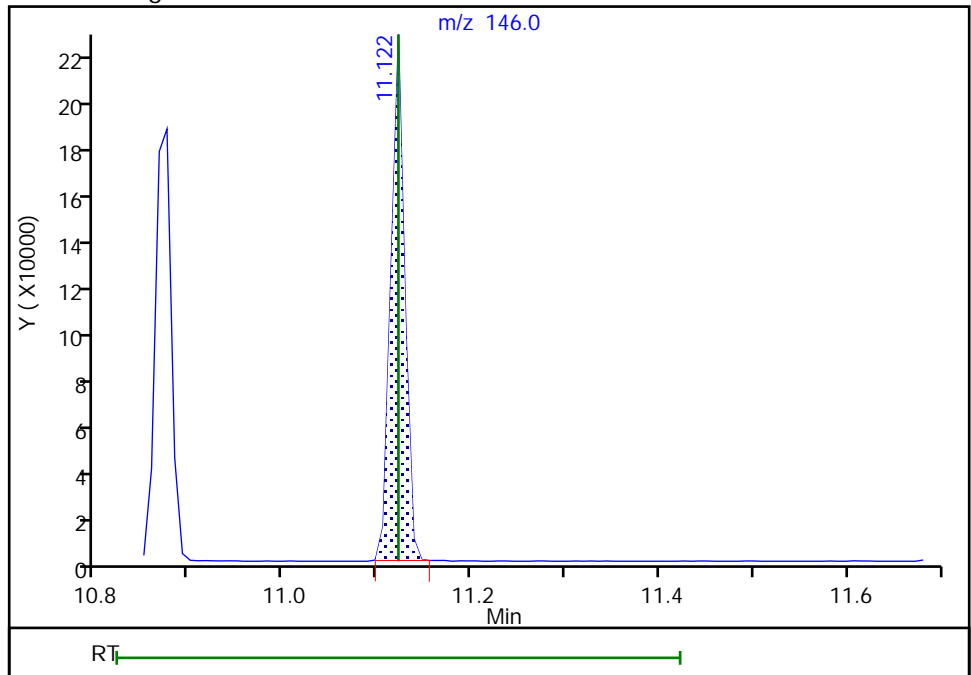
RT: 11.43
Area: 53
Amount: 0.033364
Amount Units: ug/l

Processing Integration Results



RT: 11.12
Area: 225194
Amount: 47.130196
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:17:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003705.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 24-Aug-2020 23:32:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0115680-008
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:37:44 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 25-Aug-2020 06:24:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.574	1.574	0.000	99	518219	200.0	203.8	
2 Chloromethane	50	1.738	1.738	0.000	99	715843	200.0	196.5	
3 Butadiene	54	1.821	1.820	0.001	98	678607	200.0	207.6	
4 Vinyl chloride	62	1.821	1.820	0.001	98	726518	200.0	200.1	
5 Bromomethane	94	2.092	2.092	0.000	99	483773	200.0	209.7	
6 Chloroethane	64	2.141	2.141	0.000	100	462658	200.0	201.5	
7 Dichlorofluoromethane	67	2.322	2.313	0.009	99	1092670	200.0	203.0	
8 Trichlorofluoromethane	101	2.338	2.330	0.008	99	826828	200.0	198.4	
9 Pentane	72	2.355	2.346	0.009	96	196534	400.0	409.9	
10 Ethyl ether	59	2.511	2.511	0.000	94	296213	200.0	160.9	
11 Ethanol	46	2.511	2.511	0.000	78	61636	8000.0	7779.6	
12 2-Methyl-1,3-butadiene	53	2.535	2.527	0.008	97	350097	200.0	161.8	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.568	2.560	0.008	87	317925	200.0	188.4	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	92	526453	200.0	210.5	a
15 Acrolein	56	2.683	2.675	0.008	50	23436	200.0	178.6	
16 112TCTFE	101	2.692	2.691	0.001	96	360034	200.0	203.0	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	97	360262	200.0	203.8	
18 Acetone	43	2.790	2.790	0.000	87	651377	1000.0	989.0	
19 Iodomethane	142	2.872	2.872	0.000	98	650800	200.0	208.4	
20 Isopropyl alcohol	45	2.872	2.880	-0.008	30	248148	2000.0	2412.1	a
21 Carbon disulfide	76	2.930	2.922	0.008	100	1390677	200.0	202.7	
22 3-Chloro-1-propene	41	3.012	3.004	0.008	98	810529	200.0	225.3	
23 Methyl acetate	43	3.020	3.020	0.000	99	694536	400.0	392.5	
24 Cyclopentene	67	3.029	3.028	0.000	94	950838	200.0	207.1	
25 Acetonitrile	41	3.119	3.094	0.025	99	400999	2000.0	1857.0	a
26 Methylene Chloride	84	3.144	3.143	0.001	93	434987	200.0	197.6	
* 27 TBA-d9 (IS)	65	3.152	3.143	0.009	0	214153	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.201	3.193	0.008	94	461177	2000.0	1928.9	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	991952	200.0	195.7	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	96	380119	200.0	200.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.382	3.382	0.000	94	1792000	2000.0	2005.6	
32 Hexane	43	3.456	3.456	0.000	92	272466	200.0	191.6	
33 Isopropyl ether	45	3.661	3.661	0.000	94	1122306	200.0	206.6	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	681043	200.0	206.8	
35 Vinyl acetate	86	3.702	3.702	0.000	99	152202	400.0	363.6	
36 2-Chloro-1,3-butadiene	88	3.735	3.735	0.000	92	343470	200.0	206.9	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	1044947	200.0	200.1	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	258092	250.0	250.0	
39 2,2-Dichloropropane	97	4.187	4.179	0.008	94	116454	200.0	194.3	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	96	423296	200.0	199.0	
41 Ethyl acetate	70	4.212	4.212	0.000	97	104425	400.0	421.7	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	96	296171	1000.0	978.1	
43 Methyl acrylate	55	4.261	4.261	0.000	99	410121	200.0	188.2	
44 Propionitrile	54	4.343	4.335	0.008	98	707723	2000.0	2166.9	
45 Chlorobromomethane	128	4.409	4.409	0.000	96	211323	200.0	215.1	
46 Tetrahydrofuran	72	4.417	4.417	0.000	89	135601	400.0	368.2	
47 Methacrylonitrile	67	4.442	4.433	0.009	92	2112300	2000.0	2163.7	
48 Chloroform	83	4.458	4.458	0.000	98	639919	200.0	199.7	
49 Cyclohexane	84	4.598	4.598	0.000	91	636508	200.0	207.4	
50 1,1,1-Trichloroethane	97	4.614	4.606	0.008	98	579717	200.0	201.9	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	96	91326	50.0	50.6	
52 Carbon tetrachloride	117	4.729	4.721	0.008	96	493278	200.0	208.8	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	96	500701	200.0	199.3	
54 Isobutyl alcohol	43	4.869	4.869	0.000	96	380101	5000.0	5640.2	
55 Benzene	78	4.943	4.943	0.000	97	1562974	200.0	194.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	121236	50.0	51.2	
57 Isopropyl acetate	43	5.001	5.000	0.001	95	1281161	200.0	208.1	
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	91	1157762	200.0	203.1	
59 1,2-Dichloroethane	62	5.033	5.033	0.000	96	532132	200.0	203.1	
60 n-Heptane	57	5.099	5.099	0.000	89	243779	200.0	202.1	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	356163	50.0	50.0	
62 n-Butanol	56	5.526	5.518	0.008	87	310497	5000.0	4795.6	
63 Trichloroethene	95	5.568	5.567	0.001	98	392585	200.0	207.3	
64 Ethyl acrylate	55	5.699	5.691	0.008	97	1072058	200.0	204.2	
65 Methylcyclohexane	83	5.699	5.699	0.000	79	686813	200.0	205.8	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	89	395967	200.0	202.5	
* 67 1,4-Dioxane-d8	96	5.913	5.912	0.001	0	22470	1000.0	1000.0	
68 Methyl methacrylate	100	5.937	5.937	0.000	87	259818	400.0	437.4	
69 Dibromomethane	93	5.987	5.986	0.001	96	258440	200.0	192.2	
70 n-Propyl acetate	43	5.987	5.986	0.001	97	656637	200.0	217.2	
71 1,4-Dioxane	88	5.978	5.986	-0.008	31	71976	4000.0	3742.6	
72 Dichlorobromomethane	83	6.135	6.126	0.008	99	520584	200.0	211.6	
73 2-Chloroethyl vinyl ether	63	6.471	6.463	0.008	69	268179	200.5	207.7	
74 2-Nitropropane	41	6.463	6.463	0.000	85	297960	400.0	403.4	
75 Epichlorohydrin	57	6.578	6.570	0.008	99	1007746	4000.0	4179.8	
76 cis-1,3-Dichloropropene	75	6.628	6.627	0.001	93	683659	200.0	200.0	
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	97	2542427	1000.0	1083.6	
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	98	387585	50.0	48.2	
79 Toluene	91	6.948	6.948	0.000	93	1709229	200.0	197.2	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	98	637957	200.0	204.5	
81 Ethyl methacrylate	69	7.326	7.326	0.000	89	618798	200.0	196.3	
82 1,1,2-Trichloroethane	83	7.507	7.498	0.009	95	318477	200.0	211.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	94	365668	200.0	202.7	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	93	649771	200.0	208.7	
85 2-Hexanone	43	7.778	7.778	0.000	95	1641323	1000.0	1051.6	
86 n-Butyl acetate	43	7.901	7.893	0.008	99	725418	200.0	201.4	
87 Chlorodibromomethane	129	7.942	7.934	0.008	98	400437	200.0	206.4	
88 Ethylene Dibromide	107	8.098	8.090	0.008	98	377892	200.0	198.9	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	87	281485	50.0	50.0	
90 Chlorobenzene	112	8.674	8.673	0.001	93	1100619	200.0	204.0	
91 Ethylbenzene	106	8.789	8.780	0.009	99	610476	200.0	200.9	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	94	403124	200.0	203.0	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	738516	200.0	198.2	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	414322	200.0	208.2	
95 o-Xylene	106	9.413	9.413	0.000	93	793413	200.0	203.9	
96 Styrene	104	9.446	9.446	0.000	95	1261007	200.0	201.8	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	91	952276	200.0	212.4	
98 Bromoform	173	9.651	9.651	0.000	96	289515	200.0	204.9	
99 Isopropylbenzene	105	9.775	9.774	0.001	97	1985014	200.0	208.2	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	86	116562	50.0	49.4	
101 Bromobenzene	156	10.079	10.078	0.001	97	461521	200.0	209.3	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	98	528460	200.0	204.7	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	2414802	200.0	210.8	
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	98	159696	200.0	184.7	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	80	152883	200.0	198.4	
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	1644952	200.0	213.2	
107 4-Ethyltoluene	105	10.243	10.243	0.000	98	1962790	200.0	210.2	
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	92	1670896	200.0	216.3	
109 4-Chlorotoluene	91	10.333	10.325	0.008	97	1407065	200.0	203.7	
110 Butyl Methacrylate	87	10.383	10.382	0.001	91	676928	200.0	205.9	
111 tert-Butylbenzene	119	10.539	10.539	0.000	94	1384874	200.0	223.1	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	98	1784431	200.0	216.3	
113 sec-Butylbenzene	105	10.703	10.703	0.000	99	2185911	200.0	220.1	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	94	935634	200.0	214.3	
115 4-Isopropyltoluene	119	10.810	10.802	0.008	98	1965197	200.0	227.8	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	95	145648	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.876	10.867	0.009	94	901075	200.0	209.3	
118 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	98	1862117	200.0	216.8	
119 Benzyl chloride	91	10.974	10.974	0.000	99	1006499	200.0	199.6	
120 2,3-Dihydroindene	117	11.024	11.023	0.001	94	1818150	200.0	214.4	
121 p-Diethylbenzene	119	11.065	11.064	0.001	93	979492	200.0	216.2	
122 n-Butylbenzene	92	11.081	11.081	0.000	98	977592	200.0	210.9	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	95	922096	200.0	210.5	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	1949283	200.0	221.7	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.615	-0.008	96	137304	200.0	215.1	
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	97	736123	200.0	214.9	
127 1,2,4-Trichlorobenzene	180	12.084	12.083	0.001	94	712042	200.0	208.4	
128 Hexachlorobutadiene	225	12.149	12.157	-0.008	93	259772	200.0	200.0	
129 Naphthalene	128	12.248	12.256	-0.008	99	2011979	200.0	211.6	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	95	671247	200.0	211.1	
S 131 1,2-Dichloroethene, Total	100				0		400.0	399.4	
S 132 Xylenes, Total	100				0		400.0	402.1	

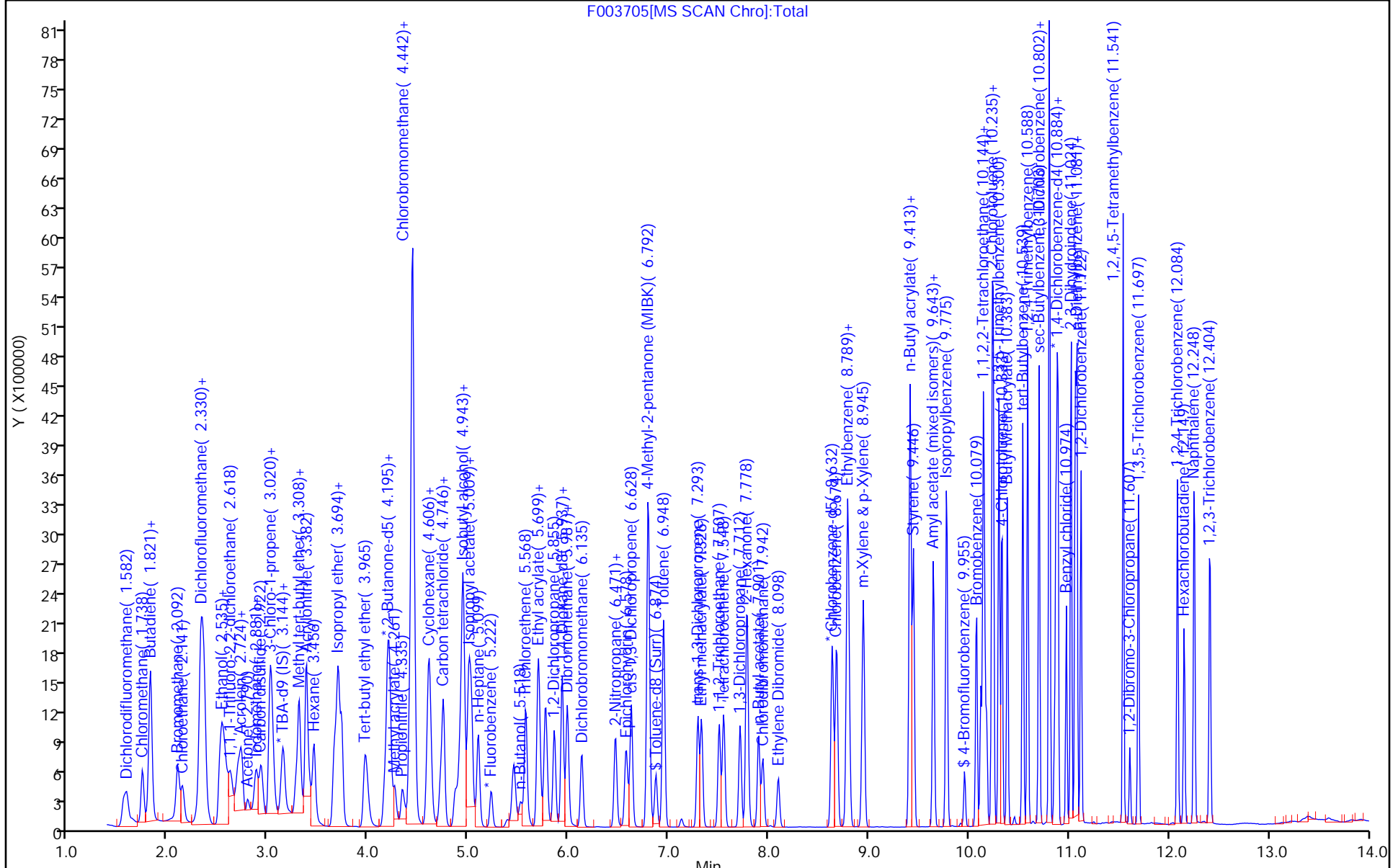
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8FreonHi_00022	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 20.00	Units: uL	
GAS Hi_00369	Amount Added: 20.00	Units: uL	
MIX I Hi_00129	Amount Added: 20.00	Units: uL	
Ethanol mix_00043	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00102	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

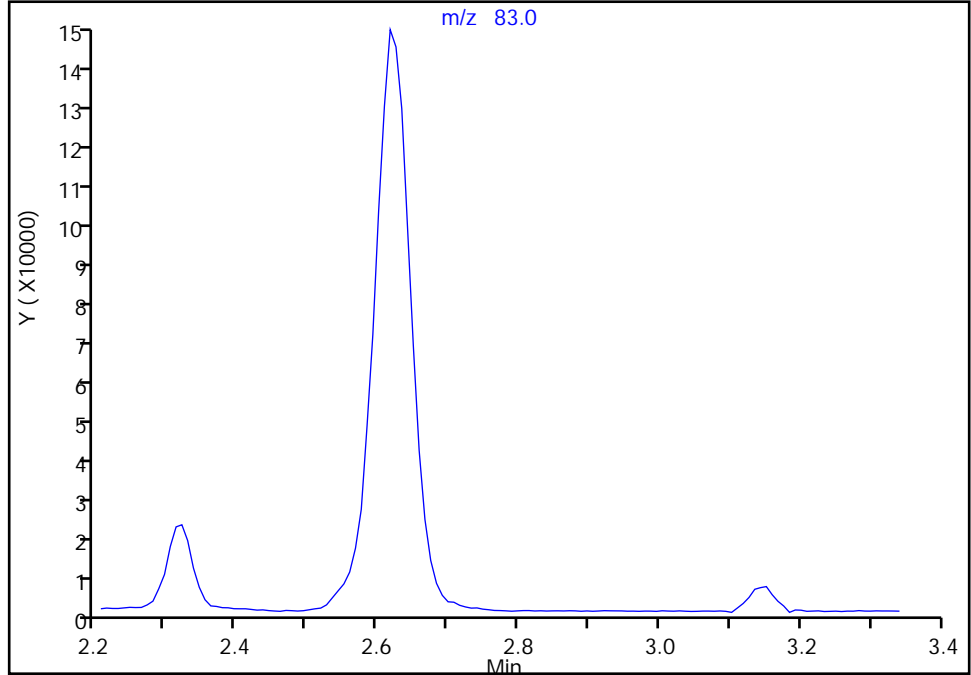
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Injection Date: 24-Aug-2020 23:32:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

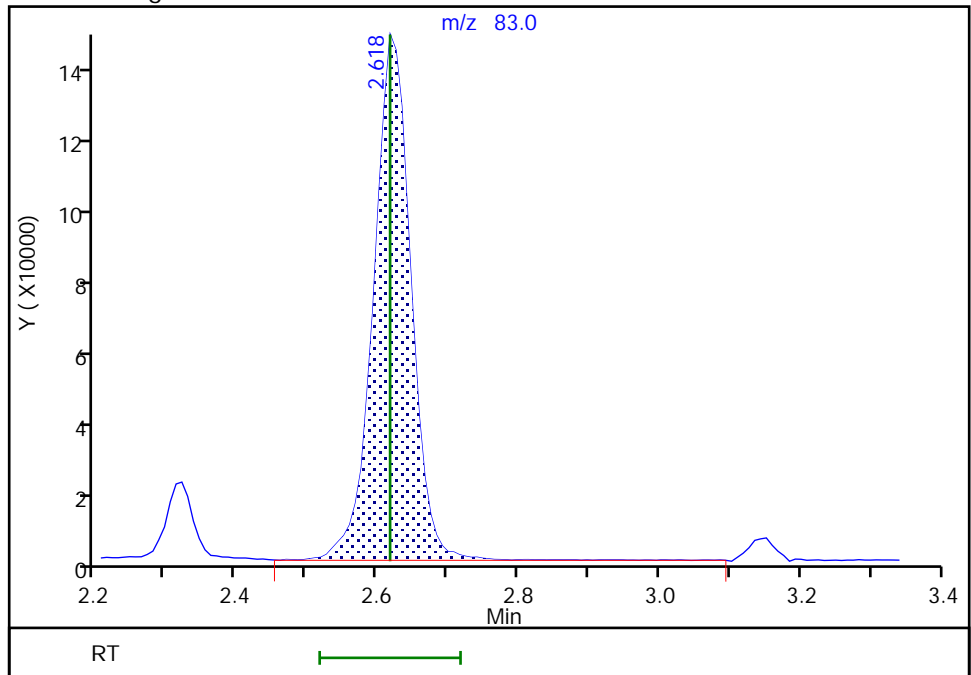
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Expected RT: 2.62

Processing Integration Results



Manual Integration Results

RT: 2.62
Area: 526453
Amount: 210.4992
Amount Units: ug/l



Eurofins TestAmerica, Edison

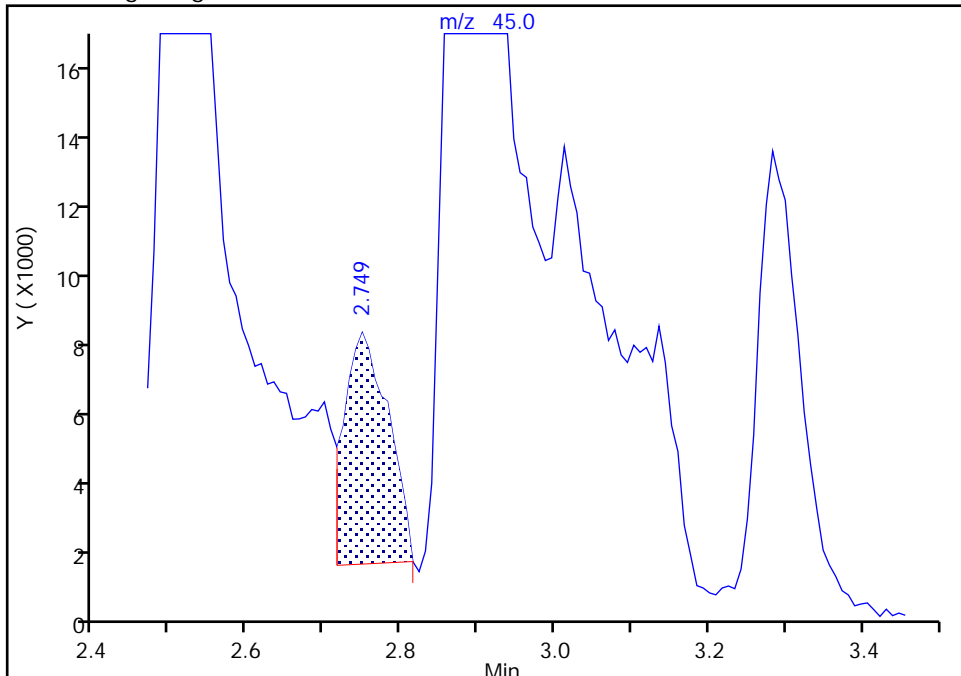
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Injection Date: 24-Aug-2020 23:32:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

20 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

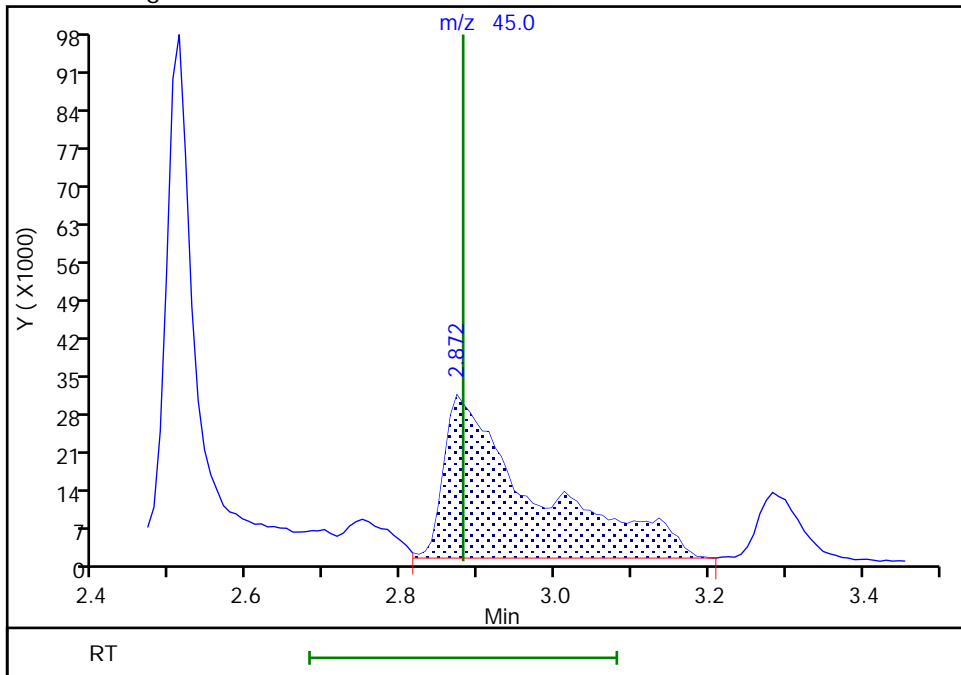
RT: 2.75
Area: 25354
Amount: 314.2972
Amount Units: ug/l

Processing Integration Results



RT: 2.87
Area: 248148
Amount: 2412.0652
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 25-Aug-2020 20:08:32
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

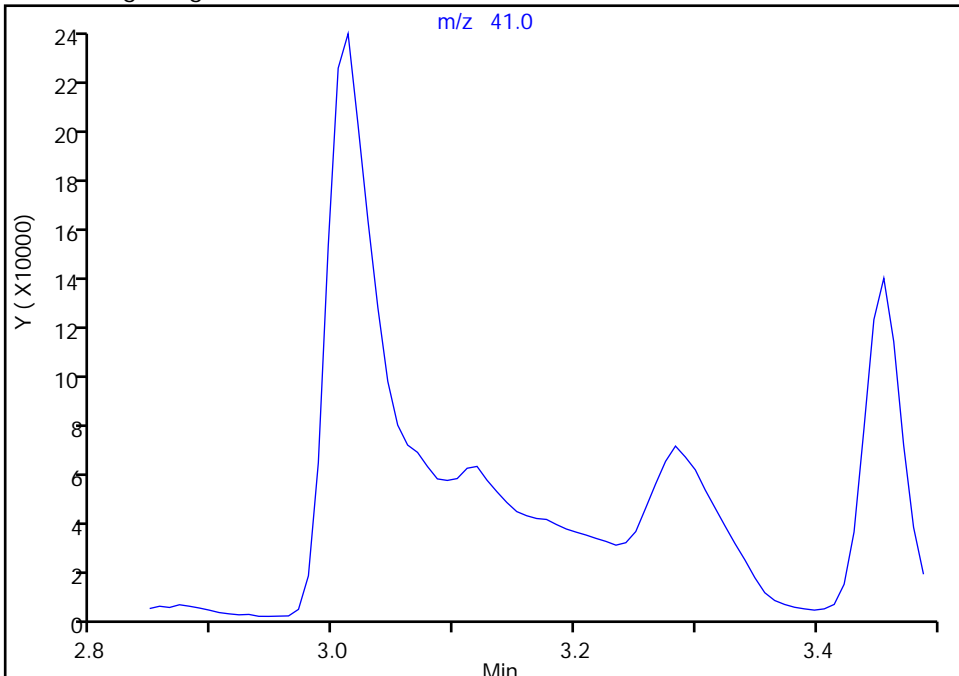
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Injection Date: 24-Aug-2020 23:32:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

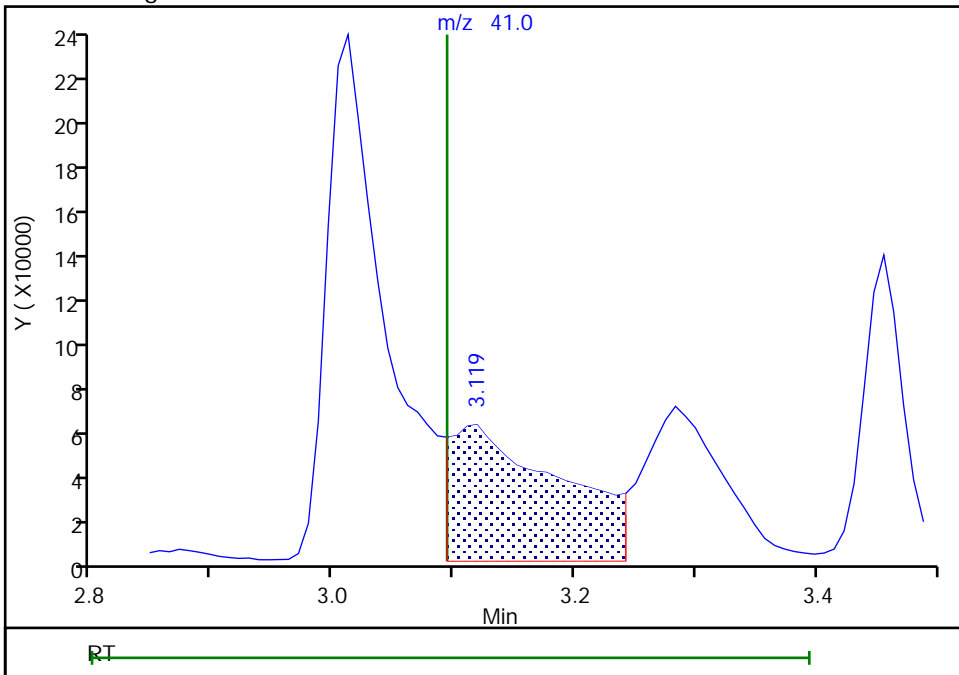
Not Detected
Expected RT: 3.09

Processing Integration Results



Manual Integration Results

RT: 3.12
Area: 400999
Amount: 1857.0003
Amount Units: ug/l



Eurofins TestAmerica, Edison

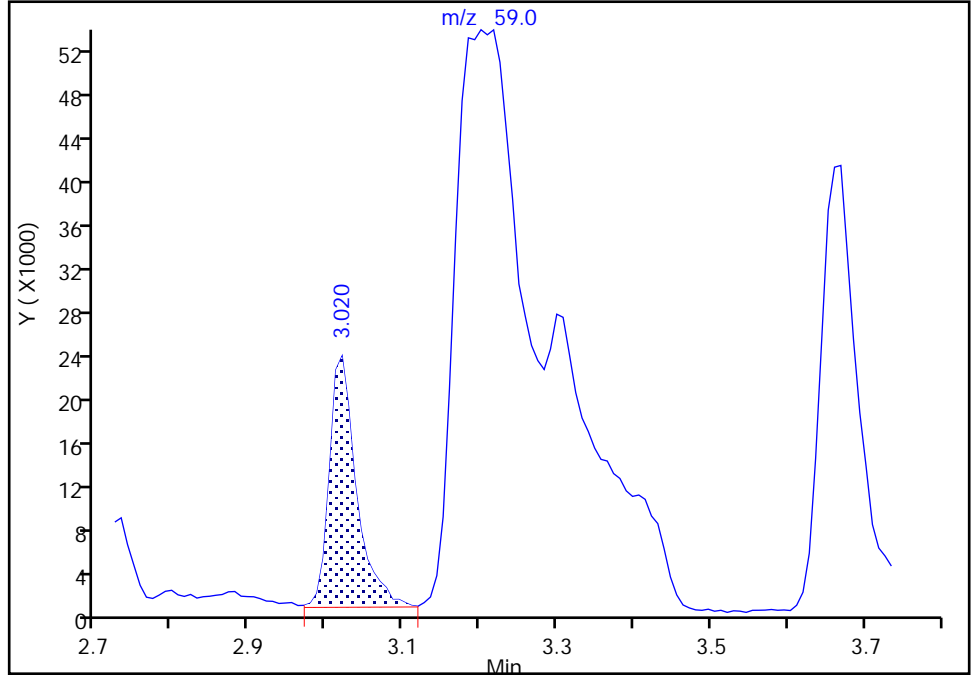
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Injection Date: 24-Aug-2020 23:32:30 Instrument ID: CVOAMS6
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

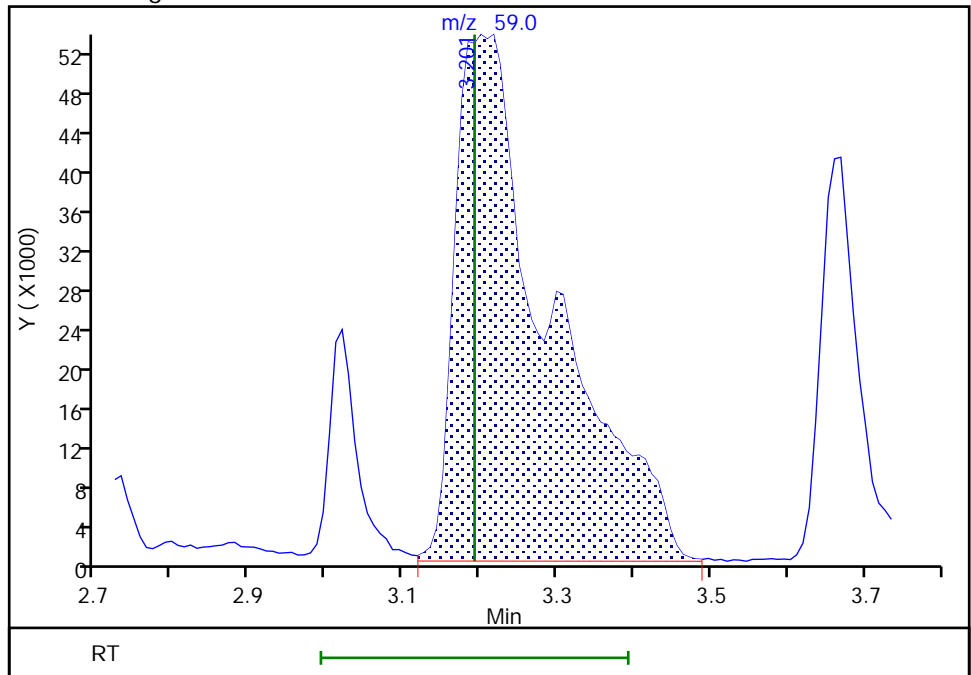
RT: 3.02
Area: 56361
Amount: 256.6226
Amount Units: ug/l

Processing Integration Results



RT: 3.20
Area: 461177
Amount: 1928.8521
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 24-Aug-2020 23:56:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0115680-009
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:38:00 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 25-Aug-2020 06:27:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.574	-0.008	99	1308636	500.0	515.3	
2 Chloromethane	50	1.738	1.738	0.000	99	1801176	500.0	495.2	
3 Butadiene	54	1.820	1.820	0.000	98	1706160	500.0	522.8	
4 Vinyl chloride	62	1.820	1.820	0.000	98	1837614	500.0	506.8	
5 Bromomethane	94	2.092	2.092	0.000	99	1148546	500.0	498.4	
6 Chloroethane	64	2.141	2.141	0.000	100	1130051	500.0	492.8	
7 Dichlorofluoromethane	67	2.313	2.313	0.000	99	2711943	500.0	504.5	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	97	2076983	500.0	499.0	
9 Pentane	72	2.355	2.346	0.009	96	483035	1000.0	949.5	
10 Ethyl ether	59	2.511	2.511	0.000	94	961061	500.0	522.6	
11 Ethanol	46	2.502	2.511	-0.009	85	189045	20000	20025	
12 2-Methyl-1,3-butadiene	53	2.535	2.527	0.008	98	1192457	500.0	551.9	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	88	874228	500.0	518.7	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.618	2.618	0.000	92	1291286	500.0	517.8	a
15 Acrolein	56	2.675	2.675	0.000	36	44710	400.0	321.2	
16 112TCTFE	101	2.691	2.691	0.000	96	895215	500.0	505.5	
17 1,1-Dichloroethene	96	2.733	2.724	0.009	97	899596	500.0	509.5	
18 Acetone	43	2.790	2.790	0.000	88	1567724	2500.0	2157.9	
19 Iodomethane	142	2.872	2.872	0.000	98	1627767	500.0	521.9	
20 Isopropyl alcohol	45	2.872	2.880	-0.008	29	615102	5000.0	5635.9	
21 Carbon disulfide	76	2.922	2.922	0.000	100	3455675	500.0	504.3	
22 3-Chloro-1-propene	41	3.012	3.004	0.008	94	2112804	500.0	588.1	a
23 Methyl acetate	43	3.020	3.020	0.000	99	1778442	1000.0	1006.4	
24 Cyclopentene	67	3.037	3.028	0.009	95	2443514	500.0	532.9	
25 Acetonitrile	41	3.127	3.094	0.033	93	895493	5000.0	3909.0	a
26 Methylene Chloride	84	3.143	3.143	0.000	93	1070254	500.0	486.8	
* 27 TBA-d9 (IS)	65	3.135	3.143	-0.008	0	227188	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.193	3.193	0.000	96	1098198	5000.0	4329.6	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	2325013	500.0	459.3	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	96	951348	500.0	502.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.382	3.382	0.000	94	4348792	5000.0	4873.8	
32 Hexane	43	3.456	3.456	0.000	93	668970	500.0	471.1	
33 Isopropyl ether	45	3.661	3.661	0.000	94	2737246	500.0	504.6	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	1736544	500.0	527.9	
35 Vinyl acetate	86	3.702	3.702	0.000	99	375911	1000.0	899.2	
36 2-Chloro-1,3-butadiene	88	3.735	3.735	0.000	92	848390	500.0	511.7	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	2474247	500.0	474.5	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	284695	250.0	250.0	a
39 2,2-Dichloropropane	97	4.187	4.179	0.008	94	296623	500.0	495.7	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	95	1058530	500.0	498.2	
41 Ethyl acetate	70	4.212	4.212	0.000	96	260458	1000.0	953.6	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	96	738266	2500.0	2210.3	
43 Methyl acrylate	55	4.261	4.261	0.000	99	965717	500.0	408.2	
44 Propionitrile	54	4.343	4.335	0.008	97	1742902	5000.0	5030.3	
45 Chlorobromomethane	128	4.409	4.409	0.000	94	531107	500.0	541.4	
46 Tetrahydrofuran	72	4.417	4.417	0.000	96	333612	1000.0	821.2	
47 Methacrylonitrile	67	4.442	4.433	0.009	94	5581849	5000.0	5725.4	
48 Chloroform	83	4.458	4.458	0.000	97	1607873	500.0	502.5	
49 Cyclohexane	84	4.598	4.598	0.000	91	1608589	500.0	524.8	
50 1,1,1-Trichloroethane	97	4.614	4.606	0.008	98	1452707	500.0	506.5	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	35	92384	50.0	51.3	
52 Carbon tetrachloride	117	4.729	4.721	0.008	96	1227892	500.0	520.4	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	95	1223980	500.0	487.9	
54 Isobutyl alcohol	43	4.869	4.869	0.000	97	738623	12500	10331	a
55 Benzene	78	4.943	4.943	0.000	97	3889926	500.0	444.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.959	4.959	0.000	0	132061	50.0	55.9	a
57 Isopropyl acetate	43	5.000	5.000	0.000	96	3260940	500.0	530.3	a
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	91	2809994	500.0	493.6	a
59 1,2-Dichloroethane	62	5.033	5.033	0.000	96	1296021	500.0	495.4	
60 n-Heptane	57	5.099	5.099	0.000	89	582690	500.0	483.6	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	355682	50.0	50.0	
62 n-Butanol	56	5.518	5.518	0.000	87	757858	12500	11033	
63 Trichloroethene	95	5.567	5.567	0.000	98	966411	500.0	511.1	
64 Ethyl acrylate	55	5.699	5.691	0.008	97	2752328	500.0	525.0	
65 Methylcyclohexane	83	5.699	5.699	0.000	88	1768485	500.0	530.6	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	88	965080	500.0	494.3	
* 67 1,4-Dioxane-d8	96	5.986	5.912	0.074	0	24558	1000.0	1000.0	a
68 Methyl methacrylate	100	5.937	5.937	0.000	87	645969	1000.0	1089.0	
69 Dibromomethane	93	5.986	5.986	0.000	95	639183	500.0	476.0	
70 n-Propyl acetate	43	5.986	5.986	0.000	98	1648059	500.0	545.9	
71 1,4-Dioxane	88	5.978	5.986	-0.008	32	170367	10000	8105.6	
72 Dichlorobromomethane	83	6.134	6.126	0.008	99	1278860	500.0	520.5	
73 2-Chloroethyl vinyl ether	63	6.471	6.463	0.008	70	691517	501.2	536.3	
74 2-Nitropropane	41	6.471	6.463	0.008	83	750306	1000.0	1017.3	
75 Epichlorohydrin	57	6.578	6.570	0.008	99	2502815	10000	9410.7	
76 cis-1,3-Dichloropropene	75	6.627	6.627	0.000	94	1703050	500.0	458.9	a
77 4-Methyl-2-pentanone (MIBK)	43	6.800	6.792	0.008	97	6637228	2500.0	2564.5	a
\$ 78 Toluene-d8 (Surr)	98	6.874	6.874	0.000	98	389732	50.0	44.6	
79 Toluene	91	6.948	6.948	0.000	93	4296547	500.0	456.6	
80 trans-1,3-Dichloropropene	75	7.293	7.293	0.000	98	1649306	500.0	487.0	
81 Ethyl methacrylate	69	7.326	7.326	0.000	89	1556778	500.0	455.0	
82 1,1,2-Trichloroethane	83	7.507	7.498	0.009	95	791196	500.0	483.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	94	915012	500.0	467.2	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	93	1650633	500.0	488.4	
85 2-Hexanone	43	7.786	7.778	0.008	96	4336679	2500.0	2518.9	
86 n-Butyl acetate	43	7.901	7.893	0.008	99	1862261	500.0	476.1	
87 Chlorodibromomethane	129	7.942	7.934	0.008	98	1022572	500.0	485.5	
88 Ethylene Dibromide	107	8.098	8.090	0.008	98	959111	500.0	464.9	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	84	305628	50.0	50.0	a
90 Chlorobenzene	112	8.682	8.673	0.009	93	2886463	500.0	492.8	
91 Ethylbenzene	106	8.788	8.780	0.008	99	1607169	500.0	487.1	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	95	1040271	500.0	482.5	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	1894307	500.0	468.3	
94 n-Butyl acrylate	73	9.413	9.405	0.008	97	1099025	500.0	508.5	
95 o-Xylene	106	9.421	9.413	0.008	93	2111865	500.0	499.7	
96 Styrene	104	9.446	9.446	0.000	95	3293560	500.0	485.4	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	91	2609897	500.0	564.6	
98 Bromoform	173	9.651	9.651	0.000	96	773774	500.0	504.3	
99 Isopropylbenzene	105	9.783	9.774	0.009	96	5194009	500.0	501.8	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	124512	50.0	48.6	
101 Bromobenzene	156	10.078	10.078	0.000	98	1230913	500.0	541.4	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	98	1348701	500.0	506.8	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	6336720	500.0	536.4	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	98	408406	500.0	458.2	a
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	80	392056	500.0	493.4	a
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	4515099	500.0	567.5	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	99	5289379	500.0	549.4	a
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	93	4377583	500.0	549.5	
109 4-Chlorotoluene	91	10.333	10.325	0.008	98	3682048	500.0	517.0	a
110 Butyl Methacrylate	87	10.391	10.382	0.009	93	1700217	500.0	501.5	
111 tert-Butylbenzene	119	10.539	10.539	0.000	93	3675210	500.0	574.3	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	98	4633797	500.0	544.7	
113 sec-Butylbenzene	105	10.703	10.703	0.000	98	5662272	500.0	552.9	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	92	2560924	500.0	568.9	a
115 4-Isopropyltoluene	119	10.810	10.802	0.008	97	5294683	500.0	595.3	
* 116 1,4-Dichlorobenzene-d4	152	10.859	10.859	0.000	96	150177	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.876	10.867	0.009	94	2362102	500.0	532.0	a
118 1,2,3-Trimethylbenzene	105	10.892	10.892	0.000	99	4889834	500.0	552.2	
119 Benzyl chloride	91	10.974	10.974	0.000	98	2473035	500.0	475.8	
120 2,3-Dihydroindene	117	11.023	11.023	0.000	94	4611349	500.0	527.3	
121 p-Diethylbenzene	119	11.065	11.064	0.000	93	2533721	500.0	542.4	
122 n-Butylbenzene	92	11.081	11.081	0.000	98	2521628	500.0	527.6	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	95	2272283	500.0	503.1	a
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	97	5311873	500.0	585.9	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.615	0.000	96	329173	500.0	500.2	
126 1,3,5-Trichlorobenzene	180	11.697	11.697	0.000	97	1960878	500.0	555.3	
127 1,2,4-Trichlorobenzene	180	12.083	12.083	0.000	94	1885911	500.0	535.2	
128 Hexachlorobutadiene	225	12.149	12.157	-0.008	93	705888	500.0	527.1	
129 Naphthalene	128	12.256	12.256	0.000	99	5087063	500.0	518.9	
130 1,2,3-Trichlorobenzene	180	12.412	12.412	0.000	95	1732044	500.0	528.2	
S 131 1,2-Dichloroethene, Total	100				0		1000.0	1000.7	
S 132 Xylenes, Total	100				0		1000.0	968.1	

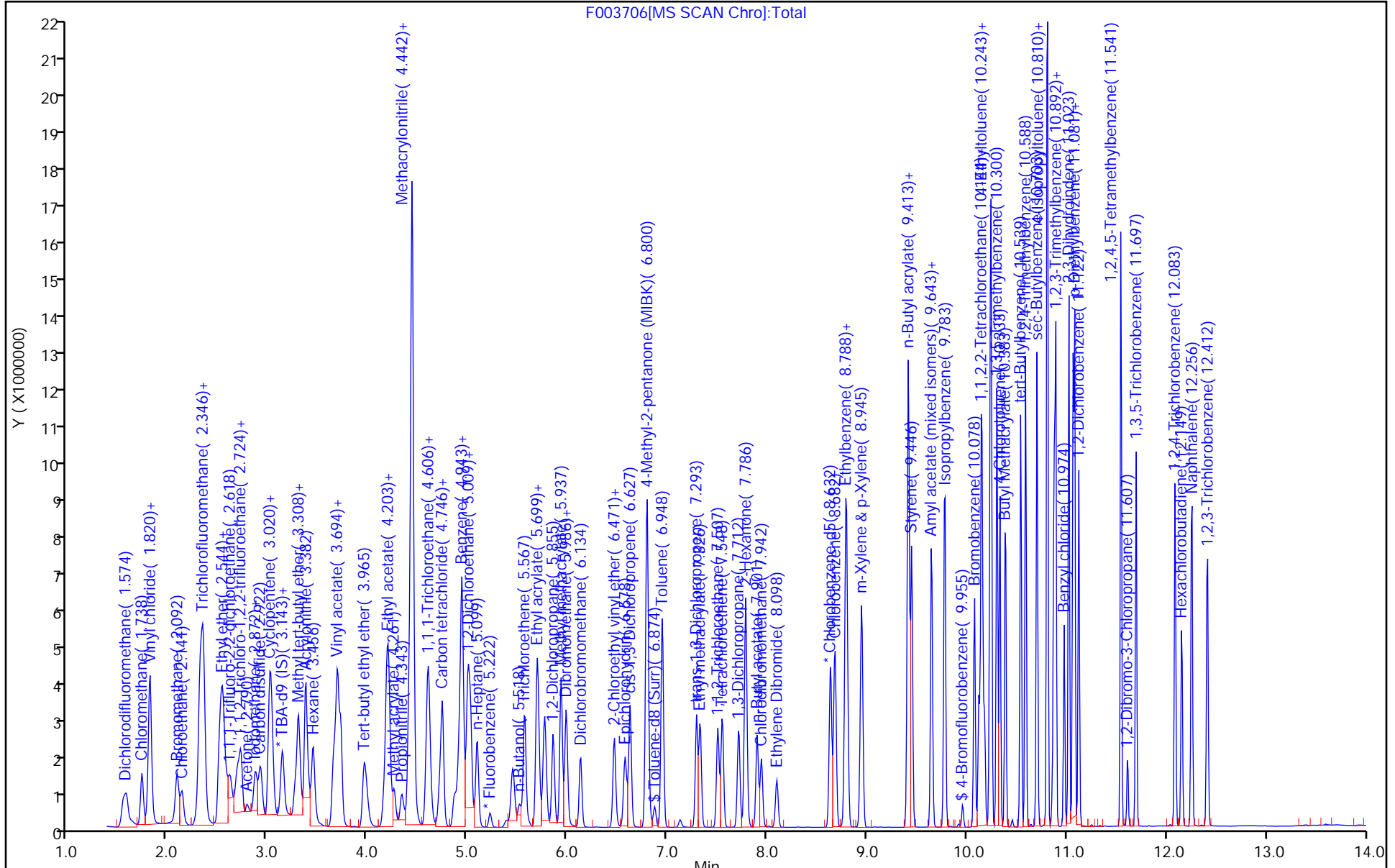
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8FreonHi_00022	Amount Added: 50.00	Units: uL	
ACROLEIN W_00111	Amount Added: 40.00	Units: uL	
GAS Hi_00369	Amount Added: 50.00	Units: uL	
MIX I Hi_00129	Amount Added: 50.00	Units: uL	
Ethanol mix_00043	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00102	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

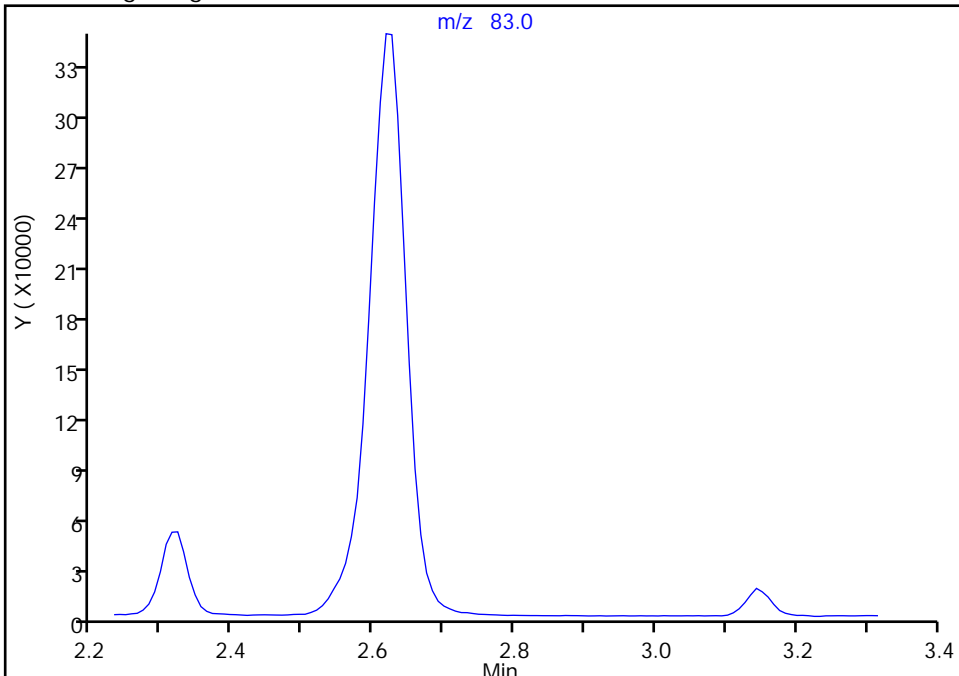
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Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

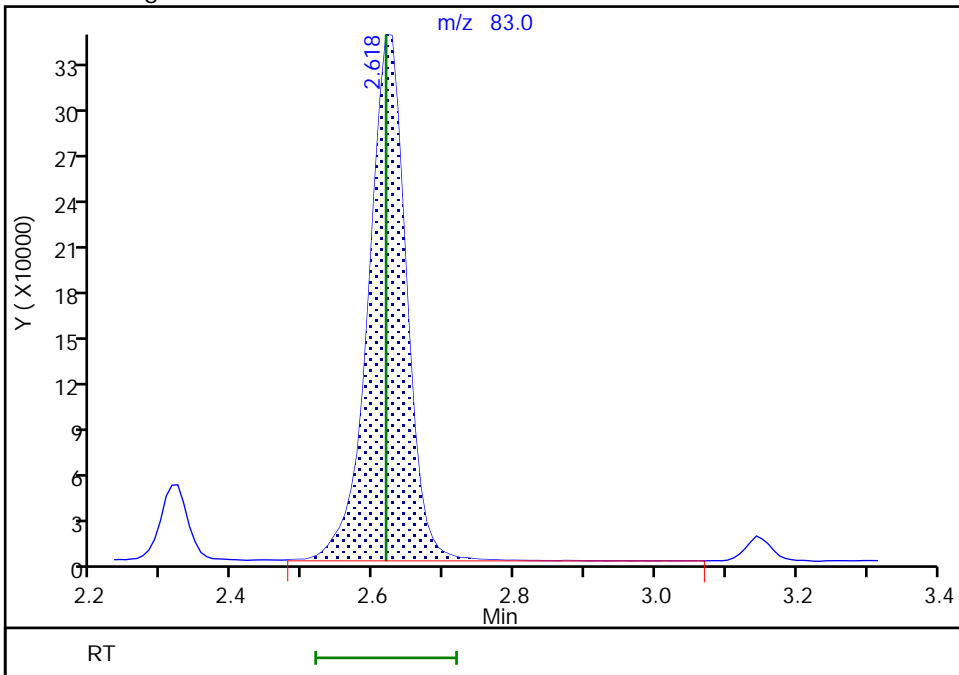
Not Detected
Expected RT: 2.62

Processing Integration Results



Manual Integration Results

RT: 2.62
Area: 1291286
Amount: 517.8362
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:21:16
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

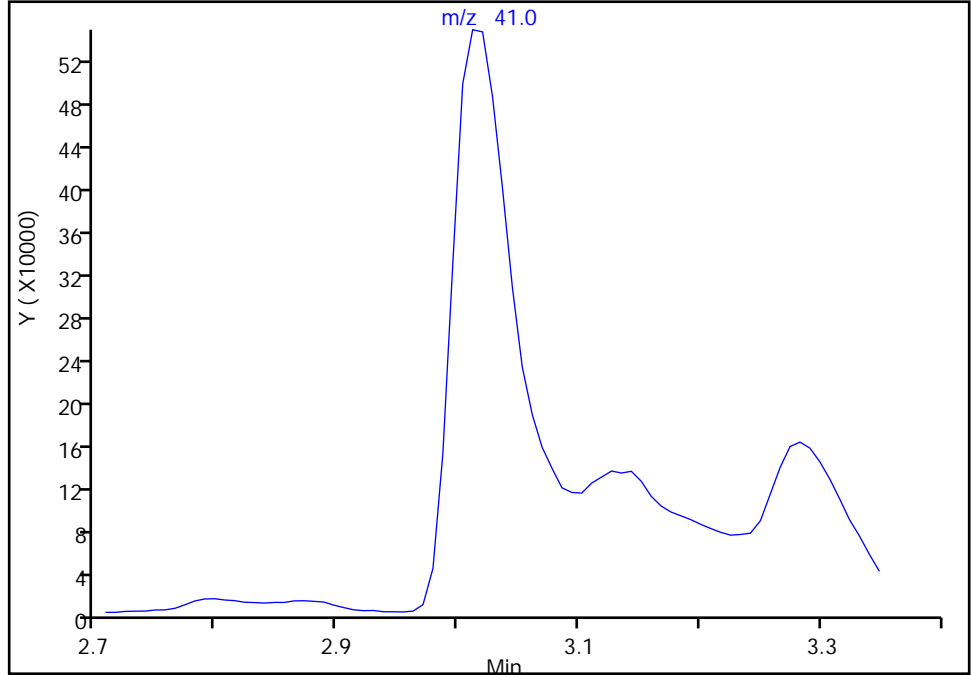
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

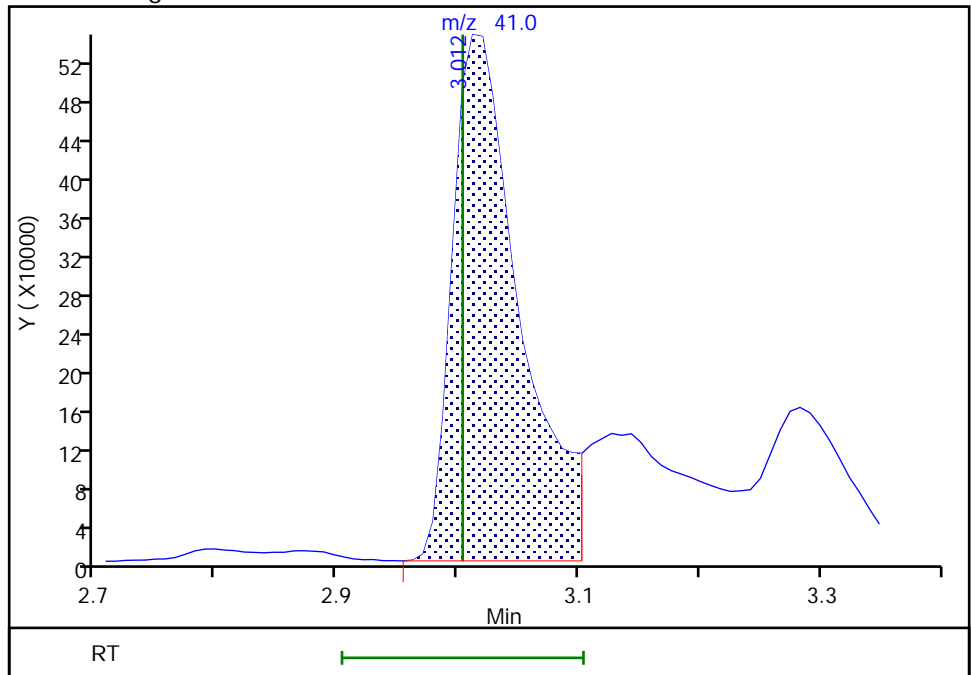
Not Detected
Expected RT: 3.00

Processing Integration Results



Manual Integration Results

RT: 3.01
Area: 2112804
Amount: 588.1325
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:21:25
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

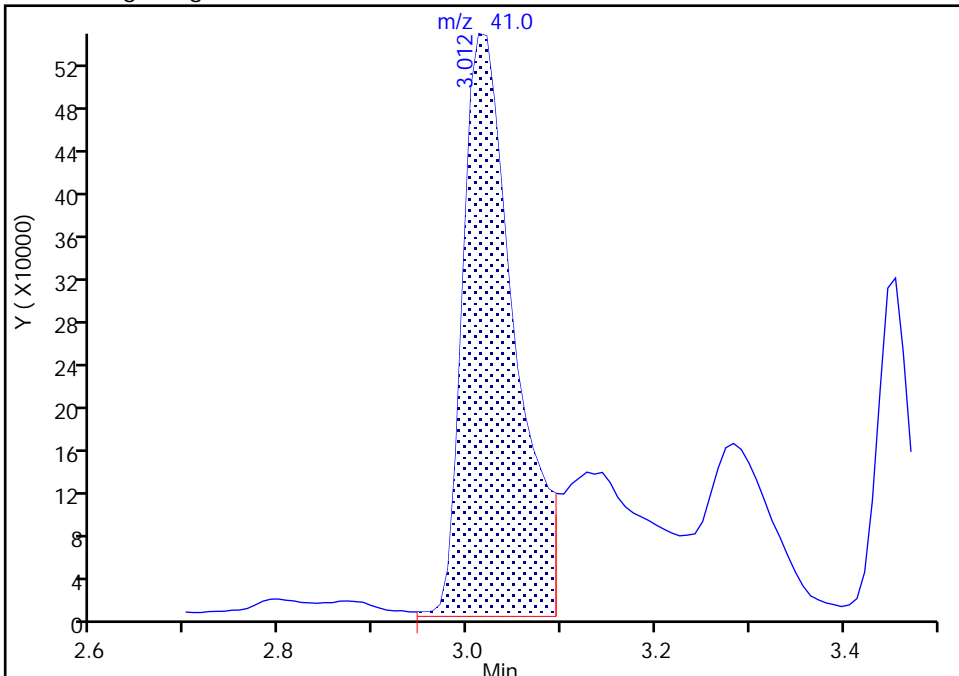
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Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

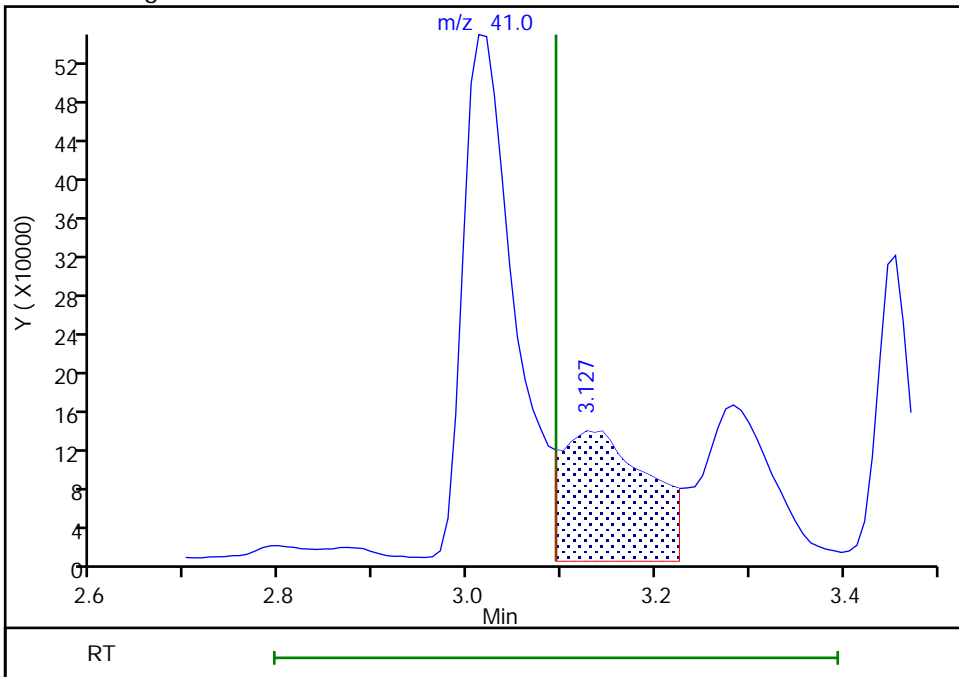
RT: 3.01
Area: 2095513
Amount: 5005.3545
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 895493
Amount: 3909.0359
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

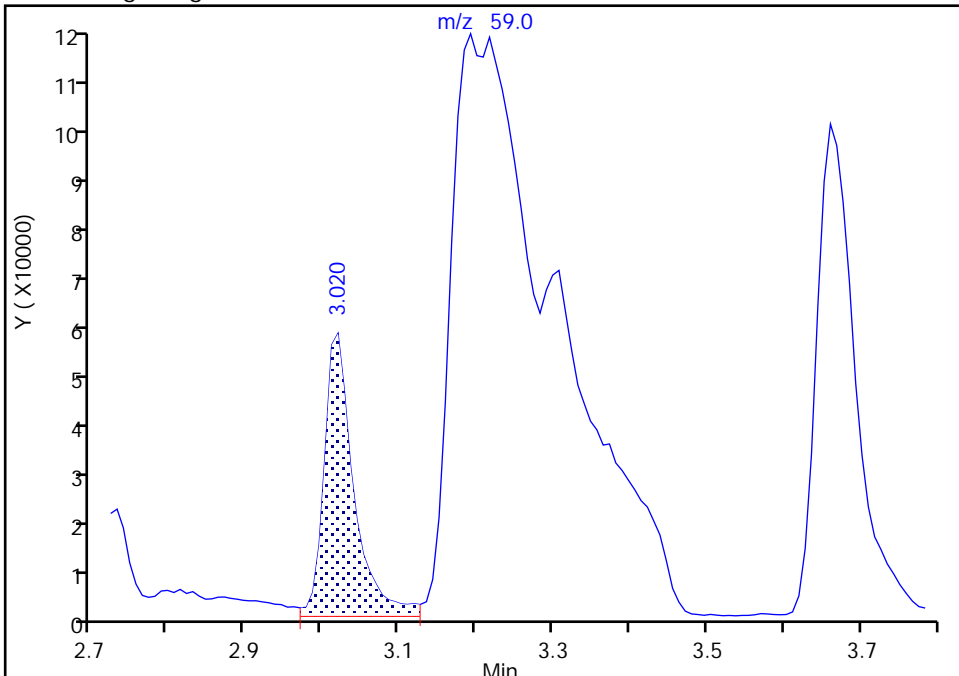
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

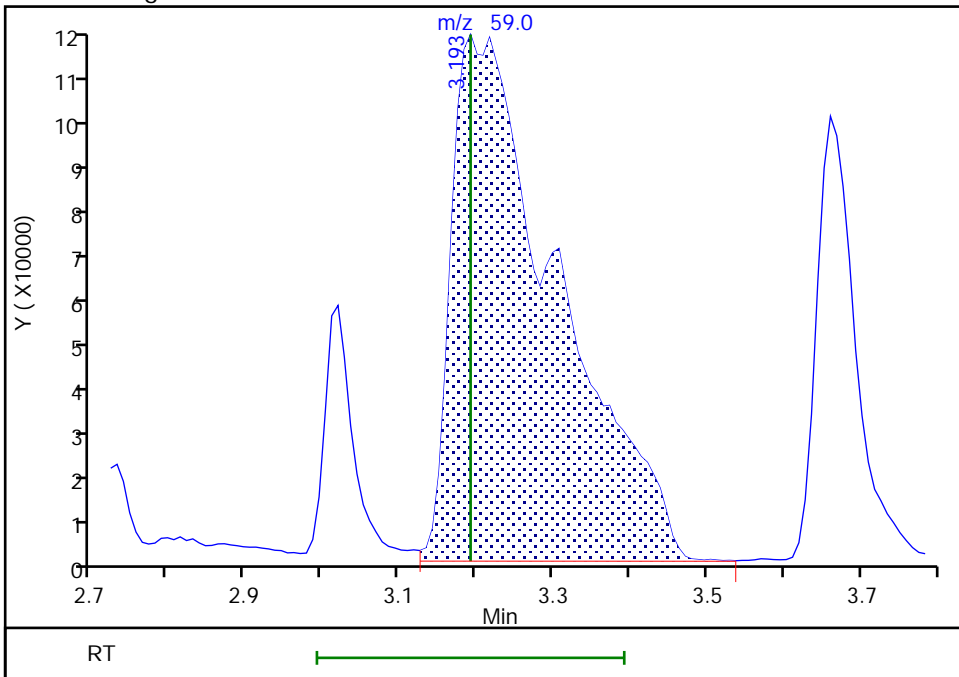
RT: 3.02
Area: 149830
Amount: 1079.6877
Amount Units: ug/l

Processing Integration Results



RT: 3.19
Area: 1098198
Amount: 4329.6294
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

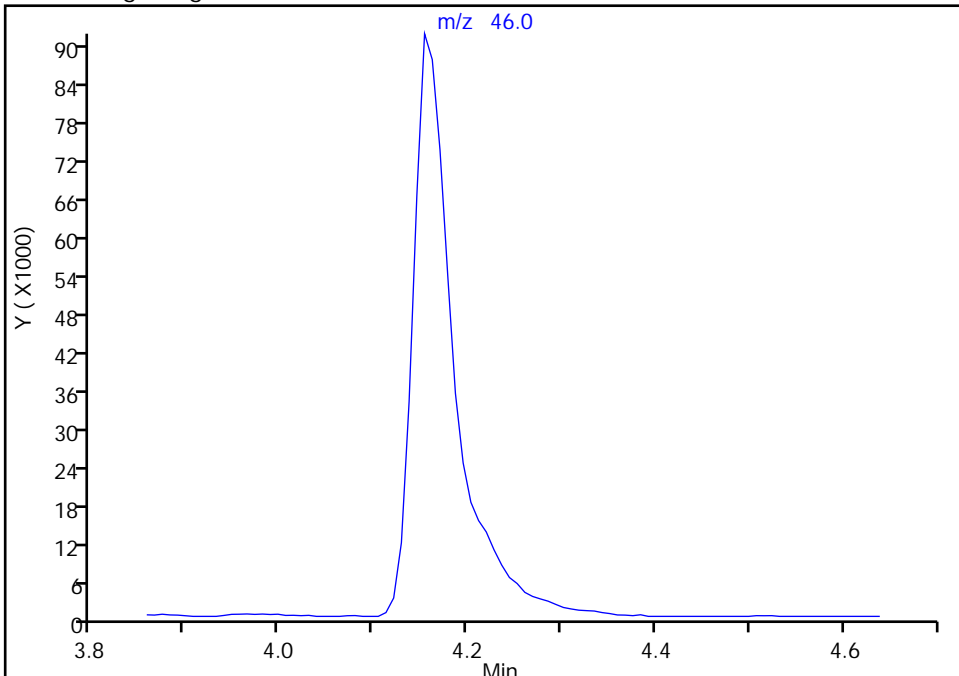
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

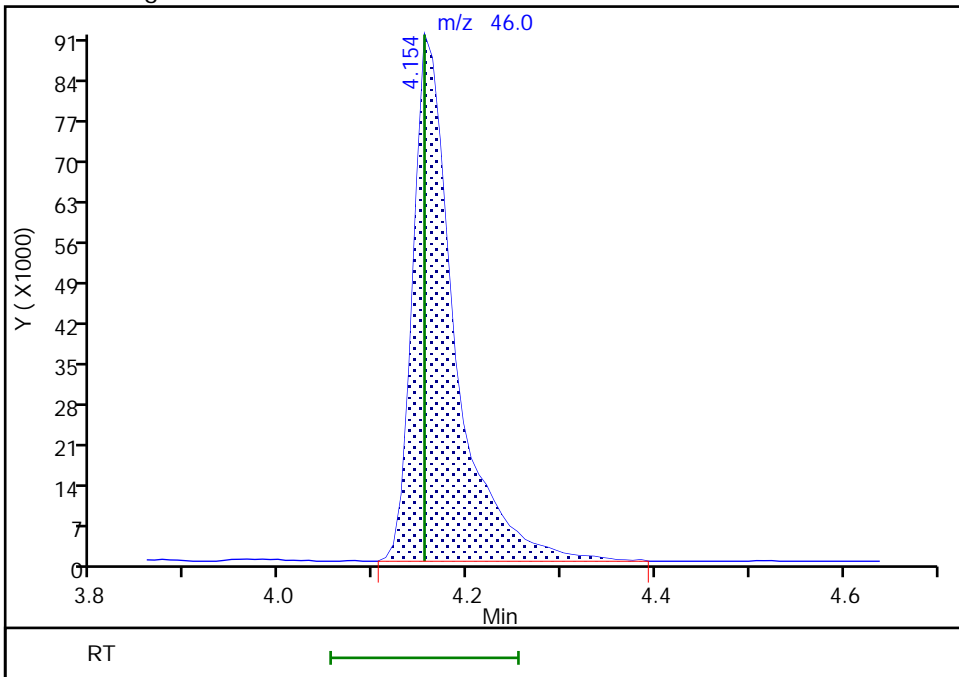
Not Detected
Expected RT: 4.15

Processing Integration Results



RT: 4.15
Area: 284695
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

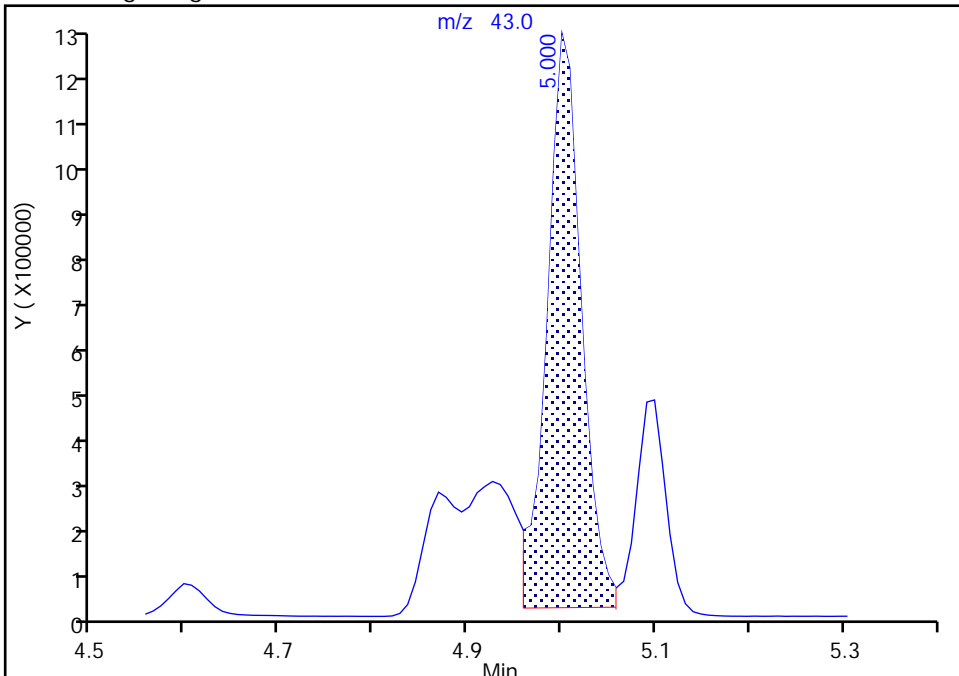
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

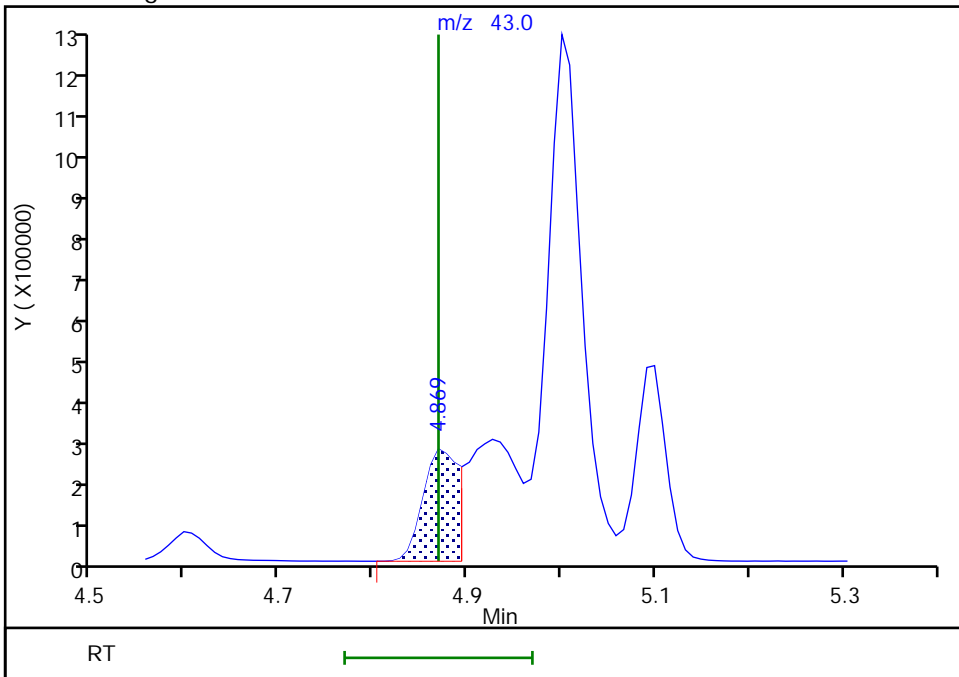
RT: 5.00
Area: 3214898
Amount: 12512
Amount Units: ug/l

Processing Integration Results



RT: 4.87
Area: 738623
Amount: 10331
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:21:53
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

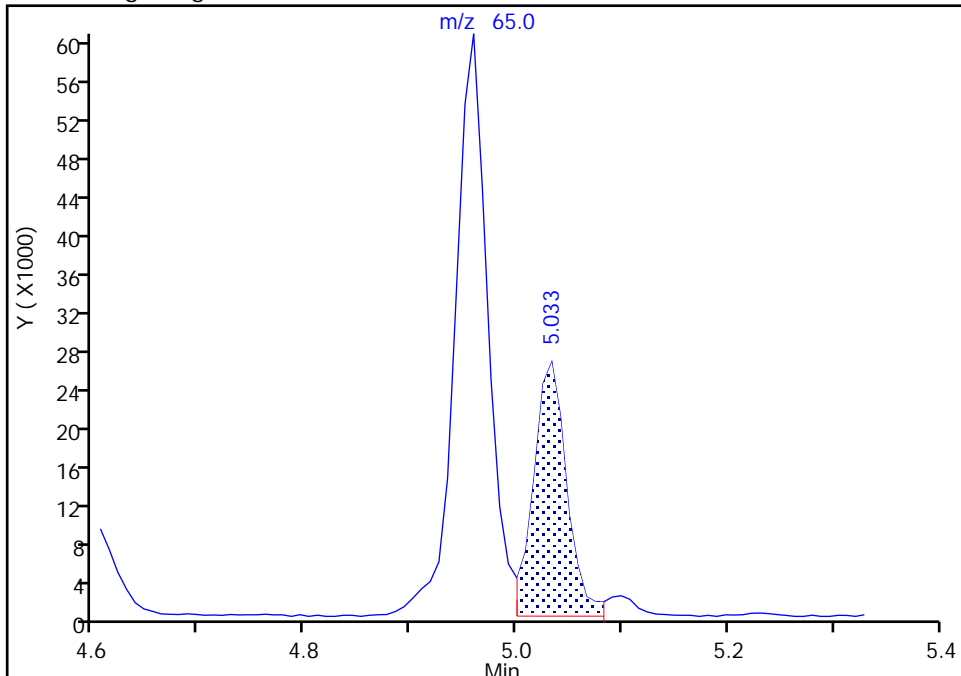
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Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

\$ 56 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

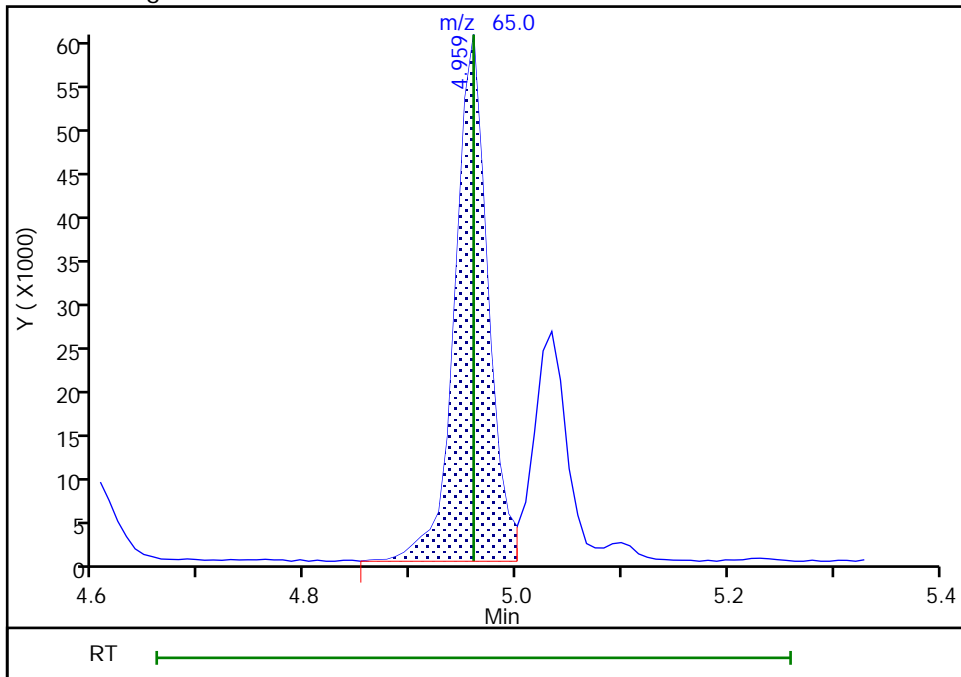
RT: 5.03
Area: 58026
Amount: 41.672715
Amount Units: ug/l

Processing Integration Results



RT: 4.96
Area: 132061
Amount: 55.873434
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 06:26:51
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

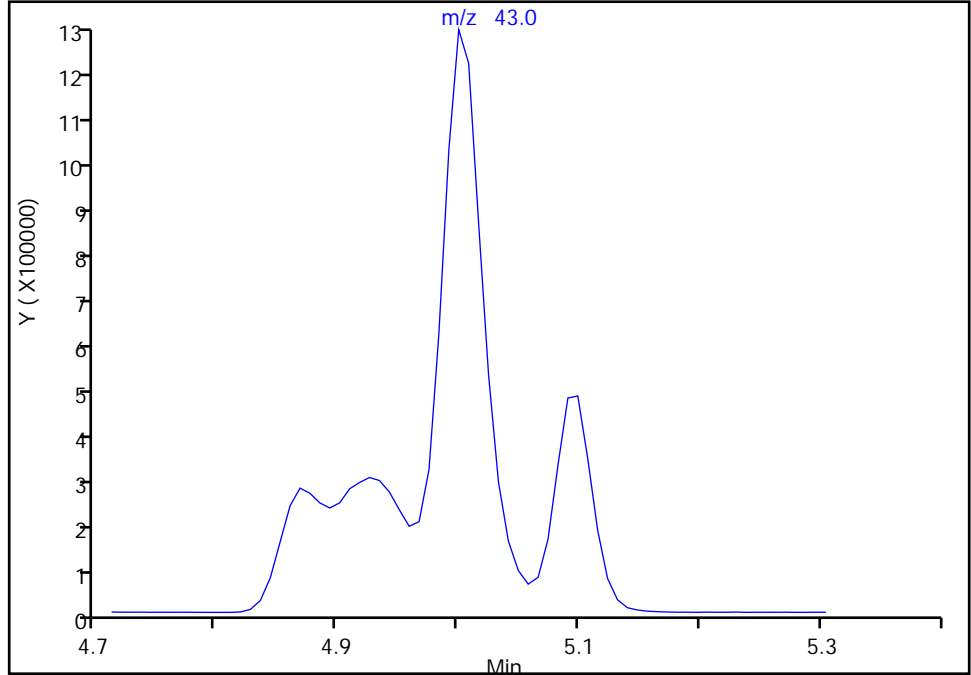
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

57 Isopropyl acetate, CAS: 108-21-4

Signal: 1

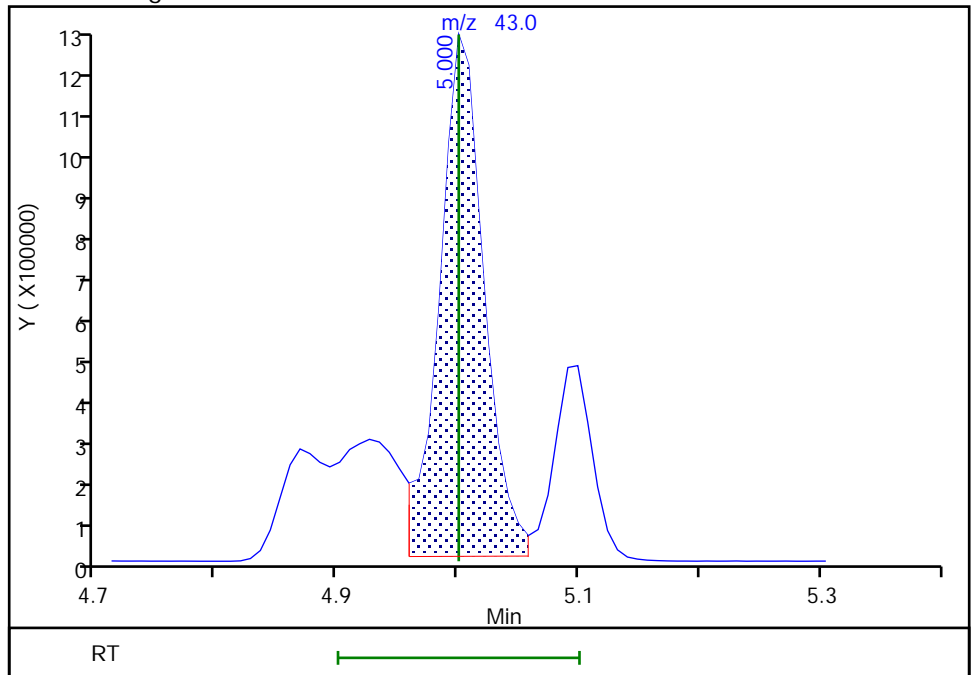
Not Detected
Expected RT: 5.00

Processing Integration Results



Manual Integration Results

RT: 5.00
Area: 3260940
Amount: 530.2743
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:21:59
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

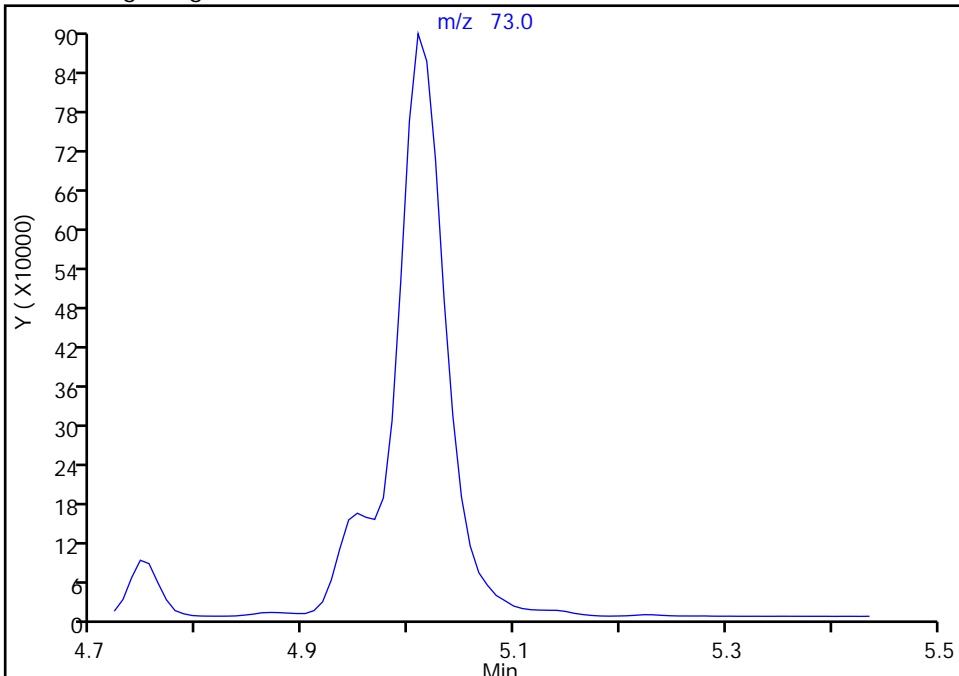
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

58 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

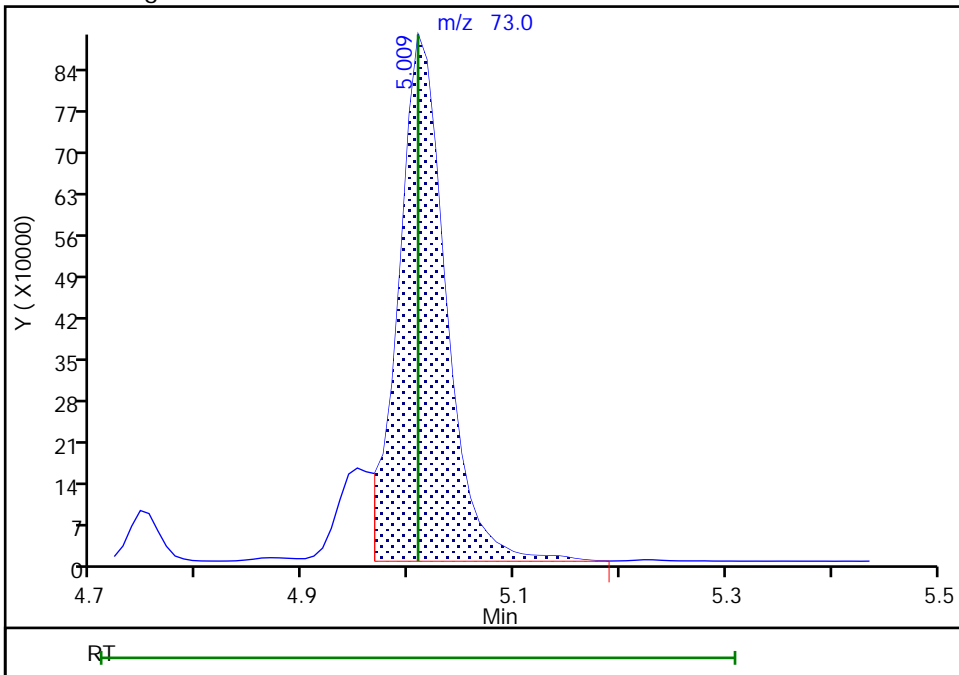
Not Detected
Expected RT: 5.01

Processing Integration Results



Manual Integration Results

RT: 5.01
Area: 2809994
Amount: 493.5932
Amount Units: ug/l



Eurofins TestAmerica, Edison

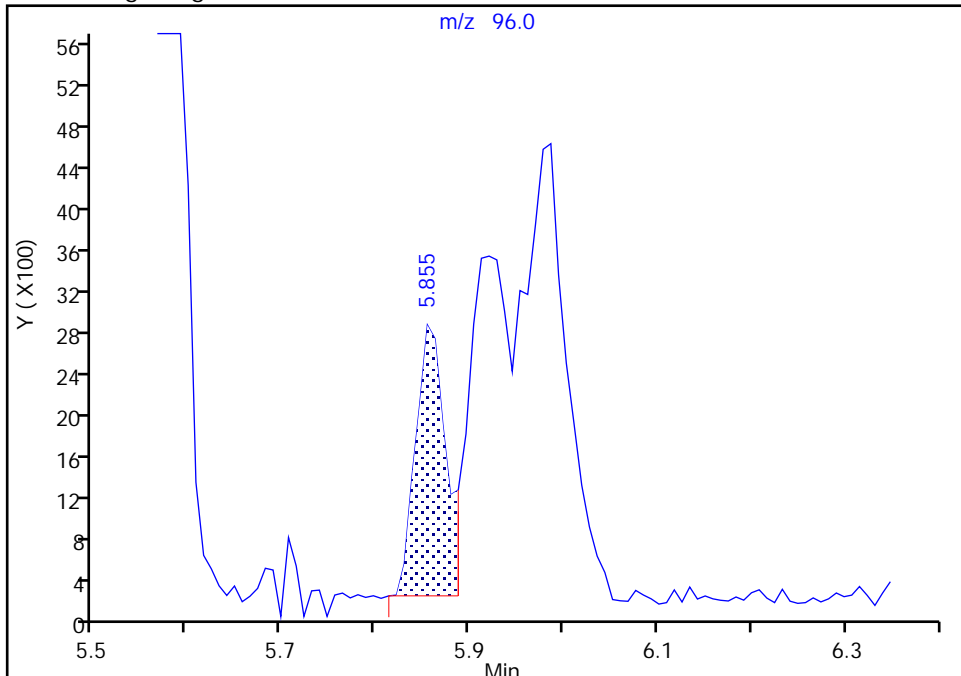
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

* 67 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

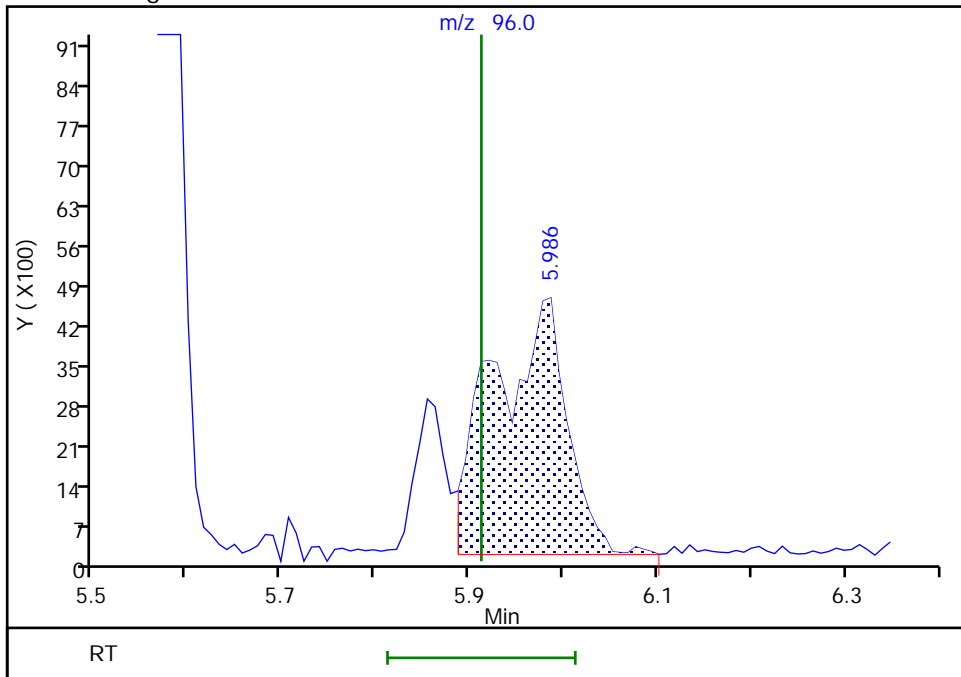
RT: 5.85
Area: 6001
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.99
Area: 24558
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

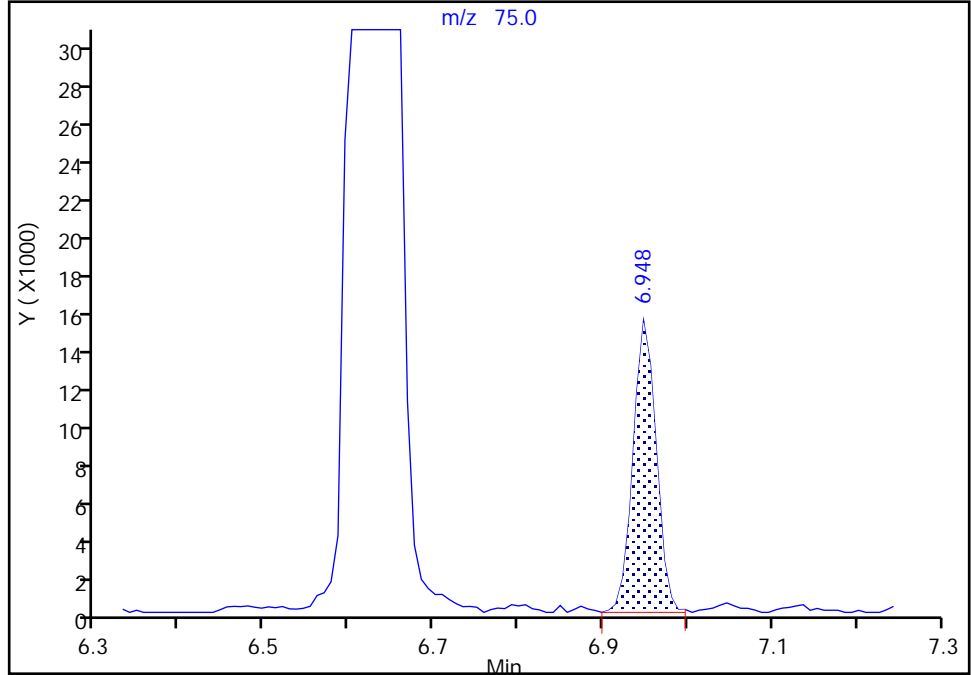
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

76 cis-1,3-Dichloropropene, CAS: 10061-01-5

Signal: 1

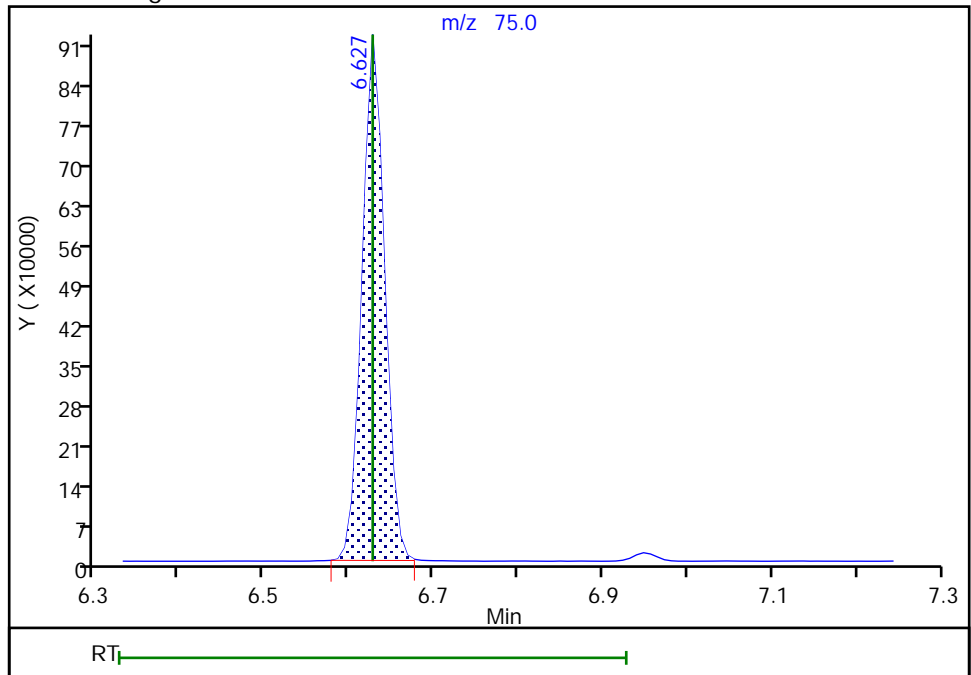
RT: 6.95
Area: 28526
Amount: 10.552291
Amount Units: ug/l

Processing Integration Results



RT: 6.63
Area: 1703050
Amount: 458.9440
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:17
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

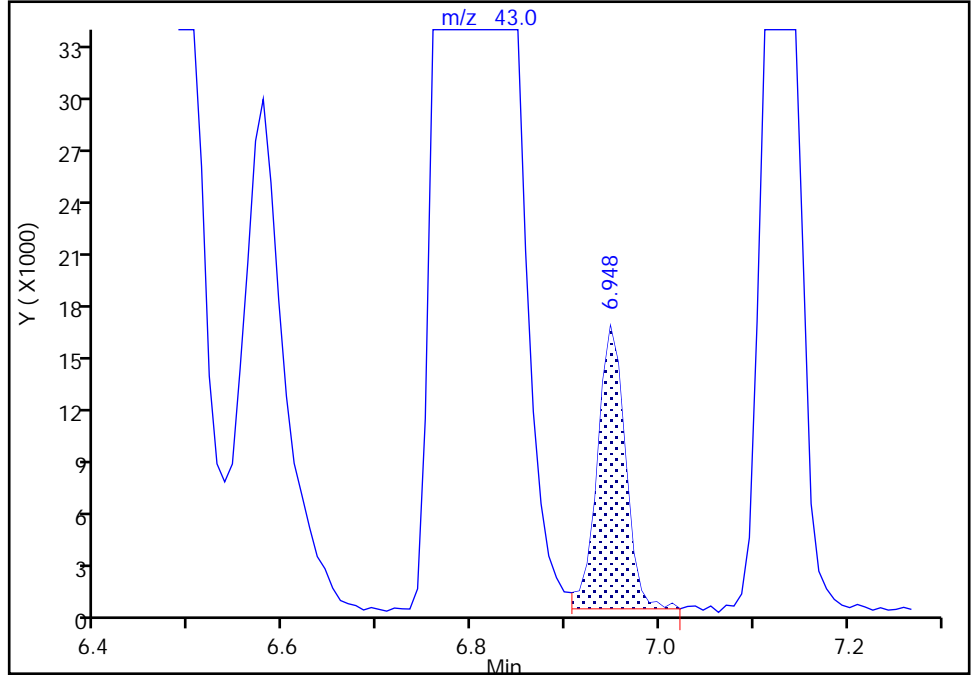
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

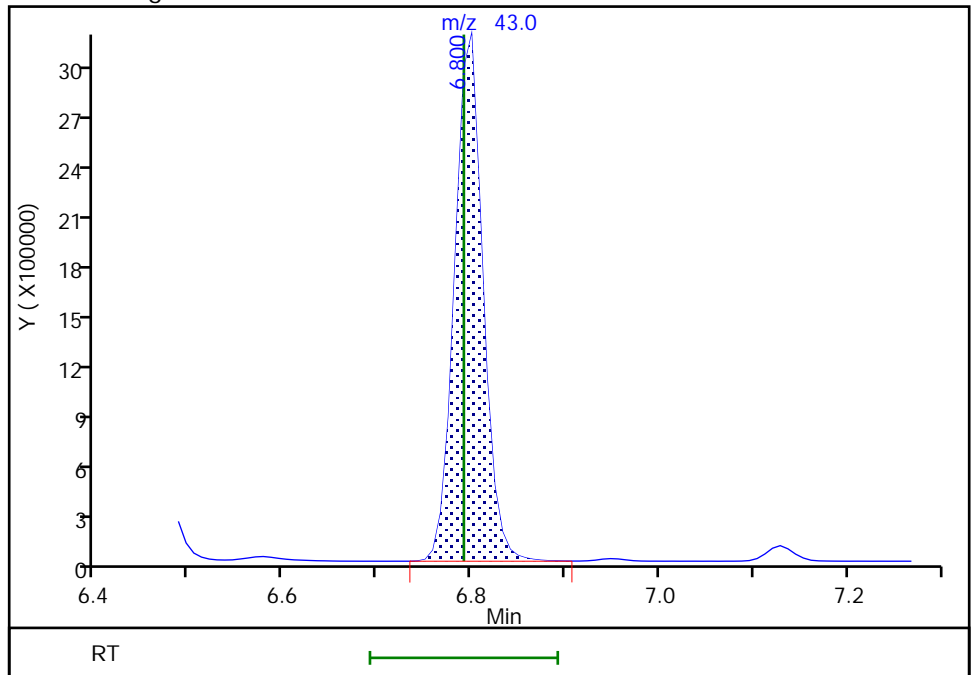
RT: 6.95
Area: 32507
Amount: 24.030795
Amount Units: ug/l

Processing Integration Results



RT: 6.80
Area: 6637228
Amount: 2564.4710
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:21
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

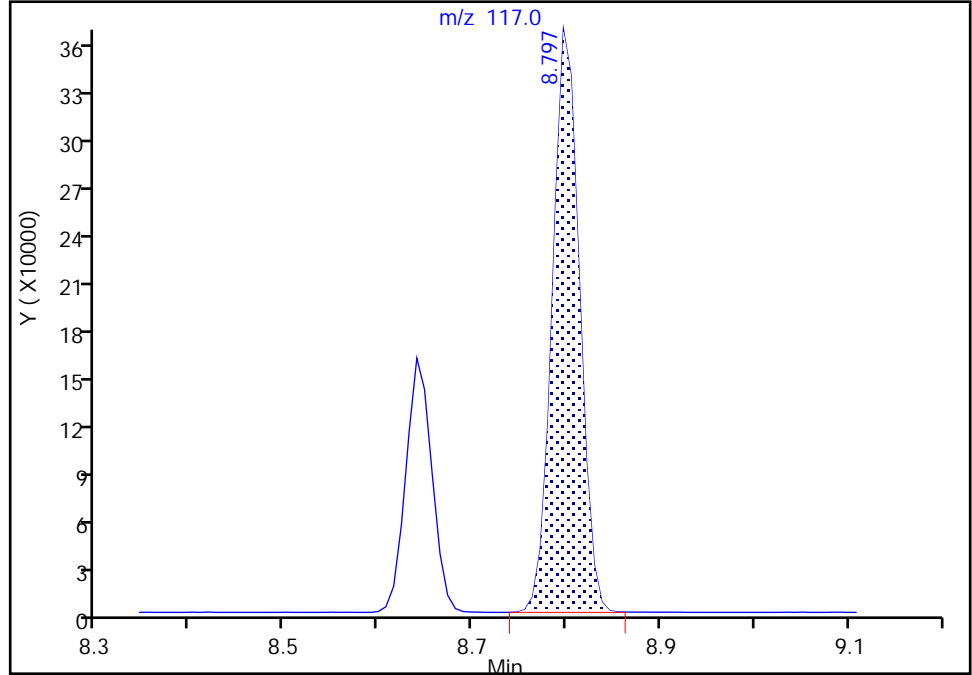
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
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

* 89 Chlorobenzene-d5, CAS: 3114-55-4
Signal: 1

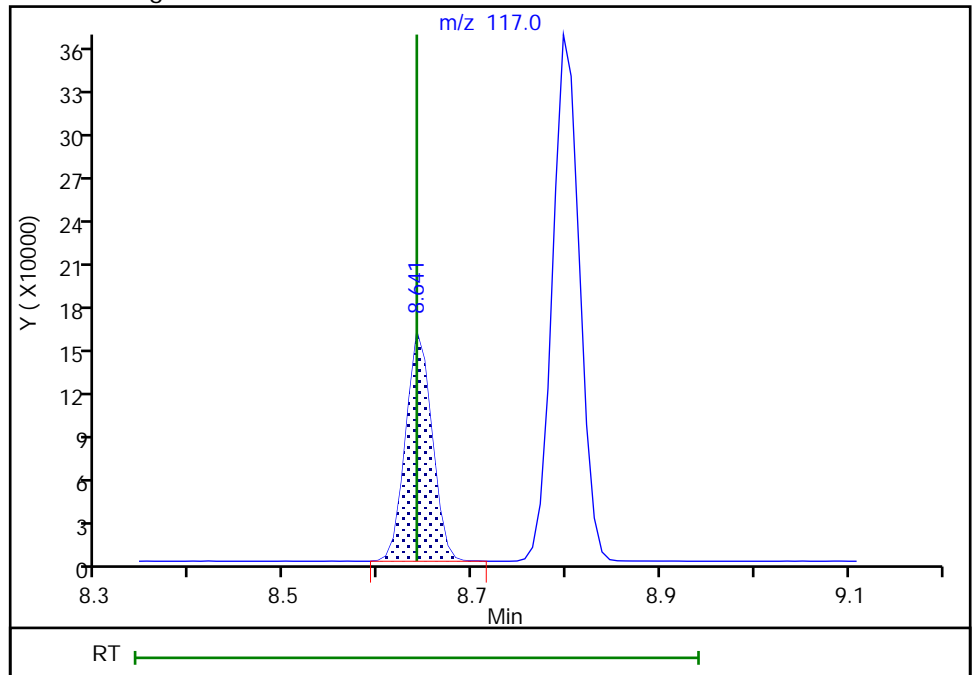
RT: 8.80
Area: 724634
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 8.64
Area: 305628
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

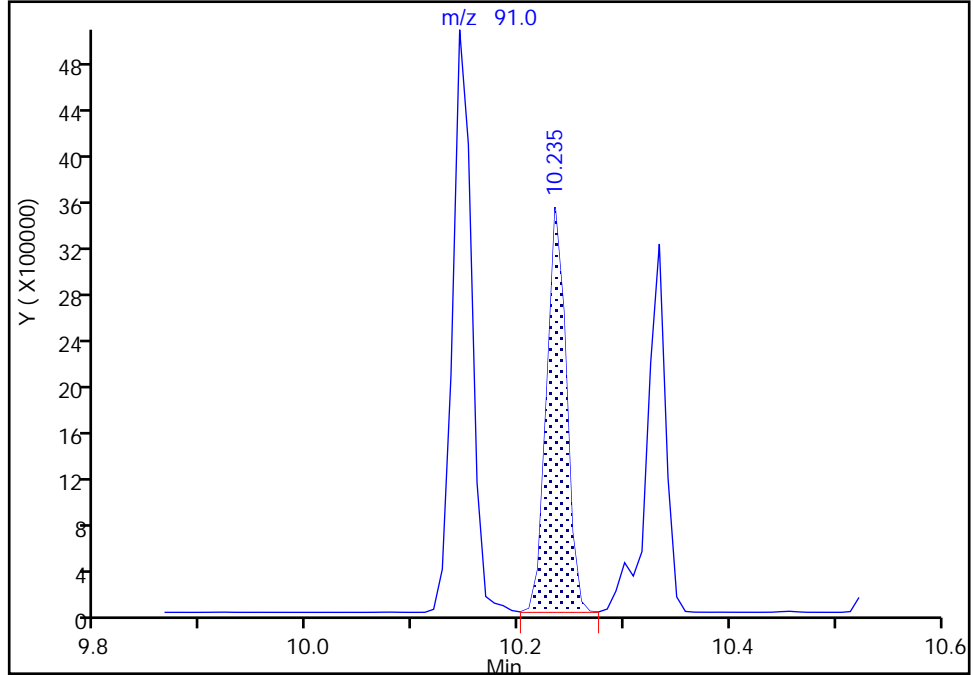
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

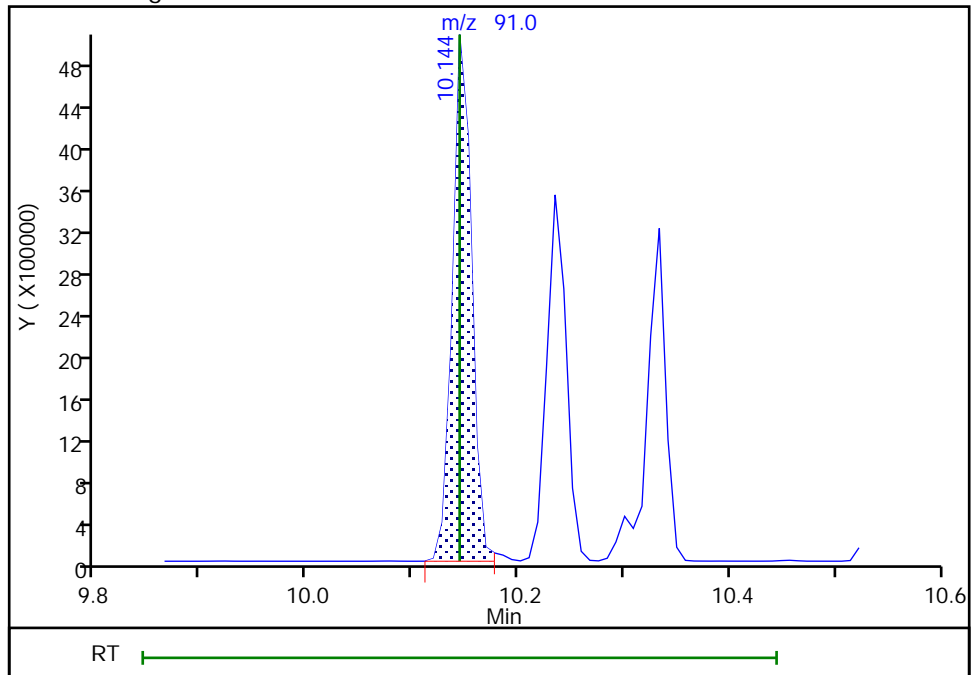
RT: 10.23
Area: 4516457
Amount: 497.8227
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 6336720
Amount: 536.3930
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:35:30
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

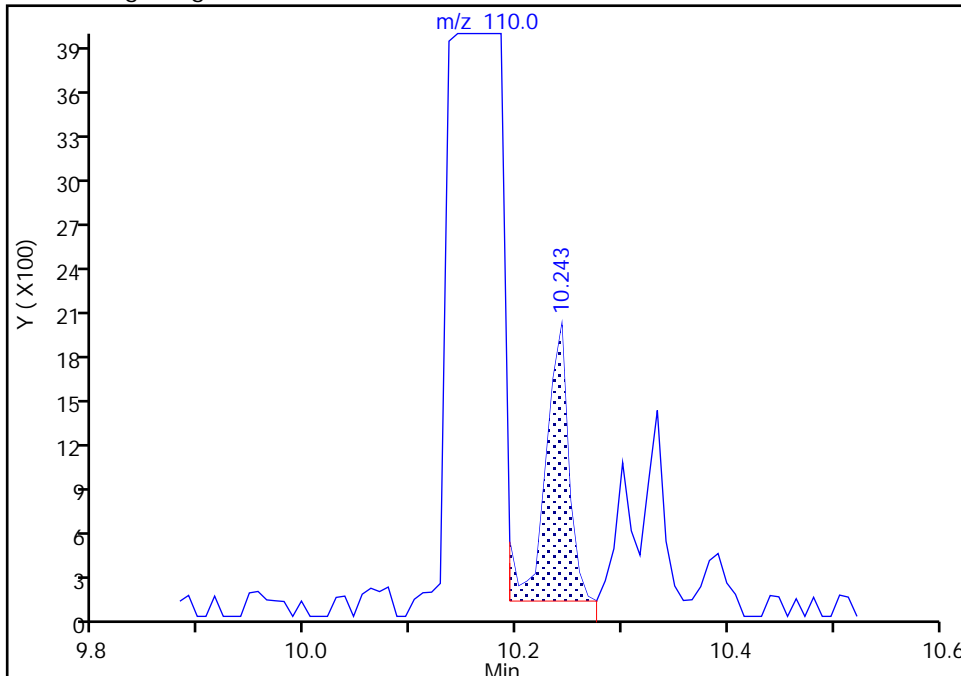
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

104 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

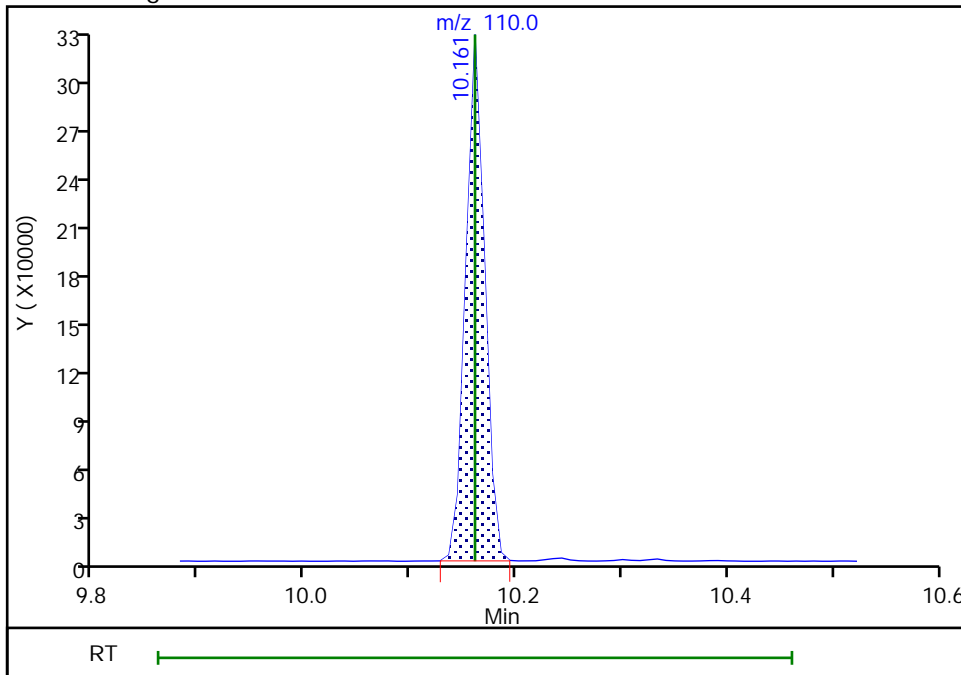
RT: 10.24
Area: 2961
Amount: 3.915961
Amount Units: ug/l

Processing Integration Results



RT: 10.16
Area: 408406
Amount: 458.2218
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:41
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

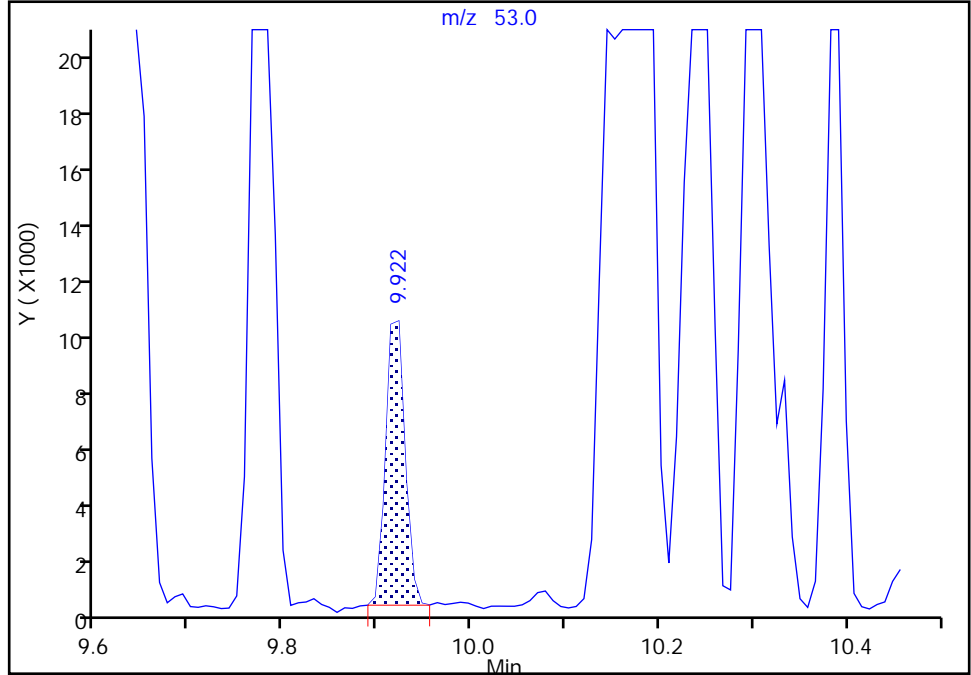
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

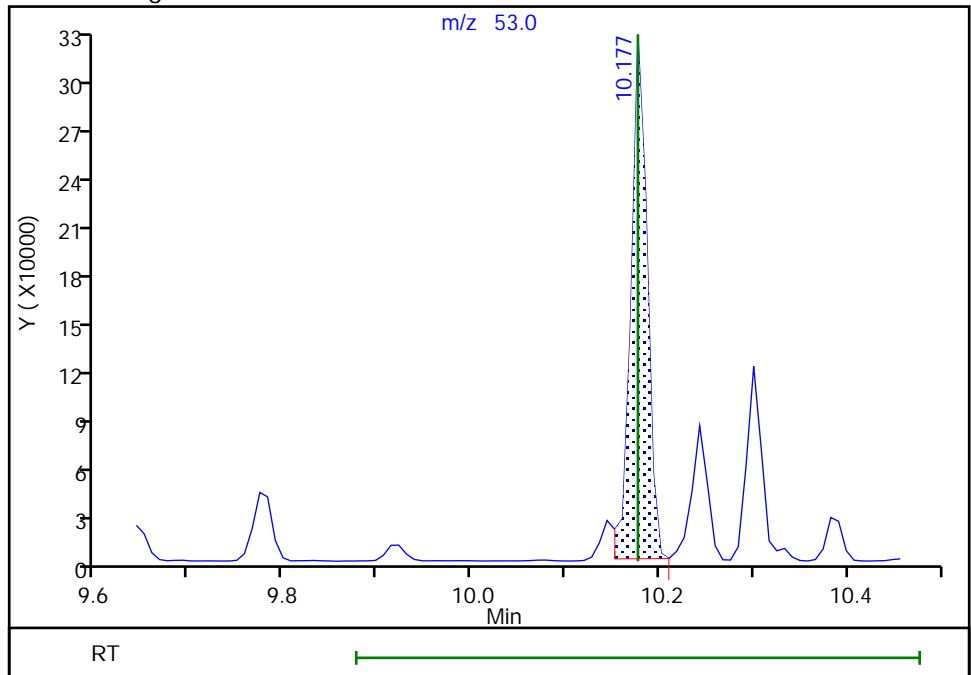
RT: 9.92
Area: 13962
Amount: 30.209354
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 392056
Amount: 493.4162
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:46
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

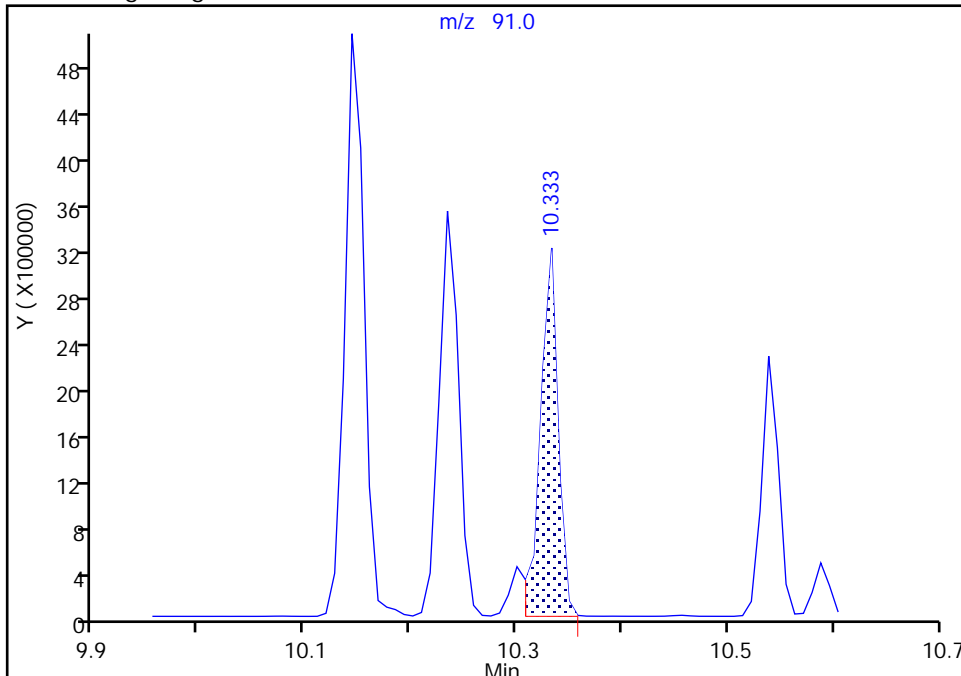
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

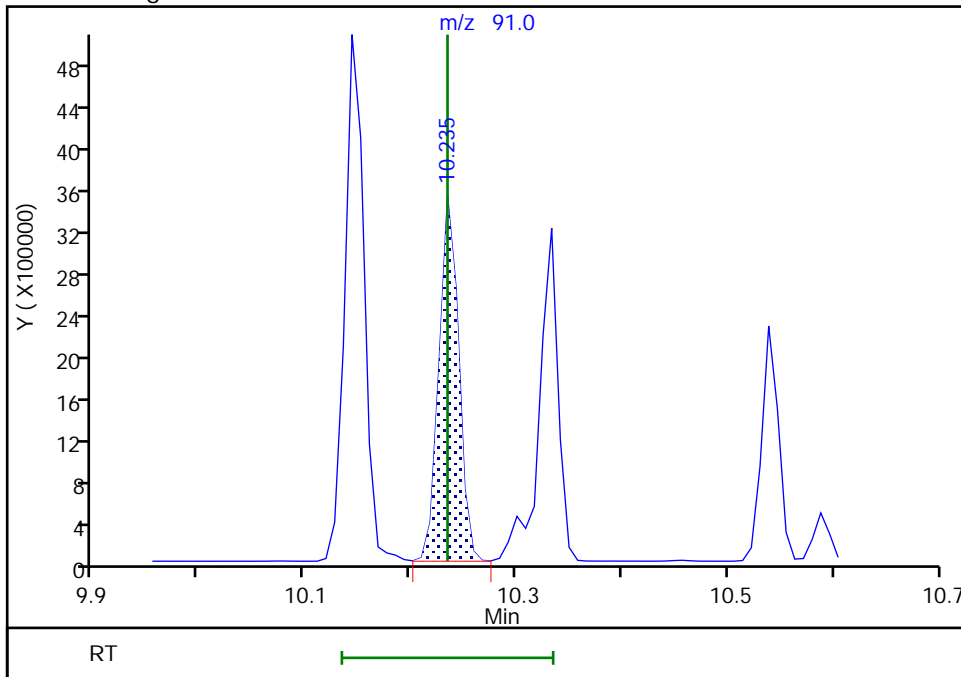
RT: 10.33
Area: 3681586
Amount: 458.0884
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 4515099
Amount: 567.5062
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 10:35:23
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

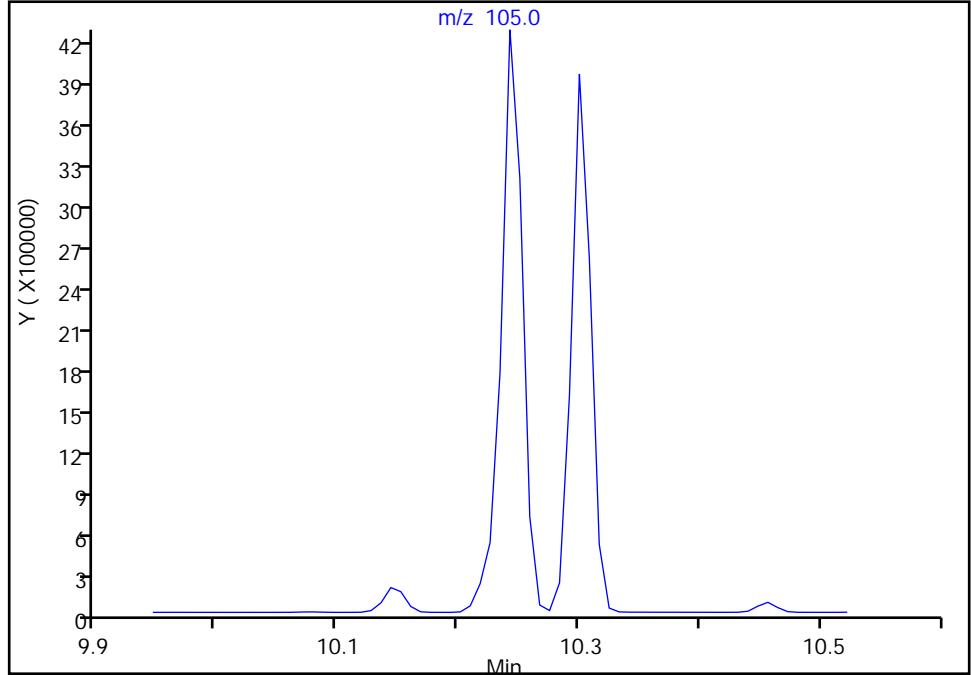
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

107 4-Ethyltoluene, CAS: 622-96-8

Signal: 1

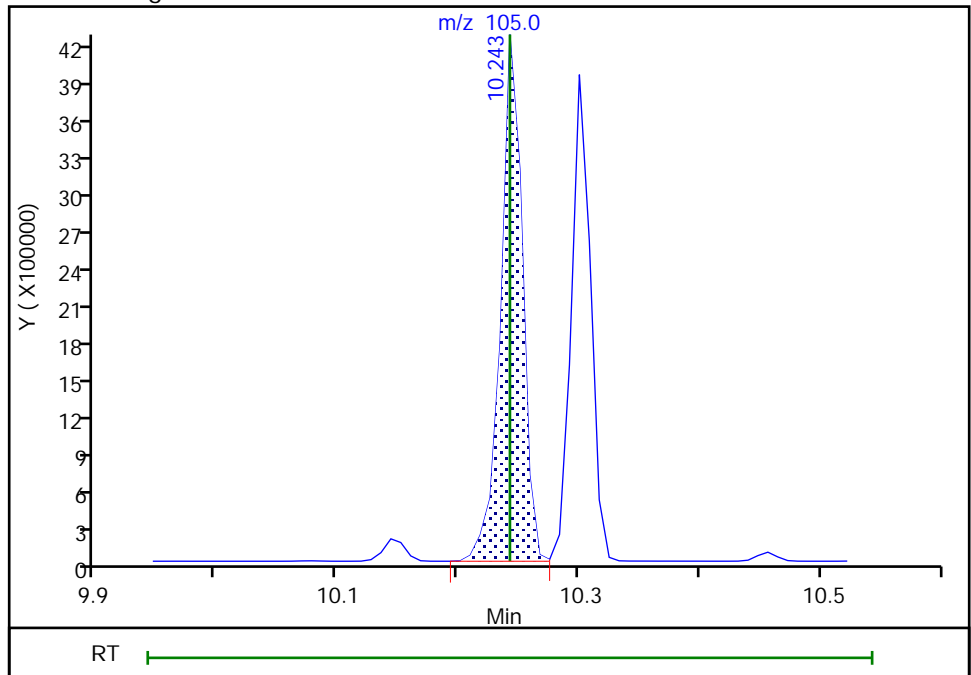
Not Detected
Expected RT: 10.24

Processing Integration Results



RT: 10.24
Area: 5289379
Amount: 549.3818
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:52
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

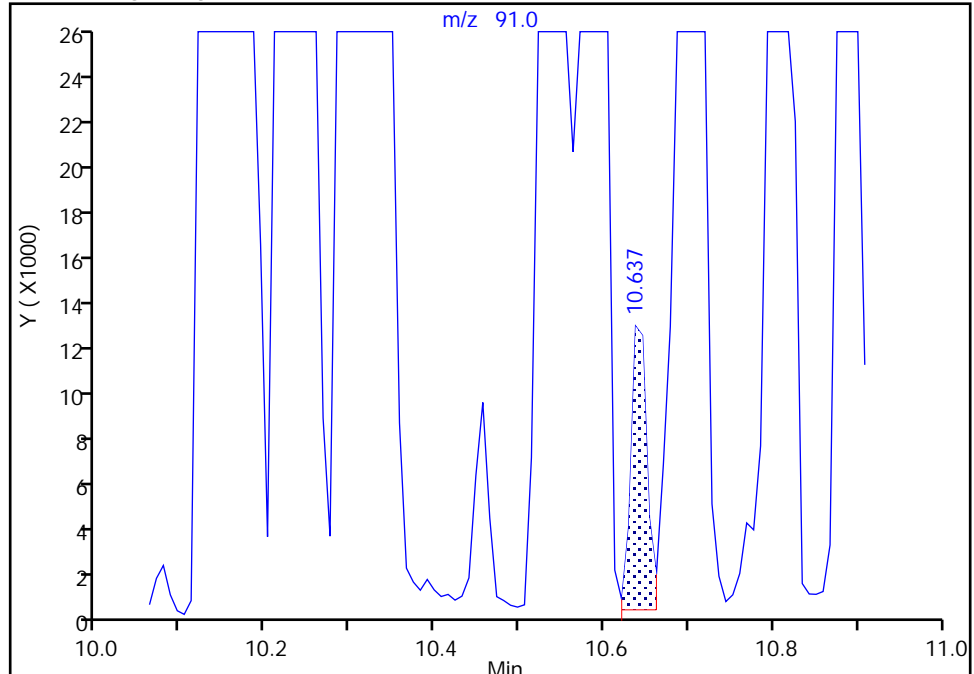
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

109 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

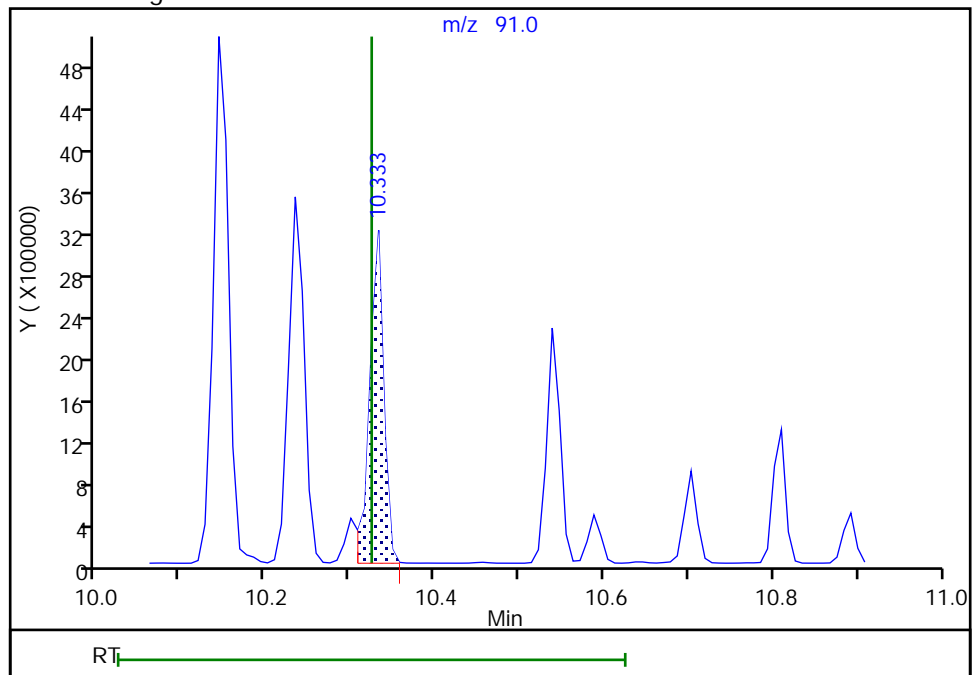
RT: 10.64
Area: 16829
Amount: 4.025013
Amount Units: ug/l

Processing Integration Results



RT: 10.33
Area: 3682048
Amount: 516.9643
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:22:57

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

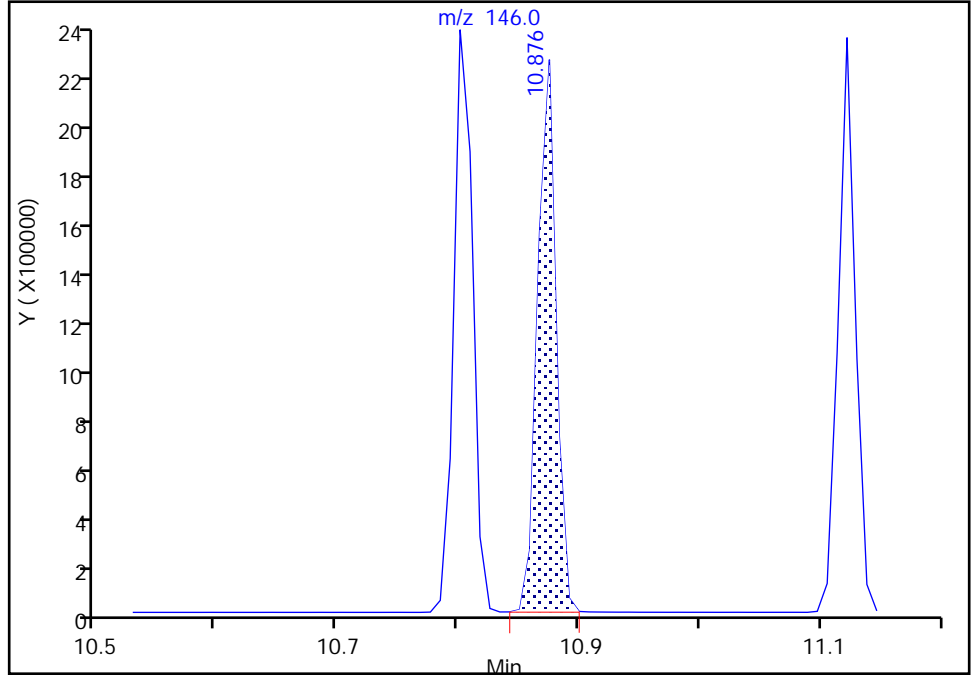
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

114 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

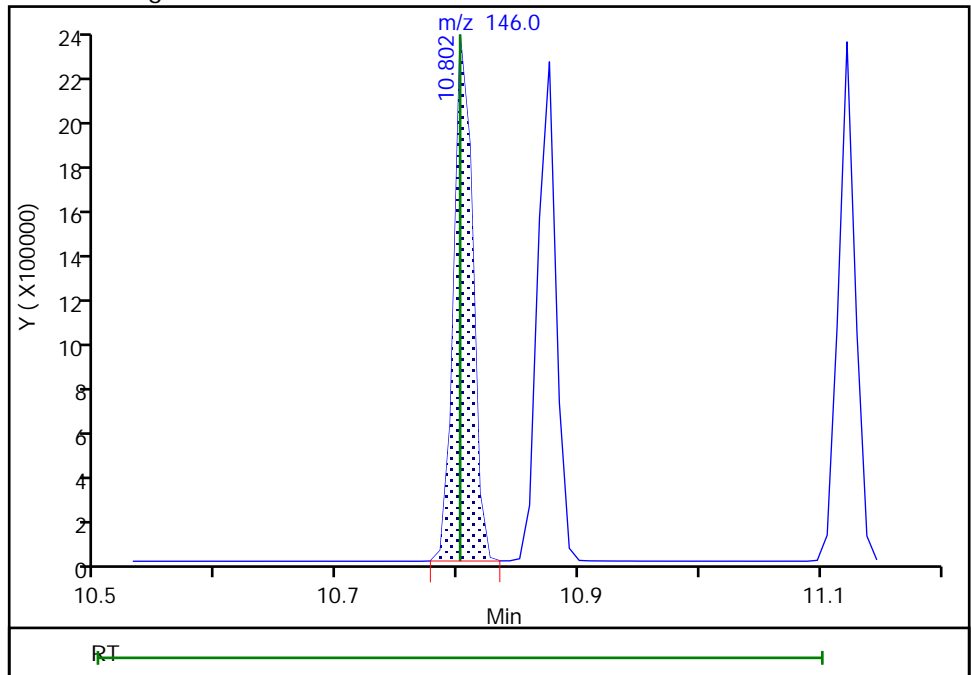
RT: 10.88
Area: 2362098
Amount: 529.6775
Amount Units: ug/l

Processing Integration Results



RT: 10.80
Area: 2560924
Amount: 568.9165
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:23:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

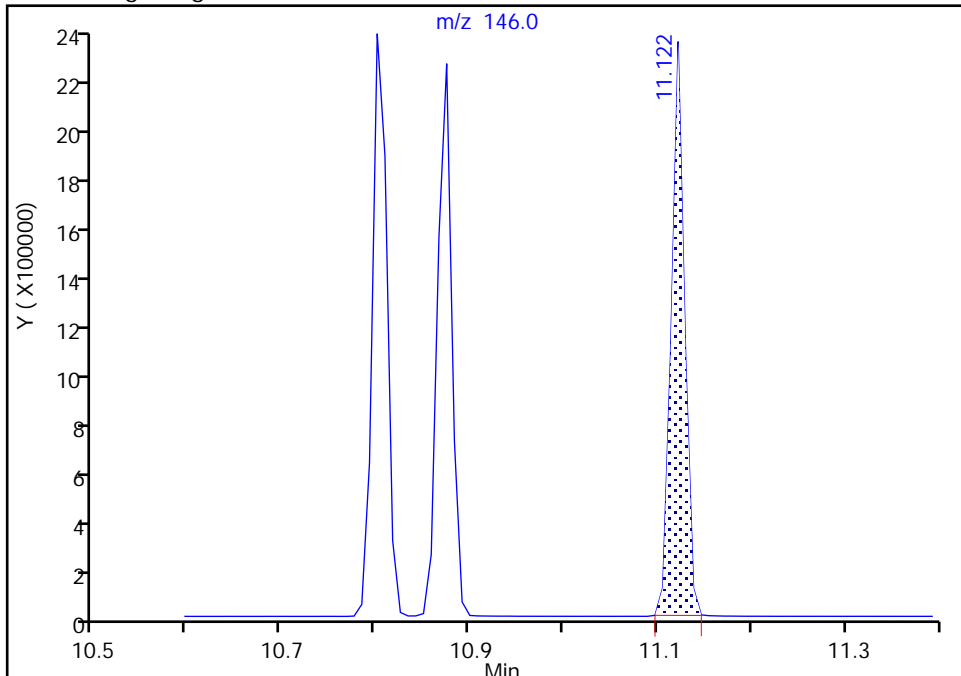
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

117 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

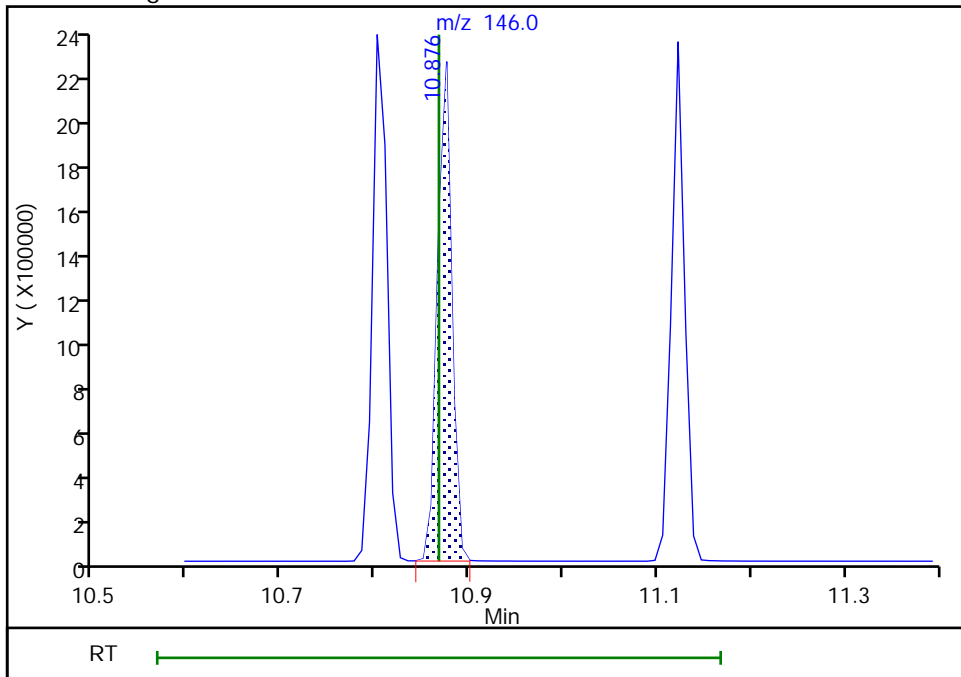
RT: 11.12
Area: 2267859
Amount: 514.0806
Amount Units: ug/l

Processing Integration Results



RT: 10.88
Area: 2362102
Amount: 531.9945
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:23:10
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

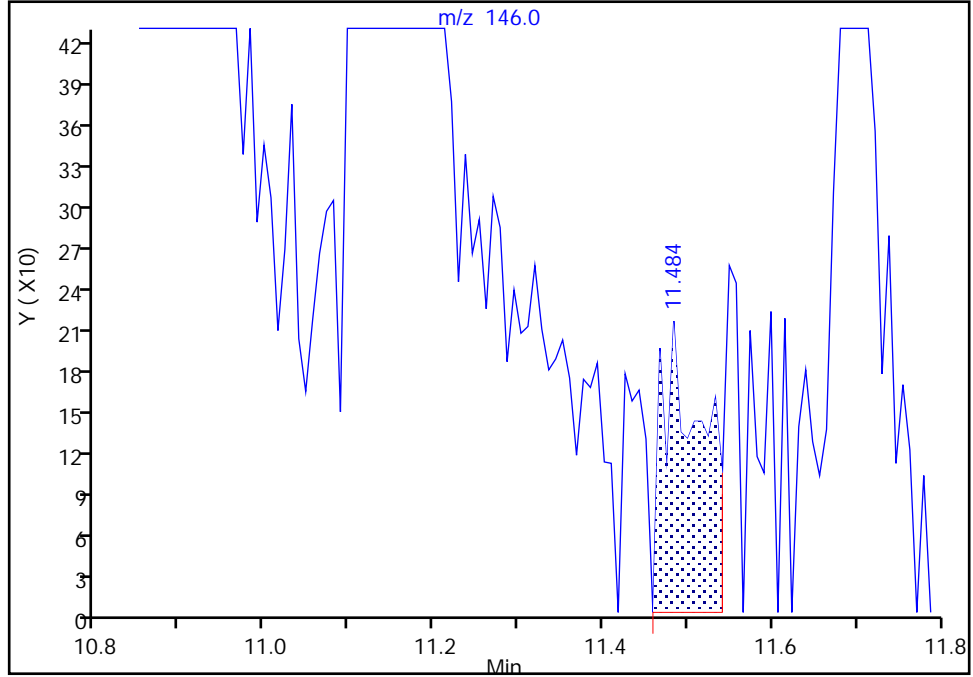
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
Injection Date: 24-Aug-2020 23:56:30 Instrument ID: CVOAMS6
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

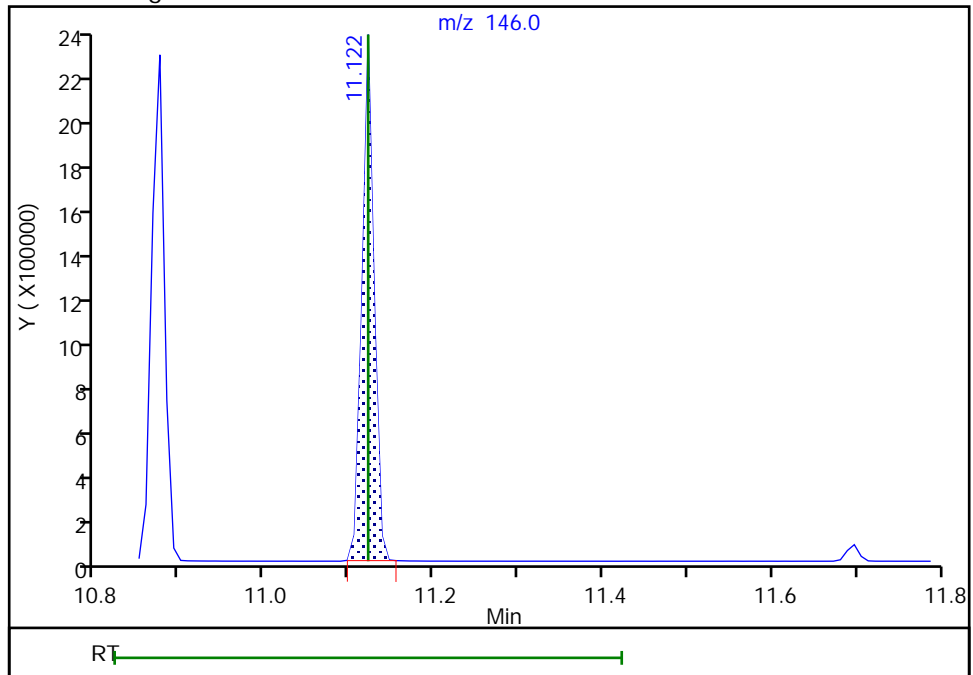
RT: 11.48
Area: 714
Amount: 0.237967
Amount Units: ug/l

Processing Integration Results



RT: 11.12
Area: 2272283
Amount: 503.0841
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:23:19

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.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-711441/16 Calibration Date: 07/26/2020 04:13
 Instrument ID: CVOAMS6 Calib Start Date: 07/25/2020 17:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/26/2020 01:19
 Lab File ID: F99076.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
Monochloropentafluoroethane	Ave	0.0274	0.0141		10.3	20.0	-48.4*	30.0
Chlorotrifluoroethene	QuaF		0.0928		12.0	20.0	-40.0*	30.0
1,1-Difluoroethane	Ave	0.2969	0.2081		14.0	20.0	-29.9	30.0
Dichlorodifluoromethane	Ave	0.4057	0.4023	0.1000	19.8	20.0	-0.8	30.0
Chlorodifluoromethane	Ave	0.3452	0.3235		18.7	20.0	-6.3	30.0
Chloromethane	Ave	0.4561	0.3590	0.1000	15.7	20.0	-21.3	30.0
Butadiene	Ave	0.3752	0.3414		18.2	20.0	-9.0	30.0
Vinyl chloride	Ave	0.4530	0.3865	0.1000	17.1	20.0	-14.7	30.0
Bromomethane	Ave	0.3609	0.3184	0.1000	17.6	20.0	-11.8	30.0
Chloroethane	Ave	0.2969	0.2520	0.1000	17.0	20.0	-15.1	30.0
Dichlorofluoromethane	Ave	0.5685	0.5497		19.3	20.0	-3.3	30.0
Trichlorofluoromethane	Ave	0.4647	0.4536	0.1000	19.5	20.0	-2.4	30.0
Pentane	Ave	1.951	2.512		51.5	40.0	28.7	30.0
Ethyl ether	Ave	0.1965	0.1872		19.0	20.0	-4.8	30.0
Ethanol	QuaF		0.0481		945	800	18.1	30.0
2-Methyl-1,3-butadiene	Ave	0.2211	0.2159		19.5	20.0	-2.4	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2478	0.2315		18.7	20.0	-6.6	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3848	0.3619		18.8	20.0	-6.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2735	0.2593	0.1000	19.0	20.0	-5.2	30.0
Acrolein	Ave	0.5295	0.4585		34.7	40.1	-13.4	30.0
1,1-Dichloroethene	Ave	0.2830	0.2593	0.1000	18.3	20.0	-8.4	30.0
Acetone	Ave	0.7545	0.7457	0.0500	98.8	100	-1.2	30.0
Iodomethane	Ave	0.5259	0.4782		18.2	20.0	-9.1	30.0
Isopropyl alcohol	Ave	0.3523	0.3992		227	200	13.3	30.0
Carbon disulfide	Ave	1.105	0.9533	0.1000	17.3	20.0	-13.7	30.0
Allyl chloride	Ave	0.4760	0.4072		17.1	20.0	-14.5	30.0
Methyl acetate	Ave	0.2080	0.1881	0.1000	36.2	40.0	-9.6	30.0
Cyclopentene	Ave	0.6622	0.6200		18.7	20.0	-6.4	30.0
Acetonitrile	Ave	1.007	1.326		263	200	31.7*	30.0
Methylene Chloride	Ave	0.3471	0.3398	0.1000	19.6	20.0	-2.1	30.0
2-Methyl-2-propanol	Ave	0.8836	1.104		250	200	24.9	30.0
Methyl tert-butyl ether	Ave	0.7020	0.6424	0.1000	18.3	20.0	-8.5	30.0
trans-1,2-Dichloroethene	Ave	0.2972	0.2630	0.1000	17.7	20.0	-11.5	30.0
Acrylonitrile	QuaF		0.1048		152	200	-23.9	30.0
Hexane	QuaF		0.2048		18.8	20.0	-5.8	30.0
Isopropyl ether	Ave	0.7627	0.6773		17.8	20.0	-11.2	30.0
1,1-Dichloroethane	Ave	0.4788	0.4281	0.2000	17.9	20.0	-10.6	30.0
Vinyl acetate	Ave	0.0564	0.0534		37.9	40.0	-5.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2543	0.2343		18.4	20.0	-7.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-711441/16 Calibration Date: 07/26/2020 04:13
 Instrument ID: CVOAMS6 Calib Start Date: 07/25/2020 17:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/26/2020 01:19
 Lab File ID: F99076.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.6993	0.6357		18.2	20.0	-9.1	30.0
2,2-Dichloropropane	Ave	0.0830	0.0873		21.0	20.0	5.2	30.0
cis-1,2-Dichloroethene	Ave	0.3174	0.2968	0.1000	18.7	20.0	-6.5	30.0
2-Butanone (MEK)	Ave	0.3198	0.3335	0.0500	104	100	4.3	30.0
Ethyl acetate	Ave	0.2877	0.2773		38.6	40.0	-3.6	30.0
Methyl acrylate	QuaF		0.3228		19.9	20.0	-0.5	30.0
Propionitrile	Ave	1.630	1.657		203	200	1.7	30.0
Chlorobromomethane	Ave	0.1505	0.1438		19.1	20.0	-4.4	30.0
Tetrahydrofuran	Ave	0.3802	0.3619		38.1	40.0	-4.8	30.0
Methacrylonitrile	Ave	0.1253	0.1170		187	200	-6.6	30.0
Chloroform	Ave	0.4774	0.4343	0.2000	18.2	20.0	-9.0	30.0
Cyclohexane	Ave	0.4500	0.4423	0.1000	19.7	20.0	-1.7	30.0
1,1,1-Trichloroethane	Ave	0.4219	0.3858	0.1000	18.3	20.0	-8.6	30.0
Carbon tetrachloride	Ave	0.3480	0.3055	0.1000	17.6	20.0	-12.2	30.0
1,1-Dichloropropene	Ave	0.3531	0.2905		16.5	20.0	-17.7	30.0
Isobutyl alcohol	Ave	0.2731	0.3140		575	500	15.0	30.0
Benzene	Ave	1.372	1.460	0.5000	21.3	20.0	6.5	30.0
Isopropyl acetate	Ave	0.6820	0.5810		17.0	20.0	-14.8	30.0
Tert-amyl methyl ether	Ave	0.7416	0.6353		17.1	20.0	-14.3	30.0
1,2-Dichloroethane	Ave	0.3417	0.3143	0.1000	18.4	20.0	-8.0	30.0
n-Heptane	Ave	0.1730	0.1918		22.2	20.0	10.8	30.0
n-Butanol	QuaF		0.2526		549	500	9.8	30.0
Trichloroethene	Ave	0.2683	0.2536	0.2000	18.9	20.0	-5.5	30.0
Ethyl acrylate	Ave	0.6218	0.5825		18.7	20.0	-6.3	30.0
Methylcyclohexane	Ave	0.4680	0.4673	0.1000	20.0	20.0	-0.2	30.0
1,2-Dichloropropane	Ave	0.2663	0.2560	0.1000	19.2	20.0	-3.9	30.0
Methyl methacrylate	Ave	0.0781	0.0713		36.5	40.0	-8.7	30.0
1,4-Dioxane	Ave	0.9020	1.083		480	400	20.1	30.0
Dibromomethane	Ave	0.1819	0.1670		18.4	20.0	-8.2	30.0
n-Propyl acetate	Ave	0.3440	0.2934		17.1	20.0	-14.7	30.0
Dichlorobromomethane	Ave	0.3628	0.3127	0.2000	17.2	20.0	-13.8	30.0
2-Chloroethyl vinyl ether	QuaF		0.1363		13.5	20.0	-32.4*	30.0
2-Nitropropane	Ave	0.0727	0.0616		33.9	40.0	-15.3	30.0
Epichlorohydrin	QuaF		0.2462		19.8	20.0	-1.2	30.0
cis-1,3-Dichloropropene	Ave	0.5697	0.5766	0.2000	20.2	20.0	1.2	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.243	2.239	0.0500	99.8	100	-0.2	30.0
Toluene	Ave	1.596	1.614	0.4000	20.2	20.0	1.1	30.0
trans-1,3-Dichloropropene	Ave	0.4801	0.4629	0.1000	19.3	20.0	-3.6	30.0
Ethyl methacrylate	Ave	0.4474	0.4737		21.2	20.0	5.9	30.0
1,1,2-Trichloroethane	Ave	0.2674	0.2415	0.1000	18.1	20.0	-9.7	30.0
Tetrachloroethene	Ave	0.3509	0.3441	0.2000	19.6	20.0	-1.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-711441/16 Calibration Date: 07/26/2020 04:13
 Instrument ID: CVOAMS6 Calib Start Date: 07/25/2020 17:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/26/2020 01:19
 Lab File ID: F99076.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5356	0.5355		20.0	20.0	-0.0	30.0
2-Hexanone	Ave	1.367	1.276	0.0500	93.3	100	-6.7	30.0
n-Butyl acetate	Ave	0.4816	0.5139		21.3	20.0	6.7	30.0
Chlorodibromomethane	Ave	0.3478	0.3626	0.1000	20.9	20.0	4.3	30.0
Ethylene Dibromide	Ave	0.3146	0.2857	0.1000	18.2	20.0	-9.2	30.0
Chlorobenzene	Ave	0.9920	0.9479	0.5000	19.1	20.0	-4.4	30.0
Ethylbenzene	Ave	0.5501	0.5670	0.1000	20.6	20.0	3.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3613	0.3610		20.0	20.0	-0.0	30.0
m-Xylene & p-Xylene	Ave	0.6547	0.6764	0.1000	20.7	20.0	3.3	30.0
n-Butyl acrylate	Ave	0.2860	0.3034		21.2	20.0	6.1	30.0
o-Xylene	Ave	0.7058	0.7462	0.3000	21.1	20.0	5.7	30.0
Styrene	Ave	1.084	1.193	0.3000	22.0	20.0	10.0	30.0
Amyl acetate (mixed isomers)	QuaF		0.9925		18.2	20.0	-9.1	30.0
Bromoform	Ave	0.2399	0.2469	0.1000	20.6	20.0	2.9	30.0
Isopropylbenzene	Ave	1.716	1.619	0.1000	18.9	20.0	-5.7	30.0
Bromobenzene	Ave	0.7116	0.6134		17.2	20.0	-13.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7465	0.6136	0.3000	16.4	20.0	-17.8	30.0
N-Propylbenzene	Ave	3.546	2.915		16.4	20.0	-17.8	30.0
1,2,3-Trichloropropane	Ave	0.2381	0.2003		16.8	20.0	-15.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1887	0.1639		17.4	20.0	-13.1	30.0
2-Chlorotoluene	Ave	2.501	2.006		16.0	20.0	-19.8	30.0
4-Ethyltoluene	Ave	3.018	2.478		16.4	20.0	-17.9	30.0
1,3,5-Trimethylbenzene	QuaF		2.055		15.6	20.0	-22.2	30.0
4-Chlorotoluene	Ave	2.174	1.871		17.2	20.0	-13.9	30.0
Butyl Methacrylate	QuaF		0.7464		15.4	20.0	-23.1	30.0
tert-Butylbenzene	QuaF		1.903		17.1	20.0	-14.6	30.0
1,2,4-Trimethylbenzene	Ave	2.741	2.492		18.2	20.0	-9.1	30.0
sec-Butylbenzene	Ave	3.303	3.048		18.5	20.0	-7.7	30.0
1,3-Dichlorobenzene	Ave	1.584	1.387	0.6000	17.5	20.0	-12.4	30.0
4-Isopropyltoluene	Ave	2.970	2.742		18.5	20.0	-7.7	30.0
1,4-Dichlorobenzene	Ave	1.535	1.450	0.5000	18.9	20.0	-5.5	30.0
1,2,3-Trimethylbenzene	Ave	2.892	2.707		18.7	20.0	-6.4	30.0
Benzyl chloride	Ave	1.392	1.535		22.1	20.0	10.3	30.0
Indan	Ave	2.951	2.765		18.7	20.0	-6.3	30.0
p-Diethylbenzene	Ave	1.658	1.533		18.5	20.0	-7.6	30.0
n-Butylbenzene	Ave	1.661	1.484		17.9	20.0	-10.7	30.0
1,2-Dichlorobenzene	Ave	1.635	1.423	0.4000	17.4	20.0	-13.0	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.858	2.737		19.2	20.0	-4.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1868	0.1741	0.0500	18.6	20.0	-6.8	30.0
1,3,5-Trichlorobenzene	Ave	1.252	1.024		16.4	20.0	-18.2	30.0
1,2,4-Trichlorobenzene	Ave	1.192	1.013	0.2000	17.0	20.0	-15.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-711441/16 Calibration Date: 07/26/2020 04:13
 Instrument ID: CVOAMS6 Calib Start Date: 07/25/2020 17:08
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/26/2020 01:19
 Lab File ID: F99076.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
Hexachlorobutadiene	Ave	0.4718	0.4275		18.1	20.0	-9.4	30.0
Naphthalene	Ave	3.092	2.575		16.7	20.0	-16.7	30.0
1,2,3-Trichlorobenzene	Ave	1.119	1.003		17.9	20.0	-10.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2614	0.2463		47.1	50.0	-5.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3049	0.2631		43.1	50.0	-13.7	30.0
Toluene-d8 (Surr)	Ave	1.371	1.461		53.3	50.0	6.5	30.0
4-Bromofluorobenzene	Ave	0.3945	0.4412		55.9	50.0	11.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 26-Jul-2020 04:13:30 ALS Bottle#: 16 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0113918-016
 Operator ID: Instrument ID: CVOAMS6
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:17:46 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys

Date: 26-Jul-2020 14:17:46

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	1.451	0.025	27	3368	20.0	10.3	M
3 Chlorotrifluoroethene	116	1.558	1.549	0.009	61	22081	20.0	12.0	
2 1,1-Difluoroethane	51	1.574	1.566	0.008	88	49543	20.0	14.0	
4 Dichlorodifluoromethane	85	1.599	1.582	0.017	87	95764	20.0	19.8	
5 Chlorodifluoromethane	51	1.615	1.599	0.016	95	77009	20.0	18.7	
6 Chloromethane	50	1.771	1.755	0.016	98	85462	20.0	15.7	
7 Butadiene	54	1.845	1.837	0.008	95	81285	20.0	18.2	
8 Vinyl chloride	62	1.854	1.845	0.009	93	92010	20.0	17.1	
9 Bromomethane	94	2.125	2.116	0.009	99	75794	20.0	17.6	
10 Chloroethane	64	2.182	2.166	0.016	99	59983	20.0	17.0	
11 Dichlorofluoromethane	67	2.355	2.346	0.009	99	130863	20.0	19.3	
12 Trichlorofluoromethane	101	2.363	2.363	0.000	96	107989	20.0	19.5	
13 Pentane	72	2.388	2.363	0.025	96	25909	40.0	51.5	
15 Ethyl ether	59	2.552	2.544	0.008	92	44558	20.0	19.0	
14 Ethanol	46	2.560	2.544	0.016	69	9933	800.0	945.1	
16 2-Methyl-1,3-butadiene	53	2.577	2.560	0.017	94	51391	20.0	19.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.610	2.609	0.001	84	55111	20.0	18.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.667	2.659	0.008	85	86160	20.0	18.8	a
19 Acrolein	56	2.733	2.708	0.025	31	4736	40.1	34.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.733	2.733	0.000	95	61731	20.0	19.0	
21 1,1-Dichloroethene	96	2.774	2.765	0.009	97	61731	20.0	18.3	
22 Acetone	43	2.848	2.839	0.009	87	91582	100.0	98.8	
23 Iodomethane	142	2.922	2.913	0.009	96	113843	20.0	18.2	
24 Isopropyl alcohol	45	2.938	2.922	0.016	27	20591	200.0	226.6	M
25 Carbon disulfide	76	2.963	2.963	0.000	98	226941	20.0	17.3	
26 3-Chloro-1-propene	41	3.061	3.045	0.016	91	96935	20.0	17.1	
27 Methyl acetate	43	3.070	3.061	0.009	98	89575	40.0	36.2	
28 Cyclopentene	67	3.078	3.069	0.009	93	147597	20.0	18.7	a
29 Acetonitrile	41	3.152	3.127	0.025	92	68407	200.0	263.4	Ma
* 31 TBA-d9 (IS)	65	3.193	3.168	0.025	0	257889	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	3.176	0.017	86	80901	20.0	19.6	
32 2-Methyl-2-propanol	59	3.250	3.234	0.016	33	56932	200.0	249.8	a
33 Methyl tert-butyl ether	73	3.333	3.324	0.009	96	152936	20.0	18.3	
34 trans-1,2-Dichloroethene	96	3.357	3.349	0.008	92	62603	20.0	17.7	
35 Acrylonitrile	53	3.431	3.423	0.008	95	249437	200.0	152.2	
36 Hexane	43	3.513	3.505	0.008	90	48766	20.0	18.8	
37 Isopropyl ether	45	3.719	3.710	0.009	96	161251	20.0	17.8	
38 1,1-Dichloroethane	63	3.743	3.743	0.000	100	101922	20.0	17.9	
39 Vinyl acetate	86	3.760	3.751	0.009	100	25437	40.0	37.9	
40 2-Chloro-1,3-butadiene	88	3.793	3.784	0.009	89	55784	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.023	4.014	0.009	90	151345	20.0	18.2	
* 42 2-Butanone-d5	46	4.220	4.212	0.008	0	307034	250.0	250.0	
43 2,2-Dichloropropane	97	4.245	4.236	0.009	96	20777	20.0	21.0	
44 cis-1,2-Dichloroethene	96	4.253	4.244	0.009	97	70655	20.0	18.7	
45 Ethyl acetate	70	4.278	4.269	0.009	94	13621	40.0	38.6	
46 2-Butanone (MEK)	72	4.269	4.269	0.000	96	40958	100.0	104.3	
47 Methyl acrylate	55	4.327	4.318	0.009	54	52826	20.0	19.9	
48 Propionitrile	54	4.401	4.392	0.009	98	85479	200.0	203.4	
49 Tetrahydrofuran	72	4.475	4.466	0.009	91	17780	40.0	38.1	
50 Chlorobromomethane	128	4.475	4.466	0.009	89	34246	20.0	19.1	
51 Methacrylonitrile	67	4.499	4.491	0.008	89	278564	200.0	186.8	
52 Chloroform	83	4.524	4.516	0.008	98	103390	20.0	18.2	
53 Cyclohexane	84	4.664	4.655	0.009	87	105291	20.0	19.7	
\$ 55 Dibromofluoromethane (Surr)	113	4.680	4.672	0.008	97	146619	50.0	47.1	
54 1,1,1-Trichloroethane	97	4.672	4.672	0.000	97	91850	20.0	18.3	
56 Carbon tetrachloride	117	4.787	4.787	0.000	97	72735	20.0	17.6	
57 1,1-Dichloropropene	75	4.812	4.811	0.001	96	69157	20.0	16.5	
58 Isobutyl alcohol	43	4.935	4.926	0.009	98	40492	500.0	574.9	
59 Benzene	78	5.009	5.009	0.000	95	238989	20.0	21.3	
\$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.017	5.017	0.000	0	156566	50.0	43.1	
61 Isopropyl acetate	43	5.066	5.058	0.008	94	138311	20.0	17.0	
62 Tert-amyl methyl ether	73	5.075	5.066	0.009	93	151239	20.0	17.1	
63 1,2-Dichloroethane	62	5.099	5.091	0.008	98	74831	20.0	18.4	
64 n-Heptane	57	5.165	5.157	0.008	89	45651	20.0	22.2	
* 65 Fluorobenzene	96	5.296	5.288	0.008	99	595173	50.0	50.0	
66 n-Butanol	56	5.592	5.584	0.008	85	32569	500.0	549.1	
67 Trichloroethene	95	5.642	5.633	0.009	98	60382	20.0	18.9	
68 Ethyl acrylate	55	5.765	5.756	0.009	97	138674	20.0	18.7	
69 Methylcyclohexane	83	5.765	5.765	0.000	94	111253	20.0	20.0	
70 1,2-Dichloropropane	63	5.929	5.921	0.008	91	60938	20.0	19.2	
* 71 1,4-Dioxane-d8	96	5.978	5.970	0.008	0	25333	1000.0	1000.0	
72 Methyl methacrylate	100	6.003	5.995	0.008	84	33957	40.0	36.5	
73 1,4-Dioxane	88	6.052	6.028	0.024	32	10975	400.0	480.3	
75 Dibromomethane	93	6.052	6.044	0.008	96	39758	20.0	18.4	
74 n-Propyl acetate	43	6.061	6.052	0.009	96	69855	20.0	17.1	
76 Dichlorobromomethane	83	6.200	6.200	0.000	99	74446	20.0	17.2	
77 2-Nitropropane	41	6.537	6.529	0.008	88	29314	40.0	33.9	
78 2-Chloroethyl vinyl ether	63	6.537	6.537	0.000	78	32447	20.0	13.5	
79 Epichlorohydrin	57	6.644	6.636	0.008	90	6048	20.0	19.8	
80 cis-1,3-Dichloropropene	75	6.693	6.693	0.000	91	94365	20.0	20.2	
81 4-Methyl-2-pentanone (MIBK)	43	6.866	6.857	0.009	95	275034	100.0	99.8	
\$ 82 Toluene-d8 (Surr)	98	6.948	6.940	0.008	99	597565	50.0	53.3	

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	7.014	0.008	92	264124	20.0	20.2	
84 trans-1,3-Dichloropropene	75	7.367	7.359	0.008	96	75752	20.0	19.3	
85 Ethyl methacrylate	69	7.400	7.392	0.008	88	77521	20.0	21.2	
86 1,1,2-Trichloroethane	83	7.581	7.572	0.009	94	39514	20.0	18.1	
87 Tetrachloroethene	166	7.622	7.622	0.000	97	56314	20.0	19.6	
88 1,3-Dichloropropane	76	7.786	7.786	0.000	92	87625	20.0	20.0	
89 2-Hexanone	43	7.860	7.852	0.008	94	156698	100.0	93.3	
90 n-Butyl acetate	43	7.975	7.967	0.008	98	84090	20.0	21.3	
91 Chlorodibromomethane	129	8.016	8.008	0.008	97	59333	20.0	20.9	
92 Ethylene Dibromide	107	8.172	8.172	0.000	98	46761	20.0	18.2	
* 93 Chlorobenzene-d5	117	8.715	8.714	0.001	85	409114	50.0	50.0	
94 Chlorobenzene	112	8.756	8.756	0.000	96	155120	20.0	19.1	
95 Ethylbenzene	106	8.863	8.862	0.001	98	92788	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	8.879	8.871	0.008	95	59082	20.0	20.0	
97 m-Xylene & p-Xylene	106	9.019	9.018	0.001	0	110693	20.0	20.7	
98 n-Butyl acrylate	73	9.471	9.470	0.001	97	49649	20.0	21.2	
99 o-Xylene	106	9.479	9.479	0.000	94	122119	20.0	21.1	
100 Styrene	104	9.512	9.512	0.000	97	195271	20.0	22.0	
101 Amyl acetate (mixed isomers)	43	9.701	9.700	0.001	92	105578	20.0	18.2	
102 Bromoform	173	9.717	9.709	0.008	97	40408	20.0	20.6	
103 Isopropylbenzene	105	9.832	9.832	0.000	96	264935	20.0	18.9	
\$ 104 4-Bromofluorobenzene	174	10.013	10.013	0.000	89	180484	50.0	55.9	
105 Bromobenzene	156	10.136	10.128	0.008	94	65254	20.0	17.2	
106 1,1,2,2-Tetrachloroethane	83	10.169	10.169	0.000	98	65277	20.0	16.4	
107 N-Propylbenzene	91	10.202	10.194	0.008	100	310129	20.0	16.4	
108 1,2,3-Trichloropropane	110	10.210	10.210	0.000	98	21308	20.0	16.8	
109 trans-1,4-Dichloro-2-butene	53	10.235	10.226	0.009	78	17439	20.0	17.4	a
110 2-Chlorotoluene	91	10.284	10.284	0.000	97	213420	20.0	16.0	
111 4-Ethyltoluene	105	10.292	10.292	0.000	97	263610	20.0	16.4	
112 1,3,5-Trimethylbenzene	105	10.350	10.350	0.000	94	218563	20.0	15.6	
113 4-Chlorotoluene	91	10.383	10.382	0.001	97	199009	20.0	17.2	
114 Butyl Methacrylate	87	10.432	10.432	0.000	88	79396	20.0	15.4	
115 tert-Butylbenzene	119	10.588	10.588	0.000	96	202400	20.0	17.1	
116 1,2,4-Trimethylbenzene	105	10.637	10.637	0.000	97	265042	20.0	18.2	
117 sec-Butylbenzene	105	10.752	10.752	0.000	99	324203	20.0	18.5	
119 1,3-Dichlorobenzene	146	10.851	10.851	0.000	72	147565	20.0	17.5	
118 4-Isopropyltoluene	119	10.851	10.851	0.000	98	291664	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	10.900	10.900	0.000	95	265940	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.917	10.917	0.000	94	154195	20.0	18.9	
122 1,2,3-Trimethylbenzene	105	10.933	10.933	0.000	98	287942	20.0	18.7	
123 Benzyl chloride	91	11.024	11.023	0.001	99	163317	20.0	22.1	
124 2,3-Dihydroindene	117	11.065	11.065	0.001	94	294141	20.0	18.7	
125 p-Diethylbenzene	119	11.106	11.106	0.000	93	163055	20.0	18.5	
126 n-Butylbenzene	92	11.122	11.122	0.000	97	157842	20.0	17.9	
127 1,2-Dichlorobenzene	146	11.172	11.171	0.001	96	151366	20.0	17.4	
128 1,2,4,5-Tetramethylbenzene	119	11.591	11.590	0.001	98	291153	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	11.656	11.664	-0.008	96	18517	20.0	18.6	
130 1,3,5-Trichlorobenzene	180	11.738	11.747	-0.008	97	108961	20.0	16.4	
131 1,2,4-Trichlorobenzene	180	12.133	12.141	-0.008	94	107796	20.0	17.0	
132 Hexachlorobutadiene	225	12.199	12.207	-0.008	96	45471	20.0	18.1	
133 Naphthalene	128	12.305	12.305	0.000	99	273901	20.0	16.7	
134 1,2,3-Trichlorobenzene	180	12.462	12.470	-0.008	95	106682	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
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.4	
S 136 Xylenes, Total	100				0		40.0	41.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00114	Amount Added: 4.00	Units: uL	
GAS C SP_00366	Amount Added: 20.00	Units: uL	
8260 SP_00127	Amount Added: 20.00	Units: uL	
8FreonsSS_00022	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\20200725-113918.b\F99076.D

Injection Date: 26-Jul-2020 04:13:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: ICV

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

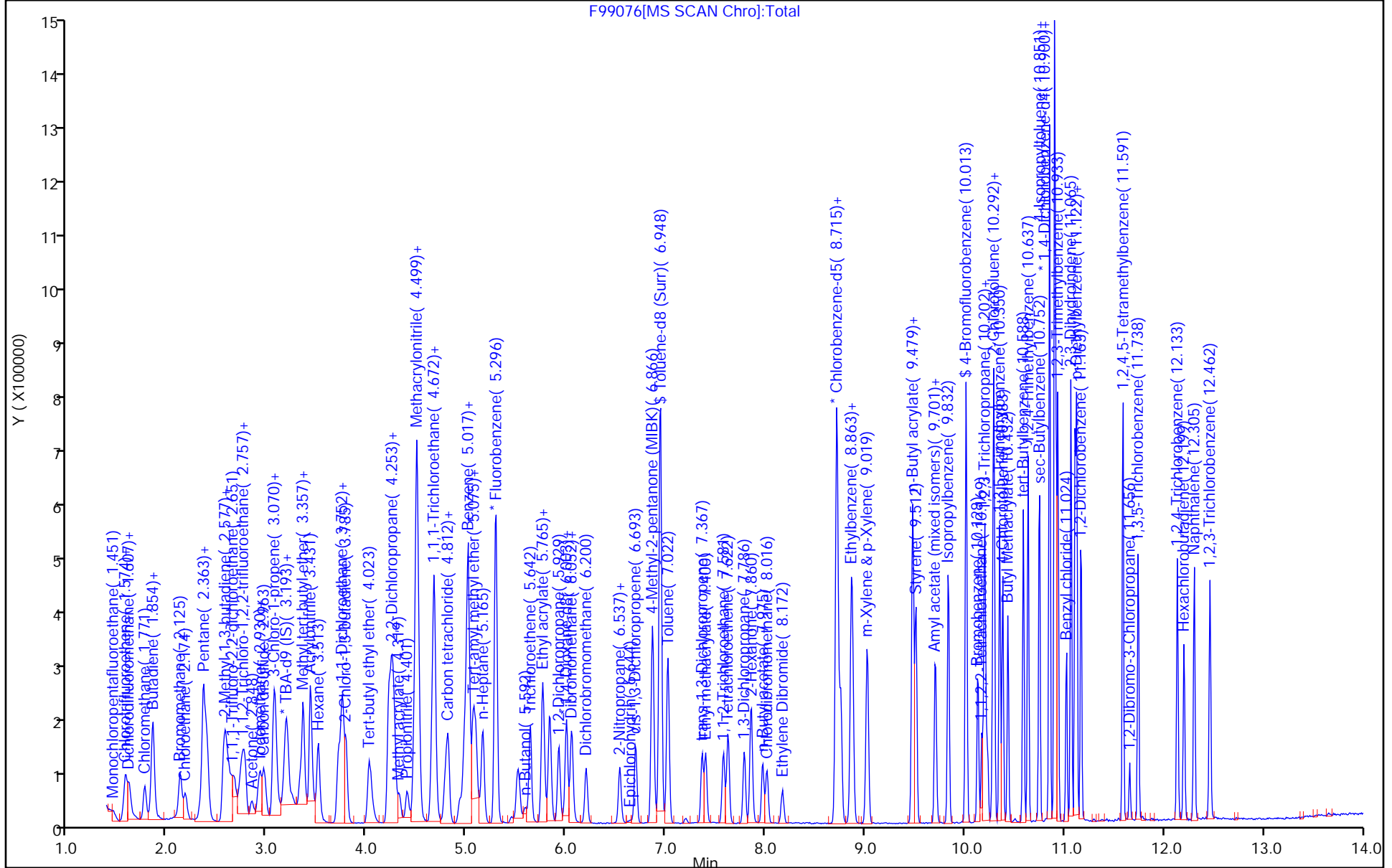
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D
Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

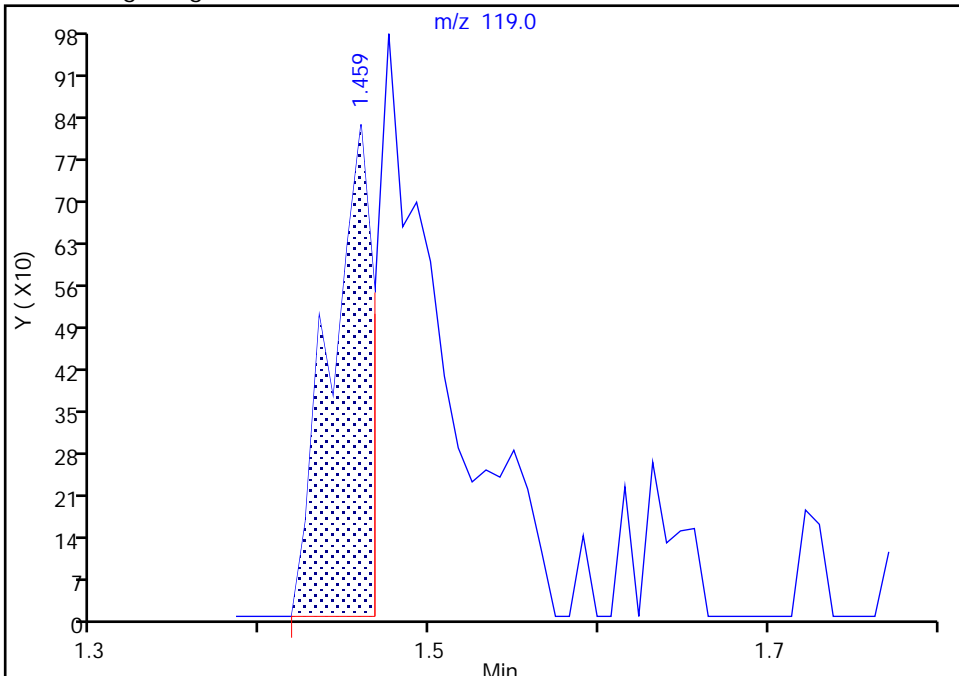
ALS Bottle#: 16 Worklist Smp#: 16
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

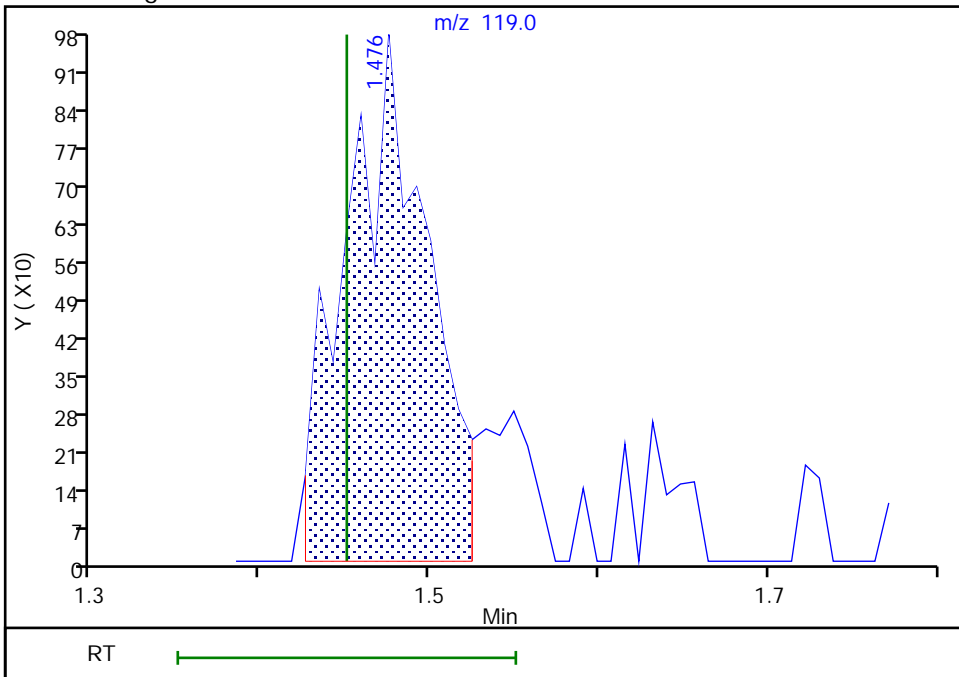
RT: 1.46
Area: 1483
Amount: 3.668933
Amount Units: ug/l

Processing Integration Results



RT: 1.48
Area: 3368
Amount: 10.321771
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 13:44:20
Audit Action: Manually Integrated

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

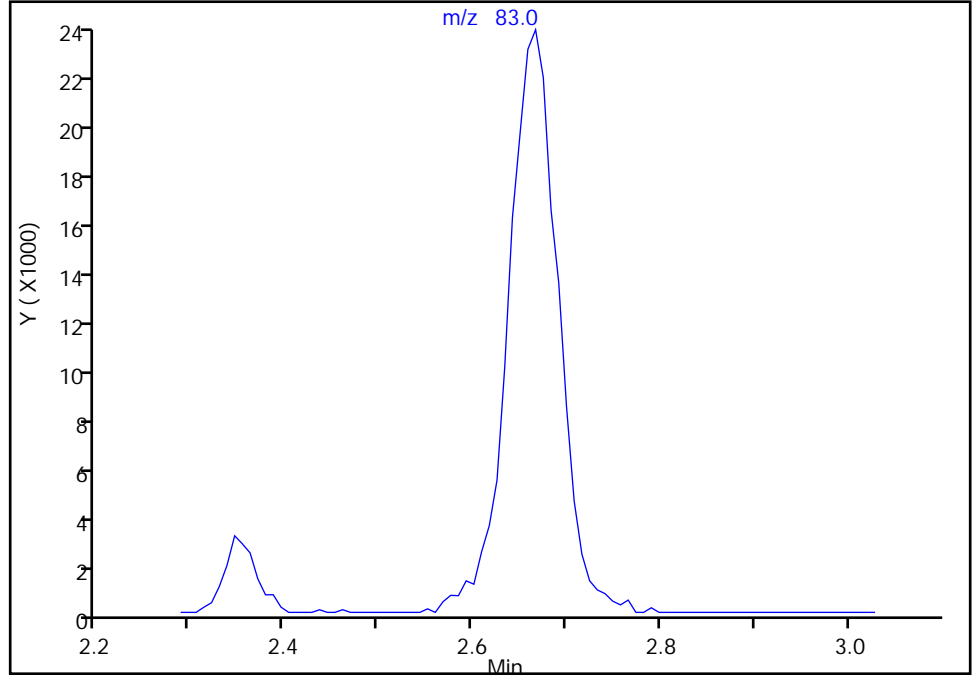
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Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

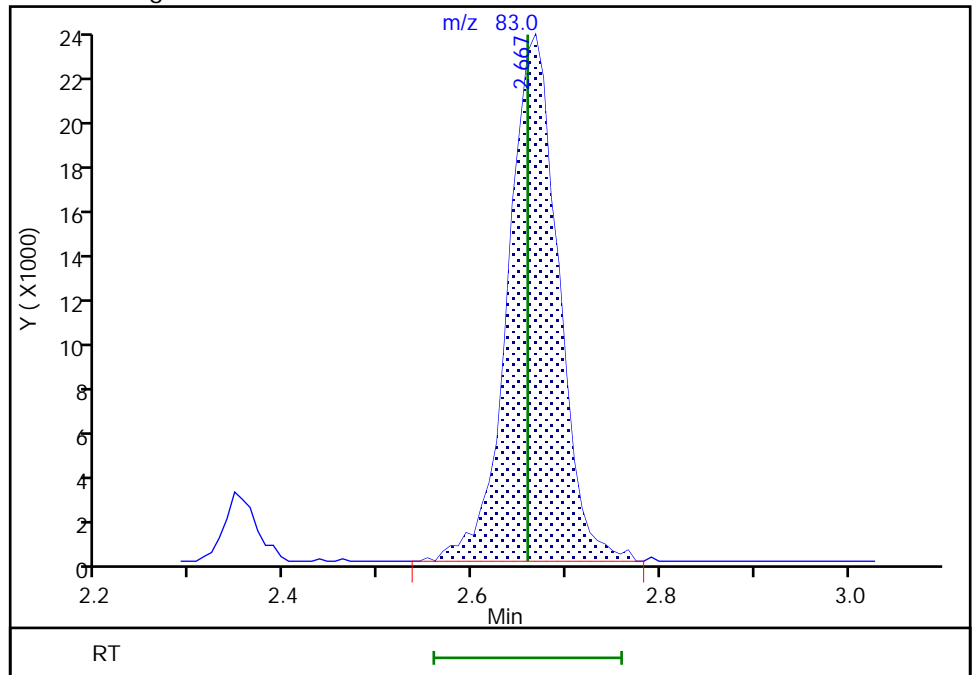
Not Detected
Expected RT: 2.66

Processing Integration Results



Manual Integration Results

RT: 2.67
Area: 86160
Amount: 18.809444
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 12:46:43
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D
Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

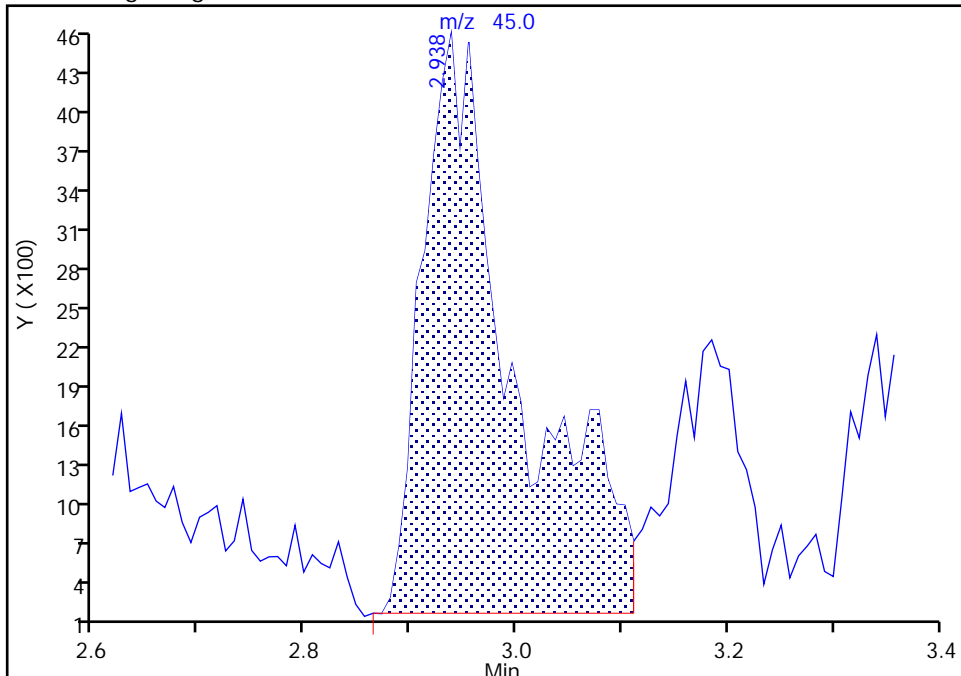
ALS Bottle#: 16 Worklist Smp#: 16
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

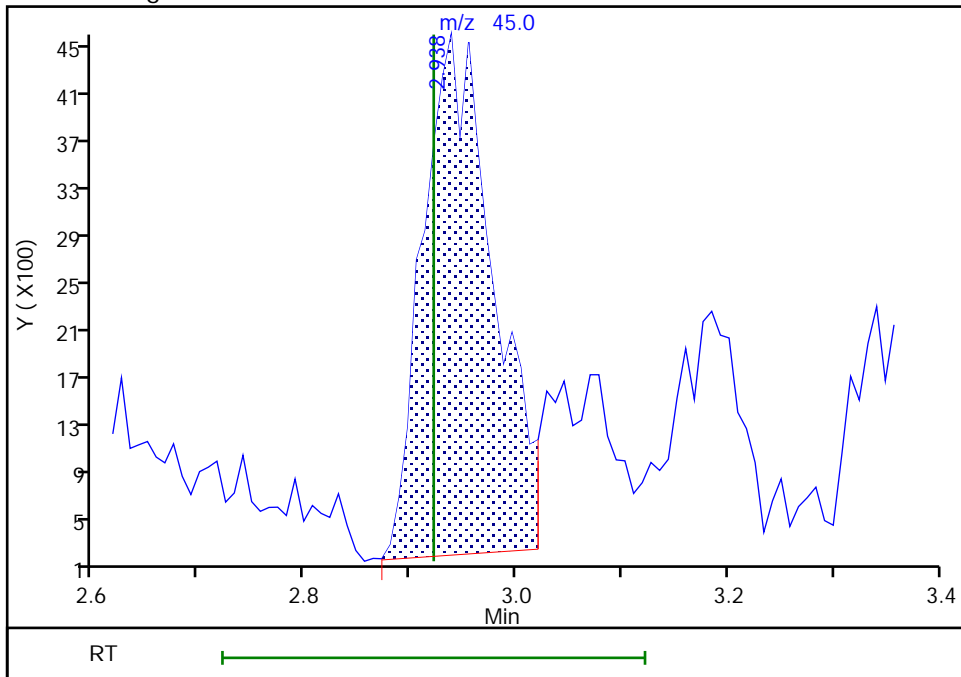
RT: 2.94
Area: 27226
Amount: 299.6413
Amount Units: ug/l

Processing Integration Results



RT: 2.94
Area: 20591
Amount: 226.6185
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 14:16:00
Audit Action: Manually Integrated

Audit Reason: Peak Tail

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D
Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260624W6
Column: Rtx-624 (0.25 mm)

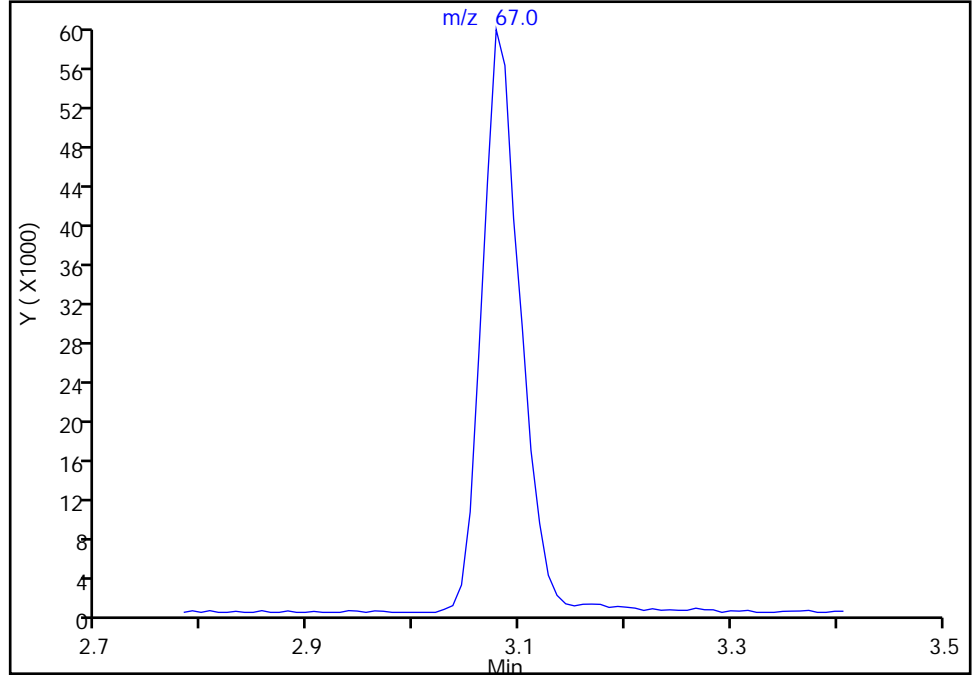
ALS Bottle#: 16 Worklist Smp#: 16
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

28 Cyclopentene, CAS: 142-29-0

Signal: 1

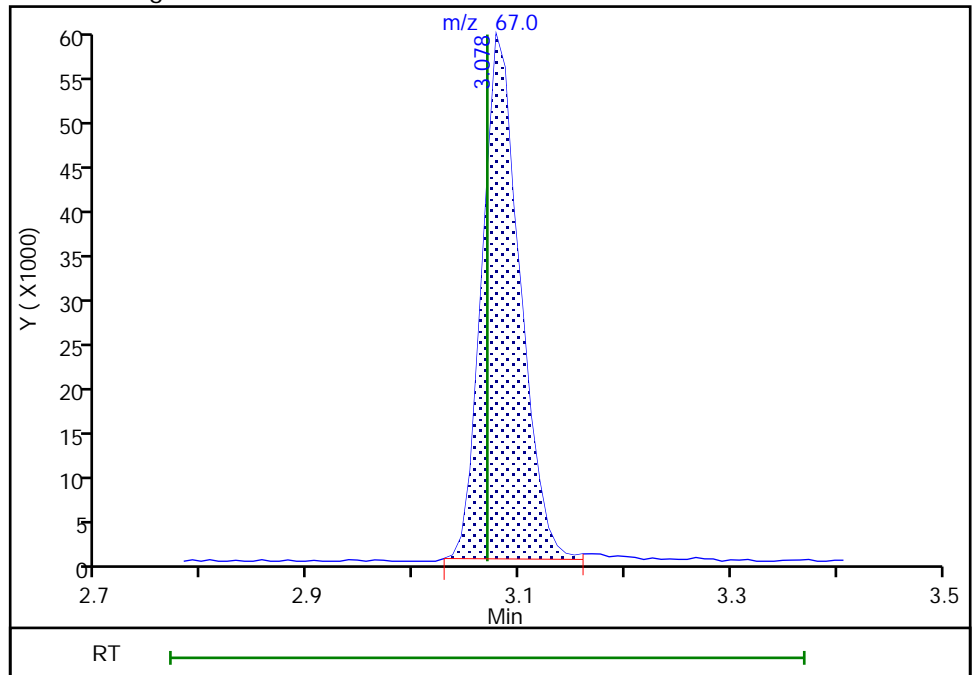
Not Detected
Expected RT: 3.07

Processing Integration Results



Manual Integration Results

RT: 3.08
Area: 147597
Amount: 18.725985
Amount Units: ug/l



Eurofins TestAmerica, Edison

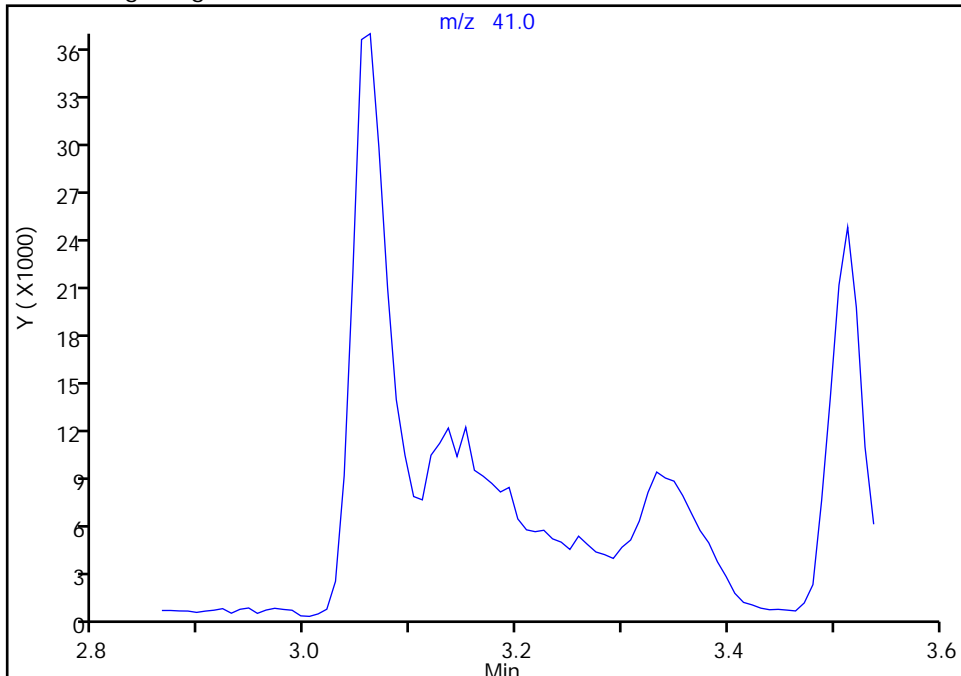
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Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

29 Acetonitrile, CAS: 75-05-8

Signal: 1

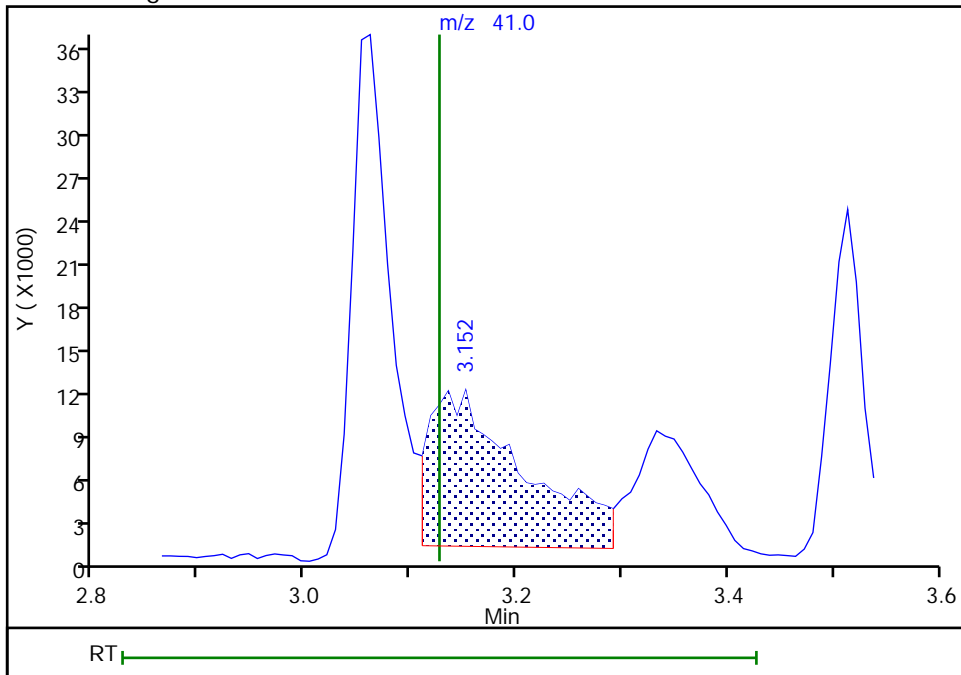
Not Detected
Expected RT: 3.13

Processing Integration Results



Manual Integration Results

RT: 3.15
Area: 68407
Amount: 263.4030
Amount Units: ug/l



Reviewer: kluseys, 26-Jul-2020 14:17:21
Audit Action: Manually Integrated

Audit Reason: Baseline
Page 525 of 728

Eurofins TestAmerica, Edison

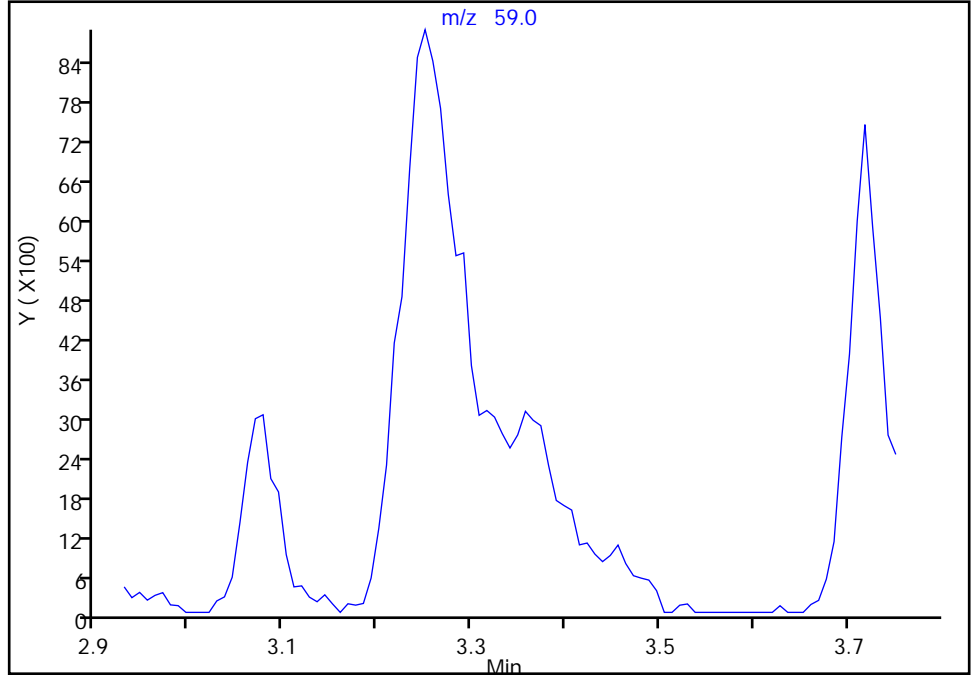
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D
Injection Date: 26-Jul-2020 04:13:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

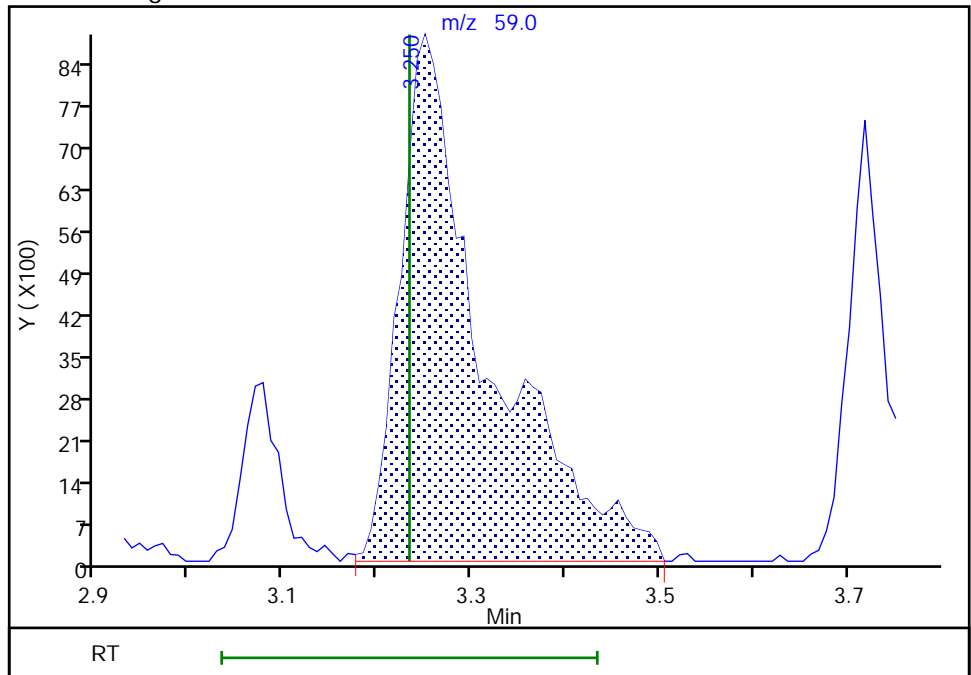
Not Detected
Expected RT: 3.23

Processing Integration Results



RT: 3.25
Area: 56932
Amount: 249.8295
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:47:00
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99076.D

Injection Date: 26-Jul-2020 04:13:30

Instrument ID: CVOAMS6

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

16

Worklist Smp#:

16

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

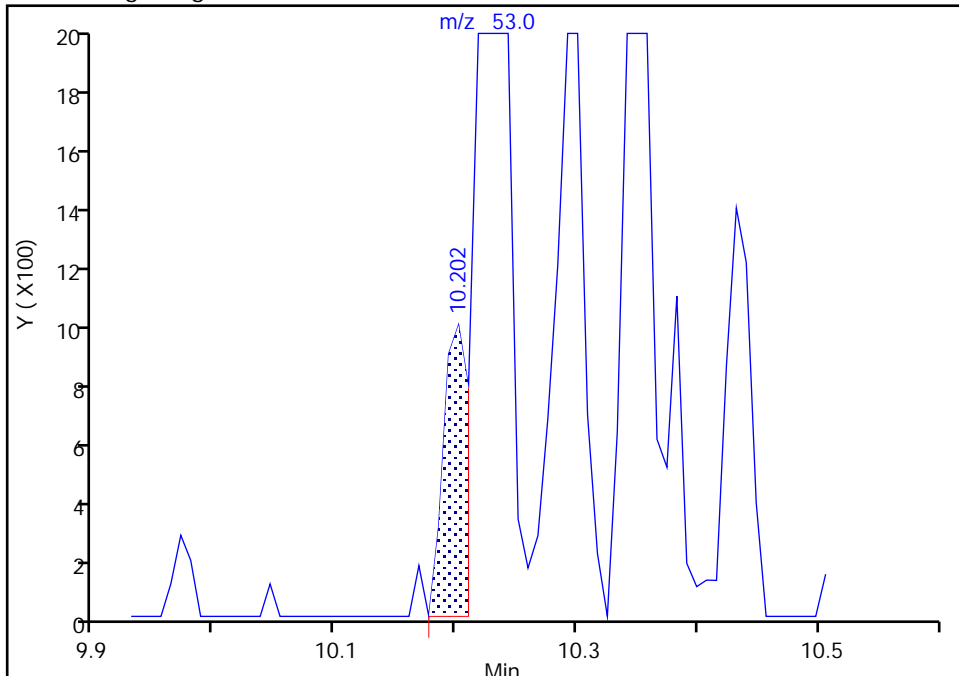
MS SCAN

109 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

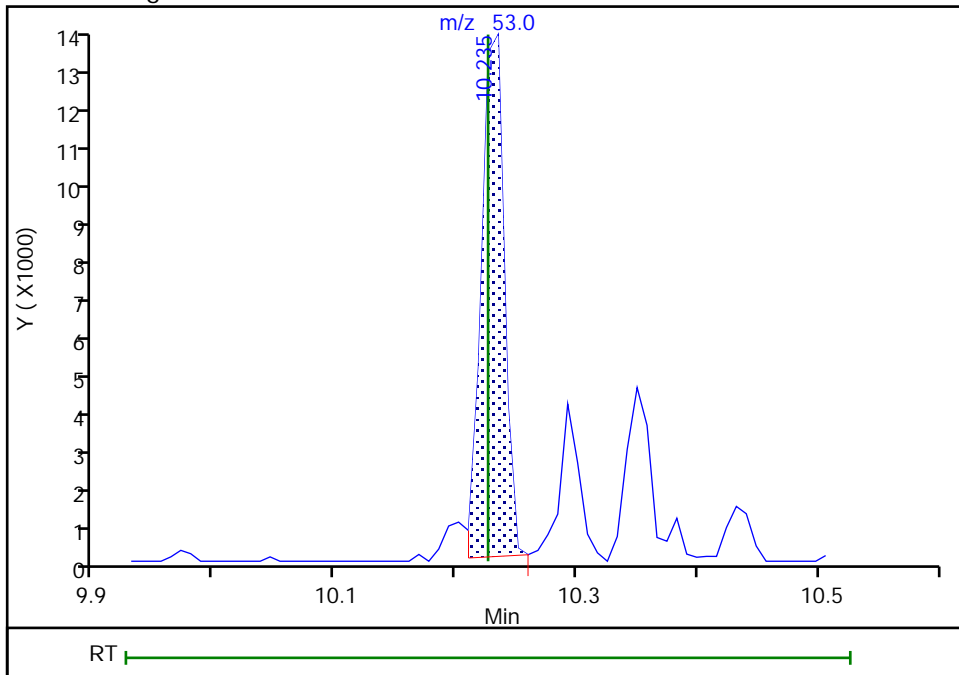
RT: 10.20
Area: 1460
Amount: 1.455057
Amount Units: ug/l

Processing Integration Results



RT: 10.23
Area: 17439
Amount: 17.379956
Amount Units: ug/l

Manual Integration Results



Reviewer: kluseys, 26-Jul-2020 12:47:59
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.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-719259/15 Calibration Date: 08/25/2020 02:22
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003712.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	0.3570	0.2831	0.1000	15.9	20.0	-20.7	30.0
Chloromethane	Ave	0.5113	0.4619	0.1000	18.1	20.0	-9.7	30.0
Butadiene	Ave	0.4588	0.4406		19.2	20.0	-4.0	30.0
Vinyl chloride	Ave	0.5097	0.4831	0.1000	19.0	20.0	-5.2	30.0
Bromomethane	Ave	0.3239	0.3318	0.1000	20.5	20.0	2.4	30.0
Chloroethane	Ave	0.3224	0.3056	0.1000	19.0	20.0	-5.2	30.0
Dichlorofluoromethane	Ave	0.7557	0.7644		20.2	20.0	1.1	30.0
Trichlorofluoromethane	Ave	0.5851	0.5995	0.1000	20.5	20.0	2.5	30.0
Pentane	Ave	2.239	2.267		40.5	40.0	1.3	30.0
Ethanol	QuaF		0.0524		1210	800	51.5*	30.0
Ethyl ether	Ave	0.2585	0.2808		21.7	20.0	8.6	30.0
2-Methyl-1,3-butadiene	Ave	0.3037	0.2729		18.0	20.0	-10.2	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2369	0.2389		20.2	20.0	0.9	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin2		0.3106		17.2	20.0	-14.1	30.0
Acrolein	Ave	0.6127	0.1707		11.2	40.1	-72.1*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2490	0.1829	0.1000	14.7	20.0	-26.5	30.0
1,1-Dichloroethene	Ave	0.2482	0.1970	0.1000	15.9	20.0	-20.6	30.0
Acetone	Ave	0.6380	0.5595	0.0500	87.7	100	-12.3	30.0
Iodomethane	Ave	0.4384	0.3355		15.3	20.0	-23.5	30.0
Isopropyl alcohol	Ave	0.4804	0.3811		159	200	-20.7	30.0
Carbon disulfide	Ave	0.9632	0.7668	0.1000	15.9	20.0	-20.4	30.0
Allyl chloride	Ave	0.5050	0.3728		14.8	20.0	-26.2	30.0
Cyclopentene	Ave	0.6446	0.5044		15.7	20.0	-21.7	30.0
Methyl acetate	Ave	0.2484	0.2195	0.1000	35.3	40.0	-11.6	30.0
Acetonitrile	Ave	1.008	0.8065		160	200	-20.0	30.0
Methylene Chloride	Ave	0.3091	0.2892	0.1000	18.7	20.0	-6.4	30.0
2-Methyl-2-propanol	Ave	1.116	1.138		204	200	2.0	30.0
Methyl tert-butyl ether	Ave	0.7116	0.6805	0.1000	19.1	20.0	-4.4	30.0
trans-1,2-Dichloroethene	Ave	0.2662	0.2332	0.1000	17.5	20.0	-12.4	30.0
Acrylonitrile	Ave	0.1254	0.1158		185	200	-7.7	30.0
Hexane	Ave	0.1996	0.1830		18.3	20.0	-8.3	30.0
Isopropyl ether	Ave	0.7625	0.6559		17.2	20.0	-14.0	30.0
1,1-Dichloroethane	Ave	0.4624	0.4191	0.2000	18.1	20.0	-9.4	30.0
Vinyl acetate	Ave	0.0588	0.0341		23.2	40.0	-42.0*	30.0
2-Chloro-1,3-butadiene	Ave	0.2331	0.1734		14.9	20.0	-25.6	30.0
Tert-butyl ethyl ether	Ave	0.7329	0.6102		16.7	20.0	-16.7	30.0
2,2-Dichloropropane	Ave	0.0841	0.0703		16.7	20.0	-16.4	30.0
cis-1,2-Dichloroethene	Ave	0.2987	0.2639	0.1000	17.7	20.0	-11.6	30.0
2-Butanone (MEK)	Ave	0.2933	0.2462	0.0500	83.9	100	-16.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-719259/15 Calibration Date: 08/25/2020 02:22
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003712.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.2399	0.2148		35.8	40.0	-10.4	30.0
Methyl acrylate	Ave	0.3870	0.3051		15.8	20.0	-21.2	30.0
Propionitrile	Ave	1.525	1.334		175	200	-12.5	30.0
Chlorobromomethane	Ave	0.1379	0.1246		18.1	20.0	-9.6	30.0
Tetrahydrofuran	Ave	0.3567	0.3241		36.3	40.0	-9.1	30.0
Methacrylonitrile	Ave	0.1371	0.1086		159	200	-20.7	30.0
Chloroform	Ave	0.4498	0.4163	0.2000	18.5	20.0	-7.5	30.0
Cyclohexane	Ave	0.4309	0.4205	0.1000	19.5	20.0	-2.4	30.0
1,1,1-Trichloroethane	Ave	0.4032	0.3757	0.1000	18.6	20.0	-6.8	30.0
Carbon tetrachloride	Ave	0.3317	0.2973	0.1000	17.9	20.0	-10.4	30.0
1,1-Dichloropropene	Ave	0.3526	0.3108		17.6	20.0	-11.9	30.0
Isobutyl alcohol	Ave	0.3147	0.3201		509	500	1.7	30.0
Benzene	Ave	1.431	1.351	0.5000	18.9	20.0	-5.6	30.0
Isopropyl acetate	Ave	0.8645	0.7450		17.2	20.0	-13.8	30.0
Tert-amyl methyl ether	Ave	0.8003	0.7127		17.8	20.0	-10.9	30.0
1,2-Dichloroethane	Ave	0.3678	0.3571	0.1000	19.4	20.0	-2.9	30.0
n-Heptane	Ave	0.1694	0.1762		20.8	20.0	4.0	30.0
n-Butanol	Ave	0.3023	0.2367		392	500	-21.7	30.0
Trichloroethene	Ave	0.2658	0.2561	0.2000	19.3	20.0	-3.6	30.0
Ethyl acrylate	Ave	0.7370	0.6123		16.6	20.0	-16.9	30.0
Methylcyclohexane	Ave	0.4685	0.4374	0.1000	18.7	20.0	-6.6	30.0
1,2-Dichloropropane	Ave	0.2744	0.2671	0.1000	19.5	20.0	-2.7	30.0
Methyl methacrylate	Ave	0.0834	0.0696		33.4	40.0	-16.6	30.0
1,4-Dioxane	Ave	0.8559	0.9062		424	400	5.9	30.0
Dibromomethane	Ave	0.1888	0.1698		18.0	20.0	-10.0	30.0
n-Propyl acetate	Ave	0.4244	0.3301		15.6	20.0	-22.2	30.0
Dichlorobromomethane	Ave	0.3454	0.3533	0.2000	20.5	20.0	2.3	30.0
2-Chloroethyl vinyl ether	Ave	0.1813	0.1490		16.4	20.0	-17.8	30.0
2-Nitropropane	Ave	0.1037	0.0776		29.9	40.0	-25.2	30.0
Epichlorohydrin	Ave	0.2335	0.2401		20.6	20.0	2.8	30.0
cis-1,3-Dichloropropene	Ave	0.6071	0.5654	0.2000	18.6	20.0	-6.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.133	0.0500	93.9	100	-6.1	30.0
Toluene	Ave	1.540	1.511	0.4000	19.6	20.0	-1.8	30.0
trans-1,3-Dichloropropene	Ave	0.5540	0.4903	0.1000	17.7	20.0	-11.5	30.0
Ethyl methacrylate	Ave	0.5598	0.5331		19.0	20.0	-4.8	30.0
1,1,2-Trichloroethane	Ave	0.2677	0.2639	0.1000	19.7	20.0	-1.4	30.0
Tetrachloroethene	Ave	0.3204	0.3048	0.2000	19.0	20.0	-4.8	30.0
1,3-Dichloropropane	Ave	0.5530	0.5393		19.5	20.0	-2.5	30.0
2-Hexanone	Ave	1.512	1.403	0.0500	92.8	100	-7.2	30.0
n-Butyl acetate	Ave	0.6399	0.5486		17.1	20.0	-14.3	30.0
Chlorodibromomethane	Ave	0.3446	0.3227	0.1000	18.7	20.0	-6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-719259/15 Calibration Date: 08/25/2020 02:22
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003712.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
Ethylene Dibromide	Ave	0.3375	0.3049	0.1000	18.1	20.0	-9.7	30.0
Chlorobenzene	Ave	0.9582	0.9067	0.5000	18.9	20.0	-5.4	30.0
Ethylbenzene	Ave	0.5398	0.5263	0.1000	19.5	20.0	-2.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3527	0.3422		19.4	20.0	-3.0	30.0
m-Xylene & p-Xylene	Ave	0.6617	0.6385	0.1000	19.3	20.0	-3.5	30.0
n-Butyl acrylate	Ave	0.3536	0.2932		16.6	20.0	-17.1	30.0
o-Xylene	Ave	0.6913	0.6542	0.3000	18.9	20.0	-5.4	30.0
Styrene	Ave	1.110	1.061	0.3000	19.1	20.0	-4.4	30.0
Amyl acetate (mixed isomers)	Ave	1.539	1.176		15.3	20.0	-23.6	30.0
Bromoform	Ave	0.2510	0.2259	0.1000	18.0	20.0	-10.0	30.0
Isopropylbenzene	Ave	1.693	1.673	0.1000	19.8	20.0	-1.2	30.0
Bromobenzene	Ave	0.7570	0.6589		17.4	20.0	-13.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8861	0.7758	0.3000	17.5	20.0	-12.4	30.0
N-Propylbenzene	Ave	3.933	3.557		18.1	20.0	-9.6	30.0
1,2,3-Trichloropropane	Ave	0.2967	0.2409		16.2	20.0	-18.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2645	0.2430		18.4	20.0	-8.2	30.0
2-Chlorotoluene	Ave	2.649	2.422		18.3	20.0	-8.6	30.0
4-Ethyltoluene	Ave	3.206	2.548		15.9	20.0	-20.5	30.0
1,3,5-Trimethylbenzene	Ave	2.652	2.490		18.8	20.0	-6.1	30.0
4-Chlorotoluene	Ave	2.371	2.166		18.3	20.0	-8.7	30.0
Butyl Methacrylate	Ave	1.129	0.8940		15.8	20.0	-20.8	30.0
tert-Butylbenzene	Ave	2.131	1.948		18.3	20.0	-8.6	30.0
1,2,4-Trimethylbenzene	Ave	2.832	2.583		18.2	20.0	-8.8	30.0
sec-Butylbenzene	Ave	3.410	3.124		18.3	20.0	-8.4	30.0
1,3-Dichlorobenzene	Ave	1.499	1.350	0.6000	18.0	20.0	-9.9	30.0
4-Isopropyltoluene	Ave	2.961	2.665		18.0	20.0	-10.0	30.0
1,4-Dichlorobenzene	Ave	1.478	1.388	0.5000	18.8	20.0	-6.1	30.0
1,2,3-Trimethylbenzene	Ave	2.948	2.399		16.3	20.0	-18.6	30.0
Benzyl chloride	Ave	1.731	1.272		14.7	20.0	-26.5	30.0
Indan	Ave	2.911	2.425		16.7	20.0	-16.7	30.0
p-Diethylbenzene	Ave	1.555	1.341		17.2	20.0	-13.8	30.0
n-Butylbenzene	Ave	1.591	1.489		18.7	20.0	-6.4	30.0
1,2-Dichlorobenzene	Ave	1.504	1.438	0.4000	19.1	20.0	-4.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.018	2.307		15.3	20.0	-23.6	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2191	0.1992	0.0500	18.2	20.0	-9.1	30.0
1,3,5-Trichlorobenzene	Ave	1.176	0.8769		14.9	20.0	-25.4	30.0
1,2,4-Trichlorobenzene	Ave	1.173	0.9738	0.2000	16.6	20.0	-17.0	30.0
Hexachlorobutadiene	Ave	0.4459	0.3556		16.0	20.0	-20.2	30.0
Naphthalene	Ave	3.264	2.853		17.5	20.0	-12.6	30.0
1,2,3-Trichlorobenzene	Ave	1.092	0.9317		17.1	20.0	-14.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2521		49.8	50.0	-0.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: ICV 460-719259/15 Calibration Date: 08/25/2020 02:22
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003712.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3323	0.3370		50.7	50.0	1.4	30.0
Toluene-d8 (Surr)	Ave	1.430	1.510		52.8	50.0	5.6	30.0
4-Bromofluorobenzene	Ave	0.4195	0.4260		50.8	50.0	1.6	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003712.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 25-Aug-2020 02:22:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0115680-015
 Operator ID: Instrument ID: CVOAMS6
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 17:38:00 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc

Date: 25-Aug-2020 08:42:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.574	-0.016	73	36119	20.0	15.9	
2 Chloromethane	50	1.738	1.738	0.000	89	58922	20.0	18.1	
3 Butadiene	54	1.812	1.820	-0.008	70	56211	20.0	19.2	
4 Vinyl chloride	62	1.821	1.820	0.001	67	61621	20.0	19.0	
5 Bromomethane	94	2.084	2.092	-0.008	95	42328	20.0	20.5	
6 Chloroethane	64	2.133	2.141	-0.008	96	38981	20.0	19.0	
7 Dichlorofluoromethane	67	2.314	2.313	0.001	89	97510	20.0	20.2	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	63	76471	20.0	20.5	
9 Pentane	72	2.338	2.346	-0.008	95	16367	40.0	40.5	
10 Ethyl ether	59	2.503	2.511	-0.008	91	35816	20.0	21.7	
11 Ethanol	46	2.503	2.511	-0.008	74	7559	800.0	1212.2	
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	95	34812	20.0	18.0	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.552	2.560	-0.008	80	30481	20.0	20.2	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.609	2.618	-0.009	77	39620	20.0	17.2	a
15 Acrolein	56	2.675	2.675	0.000	33	1234	40.1	11.2	M
16 112TCTFE	101	2.692	2.691	0.001	69	23334	20.0	14.7	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	87	25134	20.0	15.9	
18 Acetone	43	2.790	2.790	0.000	78	48965	100.0	87.7	
19 Iodomethane	142	2.864	2.872	-0.008	99	42800	20.0	15.3	
20 Isopropyl alcohol	45	2.872	2.880	-0.008	1	13757	200.0	158.7	
21 Carbon disulfide	76	2.913	2.922	-0.009	99	97821	20.0	15.9	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	54	47558	20.0	14.8	
23 Methyl acetate	43	3.020	3.020	0.000	84	56006	40.0	35.3	
24 Cyclopentene	67	3.020	3.028	-0.008	84	64347	20.0	15.7	
25 Acetonitrile	41	3.078	3.094	-0.016	3	29113	200.0	160.0	a
26 Methylene Chloride	84	3.135	3.143	-0.008	76	36889	20.0	18.7	
* 27 TBA-d9 (IS)	65	3.135	3.143	-0.008	0	180480	1000.0	1000.0	
28 2-Methyl-2-propanol	59	3.193	3.193	0.000	48	41089	200.0	203.9	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	95	86807	20.0	19.1	
30 trans-1,2-Dichloroethene	96	3.300	3.308	-0.008	89	29750	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
31 Acrylonitrile	53	3.374	3.382	-0.008	92	147760	200.0	184.7	
32 Hexane	43	3.456	3.456	0.000	91	23350	20.0	18.3	
33 Isopropyl ether	45	3.653	3.661	-0.008	94	83673	20.0	17.2	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	94	53467	20.0	18.1	
35 Vinyl acetate	86	3.702	3.702	0.000	99	8698	40.0	23.2	
36 2-Chloro-1,3-butadiene	88	3.727	3.735	-0.008	69	22120	20.0	14.9	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	77845	20.0	16.7	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	218787	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.179	0.000	62	8971	20.0	16.7	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	87	33670	20.0	17.7	
41 Ethyl acetate	70	4.212	4.212	0.000	89	7519	40.0	35.8	
42 2-Butanone (MEK)	72	4.212	4.212	0.000	84	21543	100.0	83.9	
43 Methyl acrylate	55	4.261	4.261	0.000	66	28442	20.0	15.8	
44 Propionitrile	54	4.343	4.335	0.008	71	48170	200.0	175.0	
45 Chlorobromomethane	128	4.409	4.409	0.000	86	15900	20.0	18.1	
46 Tetrahydrofuran	72	4.417	4.417	0.000	34	11347	40.0	36.3	
47 Methacrylonitrile	67	4.434	4.433	0.001	91	138569	200.0	158.5	
48 Chloroform	83	4.458	4.458	0.000	83	53102	20.0	18.5	
49 Cyclohexane	84	4.590	4.598	-0.008	89	53646	20.0	19.5	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	58	47932	20.0	18.6	
\$ 51 Dibromofluoromethane (Surr)	113	4.614	4.614	0.000	92	80400	50.0	49.8	
52 Carbon tetrachloride	117	4.721	4.721	0.000	87	37931	20.0	17.9	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	91	39642	20.0	17.6	
54 Isobutyl alcohol	43	4.869	4.869	0.000	97	28883	500.0	508.5	
55 Benzene	78	4.943	4.943	0.000	94	125967	20.0	18.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.959	-0.008	0	107486	50.0	50.7	
57 Isopropyl acetate	43	5.001	5.000	0.001	71	95034	20.0	17.2	
58 Tert-amyl methyl ether	73	5.009	5.009	0.000	57	90913	20.0	17.8	
59 1,2-Dichloroethane	62	5.025	5.033	-0.008	56	45554	20.0	19.4	
60 n-Heptane	57	5.091	5.099	-0.008	57	22475	20.0	20.8	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	318916	50.0	50.0	
62 n-Butanol	56	5.518	5.518	0.000	81	21363	500.0	391.5	
63 Trichloroethene	95	5.568	5.567	0.001	91	32673	20.0	19.3	
64 Ethyl acrylate	55	5.691	5.691	0.000	95	78103	20.0	16.6	
65 Methylcyclohexane	83	5.699	5.699	0.000	83	55803	20.0	18.7	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	85	34072	20.0	19.5	
* 67 1,4-Dioxane-d8	96	5.913	5.912	0.001	0	16374	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.937	-0.008	85	17751	40.0	33.4	
69 Dibromomethane	93	5.978	5.986	-0.008	64	21667	20.0	18.0	
70 n-Propyl acetate	43	5.987	5.986	0.001	72	42116	20.0	15.6	
71 1,4-Dioxane	88	5.970	5.986	-0.016	23	5935	400.0	423.5	
72 Dichlorobromomethane	83	6.126	6.126	0.000	94	45071	20.0	20.5	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	68	19009	20.0	16.4	
74 2-Nitropropane	41	6.463	6.463	0.000	85	19799	40.0	29.9	
75 Epichlorohydrin	57	6.578	6.570	0.008	93	4203	20.0	20.6	M
76 cis-1,3-Dichloropropene	75	6.628	6.627	0.001	89	52715	20.0	18.6	
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	96	186691	100.0	93.9	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.874	-0.008	96	351961	50.0	52.8	
79 Toluene	91	6.948	6.948	0.000	84	140908	20.0	19.6	
80 trans-1,3-Dichloropropene	75	7.285	7.293	-0.008	95	45711	20.0	17.7	
81 Ethyl methacrylate	69	7.326	7.326	0.000	87	49695	20.0	19.0	
82 1,1,2-Trichloroethane	83	7.499	7.498	0.000	92	24598	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Tetrachloroethene	166	7.548	7.548	0.000	83	28420	20.0	19.0	
84 1,3-Dichloropropane	76	7.712	7.712	0.000	92	50274	20.0	19.5	
85 2-Hexanone	43	7.778	7.778	0.000	92	122760	100.0	92.8	
86 n-Butyl acetate	43	7.893	7.893	0.000	97	51148	20.0	17.1	
87 Chlorodibromomethane	129	7.934	7.934	0.000	93	30088	20.0	18.7	
88 Ethylene Dibromide	107	8.090	8.090	0.000	99	28425	20.0	18.1	
* 89 Chlorobenzene-d5	117	8.641	8.641	0.001	87	233068	50.0	50.0	
90 Chlorobenzene	112	8.674	8.673	0.001	83	84532	20.0	18.9	
91 Ethylbenzene	106	8.780	8.780	0.000	99	49061	20.0	19.5	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	48	31906	20.0	19.4	
93 m-Xylene & p-Xylene	106	8.945	8.945	0.000	0	59527	20.0	19.3	
94 n-Butyl acrylate	73	9.405	9.405	0.000	88	27331	20.0	16.6	
95 o-Xylene	106	9.413	9.413	0.000	93	60987	20.0	18.9	
96 Styrene	104	9.446	9.446	0.000	93	98912	20.0	19.1	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	91	63226	20.0	15.3	
98 Bromoform	173	9.651	9.651	0.000	68	21058	20.0	18.0	
99 Isopropylbenzene	105	9.775	9.774	0.001	97	155962	20.0	19.8	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	83	99291	50.0	50.8	
101 Bromobenzene	156	10.079	10.078	0.001	96	35409	20.0	17.4	
102 1,1,2,2-Tetrachloroethane	83	10.120	10.120	0.000	87	41693	20.0	17.5	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	191140	20.0	18.1	a
104 1,2,3-Trichloropropane	110	10.161	10.161	0.000	83	12946	20.0	16.2	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	7	13057	20.0	18.4	
106 2-Chlorotoluene	91	10.235	10.235	0.000	97	130162	20.0	18.3	a
107 4-Ethyltoluene	105	10.243	10.243	0.000	93	136946	20.0	15.9	
108 1,3,5-Trimethylbenzene	105	10.300	10.300	0.000	93	133817	20.0	18.8	
109 4-Chlorotoluene	91	10.325	10.325	0.000	82	116392	20.0	18.3	
110 Butyl Methacrylate	87	10.383	10.382	0.001	91	48046	20.0	15.8	
111 tert-Butylbenzene	119	10.539	10.539	0.000	92	104663	20.0	18.3	
112 1,2,4-Trimethylbenzene	105	10.588	10.588	0.000	71	138832	20.0	18.2	
113 sec-Butylbenzene	105	10.703	10.703	0.000	98	167911	20.0	18.3	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	73	72578	20.0	18.0	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	93	143220	20.0	18.0	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.859	-0.008	97	134354	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	87	74590	20.0	18.8	
118 1,2,3-Trimethylbenzene	105	10.884	10.892	-0.008	66	128943	20.0	16.3	
119 Benzyl chloride	91	10.974	10.974	0.000	98	68369	20.0	14.7	
120 2,3-Dihydroindene	117	11.024	11.023	0.001	78	130321	20.0	16.7	
121 p-Diethylbenzene	119	11.065	11.064	0.001	77	72071	20.0	17.2	
122 n-Butylbenzene	92	11.081	11.081	0.000	95	80046	20.0	18.7	
123 1,2-Dichlorobenzene	146	11.122	11.122	0.000	91	77292	20.0	19.1	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	123968	20.0	15.3	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.615	-0.008	93	10705	20.0	18.2	
126 1,3,5-Trichlorobenzene	180	11.689	11.697	-0.008	93	47124	20.0	14.9	
127 1,2,4-Trichlorobenzene	180	12.084	12.083	0.001	93	52331	20.0	16.6	
128 Hexachlorobutadiene	225	12.149	12.157	-0.008	90	19113	20.0	16.0	
129 Naphthalene	128	12.248	12.256	-0.008	99	153341	20.0	17.5	
130 1,2,3-Trichlorobenzene	180	12.404	12.412	-0.008	92	50073	20.0	17.1	
S 131 1,2-Dichloroethene, Total	100				0		40.0	35.2	
S 132 Xylenes, Total	100				0		40.0	38.2	

QC Flag Legend

Review Flags

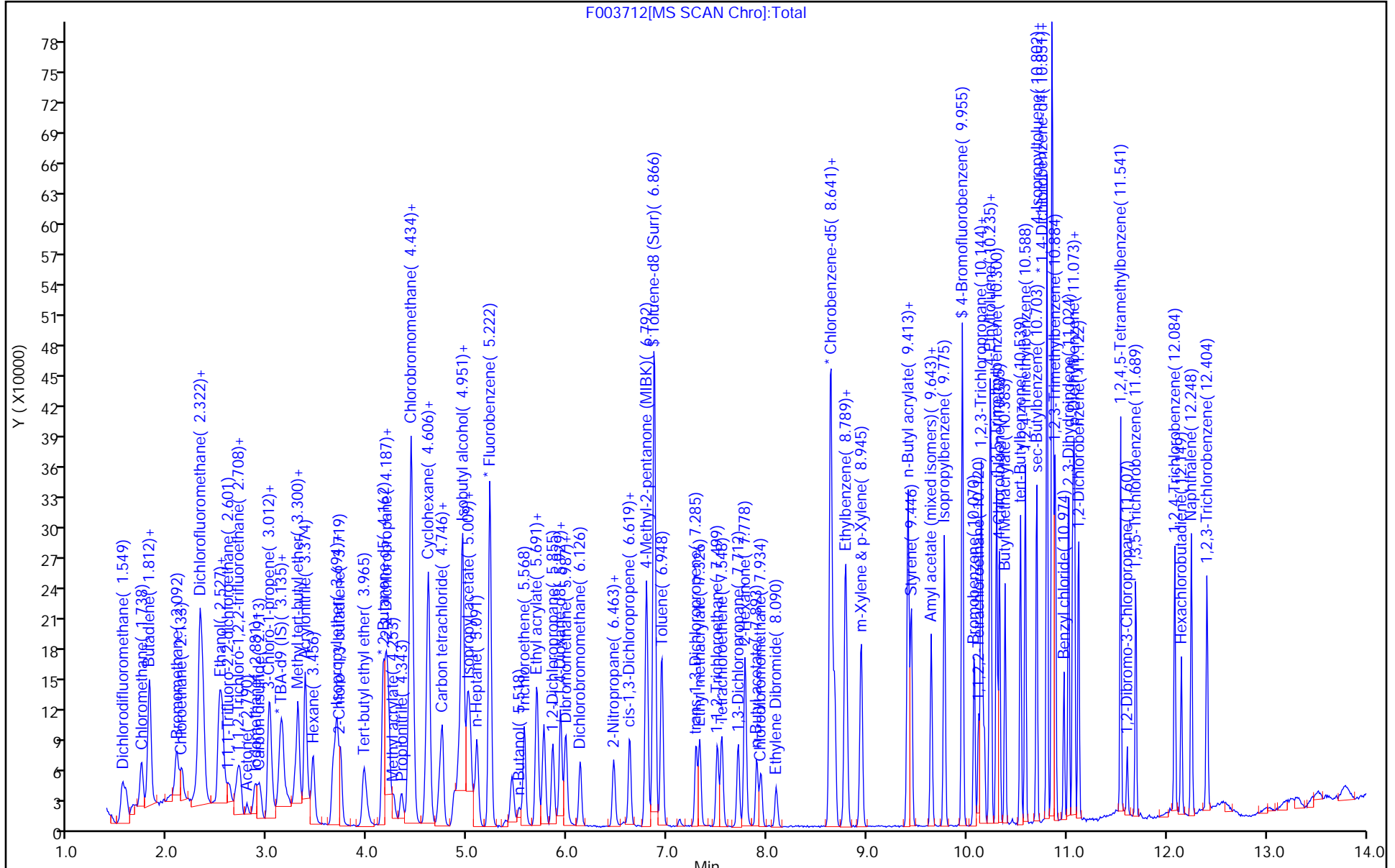
M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00115	Amount Added: 4.00	Units: uL	
GAS C SP_00370	Amount Added: 20.00	Units: uL	
8260 SP_00128	Amount Added: 20.00	Units: uL	
8FreonsSS_00023	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent

F003712[MS SCAN Chrom]:Total



Eurofins TestAmerica, Edison

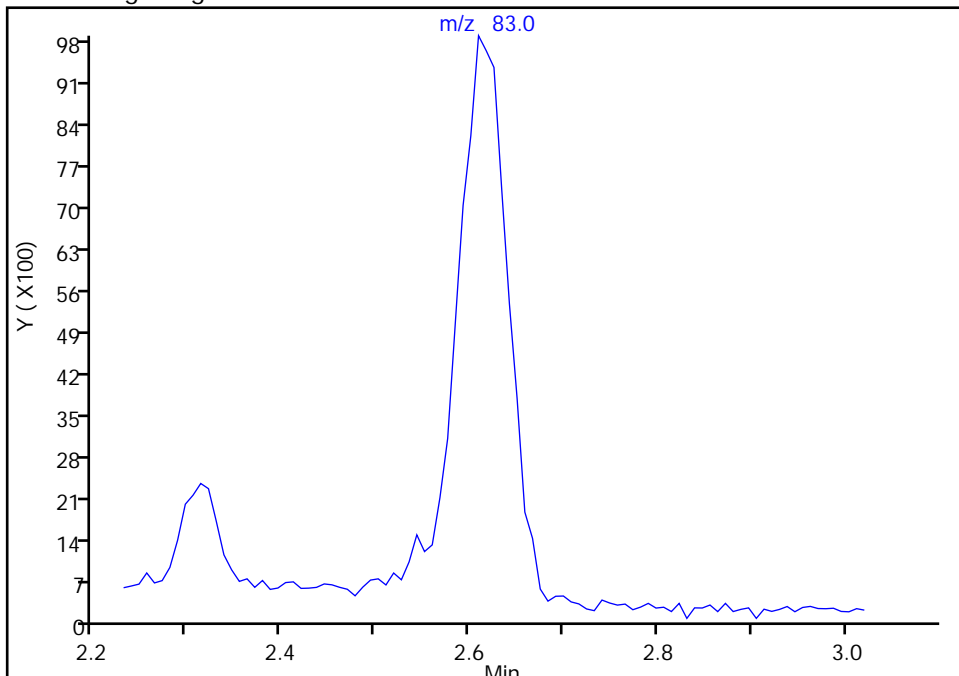
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Injection Date: 25-Aug-2020 02:22:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

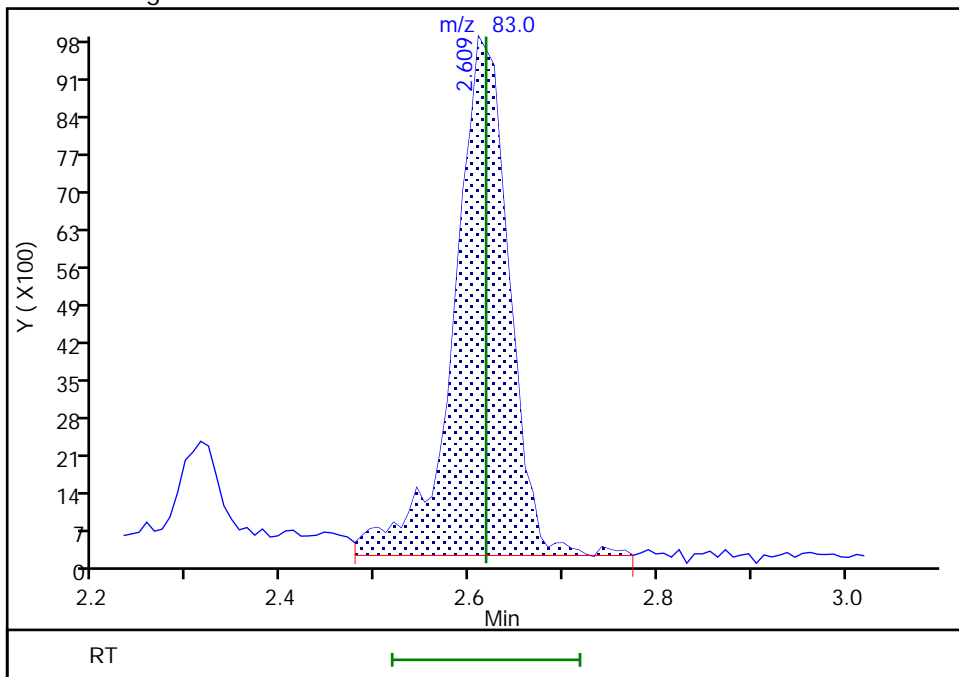
Not Detected
Expected RT: 2.62

Processing Integration Results



RT: 2.61
Area: 39620
Amount: 17.173357
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 25-Aug-2020 08:40:22
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

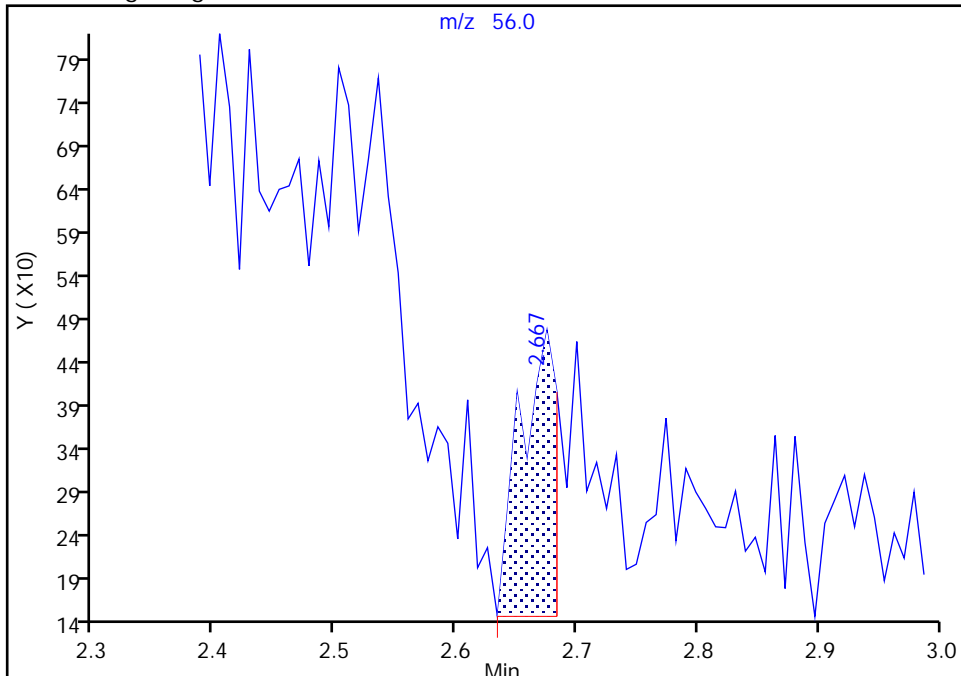
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Injection Date: 25-Aug-2020 02:22:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

15 Acrolein, CAS: 107-02-8

Signal: 1

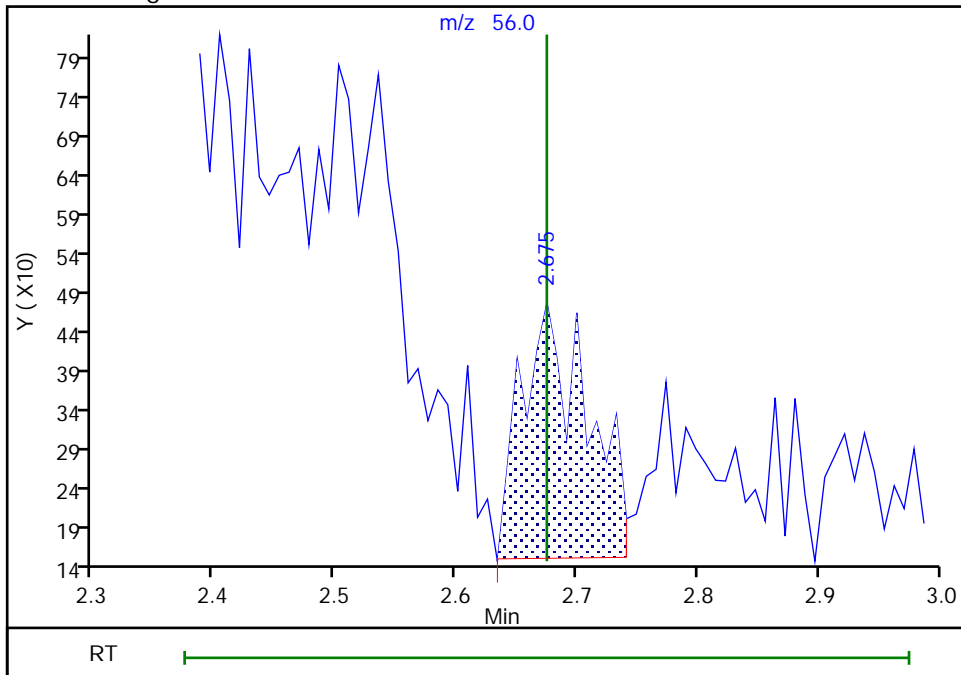
RT: 2.67
Area: 695
Amount: 6.284665
Amount Units: ug/l

Processing Integration Results



RT: 2.68
Area: 1234
Amount: 11.158672
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:24:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

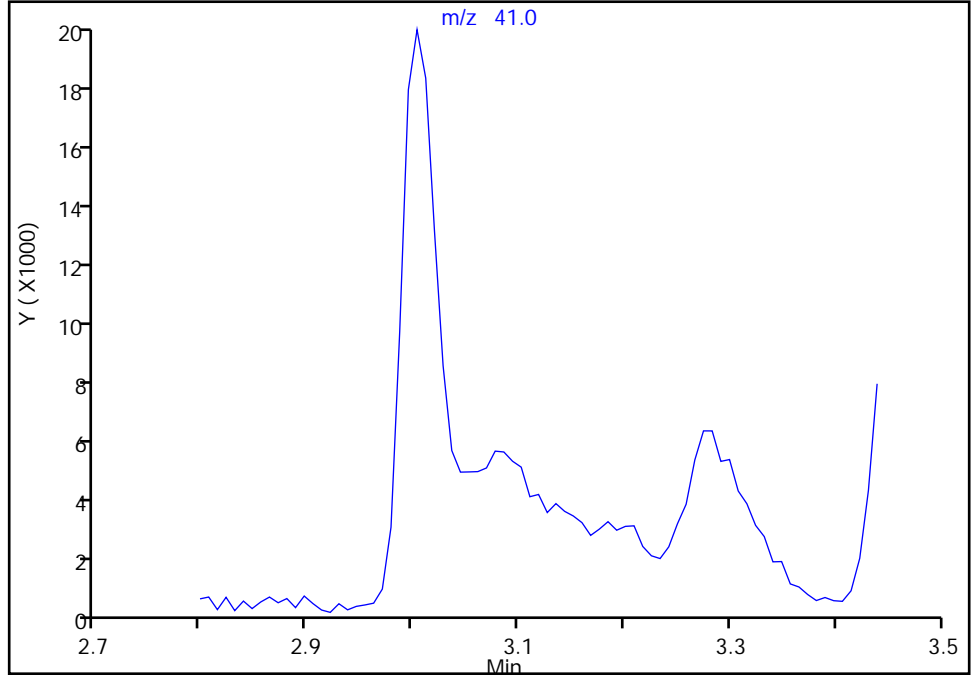
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Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

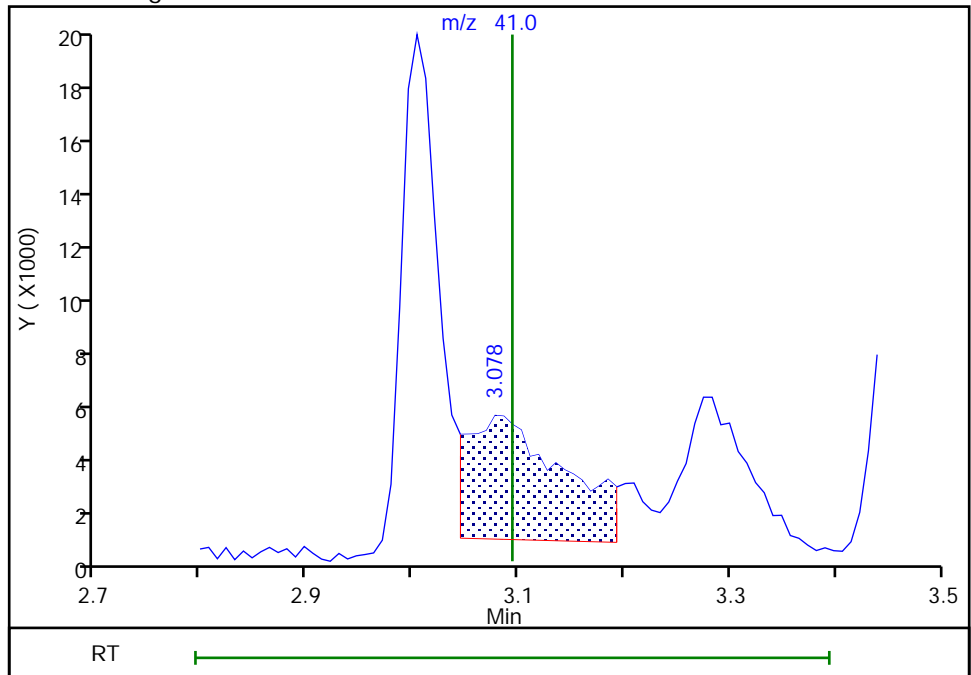
Not Detected
Expected RT: 3.09

Processing Integration Results



Manual Integration Results

RT: 3.08
Area: 29113
Amount: 159.9745
Amount Units: ug/l



Reviewer: moroneyc, 25-Aug-2020 08:40:34
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

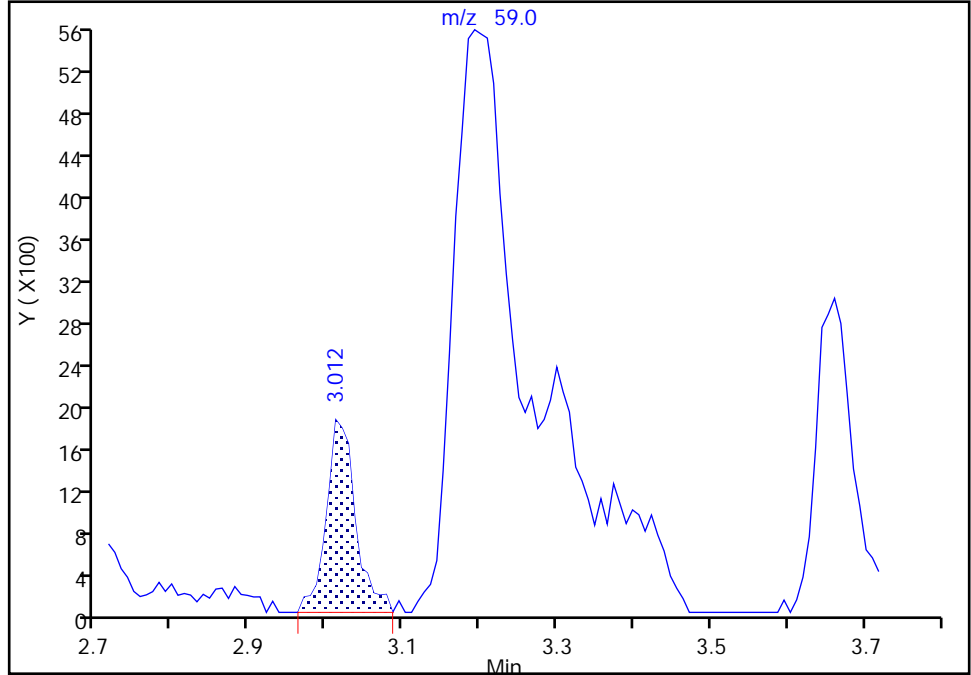
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Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

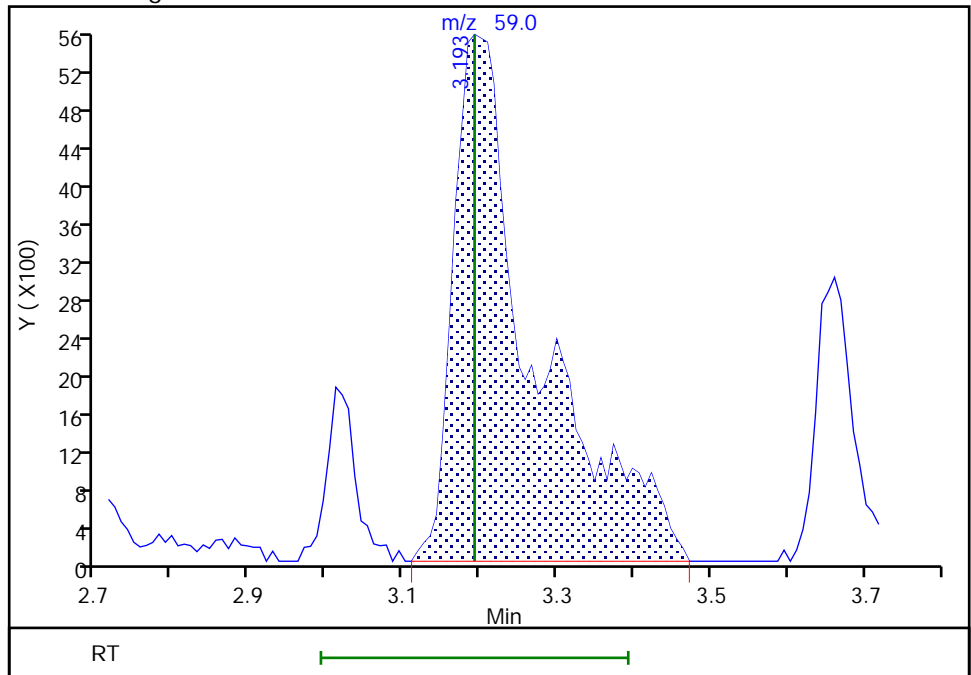
RT: 3.01
Area: 4837
Amount: 24.005611
Amount Units: ug/l

Processing Integration Results



RT: 3.19
Area: 41089
Amount: 203.9163
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

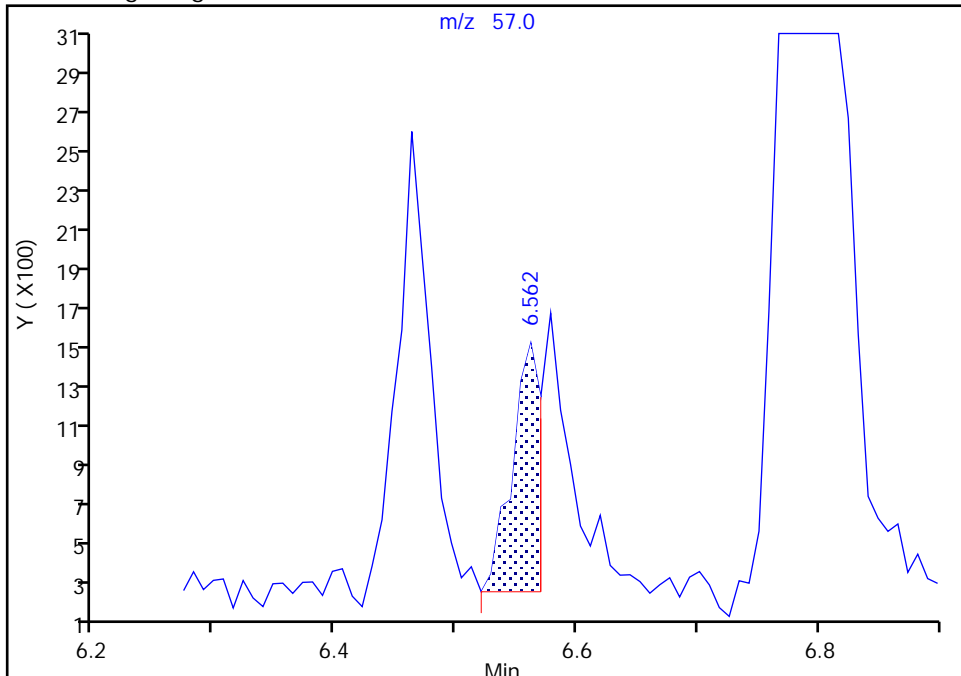
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Injection Date: 25-Aug-2020 02:22:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

75 Epichlorohydrin, CAS: 106-89-8

Signal: 1

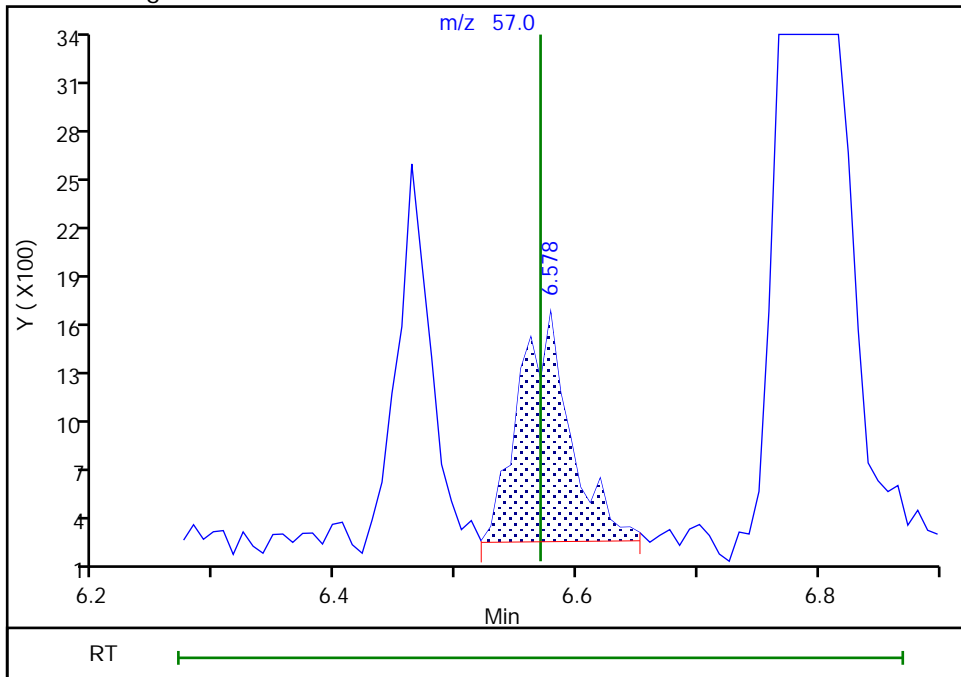
RT: 6.56
Area: 2093
Amount: 10.240542
Amount Units: ug/l

Processing Integration Results



RT: 6.58
Area: 4203
Amount: 20.564261
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 26-Aug-2020 17:25:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

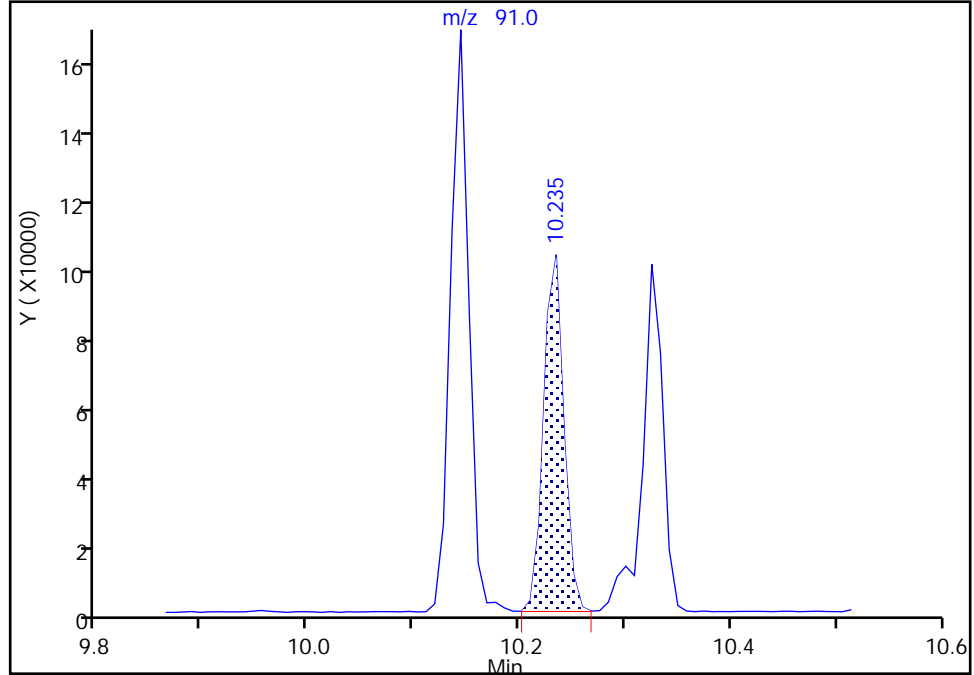
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Injection Date: 25-Aug-2020 02:22:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

103 N-Propylbenzene, CAS: 103-65-1

Signal: 1

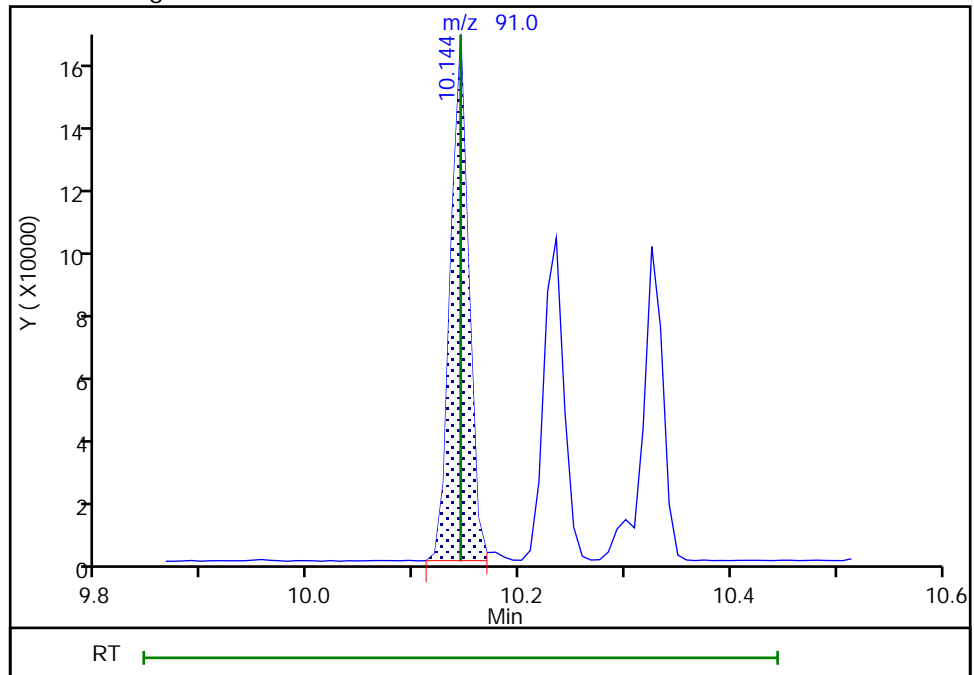
RT: 10.23
Area: 129791
Amount: 12.280498
Amount Units: ug/l

Processing Integration Results



RT: 10.14
Area: 191140
Amount: 18.085187
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 25-Aug-2020 14:01:14
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

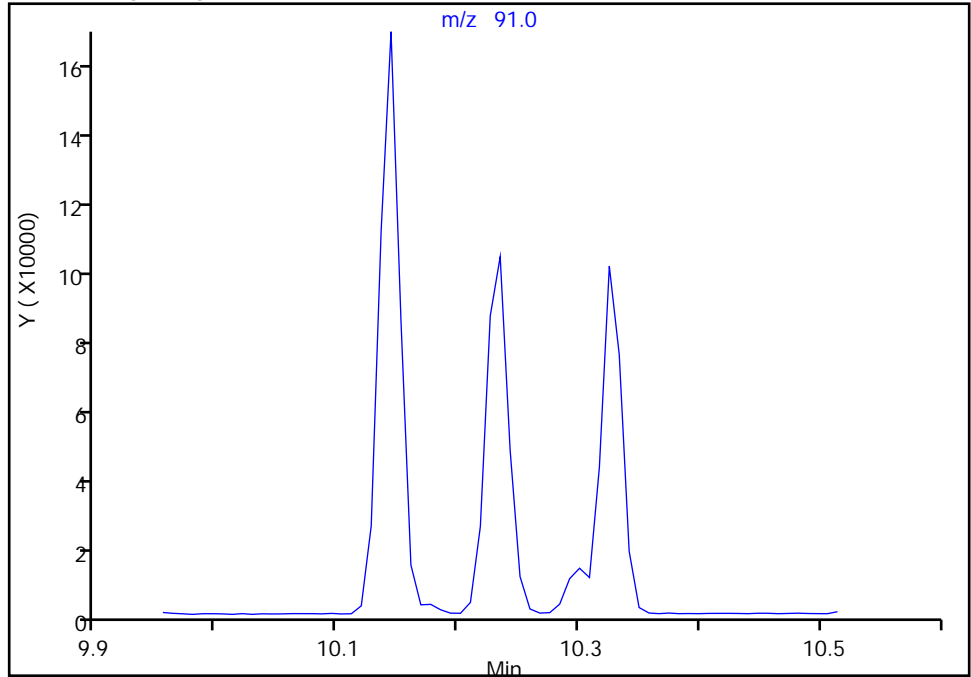
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Injection Date: 25-Aug-2020 02:22:30 Instrument ID: CVOAMS6
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 2-Chlorotoluene, CAS: 95-49-8

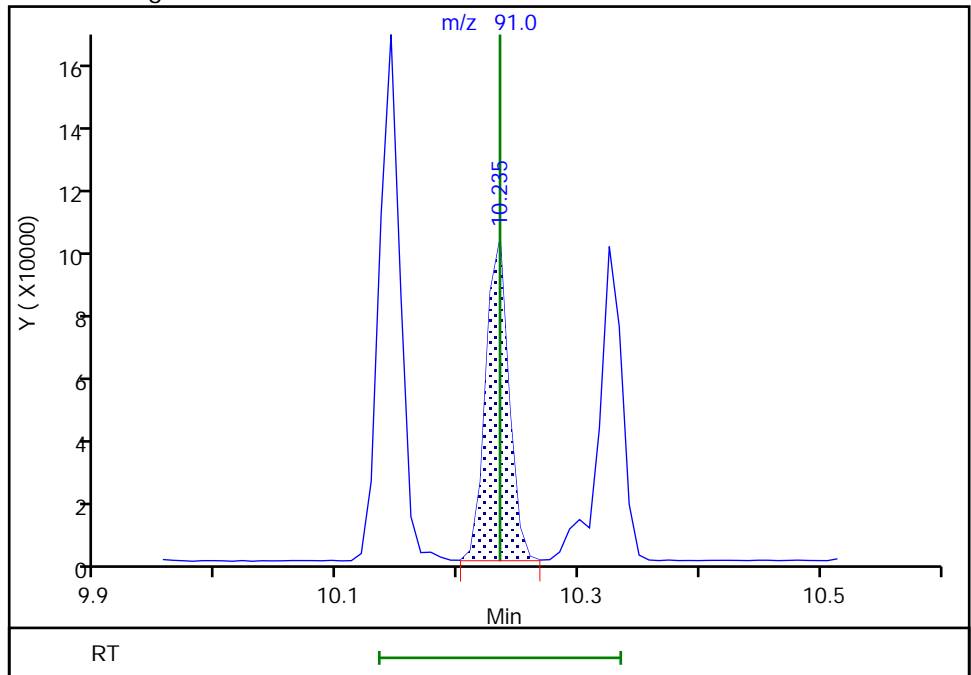
Signal: 1

Not Detected
Expected RT: 10.23

Processing Integration Results



Manual Integration Results



RT: 10.23
Area: 130162
Amount: 18.286913
Amount Units: ug/l

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719629/4 Calibration Date: 08/26/2020 07:14
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003744.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	0.3570	0.3319	0.1000	18.6	20.0	-7.0	20.0
Chloromethane	Ave	0.5113	0.5543	0.1000	21.7	20.0	8.4	20.0
Butadiene	Ave	0.4588	0.5273		23.0	20.0	14.9	20.0
Vinyl chloride	Ave	0.5097	0.5575	0.1000	21.9	20.0	9.4	20.0
Bromomethane	Ave	0.3239	0.4158	0.1000	25.7	20.0	28.4	50.0
Chloroethane	Ave	0.3224	0.3575	0.1000	22.2	20.0	10.9	50.0
Dichlorofluoromethane	Ave	0.7557	0.8523		22.6	20.0	12.8	20.0
Trichlorofluoromethane	Ave	0.5851	0.7285	0.1000	24.9	20.0	24.5*	20.0
Pentane	Ave	2.239	3.592		64.2	40.0	60.4*	20.0
Ethanol	QuaF		0.0529		1220	800	53.1*	50.0
Ethyl ether	Ave	0.2585	0.2774		21.5	20.0	7.3	20.0
2-Methyl-1,3-butadiene	Ave	0.3037	0.2655		17.5	20.0	-12.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2369	0.1903		16.1	20.0	-19.7	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin2		0.3256		18.0	20.0	-9.8	20.0
Acrolein	Ave	0.6127	0.5603		36.6	40.0	-8.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2490	0.2204	0.1000	17.7	20.0	-11.5	20.0
1,1-Dichloroethene	Ave	0.2482	0.2070	0.1000	16.7	20.0	-16.6	20.0
Acetone	Ave	0.6380	0.5613	0.0500	88.0	100	-12.0	50.0
Iodomethane	Ave	0.4384	0.3548		16.2	20.0	-19.1	20.0
Isopropyl alcohol	Ave	0.4804	0.3741		156	200	-22.1	50.0
Carbon disulfide	Ave	0.9632	0.8665	0.1000	18.0	20.0	-10.0	50.0
Allyl chloride	Ave	0.5050	0.3961		15.7	20.0	-21.6*	20.0
Methyl acetate	Ave	0.2484	0.1917	0.1000	30.9	40.0	-22.8*	20.0
Cyclopentene	Ave	0.6446	0.5938		18.4	20.0	-7.9	20.0
Acetonitrile	Ave	1.008	1.381		274	200	36.9*	20.0
Methylene Chloride	Ave	0.3091	0.2620	0.1000	17.0	20.0	-15.2	20.0
2-Methyl-2-propanol	Ave	1.116	1.160		208	200	3.9	50.0
Methyl tert-butyl ether	Ave	0.7116	0.6688	0.1000	18.8	20.0	-6.0	20.0
trans-1,2-Dichloroethene	Ave	0.2662	0.2321	0.1000	17.4	20.0	-12.8	20.0
Acrylonitrile	Ave	0.1254	0.1098		175	200	-12.5	20.0
Hexane	Ave	0.1996	0.2404		24.1	20.0	20.4*	20.0
Isopropyl ether	Ave	0.7625	0.7981		20.9	20.0	4.7	20.0
1,1-Dichloroethane	Ave	0.4624	0.4775	0.2000	20.7	20.0	3.3	20.0
Vinyl acetate	Ave	0.0588	0.0664		45.2	40.0	13.0	20.0
2-Chloro-1,3-butadiene	Ave	0.2331	0.2341		20.1	20.0	0.5	20.0
Tert-butyl ethyl ether	Ave	0.7329	0.7874		21.5	20.0	7.4	20.0
2,2-Dichloropropane	Ave	0.0841	0.0940		22.4	20.0	11.8	20.0
cis-1,2-Dichloroethene	Ave	0.2987	0.2755	0.1000	18.4	20.0	-7.8	20.0
2-Butanone (MEK)	Ave	0.2933	0.2613	0.0500	89.1	100	-10.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719629/4 Calibration Date: 08/26/2020 07:14
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003744.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.2399	0.2388		39.8	40.0	-0.5	20.0
Methyl acrylate	Ave	0.3870	0.3383		17.5	20.0	-12.6	20.0
Propionitrile	Ave	1.525	1.507		198	200	-1.2	20.0
Chlorobromomethane	Ave	0.1379	0.1346		19.5	20.0	-2.4	20.0
Tetrahydrofuran	Ave	0.3567	0.3277		36.7	40.0	-8.1	20.0
Methacrylonitrile	Ave	0.1371	0.1285		187	200	-6.3	20.0
Chloroform	Ave	0.4498	0.4577	0.2000	20.3	20.0	1.7	20.0
Cyclohexane	Ave	0.4309	0.4579	0.1000	21.3	20.0	6.3	50.0
1,1,1-Trichloroethane	Ave	0.4032	0.3918	0.1000	19.4	20.0	-2.8	20.0
Carbon tetrachloride	Ave	0.3317	0.3068	0.1000	18.5	20.0	-7.5	20.0
1,1-Dichloropropene	Ave	0.3526	0.3387		19.2	20.0	-4.0	20.0
Isobutyl alcohol	Ave	0.3147	0.3260		518	500	3.6	50.0
Benzene	Ave	1.431	1.325	0.5000	18.5	20.0	-7.4	20.0
Isopropyl acetate	Ave	0.8645	0.8239		19.1	20.0	-4.7	20.0
Tert-amyl methyl ether	Ave	0.8003	0.7822		19.5	20.0	-2.3	20.0
1,2-Dichloroethane	Ave	0.3678	0.3707	0.1000	20.2	20.0	0.8	20.0
n-Heptane	Ave	0.1694	0.1931		22.8	20.0	14.0	20.0
n-Butanol	Ave	0.3023	0.2898		479	500	-4.2	50.0
Trichloroethene	Ave	0.2658	0.2372	0.2000	17.8	20.0	-10.8	20.0
Ethyl acrylate	Ave	0.7370	0.6999		19.0	20.0	-5.0	20.0
Methylcyclohexane	Ave	0.4685	0.4880	0.1000	20.8	20.0	4.2	50.0
1,2-Dichloropropane	Ave	0.2744	0.2759	0.1000	20.1	20.0	0.5	20.0
Methyl methacrylate	Ave	0.0834	0.0768		36.9	40.0	-7.9	20.0
1,4-Dioxane	Ave	0.8559	1.235		577	400	44.4	50.0
Dibromomethane	Ave	0.1888	0.1773		18.8	20.0	-6.1	20.0
n-Propyl acetate	Ave	0.4244	0.3811		18.0	20.0	-10.2	20.0
Dichlorobromomethane	Ave	0.3454	0.3547	0.2000	20.5	20.0	2.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1813	0.1613		17.8	20.0	-11.0	20.0
2-Nitropropane	Ave	0.1037	0.1043		40.2	40.0	0.6	20.0
Epichlorohydrin	Ave	0.2335	0.2253		386	400	-3.5	20.0
cis-1,3-Dichloropropene	Ave	0.6071	0.5584	0.2000	18.4	20.0	-8.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.346	0.0500	103	100	3.2	50.0
Toluene	Ave	1.540	1.576	0.4000	20.5	20.0	2.4	20.0
trans-1,3-Dichloropropene	Ave	0.5540	0.5139	0.1000	18.5	20.0	-7.3	50.0
Ethyl methacrylate	Ave	0.5598	0.5264		18.8	20.0	-6.0	20.0
1,1,2-Trichloroethane	Ave	0.2677	0.2716	0.1000	20.3	20.0	1.4	20.0
Tetrachloroethene	Ave	0.3204	0.3144	0.2000	19.6	20.0	-1.9	20.0
1,3-Dichloropropane	Ave	0.5530	0.5254		19.0	20.0	-5.0	20.0
2-Hexanone	Ave	1.512	1.490	0.0500	98.6	100	-1.4	50.0
n-Butyl acetate	Ave	0.6399	0.6244		19.5	20.0	-2.4	20.0
Chlorodibromomethane	Ave	0.3446	0.3010	0.1000	17.5	20.0	-12.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719629/4 Calibration Date: 08/26/2020 07:14
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003744.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
Ethylene Dibromide	Ave	0.3375	0.3048	0.1000	18.1	20.0	-9.7	20.0
Chlorobenzene	Ave	0.9582	0.9080	0.5000	19.0	20.0	-5.2	20.0
Ethylbenzene	Ave	0.5398	0.5280	0.1000	19.6	20.0	-2.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3527	0.3379		19.2	20.0	-4.2	20.0
m-Xylene & p-Xylene	Ave	0.6617	0.6496	0.1000	19.6	20.0	-1.8	20.0
n-Butyl acrylate	Ave	0.3536	0.3403		19.3	20.0	-3.7	20.0
o-Xylene	Ave	0.6913	0.6669	0.3000	19.3	20.0	-3.5	20.0
Styrene	Ave	1.110	1.073	0.3000	19.3	20.0	-3.3	20.0
Amyl acetate (mixed isomers)	Ave	1.539	1.408		18.3	20.0	-8.6	20.0
Bromoform	Ave	0.2510	0.2139	0.1000	17.0	20.0	-14.8	20.0
Isopropylbenzene	Ave	1.693	1.664	0.1000	19.7	20.0	-1.7	20.0
Bromobenzene	Ave	0.7570	0.6342		16.8	20.0	-16.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8861	0.7855	0.3000	17.7	20.0	-11.4	20.0
N-Propylbenzene	Ave	3.933	3.610		18.4	20.0	-8.2	20.0
1,2,3-Trichloropropane	Ave	0.2967	0.2297		15.5	20.0	-22.6*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2645	0.2305		17.4	20.0	-12.9	20.0
2-Chlorotoluene	Ave	2.649	2.468		18.6	20.0	-6.8	20.0
4-Ethyltoluene	Ave	3.206	2.961		18.5	20.0	-7.6	20.0
1,3,5-Trimethylbenzene	Ave	2.652	2.484		18.7	20.0	-6.4	20.0
4-Chlorotoluene	Ave	2.371	2.313		19.5	20.0	-2.5	20.0
Butyl Methacrylate	Ave	1.129	1.056		18.7	20.0	-6.4	20.0
tert-Butylbenzene	Ave	2.131	1.974		18.5	20.0	-7.4	20.0
1,2,4-Trimethylbenzene	Ave	2.832	2.690		19.0	20.0	-5.0	20.0
sec-Butylbenzene	Ave	3.410	3.272		19.2	20.0	-4.1	20.0
1,3-Dichlorobenzene	Ave	1.499	1.381	0.6000	18.4	20.0	-7.9	20.0
4-Isopropyltoluene	Ave	2.961	2.789		18.8	20.0	-5.8	20.0
1,4-Dichlorobenzene	Ave	1.478	1.424	0.5000	19.3	20.0	-3.6	20.0
1,2,3-Trimethylbenzene	Ave	2.948	2.814		19.1	20.0	-4.6	20.0
Benzyl chloride	Ave	1.731	1.924		22.2	20.0	11.2	50.0
Indan	Ave	2.911	2.821		19.4	20.0	-3.1	20.0
p-Diethylbenzene	Ave	1.555	1.576		20.3	20.0	1.3	20.0
n-Butylbenzene	Ave	1.591	1.644		20.7	20.0	3.3	20.0
1,2-Dichlorobenzene	Ave	1.504	1.507	0.4000	20.0	20.0	0.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.018	2.786		18.5	20.0	-7.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2191	0.1855	0.0500	16.9	20.0	-15.4	50.0
1,3,5-Trichlorobenzene	Ave	1.176	1.090		18.5	20.0	-7.3	20.0
1,2,4-Trichlorobenzene	Ave	1.173	1.031	0.2000	17.6	20.0	-12.1	20.0
Hexachlorobutadiene	Ave	0.4459	0.3673		16.5	20.0	-17.6	20.0
Naphthalene	Ave	3.264	2.917		17.9	20.0	-10.6	50.0
1,2,3-Trichlorobenzene	Ave	1.092	0.9501		17.4	20.0	-13.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2532	0.2555		50.5	50.0	0.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719629/4 Calibration Date: 08/26/2020 07:14
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003744.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3323	0.3383		50.9	50.0	1.8	20.0
Toluene-d8 (Surr)	Ave	1.430	1.526		53.4	50.0	6.7	20.0
4-Bromofluorobenzene	Ave	0.4195	0.4176		49.8	50.0	-0.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003744.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Aug-2020 07:14:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0115773-004
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 18:39:51 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc

Date: 26-Aug-2020 07:35:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	85	53080	20.0	18.6	
2 Chloromethane	50	1.738	1.738	0.000	99	88660	20.0	21.7	
3 Butadiene	54	1.812	1.812	0.000	98	84347	20.0	23.0	
4 Vinyl chloride	62	1.821	1.821	0.000	98	89180	20.0	21.9	
5 Bromomethane	94	2.083	2.083	0.000	98	66507	20.0	25.7	
6 Chloroethane	64	2.141	2.141	0.000	100	57179	20.0	22.2	
7 Dichlorofluoromethane	67	2.314	2.314	0.000	98	136325	20.0	22.6	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	60	116517	20.0	24.9	
9 Pentane	72	2.338	2.338	0.000	96	28777	40.0	64.2	
11 Ethanol	46	2.478	2.478	0.000	76	8477	800.0	1225.0	
10 Ethyl ether	59	2.503	2.503	0.000	91	44373	20.0	21.5	
12 2-Methyl-1,3-butadiene	53	2.519	2.519	0.000	97	42473	20.0	17.5	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	87	30437	20.0	16.1	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.609	2.609	0.000	89	52085	20.0	18.0	a
15 Acrolein	56	2.667	2.667	0.000	32	4488	40.0	36.6	
16 112TCTFE	101	2.683	2.683	0.000	94	35251	20.0	17.7	
17 1,1-Dichloroethene	96	2.716	2.716	0.000	96	33116	20.0	16.7	
18 Acetone	43	2.790	2.790	0.000	86	59224	100.0	88.0	
19 Iodomethane	142	2.864	2.864	0.000	97	56749	20.0	16.2	
20 Isopropyl alcohol	45	2.872	2.872	0.000	49	14982	200.0	155.7	
21 Carbon disulfide	76	2.913	2.913	0.000	100	138604	20.0	18.0	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	88	63351	20.0	15.7	
23 Methyl acetate	43	3.012	3.012	0.000	99	61317	40.0	30.9	
24 Cyclopentene	67	3.020	3.020	0.000	93	94976	20.0	18.4	
25 Acetonitrile	41	3.070	3.070	0.000	95	55307	200.0	273.9	a
* 27 TBA-d9 (IS)	65	3.119	3.119	0.000	0	200260	1000.0	1000.0	
26 Methylene Chloride	84	3.135	3.135	0.000	95	41902	20.0	17.0	
28 2-Methyl-2-propanol	59	3.185	3.185	0.000	91	46471	200.0	207.8	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	106974	20.0	18.8	
30 trans-1,2-Dichloroethene	96	3.300	3.300	0.000	97	37120	20.0	17.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Acrylonitrile	53	3.374	3.374	0.000	93	175601	200.0	175.0	
32 Hexane	43	3.447	3.447	0.000	91	38448	20.0	24.1	
33 Isopropyl ether	45	3.653	3.653	0.000	93	127664	20.0	20.9	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	76380	20.0	20.7	
35 Vinyl acetate	86	3.702	3.702	0.000	99	21241	40.0	45.2	
36 2-Chloro-1,3-butadiene	88	3.727	3.727	0.000	94	37452	20.0	20.1	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	88	125943	20.0	21.5	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	263762	250.0	250.0	
39 2,2-Dichloropropane	97	4.171	4.171	0.000	70	15036	20.0	22.4	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	93	44060	20.0	18.4	
42 2-Butanone (MEK)	72	4.203	4.203	0.000	96	27571	100.0	89.1	
41 Ethyl acetate	70	4.212	4.212	0.000	94	10076	40.0	39.8	
43 Methyl acrylate	55	4.261	4.261	0.000	99	41448	20.0	17.5	
44 Propionitrile	54	4.335	4.335	0.000	96	60373	200.0	197.7	
45 Chlorobromomethane	128	4.409	4.409	0.000	91	21531	20.0	19.5	
46 Tetrahydrofuran	72	4.409	4.409	0.000	68	13829	40.0	36.7	
47 Methacrylonitrile	67	4.434	4.434	0.000	91	205488	200.0	187.5	
48 Chloroform	83	4.458	4.458	0.000	97	73204	20.0	20.3	
49 Cyclohexane	84	4.590	4.590	0.000	91	73248	20.0	21.3	
50 1,1,1-Trichloroethane	97	4.598	4.598	0.000	93	62662	20.0	19.4	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	102159	50.0	50.5	
52 Carbon tetrachloride	117	4.721	4.721	0.000	94	49071	20.0	18.5	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	94	54173	20.0	19.2	
54 Isobutyl alcohol	43	4.869	4.869	0.000	92	32640	500.0	517.9	
55 Benzene	78	4.935	4.935	0.000	98	162311	20.0	18.5	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	135282	50.0	50.9	
57 Isopropyl acetate	43	4.992	4.992	0.000	95	131781	20.0	19.1	
58 Tert-amyl methyl ether	73	5.000	5.000	0.000	90	125111	20.0	19.5	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	97	59301	20.0	20.2	
60 n-Heptane	57	5.091	5.091	0.000	88	30886	20.0	22.8	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	399878	50.0	50.0	
62 n-Butanol	56	5.510	5.510	0.000	87	29016	500.0	479.2	
63 Trichloroethene	95	5.567	5.567	0.000	96	37942	20.0	17.8	
64 Ethyl acrylate	55	5.691	5.691	0.000	96	111943	20.0	19.0	
65 Methylcyclohexane	83	5.691	5.691	0.000	82	78056	20.0	20.8	
66 1,2-Dichloropropane	63	5.847	5.847	0.000	88	44130	20.0	20.1	
* 67 1,4-Dioxane-d8	96	5.904	5.904	0.000	0	17465	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	87	24579	40.0	36.9	
71 1,4-Dioxane	88	5.962	5.962	0.000	35	8631	400.0	577.4	
69 Dibromomethane	93	5.978	5.978	0.000	92	28365	20.0	18.8	
70 n-Propyl acetate	43	5.978	5.978	0.000	98	60957	20.0	18.0	
72 Dichlorobromomethane	83	6.126	6.126	0.000	97	56737	20.0	20.5	
73 2-Chloroethyl vinyl ether	63	6.455	6.455	0.000	66	25869	20.0	17.8	
74 2-Nitropropane	41	6.455	6.455	0.000	88	33372	40.0	40.2	
75 Epichlorohydrin	57	6.562	6.562	0.000	100	95080	400.0	385.9	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	97	68405	20.0	18.4	
77 4-Methyl-2-pentanone (MIBK)	43	6.784	6.784	0.000	97	247548	100.0	103.2	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	467221	50.0	53.4	
79 Toluene	91	6.940	6.940	0.000	93	193041	20.0	20.5	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	98	62950	20.0	18.5	
81 Ethyl methacrylate	69	7.318	7.318	0.000	89	64480	20.0	18.8	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	94	33266	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
83 Tetrachloroethene	166	7.540	7.540	0.000	93	38512	20.0	19.6	
84 1,3-Dichloropropane	76	7.704	7.704	0.000	93	64368	20.0	19.0	
85 2-Hexanone	43	7.778	7.778	0.000	95	157209	100.0	98.6	
86 n-Butyl acetate	43	7.893	7.893	0.000	99	76489	20.0	19.5	
87 Chlorodibromomethane	129	7.934	7.934	0.000	96	36872	20.0	17.5	
88 Ethylene Dibromide	107	8.090	8.090	0.000	97	37337	20.0	18.1	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	88	306260	50.0	50.0	
90 Chlorobenzene	112	8.673	8.673	0.000	92	111238	20.0	19.0	
91 Ethylbenzene	106	8.780	8.780	0.000	99	64683	20.0	19.6	
92 1,1,1,2-Tetrachloroethane	131	8.788	8.788	0.000	92	41392	20.0	19.2	
93 m-Xylene & p-Xylene	106	8.936	8.936	0.000	0	79577	20.0	19.6	
94 n-Butyl acrylate	73	9.405	9.405	0.000	98	41691	20.0	19.3	
95 o-Xylene	106	9.413	9.413	0.000	93	81698	20.0	19.3	
96 Styrene	104	9.438	9.438	0.000	94	131425	20.0	19.3	
97 Amyl acetate (mixed isomers)	43	9.635	9.635	0.000	91	102796	20.0	18.3	
98 Bromoform	173	9.643	9.643	0.000	94	26201	20.0	17.0	
99 Isopropylbenzene	105	9.775	9.775	0.000	97	203821	20.0	19.7	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	127894	50.0	49.8	
101 Bromobenzene	156	10.070	10.070	0.000	94	46315	20.0	16.8	
102 1,1,2,2-Tetrachloroethane	83	10.111	10.111	0.000	98	57367	20.0	17.7	
103 N-Propylbenzene	91	10.136	10.136	0.000	99	263652	20.0	18.4	
104 1,2,3-Trichloropropane	110	10.152	10.152	0.000	97	16772	20.0	15.5	
105 trans-1,4-Dichloro-2-butene	53	10.169	10.169	0.000	77	16832	20.0	17.4	
106 2-Chlorotoluene	91	10.226	10.226	0.000	97	180268	20.0	18.6	
107 4-Ethyltoluene	105	10.235	10.235	0.000	97	216242	20.0	18.5	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	92	181389	20.0	18.7	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	168935	20.0	19.5	
110 Butyl Methacrylate	87	10.383	10.383	0.000	91	77148	20.0	18.7	
111 tert-Butylbenzene	119	10.530	10.530	0.000	93	144161	20.0	18.5	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	98	196452	20.0	19.0	
113 sec-Butylbenzene	105	10.695	10.695	0.000	99	238928	20.0	19.2	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	91	100834	20.0	18.4	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	97	203689	20.0	18.8	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	182582	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	94	104030	20.0	19.3	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	99	205501	20.0	19.1	
119 Benzyl chloride	91	10.966	10.966	0.000	98	140508	20.0	22.2	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	206017	20.0	19.4	
121 p-Diethylbenzene	119	11.056	11.056	0.000	92	115072	20.0	20.3	
122 n-Butylbenzene	92	11.073	11.073	0.000	98	120043	20.0	20.7	
123 1,2-Dichlorobenzene	146	11.114	11.114	0.000	94	110028	20.0	20.0	
124 1,2,4,5-Tetramethylbenzene	119	11.533	11.533	0.000	97	203471	20.0	18.5	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.607	0.000	94	13544	20.0	16.9	
126 1,3,5-Trichlorobenzene	180	11.689	11.689	0.000	96	79589	20.0	18.5	
127 1,2,4-Trichlorobenzene	180	12.075	12.075	0.000	94	75321	20.0	17.6	
128 Hexachlorobutadiene	225	12.141	12.141	0.000	91	26826	20.0	16.5	
129 Naphthalene	128	12.248	12.248	0.000	99	213073	20.0	17.9	
130 1,2,3-Trichlorobenzene	180	12.404	12.404	0.000	95	69385	20.0	17.4	
S 131 1,2-Dichloroethene, Total	100				0		40.0	35.9	
S 132 Xylenes, Total	100				0		40.0	38.9	

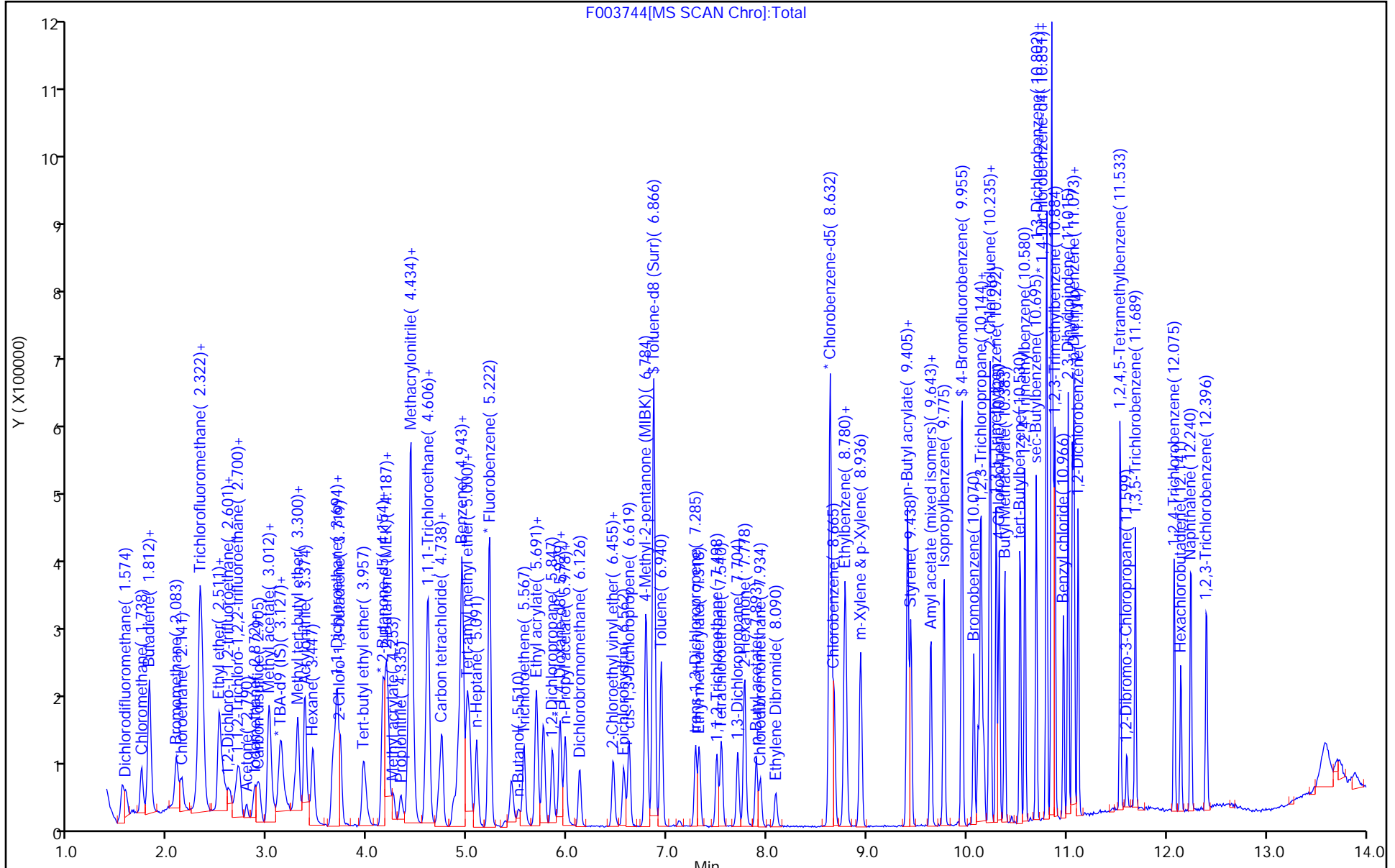
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



F003744[MS SCAN Chrom]:Total

Eurofins TestAmerica, Edison

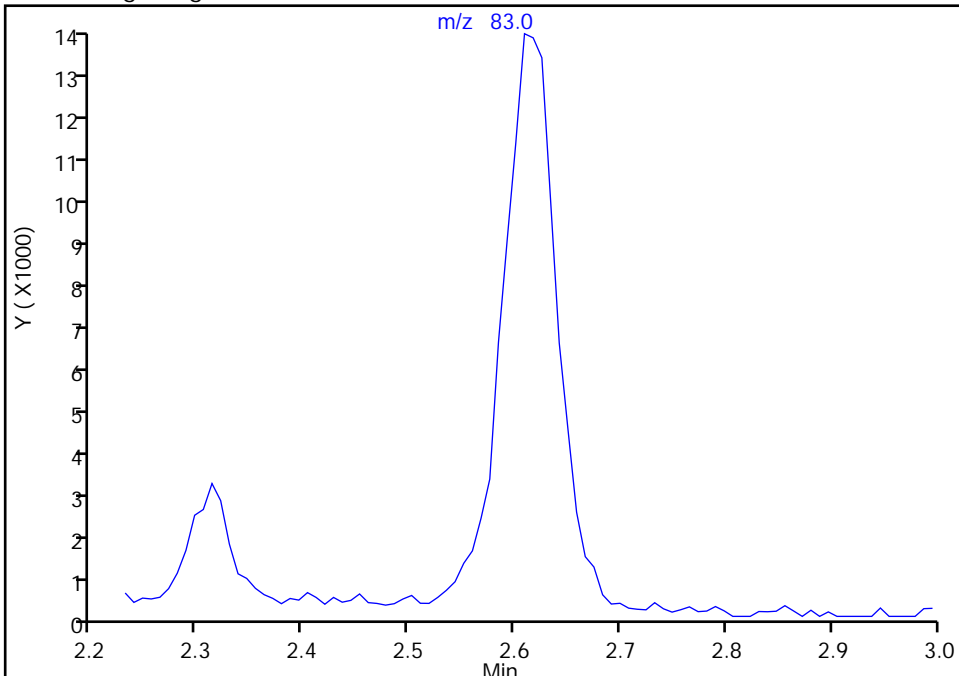
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Injection Date: 26-Aug-2020 07:14:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

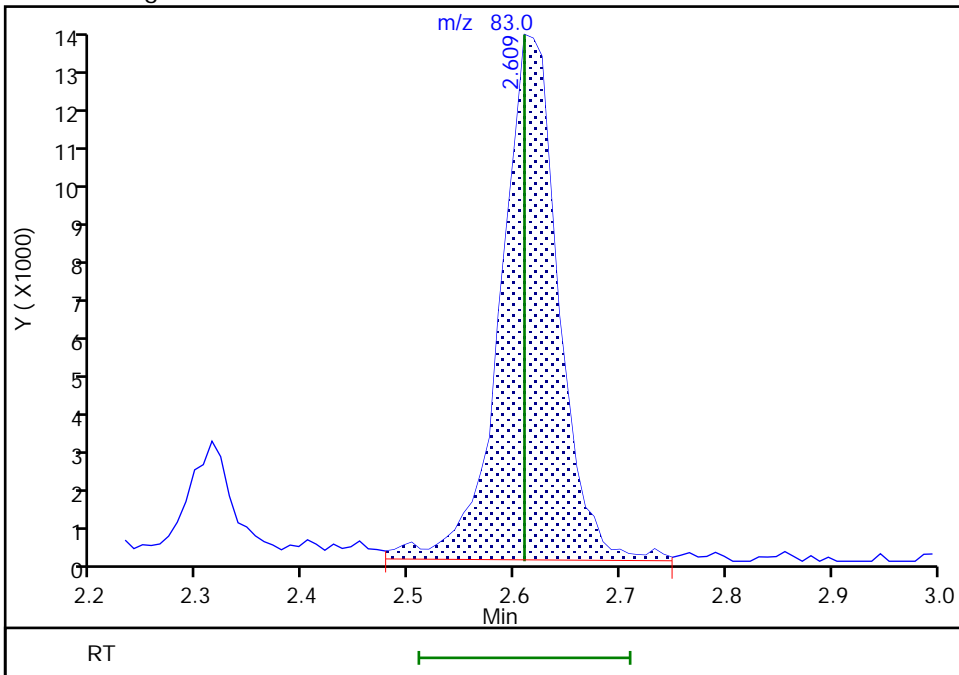
Processing Integration Results

Not Detected
Expected RT: 2.61



Manual Integration Results

RT: 2.61
Area: 52085
Amount: 18.032811
Amount Units: ug/l



Reviewer: moroneyc, 26-Aug-2020 07:34:34
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

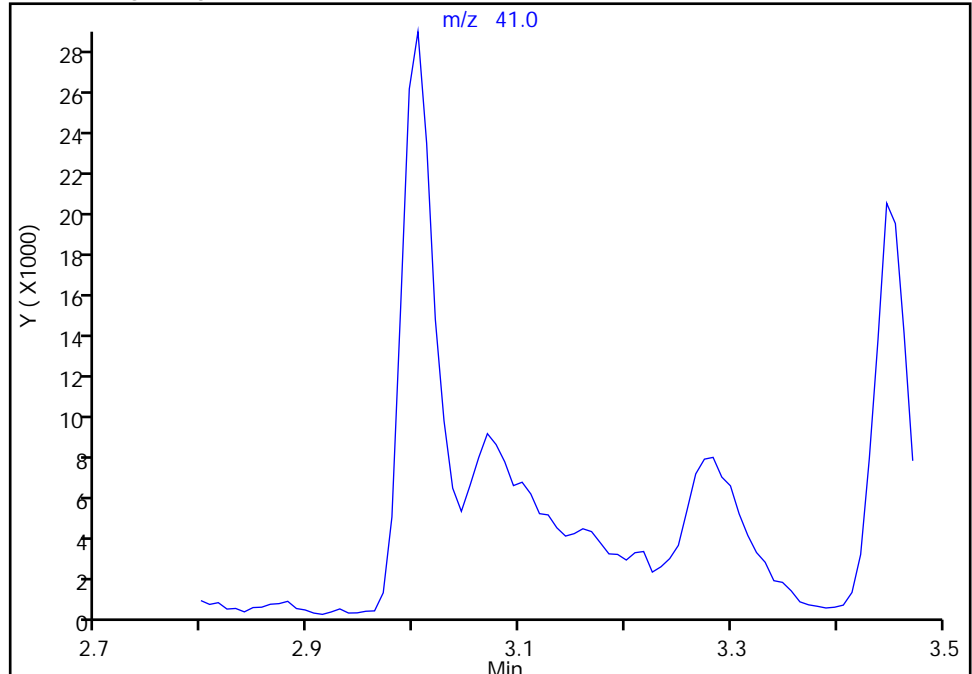
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003744.D
Injection Date: 26-Aug-2020 07:14:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

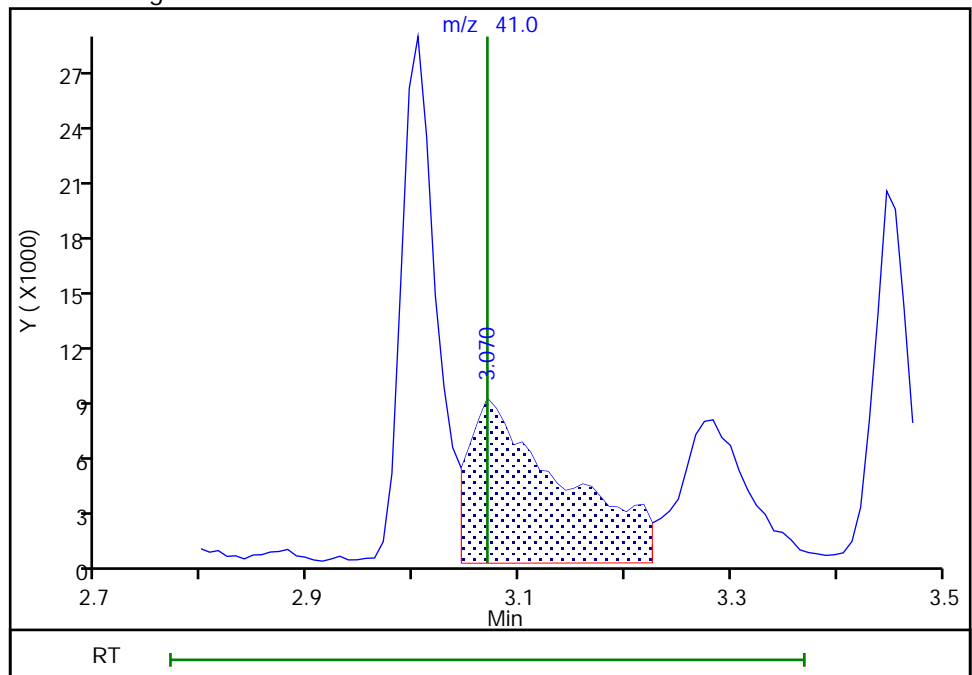
Not Detected
Expected RT: 3.07

Processing Integration Results



Manual Integration Results

RT: 3.07
Area: 55307
Amount: 273.8916
Amount Units: ug/l



Reviewer: moroneyc, 26-Aug-2020 07:34:49
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

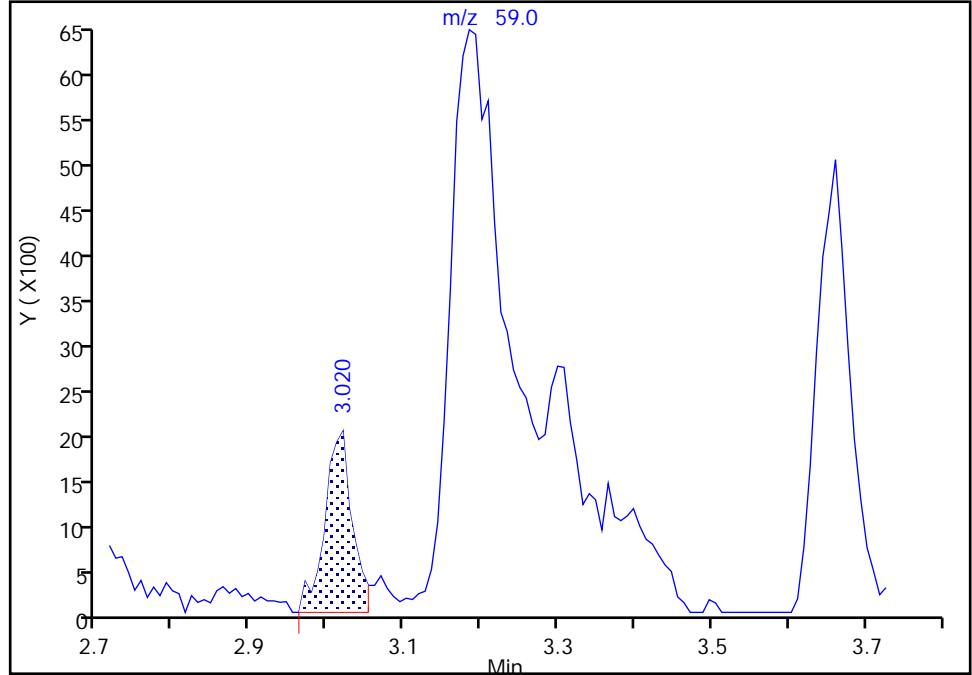
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003744.D
Injection Date: 26-Aug-2020 07:14:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

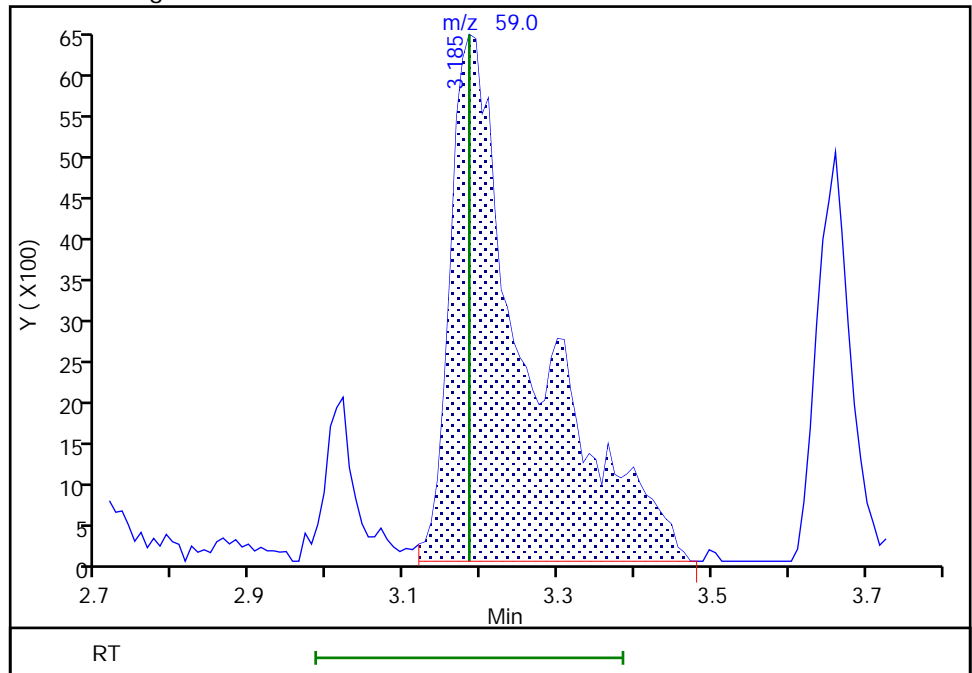
RT: 3.02
Area: 4973
Amount: 21.899280
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 46471
Amount: 207.8468
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 26-Aug-2020 07:34:43
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.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719790/3 Calibration Date: 08/26/2020 19:06
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003773.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	0.3570	0.3807	0.1000	21.3	20.0	6.6	20.0
Chloromethane	Ave	0.5113	0.8674	0.1000	33.9	20.0	69.6*	20.0
Butadiene	Ave	0.4588	0.8062		35.1	20.0	75.7*	20.0
Vinyl chloride	Ave	0.5097	0.8903	0.1000	34.9	20.0	74.7*	20.0
Bromomethane	Ave	0.3239	0.6569	0.1000	40.6	20.0	102.8*	50.0
Chloroethane	Ave	0.3224	0.5415	0.1000	33.6	20.0	68.0*	50.0
Dichlorofluoromethane	Ave	0.7557	0.5952		15.8	20.0	-21.2*	20.0
Pentane	Ave	2.239	2.663		47.6	40.0	18.9	20.0
Trichlorofluoromethane	Ave	0.5851	0.4695	0.1000	16.0	20.0	-19.8	20.0
Ethanol	QuaF		0.0166		388	800	-51.5*	50.0
Ethyl ether	Ave	0.2585	0.2060		15.9	20.0	-20.3*	20.0
2-Methyl-1,3-butadiene	Ave	0.3037	0.2406		15.8	20.0	-20.8*	20.0
Acrolein	Ave	0.6127	0.7266		47.4	40.0	18.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2490	0.2626	0.1000	21.1	20.0	5.5	20.0
1,1-Dichloroethene	Ave	0.2482	0.2386	0.1000	19.2	20.0	-3.9	20.0
Acetone	Ave	0.6380	0.6443	0.0500	101	100	1.0	50.0
Iodomethane	Ave	0.4384	0.4268		19.5	20.0	-2.6	20.0
Isopropyl alcohol	Ave	0.4804	0.3925		163	200	-18.3	50.0
Carbon disulfide	Ave	0.9632	0.9883	0.1000	20.5	20.0	2.6	50.0
Allyl chloride	Ave	0.5050	0.4256		16.9	20.0	-15.7	20.0
Methyl acetate	Ave	0.2484	0.2138	0.1000	34.4	40.0	-13.9	20.0
Cyclopentene	Ave	0.6446	0.6959		21.6	20.0	8.0	20.0
Acetonitrile	Ave	1.008	1.388		275	200	37.6*	20.0
Methylene Chloride	Ave	0.3091	0.3129	0.1000	20.2	20.0	1.2	20.0
2-Methyl-2-propanol	Ave	1.116	1.160		208	200	3.9	50.0
Methyl tert-butyl ether	Ave	0.7116	0.7734	0.1000	21.7	20.0	8.7	20.0
trans-1,2-Dichloroethene	Ave	0.2662	0.2749	0.1000	20.7	20.0	3.3	20.0
Acrylonitrile	Ave	0.1254	0.1124		179	200	-10.4	20.0
Hexane	Ave	0.1996	0.2466		24.7	20.0	23.5*	20.0
Isopropyl ether	Ave	0.7625	0.8035		21.1	20.0	5.4	20.0
1,1-Dichloroethane	Ave	0.4624	0.4960	0.2000	21.5	20.0	7.3	20.0
Vinyl acetate	Ave	0.0588	0.0678		46.2	40.0	15.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2331	0.2516		21.6	20.0	8.0	20.0
Tert-butyl ethyl ether	Ave	0.7329	0.8259		22.5	20.0	12.7	20.0
2,2-Dichloropropane	Ave	0.0841	0.1048		24.9	20.0	24.6*	20.0
cis-1,2-Dichloroethene	Ave	0.2987	0.3045	0.1000	20.4	20.0	2.0	20.0
2-Butanone (MEK)	Ave	0.2933	0.3105	0.0500	106	100	5.9	50.0
Ethyl acetate	Ave	0.2399	0.2542		42.4	40.0	6.0	20.0
Methyl acrylate	Ave	0.3870	0.3479		18.0	20.0	-10.1	20.0
Propionitrile	Ave	1.525	1.638		215	200	7.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719790/3 Calibration Date: 08/26/2020 19:06
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003773.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
Chlorobromomethane	Ave	0.1379	0.1462		21.2	20.0	6.0	20.0
Tetrahydrofuran	Ave	0.3567	0.3633		40.7	40.0	1.8	20.0
Methacrylonitrile	Ave	0.1371	0.1311		191	200	-4.3	20.0
Chloroform	Ave	0.4498	0.4796	0.2000	21.3	20.0	6.6	20.0
Cyclohexane	Ave	0.4309	0.4969	0.1000	23.1	20.0	15.3	50.0
1,1,1-Trichloroethane	Ave	0.4032	0.4174	0.1000	20.7	20.0	3.5	20.0
Carbon tetrachloride	Ave	0.3317	0.3276	0.1000	19.8	20.0	-1.2	20.0
1,1-Dichloropropene	Ave	0.3526	0.3655		20.7	20.0	3.6	20.0
Isobutyl alcohol	Ave	0.3147	0.2599		413	500	-17.4	50.0
Benzene	Ave	1.431	1.506	0.5000	21.1	20.0	5.3	20.0
Isopropyl acetate	Ave	0.8645	0.8506		19.7	20.0	-1.6	20.0
Tert-amyl methyl ether	Ave	0.8003	0.8547		21.4	20.0	6.8	20.0
1,2-Dichloroethane	Ave	0.3678	0.3866	0.1000	21.0	20.0	5.1	20.0
n-Heptane	Ave	0.1694	0.2136		25.2	20.0	26.1*	20.0
n-Butanol	Ave	0.3023	0.2337		386	500	-22.7	50.0
Trichloroethene	Ave	0.2658	0.2710	0.2000	20.4	20.0	1.9	20.0
Ethyl acrylate	Ave	0.7370	0.7076		19.2	20.0	-4.0	20.0
Methylcyclohexane	Ave	0.4685	0.5178	0.1000	22.1	20.0	10.5	50.0
1,2-Dichloropropane	Ave	0.2744	0.2931	0.1000	21.4	20.0	6.8	20.0
Methyl methacrylate	Ave	0.0834	0.0805		38.6	40.0	-3.4	20.0
1,4-Dioxane	Ave	0.8559	1.088		509	400	27.1	50.0
Dibromomethane	Ave	0.1888	0.1905		20.2	20.0	0.9	20.0
n-Propyl acetate	Ave	0.4244	0.4072		19.2	20.0	-4.0	20.0
Dichlorobromomethane	Ave	0.3454	0.3527	0.2000	20.4	20.0	2.1	20.0
2-Nitropropane	Ave	0.1037	0.1064		41.1	40.0	2.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1813	0.1653		18.3	20.0	-8.8	20.0
Epichlorohydrin	Ave	0.2335	0.2405		412	400	3.0	20.0
cis-1,3-Dichloropropene	Ave	0.6071	0.6331	0.2000	20.9	20.0	4.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.273	2.589	0.0500	114	100	13.9	50.0
Toluene	Ave	1.540	1.668	0.4000	21.7	20.0	8.3	20.0
trans-1,3-Dichloropropene	Ave	0.5540	0.5600	0.1000	20.2	20.0	1.1	50.0
Ethyl methacrylate	Ave	0.5598	0.5591		20.0	20.0	-0.1	20.0
1,1,2-Trichloroethane	Ave	0.2677	0.2956	0.1000	22.1	20.0	10.4	20.0
Tetrachloroethene	Ave	0.3204	0.3277	0.2000	20.5	20.0	2.3	20.0
1,3-Dichloropropane	Ave	0.5530	0.5911		21.4	20.0	6.9	20.0
2-Hexanone	Ave	1.512	1.589	0.0500	105	100	5.1	50.0
n-Butyl acetate	Ave	0.6399	0.6302		19.7	20.0	-1.5	20.0
Chlorodibromomethane	Ave	0.3446	0.3144	0.1000	18.2	20.0	-8.8	50.0
Ethylene Dibromide	Ave	0.3375	0.3210	0.1000	19.0	20.0	-4.9	20.0
Chlorobenzene	Ave	0.9582	0.995	0.5000	20.8	20.0	3.9	20.0
Ethylbenzene	Ave	0.5398	0.5837	0.1000	21.6	20.0	8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719790/3 Calibration Date: 08/26/2020 19:06
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003773.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	Ave	0.3527	0.3583		20.3	20.0	1.6	20.0
m-Xylene & p-Xylene	Ave	0.6617	0.7195	0.1000	21.7	20.0	8.7	20.0
n-Butyl acrylate	Ave	0.3536	0.3566		20.2	20.0	0.9	20.0
o-Xylene	Ave	0.6913	0.7351	0.3000	21.3	20.0	6.3	20.0
Styrene	Ave	1.110	1.169	0.3000	21.1	20.0	5.3	20.0
Amyl acetate (mixed isomers)	Ave	1.539	1.456		18.9	20.0	-5.4	20.0
Bromoform	Ave	0.2510	0.2116	0.1000	16.9	20.0	-15.7	20.0
Isopropylbenzene	Ave	1.693	1.848	0.1000	21.8	20.0	9.1	20.0
Bromobenzene	Ave	0.7570	0.7035		18.6	20.0	-7.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8861	0.8547	0.3000	19.3	20.0	-3.5	20.0
N-Propylbenzene	Ave	3.933	3.936		20.0	20.0	0.0	20.0
1,2,3-Trichloropropane	Ave	0.2967	0.2550		17.2	20.0	-14.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2645	0.2465		18.6	20.0	-6.8	20.0
2-Chlorotoluene	Ave	2.649	2.614		19.7	20.0	-1.3	20.0
4-Ethyltoluene	Ave	3.206	3.204		20.0	20.0	-0.0	20.0
1,3,5-Trimethylbenzene	Ave	2.652	2.664		20.1	20.0	0.4	20.0
4-Chlorotoluene	Ave	2.371	2.420		20.4	20.0	2.0	20.0
Butyl Methacrylate	Ave	1.129	1.121		19.9	20.0	-0.7	20.0
tert-Butylbenzene	Ave	2.131	2.090		19.6	20.0	-1.9	20.0
1,2,4-Trimethylbenzene	Ave	2.832	2.750		19.4	20.0	-2.9	20.0
sec-Butylbenzene	Ave	3.410	3.382		19.8	20.0	-0.8	20.0
1,3-Dichlorobenzene	Ave	1.499	1.441	0.6000	19.2	20.0	-3.9	20.0
4-Isopropyltoluene	Ave	2.961	2.914		19.7	20.0	-1.6	20.0
1,4-Dichlorobenzene	Ave	1.478	1.486	0.5000	20.1	20.0	0.5	20.0
1,2,3-Trimethylbenzene	Ave	2.948	2.902		19.7	20.0	-1.6	20.0
Benzyl chloride	Ave	1.731	1.883		21.8	20.0	8.8	50.0
Indan	Ave	2.911	2.995		20.6	20.0	2.9	20.0
p-Diethylbenzene	Ave	1.555	1.620		20.8	20.0	4.2	20.0
n-Butylbenzene	Ave	1.591	1.733		21.8	20.0	8.9	20.0
1,2-Dichlorobenzene	Ave	1.504	1.553	0.4000	20.6	20.0	3.2	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.018	2.738		18.1	20.0	-9.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2191	0.1785	0.0500	16.3	20.0	-18.5	50.0
1,3,5-Trichlorobenzene	Ave	1.176	1.093		18.6	20.0	-7.0	20.0
1,2,4-Trichlorobenzene	Ave	1.173	1.034	0.2000	17.6	20.0	-11.9	20.0
Hexachlorobutadiene	Ave	0.4459	0.3581		16.1	20.0	-19.7	20.0
Naphthalene	Ave	3.264	2.816		17.3	20.0	-13.7	50.0
1,2,3-Trichlorobenzene	Ave	1.092	0.9508		17.4	20.0	-12.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin2				0.620	20.0	-100.0*	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2369			0.280	20.0		
Dibromofluoromethane (Surr)	Ave	0.2532	0.2526		49.9	50.0	-0.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719790/3 Calibration Date: 08/26/2020 19:06
 Instrument ID: CVOAMS6 Calib Start Date: 08/24/2020 21:03
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 08/24/2020 23:56
 Lab File ID: F003773.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3323	0.3289		49.5	50.0	-1.0	20.0
Toluene-d8 (Surr)	Ave	1.430	1.527		53.4	50.0	6.8	20.0
4-Bromofluorobenzene	Ave	0.4195	0.4047		48.2	50.0	-3.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003773.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 26-Aug-2020 19:06:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0115813-003
 Operator ID: Instrument ID: CVOAMS6
 Sublist: chrom-8260624W6*sub55
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:35:18 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: yallabg Date: 26-Aug-2020 19:38:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	98	44052	20.0	21.3	
2 Chloromethane	50	1.738	1.738	0.000	99	100383	20.0	33.9	
3 Butadiene	54	1.812	1.812	0.000	98	93292	20.0	35.1	
4 Vinyl chloride	62	1.821	1.821	0.000	98	103024	20.0	34.9	
5 Bromomethane	94	2.084	2.084	0.000	99	76016	20.0	40.6	
6 Chloroethane	64	2.133	2.133	0.000	100	62662	20.0	33.6	
7 Dichlorofluoromethane	67	2.314	2.314	0.000	99	68878	20.0	15.8	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	60	54332	20.0	16.0	
9 Pentane	72	2.330	2.330	0.000	94	14282	40.0	47.6	
10 Ethyl ether	59	2.511	2.511	0.000	96	23842	20.0	15.9	
11 Ethanol	46	2.503	2.503	0.000	64	1780	800.0	387.6	
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	98	27840	20.0	15.8	
15 Acrolein	56	2.675	2.675	0.000	31	3897	40.0	47.4	
16 112TCTFE	101	2.692	2.692	0.000	94	30388	20.0	21.1	
17 1,1-Dichloroethene	96	2.716	2.716	0.000	95	27616	20.0	19.2	
18 Acetone	43	2.790	2.790	0.000	88	45211	100.0	101.0	
20 Isopropyl alcohol	45	2.864	2.864	0.000	36	10525	200.0	163.4	
19 Iodomethane	142	2.864	2.864	0.000	99	49393	20.0	19.5	
21 Carbon disulfide	76	2.913	2.913	0.000	100	114374	20.0	20.5	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	89	49251	20.0	16.9	
23 Methyl acetate	43	3.020	3.020	0.000	97	49484	40.0	34.4	
24 Cyclopentene	67	3.029	3.029	0.000	92	80534	20.0	21.6	
25 Acetonitrile	41	3.061	3.061	0.000	21	37223	200.0	275.3	a
* 27 TBA-d9 (IS)	65	3.111	3.111	0.000	0	134091	1000.0	1000.0	
26 Methylene Chloride	84	3.135	3.135	0.000	93	36212	20.0	20.2	
28 2-Methyl-2-propanol	59	3.176	3.176	0.000	90	31096	200.0	207.7	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	89497	20.0	21.7	
30 trans-1,2-Dichloroethene	96	3.308	3.308	0.000	95	31808	20.0	20.7	
31 Acrylonitrile	53	3.374	3.374	0.000	95	130078	200.0	179.2	
32 Hexane	43	3.456	3.456	0.000	92	28541	20.0	24.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Isopropyl ether	45	3.653	3.653	0.000	92	92988	20.0	21.1	
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	57398	20.0	21.5	
35 Vinyl acetate	86	3.702	3.702	0.000	99	15699	40.0	46.2	
36 2-Chloro-1,3-butadiene	88	3.727	3.727	0.000	93	29119	20.0	21.6	
37 Tert-butyl ethyl ether	59	3.957	3.957	0.000	90	95577	20.0	22.5	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	175424	250.0	250.0	
39 2,2-Dichloropropane	97	4.187	4.187	0.000	91	12128	20.0	24.9	M
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	92	35243	20.0	20.4	
42 2-Butanone (MEK)	72	4.204	4.204	0.000	96	21786	100.0	105.9	
41 Ethyl acetate	70	4.204	4.204	0.000	96	7135	40.0	42.4	
43 Methyl acrylate	55	4.261	4.261	0.000	98	29416	20.0	18.0	
44 Propionitrile	54	4.335	4.335	0.000	97	43917	200.0	214.8	
45 Chlorobromomethane	128	4.409	4.409	0.000	91	16917	20.0	21.2	
46 Tetrahydrofuran	72	4.409	4.409	0.000	57	10197	40.0	40.7	
47 Methacrylonitrile	67	4.434	4.434	0.000	91	151715	200.0	191.3	
48 Chloroform	83	4.458	4.458	0.000	97	55499	20.0	21.3	
49 Cyclohexane	84	4.598	4.598	0.000	90	57506	20.0	23.1	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	72	48305	20.0	20.7	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	73075	50.0	49.9	
52 Carbon tetrachloride	117	4.721	4.721	0.000	93	37908	20.0	19.8	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	94	42296	20.0	20.7	
54 Isobutyl alcohol	43	4.861	4.861	0.000	94	17426	500.0	413.0	
55 Benzene	78	4.943	4.943	0.000	97	127329	20.0	21.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	95164	50.0	49.5	
57 Isopropyl acetate	43	4.992	4.992	0.000	95	98438	20.0	19.7	
58 Tert-amyl methyl ether	73	5.001	5.001	0.000	92	98911	20.0	21.4	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	97	44735	20.0	21.0	
60 n-Heptane	57	5.099	5.099	0.000	86	24724	20.0	25.2	
* 61 Fluorobenzene	96	5.222	5.222	0.000	99	289309	50.0	50.0	
62 n-Butanol	56	5.510	5.510	0.000	87	15668	500.0	386.5	
63 Trichloroethene	95	5.568	5.568	0.000	96	31359	20.0	20.4	
64 Ethyl acrylate	55	5.691	5.691	0.000	97	81884	20.0	19.2	
65 Methylcyclohexane	83	5.691	5.691	0.000	83	59923	20.0	22.1	
66 1,2-Dichloropropane	63	5.847	5.847	0.000	89	33919	20.0	21.4	
* 67 1,4-Dioxane-d8	96	5.904	5.904	0.000	0	11567	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	84	18640	40.0	38.6	
71 1,4-Dioxane	88	5.962	5.962	0.000	29	5035	400.0	508.6	M
69 Dibromomethane	93	5.970	5.970	0.000	92	22047	20.0	20.2	
70 n-Propyl acetate	43	5.987	5.987	0.000	98	47124	20.0	19.2	
72 Dichlorobromomethane	83	6.126	6.126	0.000	98	40813	20.0	20.4	
74 2-Nitropropane	41	6.455	6.455	0.000	88	24629	40.0	41.1	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	67	19174	20.0	18.3	
75 Epichlorohydrin	57	6.562	6.562	0.000	99	67507	400.0	411.9	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	94	53524	20.0	20.9	
77 4-Methyl-2-pentanone (MIBK)	43	6.792	6.792	0.000	97	181694	100.0	113.9	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	322683	50.0	53.4	
79 Toluene	91	6.940	6.940	0.000	93	140995	20.0	21.7	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	97	47347	20.0	20.2	
81 Ethyl methacrylate	69	7.326	7.326	0.000	89	47271	20.0	20.0	
82 1,1,2-Trichloroethane	83	7.499	7.499	0.000	93	24993	20.0	22.1	
83 Tetrachloroethene	166	7.540	7.540	0.000	90	27708	20.0	20.5	
84 1,3-Dichloropropane	76	7.704	7.704	0.000	92	49975	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Hexanone	43	7.778	7.778	0.000	95	111495	100.0	105.1	
86 n-Butyl acetate	43	7.893	7.893	0.000	98	53282	20.0	19.7	
87 Chlorodibromomethane	129	7.934	7.934	0.000	97	26579	20.0	18.2	
88 Ethylene Dibromide	107	8.090	8.090	0.000	98	27137	20.0	19.0	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	211355	50.0	50.0	
90 Chlorobenzene	112	8.674	8.674	0.000	94	84129	20.0	20.8	
91 Ethylbenzene	106	8.780	8.780	0.000	99	49347	20.0	21.6	
92 1,1,1,2-Tetrachloroethane	131	8.789	8.789	0.000	93	30290	20.0	20.3	
93 m-Xylene & p-Xylene	106	8.936	8.936	0.000	0	60829	20.0	21.7	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	30150	20.0	20.2	
95 o-Xylene	106	9.413	9.413	0.000	94	62149	20.0	21.3	
96 Styrene	104	9.438	9.438	0.000	96	98810	20.0	21.1	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	92	72796	20.0	18.9	
98 Bromoform	173	9.643	9.643	0.000	94	17891	20.0	16.9	
99 Isopropylbenzene	105	9.775	9.775	0.000	97	156246	20.0	21.8	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	86	85542	50.0	48.2	
101 Bromobenzene	156	10.070	10.070	0.000	95	35173	20.0	18.6	
102 1,1,2,2-Tetrachloroethane	83	10.111	10.111	0.000	98	42735	20.0	19.3	
103 N-Propylbenzene	91	10.144	10.144	0.000	99	196779	20.0	20.0	
104 1,2,3-Trichloropropane	110	10.153	10.153	0.000	96	12749	20.0	17.2	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.177	0.000	73	12326	20.0	18.6	a
106 2-Chlorotoluene	91	10.227	10.227	0.000	97	130703	20.0	19.7	
107 4-Ethyltoluene	105	10.235	10.235	0.000	98	160186	20.0	20.0	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	92	133190	20.0	20.1	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	120982	20.0	20.4	
110 Butyl Methacrylate	87	10.383	10.383	0.000	95	56038	20.0	19.9	
111 tert-Butylbenzene	119	10.531	10.531	0.000	94	104518	20.0	19.6	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	98	137518	20.0	19.4	
113 sec-Butylbenzene	105	10.695	10.695	0.000	99	169118	20.0	19.8	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	70	72044	20.0	19.2	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	97	145709	20.0	19.7	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	96	124996	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	94	74300	20.0	20.1	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	99	145095	20.0	19.7	
119 Benzyl chloride	91	10.966	10.966	0.000	98	94159	20.0	21.8	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	149729	20.0	20.6	
121 p-Diethylbenzene	119	11.056	11.056	0.000	92	81004	20.0	20.8	
122 n-Butylbenzene	92	11.073	11.073	0.000	97	86657	20.0	21.8	
123 1,2-Dichlorobenzene	146	11.114	11.114	0.000	94	77626	20.0	20.6	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	136880	20.0	18.1	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.607	0.000	89	8927	20.0	16.3	
126 1,3,5-Trichlorobenzene	180	11.689	11.689	0.000	94	54654	20.0	18.6	
127 1,2,4-Trichlorobenzene	180	12.084	12.084	0.000	93	51697	20.0	17.6	
128 Hexachlorobutadiene	225	12.149	12.149	0.000	90	17904	20.0	16.1	
129 Naphthalene	128	12.248	12.248	0.000	99	140771	20.0	17.3	
130 1,2,3-Trichlorobenzene	180	12.404	12.404	0.000	93	47539	20.0	17.4	
S 131 1,2-Dichloroethene, Total	100				0		40.0	41.0	
S 132 Xylenes, Total	100				0		40.0	43.0	

QC Flag Legend

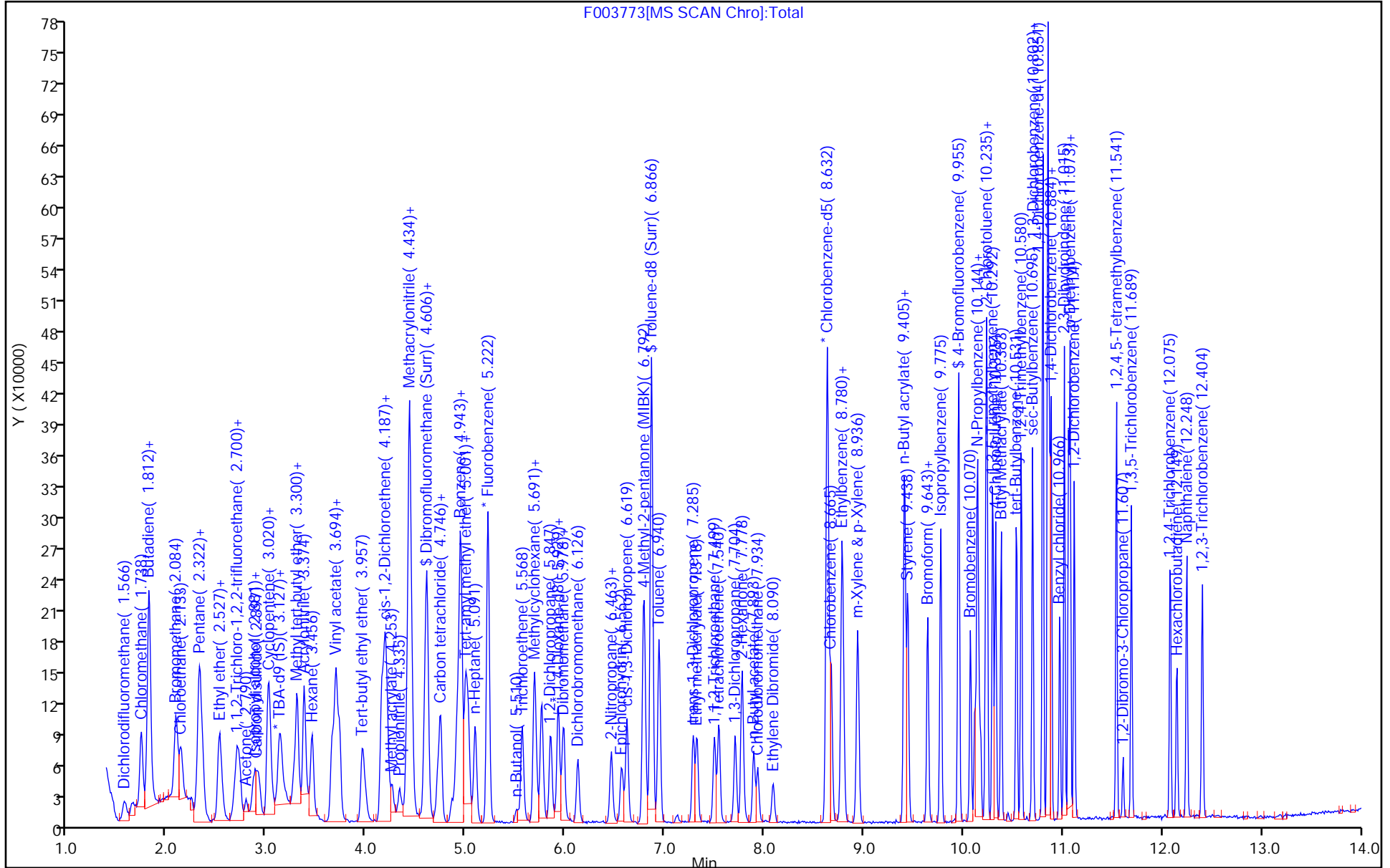
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

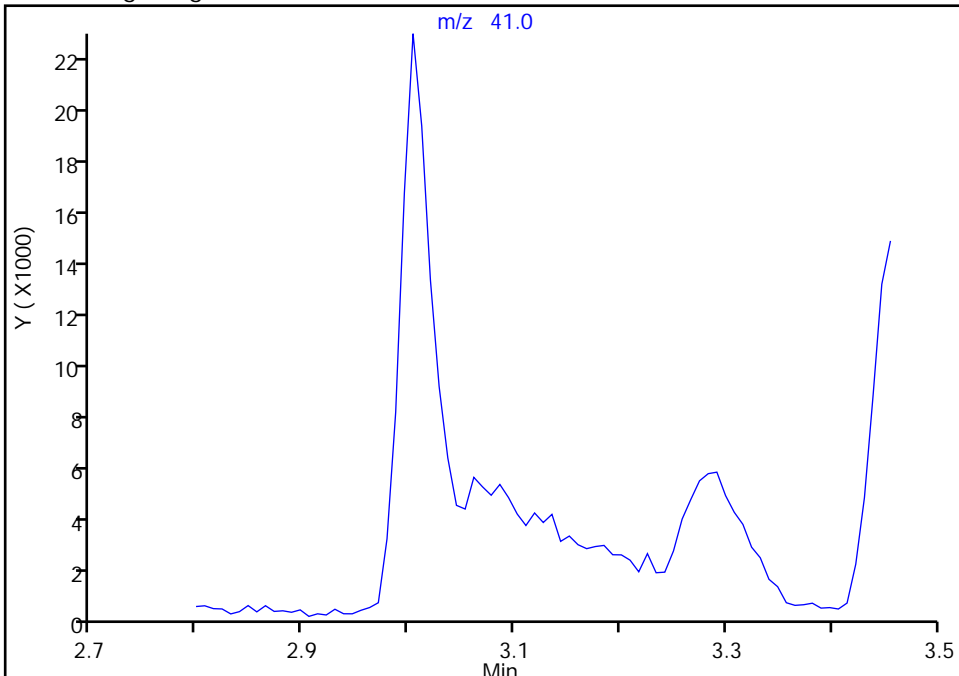
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Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 Acetonitrile, CAS: 75-05-8

Signal: 1

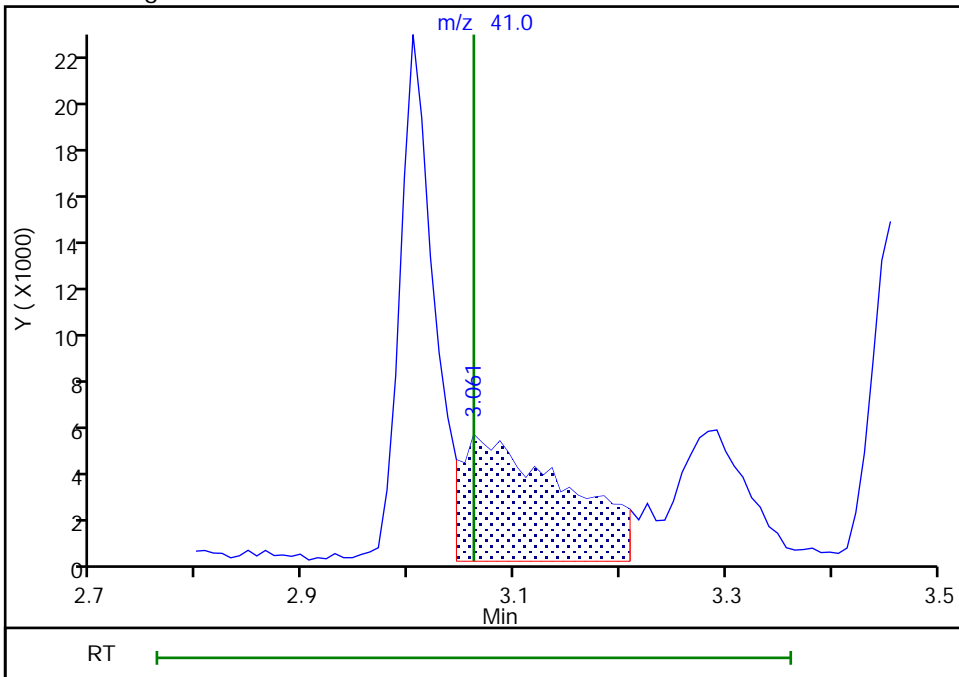
Not Detected
Expected RT: 3.06

Processing Integration Results



Manual Integration Results

RT: 3.06
Area: 37223
Amount: 275.2990
Amount Units: ug/l



Reviewer: yallabg, 26-Aug-2020 19:37:06
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

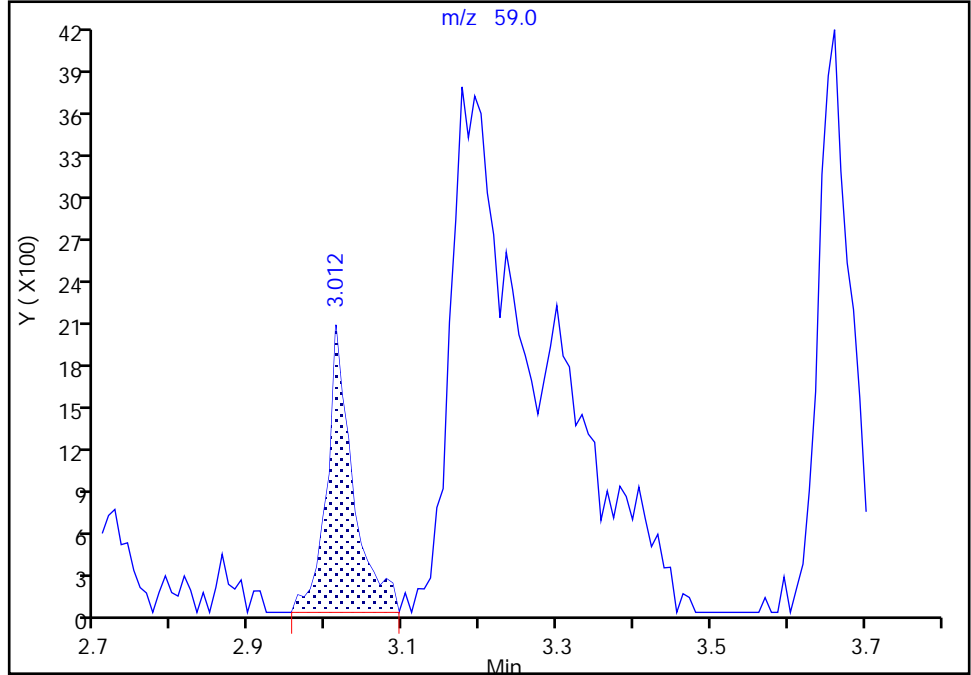
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Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

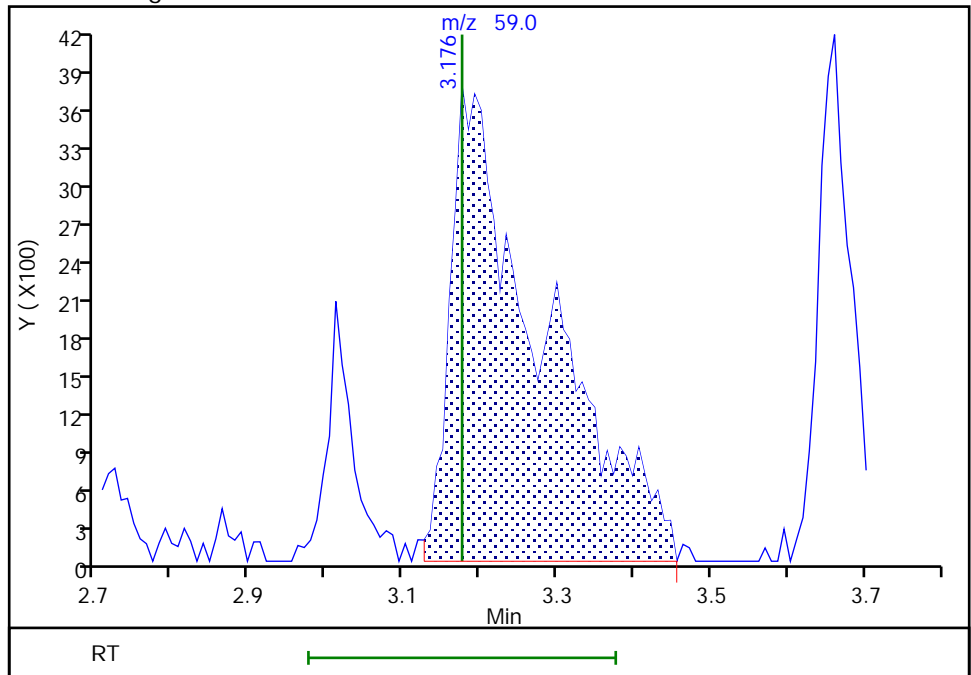
RT: 3.01
Area: 4787
Amount: 31.975641
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 31096
Amount: 207.7114
Amount Units: ug/l

Manual Integration Results



Reviewer: yallabg, 26-Aug-2020 19:37:17
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

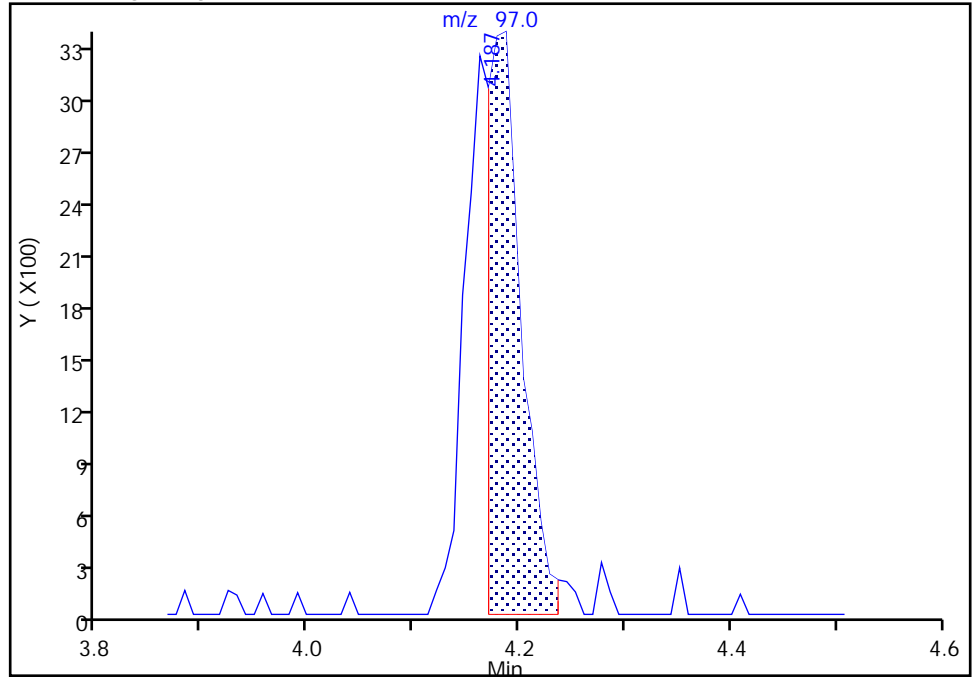
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Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

39 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

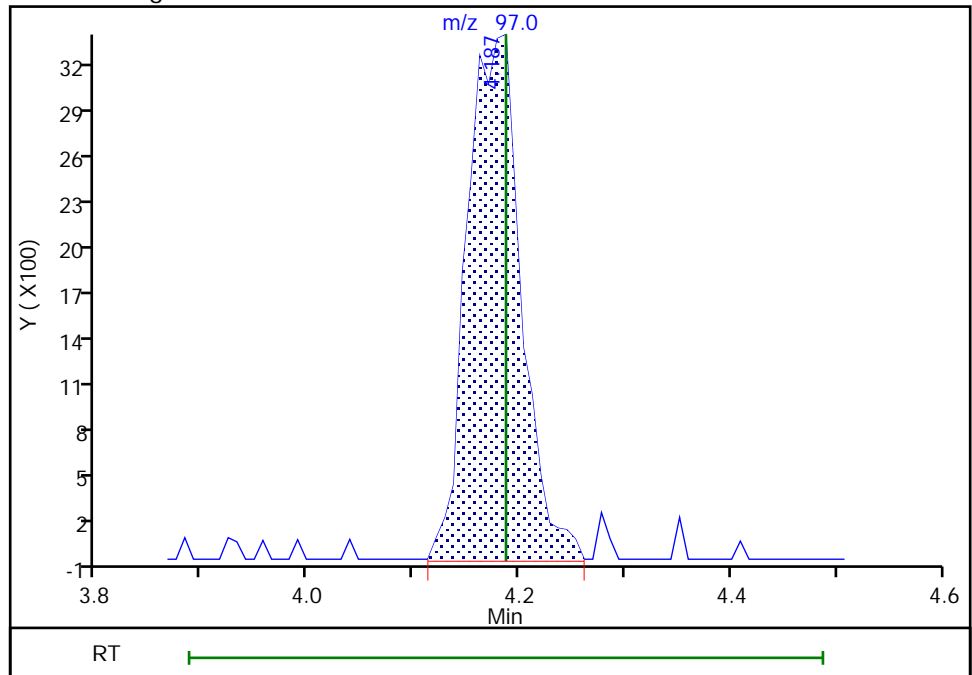
RT: 4.19
Area: 7685
Amount: 15.789087
Amount Units: ug/l

Processing Integration Results



RT: 4.19
Area: 12128
Amount: 24.917377
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:34:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

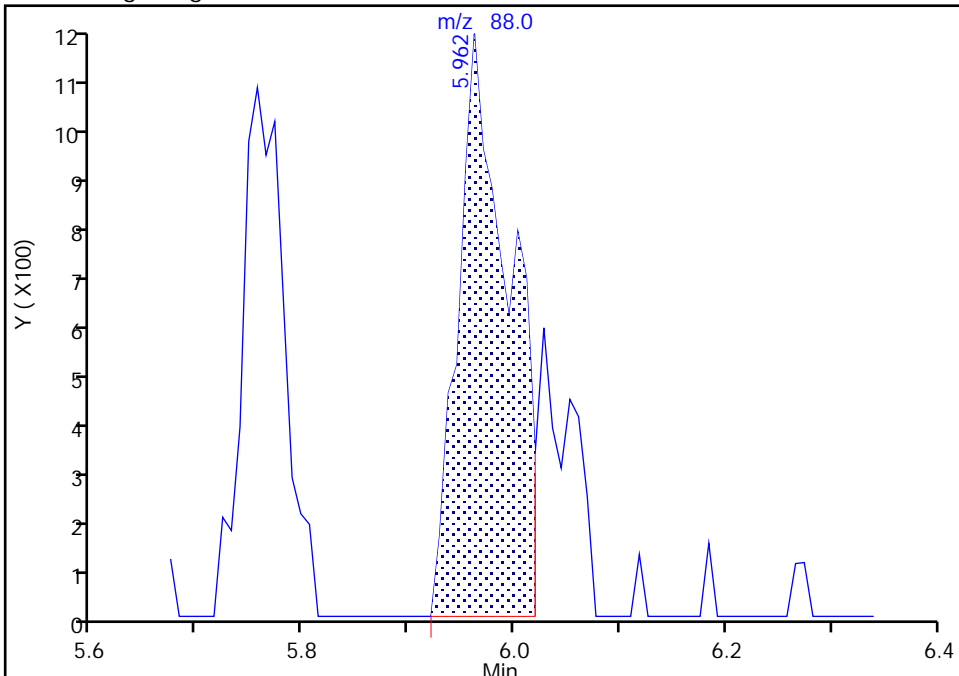
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Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

Signal: 1

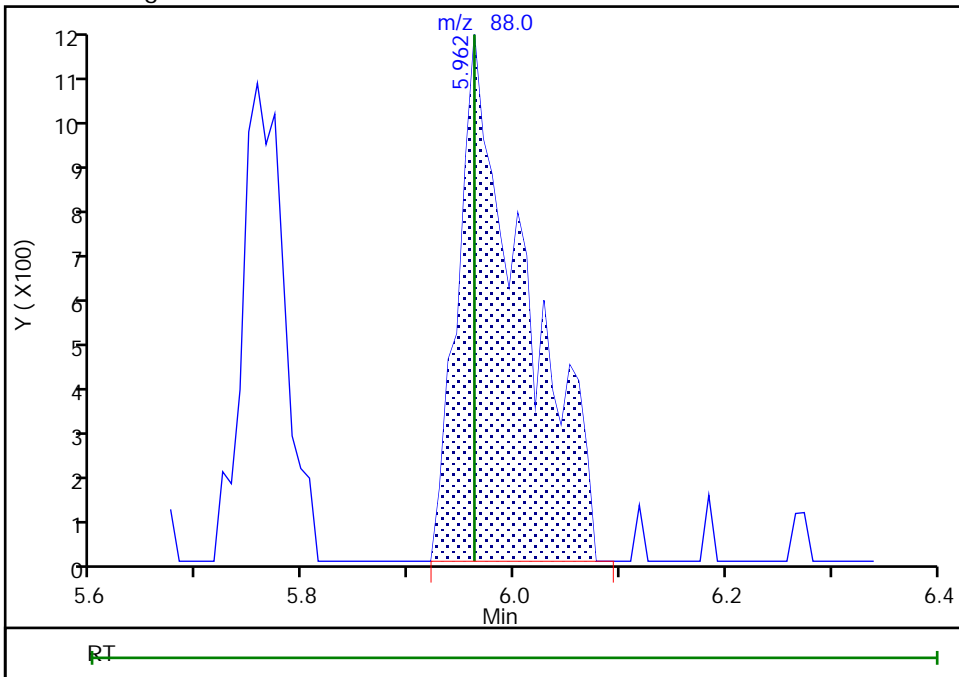
RT: 5.96
Area: 3907
Amount: 394.6546
Amount Units: ug/l

Processing Integration Results



RT: 5.96
Area: 5035
Amount: 508.5964
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 27-Aug-2020 10:34:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

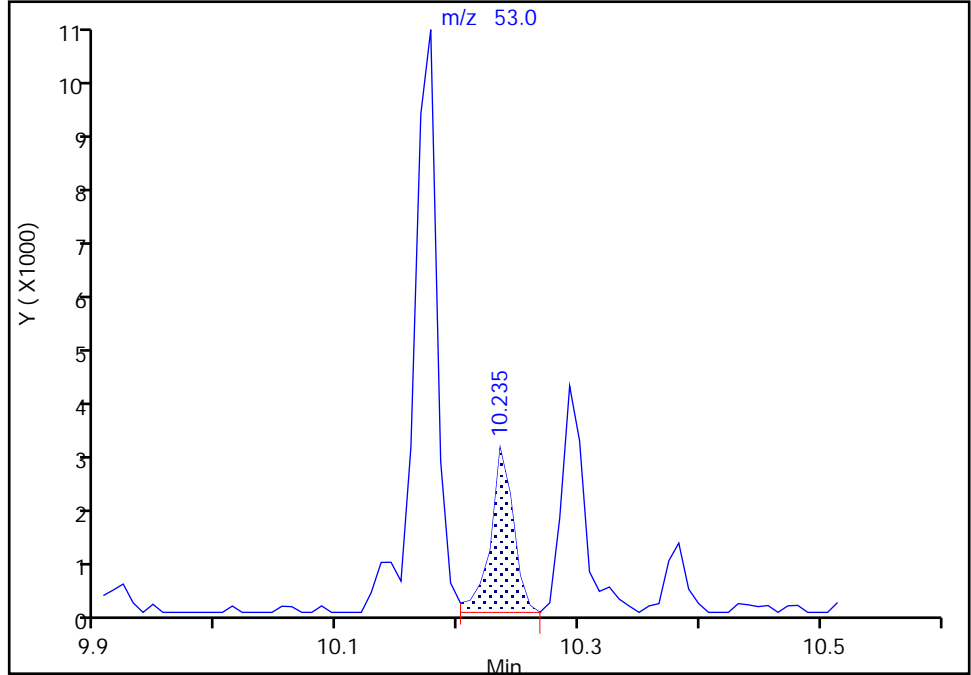
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Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

105 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

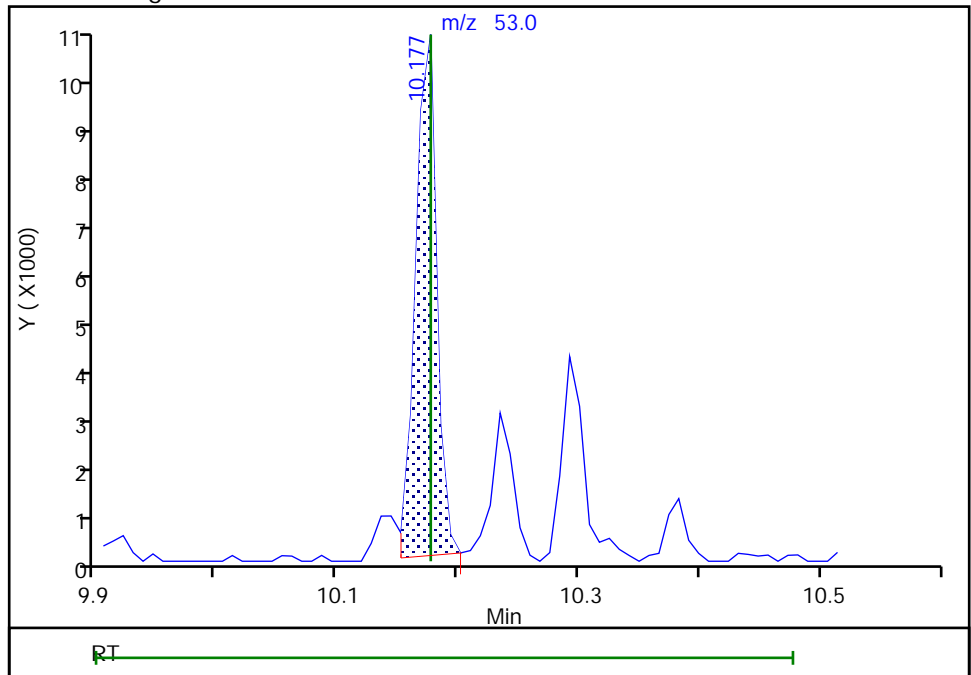
RT: 10.23
Area: 3793
Amount: 5.735291
Amount Units: ug/l

Processing Integration Results



RT: 10.18
Area: 12326
Amount: 18.637806
Amount Units: ug/l

Manual Integration Results



Reviewer: moroneyc, 27-Aug-2020 06:08:26
Audit Action: Assigned Compound ID

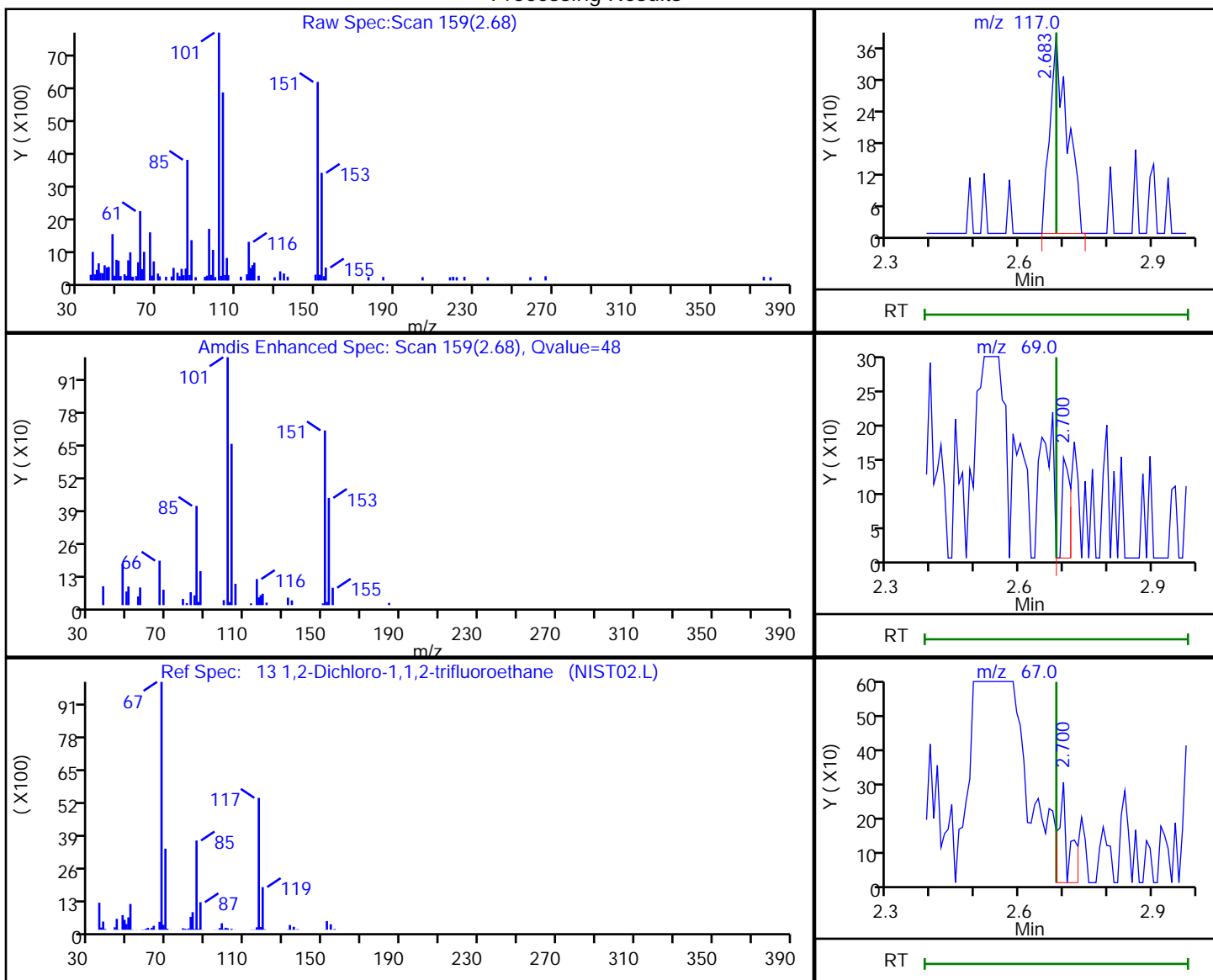
Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003773.D
 Injection Date: 26-Aug-2020 19:06:30 Instrument ID: CVOAMS6
 Lims ID: CCVIS
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 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 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results



RT	Mass	Response	Amount
2.68	117.00	1046	0.763029
2.70	69.00	187	
2.70	67.00	476	
2.68	119.00	1536	

Reviewer: xuyvo, 27-Aug-2020 10:33:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99061.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 25-Jul-2020 16:22:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0113918-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Jul-2020 14:09:40 Calib Date: 26-Jul-2020 01:19:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99069.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

First Level Reviewer: kluseys Date: 25-Jul-2020 16:28:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 137 BFB	95	2.531	2.531	0.000	84	442024	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

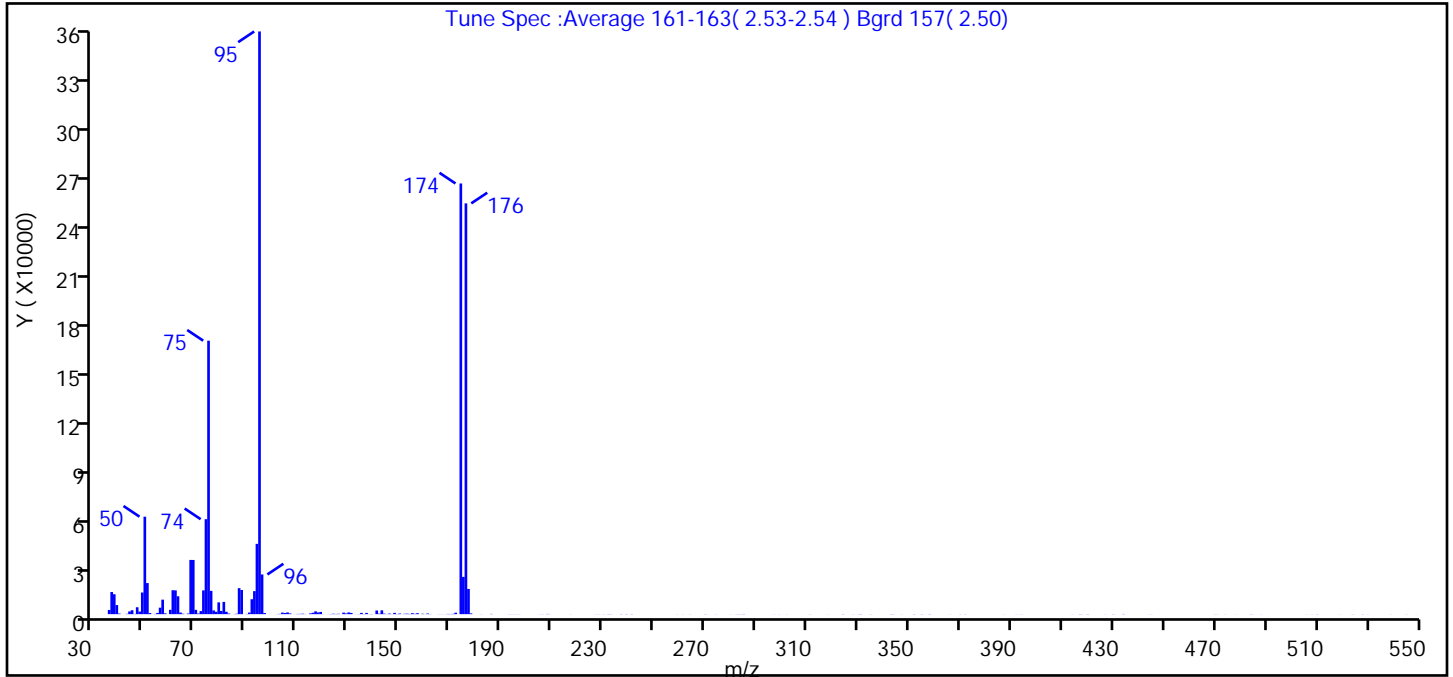
Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99061.D
 Injection Date: 25-Jul-2020 16:22:30 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	46.9
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	73.9
175	5 to 9% of m/z 174	6.4 (8.7)
176	Greater than 95% but less than 101% of m/z 174	70.5 (95.4)
177	5 to 9% of m/z 176	4.3 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99061.D\8260624W6.rsl\spectra.d
Injection Date: 25-Jul-2020 16:22:30
Spectrum: Tune Spec :Average 161-163(2.53-2.54) Bgrd 157(2.50)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 202

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2566	94.00	43176	155.00	602	297.00	40
37.00	13586	95.00	357952	156.00	199	299.00	41
38.00	12229	96.00	24384	157.00	604	302.00	42
39.00	5583	97.00	687	159.00	242	311.00	54
40.00	339	102.00	72	160.00	52	318.00	37
43.00	193	103.00	165	161.00	391	324.00	100
44.00	1669	104.00	948	162.00	77	327.00	11
45.00	2406	105.00	697	165.00	38	328.00	60
46.00	129	106.00	1055	166.00	44	330.00	58
47.00	4230	107.00	445	167.00	39	331.00	105
48.00	1585	109.00	39	168.00	41	335.00	65
49.00	13292	110.00	136	169.00	144	343.00	85
50.00	59880	111.00	146	170.00	102	344.00	49
51.00	19104	112.00	261	171.00	204	347.00	39
52.00	666	113.00	55	172.00	881	352.00	82
54.00	131	115.00	476	174.00	264576	355.00	78
55.00	731	116.00	858	175.00	22888	358.00	105
56.00	3974	117.00	1706	176.00	252352	366.00	38
57.00	8901	118.00	1038	177.00	15479	370.00	49
58.00	472	119.00	1374	178.00	473	372.00	68
60.00	2648	120.00	51	182.00	52	387.00	42
61.00	14700	122.00	35	186.00	143	392.00	36
62.00	14610	123.00	110	193.00	59	394.00	55
63.00	10973	124.00	241	194.00	45	414.00	44
64.00	967	125.00	115	195.00	50	417.00	91
65.00	254	126.00	221	196.00	34	418.00	42
67.00	374	128.00	935	197.00	43	420.00	89
68.00	33304	129.00	455	205.00	42	427.00	37
69.00	33288	130.00	1047	206.00	54	430.00	84
70.00	2632	131.00	754	208.00	131	434.00	116
71.00	384	133.00	36	209.00	41	444.00	39
72.00	1870	134.00	66	217.00	39	445.00	41
73.00	14604	135.00	770	227.00	43	470.00	61

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99061.D\8260624W6.rsl\spectra.d

Injection Date: 25-Jul-2020 16:22:30

Spectrum: Tune Spec :Average 161-163(2.53-2.54) Bgrd 157(2.50)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 202

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	58336	136.00	91	228.00	37	471.00	34
75.00	168000	137.00	751	230.00	51	474.00	38
76.00	14304	138.00	47	232.00	95	478.00	35
77.00	2286	139.00	95	233.00	58	484.00	77
78.00	1444	141.00	2231	237.00	98	485.00	34
79.00	7237	142.00	302	239.00	98	488.00	35
80.00	1969	143.00	2347	241.00	105	506.00	37
81.00	7518	144.00	283	253.00	13	508.00	38
82.00	1453	145.00	71	259.00	37	510.00	72
83.00	368	146.00	375	261.00	37	519.00	37
85.00	61	147.00	56	264.00	48	524.00	66
86.00	247	148.00	782	270.00	80	528.00	74
87.00	15963	149.00	87	274.00	48	530.00	36
88.00	14832	150.00	381	280.00	39	539.00	39
90.00	120	151.00	34	282.00	48	545.00	48
91.00	979	152.00	223	283.00	72	549.00	34
92.00	9169	153.00	282	284.00	35		
93.00	14136	154.00	144	285.00	107		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200725-113918.b\F99061.D

Injection Date: 25-Jul-2020 16:22:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

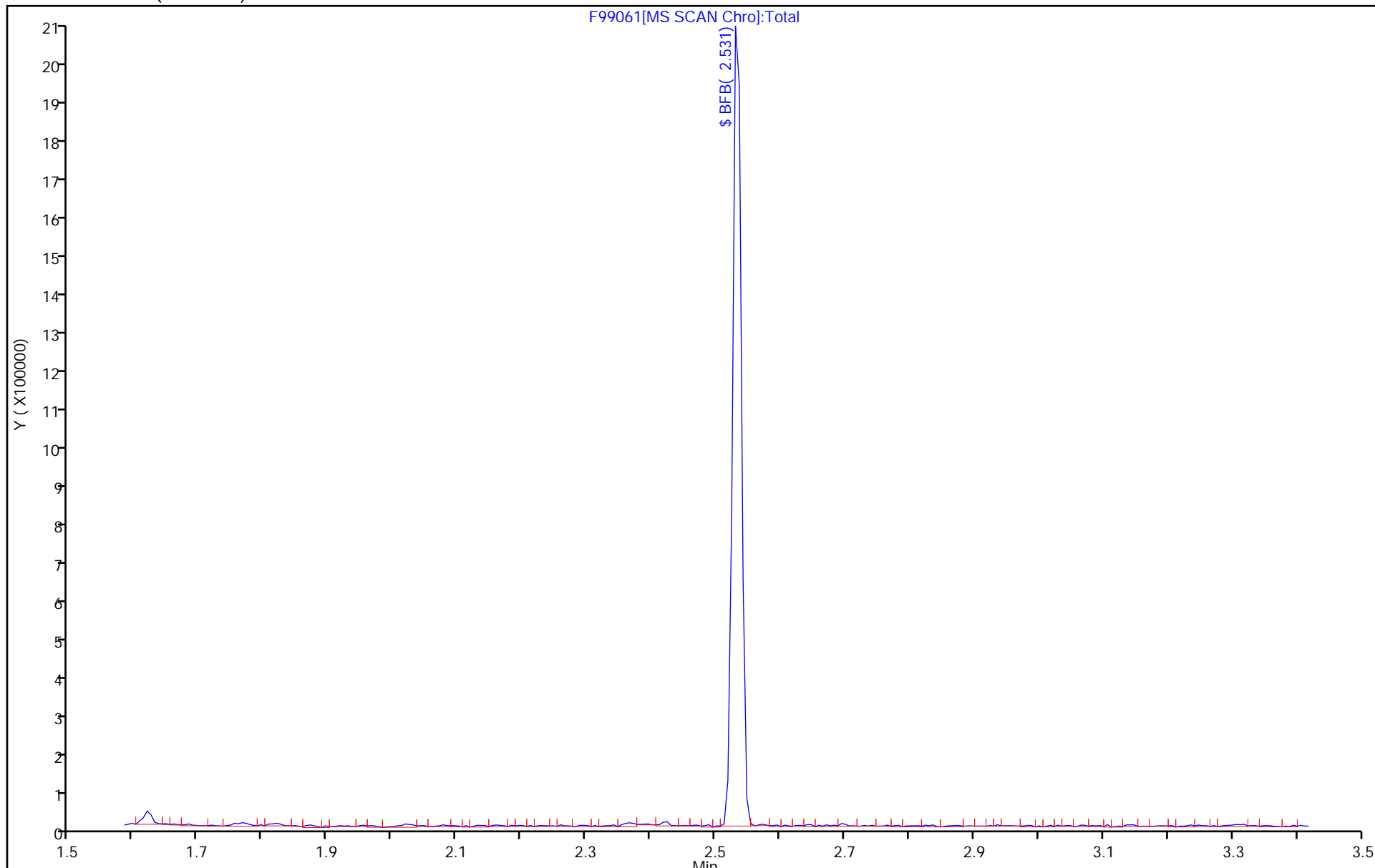
Dil. Factor: 1.0000

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\20200824-115680.b\F003698.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 24-Aug-2020 20:39:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0115680-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 25-Aug-2020 09:34:08 Calib Date: 25-Aug-2020 01:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003711.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1020

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 137 BFB	95	2.496	2.496	0.000	87	177528	NR	NR	

QC Flag Legend

Processing Flags
 NR - Missing Quant Standard

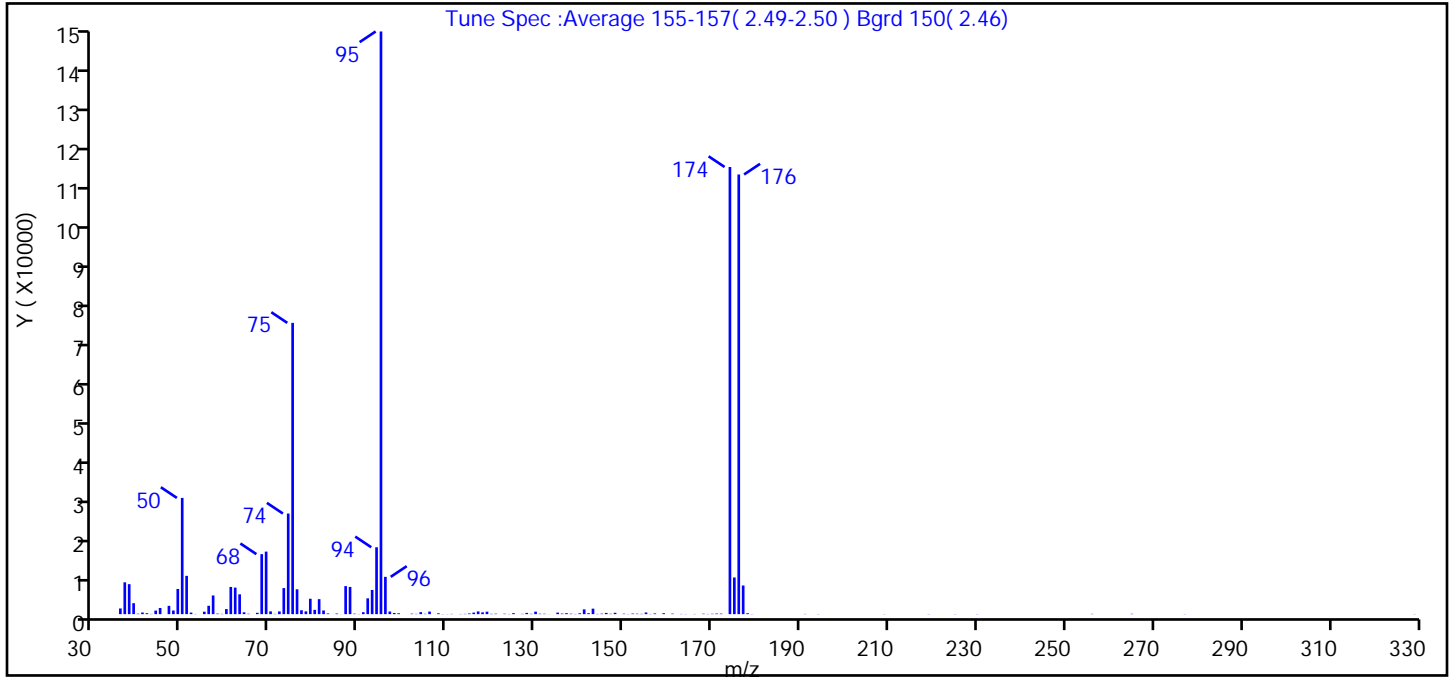
Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003698.D
 Injection Date: 24-Aug-2020 20:39:30 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	19.9
75	30 to 60% of m/z 95	50.0
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	76.7
175	5 to 9% of m/z 174	6.3 (8.2)
176	Greater than 95% but less than 101% of m/z 174	75.5 (98.3)
177	5 to 9% of m/z 176	4.9 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003698.D\8260624W6.rslt\spectra.d
Injection Date: 24-Aug-2020 20:39:30
Spectrum: Tune Spec :Average 155-157(2.49-2.50) Bgrd 150(2.46)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1372	74.00	24224	113.00	45	152.00	138
37.00	7662	75.00	70128	114.00	66	153.00	110
38.00	7214	76.00	5983	115.00	167	154.00	71
39.00	2640	77.00	938	116.00	371	155.00	397
40.00	110	78.00	669	117.00	655	156.00	38
41.00	392	79.00	3705	118.00	428	157.00	170
42.00	228	80.00	1035	119.00	593	159.00	224
43.00	48	81.00	3602	120.00	78	161.00	121
44.00	857	82.00	881	121.00	111	163.00	50
45.00	1478	83.00	167	123.00	93	164.00	37
47.00	1997	85.00	148	124.00	45	166.00	46
48.00	872	86.00	17	125.00	241	168.00	103
49.00	6062	87.00	6750	127.00	72	169.00	49
50.00	27984	88.00	6550	128.00	297	170.00	87
51.00	9224	89.00	109	129.00	77	171.00	142
52.00	378	90.00	44	130.00	596	172.00	129
53.00	47	91.00	461	131.00	99	174.00	107664
55.00	591	92.00	3807	132.00	93	175.00	8825
56.00	2017	93.00	5823	133.00	17	176.00	105856
57.00	4497	94.00	16105	135.00	369	177.00	6896
58.00	129	95.00	140288	136.00	143	178.00	215
59.00	66	96.00	8981	137.00	232	179.00	38
60.00	1219	97.00	629	138.00	108	191.00	53
61.00	6544	98.00	280	139.00	48	194.00	37
62.00	6391	99.00	207	140.00	208	209.00	36
63.00	4771	101.00	7	141.00	1147	219.00	36
64.00	445	102.00	116	142.00	225	225.00	36
65.00	93	103.00	61	143.00	1319	230.00	34
67.00	322	104.00	482	144.00	59	256.00	72
68.00	14446	105.00	82	145.00	121	265.00	85
69.00	15054	106.00	618	146.00	291	277.00	38
70.00	666	108.00	199	147.00	89	329.00	40
71.00	63	109.00	35	148.00	325		

Report Date: 25-Aug-2020 09:34:09

Chrom Revision: 2.3 20-Aug-2020 13:57:12

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003698.D\8260624W6.rslt\spectra.d

Injection Date: 24-Aug-2020 20:39:30

Spectrum: Tune Spec :Average 155-157(2.49-2.50) Bgrd 150(2.46)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	650	110.00	31	150.00	109		
73.00	6274	111.00	57	151.00	39		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003698.D

Injection Date: 24-Aug-2020 20:39:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

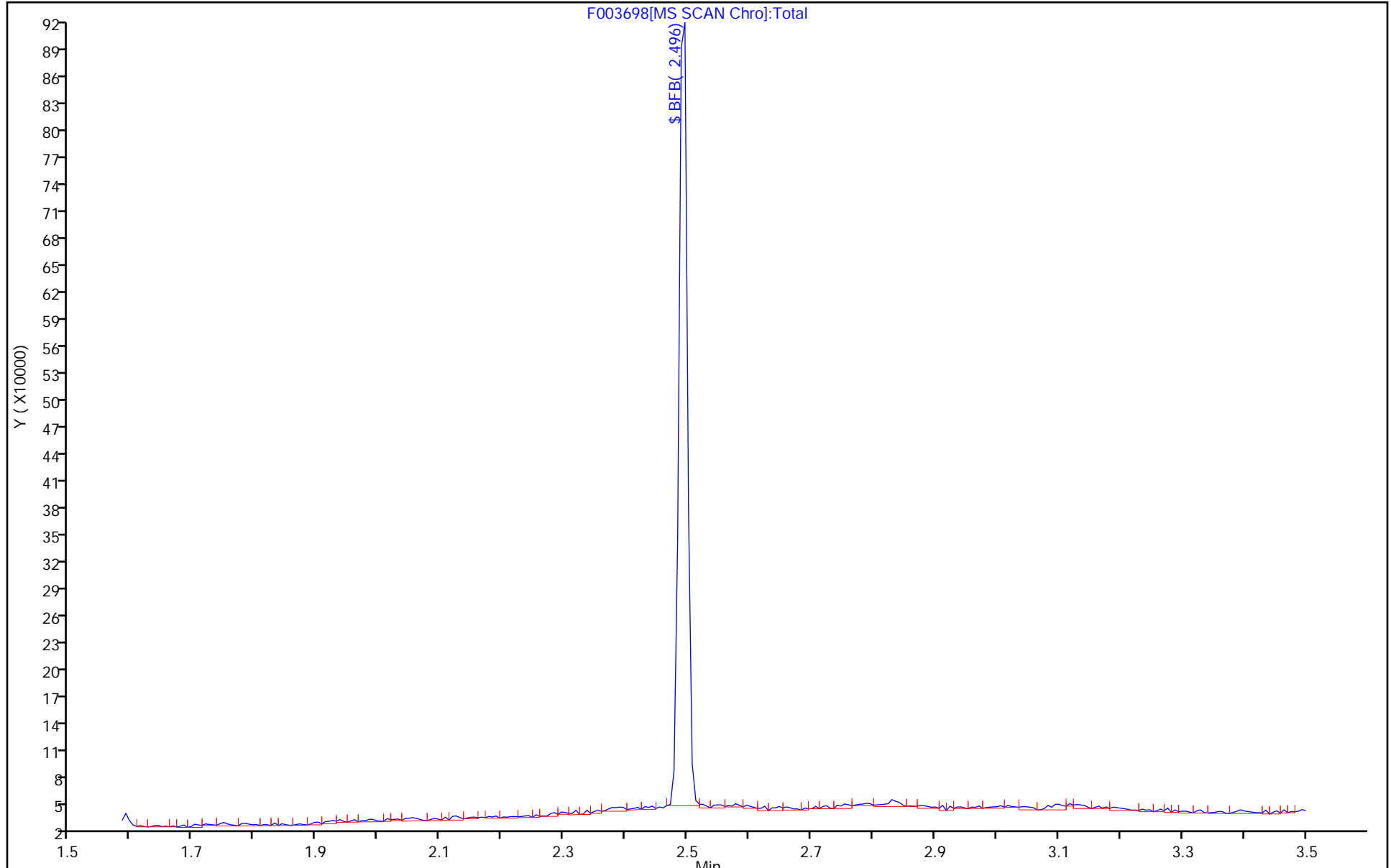
Dil. Factor: 1.0000

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\20200826-115773.b\F003741.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 26-Aug-2020 06:00:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0115773-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 08:51:49 Calib Date: 25-Aug-2020 01:57:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003711.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1064

First Level Reviewer: moroneyc Date: 26-Aug-2020 06:14:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 137 BFB	95	2.496	2.496	0.000	87	76258	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

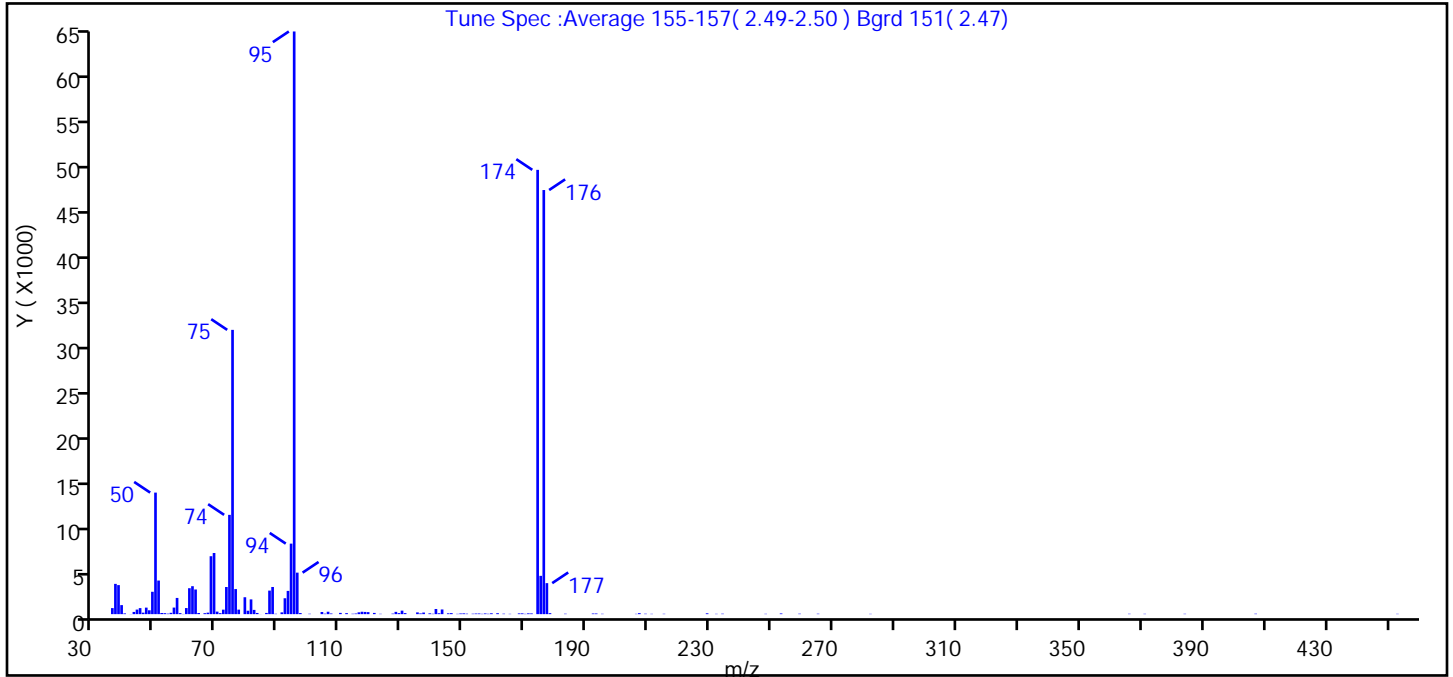
Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003741.D
 Injection Date: 26-Aug-2020 06:00:30 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	20.9
75	30 to 60% of m/z 95	48.8
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	76.3
175	5 to 9% of m/z 174	6.6 (8.6)
176	Greater than 95% but less than 101% of m/z 174	72.8 (95.5)
177	5 to 9% of m/z 176	5.3 (7.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003741.D\8260624W6.rslt\spectra.d
Injection Date: 26-Aug-2020 06:00:30
Spectrum: Tune Spec :Average 155-157(2.49-2.50) Bgrd 151(2.47)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	668	72.00	496	117.00	265	168.00	83
37.00	3348	73.00	3001	118.00	245	169.00	86
38.00	3211	74.00	10981	119.00	224	170.00	33
39.00	999	75.00	31440	121.00	136	171.00	88
40.00	83	76.00	2774	123.00	37	172.00	79
42.00	12	77.00	498	127.00	59	174.00	49136
43.00	244	79.00	1869	128.00	252	175.00	4235
44.00	504	80.00	378	129.00	114	176.00	46904
45.00	667	81.00	1632	130.00	388	177.00	3429
46.00	163	82.00	470	131.00	117	178.00	110
47.00	721	83.00	131	135.00	194	183.00	46
48.00	427	84.00	7	136.00	79	192.00	71
49.00	2474	86.00	134	137.00	177	193.00	72
50.00	13442	87.00	2603	139.00	88	195.00	39
51.00	3716	88.00	3003	140.00	41	206.00	34
52.00	128	89.00	42	141.00	570	207.00	108
53.00	108	91.00	196	142.00	99	209.00	47
54.00	56	92.00	1758	143.00	517	211.00	35
55.00	146	93.00	2571	145.00	91	215.00	39
56.00	726	94.00	7799	146.00	113	229.00	92
57.00	1792	95.00	64440	148.00	34	232.00	35
58.00	112	96.00	4590	149.00	74	234.00	49
59.00	20	97.00	119	150.00	85	248.00	36
60.00	673	98.00	1	151.00	52	253.00	77
61.00	2868	100.00	42	153.00	48	259.00	49
62.00	3090	104.00	237	154.00	68	265.00	47
63.00	2727	105.00	51	155.00	72	282.00	33
64.00	128	106.00	266	156.00	36	366.00	41
66.00	106	107.00	72	157.00	78	371.00	37
67.00	164	110.00	138	158.00	41	384.00	39
68.00	6407	112.00	111	159.00	97	407.00	48
69.00	6763	114.00	44	161.00	104	453.00	36
70.00	279	115.00	68	163.00	50		

Report Date: 26-Aug-2020 08:51:49

Chrom Revision: 2.3 20-Aug-2020 13:57:12

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003741.D\8260624W6.rslt\spectra.d

Injection Date: 26-Aug-2020 06:00:30

Spectrum: Tune Spec :Average 155-157(2.49-2.50) Bgrd 151(2.47)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	111	116.00	201	165.00	34		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003741.D

Injection Date: 26-Aug-2020 06:00:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

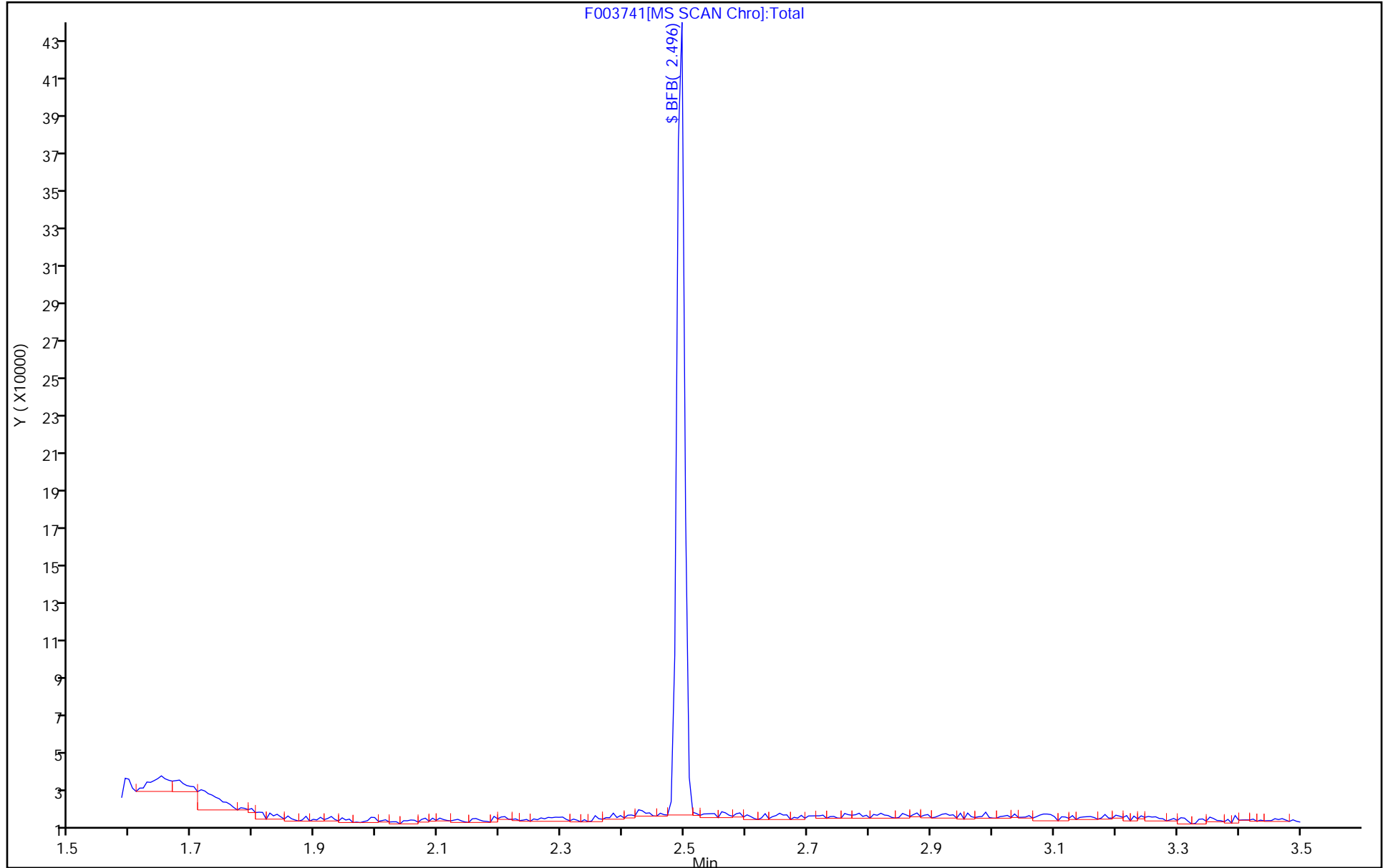
Dil. Factor: 1.0000

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\20200826-115813.b\F003771.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 26-Aug-2020 18:15:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0115813-001
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 20:39:18 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1050

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 133 BFB	95	2.490	2.490	0.000	85	151518	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003771.D

Injection Date: 26-Aug-2020 18:15:30

Instrument ID: CVOAMS6

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

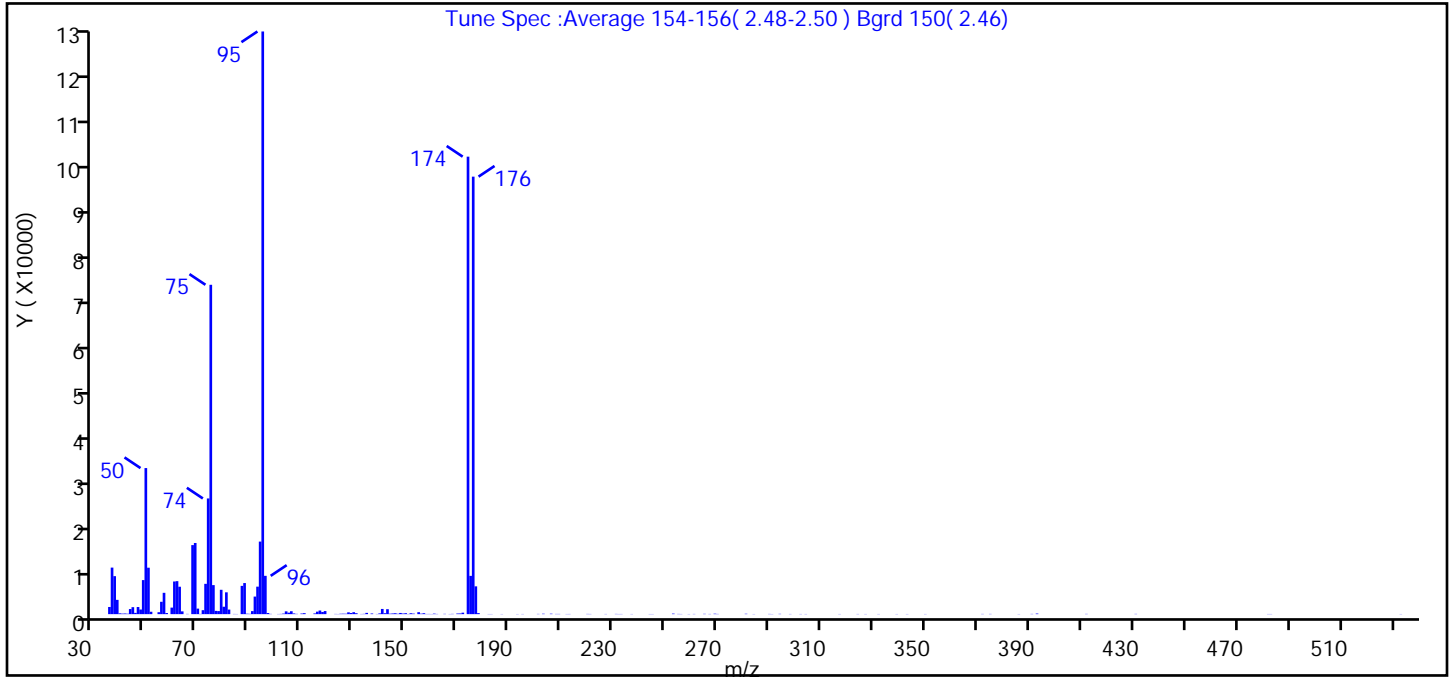
Dil. Factor: 1.0000

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 133 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	25.1
75	30 to 60% of m/z 95	56.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	78.5
175	5 to 9% of m/z 174	6.6 (8.4)
176	Greater than 95% but less than 101% of m/z 174	75.1 (95.6)
177	5 to 9% of m/z 176	4.8 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003771.D\8260624W6.rslt\spectra.d
Injection Date: 26-Aug-2020 18:15:30
Spectrum: Tune Spec :Average 154-156(2.48-2.50) Bgrd 150(2.46)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 173

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1539	87.00	6074	143.00	1061	227.00	40
37.00	10003	88.00	6681	144.00	100	231.00	51
38.00	8164	89.00	93	145.00	146	232.00	37
39.00	3070	90.00	65	146.00	195	233.00	39
40.00	172	91.00	650	147.00	87	237.00	36
41.00	113	92.00	3776	148.00	255	244.00	35
42.00	138	93.00	5909	149.00	136	245.00	34
43.00	90	94.00	15594	150.00	204	253.00	114
44.00	1095	95.00	125224	151.00	42	255.00	49
45.00	1498	96.00	8233	152.00	195	256.00	38
46.00	271	97.00	238	153.00	117	259.00	34
47.00	1529	98.00	55	155.00	421	261.00	45
48.00	992	101.00	39	156.00	105	265.00	67
49.00	7316	102.00	54	157.00	201	267.00	43
50.00	31392	103.00	122	158.00	42	269.00	94
51.00	9979	104.00	601	159.00	48	270.00	47
52.00	513	105.00	319	160.00	34	281.00	81
55.00	416	106.00	625	161.00	110	284.00	34
56.00	2656	107.00	153	162.00	45	290.00	47
57.00	4584	108.00	61	165.00	62	291.00	33
58.00	238	110.00	132	167.00	36	294.00	64
60.00	1404	111.00	209	168.00	57	298.00	40
61.00	7016	115.00	156	170.00	135	302.00	38
62.00	7089	116.00	533	171.00	147	304.00	37
63.00	5891	117.00	777	172.00	315	317.00	36
64.00	596	118.00	465	174.00	98320	324.00	40
66.00	51	119.00	663	175.00	8226	327.00	36
68.00	14838	123.00	48	176.00	94024	332.00	37
69.00	15292	124.00	37	177.00	5974	339.00	35
70.00	1189	125.00	84	178.00	221	343.00	35
71.00	49	126.00	99	182.00	35	350.00	37
72.00	851	127.00	90	183.00	35	372.00	47
73.00	6514	128.00	389	187.00	34	375.00	49

Report Date: 26-Aug-2020 20:39:18

Chrom Revision: 2.3 20-Aug-2020 13:57:12

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003771.D\8260624W6.rslt\spectra.d

Injection Date: 26-Aug-2020 18:15:30

Spectrum: Tune Spec :Average 154-156(2.48-2.50) Bgrd 150(2.46)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 173

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	24864	129.00	251	193.00	33	386.00	33
75.00	70784	130.00	421	195.00	38	391.00	52
76.00	6240	131.00	199	201.00	51	393.00	125
77.00	700	133.00	41	203.00	90	412.00	54
78.00	655	134.00	64	206.00	97	431.00	54
79.00	5233	135.00	272	208.00	47	482.00	36
80.00	1592	137.00	142	209.00	47	483.00	37
81.00	4691	139.00	38	212.00	37	533.00	34
82.00	981	140.00	157	213.00	41		
84.00	44	141.00	1116	220.00	49		
85.00	36	142.00	201	221.00	41		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003771.D

Injection Date: 26-Aug-2020 18:15:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

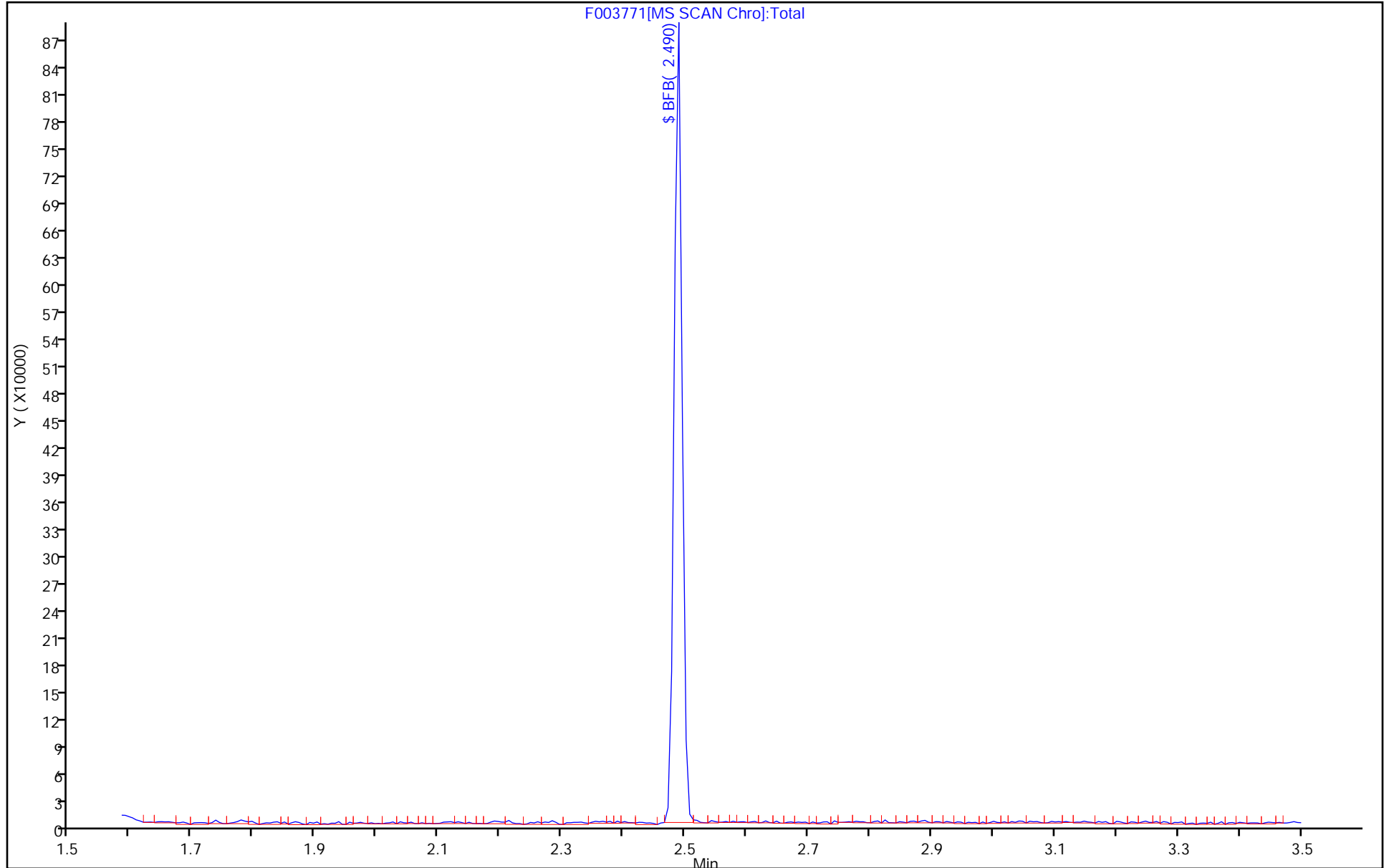
Dil. Factor: 1.0000

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.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719629/10
 Matrix: Water Lab File ID: F003750.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 09:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719629/10
 Matrix: Water Lab File ID: F003750.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 09:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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)	99		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	107		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719629/10
 Matrix: Water Lab File ID: F003750.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 09:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 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\20200826-115773.b\F003750.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Aug-2020 09:42:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0115773-010
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 18:38:04 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 26-Aug-2020 10:10:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.119	3.119	0.000	0	172156	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.146	4.154	-0.008	0	195237	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	94	79581	50.0	50.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	103190	50.0	49.5	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	313465	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.904	5.904	0.000	0	17004	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	99	331029	50.0	53.7	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	215680	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	89584	50.0	49.5	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	96	121795	50.0	50.0	

Reagents:

VOA6IS/SURR_00039 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003750.D

Injection Date: 26-Aug-2020 09:42:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

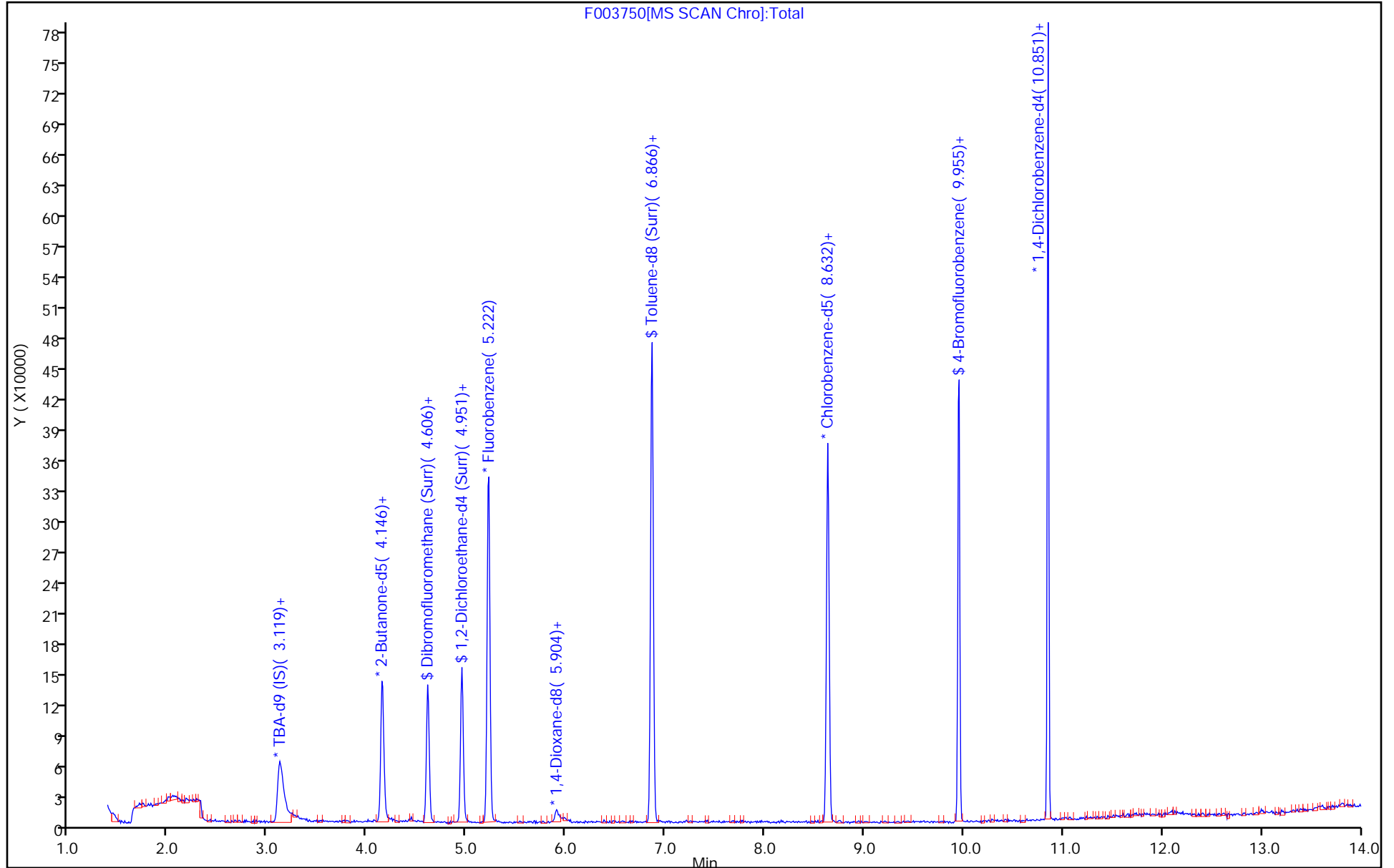
Dil. Factor: 1.0000

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\20200826-115773.b\F003750.D

Injection Date: 26-Aug-2020 09:42:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

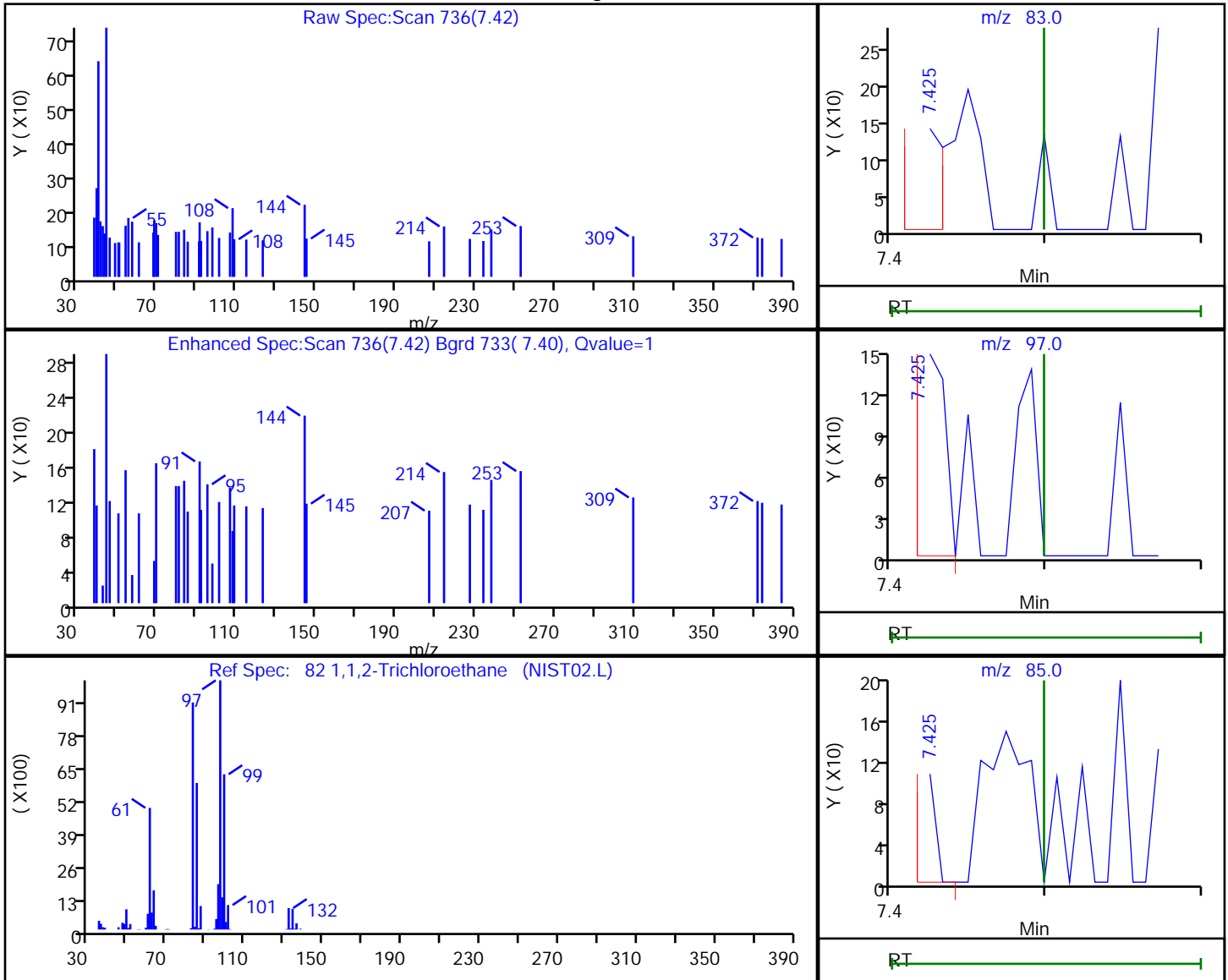
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

82 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
7.42	83.00	184	0.157753
7.42	97.00	135	
7.42	85.00	51	

Reviewer: moroneyc, 26-Aug-2020 10:09:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003750.D

Injection Date: 26-Aug-2020 09:42:30

Instrument ID: CVOAMS6

Lims ID: MB

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

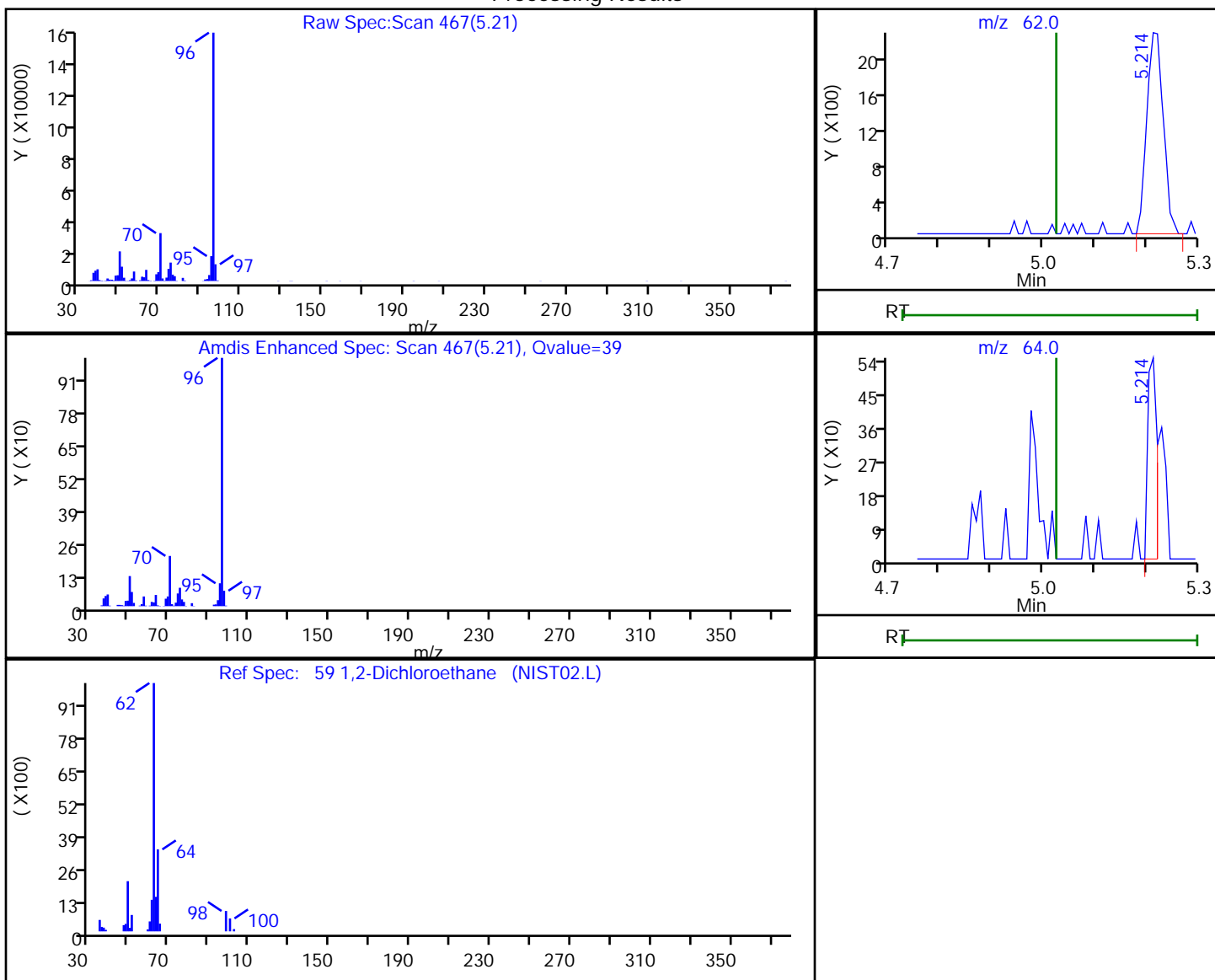
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.21	62.00	4989	2.144168
5.21	64.00	671	

Reviewer: moroneyc, 26-Aug-2020 10:09:43

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003750.D

Injection Date: 26-Aug-2020 09:42:30

Instrument ID: CVOAMS6

Lims ID: MB

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

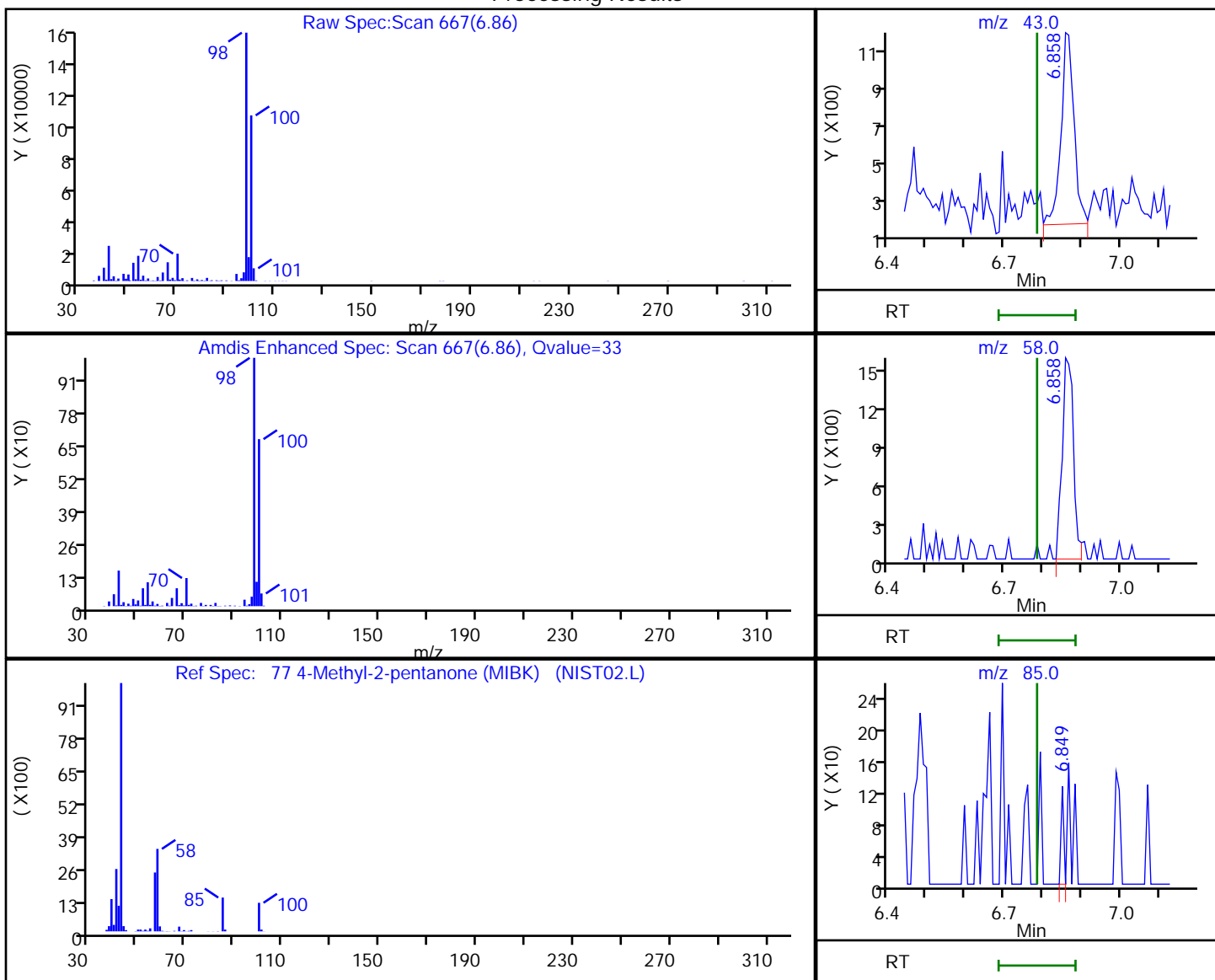
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

77 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.86	43.00	2264	1.268143
6.86	58.00	3106	
6.85	85.00	61	
6.87	100.00	216963	

Reviewer: moroneyc, 26-Aug-2020 10:09:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003750.D

Injection Date: 26-Aug-2020 09:42:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

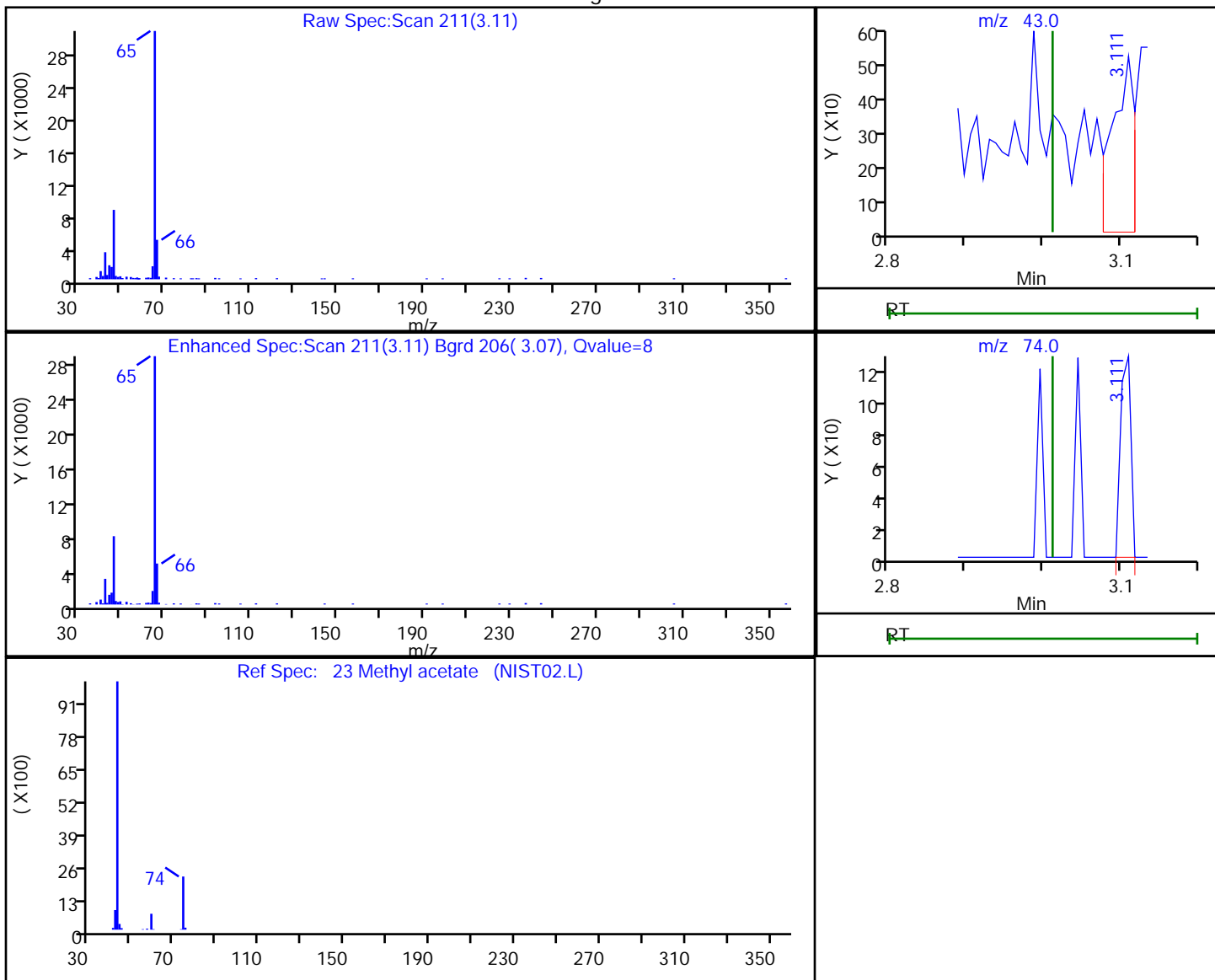
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

23 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.11	43.00	1039	0.688584
3.11	74.00	117	

Reviewer: moroneyc, 26-Aug-2020 10:09:31

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.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719790/10
 Matrix: Water Lab File ID: F003780.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 21:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719790 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719790/10
 Matrix: Water Lab File ID: F003780.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 21:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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)	99		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719790/10
 Matrix: Water Lab File ID: F003780.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 21:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719790 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\20200826-115813.b\F003780.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 26-Aug-2020 21:59:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0115813-010
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 06:17:49 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1065

First Level Reviewer: yallabg Date: 27-Aug-2020 00:19:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 27 TBA-d9 (IS)	65	3.111	3.127	-0.016	0	158215	1000.0	1000.0	
* 38 2-Butanone-d5	46	4.146	4.154	-0.008	0	162659	250.0	250.0	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	96	68281	50.0	52.2	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	85051	50.0	49.5	
* 61 Fluorobenzene	96	5.214	5.222	-0.008	98	258372	50.0	50.0	
* 67 1,4-Dioxane-d8	96	5.904	5.913	-0.009	0	15756	1000.0	1000.0	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	275394	50.0	53.1	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	181442	50.0	50.0	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	77116	50.0	50.7	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	102852	50.0	50.0	

Reagents:

VOA6IS/SURR_00039 Amount Added: 5.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003780.D

Injection Date: 26-Aug-2020 21:59:30

Instrument ID: CVOAMS6

Operator ID:

Lims ID: MB

Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL

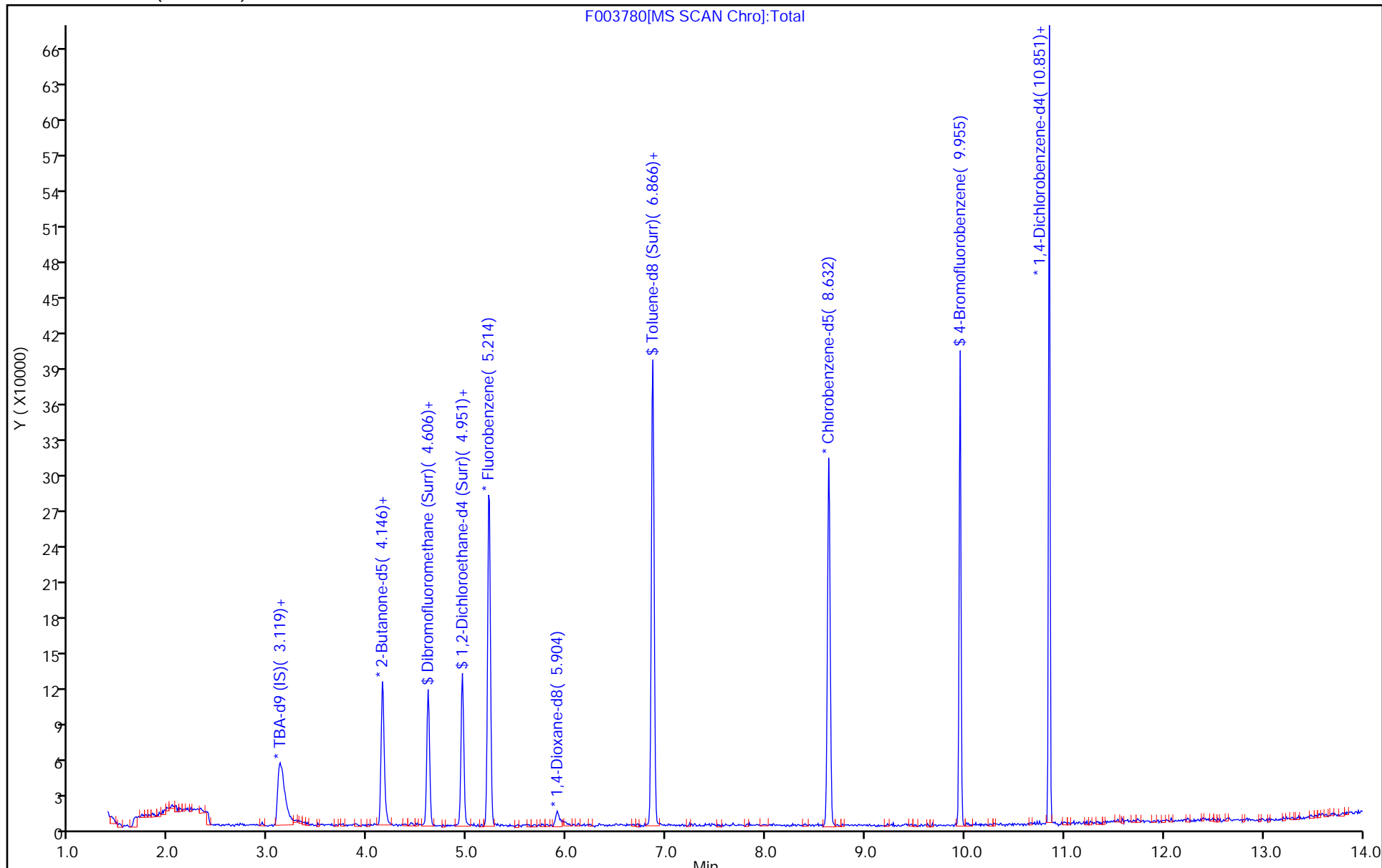
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260624W6

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



F003780[MS SCAN Chrom]:Total

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003780.D

Injection Date: 26-Aug-2020 21:59:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

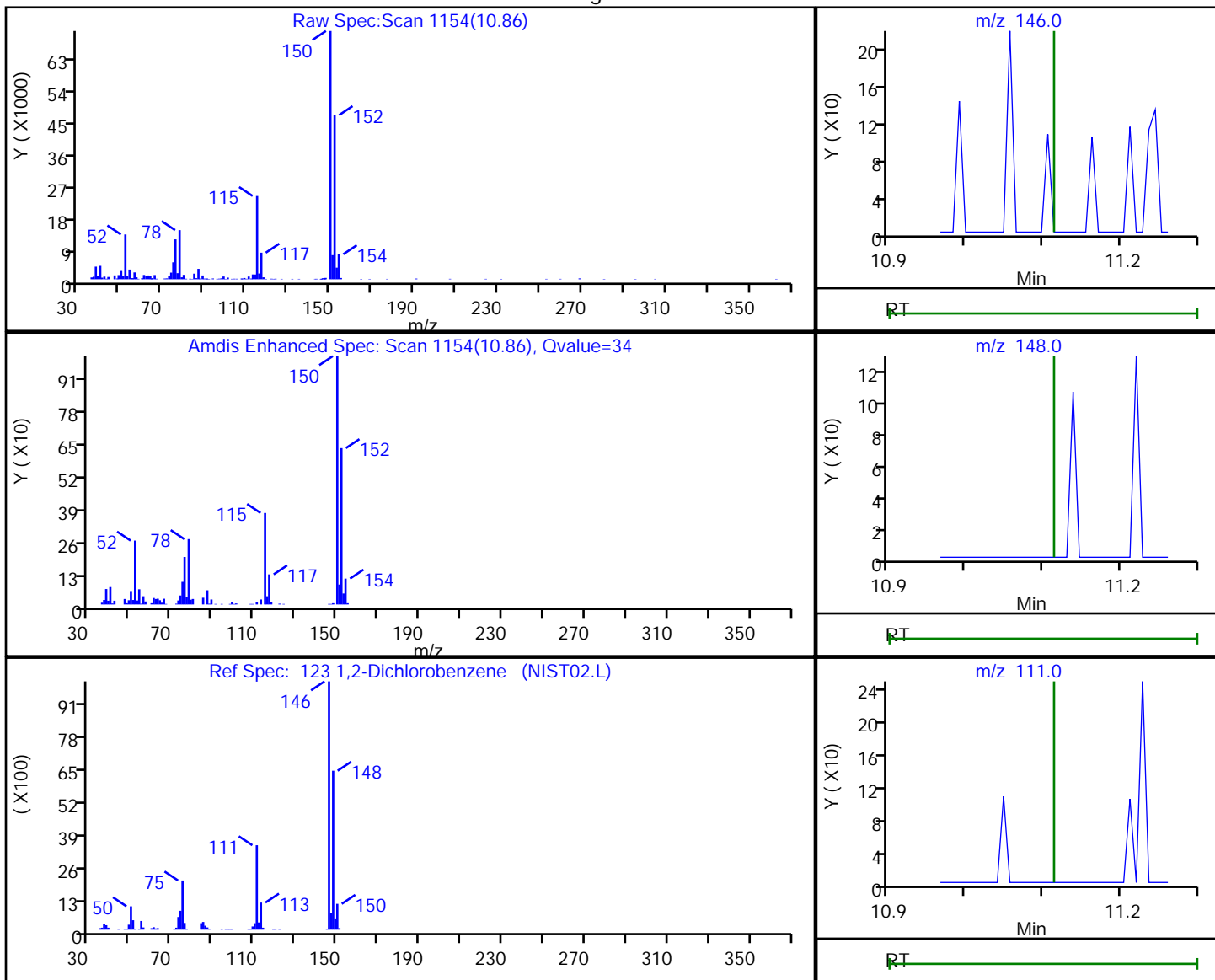
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

123 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results



RT	Mass	Response	Amount
10.86	146.00	733	0.236959
10.85	148.00	634	
10.85	111.00	1771	

Reviewer: moroneyc, 27-Aug-2020 06:12:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003780.D

Injection Date: 26-Aug-2020 21:59:30

Instrument ID: CVOAMS6

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260624W6

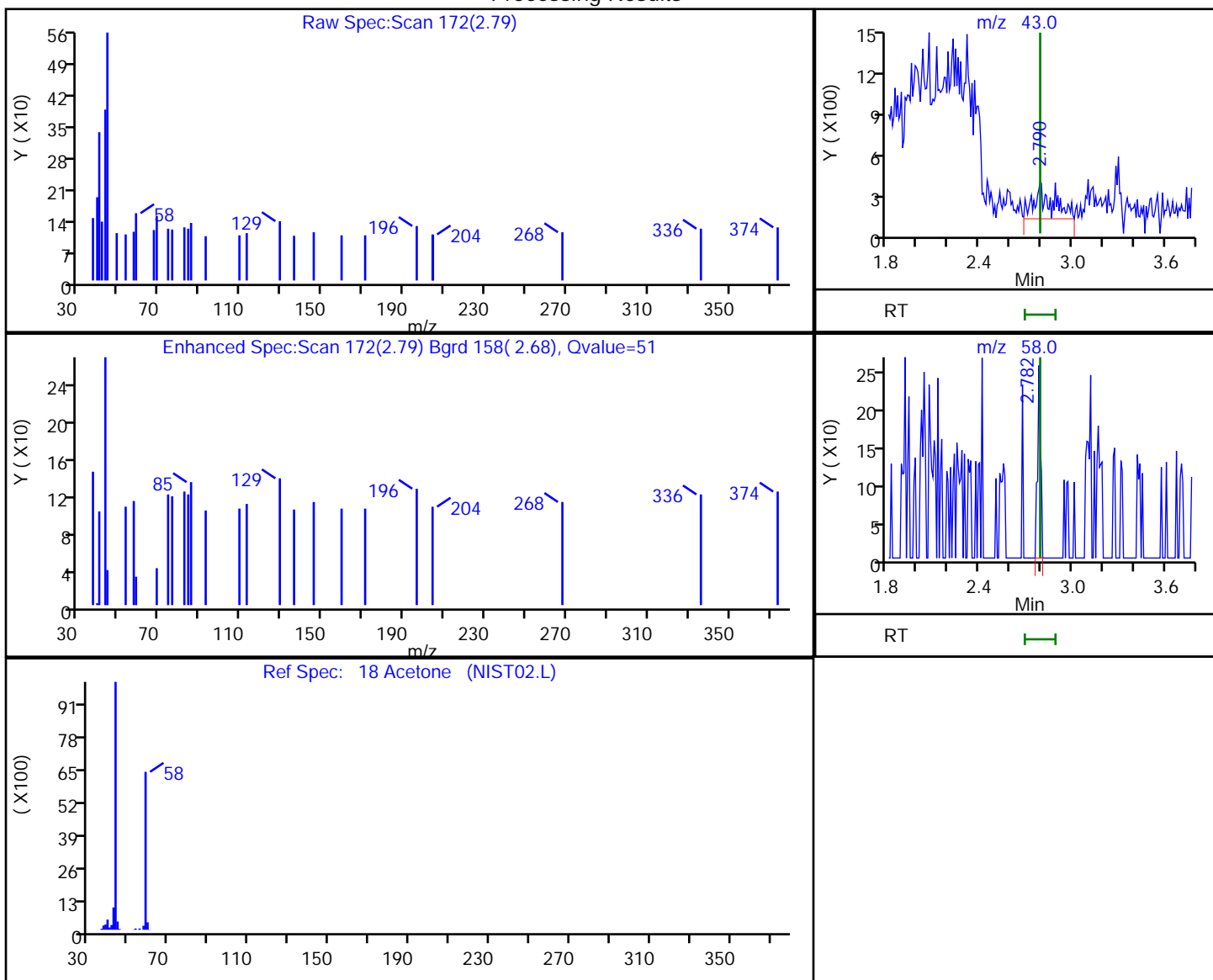
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

18 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.79	43.00	2184	5.261629
2.78	58.00	361	

Reviewer: moroneyc, 27-Aug-2020 06:11:24

Audit Action: Marked Compound Undetected

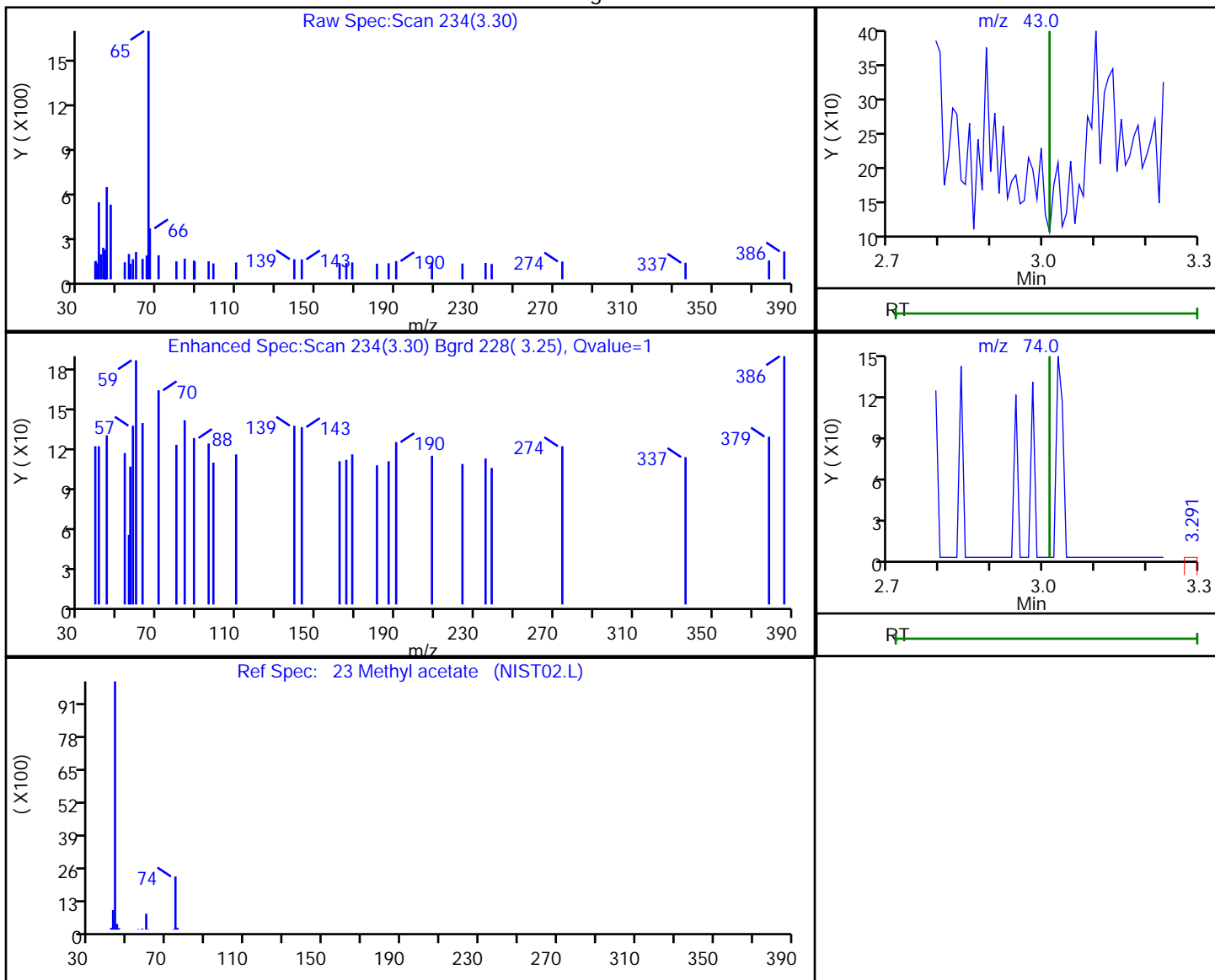
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003780.D
Injection Date: 26-Aug-2020 21:59:30 Instrument ID: CVOAMS6
Lims ID: MB
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

23 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.30	43.00	1365	1.063354
3.29	74.00	104	

Reviewer: moroneyc, 27-Aug-2020 06:11:26
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.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719629/5
 Matrix: Water Lab File ID: F003745.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 07:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.9		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.43
75-34-3	1,1-Dichloroethane	21.5		1.0	0.26
75-35-4	1,1-Dichloroethene	18.0		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.6		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	17.4		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.5		1.0	0.43
107-06-2	1,2-Dichloroethane	21.3		1.0	0.43
78-87-5	1,2-Dichloropropane	22.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.9		1.0	0.33
123-91-1	1,4-Dioxane	578		50	28
78-93-3	2-Butanone (MEK)	91.5		5.0	1.9
591-78-6	2-Hexanone	106		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	112		5.0	1.3
67-64-1	Acetone	88.5		5.0	4.4
71-43-2	Benzene	20.1		1.0	0.20
75-25-2	Bromoform	18.8		1.0	0.54
74-83-9	Bromomethane	29.8		1.0	0.55
75-15-0	Carbon disulfide	19.5		1.0	0.82
56-23-5	Carbon tetrachloride	20.8		1.0	0.21
108-90-7	Chlorobenzene	20.7		1.0	0.38
74-97-5	Chlorobromomethane	21.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.6		1.0	0.28
75-00-3	Chloroethane	25.2		1.0	0.32
67-66-3	Chloroform	22.2		1.0	0.33
74-87-3	Chloromethane	22.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.22
110-82-7	Cyclohexane	24.5		1.0	0.32
75-27-4	Dichlorobromomethane	22.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	19.6		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719629/5
 Matrix: Water Lab File ID: F003745.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 07:38
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	21.2		1.0	0.30
106-93-4	Ethylene Dibromide	18.3		1.0	0.50
98-82-8	Isopropylbenzene	22.1		1.0	0.34
79-20-9	Methyl acetate	30.5		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.4		1.0	0.47
108-87-2	Methylcyclohexane	22.9		1.0	0.26
75-09-2	Methylene Chloride	18.6		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.30
95-47-6	o-Xylene	20.8		1.0	0.36
100-42-5	Styrene	21.4		1.0	0.42
127-18-4	Tetrachloroethene	21.3		1.0	0.25
108-88-3	Toluene	22.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.1		1.0	0.49
79-01-6	Trichloroethene	19.1		1.0	0.31
75-69-4	Trichlorofluoromethane	27.9		1.0	0.32
75-01-4	Vinyl chloride	24.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003745.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Aug-2020 07:38:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0115773-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 18:38:04 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc

Date: 26-Aug-2020 08:50:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	97	52901	20.0	19.6	
2 Chloromethane	50	1.730	1.738	-0.008	99	88380	20.0	22.8	
3 Butadiene	54	1.812	1.812	0.000	97	85410	20.0	24.6	
4 Vinyl chloride	62	1.821	1.821	0.000	97	93954	20.0	24.4	
5 Bromomethane	94	2.084	2.083	0.001	98	72976	20.0	29.8	
6 Chloroethane	64	2.133	2.141	-0.008	100	61585	20.0	25.2	
7 Dichlorofluoromethane	67	2.306	2.314	-0.008	99	144136	20.0	25.2	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	60	123317	20.0	27.9	
9 Pentane	72	2.330	2.338	-0.008	98	31309	40.0	69.0	
11 Ethanol	46	2.503	2.478	0.025	67	6493	800.0	930.1	
10 Ethyl ether	59	2.503	2.503	0.000	95	28222	20.0	14.4	
12 2-Methyl-1,3-butadiene	53	2.527	2.519	0.008	98	35183	20.0	15.3	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.560	2.560	0.000	95	31388	20.0	17.5	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.610	2.609	0.001	88	52276	20.0	19.2	a
15 Acrolein	56	2.667	2.667	0.000	32	5364	40.0	43.2	
16 112TCTFE	101	2.692	2.683	0.009	95	37432	20.0	19.9	
17 1,1-Dichloroethene	96	2.725	2.716	0.009	97	33729	20.0	18.0	
18 Acetone	43	2.790	2.790	0.000	87	56601	100.0	88.5	
19 Iodomethane	142	2.864	2.864	0.000	98	59513	20.0	17.9	
20 Isopropyl alcohol	45	2.864	2.872	-0.008	40	15318	200.0	157.3	
21 Carbon disulfide	76	2.914	2.913	0.001	100	142339	20.0	19.5	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	94	72240	20.0	18.9	a
23 Methyl acetate	43	3.012	3.012	0.000	98	57331	40.0	30.5	
24 Cyclopentene	67	3.020	3.020	0.000	94	101554	20.0	20.8	a
25 Acetonitrile	41	3.061	3.070	-0.009	95	26792	200.0	131.1	a
* 27 TBA-d9 (IS)	65	3.111	3.119	-0.008	0	202652	1000.0	1000.0	
26 Methylene Chloride	84	3.135	3.135	0.000	97	43417	20.0	18.6	
28 2-Methyl-2-propanol	59	3.176	3.185	-0.009	96	47752	200.0	211.1	Ma
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	96	115024	20.0	21.4	
30 trans-1,2-Dichloroethene	96	3.300	3.300	0.000	97	39783	20.0	19.8	
31 Acrylonitrile	53	3.374	3.374	0.000	94	163693	200.0	172.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.456	3.447	0.009	92	40929	20.0	27.1	
33 Isopropyl ether	45	3.661	3.653	0.008	91	128206	20.0	22.2	
34 1,1-Dichloroethane	63	3.678	3.686	-0.008	99	75327	20.0	21.5	
35 Vinyl acetate	86	3.702	3.702	0.000	99	20946	40.0	47.1	
36 2-Chloro-1,3-butadiene	88	3.727	3.727	0.000	95	38676	20.0	21.9	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	89	128772	20.0	23.2	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	250669	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.171	0.008	93	15861	20.0	24.9	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	94	46342	20.0	20.5	
42 2-Butanone (MEK)	72	4.204	4.203	0.001	97	26917	100.0	91.5	
41 Ethyl acetate	70	4.204	4.212	-0.008	94	10048	40.0	41.8	
43 Methyl acrylate	55	4.261	4.261	0.000	99	38898	20.0	17.2	
44 Propionitrile	54	4.327	4.335	-0.008	97	54637	200.0	176.8	
45 Chlorobromomethane	128	4.401	4.409	-0.008	95	22081	20.0	21.2	
46 Tetrahydrofuran	72	4.409	4.409	0.000	64	12525	40.0	35.0	
47 Methacrylonitrile	67	4.434	4.434	0.000	91	196436	200.0	189.4	
48 Chloroform	83	4.458	4.458	0.000	96	75554	20.0	22.2	
49 Cyclohexane	84	4.590	4.590	0.000	91	79906	20.0	24.5	
50 1,1,1-Trichloroethane	97	4.598	4.598	0.000	73	68095	20.0	22.3	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	94	99375	50.0	51.9	
52 Carbon tetrachloride	117	4.713	4.721	-0.008	94	52201	20.0	20.8	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	93	57254	20.0	21.5	
54 Isobutyl alcohol	43	4.869	4.869	0.000	95	38783	500.0	608.1	
55 Benzene	78	4.943	4.935	0.008	97	168427	20.0	20.1	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	125947	50.0	50.1	
57 Isopropyl acetate	43	5.001	4.992	0.009	93	141801	20.0	21.7	
58 Tert-amyl methyl ether	73	5.001	5.000	0.001	89	132824	20.0	21.9	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	97	59316	20.0	21.3	
60 n-Heptane	57	5.091	5.091	0.000	89	35212	20.0	27.5	
* 61 Fluorobenzene	96	5.223	5.222	0.000	99	378344	50.0	50.0	
62 n-Butanol	56	5.510	5.510	0.000	91	22829	500.0	372.6	
63 Trichloroethene	95	5.568	5.567	0.001	95	38450	20.0	19.1	
64 Ethyl acrylate	55	5.691	5.691	0.000	98	115258	20.0	20.7	
65 Methylcyclohexane	83	5.691	5.691	0.000	82	81174	20.0	22.9	
66 1,2-Dichloropropane	63	5.847	5.847	0.000	87	46693	20.0	22.5	
* 67 1,4-Dioxane-d8	96	5.913	5.904	0.009	0	20899	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	87	22857	40.0	36.2	
71 1,4-Dioxane	88	5.962	5.962	0.000	34	10346	400.0	578.4	
69 Dibromomethane	93	5.978	5.978	0.000	95	27390	20.0	19.2	
70 n-Propyl acetate	43	5.987	5.978	0.009	97	64946	20.0	20.2	
72 Dichlorobromomethane	83	6.126	6.126	0.000	98	57446	20.0	22.0	
73 2-Chloroethyl vinyl ether	63	6.463	6.455	0.008	68	26486	20.0	19.3	
74 2-Nitropropane	41	6.455	6.455	0.000	88	34687	40.0	44.2	
75 Epichlorohydrin	57	6.562	6.562	0.000	100	85067	400.0	363.3	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	97	71743	20.0	20.2	
77 4-Methyl-2-pentanone (MIBK)	43	6.784	6.784	0.000	97	256283	100.0	112.5	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	99	450379	50.0	53.8	
79 Toluene	91	6.940	6.940	0.000	93	199437	20.0	22.1	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	97	68499	20.0	21.1	
81 Ethyl methacrylate	69	7.318	7.318	0.000	90	65416	20.0	19.9	
82 1,1,2-Trichloroethane	83	7.499	7.498	0.001	94	31940	20.0	20.4	
83 Tetrachloroethene	166	7.548	7.540	0.008	93	40068	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.704	7.704	0.000	94	65139	20.0	20.1	
85 2-Hexanone	43	7.778	7.778	0.000	96	161153	100.0	106.3	
86 n-Butyl acetate	43	7.893	7.893	0.000	99	76298	20.0	20.3	
87 Chlorodibromomethane	129	7.934	7.934	0.000	96	39656	20.0	19.6	
88 Ethylene Dibromide	107	8.090	8.090	0.000	99	36246	20.0	18.3	
* 89 Chlorobenzene-d5	117	8.633	8.632	0.001	88	292989	50.0	50.0	
90 Chlorobenzene	112	8.674	8.673	0.001	93	115987	20.0	20.7	
91 Ethylbenzene	106	8.780	8.780	0.000	99	67056	20.0	21.2	
92 1,1,1,2-Tetrachloroethane	131	8.789	8.788	0.001	93	44071	20.0	21.3	
93 m-Xylene & p-Xylene	106	8.937	8.936	0.001	0	81525	20.0	21.0	
94 n-Butyl acrylate	73	9.405	9.405	0.000	98	44190	20.0	21.3	
95 o-Xylene	106	9.413	9.413	0.000	93	84428	20.0	20.8	
96 Styrene	104	9.438	9.438	0.000	96	138920	20.0	21.4	
97 Amyl acetate (mixed isomers)	43	9.643	9.635	0.008	91	104001	20.0	19.0	
98 Bromoform	173	9.643	9.643	0.000	95	27605	20.0	18.8	
99 Isopropylbenzene	105	9.775	9.775	0.001	97	219658	20.0	22.1	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	123806	50.0	50.4	
101 Bromobenzene	156	10.070	10.070	0.000	94	47924	20.0	17.8	
102 1,1,2,2-Tetrachloroethane	83	10.112	10.111	0.001	98	57484	20.0	18.2	
103 N-Propylbenzene	91	10.136	10.136	0.000	99	274520	20.0	19.6	
104 1,2,3-Trichloropropane	110	10.153	10.152	0.001	97	17584	20.0	16.6	
105 trans-1,4-Dichloro-2-butene	53	10.177	10.169	0.008	86	18260	20.0	19.4	a
106 2-Chlorotoluene	91	10.227	10.226	0.001	97	185400	20.0	19.6	
107 4-Ethyltoluene	105	10.235	10.235	0.000	98	230045	20.0	20.1	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	93	194150	20.0	20.6	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	173498	20.0	20.5	
110 Butyl Methacrylate	87	10.383	10.383	0.000	92	80453	20.0	20.0	
111 tert-Butylbenzene	119	10.531	10.530	0.001	94	155283	20.0	20.5	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	98	205999	20.0	20.4	
113 sec-Butylbenzene	105	10.695	10.695	0.000	98	249185	20.0	20.5	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	93	107312	20.0	20.1	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	97	216181	20.0	20.5	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	178109	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.868	10.867	0.001	94	109901	20.0	20.9	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	98	209909	20.0	20.0	
119 Benzyl chloride	91	10.966	10.966	0.000	98	147301	20.0	23.9	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	215874	20.0	20.8	
121 p-Diethylbenzene	119	11.057	11.056	0.000	92	123749	20.0	22.3	
122 n-Butylbenzene	92	11.073	11.073	0.000	98	128344	20.0	22.6	
123 1,2-Dichlorobenzene	146	11.114	11.114	0.000	94	114958	20.0	21.5	
124 1,2,4,5-Tetramethylbenzene	119	11.533	11.533	0.000	97	217906	20.0	20.3	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.607	0.000	94	13619	20.0	17.4	
126 1,3,5-Trichlorobenzene	180	11.689	11.689	0.000	95	83519	20.0	19.9	
127 1,2,4-Trichlorobenzene	180	12.075	12.075	0.000	93	80885	20.0	19.4	
128 Hexachlorobutadiene	225	12.149	12.141	0.008	93	28396	20.0	17.9	
129 Naphthalene	128	12.248	12.248	0.000	99	222412	20.0	19.1	
130 1,2,3-Trichlorobenzene	180	12.404	12.404	0.000	95	76376	20.0	19.6	
S 131 1,2-Dichloroethene, Total	100				0		40.0	40.3	
S 132 Xylenes, Total	100				0		40.0	41.9	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719790/4
 Matrix: Water Lab File ID: F003774.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 19:31
 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.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20.5		1.0	0.31
79-00-5	1,1,2-Trichloroethane	21.4		1.0	0.43
75-34-3	1,1-Dichloroethane	21.0		1.0	0.26
75-35-4	1,1-Dichloroethene	18.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.3		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.2		1.0	0.43
107-06-2	1,2-Dichloroethane	21.1		1.0	0.43
78-87-5	1,2-Dichloropropane	20.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	20.4		1.0	0.33
123-91-1	1,4-Dioxane	576		50	28
78-93-3	2-Butanone (MEK)	103		5.0	1.9
591-78-6	2-Hexanone	100		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	105		5.0	1.3
67-64-1	Acetone	101		5.0	4.4
71-43-2	Benzene	20.4		1.0	0.20
75-25-2	Bromoform	16.4		1.0	0.54
74-83-9	Bromomethane	38.3		1.0	0.55
75-15-0	Carbon disulfide	20.3		1.0	0.82
56-23-5	Carbon tetrachloride	19.3		1.0	0.21
108-90-7	Chlorobenzene	19.8		1.0	0.38
74-97-5	Chlorobromomethane	20.7		1.0	0.41
124-48-1	Chlorodibromomethane	18.1		1.0	0.28
75-00-3	Chloroethane	32.7		1.0	0.32
67-66-3	Chloroform	21.0		1.0	0.33
74-87-3	Chloromethane	31.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.22
110-82-7	Cyclohexane	22.6		1.0	0.32
75-27-4	Dichlorobromomethane	20.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.7		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719790/4
 Matrix: Water Lab File ID: F003774.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 19:31
 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.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.8		1.0	0.30
106-93-4	Ethylene Dibromide	19.1		1.0	0.50
98-82-8	Isopropylbenzene	20.8		1.0	0.34
79-20-9	Methyl acetate	31.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.47
108-87-2	Methylcyclohexane	21.8		1.0	0.26
75-09-2	Methylene Chloride	19.1		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.0		1.0	0.30
95-47-6	o-Xylene	20.0		1.0	0.36
100-42-5	Styrene	20.2		1.0	0.42
127-18-4	Tetrachloroethene	21.0		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.3		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.5		1.0	0.49
79-01-6	Trichloroethene	19.3		1.0	0.31
75-69-4	Trichlorofluoromethane	33.8		1.0	0.32
75-01-4	Vinyl chloride	31.4		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003774.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 26-Aug-2020 19:31:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0115813-004
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:36:23 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: yallabg

Date: 26-Aug-2020 20:21:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.566	1.566	0.000	99	48056	20.0	21.7	
2 Chloromethane	50	1.738	1.738	0.000	99	98970	20.0	31.3	
3 Butadiene	54	1.812	1.812	0.000	98	89430	20.0	31.5	
4 Vinyl chloride	62	1.821	1.821	0.000	98	99244	20.0	31.4	
5 Bromomethane	94	2.083	2.083	0.000	99	76875	20.0	38.3	
6 Chloroethane	64	2.133	2.133	0.000	100	65172	20.0	32.7	
7 Dichlorofluoromethane	67	2.314	2.314	0.000	99	153551	20.0	32.8	
8 Trichlorofluoromethane	101	2.330	2.330	0.000	61	122310	20.0	33.8	
9 Pentane	72	2.330	2.330	0.000	97	28205	40.0	77.9	
11 Ethanol	46	2.511	2.511	0.000	71	7151	800.0	1279.1	
10 Ethyl ether	59	2.503	2.503	0.000	96	23494	20.0	14.7	
12 2-Methyl-1,3-butadiene	53	2.527	2.527	0.000	98	28984	20.0	15.4	
15 Acrolein	56	2.675	2.675	0.000	33	3341	40.0	33.7	
16 112TCTFE	101	2.683	2.683	0.000	93	31529	20.0	20.5	
17 1,1-Dichloroethene	96	2.724	2.724	0.000	96	28691	20.0	18.7	
18 Acetone	43	2.790	2.790	0.000	86	50725	100.0	101.1	
20 Isopropyl alcohol	45	2.864	2.864	0.000	36	14694	200.0	189.2	
19 Iodomethane	142	2.872	2.872	0.000	98	50534	20.0	18.6	
21 Carbon disulfide	76	2.913	2.913	0.000	100	120826	20.0	20.3	
22 3-Chloro-1-propene	41	3.004	3.004	0.000	86	51149	20.0	16.4	
23 Methyl acetate	43	3.012	3.012	0.000	96	47740	40.0	31.0	
24 Cyclopentene	67	3.028	3.028	0.000	93	83630	20.0	21.0	
25 Acetonitrile	41	3.078	3.078	0.000	23	55766	200.0	342.0	Ma
* 27 TBA-d9 (IS)	65	3.127	3.127	0.000	0	161687	1000.0	1000.0	
26 Methylene Chloride	84	3.135	3.135	0.000	94	36552	20.0	19.1	
28 2-Methyl-2-propanol	59	3.185	3.185	0.000	91	39250	200.0	217.4	a
29 Methyl tert-butyl ether	73	3.283	3.283	0.000	97	90799	20.0	20.6	
30 trans-1,2-Dichloroethene	96	3.300	3.300	0.000	94	33459	20.0	20.3	
31 Acrylonitrile	53	3.374	3.374	0.000	94	140078	200.0	180.4	
32 Hexane	43	3.456	3.456	0.000	90	25740	20.0	20.8	
33 Isopropyl ether	45	3.653	3.653	0.000	92	98802	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.686	3.686	0.000	99	60107	20.0	21.0	
35 Vinyl acetate	86	3.702	3.702	0.000	99	17987	40.0	49.4	
36 2-Chloro-1,3-butadiene	88	3.727	3.727	0.000	94	30256	20.0	21.0	
37 Tert-butyl ethyl ether	59	3.965	3.965	0.000	88	96867	20.0	21.3	
* 38 2-Butanone-d5	46	4.154	4.154	0.000	0	196707	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.179	0.000	72	12008	20.0	23.1	
40 cis-1,2-Dichloroethene	96	4.187	4.187	0.000	93	35898	20.0	19.4	
42 2-Butanone (MEK)	72	4.203	4.203	0.000	96	23682	100.0	102.6	
41 Ethyl acetate	70	4.212	4.212	0.000	93	8063	40.0	42.7	
43 Methyl acrylate	55	4.261	4.261	0.000	98	31444	20.0	17.7	
44 Propionitrile	54	4.335	4.335	0.000	96	55362	200.0	224.5	
45 Chlorobromomethane	128	4.409	4.409	0.000	91	17702	20.0	20.7	
46 Tetrahydrofuran	72	4.409	4.409	0.000	59	11074	40.0	39.5	
47 Methacrylonitrile	67	4.433	4.433	0.000	91	166646	200.0	196.4	
48 Chloroform	83	4.450	4.450	0.000	97	58486	20.0	21.0	
49 Cyclohexane	84	4.590	4.590	0.000	89	60372	20.0	22.6	
50 1,1,1-Trichloroethane	97	4.606	4.606	0.000	75	50607	20.0	20.3	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	80578	50.0	51.4	
52 Carbon tetrachloride	117	4.721	4.721	0.000	93	39545	20.0	19.3	
53 1,1-Dichloropropene	75	4.746	4.746	0.000	94	45753	20.0	21.0	
54 Isobutyl alcohol	43	4.861	4.861	0.000	95	19569	500.0	384.6	
55 Benzene	78	4.943	4.943	0.000	97	134073	20.0	20.4	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	101078	50.0	49.1	
57 Isopropyl acetate	43	5.000	5.000	0.000	95	108545	20.0	20.3	
58 Tert-amyl methyl ether	73	5.000	5.000	0.000	92	102696	20.0	20.7	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	96	47996	20.0	21.1	
60 n-Heptane	57	5.091	5.091	0.000	87	26934	20.0	25.7	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	309564	50.0	50.0	
62 n-Butanol	56	5.518	5.518	0.000	88	23175	500.0	474.1	
63 Trichloroethene	95	5.567	5.567	0.000	97	31784	20.0	19.3	
64 Ethyl acrylate	55	5.691	5.691	0.000	97	89098	20.0	19.5	
65 Methylcyclohexane	83	5.691	5.691	0.000	81	63352	20.0	21.8	
66 1,2-Dichloropropane	63	5.855	5.855	0.000	86	34880	20.0	20.5	
* 67 1,4-Dioxane-d8	96	5.913	5.913	0.000	0	14368	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	82	19092	40.0	37.0	
71 1,4-Dioxane	88	5.970	5.970	0.000	31	7084	400.0	576.1	
69 Dibromomethane	93	5.978	5.978	0.000	92	22538	20.0	19.3	
70 n-Propyl acetate	43	5.986	5.986	0.000	99	48194	20.0	18.3	
72 Dichlorobromomethane	83	6.126	6.126	0.000	98	43117	20.0	20.2	
74 2-Nitropropane	41	6.463	6.463	0.000	87	25372	40.0	39.5	
73 2-Chloroethyl vinyl ether	63	6.463	6.463	0.000	70	20679	20.0	18.4	
75 Epichlorohydrin	57	6.562	6.562	0.000	99	73718	400.0	401.2	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	96	56400	20.0	20.2	
77 4-Methyl-2-pentanone (MIBK)	43	6.784	6.784	0.000	96	187858	100.0	105.1	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	349110	50.0	53.2	
79 Toluene	91	6.940	6.940	0.000	93	149924	20.0	21.2	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	96	49582	20.0	19.5	
81 Ethyl methacrylate	69	7.318	7.318	0.000	89	49498	20.0	19.2	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	92	26279	20.0	21.4	
83 Tetrachloroethene	166	7.539	7.539	0.000	92	30910	20.0	21.0	
84 1,3-Dichloropropane	76	7.704	7.704	0.000	93	53163	20.0	20.9	
85 2-Hexanone	43	7.778	7.778	0.000	96	119342	100.0	100.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	7.893	7.893	0.000	97	56890	20.0	19.4	
87 Chlorodibromomethane	129	7.934	7.934	0.000	97	28613	20.0	18.1	
88 Ethylene Dibromide	107	8.090	8.090	0.000	99	29558	20.0	19.1	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	88	229677	50.0	50.0	
90 Chlorobenzene	112	8.673	8.673	0.000	93	87211	20.0	19.8	
91 Ethylbenzene	106	8.780	8.780	0.000	99	51456	20.0	20.8	
92 1,1,1,2-Tetrachloroethane	131	8.797	8.797	0.000	94	31341	20.0	19.3	
93 m-Xylene & p-Xylene	106	8.936	8.936	0.000	0	60712	20.0	20.0	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	30610	20.0	18.8	
95 o-Xylene	106	9.413	9.413	0.000	95	63555	20.0	20.0	
96 Styrene	104	9.438	9.438	0.000	95	102957	20.0	20.2	
97 Amyl acetate (mixed isomers)	43	9.643	9.643	0.000	92	73763	20.0	18.1	
98 Bromoform	173	9.651	9.651	0.000	93	18958	20.0	16.4	
99 Isopropylbenzene	105	9.774	9.774	0.000	96	161838	20.0	20.8	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	92959	50.0	48.2	
101 Bromobenzene	156	10.070	10.070	0.000	94	35109	20.0	17.5	
102 1,1,2,2-Tetrachloroethane	83	10.111	10.111	0.000	98	44899	20.0	19.1	
103 N-Propylbenzene	91	10.136	10.136	0.000	99	207125	20.0	19.9	
104 1,2,3-Trichloropropane	110	10.152	10.152	0.000	96	13108	20.0	16.7	
105 trans-1,4-Dichloro-2-butene	53	10.169	10.169	0.000	75	12663	20.0	18.0	
106 2-Chlorotoluene	91	10.226	10.226	0.000	98	134129	20.0	19.1	
107 4-Ethyltoluene	105	10.235	10.235	0.000	99	165579	20.0	19.5	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	92	137016	20.0	19.5	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	125462	20.0	19.9	
110 Butyl Methacrylate	87	10.383	10.383	0.000	94	56950	20.0	19.0	
111 tert-Butylbenzene	119	10.530	10.530	0.000	94	111328	20.0	19.7	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	98	145274	20.0	19.3	
113 sec-Butylbenzene	105	10.695	10.695	0.000	99	180541	20.0	20.0	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	71	78183	20.0	19.7	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	97	150835	20.0	19.2	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	132623	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	94	79815	20.0	20.4	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	99	150778	20.0	19.3	
119 Benzyl chloride	91	10.966	10.966	0.000	98	98613	20.0	21.5	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	155763	20.0	20.2	
121 p-Diethylbenzene	119	11.056	11.056	0.000	92	84749	20.0	20.5	
122 n-Butylbenzene	92	11.073	11.073	0.000	97	89567	20.0	21.2	
123 1,2-Dichlorobenzene	146	11.114	11.114	0.000	93	80589	20.0	20.2	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.541	0.000	98	146668	20.0	18.3	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.607	0.000	88	9380	20.0	16.1	
126 1,3,5-Trichlorobenzene	180	11.689	11.689	0.000	95	59080	20.0	18.9	
127 1,2,4-Trichlorobenzene	180	12.083	12.083	0.000	93	57089	20.0	18.3	
128 Hexachlorobutadiene	225	12.149	12.149	0.000	90	19889	20.0	16.8	
129 Naphthalene	128	12.248	12.248	0.000	98	156862	20.0	18.1	
130 1,2,3-Trichlorobenzene	180	12.404	12.404	0.000	94	54126	20.0	18.7	
S 131 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 132 Xylenes, Total	100				0		40.0	40.0	

QC Flag Legend

Review Flags

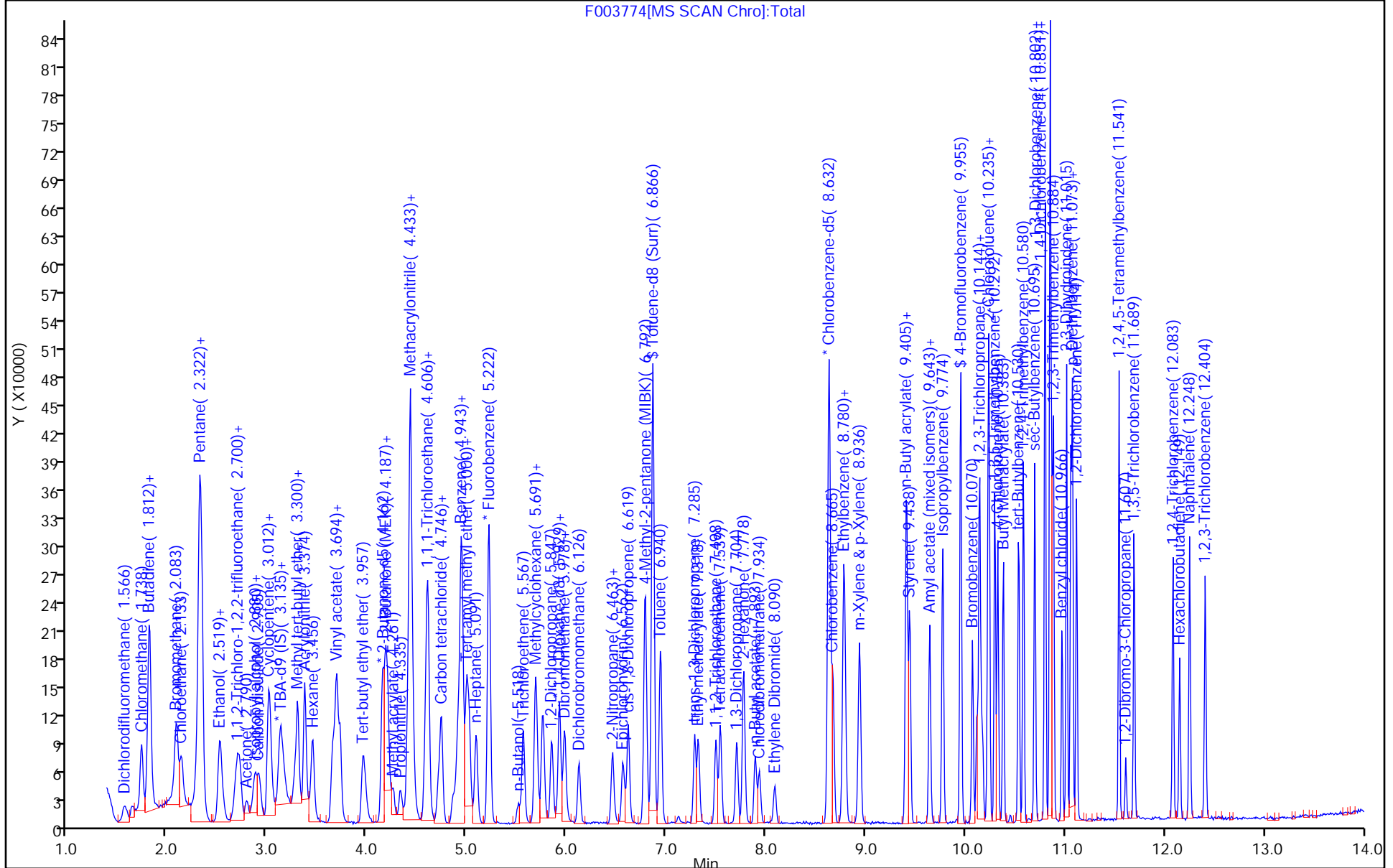
M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent

F003774[MS SCAN Chrom]:Total



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719629/6
 Matrix: Water Lab File ID: F003746.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 08:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.9		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	16.1		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.43
75-34-3	1,1-Dichloroethane	19.1		1.0	0.26
75-35-4	1,1-Dichloroethene	17.2		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	16.2		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	16.5		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.6		1.0	0.38
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.43
107-06-2	1,2-Dichloroethane	18.6		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
541-73-1	1,3-Dichlorobenzene	17.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	18.6		1.0	0.33
123-91-1	1,4-Dioxane	549		50	28
78-93-3	2-Butanone (MEK)	90.7		5.0	1.9
591-78-6	2-Hexanone	111		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	118		5.0	1.3
67-64-1	Acetone	83.1		5.0	4.4
71-43-2	Benzene	17.4		1.0	0.20
75-25-2	Bromoform	15.8		1.0	0.54
74-83-9	Bromomethane	28.7		1.0	0.55
75-15-0	Carbon disulfide	18.1		1.0	0.82
56-23-5	Carbon tetrachloride	18.0		1.0	0.21
108-90-7	Chlorobenzene	19.0		1.0	0.38
74-97-5	Chlorobromomethane	18.1		1.0	0.41
124-48-1	Chlorodibromomethane	17.6		1.0	0.28
75-00-3	Chloroethane	24.3		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	22.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	17.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.22
110-82-7	Cyclohexane	21.8		1.0	0.32
75-27-4	Dichlorobromomethane	19.2		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.8		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719629/6
 Matrix: Water Lab File ID: F003746.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 08:03
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 719629 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	19.1		1.0	0.30
106-93-4	Ethylene Dibromide	16.8		1.0	0.50
98-82-8	Isopropylbenzene	19.6		1.0	0.34
79-20-9	Methyl acetate	29.0		5.0	0.79
1634-04-4	Methyl tert-butyl ether	18.2		1.0	0.47
108-87-2	Methylcyclohexane	21.0		1.0	0.26
75-09-2	Methylene Chloride	17.3		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	19.4		1.0	0.30
95-47-6	o-Xylene	18.5		1.0	0.36
100-42-5	Styrene	19.2		1.0	0.42
127-18-4	Tetrachloroethene	18.9		1.0	0.25
108-88-3	Toluene	19.9		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.49
79-01-6	Trichloroethene	18.2		1.0	0.31
75-69-4	Trichlorofluoromethane	27.0		1.0	0.32
75-01-4	Vinyl chloride	23.6		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\F003746.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 26-Aug-2020 08:03:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0115773-006
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115773.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 26-Aug-2020 18:38:04 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1022

First Level Reviewer: moroneyc Date: 26-Aug-2020 08:51:31

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.566	-0.008	74	49579	20.0	17.8	
2 Chloromethane	50	1.730	1.738	-0.008	99	89452	20.0	22.4	
3 Butadiene	54	1.812	1.812	0.000	98	85901	20.0	24.0	
4 Vinyl chloride	62	1.812	1.821	-0.009	98	93682	20.0	23.6	
5 Bromomethane	94	2.084	2.083	0.001	98	72522	20.0	28.7	
6 Chloroethane	64	2.133	2.141	-0.008	100	61030	20.0	24.3	
7 Dichlorofluoromethane	67	2.305	2.314	-0.009	99	141723	20.0	24.0	
8 Trichlorofluoromethane	101	2.322	2.330	-0.008	98	123232	20.0	27.0	
9 Pentane	72	2.330	2.338	-0.008	96	29326	40.0	66.3	
11 Ethanol	46	2.461	2.478	-0.017	67	5556	800.0	818.0	
10 Ethyl ether	59	2.494	2.503	-0.009	93	28007	20.0	13.9	
12 2-Methyl-1,3-butadiene	53	2.527	2.519	0.008	93	32583	20.0	13.7	
13 1,2-Dichloro-1,1,2-trifluoroethane	117	2.552	2.560	-0.008	75	27727	20.0	15.0	
14 1,1,1-Trifluoro-2,2-dichloroethane	83	2.609	2.609	0.000	94	52507	20.0	18.7	a
15 Acrolein	56	2.659	2.667	-0.008	50	4702	40.0	38.9	M
16 112TCTFE	101	2.683	2.683	0.000	95	35623	20.0	18.3	
17 1,1-Dichloroethene	96	2.716	2.716	0.000	95	33394	20.0	17.2	
18 Acetone	43	2.782	2.790	-0.008	85	46815	100.0	83.1	
19 Iodomethane	142	2.864	2.864	0.000	97	56969	20.0	16.7	
20 Isopropyl alcohol	45	2.872	2.872	0.000	55	14107	200.0	148.7	
21 Carbon disulfide	76	2.913	2.913	0.000	100	136359	20.0	18.1	
22 3-Chloro-1-propene	41	2.996	3.004	-0.008	87	62177	20.0	15.8	
23 Methyl acetate	43	3.012	3.012	0.000	99	56153	40.0	29.0	
24 Cyclopentene	67	3.020	3.020	0.000	92	93928	20.0	18.7	
25 Acetonitrile	41	3.070	3.070	0.000	54	44431	200.0	223.2	a
* 27 TBA-d9 (IS)	65	3.127	3.119	0.008	0	197421	1000.0	1000.0	
26 Methylene Chloride	84	3.127	3.135	-0.008	95	41816	20.0	17.3	
28 2-Methyl-2-propanol	59	3.185	3.185	0.000	91	42201	200.0	191.5	Ma
29 Methyl tert-butyl ether	73	3.275	3.283	-0.008	97	101214	20.0	18.2	
30 trans-1,2-Dichloroethene	96	3.300	3.300	0.000	98	36933	20.0	17.8	
31 Acrylonitrile	53	3.365	3.374	-0.009	93	150391	200.0	153.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	43	3.448	3.447	0.001	90	35931	20.0	23.1	
33 Isopropyl ether	45	3.653	3.653	0.000	91	117181	20.0	19.7	
34 1,1-Dichloroethane	63	3.678	3.686	-0.008	99	68932	20.0	19.1	
35 Vinyl acetate	86	3.694	3.702	-0.008	99	18543	40.0	40.4	
36 2-Chloro-1,3-butadiene	88	3.727	3.727	0.000	94	35722	20.0	19.6	
37 Tert-butyl ethyl ether	59	3.957	3.965	-0.008	91	108395	20.0	19.0	
* 38 2-Butanone-d5	46	4.146	4.154	-0.008	0	220766	250.0	250.0	
39 2,2-Dichloropropane	97	4.179	4.171	0.008	92	14671	20.0	22.4	
40 cis-1,2-Dichloroethene	96	4.179	4.187	-0.008	92	40809	20.0	17.5	
42 2-Butanone (MEK)	72	4.203	4.203	0.000	96	23487	100.0	90.7	
41 Ethyl acetate	70	4.212	4.212	0.000	93	8997	40.0	42.5	
43 Methyl acrylate	55	4.253	4.261	-0.008	99	35373	20.0	14.9	
44 Propionitrile	54	4.335	4.335	0.000	97	51701	200.0	171.7	
45 Chlorobromomethane	128	4.401	4.409	-0.008	92	19459	20.0	18.1	
46 Tetrahydrofuran	72	4.401	4.409	-0.008	67	11221	40.0	35.6	
47 Methacrylonitrile	67	4.425	4.434	-0.009	95	176538	200.0	165.1	
48 Chloroform	83	4.450	4.458	-0.008	97	69704	20.0	19.9	
49 Cyclohexane	84	4.590	4.590	0.000	90	73365	20.0	21.8	
50 1,1,1-Trichloroethane	97	4.598	4.598	0.000	68	59563	20.0	18.9	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	98991	50.0	50.1	
52 Carbon tetrachloride	117	4.721	4.721	0.000	94	46639	20.0	18.0	
53 1,1-Dichloropropene	75	4.738	4.746	-0.008	92	51995	20.0	18.9	
54 Isobutyl alcohol	43	4.861	4.869	-0.008	98	30268	500.0	487.2	
55 Benzene	78	4.935	4.935	0.000	97	152320	20.0	17.4	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	130935	50.0	50.5	
57 Isopropyl acetate	43	4.992	4.992	0.000	95	122120	20.0	18.1	
58 Tert-amyl methyl ether	73	5.001	5.000	0.000	90	117580	20.0	18.8	
59 1,2-Dichloroethane	62	5.025	5.025	0.000	97	53302	20.0	18.6	
60 n-Heptane	57	5.091	5.091	0.000	91	31267	20.0	23.7	
* 61 Fluorobenzene	96	5.222	5.222	0.000	98	390129	50.0	50.0	
62 n-Butanol	56	5.510	5.510	0.000	92	22254	500.0	372.8	
63 Trichloroethene	95	5.559	5.567	-0.008	96	37709	20.0	18.2	
64 Ethyl acrylate	55	5.691	5.691	0.000	94	102306	20.0	17.8	
65 Methylcyclohexane	83	5.691	5.691	0.000	82	76849	20.0	21.0	
66 1,2-Dichloropropane	63	5.847	5.847	0.000	85	41128	20.0	19.2	
* 67 1,4-Dioxane-d8	96	5.904	5.904	0.000	0	20413	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	86	22035	40.0	33.9	
71 1,4-Dioxane	88	5.962	5.962	0.000	33	9584	400.0	548.6	
69 Dibromomethane	93	5.978	5.978	0.000	92	26978	20.0	18.3	
70 n-Propyl acetate	43	5.978	5.978	0.000	98	62829	20.0	19.0	
72 Dichlorobromomethane	83	6.126	6.126	0.000	97	51700	20.0	19.2	
73 2-Chloroethyl vinyl ether	63	6.463	6.455	0.008	68	24904	20.0	17.6	
74 2-Nitropropane	41	6.455	6.455	0.000	87	31909	40.0	39.4	
75 Epichlorohydrin	57	6.562	6.562	0.000	99	77540	400.0	376.0	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	98	67001	20.0	18.0	
77 4-Methyl-2-pentanone (MIBK)	43	6.784	6.784	0.000	97	237494	100.0	118.3	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	479440	50.0	54.7	
79 Toluene	91	6.940	6.940	0.000	93	188340	20.0	19.9	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	96	63635	20.0	18.7	
81 Ethyl methacrylate	69	7.326	7.318	0.008	90	60051	20.0	17.5	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	94	32737	20.0	19.9	
83 Tetrachloroethene	166	7.548	7.540	0.008	92	37132	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,3-Dichloropropane	76	7.704	7.704	0.000	93	62843	20.0	18.5	
85 2-Hexanone	43	7.778	7.778	0.000	96	148638	100.0	111.3	
86 n-Butyl acetate	43	7.893	7.893	0.000	99	73036	20.0	18.6	
87 Chlorodibromomethane	129	7.934	7.934	0.000	96	37146	20.0	17.6	
88 Ethylene Dibromide	107	8.090	8.090	0.000	97	34733	20.0	16.8	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	306776	50.0	50.0	
90 Chlorobenzene	112	8.673	8.673	0.000	93	111464	20.0	19.0	
91 Ethylbenzene	106	8.780	8.780	0.000	99	63136	20.0	19.1	
92 1,1,1,2-Tetrachloroethane	131	8.789	8.788	0.000	96	40370	20.0	18.7	
93 m-Xylene & p-Xylene	106	8.936	8.936	0.000	0	78748	20.0	19.4	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	38770	20.0	17.9	
95 o-Xylene	106	9.413	9.413	0.000	94	78539	20.0	18.5	
96 Styrene	104	9.446	9.438	0.008	96	130606	20.0	19.2	
97 Amyl acetate (mixed isomers)	43	9.643	9.635	0.008	92	96869	20.0	16.3	
98 Bromoform	173	9.643	9.643	0.000	94	24291	20.0	15.8	
99 Isopropylbenzene	105	9.775	9.775	0.001	97	203144	20.0	19.6	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	85	128487	50.0	49.9	
101 Bromobenzene	156	10.070	10.070	0.000	94	44774	20.0	15.3	
102 1,1,2,2-Tetrachloroethane	83	10.111	10.111	0.000	98	55026	20.0	16.1	
103 N-Propylbenzene	91	10.144	10.136	0.008	98	266634	20.0	17.6	
104 1,2,3-Trichloropropane	110	10.153	10.152	0.000	97	16129	20.0	14.1	
105 trans-1,4-Dichloro-2-butene	53	10.136	10.169	-0.033	40	1905	20.0	1.87	
106 2-Chlorotoluene	91	10.226	10.226	0.000	97	180264	20.0	17.6	
107 4-Ethyltoluene	105	10.243	10.235	0.008	98	214422	20.0	17.3	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	93	184625	20.0	18.1	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	169848	20.0	18.6	
110 Butyl Methacrylate	87	10.383	10.383	0.000	93	79221	20.0	18.2	
111 tert-Butylbenzene	119	10.539	10.530	0.009	94	150080	20.0	18.3	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	98	200812	20.0	18.4	
113 sec-Butylbenzene	105	10.695	10.695	0.000	99	244205	20.0	18.6	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	92	103505	20.0	17.9	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	97	208791	20.0	18.3	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	97	192789	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	93	106261	20.0	18.6	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	98	211651	20.0	18.6	
119 Benzyl chloride	91	10.966	10.966	0.000	98	140298	20.0	21.0	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	212343	20.0	18.9	
121 p-Diethylbenzene	119	11.056	11.056	0.000	92	121244	20.0	20.2	
122 n-Butylbenzene	92	11.073	11.073	0.000	97	125259	20.0	20.4	
123 1,2-Dichlorobenzene	146	11.114	11.114	0.000	94	111583	20.0	19.2	
124 1,2,4,5-Tetramethylbenzene	119	11.541	11.533	0.008	97	206044	20.0	17.7	
125 1,2-Dibromo-3-Chloropropane	157	11.607	11.607	0.000	94	13217	20.0	15.6	
126 1,3,5-Trichlorobenzene	180	11.689	11.689	0.000	95	81172	20.0	17.9	
127 1,2,4-Trichlorobenzene	180	12.083	12.075	0.008	94	74705	20.0	16.5	
128 Hexachlorobutadiene	225	12.149	12.141	0.008	90	26891	20.0	15.6	
129 Naphthalene	128	12.248	12.248	0.000	99	209181	20.0	16.6	
130 1,2,3-Trichlorobenzene	180	12.404	12.404	0.000	94	68181	20.0	16.2	
S 131 1,2-Dichloroethene, Total	100				0		40.0	35.3	
S 132 Xylenes, Total	100				0		40.0	37.9	

QC Flag Legend

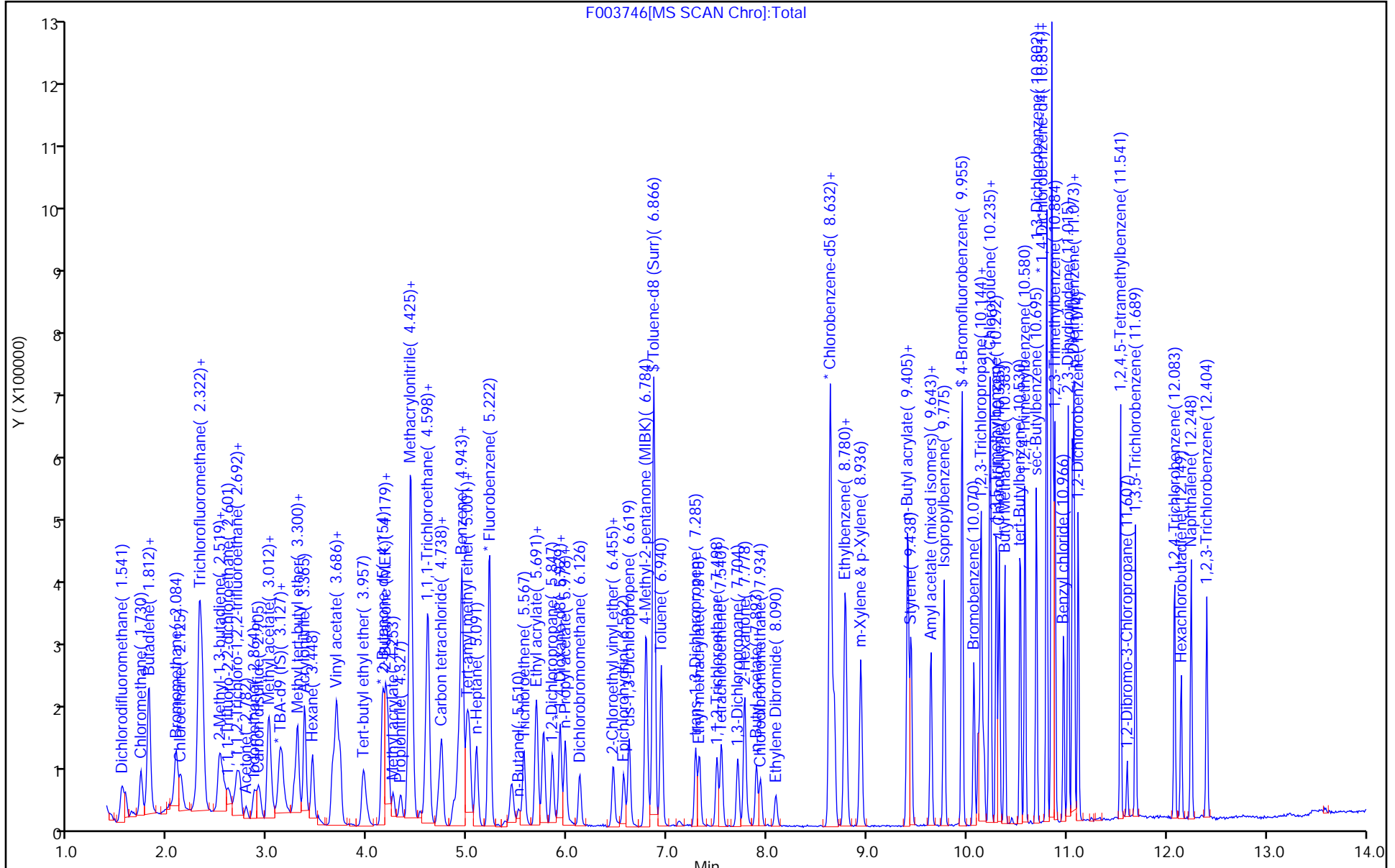
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719790/5
 Matrix: Water Lab File ID: F003775.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 19:56
 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.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	21.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.43
75-34-3	1,1-Dichloroethane	20.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.6		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	18.6		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	15.2		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.6		1.0	0.43
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
78-87-5	1,2-Dichloropropane	21.1		1.0	0.35
541-73-1	1,3-Dichlorobenzene	18.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.33
123-91-1	1,4-Dioxane	645		50	28
78-93-3	2-Butanone (MEK)	104		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
67-64-1	Acetone	105		5.0	4.4
71-43-2	Benzene	20.0		1.0	0.20
75-25-2	Bromoform	15.4		1.0	0.54
74-83-9	Bromomethane	40.0		1.0	0.55
75-15-0	Carbon disulfide	20.0		1.0	0.82
56-23-5	Carbon tetrachloride	18.8		1.0	0.21
108-90-7	Chlorobenzene	20.2		1.0	0.38
74-97-5	Chlorobromomethane	20.8		1.0	0.41
124-48-1	Chlorodibromomethane	18.5		1.0	0.28
75-00-3	Chloroethane	32.6		1.0	0.32
67-66-3	Chloroform	19.9		1.0	0.33
74-87-3	Chloromethane	34.2		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.22
110-82-7	Cyclohexane	21.9		1.0	0.32
75-27-4	Dichlorobromomethane	20.1		1.0	0.34
75-71-8	Dichlorodifluoromethane	21.5		1.0	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719790/5
 Matrix: Water Lab File ID: F003775.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/26/2020 19:56
 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.: 719790 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	20.5		1.0	0.30
106-93-4	Ethylene Dibromide	18.6		1.0	0.50
98-82-8	Isopropylbenzene	20.8		1.0	0.34
79-20-9	Methyl acetate	31.1		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.8		1.0	0.47
108-87-2	Methylcyclohexane	21.2		1.0	0.26
75-09-2	Methylene Chloride	18.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	20.8		1.0	0.30
95-47-6	o-Xylene	20.3		1.0	0.36
100-42-5	Styrene	20.2		1.0	0.42
127-18-4	Tetrachloroethene	19.8		1.0	0.25
108-88-3	Toluene	20.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	18.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.49
79-01-6	Trichloroethene	18.4		1.0	0.31
75-69-4	Trichlorofluoromethane	26.7		1.0	0.32
75-01-4	Vinyl chloride	33.5		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003775.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 26-Aug-2020 19:56:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0115813-005
 Operator ID: Instrument ID: CVOAMS6
 Method: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\8260624W6.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 27-Aug-2020 10:38:17 Calib Date: 24-Aug-2020 23:56:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS6\20200824-115680.b\F003706.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1031

First Level Reviewer: yallabg Date: 26-Aug-2020 20:22:16

Compound	Sig	RT (min.)	Exp RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.558	1.566	-0.008	98	43882	20.0	21.5	
2 Chloromethane	50	1.722	1.738	-0.016	99	100033	20.0	34.2	
3 Butadiene	54	1.796	1.812	-0.016	98	85684	20.0	32.7	
4 Vinyl chloride	62	1.804	1.821	-0.016	98	97614	20.0	33.5	
5 Bromomethane	94	2.067	2.083	-0.016	98	74010	20.0	40.0	
6 Chloroethane	64	2.125	2.133	-0.008	100	60161	20.0	32.6	
7 Dichlorofluoromethane	67	2.289	2.314	-0.025	99	131580	20.0	30.5	
8 Trichlorofluoromethane	101	2.305	2.330	-0.025	61	89137	20.0	26.7	
9 Pentane	72	2.305	2.330	-0.025	94	17280	40.0	51.9	
10 Ethyl ether	59	2.494	2.503	-0.009	95	20896	20.0	14.1	
11 Ethanol	46	2.503	2.511	-0.008	65	4561	800.0	891.4	
12 2-Methyl-1,3-butadiene	53	2.511	2.527	-0.016	98	26084	20.0	15.0	
15 Acrolein	56	2.659	2.675	-0.016	33	2582	40.0	28.4	
16 112TCTFE	101	2.683	2.683	0.000	93	30255	20.0	21.3	a
17 1,1-Dichloroethene	96	2.692	2.724	-0.032	94	27783	20.0	19.6	
18 Acetone	43	2.782	2.790	-0.008	85	48251	100.0	105.2	
20 Isopropyl alcohol	45	2.856	2.864	-0.008	30	12429	200.0	174.1	
19 Iodomethane	142	2.856	2.872	-0.016	98	47465	20.0	18.9	
21 Carbon disulfide	76	2.897	2.913	-0.016	100	109893	20.0	20.0	
22 3-Chloro-1-propene	41	2.996	3.004	-0.008	80	45937	20.0	15.9	
23 Methyl acetate	43	3.004	3.012	-0.008	78	44154	40.0	31.1	
24 Cyclopentene	67	3.012	3.028	-0.016	90	76269	20.0	20.7	a
25 Acetonitrile	41	3.070	3.078	-0.008	90	38861	200.0	259.3	a
* 27 TBA-d9 (IS)	65	3.127	3.127	0.000	0	148605	1000.0	1000.0	
26 Methylene Chloride	84	3.119	3.135	-0.016	93	32695	20.0	18.5	
28 2-Methyl-2-propanol	59	3.168	3.185	-0.017	34	34504	200.0	208.0	Ma
29 Methyl tert-butyl ether	73	3.275	3.283	-0.008	94	88537	20.0	21.8	
30 trans-1,2-Dichloroethene	96	3.291	3.300	-0.009	96	28414	20.0	18.7	
31 Acrylonitrile	53	3.365	3.374	-0.009	92	130789	200.0	182.4	
32 Hexane	43	3.439	3.456	-0.017	92	26215	20.0	23.0	
33 Isopropyl ether	45	3.653	3.653	0.000	92	93659	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 1,1-Dichloroethane	63	3.678	3.686	-0.008	100	54156	20.0	20.5	
35 Vinyl acetate	86	3.686	3.702	-0.016	99	15099	40.0	44.9	
36 2-Chloro-1,3-butadiene	88	3.719	3.727	-0.008	94	27087	20.0	20.3	
37 Tert-butyl ethyl ether	59	3.957	3.965	-0.008	89	90002	20.0	21.5	
* 38 2-Butanone-d5	46	4.146	4.154	-0.008	0	179677	250.0	250.0	
39 2,2-Dichloropropane	97	4.162	4.179	-0.017	92	11370	20.0	23.6	
40 cis-1,2-Dichloroethene	96	4.179	4.187	-0.008	94	33408	20.0	19.6	
42 2-Butanone (MEK)	72	4.203	4.203	0.000	96	21926	100.0	104.0	
41 Ethyl acetate	70	4.203	4.212	-0.009	96	7245	40.0	42.0	
43 Methyl acrylate	55	4.253	4.261	-0.008	98	28015	20.0	16.9	
44 Propionitrile	54	4.327	4.335	-0.008	97	40057	200.0	176.7	
45 Chlorobromomethane	128	4.401	4.409	-0.008	90	16390	20.0	20.8	
46 Tetrahydrofuran	72	4.401	4.409	-0.008	77	10981	40.0	42.8	
47 Methacrylonitrile	67	4.425	4.433	-0.008	90	148795	200.0	189.9	
48 Chloroform	83	4.450	4.450	0.000	97	51148	20.0	19.9	
49 Cyclohexane	84	4.581	4.590	-0.009	90	53842	20.0	21.9	
50 1,1,1-Trichloroethane	97	4.598	4.606	-0.008	75	46296	20.0	20.1	
\$ 51 Dibromofluoromethane (Surr)	113	4.606	4.606	0.000	95	72932	50.0	50.4	
52 Carbon tetrachloride	117	4.713	4.721	-0.008	96	35599	20.0	18.8	
53 1,1-Dichloropropene	75	4.738	4.746	-0.008	95	40559	20.0	20.1	
54 Isobutyl alcohol	43	4.861	4.861	0.000	95	23707	500.0	506.9	
55 Benzene	78	4.935	4.943	-0.008	97	122413	20.0	20.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	65	4.951	4.951	0.000	0	94041	50.0	49.5	
57 Isopropyl acetate	43	4.992	5.000	-0.008	91	98081	20.0	19.8	
58 Tert-amyl methyl ether	73	4.992	5.000	-0.008	82	92571	20.0	20.2	
59 1,2-Dichloroethane	62	5.017	5.025	-0.008	97	42771	20.0	20.3	
60 n-Heptane	57	5.091	5.091	0.000	88	23329	20.0	24.1	
* 61 Fluorobenzene	96	5.214	5.222	-0.008	98	285825	50.0	50.0	
62 n-Butanol	56	5.510	5.518	-0.008	88	19315	500.0	429.9	
63 Trichloroethene	95	5.559	5.567	-0.008	95	27903	20.0	18.4	
64 Ethyl acrylate	55	5.683	5.691	-0.009	96	77644	20.0	18.4	
65 Methylcyclohexane	83	5.691	5.691	0.000	83	56750	20.0	21.2	
66 1,2-Dichloropropane	63	5.847	5.855	-0.008	86	33034	20.0	21.1	
* 67 1,4-Dioxane-d8	96	5.904	5.913	-0.009	0	13345	1000.0	1000.0	
68 Methyl methacrylate	100	5.929	5.929	0.000	85	17702	40.0	37.1	
71 1,4-Dioxane	88	5.970	5.970	0.000	37	7365	400.0	644.8	a
69 Dibromomethane	93	5.970	5.978	-0.008	93	20843	20.0	19.3	
70 n-Propyl acetate	43	5.978	5.986	-0.008	97	44584	20.0	18.4	
72 Dichlorobromomethane	83	6.118	6.126	-0.008	97	39772	20.0	20.1	
74 2-Nitropropane	41	6.455	6.463	-0.008	87	22151	40.0	37.4	
73 2-Chloroethyl vinyl ether	63	6.455	6.463	-0.008	74	19137	20.0	18.5	
75 Epichlorohydrin	57	6.562	6.562	0.000	98	67853	400.0	404.3	
76 cis-1,3-Dichloropropene	75	6.619	6.619	0.000	95	49870	20.0	19.2	
77 4-Methyl-2-pentanone (MIBK)	43	6.784	6.784	0.000	96	177591	100.0	108.7	
\$ 78 Toluene-d8 (Surr)	98	6.866	6.866	0.000	98	322231	50.0	52.6	
79 Toluene	91	6.940	6.940	0.000	92	136863	20.0	20.8	
80 trans-1,3-Dichloropropene	75	7.285	7.285	0.000	96	45343	20.0	19.1	
81 Ethyl methacrylate	69	7.318	7.318	0.000	90	45161	20.0	18.8	
82 1,1,2-Trichloroethane	83	7.498	7.498	0.000	92	23222	20.0	20.3	
83 Tetrachloroethene	166	7.540	7.539	0.001	91	27188	20.0	19.8	
84 1,3-Dichloropropane	76	7.704	7.704	0.000	91	48474	20.0	20.5	
85 2-Hexanone	43	7.770	7.778	-0.008	96	110023	100.0	101.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 n-Butyl acetate	43	7.893	7.893	0.000	98	53128	20.0	19.4	
87 Chlorodibromomethane	129	7.934	7.934	0.000	95	27354	20.0	18.5	
88 Ethylene Dibromide	107	8.090	8.090	0.000	97	26890	20.0	18.6	
* 89 Chlorobenzene-d5	117	8.632	8.632	0.000	89	214193	50.0	50.0	
90 Chlorobenzene	112	8.665	8.673	-0.008	93	82956	20.0	20.2	
91 Ethylbenzene	106	8.780	8.780	0.000	99	47351	20.0	20.5	
92 1,1,1,2-Tetrachloroethane	131	8.788	8.797	-0.009	92	29359	20.0	19.4	
93 m-Xylene & p-Xylene	106	8.936	8.936	0.000	0	58886	20.0	20.8	
94 n-Butyl acrylate	73	9.405	9.405	0.000	97	29956	20.0	19.8	
95 o-Xylene	106	9.413	9.413	0.000	93	60114	20.0	20.3	
96 Styrene	104	9.438	9.438	0.000	96	96138	20.0	20.2	
97 Amyl acetate (mixed isomers)	43	9.635	9.643	-0.008	91	71461	20.0	18.3	
98 Bromoform	173	9.643	9.651	-0.008	91	16510	20.0	15.4	
99 Isopropylbenzene	105	9.775	9.774	0.001	97	150530	20.0	20.8	
\$ 100 4-Bromofluorobenzene	174	9.955	9.955	0.000	87	89844	50.0	50.0	
101 Bromobenzene	156	10.070	10.070	0.000	93	33888	20.0	17.6	
102 1,1,2,2-Tetrachloroethane	83	10.111	10.111	0.000	98	42278	20.0	18.8	
103 N-Propylbenzene	91	10.136	10.136	0.000	99	192551	20.0	19.3	
104 1,2,3-Trichloropropane	110	10.153	10.152	0.000	93	13085	20.0	17.4	
105 trans-1,4-Dichloro-2-butene	53	10.169	10.169	0.000	85	13037	20.0	19.4	
106 2-Chlorotoluene	91	10.226	10.226	0.000	97	129107	20.0	19.2	
107 4-Ethyltoluene	105	10.235	10.235	0.000	98	156857	20.0	19.3	
108 1,3,5-Trimethylbenzene	105	10.292	10.292	0.000	93	130195	20.0	19.3	
109 4-Chlorotoluene	91	10.325	10.325	0.000	98	117440	20.0	19.5	
110 Butyl Methacrylate	87	10.383	10.383	0.000	94	53080	20.0	18.5	
111 tert-Butylbenzene	119	10.530	10.530	0.000	94	99389	20.0	18.4	
112 1,2,4-Trimethylbenzene	105	10.580	10.580	0.000	99	137105	20.0	19.1	
113 sec-Butylbenzene	105	10.695	10.695	0.000	99	167305	20.0	19.3	
114 1,3-Dichlorobenzene	146	10.802	10.802	0.000	92	71344	20.0	18.7	
115 4-Isopropyltoluene	119	10.802	10.802	0.000	98	143092	20.0	19.0	
* 116 1,4-Dichlorobenzene-d4	152	10.851	10.851	0.000	96	126948	50.0	50.0	
117 1,4-Dichlorobenzene	146	10.867	10.867	0.000	95	74327	20.0	19.8	
118 1,2,3-Trimethylbenzene	105	10.884	10.884	0.000	98	144326	20.0	19.3	
119 Benzyl chloride	91	10.966	10.966	0.000	98	94766	20.0	21.6	
120 2,3-Dihydroindene	117	11.015	11.015	0.000	94	148421	20.0	20.1	
121 p-Diethylbenzene	119	11.056	11.056	0.000	92	83457	20.0	21.1	
122 n-Butylbenzene	92	11.073	11.073	0.000	97	84975	20.0	21.0	
123 1,2-Dichlorobenzene	146	11.122	11.114	0.008	94	78660	20.0	20.6	
124 1,2,4,5-Tetramethylbenzene	119	11.549	11.541	0.008	97	140131	20.0	18.3	
125 1,2-Dibromo-3-Chloropropane	157	11.615	11.607	0.008	89	8440	20.0	15.2	
126 1,3,5-Trichlorobenzene	180	11.697	11.689	0.008	95	57581	20.0	19.3	
127 1,2,4-Trichlorobenzene	180	12.092	12.083	0.009	92	55373	20.0	18.6	
128 Hexachlorobutadiene	225	12.157	12.149	0.008	89	17902	20.0	15.8	
129 Naphthalene	128	12.256	12.248	0.008	99	155603	20.0	18.8	
130 1,2,3-Trichlorobenzene	180	12.412	12.404	0.008	93	50781	20.0	18.3	
S 131 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 132 Xylenes, Total	100				0		40.0	41.1	

QC Flag Legend

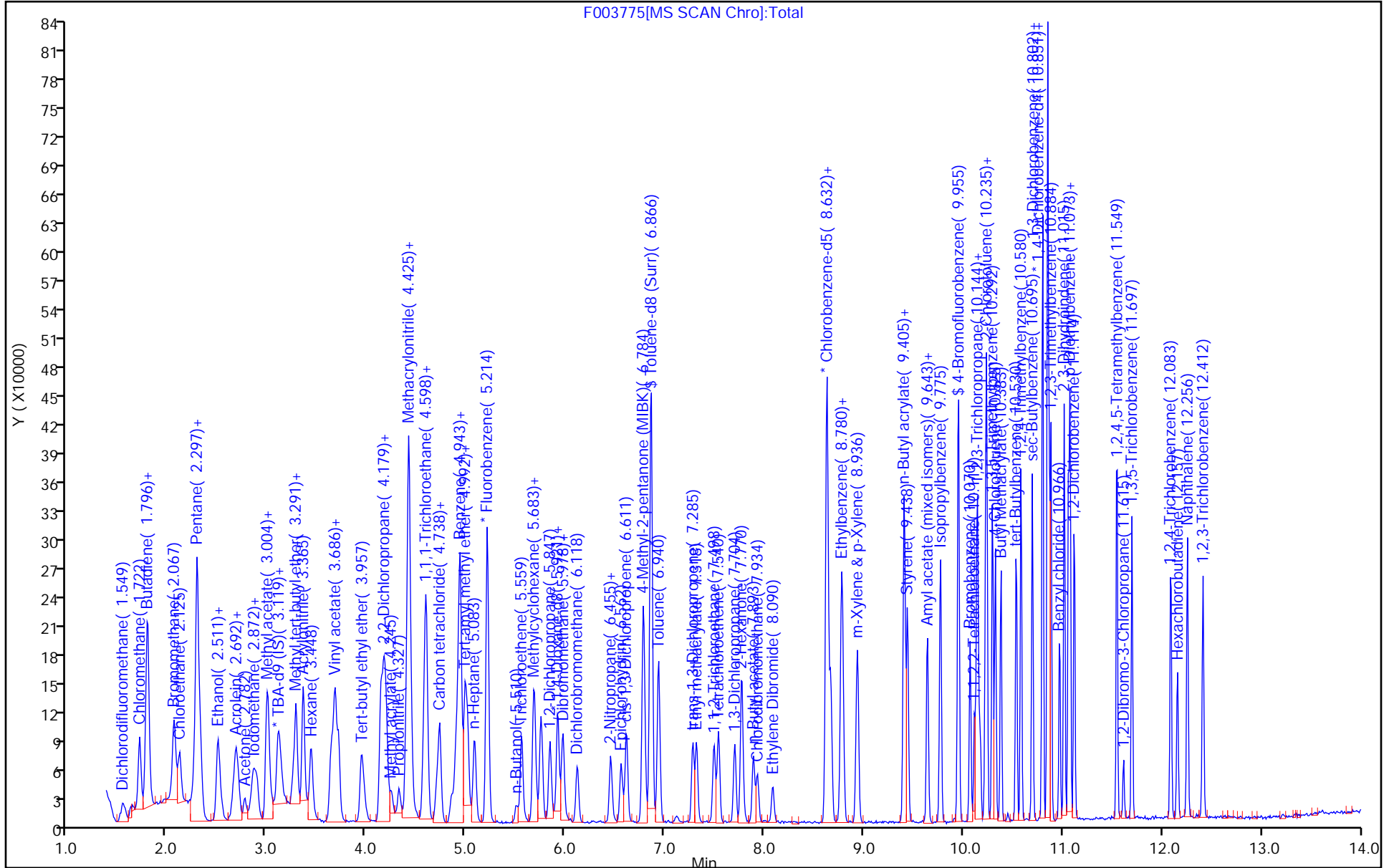
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
524freon_00026	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
GASES Li_00383	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00039	Amount Added: 5.00	Units: uL	Run Reagent



F003775[MS SCAN] Total

Eurofins TestAmerica, Edison

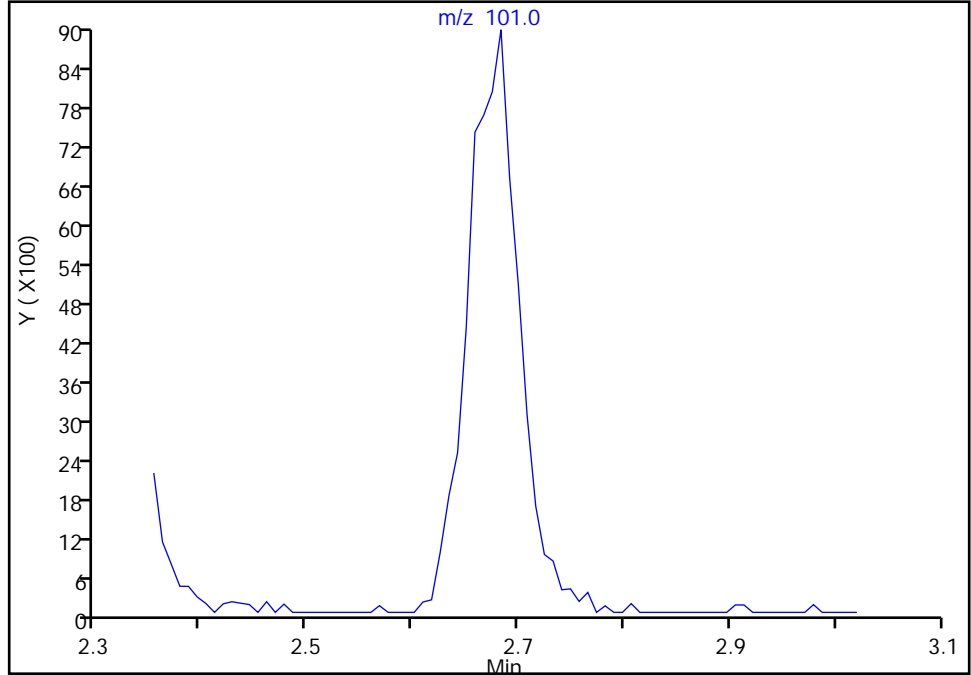
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003775.D
Injection Date: 26-Aug-2020 19:56:30 Instrument ID: CVOAMS6
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 112TCTFE, CAS: 76-13-1

Signal: 1

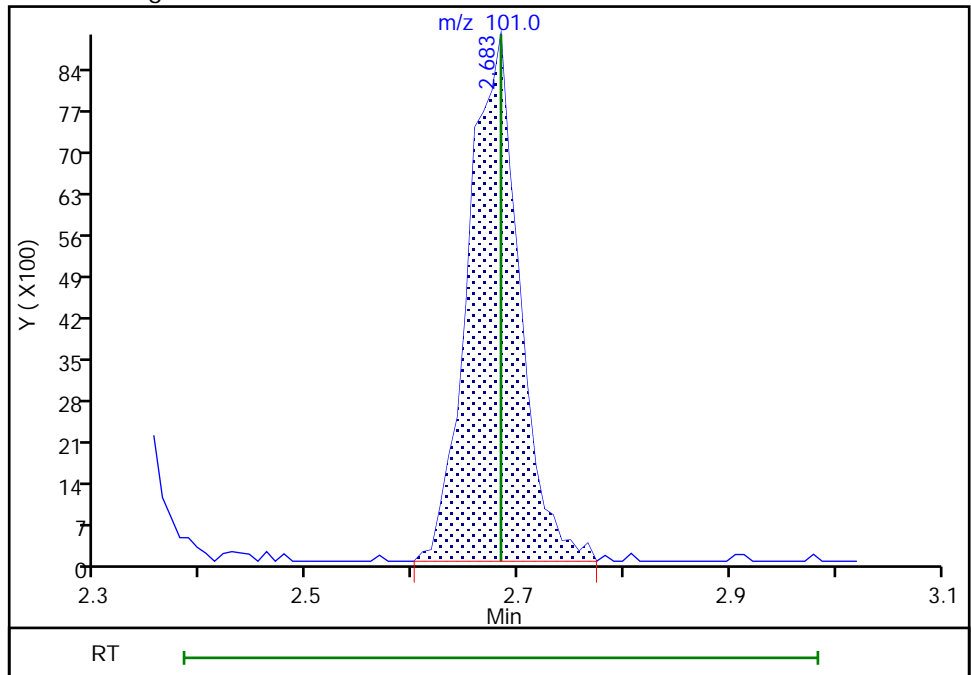
Not Detected
Expected RT: 2.68

Processing Integration Results



Manual Integration Results

RT: 2.68
Area: 30255
Amount: 21.257912
Amount Units: ug/l



Reviewer: xuyvo, 27-Aug-2020 10:37:44
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

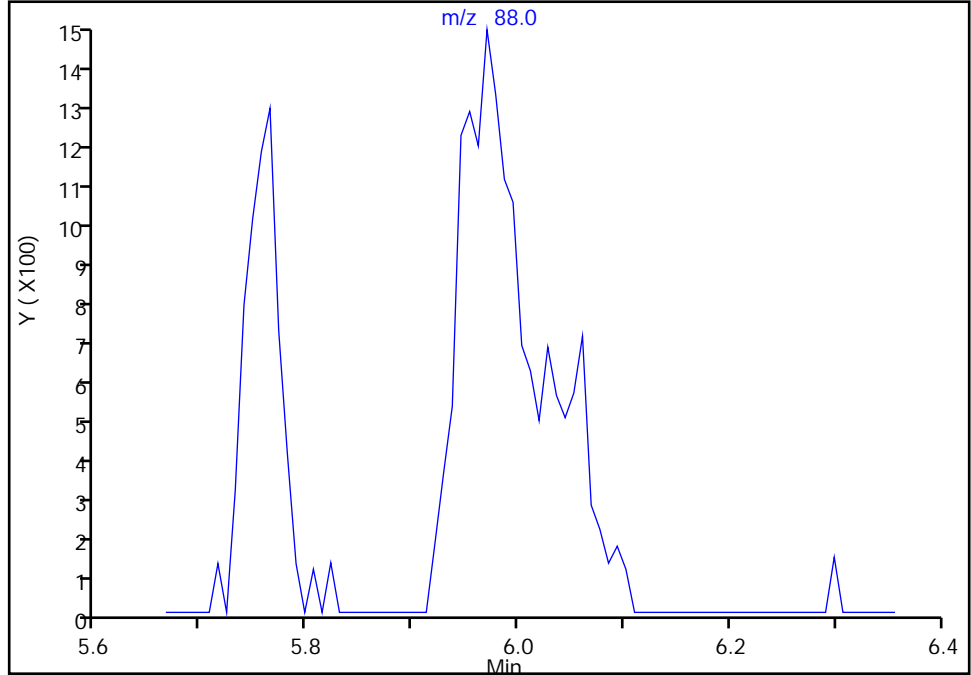
Data File: \\chromfs\Edison\ChromData\CVOAMS6\20200826-115813.b\F003775.D
Injection Date: 26-Aug-2020 19:56:30 Instrument ID: CVOAMS6
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W6 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

71 1,4-Dioxane, CAS: 123-91-1

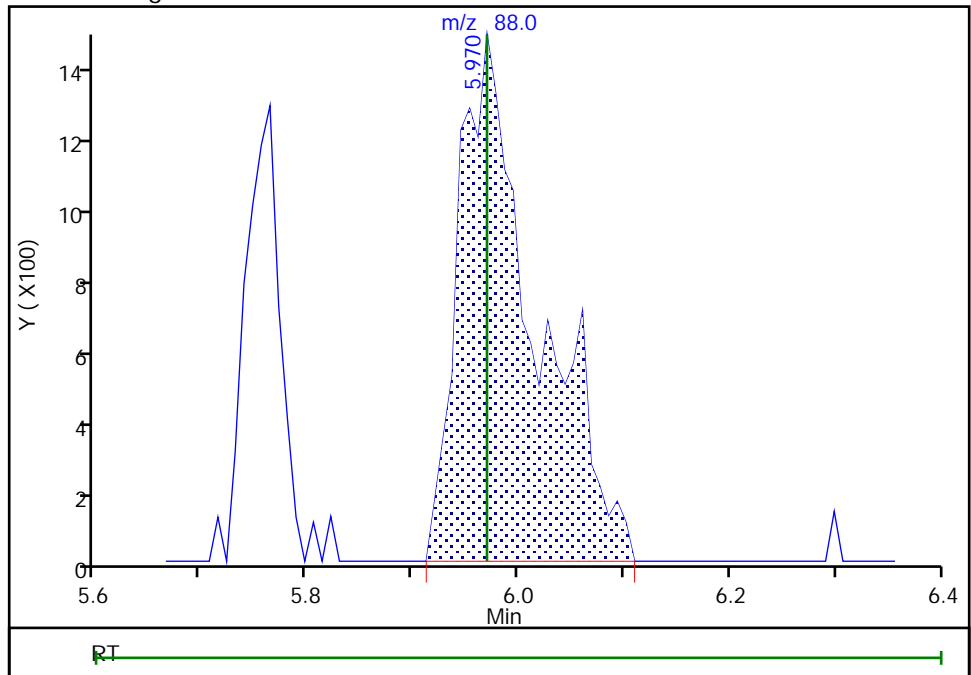
Signal: 1

Not Detected
Expected RT: 5.97

Processing Integration Results



Manual Integration Results



RT: 5.97
Area: 7365
Amount: 644.8351
Amount Units: ug/l

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 07/25/2020 16:22

Analysis Batch Number: 711441 End Date: 07/26/2020 04:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-711441/1		07/25/2020 16:22	1	F99061.D	Rtx-624 0.25 (mm)
STD7 460-711441/3 IC		07/25/2020 17:08	1	F99063.D	Rtx-624 0.25 (mm)
STD1 460-711441/4 IC		07/25/2020 17:32	1	F99064.D	Rtx-624 0.25 (mm)
STD5 460-711441/5 IC		07/25/2020 23:40	1	F99065.D	Rtx-624 0.25 (mm)
STD20 460-711441/6 ICIS		07/26/2020 00:05	1	F99066.D	Rtx-624 0.25 (mm)
STD50 460-711441/7 IC		07/26/2020 00:30	1	F99067.D	Rtx-624 0.25 (mm)
STD200 460-711441/8 IC		07/26/2020 00:54	1	F99068.D	Rtx-624 0.25 (mm)
STD500 460-711441/9 IC		07/26/2020 01:19	1	F99069.D	Rtx-624 0.25 (mm)
ICV 460-711441/16		07/26/2020 04:13	1	F99076.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 08/24/2020 20:39Analysis Batch Number: 719259 End Date: 08/25/2020 02:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-719259/1		08/24/2020 20:39	1	F003698.D	Rtx-624 0.25 (mm)
STD7 460-719259/2 IC		08/24/2020 21:03	1	F003699.D	Rtx-624 0.25 (mm)
STD1 460-719259/4 IC		08/24/2020 21:53	1	F003701.D	Rtx-624 0.25 (mm)
STD5 460-719259/5 IC		08/24/2020 22:17	1	F003702.D	Rtx-624 0.25 (mm)
STD20 460-719259/6 ICIS		08/24/2020 22:42	1	F003703.D	Rtx-624 0.25 (mm)
STD50 460-719259/7 IC		08/24/2020 23:07	1	F003704.D	Rtx-624 0.25 (mm)
STD200 460-719259/8 IC		08/24/2020 23:32	1	F003705.D	Rtx-624 0.25 (mm)
STD500 460-719259/9 IC		08/24/2020 23:56	1	F003706.D	Rtx-624 0.25 (mm)
ICV 460-719259/15		08/25/2020 02:22	1	F003712.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 08/26/2020 06:00

Analysis Batch Number: 719629 End Date: 08/26/2020 17:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-719629/1		08/26/2020 06:00	1	F003741.D	Rtx-624 0.25 (mm)
CCVIS 460-719629/4		08/26/2020 07:14	1	F003744.D	Rtx-624 0.25 (mm)
LCS 460-719629/5		08/26/2020 07:38	1	F003745.D	Rtx-624 0.25 (mm)
LCSD 460-719629/6		08/26/2020 08:03	1	F003746.D	Rtx-624 0.25 (mm)
MB 460-719629/10		08/26/2020 09:42	1	F003750.D	Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 10:06	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 10:30	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 10:55	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 11:19	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 11:44	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 12:09	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 12:33	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 12:58	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 13:47	2		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 14:11	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 14:36	1		Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 15:50	1		Rtx-624 0.25 (mm)
460-216353-4	TB_20200818	08/26/2020 16:15	1	F003766.D	Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 16:40	1		Rtx-624 0.25 (mm)
460-216353-1	DEC7D1_20200817	08/26/2020 17:04	1	F003768.D	Rtx-624 0.25 (mm)
460-216353-2	DEC6D1_20200817	08/26/2020 17:29	1	F003769.D	Rtx-624 0.25 (mm)
460-216353-3	DEC4D1_20200818	08/26/2020 17:54	1	F003770.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CVOAMS6 Start Date: 08/26/2020 18:15

Analysis Batch Number: 719790 End Date: 08/27/2020 03:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-719790/1		08/26/2020 18:15	1	F003771.D	Rtx-624 0.25 (mm)
CCVIS 460-719790/3		08/26/2020 19:06	1	F003773.D	Rtx-624 0.25 (mm)
LCS 460-719790/4		08/26/2020 19:31	1	F003774.D	Rtx-624 0.25 (mm)
LCSD 460-719790/5		08/26/2020 19:56	1	F003775.D	Rtx-624 0.25 (mm)
MB 460-719790/10		08/26/2020 21:59	1	F003780.D	Rtx-624 0.25 (mm)
ZZZZZ		08/26/2020 22:23	10		Rtx-624 0.25 (mm)
460-216353-3 DL	DEC4D1_20200818 DL	08/27/2020 02:28	5	F003790.D	Rtx-624 0.25 (mm)
ZZZZZ		08/27/2020 02:53	1		Rtx-624 0.25 (mm)
ZZZZZ		08/27/2020 03:17	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 711441 Batch Start Date: 07/25/20 16:22 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00117	524freon 00025	8260 SP 00127	8260MIX1COMB 00120
BFB 460-711441/1		8260C		5 mL	5 mL				
STD7 460-711441/3 IC		8260C		5 mL	5 mL				
STD1 460-711441/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-711441/5 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-711441/6 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-711441/7 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-711441/8 IC		8260C		5 mL	5 mL				
STD500 460-711441/9 IC		8260C		5 mL	5 mL				
ICV 460-711441/16		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00021	8FreonsSS 00022	ACROLEIN SP 00114	ACROLEIN W 00109	ACRY/EPIH MIX 00076	BFB 00026
BFB 460-711441/1		8260C							1 uL
STD7 460-711441/3 IC		8260C						20 uL	
STD1 460-711441/4 IC		8260C					4 uL		
STD5 460-711441/5 IC		8260C					4 uL		
STD20 460-711441/6 ICIS		8260C					4 uL		
STD50 460-711441/7 IC		8260C					10 uL		
STD200 460-711441/8 IC		8260C		20 uL			20 uL		
STD500 460-711441/9 IC		8260C		50 uL			40 uL		
ICV 460-711441/16		8260C			20 uL	4 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 711441 Batch Start Date: 07/25/20 16:22 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00042	GAS C SP 00366	GAS Hi 00367	GASES Li 00378	MIX 2 Hi 00101	MIX I Hi 00127
BFB 460-711441/1		8260C							
STD7 460-711441/3 IC		8260C					2.5 uL		
STD1 460-711441/4 IC		8260C					10 uL		
STD5 460-711441/5 IC		8260C					10 uL		
STD20 460-711441/6 ICIS		8260C					20 uL		
STD50 460-711441/7 IC		8260C					50 uL		
STD200 460-711441/8 IC		8260C		20 uL		20 uL		20 uL	20 uL
STD500 460-711441/9 IC		8260C		50 uL		50 uL		50 uL	50 uL
ICV 460-711441/16		8260C			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00036					
BFB 460-711441/1		8260C							
STD7 460-711441/3 IC		8260C		5 uL					
STD1 460-711441/4 IC		8260C		5 uL					
STD5 460-711441/5 IC		8260C		5 uL					
STD20 460-711441/6 ICIS		8260C		5 uL					
STD50 460-711441/7 IC		8260C		5 uL					
STD200 460-711441/8 IC		8260C		5 uL					
STD500 460-711441/9 IC		8260C		5 uL					
ICV 460-711441/16		8260C		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 711441 Batch Start Date: 07/25/20 16:22 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260C Batch End Date: _____

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 719259 Batch Start Date: 08/24/20 20:39 Batch Analyst: Martinez, Eddie

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00118	524freon 00026	8260 SP 00128	8260MIX1COMB 00124
BFB 460-719259/1		8260C		5 mL	5 mL				
STD7 460-719259/2 IC		8260C		5 mL	5 mL				
STD1 460-719259/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-719259/5 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-719259/6 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-719259/7 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-719259/8 IC		8260C		5 mL	5 mL				
STD500 460-719259/9 IC		8260C		5 mL	5 mL				
ICV 460-719259/15		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00022	8FreonsSS 00023	ACROLEIN SP 00115	ACROLEIN W 00111	ACRY/EPIH MIX 00077	BFB 00026
BFB 460-719259/1		8260C							1 uL
STD7 460-719259/2 IC		8260C						20 uL	
STD1 460-719259/4 IC		8260C					4 uL		
STD5 460-719259/5 IC		8260C					4 uL		
STD20 460-719259/6 ICIS		8260C					4 uL		
STD50 460-719259/7 IC		8260C					10 uL		
STD200 460-719259/8 IC		8260C		20 uL			20 uL		
STD500 460-719259/9 IC		8260C		50 uL			40 uL		
ICV 460-719259/15		8260C			20 uL	4 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 719259 Batch Start Date: 08/24/20 20:39 Batch Analyst: Martinez, Eddie

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00043	GAS C SP 00370	GAS Hi 00369	GASES Li 00382	MIX 2 Hi 00102	MIX I Hi 00129
BFB 460-719259/1		8260C							
STD7 460-719259/2 IC		8260C					2.5 uL		
STD1 460-719259/4 IC		8260C					10 uL		
STD5 460-719259/5 IC		8260C					10 uL		
STD20 460-719259/6 ICIS		8260C					20 uL		
STD50 460-719259/7 IC		8260C					50 uL		
STD200 460-719259/8 IC		8260C		20 uL		20 uL		20 uL	20 uL
STD500 460-719259/9 IC		8260C		50 uL		50 uL		50 uL	50 uL
ICV 460-719259/15		8260C			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00039					
BFB 460-719259/1		8260C							
STD7 460-719259/2 IC		8260C		5 uL					
STD1 460-719259/4 IC		8260C		5 uL					
STD5 460-719259/5 IC		8260C		5 uL					
STD20 460-719259/6 ICIS		8260C		5 uL					
STD50 460-719259/7 IC		8260C		5 uL					
STD200 460-719259/8 IC		8260C		5 uL					
STD500 460-719259/9 IC		8260C		5 uL					
ICV 460-719259/15		8260C		5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 719259 Batch Start Date: 08/24/20 20:39 Batch Analyst: Martinez, Eddie

Batch Method: 8260C Batch End Date: _____

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 719629 Batch Start Date: 08/26/20 06:00 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00026	8260MIX1COMB 00124	ACROLEIN W 00111	BFB 00026
BFB 460-719629/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-719629/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-719629/5		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCSD 460-719629/6		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-719629/10		8260C		5 mL	5 mL				
460-216353-B-4	TB_20200818	8260C	T	5 mL	5 mL				
460-216353-B-1	DEC7D1_20200817	8260C	T	5 mL	5 mL				
460-216353-B-2	DEC6D1_20200817	8260C	T	5 mL	5 mL				
460-216353-B-3	DEC4D1_20200818	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00383	VOA6IS/SURR 00039				
BFB 460-719629/1		8260C							
CCVIS 460-719629/4		8260C		20 uL	5 uL				
LCS 460-719629/5		8260C		20 uL	5 uL				
LCSD 460-719629/6		8260C		20 uL	5 uL				
MB 460-719629/10		8260C			5 uL				
460-216353-B-4	TB_20200818	8260C	T		5 uL				
460-216353-B-1	DEC7D1_20200817	8260C	T		5 uL				
460-216353-B-2	DEC6D1_20200817	8260C	T		5 uL				
460-216353-B-3	DEC4D1_20200818	8260C	T		5 uL				

Batch Notes	

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.: 460-216353-1

SDG No.: _____

Batch Number: 719629 Batch Start Date: 08/26/20 06:00 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date: _____

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 719790 Batch Start Date: 08/26/20 18:15 Batch Analyst: Yallabandi, Gopichand X

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00026	8260MIX1COMB 00124	ACROLEIN W 00111	BFB 00026
BFB 460-719790/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-719790/3		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-719790/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCSD 460-719790/5		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-719790/10		8260C		5 mL	5 mL				
460-216353-C-3	DEC4D1_20200818	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00383	VOA6IS/SURR 00039				
BFB 460-719790/1		8260C							
CCVIS 460-719790/3		8260C		20 uL	5 uL				
LCS 460-719790/4		8260C		20 uL	5 uL				
LCSD 460-719790/5		8260C		20 uL	5 uL				
MB 460-719790/10		8260C			5 uL				
460-216353-C-3	DEC4D1_20200818	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.

8270D_SIM_14DX

1,4-Dioxane (GC/MS SIM)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216353-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	NBZ #
DEC7D1_20200817	460-216353-1	111
DEC6D1_20200817	460-216353-2	117
DEC4D1_20200818	460-216353-3	90
	MB 460-718590/1-A	123
	LCS 460-718590/2-A	119
	LCSD 460-718590/3-A	130

NBZ = Nitrobenzene-d5

QC LIMITS
41-144

Column to be used to flag recovery values

FORM II 8270D SIM

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: U694890.D

Lab ID: LCS 460-718590/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	0.800	0.300 J	37	10-150	

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.: 460-216353-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: U694891.D
 Lab ID: LCS D 460-718590/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS D CONCENTRATION (ug/L)	LCS D % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	0.800	0.372 J	47	22	30	10-150	

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.: 460-216353-1
 SDG No.: _____
 Lab File ID: U694889.D Lab Sample ID: MB 460-718590/1-A
 Matrix: Water Date Extracted: 08/21/2020 07:47
 Instrument ID: CBNAMS4 Date Analyzed: 08/21/2020 18:37
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-718590/2-A	U694890.D	08/21/2020 18:58
	LCSD 460-718590/3-A	U694891.D	08/21/2020 19:19
DEC7D1_20200817	460-216353-1	U694905.D	08/22/2020 00:10
DEC6D1_20200817	460-216353-2	U694906.D	08/22/2020 00:31
DEC4D1_20200818	460-216353-3	U694907.D	08/22/2020 00:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab File ID: U694886.D DFTPP Injection Date: 08/21/2020
 Instrument ID: CBNAMS4 DFTPP Injection Time: 16:53
 Analysis Batch No.: 718768

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	21.6
68	Less than 2.0 % of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	25.7
70	Less than 2.0 % of mass 69	0.1 (0.4) 1
127	40.0 - 60.0 % of mass 198	37.7
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	32.2
365	Greater than 1.0 % of mass 198	5.4
441	Present but less than mass 443	27.0 (74.5) 3
442	Greater than 40.0 % of mass 198	182.3
443	17.0 - 23.0 % of mass 442	36.3 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-718768/2	U694887.D	08/21/2020	17:43
	MB 460-718590/1-A	U694889.D	08/21/2020	18:37
	LCS 460-718590/2-A	U694890.D	08/21/2020	18:58
	LCSD 460-718590/3-A	U694891.D	08/21/2020	19:19
DEC7D1_20200817	460-216353-1	U694905.D	08/22/2020	0:10
DEC6D1_20200817	460-216353-2	U694906.D	08/22/2020	0:31
DEC4D1_20200818	460-216353-3	U694907.D	08/22/2020	0:52

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Sample No.: CCVIS 460-718768/2 Date Analyzed: 08/21/2020 17:43
 Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): U694887.D Heated Purge: (Y/N) N
 Calibration ID: 81538

	DCBd4		NPT		AREA #	RT #
	AREA #	RT #	AREA #	RT #		
12/24 HOUR STD	39790	4.02	122791	5.23		
UPPER LIMIT	79580	4.52	245582	5.73		
LOWER LIMIT	19895	3.52	61396	4.73		
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-718590/1-A		42584	4.04	139609	5.27	
LCS 460-718590/2-A		50582	4.05	167117	5.27	
LCSD 460-718590/3-A		52340	4.05	171271	5.27	
460-216353-1	DEC7D1_20200817	48251	4.05	165246	5.27	
460-216353-2	DEC6D1_20200817	44363	4.04	150696	5.27	
460-216353-3	DEC4D1_20200818	54415	4.04	167273	5.27	

DCBd4 = 1,4-Dichlorobenzene-d4
 NPT = Naphthalene-d8

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC7D1_20200817 Lab Sample ID: 460-216353-1
 Matrix: Water Lab File ID: U694905.D
 Analysis Method: 8270D SIM Date Collected: 08/17/2020 12:50
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/22/2020 00:10
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	4.0		0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	111		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694905.D
 Lims ID: 460-216353-D-1-A
 Client ID: DEC7D1_20200817
 Sample Type: Client
 Inject. Date: 22-Aug-2020 00:10:30 ALS Bottle#: 20 Worklist Smp#: 20
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-020
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:26:15 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy Date: 22-Aug-2020 02:08:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.533	1.549	-0.007	97	51069	0.5004	
* 4 1,4-Dichlorobenzene-d4	152	4.045	4.020	0.025	99	48251	0.2000	
\$ 6 Nitrobenzene-d5	82	4.576	4.543	0.033	92	287131	1.11	
* 7 Naphthalene-d8	136	5.268	5.227	0.041	100	165246	0.2000	
* 11 Acenaphthene-d10	164	6.941	6.888	0.053	94	86615	0.2000	
* 18 Phenanthrene-d10	188	8.337	8.270	0.067	98	118398	0.2000	
* 25 Chrysene-d12	240	10.885	10.788	0.097	100	123648	0.2000	
* 30 Perylene-d12	264	12.642	12.506	0.136	100	141768	0.2000	

34 DFTPP

Reagents:

SM_SIMISTDLVI_00030 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694905.D

Injection Date: 22-Aug-2020 00:10:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-216353-D-1-A

Lab Sample ID: 460-216353-1

Worklist Smp#: 20

Client ID: DEC7D1_20200817

Injection Vol: 5.0 ul

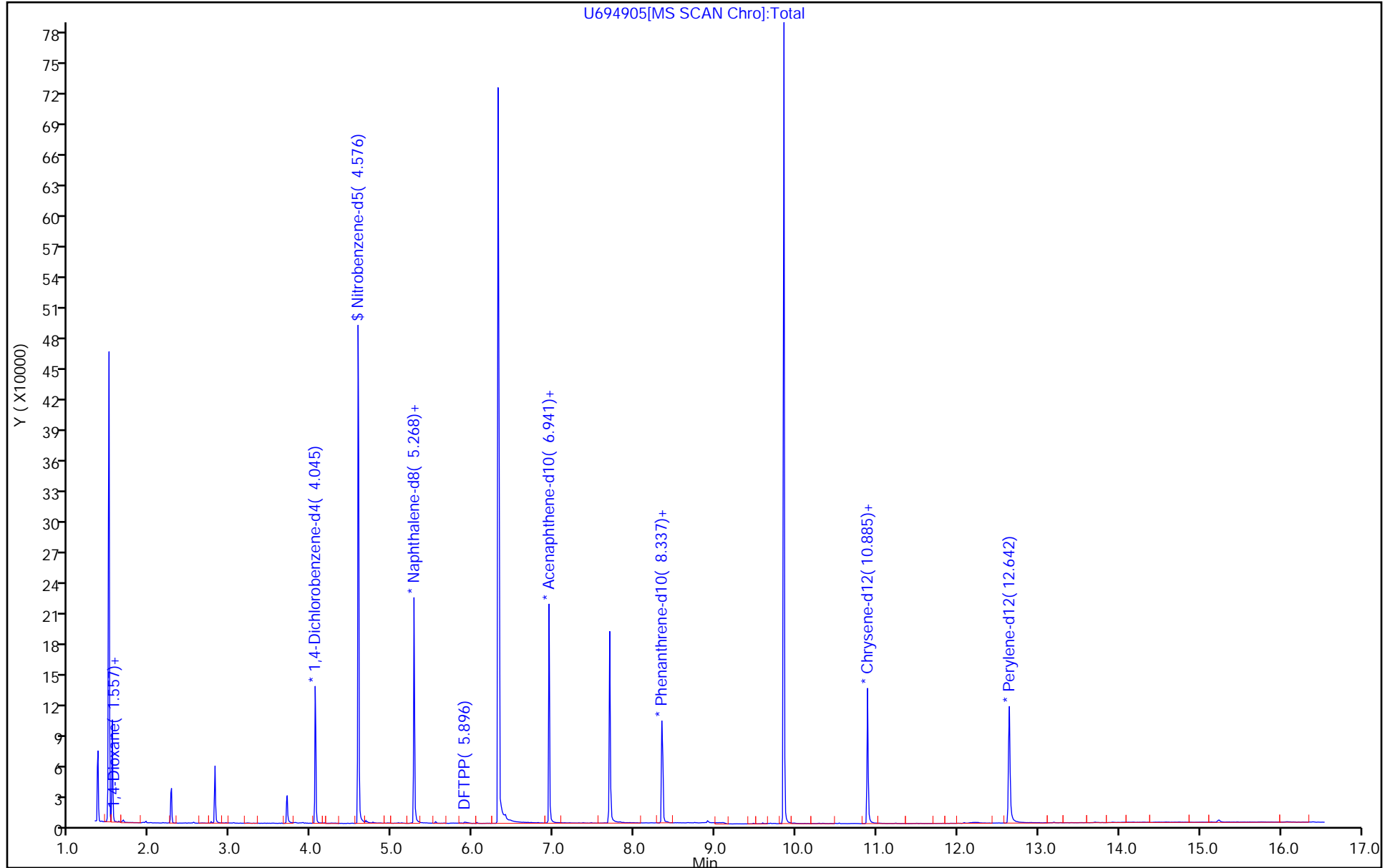
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694905.D

Injection Date: 22-Aug-2020 00:10:30

Instrument ID: CBNAMS4

Lims ID: 460-216353-D-1-A

Lab Sample ID: 460-216353-1

Client ID: DEC7D1_20200817

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 20

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

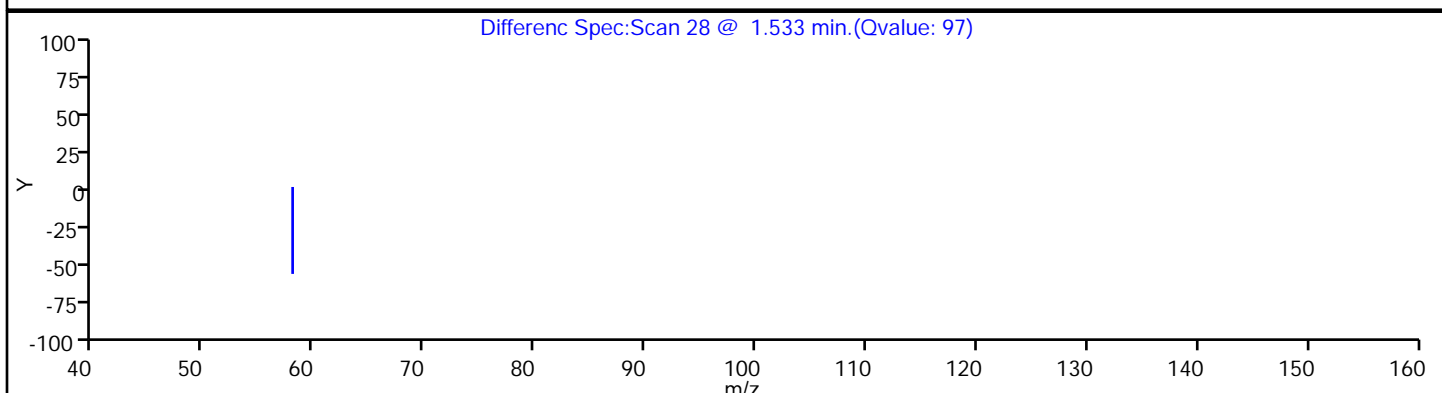
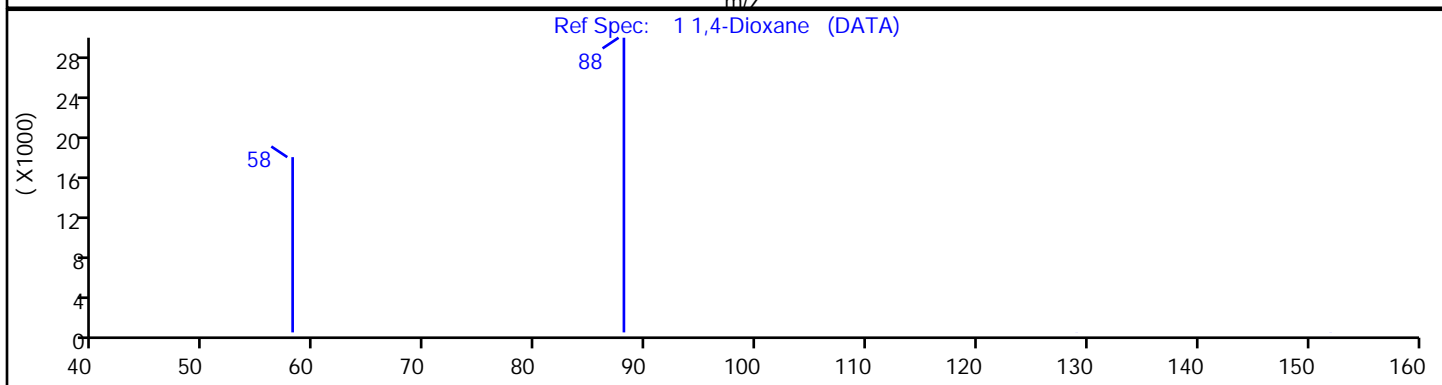
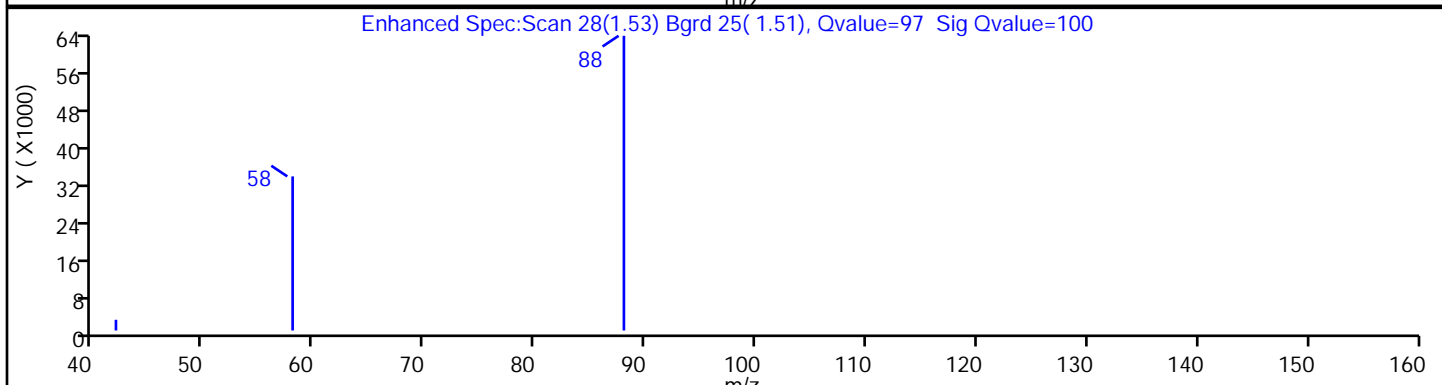
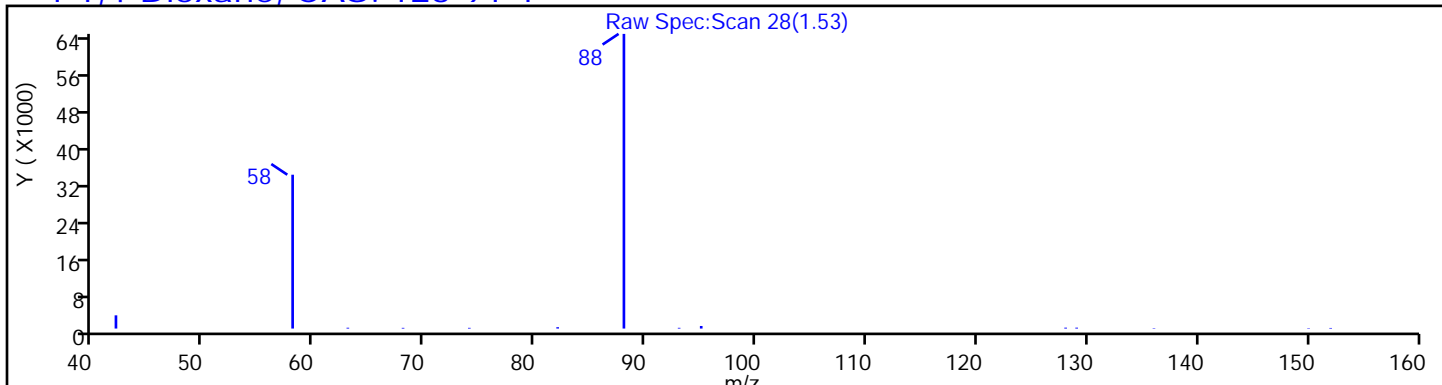
Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC6D1_20200817 Lab Sample ID: 460-216353-2
 Matrix: Water Lab File ID: U694906.D
 Analysis Method: 8270D SIM Date Collected: 08/17/2020 16:25
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/22/2020 00:31
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	6.3		0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	117		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694906.D
 Lims ID: 460-216353-E-2-A
 Client ID: DEC6D1_20200817
 Sample Type: Client
 Inject. Date: 22-Aug-2020 00:31:30 ALS Bottle#: 21 Worklist Smp#: 21
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-021
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:26:15 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy Date: 22-Aug-2020 02:08:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.523	1.549	-0.017	92	73846	0.7870	
* 4 1,4-Dichlorobenzene-d4	152	4.043	4.020	0.023	97	44363	0.2000	
\$ 6 Nitrobenzene-d5	82	4.575	4.543	0.032	94	276180	1.17	
* 7 Naphthalene-d8	136	5.267	5.227	0.040	100	150696	0.2000	
* 11 Acenaphthene-d10	164	6.941	6.888	0.053	94	80225	0.2000	
* 18 Phenanthrene-d10	188	8.336	8.270	0.066	98	111886	0.2000	
* 25 Chrysene-d12	240	10.886	10.788	0.098	100	117987	0.2000	
* 30 Perylene-d12	264	12.643	12.506	0.137	100	116113	0.2000	

34 DFTPP

Reagents:

SM_SIMISTDLVI_00030 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694906.D

Injection Date: 22-Aug-2020 00:31:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-216353-E-2-A

Lab Sample ID: 460-216353-2

Worklist Smp#: 21

Client ID: DEC6D1_20200817

Injection Vol: 5.0 ul

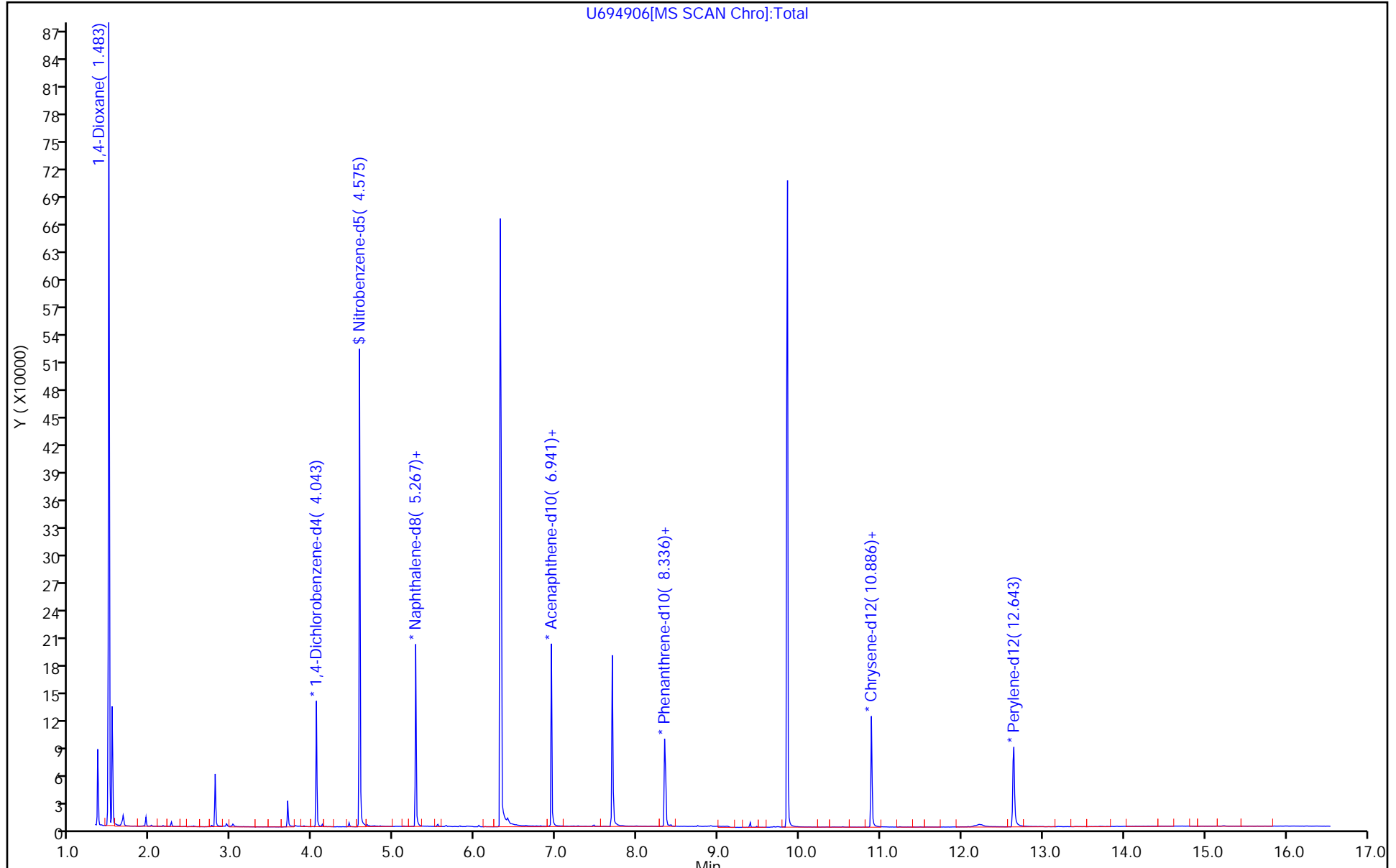
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694906.D

Injection Date: 22-Aug-2020 00:31:30

Instrument ID: CBNAMS4

Lims ID: 460-216353-E-2-A

Lab Sample ID: 460-216353-2

Client ID: DEC6D1_20200817

Operator ID:

ALS Bottle#: 21

Worklist Smp#: 21

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

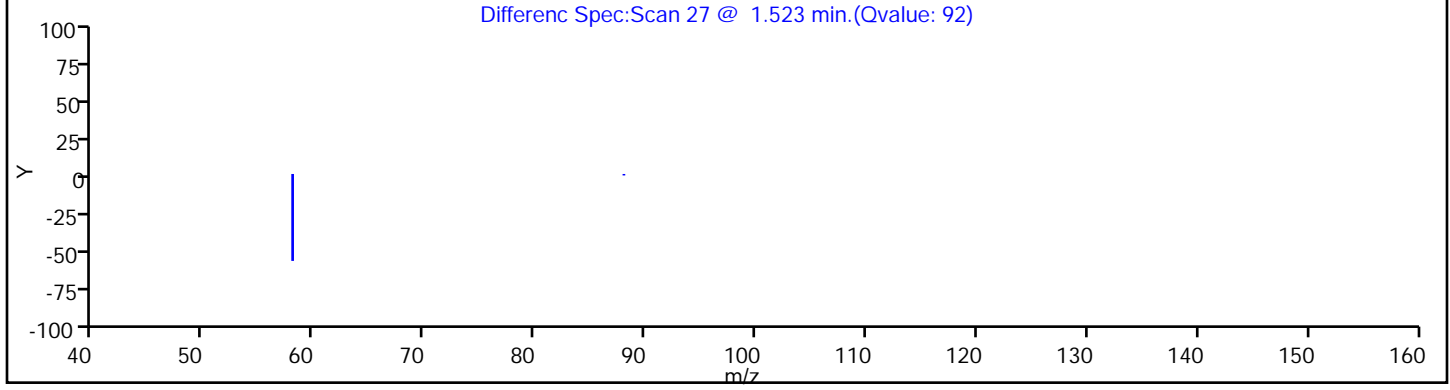
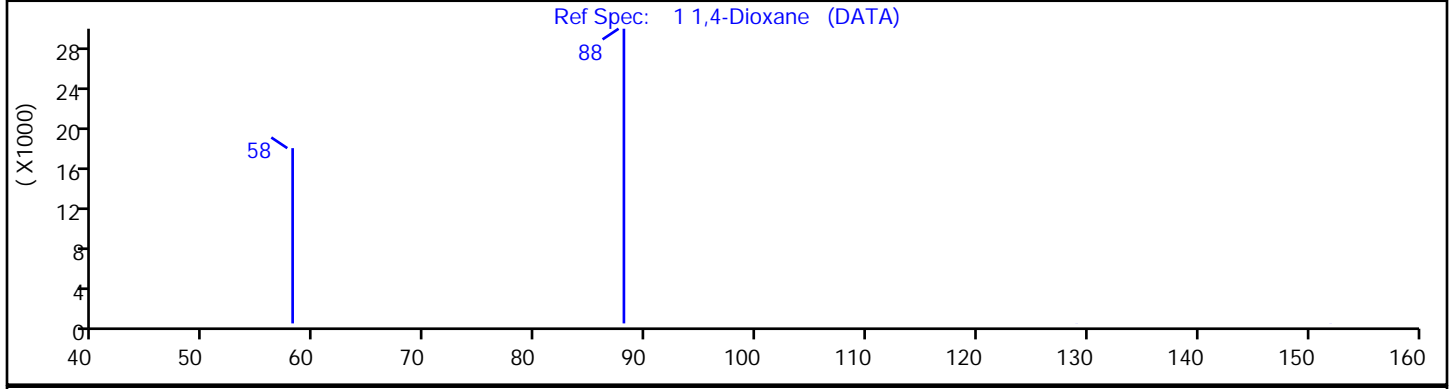
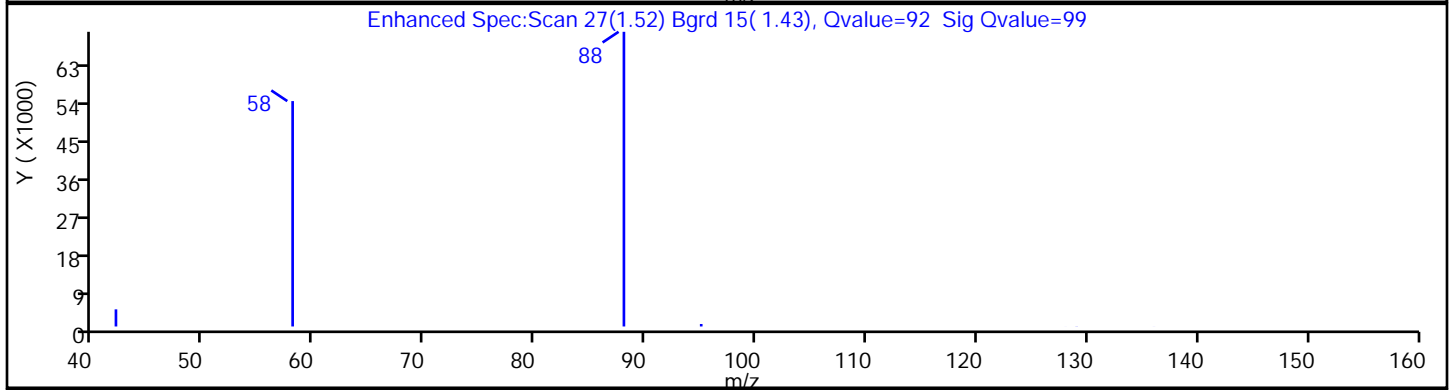
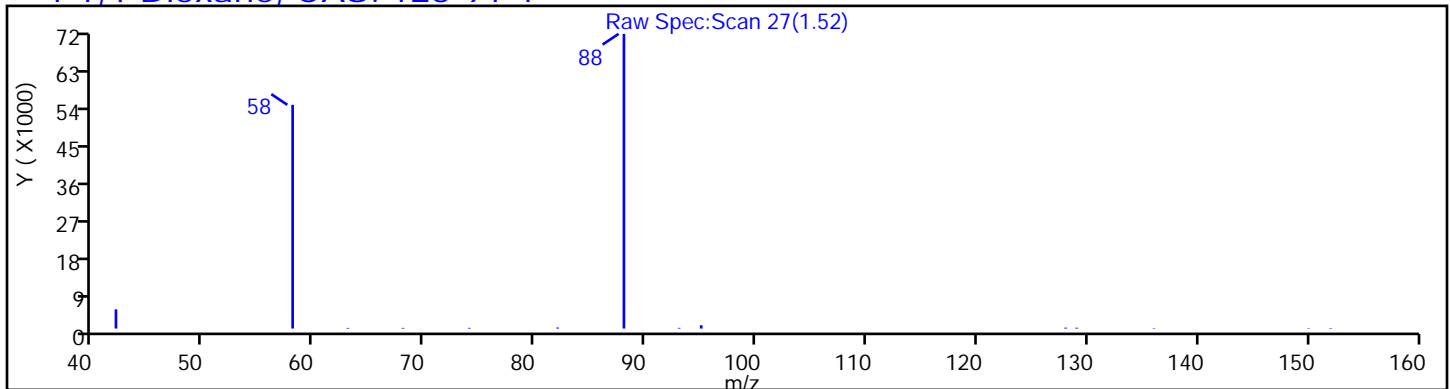
Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: DEC4D1_20200818 Lab Sample ID: 460-216353-3
 Matrix: Water Lab File ID: U694907.D
 Analysis Method: 8270D SIM Date Collected: 08/18/2020 11:35
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/22/2020 00:52
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	4.8		0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	90		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694907.D
 Lims ID: 460-216353-D-3-A
 Client ID: DEC4D1_20200818
 Sample Type: Client
 Inject. Date: 22-Aug-2020 00:52:30 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-022
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:26:15 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy Date: 22-Aug-2020 02:08:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.524	1.549	-0.016	90	69741	0.6059	
* 4 1,4-Dichlorobenzene-d4	152	4.044	4.020	0.024	96	54415	0.2000	
\$ 6 Nitrobenzene-d5	82	4.576	4.543	0.033	96	237481	0.9039	
* 7 Naphthalene-d8	136	5.268	5.227	0.041	100	167273	0.2000	
* 11 Acenaphthene-d10	164	6.941	6.888	0.053	96	93425	0.2000	
* 18 Phenanthrene-d10	188	8.337	8.270	0.067	100	115788	0.2000	
* 25 Chrysene-d12	240	10.885	10.788	0.097	100	116586	0.2000	
* 30 Perylene-d12	264	12.642	12.506	0.136	100	145920	0.2000	

34 DFTPP

Reagents:

SM_SIMISTDLVI_00030 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694907.D

Injection Date: 22-Aug-2020 00:52:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: 460-216353-D-3-A

Lab Sample ID: 460-216353-3

Worklist Smp#: 22

Client ID: DEC4D1_20200818

Injection Vol: 5.0 ul

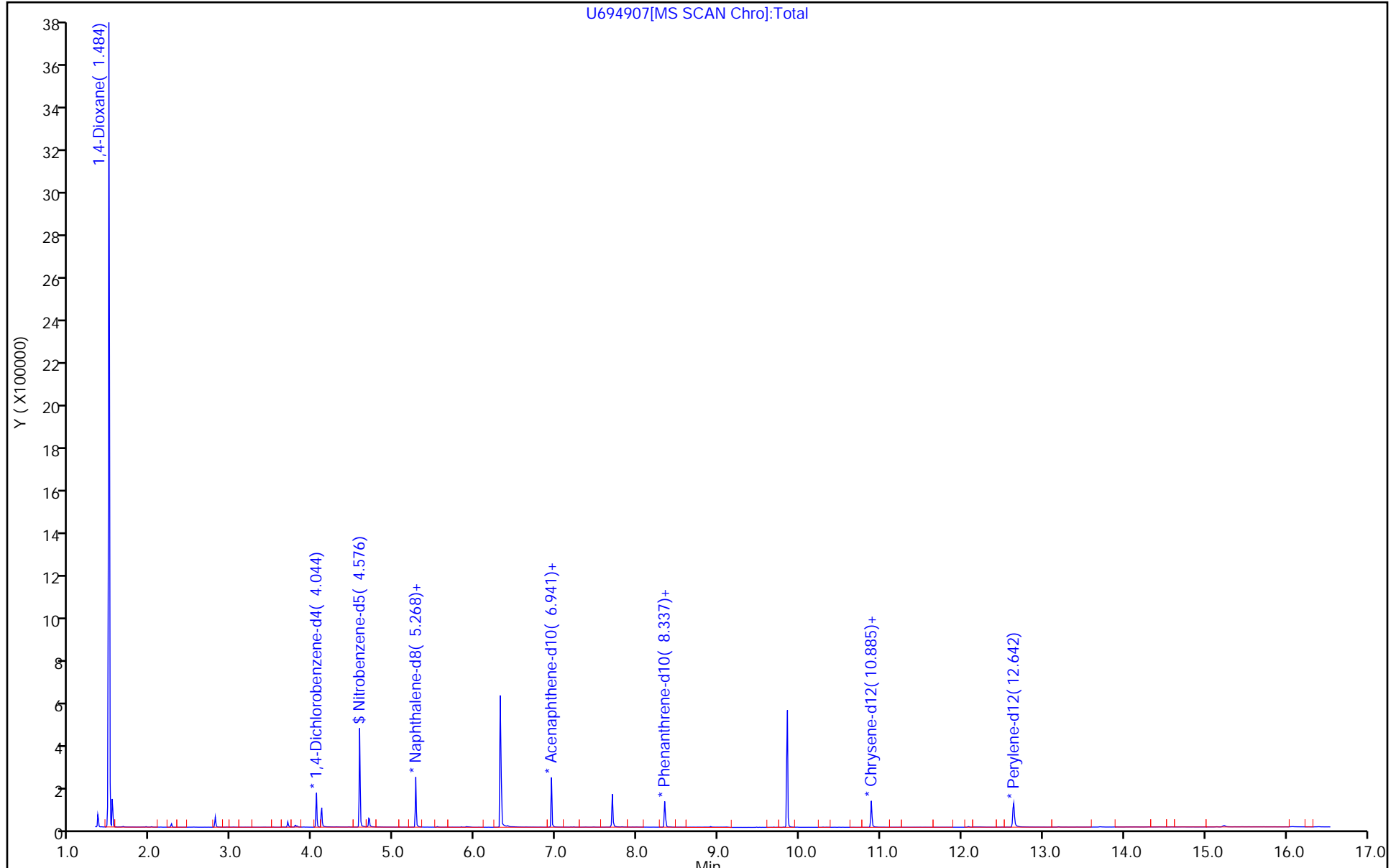
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694907.D

Injection Date: 22-Aug-2020 00:52:30

Instrument ID: CBNAMS4

Lims ID: 460-216353-D-3-A

Lab Sample ID: 460-216353-3

Client ID: DEC4D1_20200818

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

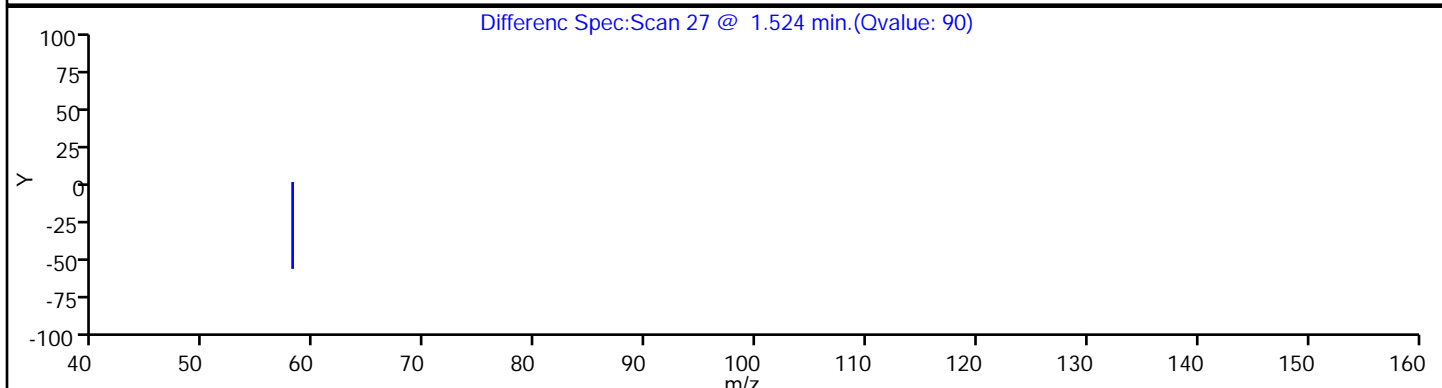
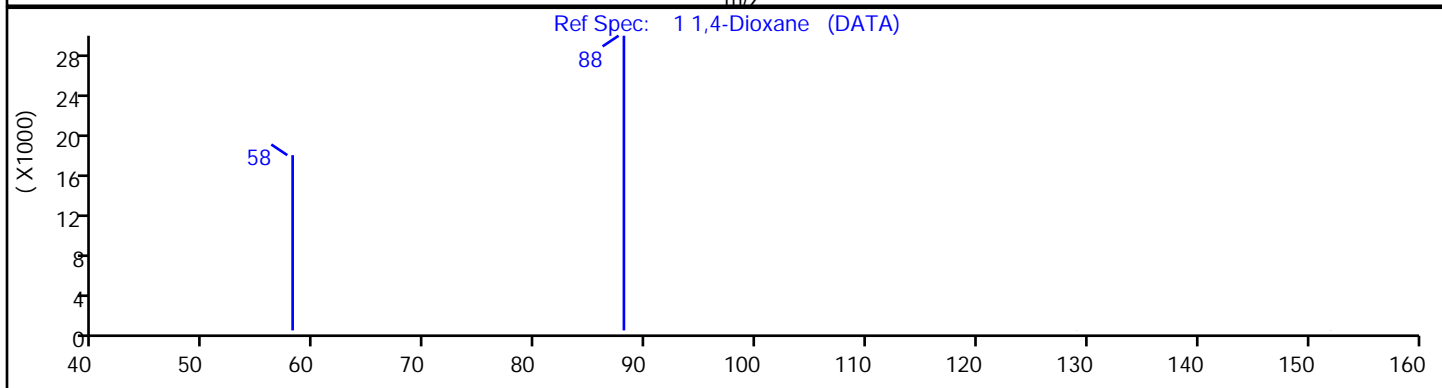
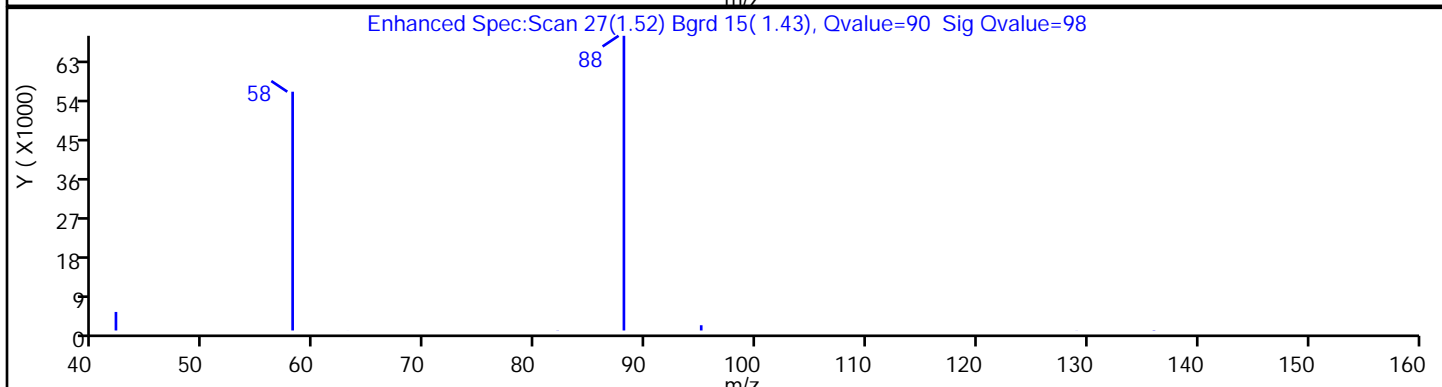
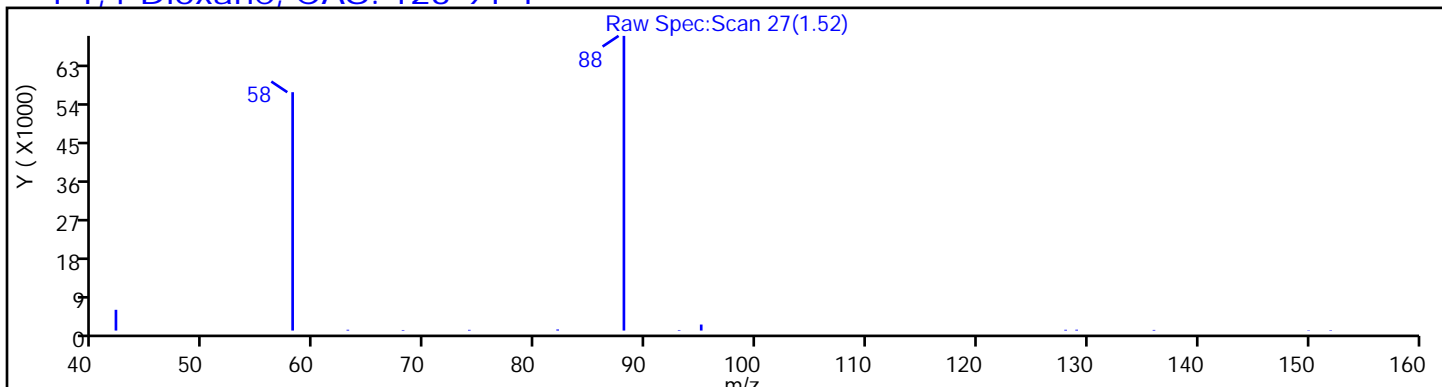
Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 716888

SDG No.: _____

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 05:19 Calibration End Date: 08/15/2020 07:20 Calibration ID: 81538

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-716888/7	U694682.D
Level 2	STD2 460-716888/6	U694681.D
Level 3	ICIS 460-716888/2	U694677.D
Level 4	STD4 460-716888/5	U694680.D
Level 5	STD5 460-716888/4	U694679.D
Level 6	STD6 460-716888/3	U694678.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R ² OR COD	#	MIN R ² OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.5254 0.4002	0.4528	0.3802	0.3904	0.3894	Ave		0.4230			0.0100	13.3		20.0			
Nitrobenzene-d5	0.2767 0.3414	0.3437	0.3162	0.3022	0.3047	Ave		0.3141			0.0100	8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1 Analy Batch No.: 716888

SDG No.: _____

Instrument ID: CBNAMS4 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2020 05:19 Calibration End Date: 08/15/2020 07:20 Calibration ID: 81538

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-716888/7	U694682.D
Level 2	STD2 460-716888/6	U694681.D
Level 3	ICIS 460-716888/2	U694677.D
Level 4	STD4 460-716888/5	U694680.D
Level 5	STD5 460-716888/4	U694679.D
Level 6	STD6 460-716888/3	U694678.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	DCBd 4	Ave	4919 157875	10091	18882	39043	74794	0.0400 2.00	0.100	0.200	0.400	0.800
Nitrobenzene-d5	NPT	Ave	20093 2152170	48701	104106	193122	225524	0.100 10.0	0.200	0.400	0.800	1.00

Curve Type Legend:

Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694677.D
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 15-Aug-2020 05:19:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115110-002
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:20 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: hamziy Date: 15-Aug-2020 05:50:39

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	1.556	1.556	0.000	99	18882	0.2000	0.1797	
2 N-Nitrosodimethylamine	74	1.774	1.774	0.000	96	13100	0.1000	0.0997	
3 Bis(2-chloroethyl)ether	93	3.795	3.795	0.000	96	5204	0.0200	0.0191	
* 4 1,4-Dichlorobenzene-d4	152	4.052	4.052	0.000	97	49668	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.584	4.584	0.000	96	104106	0.4000	0.4026	
* 7 Naphthalene-d8	136	5.276	5.276	0.000	100	164613	0.2000	0.2000	
8 Naphthalene	128	5.292	5.292	0.000	100	16650	0.0200	0.0192	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	100	264196	0.4000	0.4562	
10 Acenaphthylene	152	6.809	6.809	0.000	100	17236	0.0200	0.0205	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	90	64470	0.2000	0.2000	
12 Acenaphthene	154	6.981	6.981	0.000	95	8893	0.0200	0.0233	
13 Fluorene	166	7.468	7.468	0.000	97	11021	0.0200	0.0244	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	90	4943	0.2000	0.1944	
\$ 15 2,4,6-Tribromophenol	330	7.705	7.705	0.000	98	18905	0.4000	0.4201	
16 Hexachlorobenzene	284	7.994	7.994	0.000	63	3347	0.0200	0.0186	
17 Pentachlorophenol	266	8.179	8.179	0.000	94	6009	0.1000	0.0911	
* 18 Phenanthrene-d10	188	8.350	8.350	0.000	100	128702	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	97	12862	0.0200	0.0161	
20 Anthracene	178	8.416	8.416	0.000	96	14820	0.0200	0.0176	
21 Fluoranthene	202	9.480	9.480	0.000	100	12258	0.0200	0.0155	
22 Pyrene	202	9.685	9.685	0.000	99	13705	0.0200	0.0204	
\$ 23 Terphenyl-d14	244	9.851	9.851	0.000	100	164665	0.4000	0.3991	
24 Benzo[a]anthracene	228	10.875	10.875	0.000	33	10247	0.0200	0.0183	
* 25 Chrysene-d12	240	10.895	10.895	0.000	100	89014	0.2000	0.2000	
26 Chrysene	228	10.914	10.914	0.000	63	12550	0.0200	0.0194	
27 Benzo[b]fluoranthene	252	12.154	12.154	0.000	100	10728	0.0200	0.0195	
28 Benzo[k]fluoranthene	252	12.183	12.183	0.000	69	14092	0.0200	0.0191	
29 Benzo[a]pyrene	252	12.563	12.563	0.000	98	10088	0.0200	0.0179	M
* 30 Perylene-d12	264	12.642	12.642	0.000	100	103233	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.086	14.086	0.000	95	8582	0.0200	0.0168	M
32 Dibenz(a,h)anthracene	278	14.125	14.125	0.000	91	8579	0.0200	0.0187	

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694677.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.447	14.447	0.000	86	10992	0.0200	0.0166	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvlL3_00017

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694677.D

Injection Date: 15-Aug-2020 05:19:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: icis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

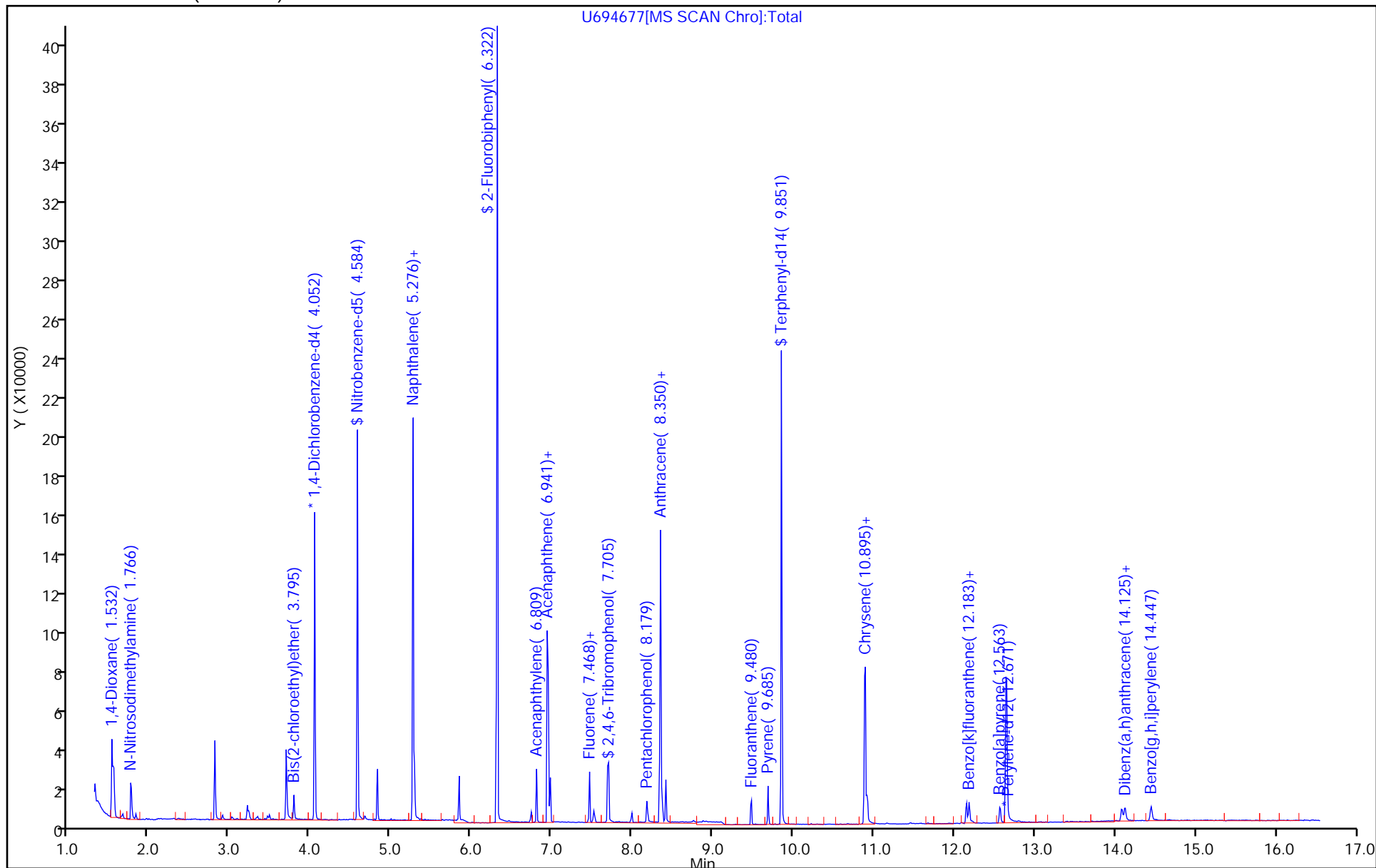
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694678.D
 Lims ID: std6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 15-Aug-2020 05:43:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115094-003
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:21 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: nimerd

Date: 15-Aug-2020 08:53:01

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.532	1.556	-0.024	89	157875	2.00	1.89	
2 N-Nitrosodimethylamine	74	1.741	1.774	-0.033	93	115251	1.00	1.10	
3 Bis(2-chloroethyl)ether	93	3.794	3.795	-0.001	96	215107	1.00	1.00	
* 4 1,4-Dichlorobenzene-d4	152	4.052	4.052	0.000	95	39452	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.583	4.584	-0.001	99	2152170	10.0	10.9	
* 7 Naphthalene-d8	136	5.275	5.276	-0.001	100	126066	0.2000	0.2000	
8 Naphthalene	128	5.292	5.292	0.000	100	254376	0.4000	0.3822	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	100	4519912	10.0	9.68	
10 Acenaphthylene	152	6.809	6.809	0.000	99	244033	0.4000	0.3597	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	92	51957	0.2000	0.2000	
12 Acenaphthene	154	6.981	6.981	0.000	91	107737	0.4000	0.3498	
13 Fluorene	166	7.468	7.468	0.000	94	130723	0.4000	0.3585	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	100	60344	2.00	2.00	
\$ 15 2,4,6-Tribromophenol	330	7.692	7.705	-0.013	89	451690	10.0	12.5	
16 Hexachlorobenzene	284	7.994	7.994	0.000	63	118442	1.00	1.03	
17 Pentachlorophenol	266	8.179	8.179	0.000	84	73820	1.00	1.75	
* 18 Phenanthrene-d10	188	8.350	8.350	0.000	99	82346	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	99	223843	0.4000	0.4368	
20 Anthracene	178	8.416	8.416	0.000	95	227877	0.4000	0.4237	
21 Fluoranthene	202	9.470	9.480	-0.010	99	223579	0.4000	0.4426	
22 Pyrene	202	9.684	9.685	-0.001	100	212065	0.4000	0.4014	
\$ 23 Terphenyl-d14	244	9.850	9.851	-0.001	99	3125629	10.0	9.61	
24 Benzo[a]anthracene	228	10.875	10.875	0.000	5	177219	0.4000	0.4027	
* 25 Chrysene-d12	240	10.885	10.895	-0.010	72	70140	0.2000	0.2000	
26 Chrysene	228	10.914	10.914	0.000	99	198735	0.4000	0.3895	
27 Benzo[b]fluoranthene	252	12.144	12.154	-0.010	98	204305	0.4000	0.3980	
28 Benzo[k]fluoranthene	252	12.183	12.183	0.000	84	270407	0.4000	0.3935	
29 Benzo[a]pyrene	252	12.563	12.563	0.000	100	225700	0.4000	0.4297	
* 30 Perylene-d12	264	12.641	12.642	-0.001	98	96264	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.076	14.086	-0.010	100	245912	0.4000	0.5163	M
32 Dibenz(a,h)anthracene	278	14.115	14.125	-0.010	88	249944	0.4000	0.4003	

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694678.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.446	14.447	-0.001	83	315325	0.4000	0.5115	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvl6_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694678.D

Injection Date: 15-Aug-2020 05:43:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: std6

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

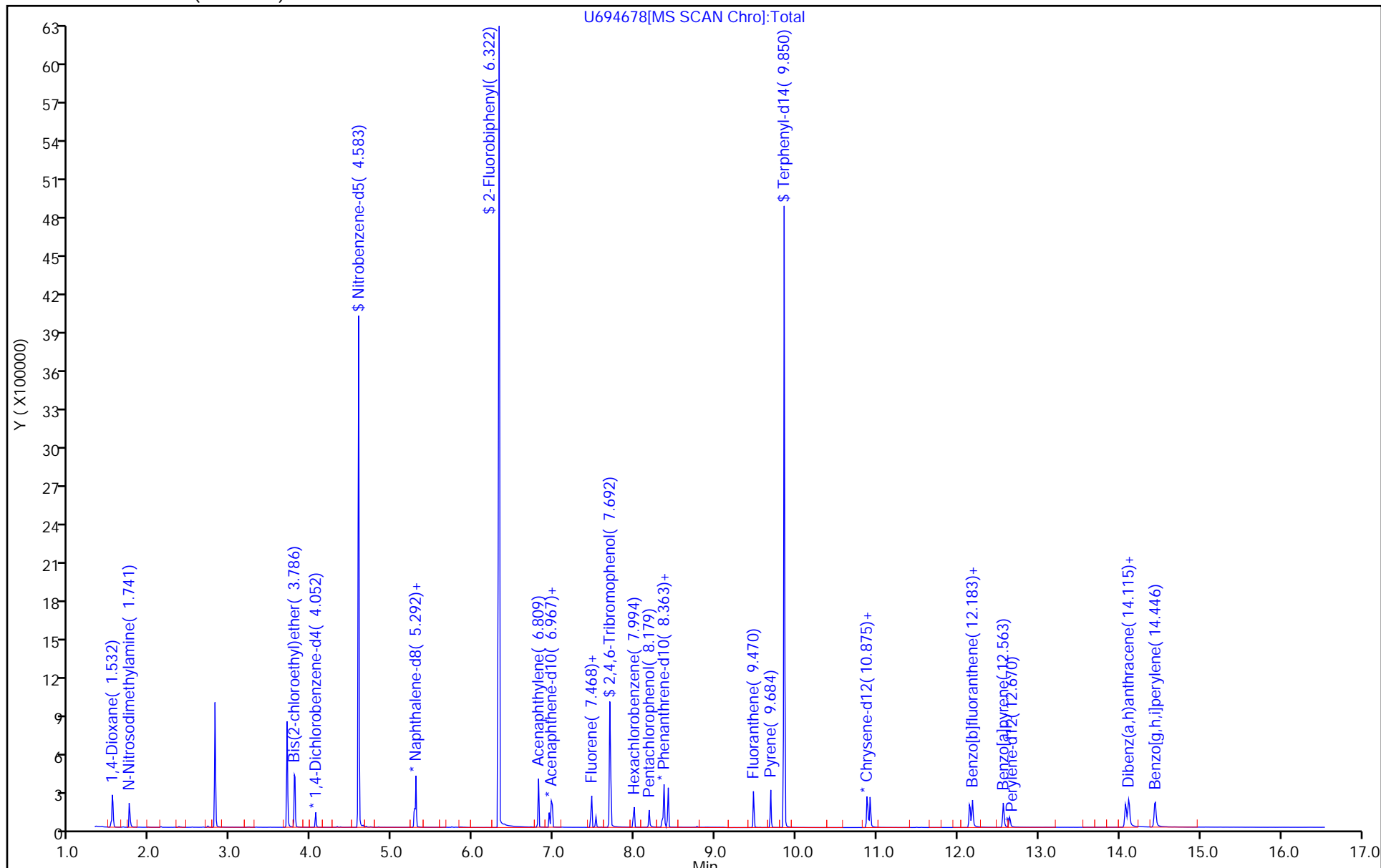
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694679.D
 Lims ID: std5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 15-Aug-2020 06:07:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115094-004
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:22 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: nimerd Date: 15-Aug-2020 08:53:32

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.542	1.556	-0.014	100	74794	0.8000	0.7364	
2 N-Nitrosodimethylamine	74	1.752	1.774	-0.022	100	52246	0.4000	0.4115	
3 Bis(2-chloroethyl)ether	93	3.789	3.795	-0.006	86	102123	0.4000	0.3885	
* 4 1,4-Dichlorobenzene-d4	152	4.054	4.052	0.002	94	48017	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.578	4.584	-0.006	89	225524	1.00	0.9698	
* 7 Naphthalene-d8	136	5.270	5.276	-0.006	100	148053	0.2000	0.2000	
8 Naphthalene	128	5.294	5.292	0.002	100	148000	0.2000	0.1894	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	100	584196	1.00	0.9377	
10 Acenaphthylene	152	6.809	6.809	0.000	99	170445	0.2000	0.1882	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	91	69361	0.2000	0.2000	
12 Acenaphthene	154	6.980	6.981	-0.001	93	73884	0.2000	0.1797	
13 Fluorene	166	7.467	7.468	-0.001	95	84144	0.2000	0.1729	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	97	20301	0.8000	0.7961	
\$ 15 2,4,6-Tribromophenol	330	7.691	7.705	-0.014	87	44558	1.00	0.9204	
16 Hexachlorobenzene	284	7.994	7.994	0.000	70	55012	0.4000	0.4006	
17 Pentachlorophenol	266	8.178	8.179	-0.001	91	24755	0.4000	0.4911	
* 18 Phenanthrene-d10	188	8.349	8.350	-0.001	100	98401	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	99	107771	0.2000	0.1760	
20 Anthracene	178	8.415	8.416	-0.001	95	122738	0.2000	0.1910	
21 Fluoranthene	202	9.471	9.480	-0.009	99	109035	0.2000	0.1806	
22 Pyrene	202	9.685	9.685	0.000	100	113791	0.2000	0.1791	
\$ 23 Terphenyl-d14	244	9.851	9.851	0.000	99	382835	1.00	0.9794	
24 Benzo[a]anthracene	228	10.876	10.875	0.001	6	94112	0.2000	0.1779	
* 25 Chrysene-d12	240	10.895	10.895	0.000	99	84339	0.2000	0.2000	
26 Chrysene	228	10.915	10.914	0.001	97	114878	0.2000	0.1872	
27 Benzo[b]fluoranthene	252	12.154	12.154	0.000	98	93970	0.2000	0.1789	
28 Benzo[k]fluoranthene	252	12.183	12.183	0.000	92	136928	0.2000	0.1947	
29 Benzo[a]pyrene	252	12.564	12.563	0.001	100	106289	0.2000	0.1978	
* 30 Perylene-d12	264	12.642	12.642	0.000	100	98504	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.086	14.086	0.000	97	108016	0.2000	0.2216	M
32 Dibenz(a,h)anthracene	278	14.125	14.125	0.000	88	109715	0.2000	0.1975	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.447	14.447	0.000	79	137770	0.2000	0.2184	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvlL5_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694679.D

Injection Date: 15-Aug-2020 06:07:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: std5

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

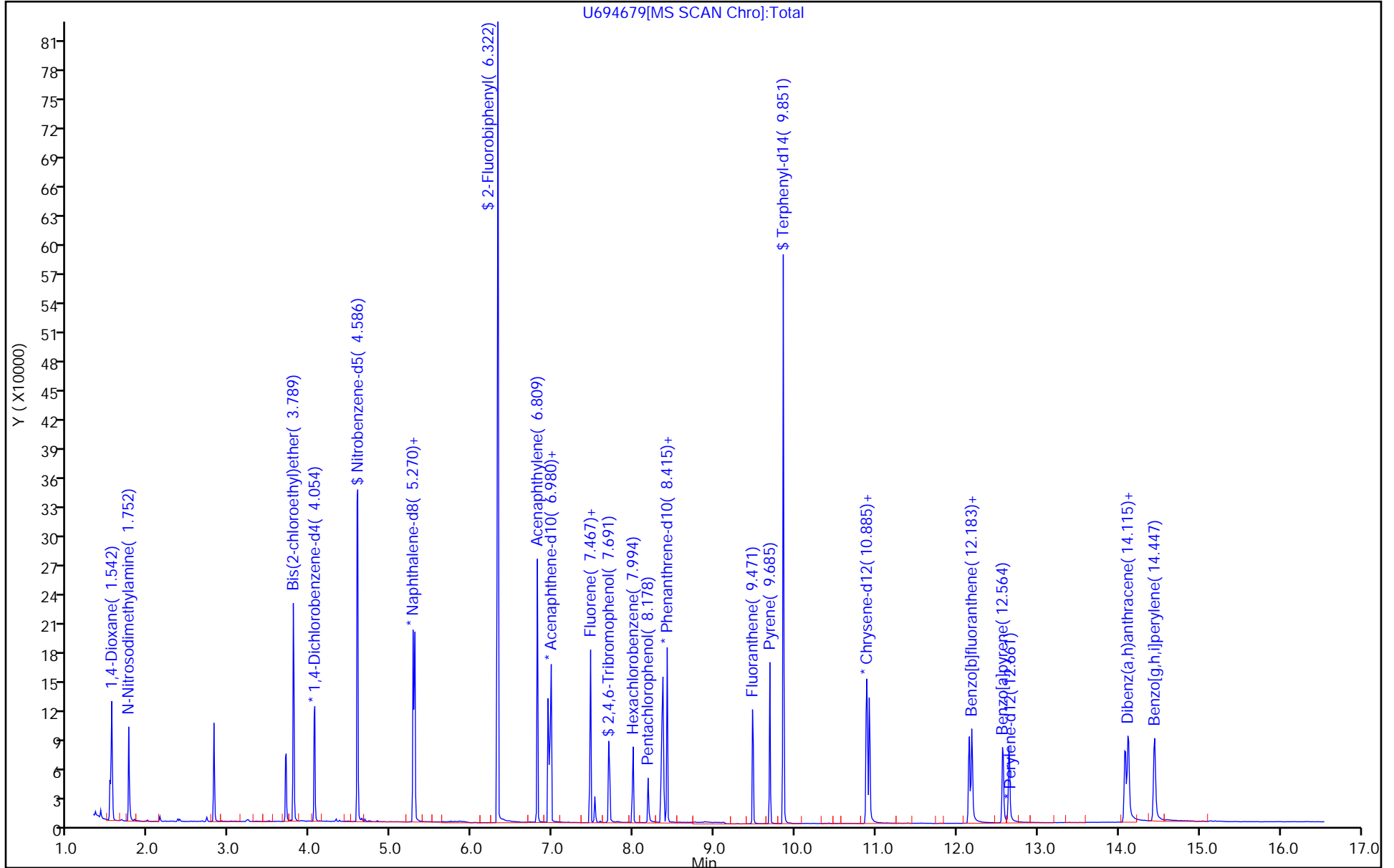
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694680.D
 Lims ID: std4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 15-Aug-2020 06:31:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115094-005
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:23 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: nimerd

Date: 15-Aug-2020 08:54:01

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.548	1.556	-0.008	98	39043	0.4000	0.3691	
2 N-Nitrosodimethylamine	74	1.766	1.774	-0.008	95	25749	0.2000	0.1947	
3 Bis(2-chloroethyl)ether	93	3.795	3.795	0.000	100	48060	0.2000	0.1756	
* 4 1,4-Dichlorobenzene-d4	152	4.052	4.052	0.000	96	50006	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.584	4.584	0.000	98	193122	0.8000	0.7695	
* 7 Naphthalene-d8	136	5.276	5.276	0.000	100	159780	0.2000	0.2000	
8 Naphthalene	128	5.292	5.292	0.000	100	78015	0.1000	0.0925	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	99	451093	0.8000	0.7505	
10 Acenaphthylene	152	6.810	6.809	0.001	99	81148	0.1000	0.0929	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	90	66911	0.2000	0.2000	
12 Acenaphthene	154	6.981	6.981	0.000	95	34420	0.1000	0.0868	
13 Fluorene	166	7.468	7.468	0.000	95	39135	0.1000	0.0833	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	97	8624	0.4000	0.4103	
\$ 15 2,4,6-Tribromophenol	330	7.692	7.705	-0.013	88	32144	0.8000	0.6883	
16 Hexachlorobenzene	284	7.994	7.994	0.000	70	26937	0.2000	0.2045	
17 Pentachlorophenol	266	8.179	8.179	0.000	90	9905	0.2000	0.2048	
* 18 Phenanthrene-d10	188	8.350	8.350	0.000	100	94411	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	99	54869	0.1000	0.0934	
20 Anthracene	178	8.416	8.416	0.000	95	58799	0.1000	0.0954	
21 Fluoranthene	202	9.479	9.480	-0.001	100	54909	0.1000	0.0948	
22 Pyrene	202	9.684	9.685	-0.001	99	58903	0.1000	0.0925	
\$ 23 Terphenyl-d14	244	9.850	9.851	-0.001	99	316922	0.8000	0.8086	
24 Benzo[a]anthracene	228	10.875	10.875	0.000	9	46911	0.1000	0.0884	
* 25 Chrysene-d12	240	10.894	10.895	-0.001	99	84561	0.2000	0.2000	
26 Chrysene	228	10.914	10.914	0.000	97	59831	0.1000	0.0973	
27 Benzo[b]fluoranthene	252	12.153	12.154	-0.001	98	56583	0.1000	0.1008	
28 Benzo[k]fluoranthene	252	12.182	12.183	-0.001	84	78490	0.1000	0.1044	
29 Benzo[a]pyrene	252	12.563	12.563	0.000	100	60043	0.1000	0.1045	
* 30 Perylene-d12	264	12.641	12.642	-0.001	98	105314	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.075	14.086	-0.011	100	58061	0.1000	0.1114	M
32 Dibenz(a,h)anthracene	278	14.114	14.125	-0.011	89	57305	0.1000	0.1042	

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694680.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.446	14.447	-0.001	93	72884	0.1000	0.1081	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvl4_00013

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694680.D

Injection Date: 15-Aug-2020 06:31:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: std4

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

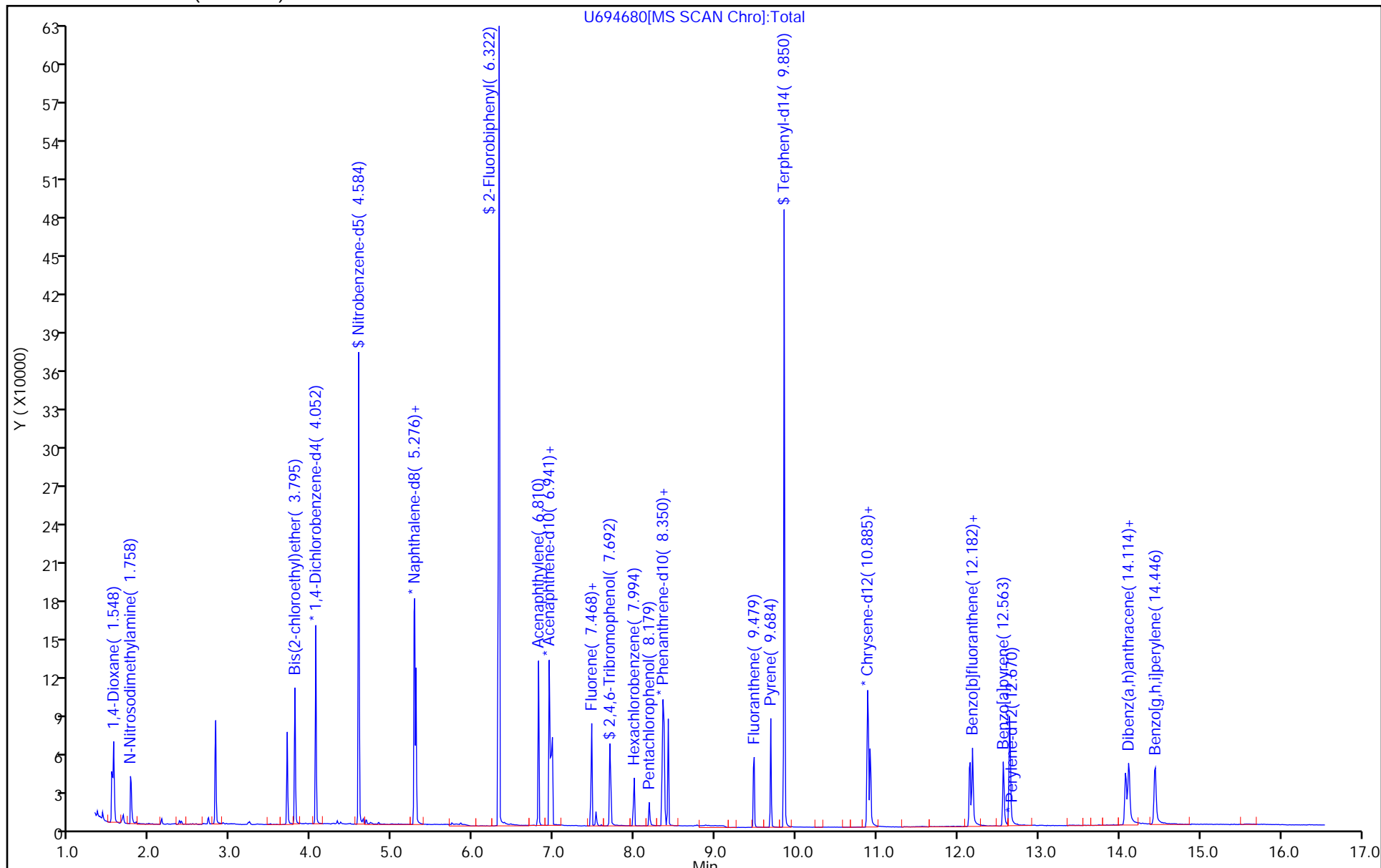
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694681.D
 Lims ID: std2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 15-Aug-2020 06:56:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115094-006
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:25 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: nimerd

Date: 15-Aug-2020 08:54:40

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	1.543	1.556	-0.013	100	10091	0.1000	0.1070	M
2 N-Nitrosodimethylamine	74	1.760	1.774	-0.014	94	5751	0.0500	0.0488	
3 Bis(2-chloroethyl)ether	93	3.789	3.795	-0.006	88	1225	0.005000	0.005020	
* 4 1,4-Dichlorobenzene-d4	152	4.047	4.052	-0.005	98	44573	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.578	4.584	-0.006	90	48701	0.2000	0.2188	
* 7 Naphthalene-d8	136	5.271	5.276	-0.005	100	141700	0.2000	0.2000	
8 Naphthalene	128	5.287	5.292	-0.005	100	8423	0.0100	0.0113	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	99	107732	0.2000	0.1952	
10 Acenaphthylene	152	6.809	6.809	0.000	100	8952	0.0100	0.0112	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	92	61428	0.2000	0.2000	
12 Acenaphthene	154	6.981	6.981	0.000	96	3908	0.0100	0.0107	
13 Fluorene	166	7.468	7.468	0.000	94	4313	0.0100	0.0100	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	91	1594	0.1000	0.0989	
\$ 15 2,4,6-Tribromophenol	330	7.692	7.705	-0.013	87	7932	0.2000	0.1850	
16 Hexachlorobenzene	284	7.994	7.994	0.000	65	619	0.005000	0.004894	
17 Pentachlorophenol	266	8.179	8.179	0.000	93	2056	0.0500	0.0443	
* 18 Phenanthrene-d10	188	8.350	8.350	0.000	100	90648	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	98	6572	0.0100	0.0117	
20 Anthracene	178	8.416	8.416	0.000	95	6624	0.0100	0.0112	
21 Fluoranthene	202	9.470	9.480	-0.010	99	7330	0.0100	0.0132	
22 Pyrene	202	9.685	9.685	0.000	99	7966	0.0100	0.0112	
\$ 23 Terphenyl-d14	244	9.851	9.851	0.000	99	92221	0.2000	0.2101	
24 Benzo[a]anthracene	228	10.875	10.875	0.000	44	7150	0.0100	0.0120	
* 25 Chrysene-d12	240	10.895	10.895	0.000	100	94688	0.2000	0.2000	
26 Chrysene	228	10.914	10.914	0.000	99	7221	0.0100	0.0105	
27 Benzo[b]fluoranthene	252	12.144	12.154	-0.010	97	5783	0.0100	0.0102	
28 Benzo[k]fluoranthene	252	12.183	12.183	0.000	99	8256	0.0100	0.0108	
29 Benzo[a]pyrene	252	12.564	12.563	0.001	100	5900	0.0100	0.0101	M
* 30 Perylene-d12	264	12.642	12.642	0.000	100	106600	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.086	14.086	0.000	97	4494	0.0100	0.008521	M
32 Dibenz(a,h)anthracene	278	14.125	14.125	0.000	38	3896	0.0100	0.009360	

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694681.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.447	14.447	0.000	74	6097	0.0100	0.008931	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvlL2_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694681.D

Injection Date: 15-Aug-2020 06:56:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: std2

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

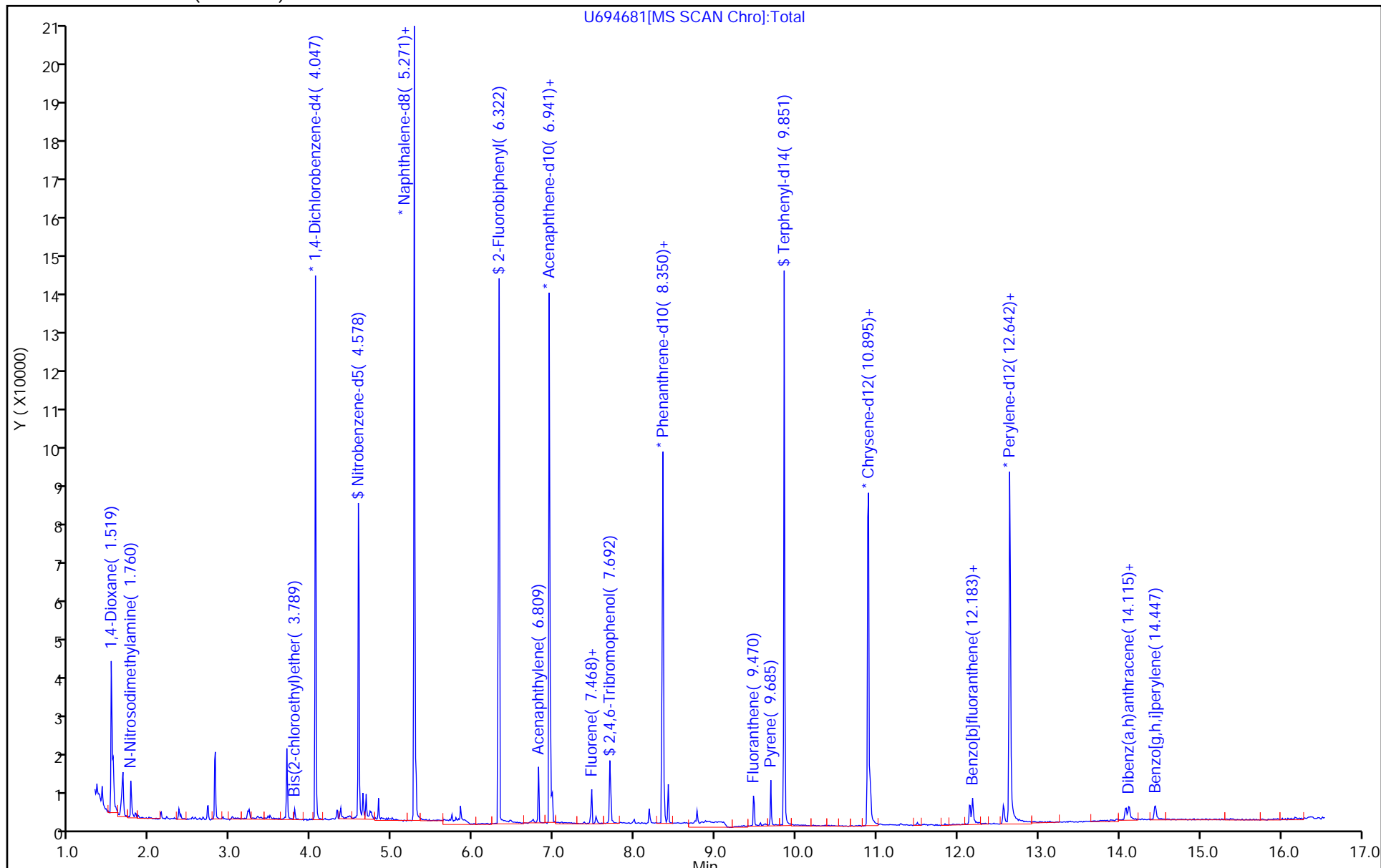
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

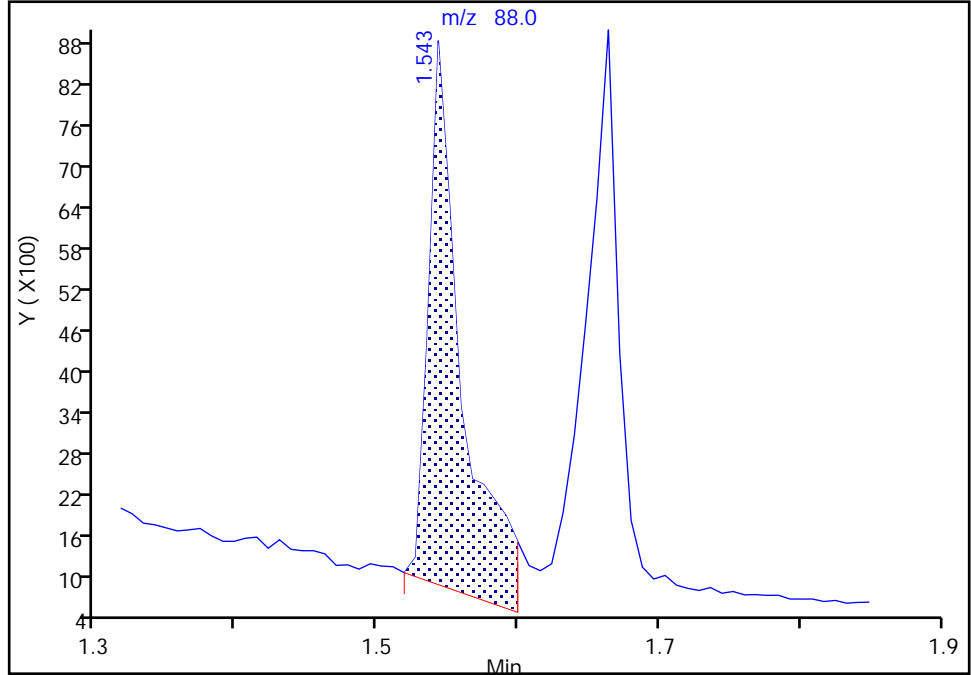
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694681.D
Injection Date: 15-Aug-2020 06:56:30 Instrument ID: CBNAMS4
Lims ID: std2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

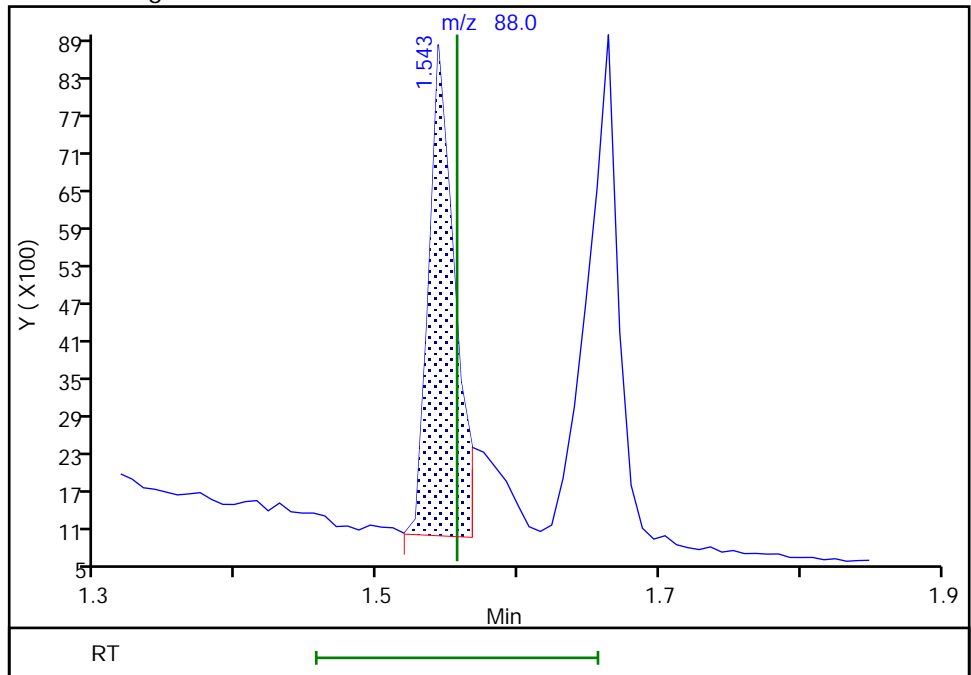
RT: 1.54
Area: 13265
Amount: 0.119834
Amount Units: ug/ml

Processing Integration Results



RT: 1.54
Area: 10091
Amount: 0.107030
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 15-Aug-2020 08:54:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Lims ID: std1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 15-Aug-2020 07:20:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115094-007
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 15-Aug-2020 10:28:26 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1014

First Level Reviewer: nimerd

Date: 15-Aug-2020 08:55:17

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.550	1.556	-0.006	100	4919	0.0400	0.0497	M
2 N-Nitrosodimethylamine	74	1.776	1.774	0.002	98	2277	0.0200	0.0184	
3 Bis(2-chloroethyl)ether	93	3.797	3.795	0.002	99	612	0.002000	0.002388	
* 4 1,4-Dichlorobenzene-d4	152	4.054	4.052	0.002	94	46815	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.586	4.584	0.002	98	20093	0.1000	0.0881	
* 7 Naphthalene-d8	136	5.270	5.276	-0.006	100	145252	0.2000	0.2000	
8 Naphthalene	128	5.294	5.292	0.002	93	4175	0.005000	0.005445	
\$ 9 2-Fluorobiphenyl	172	6.322	6.322	0.000	100	52055	0.1000	0.1039	
10 Acenaphthylene	152	6.809	6.809	0.000	99	3972	0.005000	0.005454	
* 11 Acenaphthene-d10	164	6.941	6.941	0.000	90	55780	0.2000	0.2000	
12 Acenaphthene	154	6.980	6.981	-0.001	95	1855	0.005000	0.005611	
13 Fluorene	166	7.467	7.468	-0.001	92	2325	0.005000	0.005939	
14 4,6-Dinitro-2-methylphenol	198	7.520	7.520	0.000	86	590	0.0400	0.0398	
\$ 15 2,4,6-Tribromophenol	330	7.691	7.705	-0.014	89	3887	0.1000	0.0998	
16 Hexachlorobenzene	284	7.994	7.994	0.000	54	310	0.002000	0.002069	
17 Pentachlorophenol	266	8.178	8.179	-0.001	82	1046	0.0200	0.0190	
* 18 Phenanthrene-d10	188	8.349	8.350	-0.001	100	107363	0.2000	0.2000	
19 Phenanthrene	178	8.363	8.363	0.000	96	3761	0.005000	0.005629	
20 Anthracene	178	8.415	8.416	-0.001	95	3616	0.005000	0.005157	
21 Fluoranthene	202	9.470	9.480	-0.010	99	3121	0.005000	0.004739	
22 Pyrene	202	9.685	9.685	0.000	100	3019	0.005000	0.005184	
\$ 23 Terphenyl-d14	244	9.851	9.851	0.000	98	35836	0.1000	0.1000	
24 Benzo[a]anthracene	228	10.875	10.875	0.000	90	2664	0.005000	0.005492	
* 25 Chrysene-d12	240	10.885	10.895	-0.010	99	77325	0.2000	0.2000	
26 Chrysene	228	10.914	10.914	0.000	99	3095	0.005000	0.005502	
27 Benzo[b]fluoranthene	252	12.144	12.154	-0.010	98	3052	0.005000	0.005557	
28 Benzo[k]fluoranthene	252	12.183	12.183	0.000	82	3520	0.005000	0.004788	
29 Benzo[a]pyrene	252	12.564	12.563	0.001	99	2759	0.005000	0.004910	M
* 30 Perylene-d12	264	12.642	12.642	0.000	100	102983	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.076	14.086	-0.010	98	2024	0.005000	0.003972	M
32 Dibenz(a,h)anthracene	278	14.115	14.125	-0.010	40	1504	0.005000	0.004925	

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.437	14.447	-0.010	68	2717	0.005000	0.004120	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_simSlvl1_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D

Injection Date: 15-Aug-2020 07:20:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: std1

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

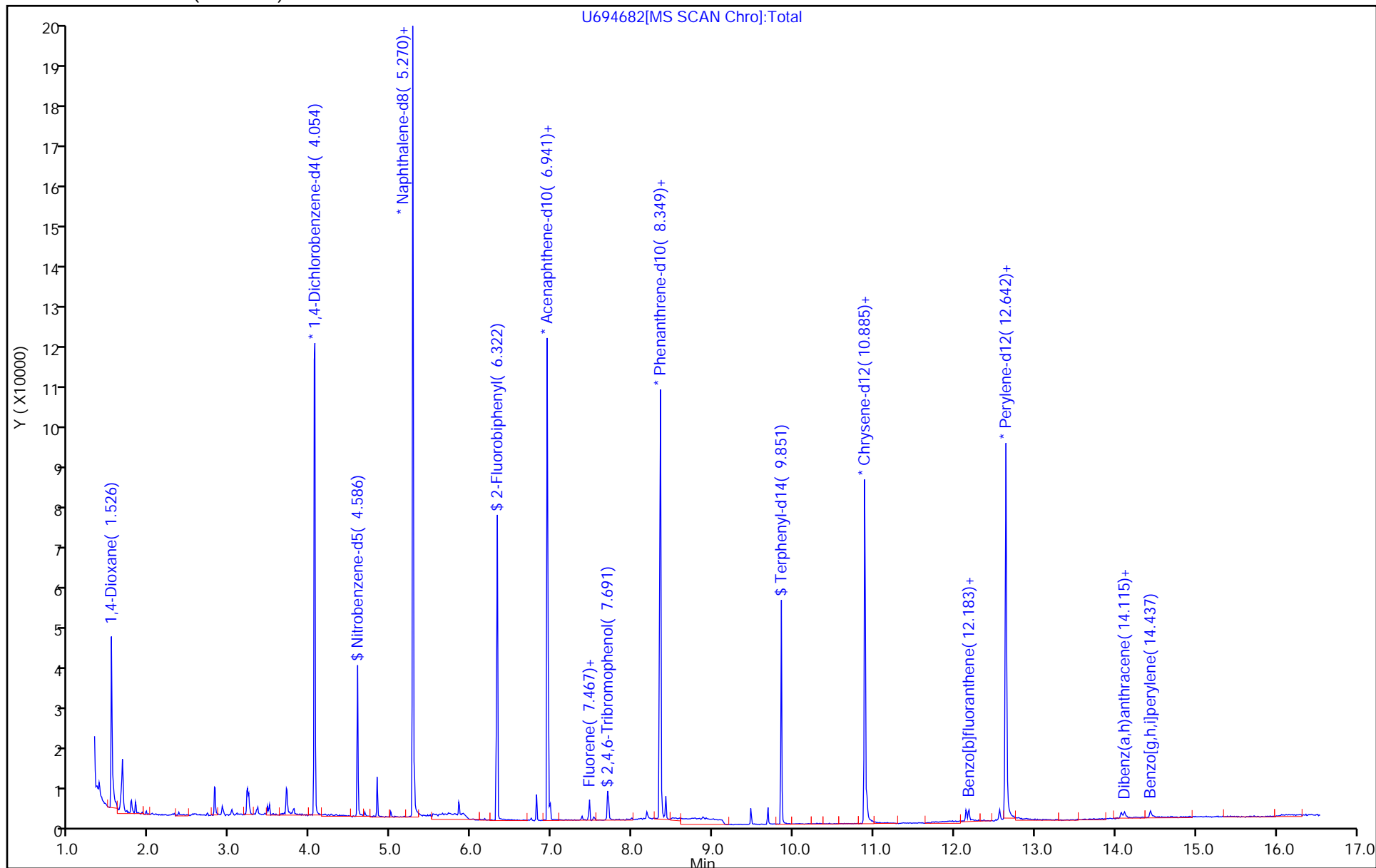
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

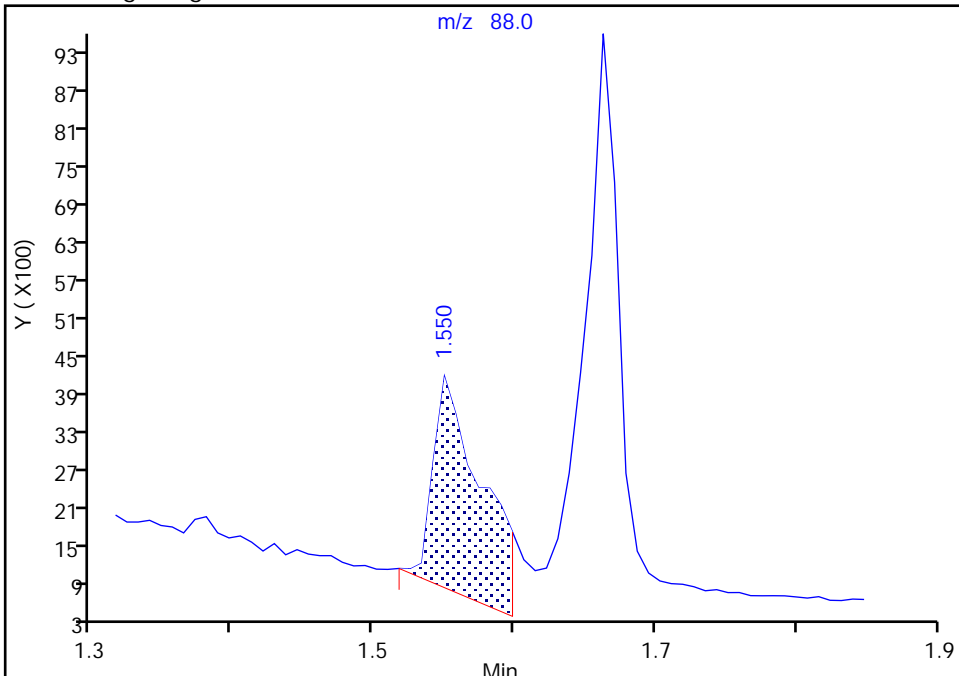
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
Injection Date: 15-Aug-2020 07:20:30 Instrument ID: CBNAMS4
Lims ID: std1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

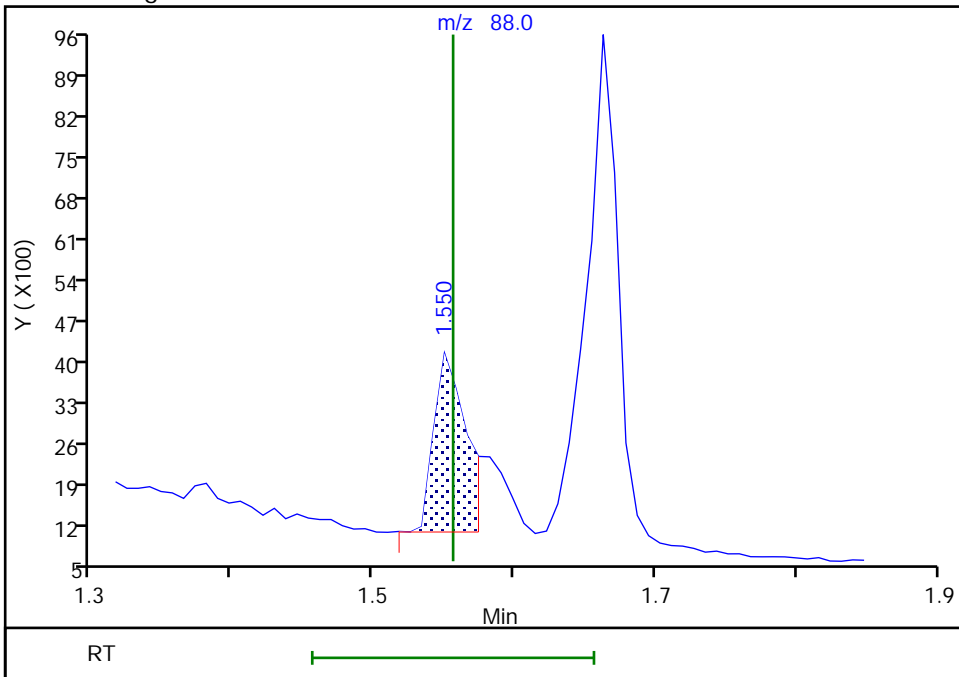
RT: 1.55
Area: 8252
Amount: 0.064158
Amount Units: ug/ml

Processing Integration Results



RT: 1.55
Area: 4919
Amount: 0.049674
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 15-Aug-2020 08:55:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-718768/2 Calibration Date: 08/21/2020 17:43
 Instrument ID: CBNAMS4 Calib Start Date: 08/15/2020 05:19
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 08/15/2020 07:20
 Lab File ID: U694887.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4230	0.4387		207	200	3.7	20.0
N-Nitrosodimethylamine	Ave	0.5289	0.5521		104	100	4.4	20.0
Bis(2-chloroethyl)ether	Ave	1.095	1.029	0.7000	18.8	20.0	-6.0	20.0
Naphthalene	Ave	1.056	1.047	0.7000	19.8	20.0	-0.8	20.0
Acenaphthylene	Ave	2.611	1.696	0.9000	13.0	20.0	-35.0*	20.0
Acenaphthene	Ave	1.185	1.275	0.9000	21.5	20.0	7.5	20.0
Fluorene	Ave	1.404	1.404	0.9000	20.0	20.0	0.0	20.0
4,6-Dinitro-2-methylphenol	Qua		0.0549	0.0100	265	200	32.7*	20.0
Hexachlorobenzene	Ave	0.2791	0.2568	0.1000	18.4	20.0	-8.0	20.0
Pentachlorophenol	Ave	0.1024	0.1550	0.0500	151	100	51.3*	20.0
Phenanthrene	Ave	1.245	1.185	0.7000	19.0	20.0	-4.8	20.0
Anthracene	Ave	1.306	0.9612	0.7000	14.7	20.0	-26.4*	20.0
Fluoranthene	Ave	1.227	1.192	0.6000	19.4	20.0	-2.9	20.0
Pyrene	Ave	1.506	1.124	0.6000	14.9	20.0	-25.4*	20.0
Benzo[a]anthracene	Ave	1.255	1.126	0.8000	17.9	20.0	-10.3	20.0
Chrysene	Ave	1.455	1.303	0.7000	17.9	20.0	-10.4	20.0
Benzo[b]fluoranthene	Ave	1.067	0.9662		18.1	20.0	-9.4	20.0
Benzo[k]fluoranthene	Ave	1.428	1.345	0.7000	18.8	20.0	-5.8	20.0
Benzo[a]pyrene	Ave	1.091	1.128	0.7000	20.7	20.0	3.4	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9895	0.5976	0.5000	12.1	20.0	-39.6*	20.0
Dibenz(a,h)anthracene	Qua		0.6478	0.4000	15.0	20.0	-24.9*	20.0
Benzo[g,h,i]perylene	Ave	1.281	0.7526	0.5000	11.8	20.0	-41.2*	20.0
Nitrobenzene-d5	Ave	0.3141	0.3225		411	400	2.7	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694887.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 21-Aug-2020 17:43:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-002
 Operator ID: Instrument ID: CBNAMS4
 Sublist: chrom-Surr SIM_LVI_4*sub5
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:18:58 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy

Date: 22-Aug-2020 00:10:58

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	1.540	1.540	0.000	99	17456	0.2000	0.2074	
2 N-Nitrosodimethylamine	74	1.749	1.749	0.000	96	10984	0.1000	0.1044	
3 Bis(2-chloroethyl)ether	93	3.762	3.762	0.000	100	4095	0.0200	0.0188	
* 4 1,4-Dichlorobenzene-d4	152	4.020	4.020	0.000	95	39790	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.543	4.543	0.000	94	79202	0.4000	0.4107	
* 7 Naphthalene-d8	136	5.227	5.227	0.000	100	122791	0.2000	0.2000	
8 Naphthalene	128	5.243	5.243	0.000	100	12862	0.0200	0.0198	
\$ 9 2-Fluorobiphenyl	172	6.269	6.269	0.000	99	178676	0.4000	0.3443	
10 Acenaphthylene	152	6.743	6.743	0.000	100	9801	0.0200	0.0130	
* 11 Acenaphthene-d10	164	6.888	6.888	0.000	98	57779	0.2000	0.2000	
12 Acenaphthene	154	6.914	6.914	0.000	100	7366	0.0200	0.0215	
13 Fluorene	166	7.401	7.401	0.000	96	8112	0.0200	0.0200	
14 4,6-Dinitro-2-methylphenol	198	7.454	7.454	0.000	90	5480	0.2000	0.2653	
\$ 15 2,4,6-Tribromophenol	330	7.625	7.625	0.000	88	18845	0.4000	0.4673	
16 Hexachlorobenzene	284	7.928	7.928	0.000	58	2564	0.0200	0.0184	
17 Pentachlorophenol	266	8.112	8.112	0.000	80	7736	0.1000	0.1513	
* 18 Phenanthrene-d10	188	8.270	8.270	0.000	100	99827	0.2000	0.2000	
19 Phenanthrene	178	8.297	8.297	0.000	99	11825	0.0200	0.0190	
20 Anthracene	178	8.349	8.349	0.000	94	9595	0.0200	0.0147	a
21 Fluoranthene	202	9.393	9.393	0.000	100	11896	0.0200	0.0194	
22 Pyrene	202	9.608	9.608	0.000	100	12481	0.0200	0.0149	
\$ 23 Terphenyl-d14	244	9.764	9.764	0.000	100	171386	0.4000	0.3330	
24 Benzo[a]anthracene	228	10.779	10.779	0.000	79	12501	0.0200	0.0179	
* 25 Chrysene-d12	240	10.788	10.788	0.000	100	111056	0.2000	0.2000	
26 Chrysene	228	10.818	10.818	0.000	100	14476	0.0200	0.0179	
27 Benzo[b]fluoranthene	252	12.028	12.028	0.000	98	11597	0.0200	0.0181	
28 Benzo[k]fluoranthene	252	12.057	12.057	0.000	87	16148	0.0200	0.0188	
29 Benzo[a]pyrene	252	12.438	12.438	0.000	97	13539	0.0200	0.0207	
* 30 Perylene-d12	264	12.506	12.506	0.000	98	120021	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	13.931	13.931	0.000	96	7173	0.0200	0.0121	M
32 Dibenz(a,h)anthracene	278	13.970	13.970	0.000	93	7775	0.0200	0.0150	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzo[g,h,i]perylene	276	14.282	14.282	0.000	79	9033	0.0200	0.0118	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_simSlvl3_00018

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694887.D

Injection Date: 21-Aug-2020 17:43:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

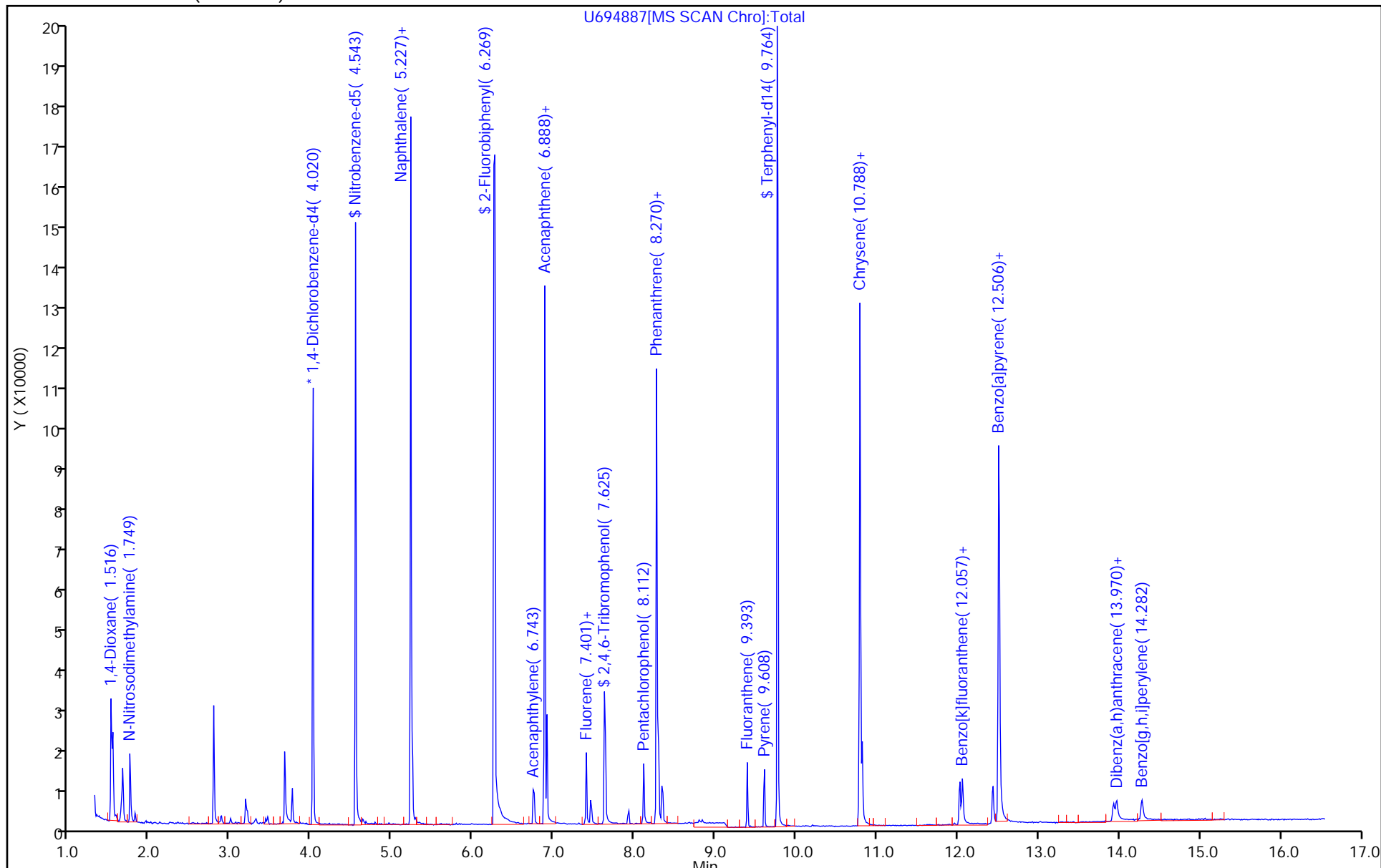
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

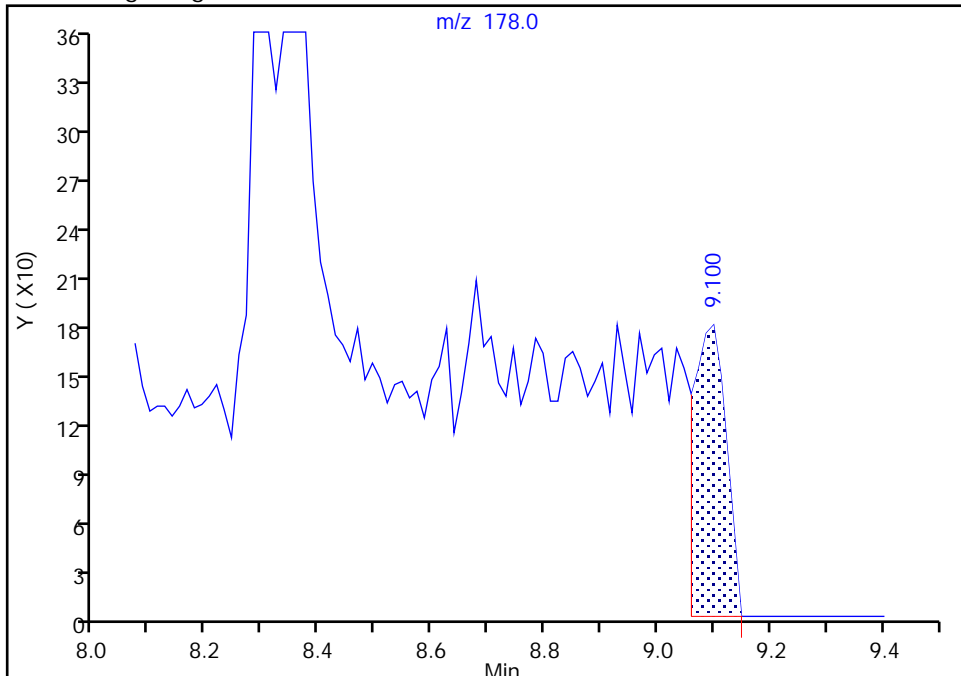
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694887.D
Injection Date: 21-Aug-2020 17:43:30 Instrument ID: CBNAMS4
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

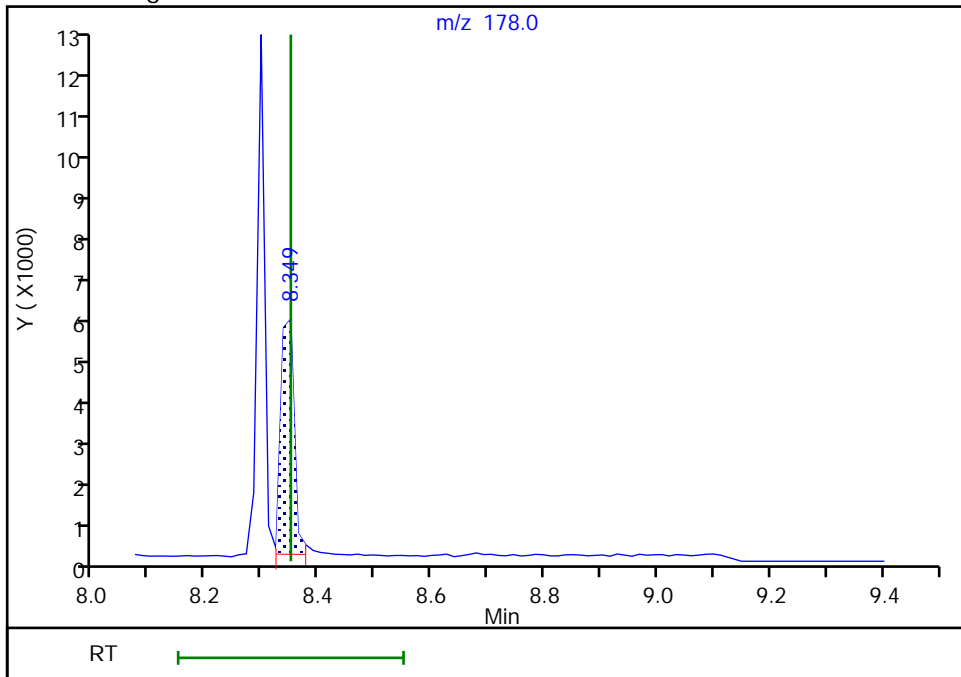
RT: 9.10
Area: 660
Amount: 0.001012
Amount Units: ug/ml

Processing Integration Results



RT: 8.35
Area: 9595
Amount: 0.014718
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 21-Aug-2020 18:05:58
Audit Action: Located Compound

Audit Reason: Baseline
Page 696 of 728

Eurofins TestAmerica, Edison

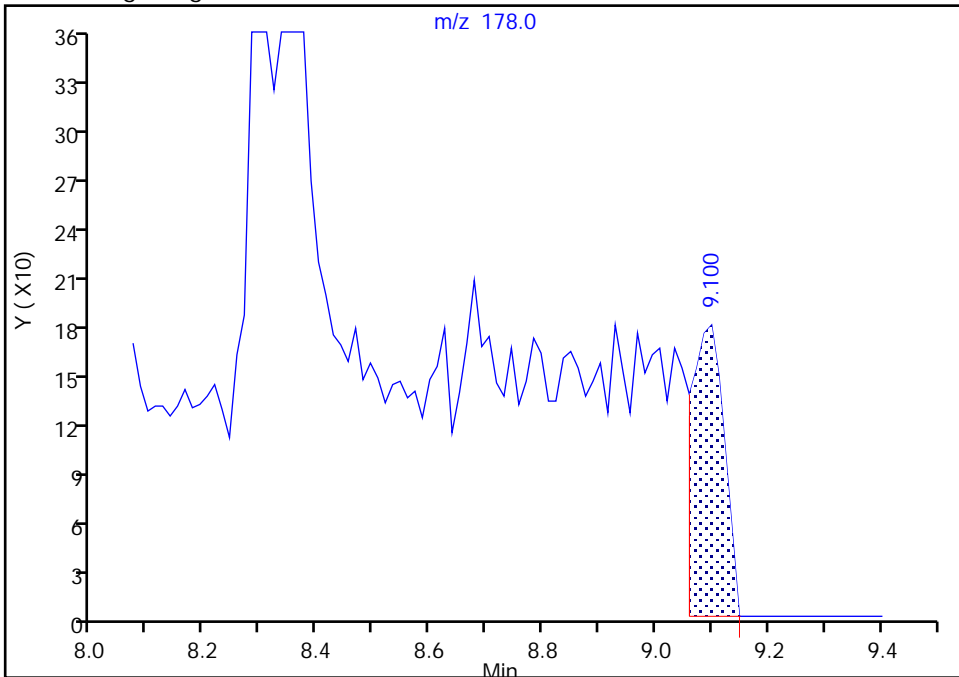
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694887.D
Injection Date: 21-Aug-2020 17:43:30 Instrument ID: CBNAMS4
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

20 Anthracene, CAS: 120-12-7

Signal: 1

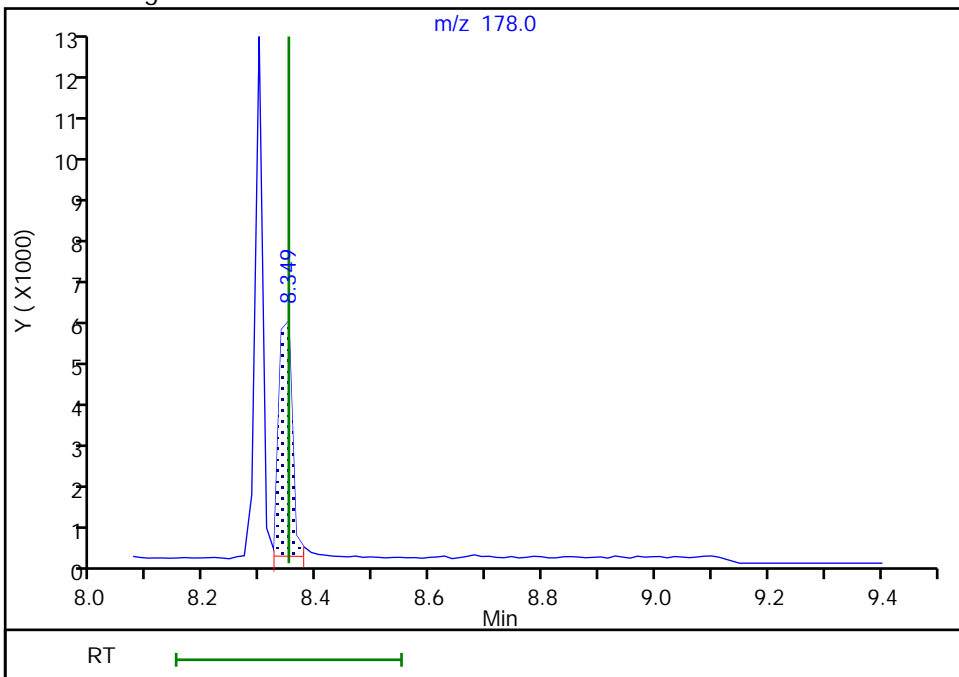
RT: 9.10
Area: 660
Amount: 0.001012
Amount Units: ug/ml

Processing Integration Results



RT: 8.35
Area: 9595
Amount: 0.014718
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 21-Aug-2020 18:06:46

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

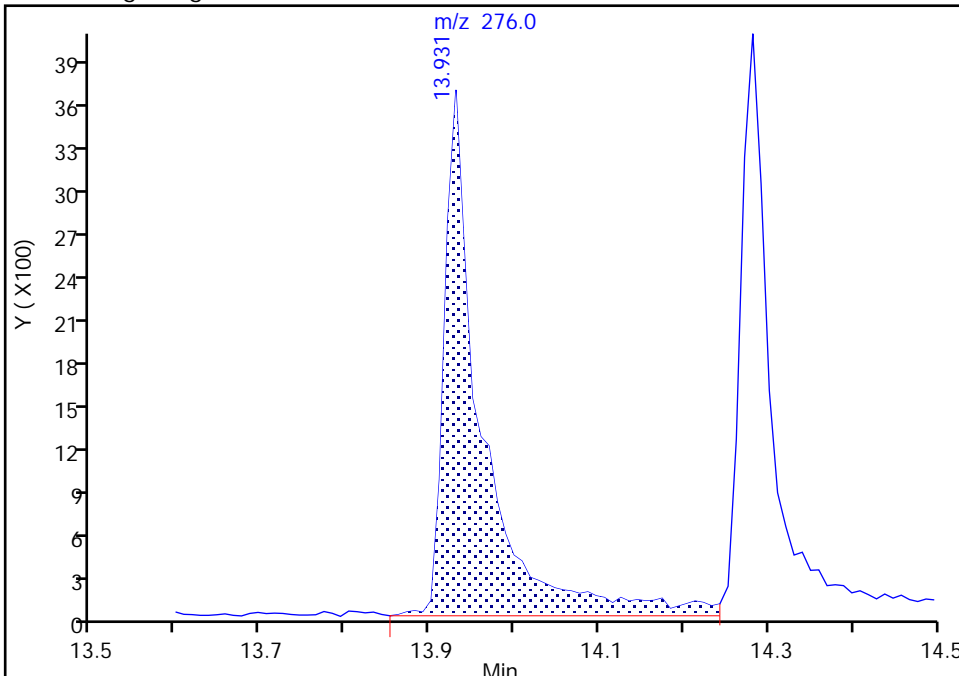
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694887.D
Injection Date: 21-Aug-2020 17:43:30 Instrument ID: CBNAMS4
Lims ID: ccvis
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

31 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

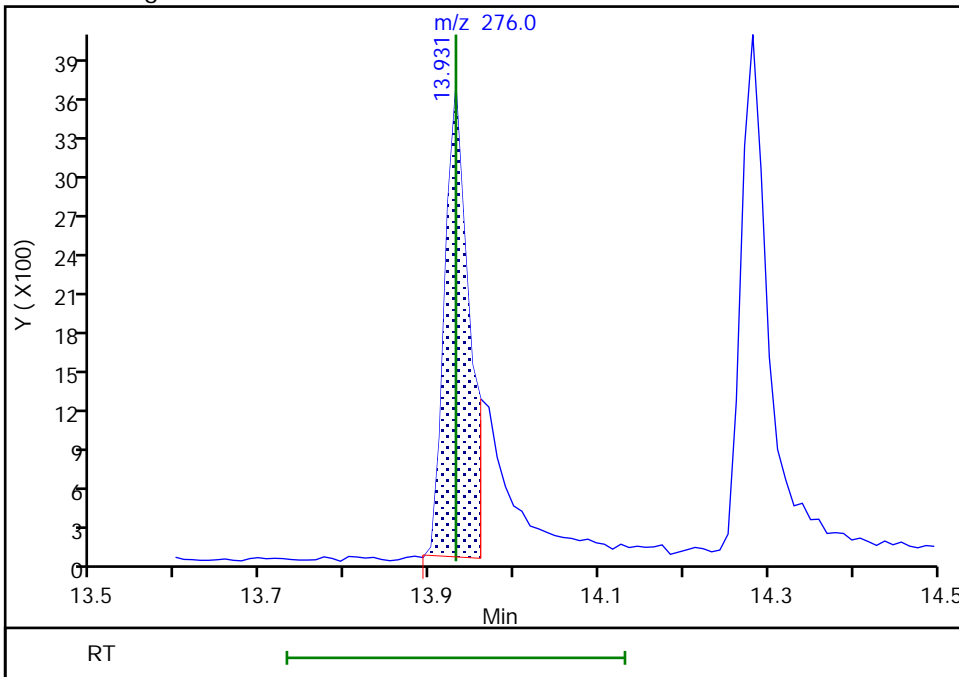
RT: 13.93
Area: 11082
Amount: 0.018662
Amount Units: ug/ml

Processing Integration Results



RT: 13.93
Area: 7173
Amount: 0.012080
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 21-Aug-2020 18:05:45
Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 21-Aug-2020 16:53:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-001
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:18:42 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: khlungprakhons Date: 23-Aug-2020 03:18:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Pentachlorophenol_T 34 DFTPP	266	4.180	4.180	0.000	0	866646	NR	NR	
35 Benzidine_T	184	5.432	5.432	0.000	0	3657491	NR	NR	
36 4,4'-DDE	246	5.579	5.579	0.000	0	5589		NR	
37 4,4'-DDD	235	5.872	5.872	0.000	0	9058		NR	
38 4,4'-DDT	235	6.084	6.084	0.000	0	1917179	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

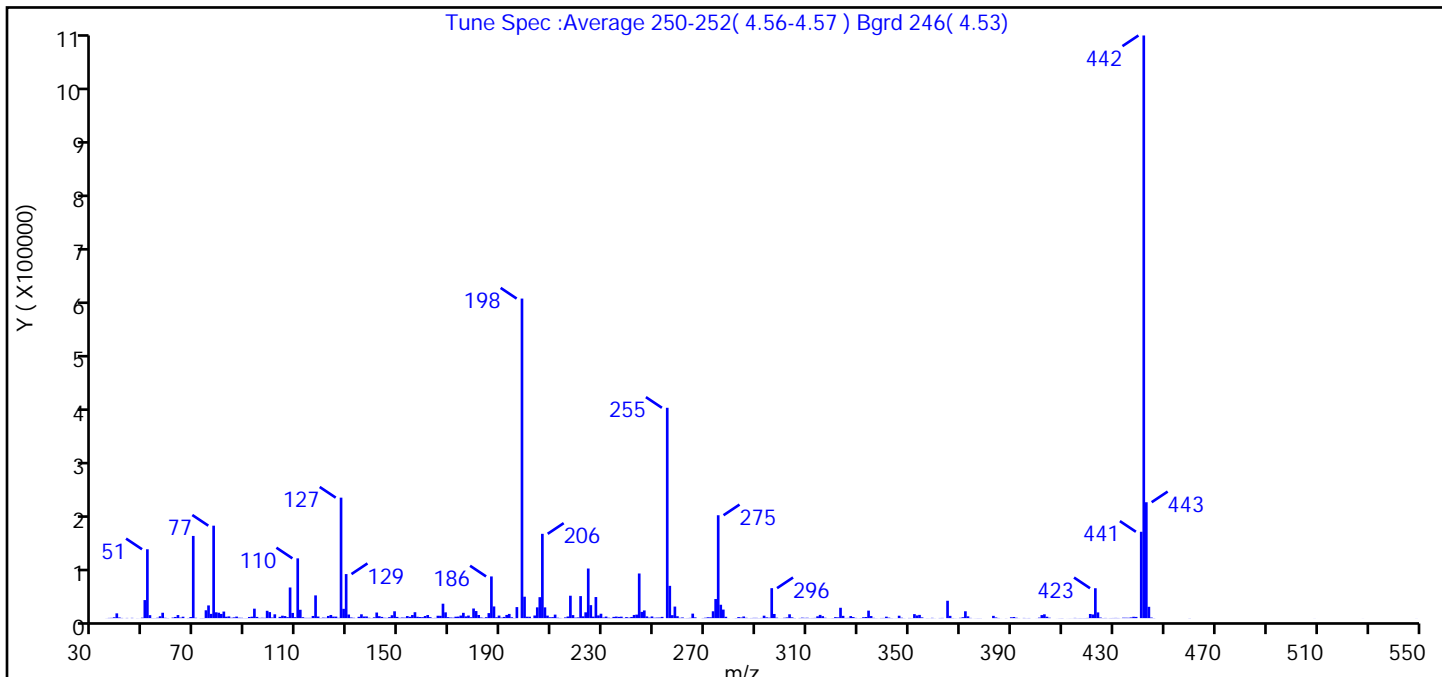
Reagents:

SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D
 Injection Date: 21-Aug-2020 16:53:30 Instrument ID: CBNAMS4
 Lims ID: DFTPP
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
 Tune Method: DFTPP Method 8270D, BP 198

34 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (54.8)
51	10-80% of the base peak	21.6
68	<2% of mass 69	0.3 (1.3)
69	Present	25.7
70	<2% of mass 69	0.1 (0.4)
127	10-80% of the base peak	37.7
197	<2% of mass 198	0.0
199	5-9% of mass 198	6.7
275	10-60% of the base peak	32.2
365	>1% of mass 198	5.4
441	present but <24% of mass 442	27.0 (14.8)
442	base peak, or >50% of 198	182.3
443	15-24% of mass 442	36.3 (19.9)

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D\Surr SIM_LVI_4.rsl\spectra.d
 Injection Date: 21-Aug-2020 16:53:30
 Spectrum: Tune Spec :Average 250-252(4.56-4.57) Bgrd 246(4.53)
 Base Peak: 442.00
 Minimum % Base Peak: 0
 Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	127	137.00	3070	236.00	2305	339.00	320
36.00	448	138.00	697	237.00	2658	340.00	407
37.00	551	139.00	232	238.00	426	341.00	2651
38.00	1574	140.00	1508	239.00	1897	342.00	899
39.00	8703	141.00	10198	240.00	900	343.00	237
40.00	1216	142.00	3560	241.00	2146	344.00	85
41.00	393	143.00	2264	242.00	5798	345.00	121
42.00	27	144.00	700	243.00	6385	346.00	4379
43.00	401	145.00	503	244.00	81072	347.00	746
45.00	525	146.00	1832	245.00	11391	348.00	153
47.00	149	147.00	5271	246.00	13993	350.00	375
48.00	65	148.00	12439	247.00	3146	351.00	198
49.00	850	149.00	2262	248.00	965	352.00	7297
50.00	32792	150.00	533	249.00	3057	353.00	4925
51.00	125032	151.00	1123	250.00	677	354.00	5911
52.00	5431	152.00	929	251.00	1015	355.00	1384
53.00	247	153.00	3773	252.00	1093	356.00	47
54.00	227	154.00	2477	253.00	2291	357.00	180
55.00	731	155.00	5640	255.00	381888	358.00	107
56.00	3416	156.00	10755	256.00	58632	359.00	545
57.00	9784	157.00	2510	257.00	5414	360.00	106
58.00	648	158.00	2006	258.00	21000	362.00	340
59.00	247	159.00	1772	259.00	3468	363.00	441
61.00	1046	160.00	3836	260.00	599	365.00	31568
62.00	2131	161.00	5659	261.00	1242	366.00	4151
63.00	5583	162.00	1778	262.00	164	367.00	307
64.00	984	163.00	293	263.00	304	368.00	153
65.00	2600	164.00	457	264.00	544	369.00	53
66.00	56	165.00	4359	265.00	8193	370.00	596
67.00	315	166.00	4240	266.00	1326	371.00	1646
68.00	1992	167.00	26232	269.00	306	372.00	12491
69.00	149248	168.00	10528	270.00	806	373.00	3300
70.00	652	169.00	1869	271.00	1585	374.00	445

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D\Surr SIM_LVI_4.rsl\spectra.d

Injection Date: 21-Aug-2020 16:53:30

Spectrum: Tune Spec :Average 250-252(4.56-4.57) Bgrd 246(4.53)

Base Peak: 442.00

Minimum % Base Peak: 0

Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	244	170.00	1102	272.00	1485	375.00	55
73.00	276	171.00	864	273.00	12474	376.00	121
74.00	14282	172.00	2596	274.00	34696	377.00	202
75.00	23104	173.00	2801	275.00	186816	378.00	163
76.00	7758	174.00	4715	276.00	24304	383.00	4162
77.00	167872	175.00	9640	277.00	15551	384.00	1229
78.00	10595	176.00	3178	278.00	2436	385.00	341
79.00	9852	177.00	4701	279.00	115	386.00	55
80.00	7643	178.00	1649	281.00	57	388.00	150
81.00	11970	179.00	17504	282.00	241	390.00	1588
82.00	2593	180.00	12876	283.00	1903	391.00	2087
83.00	3164	181.00	5685	284.00	1146	392.00	753
84.00	692	182.00	1182	285.00	3015	393.00	126
85.00	1407	183.00	507	286.00	695	395.00	397
86.00	2812	184.00	1720	287.00	151	396.00	157
87.00	754	185.00	9160	288.00	304	397.00	308
88.00	613	186.00	75728	289.00	534	400.00	88
89.00	197	187.00	21224	290.00	525	401.00	967
90.00	228	188.00	1627	291.00	222	402.00	5565
91.00	2111	189.00	4680	292.00	444	403.00	6965
92.00	2633	190.00	977	293.00	4473	404.00	2565
93.00	17208	191.00	2240	294.00	1402	405.00	754
94.00	2247	192.00	5828	295.00	806	408.00	56
95.00	449	193.00	7652	296.00	54424	409.00	164
96.00	777	194.00	1615	297.00	7573	410.00	230
97.00	593	195.00	296	298.00	850	412.00	60
98.00	13373	196.00	20064	299.00	95	413.00	128
99.00	10978	198.00	580160	300.00	128	414.00	91
100.00	1135	199.00	38920	301.00	722	415.00	448
101.00	6970	200.00	2584	302.00	1259	416.00	179
102.00	101	201.00	2524	303.00	6999	417.00	274
103.00	2323	202.00	124	304.00	1404	418.00	201
104.00	4434	203.00	4798	305.00	284	419.00	228
105.00	3749	204.00	19608	307.00	355	420.00	396

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D\Surr SIM_LVI_4.rsl\spectra.d

Injection Date: 21-Aug-2020 16:53:30

Spectrum: Tune Spec :Average 250-252(4.56-4.57) Bgrd 246(4.53)

Base Peak: 442.00

Minimum % Base Peak: 0

Number of Points: 390

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	1739	205.00	38088	308.00	900	421.00	7571
107.00	55664	206.00	153088	309.00	541	422.00	6667
108.00	9496	207.00	19576	310.00	711	423.00	54312
109.00	1656	208.00	4564	311.00	218	424.00	10416
110.00	108536	209.00	1644	312.00	324	425.00	1118
111.00	15207	210.00	1861	313.00	480	426.00	255
112.00	1679	211.00	6400	314.00	3277	427.00	386
113.00	510	212.00	786	315.00	5909	428.00	119
114.00	494	213.00	351	316.00	3568	429.00	286
115.00	533	214.00	106	317.00	726	430.00	341
116.00	3941	215.00	1330	318.00	120	431.00	441
117.00	41312	216.00	2953	319.00	127	432.00	324
118.00	2927	217.00	40704	320.00	269	433.00	95
119.00	295	218.00	5530	321.00	1836	434.00	848
120.00	1013	219.00	897	322.00	1415	435.00	805
121.00	731	220.00	1284	323.00	18840	436.00	691
122.00	3980	221.00	40008	324.00	4163	437.00	1316
123.00	5742	222.00	3267	325.00	372	438.00	2493
124.00	2778	223.00	10578	326.00	510	439.00	2239
125.00	2790	224.00	90096	327.00	3742	441.00	156800
126.00	550	225.00	23616	328.00	1906	442.00	1057792
127.00	218752	226.00	2768	329.00	471	443.00	210432
128.00	16928	227.00	38320	330.00	137	444.00	20584
129.00	80000	228.00	4981	331.00	312	445.00	1097
130.00	6570	229.00	8010	332.00	1657	446.00	220
131.00	1189	230.00	1188	333.00	2071	460.00	181
132.00	639	231.00	2847	334.00	13633	509.00	83
133.00	72	232.00	818	335.00	3787	528.00	53
134.00	2407	233.00	368	336.00	547	549.00	79
135.00	6990	234.00	2272	337.00	207		
136.00	2982	235.00	2840	338.00	76		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D

Injection Date: 21-Aug-2020 16:53:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

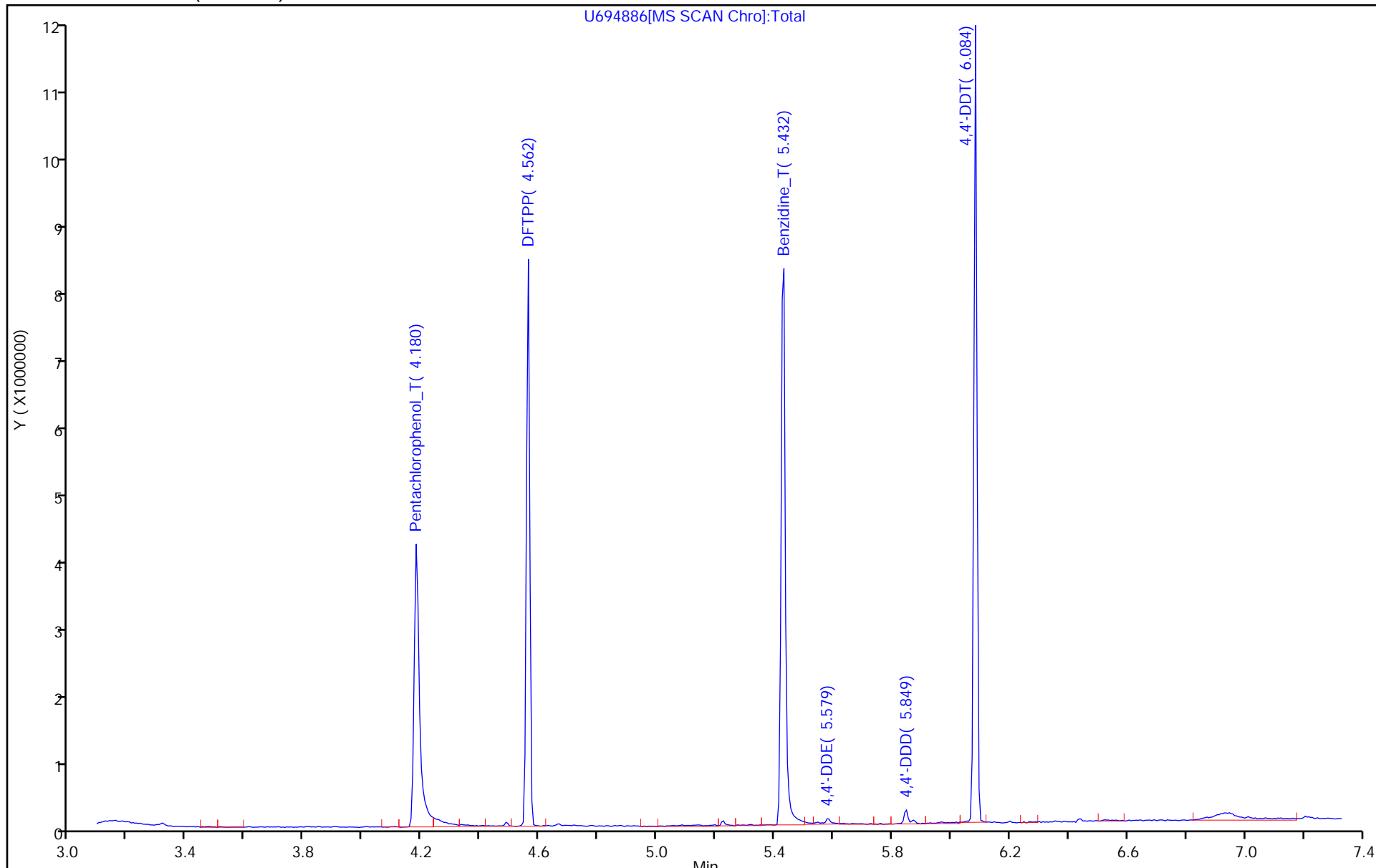
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D
Injection Date: 21-Aug-2020 16:53:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: Surr SIM_LVI_4

ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D SIM ICAL

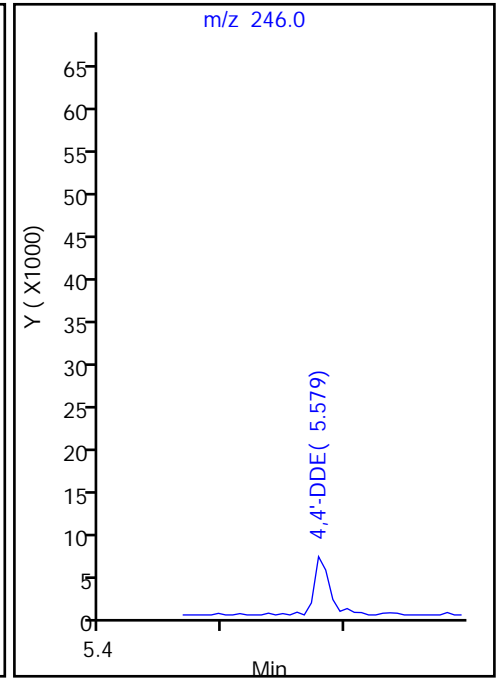
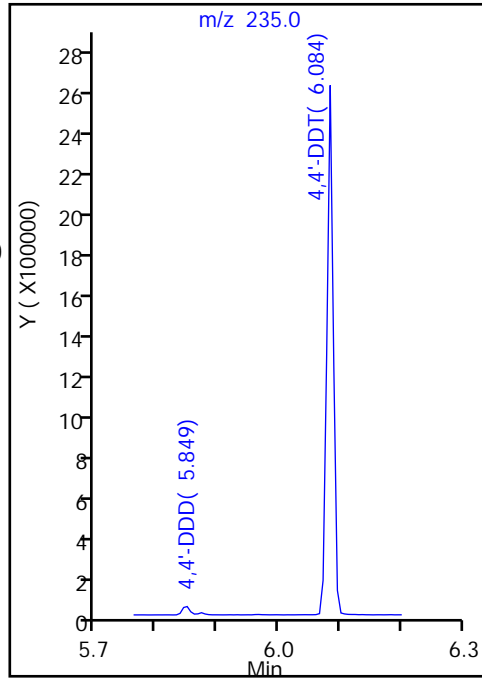
38 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

38 4,4'-DDT, Area = 1917179
37 4,4'-DDD, Area = 9058
36 4,4'-DDE, Area = 5589

%Breakdown: 0.76%, <= 20.00%
Passed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D
Injection Date: 21-Aug-2020 16:53:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: Surr SIM_LVI_4

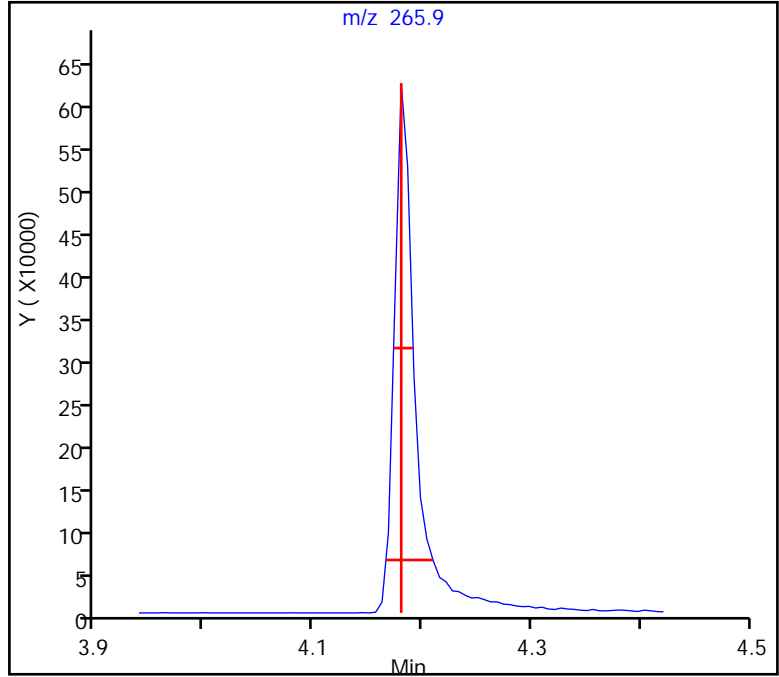
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D SIM ICAL

5 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.029 (min.)
Front Width = 0.014 (min.)

Tailing Factor = * 2.1, Max. Tailing < 2.00
Failed



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694886.D
Injection Date: 21-Aug-2020 16:53:30 Instrument ID: CBNAMS4
Lims ID: DFTPP
Client ID:
Operator ID:
Injection Vol: 5.0 ul
Method: Surr SIM_LVI_4

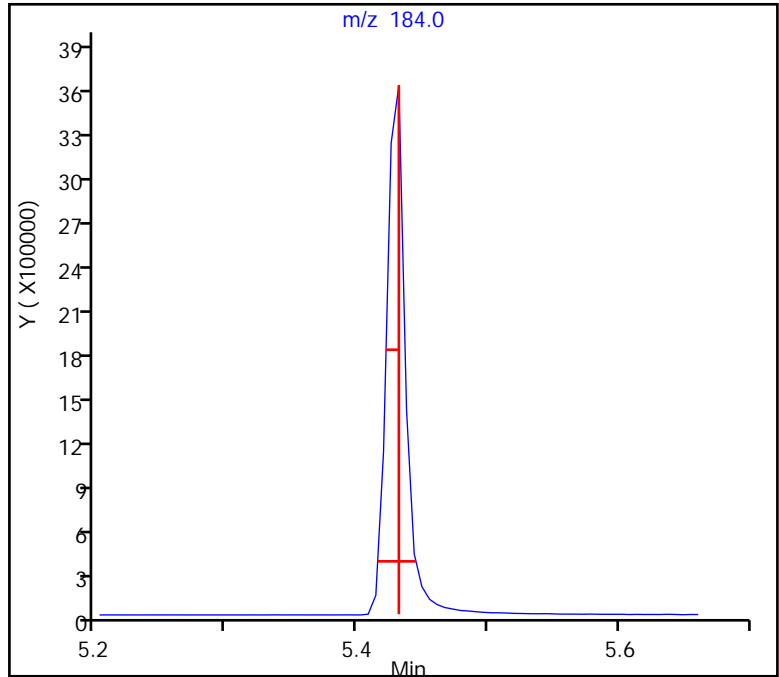
ALS Bottle#: 1 Worklist Smp#: 1
Dil. Factor: 1.0000
Limit Group: SV 8270D SIM ICAL

35 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 0.8, Max. Tailing < 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-718590/1-A
 Matrix: Water Lab File ID: U694889.D
 Analysis Method: 8270D SIM Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/21/2020 18:37
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.17	U	0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	123		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694889.D
 Lims ID: MB 460-718590/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 21-Aug-2020 18:37:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-004
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:18:58 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: khlungprakhons Date: 23-Aug-2020 03:19:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 4 1,4-Dichlorobenzene-d4	152	4.043	4.020	0.023	99	42584	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.575	4.543	0.032	91	269591	1.00	1.23	
* 7 Naphthalene-d8	136	5.267	5.227	0.040	100	139609	0.2000	0.2000	
\$ 9 2-Fluorobiphenyl	172	6.323	6.269	0.054	99	503503	1.00	0.8379	
* 11 Acenaphthene-d10	164	6.942	6.888	0.054	93	66894	0.2000	0.2000	
\$ 15 2,4,6-Tribromophenol	330	7.693	7.625	0.068	89	66559	1.00	1.43	
* 18 Phenanthrene-d10	188	8.351	8.270	0.081	100	102000	0.2000	0.2000	
\$ 23 Terphenyl-d14	244	9.851	9.764	0.087	98	675640	1.00	1.22	
* 25 Chrysene-d12	240	10.895	10.788	0.107	99	119500	0.2000	0.2000	
* 30 Perylene-d12	264	12.642	12.506	0.136	99	116358	0.2000	0.2000	

Reagents:

SM_SIMISTDLVI_00030 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694889.D

Injection Date: 21-Aug-2020 18:37:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: MB 460-718590/1-A

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

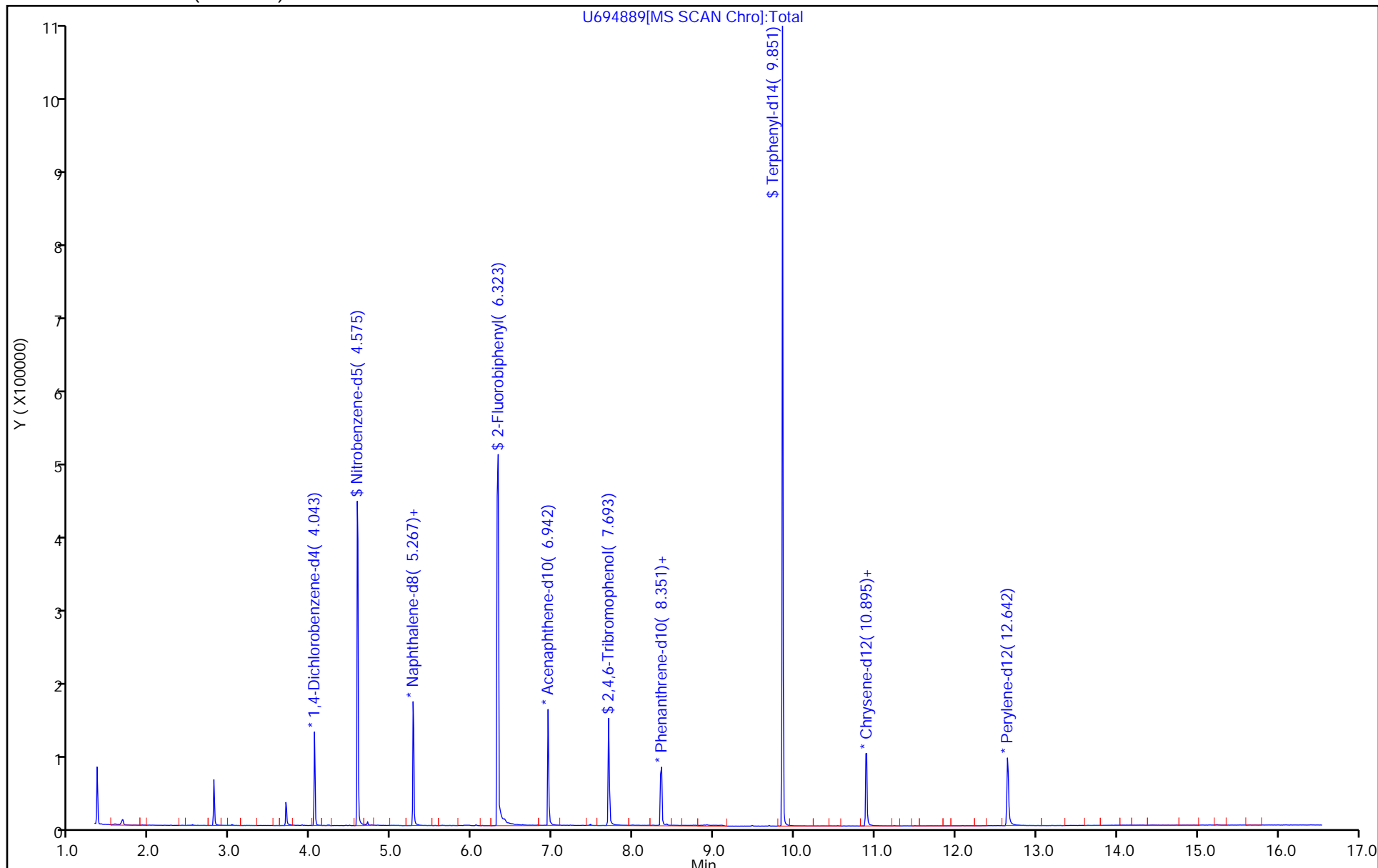
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-718590/2-A
 Matrix: Water Lab File ID: U694890.D
 Analysis Method: 8270D SIM Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/21/2020 18:58
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.300	J	0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	119		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694890.D
 Lims ID: LCS 460-718590/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 21-Aug-2020 18:58:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-005
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:20:31 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy

Date: 22-Aug-2020 00:06:21

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.533	1.533	-0.007	100	4008	0.1000	0.0375	M
2 N-Nitrosodimethylamine	74	1.750	1.749	0.001	94	6118	0.1000	0.0457	
3 Bis(2-chloroethyl)ether	93	3.787	3.762	0.025	96	28438	0.1000	0.1027	
* 4 1,4-Dichlorobenzene-d4	152	4.045	4.020	0.025	96	50582	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.576	4.543	0.033	97	312308	1.00	1.19	
* 7 Naphthalene-d8	136	5.269	5.227	0.042	100	167117	0.2000	0.2000	
8 Naphthalene	128	5.285	5.243	0.042	100	80523	0.1000	0.0913	
\$ 9 2-Fluorobiphenyl	172	6.310	6.269	0.041	97	580316	1.00	0.6627	
10 Acenaphthylene	152	6.810	6.743	0.067	98	65098	0.1000	0.0511	
* 11 Acenaphthene-d10	164	6.942	6.888	0.054	95	97494	0.2000	0.2000	
12 Acenaphthene	154	6.968	6.914	0.054	96	46973	0.1000	0.0813	
13 Fluorene	166	7.455	7.401	0.054	97	50574	0.1000	0.0739	
14 4,6-Dinitro-2-methylphenol	198	7.521	7.454	0.067	98	10112	0.2000	0.3658	M
\$ 15 2,4,6-Tribromophenol	330	7.692	7.625	0.067	92	86037	1.00	1.26	
16 Hexachlorobenzene	284	7.995	7.928	0.067	65	14732	0.1000	0.0833	
17 Pentachlorophenol	266	8.179	8.112	0.067	80	20241	0.2000	0.3117	M
* 18 Phenanthrene-d10	188	8.337	8.270	0.067	99	126773	0.2000	0.2000	
19 Phenanthrene	178	8.364	8.297	0.067	100	96217	0.1000	0.1220	
20 Anthracene	178	8.416	8.349	0.067	94	72210	0.1000	0.0872	
21 Fluoranthene	202	9.470	9.393	0.077	100	91725	0.1000	0.1179	
22 Pyrene	202	9.685	9.608	0.077	100	90690	0.1000	0.0874	
\$ 23 Terphenyl-d14	244	9.851	9.764	0.087	97	725035	1.00	1.14	
24 Benzo[a]anthracene	228	10.876	10.779	0.097	34	93950	0.1000	0.1087	
* 25 Chrysene-d12	240	10.885	10.788	0.097	99	137746	0.2000	0.2000	
26 Chrysene	228	10.915	10.818	0.097	100	110931	0.1000	0.1107	
27 Benzo[b]fluoranthene	252	12.144	12.028	0.116	100	100908	0.1000	0.1318	
28 Benzo[k]fluoranthene	252	12.183	12.057	0.126	98	127363	0.1000	0.1243	
29 Benzo[a]pyrene	252	12.564	12.438	0.126	99	93382	0.1000	0.1192	
* 30 Perylene-d12	264	12.642	12.506	0.136	100	143531	0.2000	0.2000	a
31 Indeno[1,2,3-cd]pyrene	276	14.076	14.076	0.145	98	68428	0.1000	0.0964	Ma
32 Dibenz(a,h)anthracene	278	14.115	13.970	0.145	65	69212	0.1000	0.0933	
33 Benzo[g,h,i]perylene	276	14.437	14.282	0.155	80	93498	0.1000	0.1017	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00030

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694890.D

Injection Date: 21-Aug-2020 18:58:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: LCS 460-718590/2-A

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

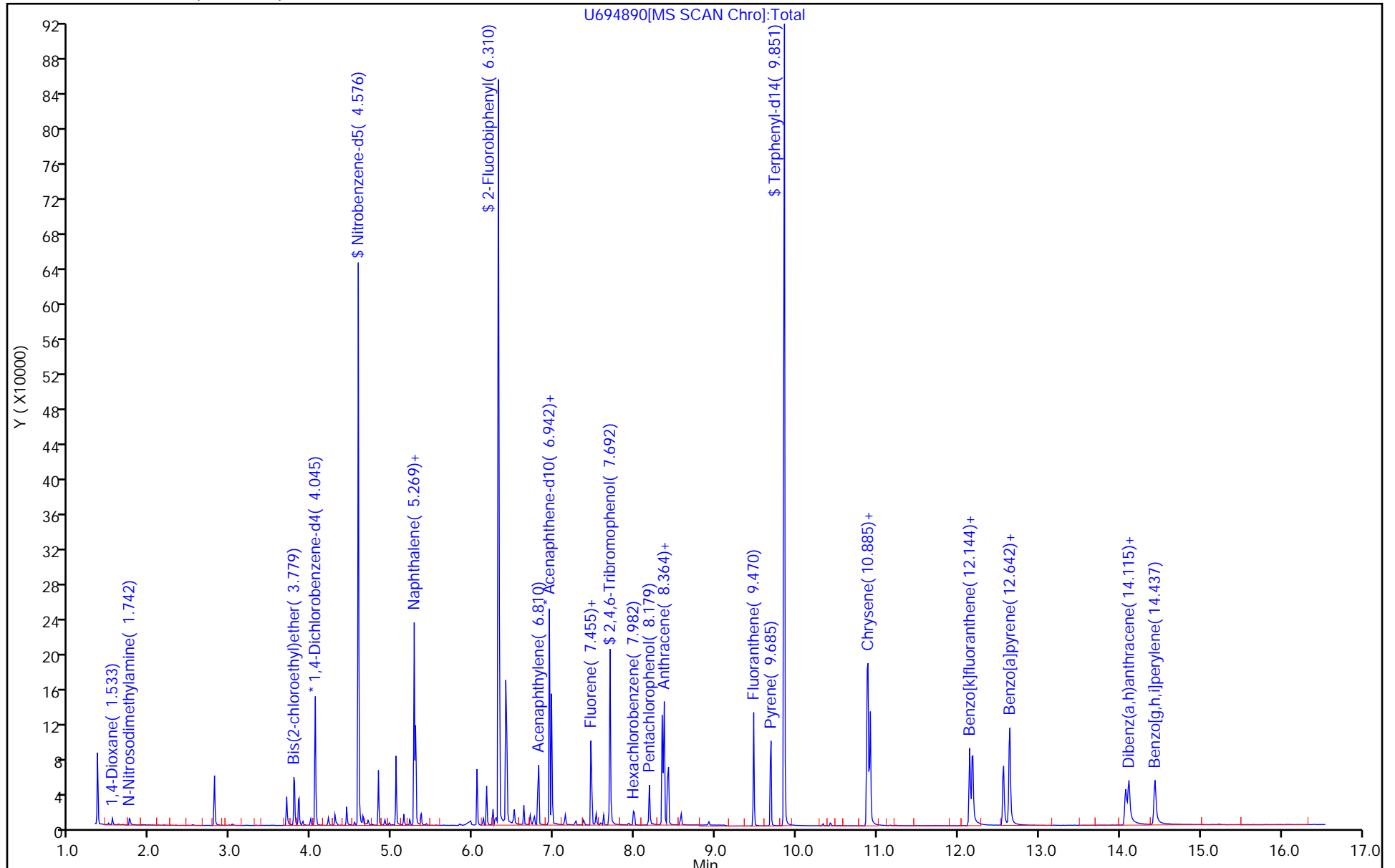
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

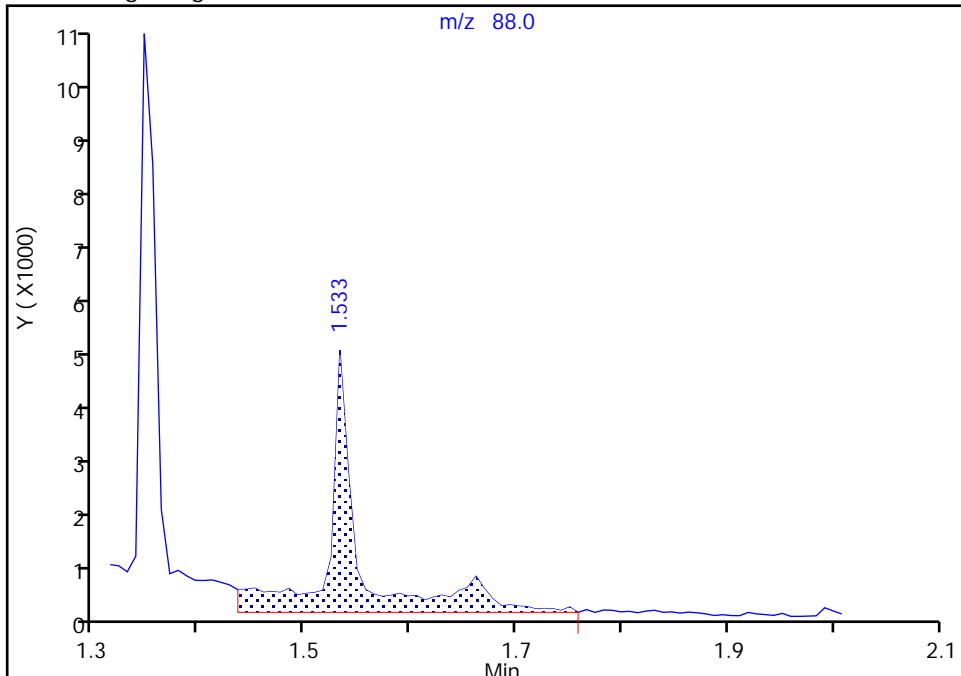
Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694890.D
Injection Date: 21-Aug-2020 18:58:30 Instrument ID: CBNAMS4
Lims ID: LCS 460-718590/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

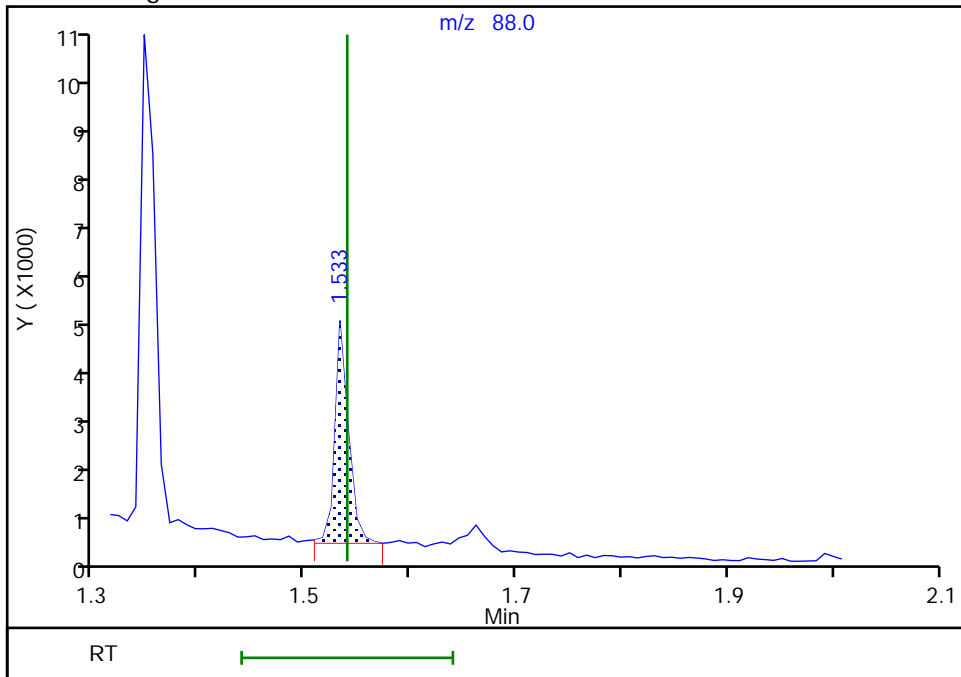
RT: 1.53
Area: 9500
Amount: 0.088791
Amount Units: ug/ml

Processing Integration Results



RT: 1.53
Area: 4008
Amount: 0.037460
Amount Units: ug/ml

Manual Integration Results



Reviewer: khlungprakhons, 23-Aug-2020 03:19:43
Audit Action: Manually Integrated

Audit Reason: Baseline

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-718590/3-A
 Matrix: Water Lab File ID: U694891.D
 Analysis Method: 8270D SIM Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/21/2020 07:47
 Sample wt/vol: 250 (mL) Date Analyzed: 08/21/2020 19:19
 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.: 718768 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.372	J	0.40	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	130		41-144

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694891.D
 Lims ID: LCSD 460-718590/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 21-Aug-2020 19:19:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115561-006
 Operator ID: Instrument ID: CBNAMS4
 Method: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\Surr SIM_LVI_4.m
 Limit Group: SV 8270D SIM ICAL
 Last Update: 23-Aug-2020 03:21:23 Calib Date: 15-Aug-2020 07:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS4\20200814-115110.b\U694682.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1054

First Level Reviewer: hamziy

Date: 22-Aug-2020 00:07:24

Compound	Sig	RT (min.)	Adj RT (min.)	Diff RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.533	1.533	-0.007	100	5149	0.1000	0.0465	Ma
2 N-Nitrosodimethylamine	74	1.743	1.749	-0.006	94	7302	0.1000	0.0528	
3 Bis(2-chloroethyl)ether	93	3.780	3.762	0.018	87	31036	0.1000	0.1083	
* 4 1,4-Dichlorobenzene-d4	152	4.046	4.020	0.026	96	52340	0.2000	0.2000	
\$ 6 Nitrobenzene-d5	82	4.577	4.543	0.034	99	350461	1.00	1.30	
* 7 Naphthalene-d8	136	5.269	5.227	0.042	100	171271	0.2000	0.2000	
8 Naphthalene	128	5.285	5.243	0.042	100	84468	0.1000	0.0934	
\$ 9 2-Fluorobiphenyl	172	6.310	6.269	0.041	97	643021	1.00	0.8260	
10 Acenaphthylene	152	6.810	6.743	0.067	98	64185	0.1000	0.0567	
* 11 Acenaphthene-d10	164	6.942	6.888	0.054	96	86665	0.2000	0.2000	
12 Acenaphthene	154	6.968	6.914	0.054	95	44274	0.1000	0.0862	
13 Fluorene	166	7.455	7.401	0.054	96	54230	0.1000	0.0892	
14 4,6-Dinitro-2-methylphenol	198	7.521	7.454	0.067	97	10818	0.2000	0.3912	M
\$ 15 2,4,6-Tribromophenol	330	7.692	7.625	0.067	93	105304	1.00	1.74	
16 Hexachlorobenzene	284	7.995	7.928	0.067	48	16752	0.1000	0.0958	
17 Pentachlorophenol	266	8.179	8.112	0.067	81	20524	0.2000	0.3197	M
* 18 Phenanthrene-d10	188	8.337	8.270	0.067	99	125314	0.2000	0.2000	
19 Phenanthrene	178	8.364	8.297	0.067	100	99966	0.1000	0.1282	
20 Anthracene	178	8.416	8.349	0.067	94	77860	0.1000	0.0951	
21 Fluoranthene	202	9.470	9.393	0.077	100	91379	0.1000	0.1189	
22 Pyrene	202	9.684	9.608	0.076	100	93156	0.1000	0.1035	
\$ 23 Terphenyl-d14	244	9.850	9.764	0.086	98	819375	1.00	1.48	
24 Benzo[a]anthracene	228	10.875	10.779	0.096	17	84517	0.1000	0.1128	
* 25 Chrysene-d12	240	10.885	10.788	0.097	98	119482	0.2000	0.2000	
26 Chrysene	228	10.914	10.818	0.096	100	101993	0.1000	0.1173	
27 Benzo[b]fluoranthene	252	12.143	12.028	0.115	100	91757	0.1000	0.1221	
28 Benzo[k]fluoranthene	252	12.183	12.057	0.125	83	122771	0.1000	0.1220	
29 Benzo[a]pyrene	252	12.563	12.438	0.125	100	93268	0.1000	0.1213	
* 30 Perylene-d12	264	12.641	12.506	0.135	99	140916	0.2000	0.2000	
31 Indeno[1,2,3-cd]pyrene	276	14.076	14.076	0.145	98	73234	0.1000	0.1050	Ma
32 Dibenz(a,h)anthracene	278	14.115	13.970	0.145	90	77111	0.1000	0.1048	
33 Benzo[g,h,i]perylene	276	14.437	14.282	0.155	77	104093	0.1000	0.1154	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_SIMISTDLVI_00030

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS4\20200821-115561.b\U694891.D

Injection Date: 21-Aug-2020 19:19:30

Instrument ID: CBNAMS4

Operator ID:

Lims ID: LCSD 460-718590/3-A

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

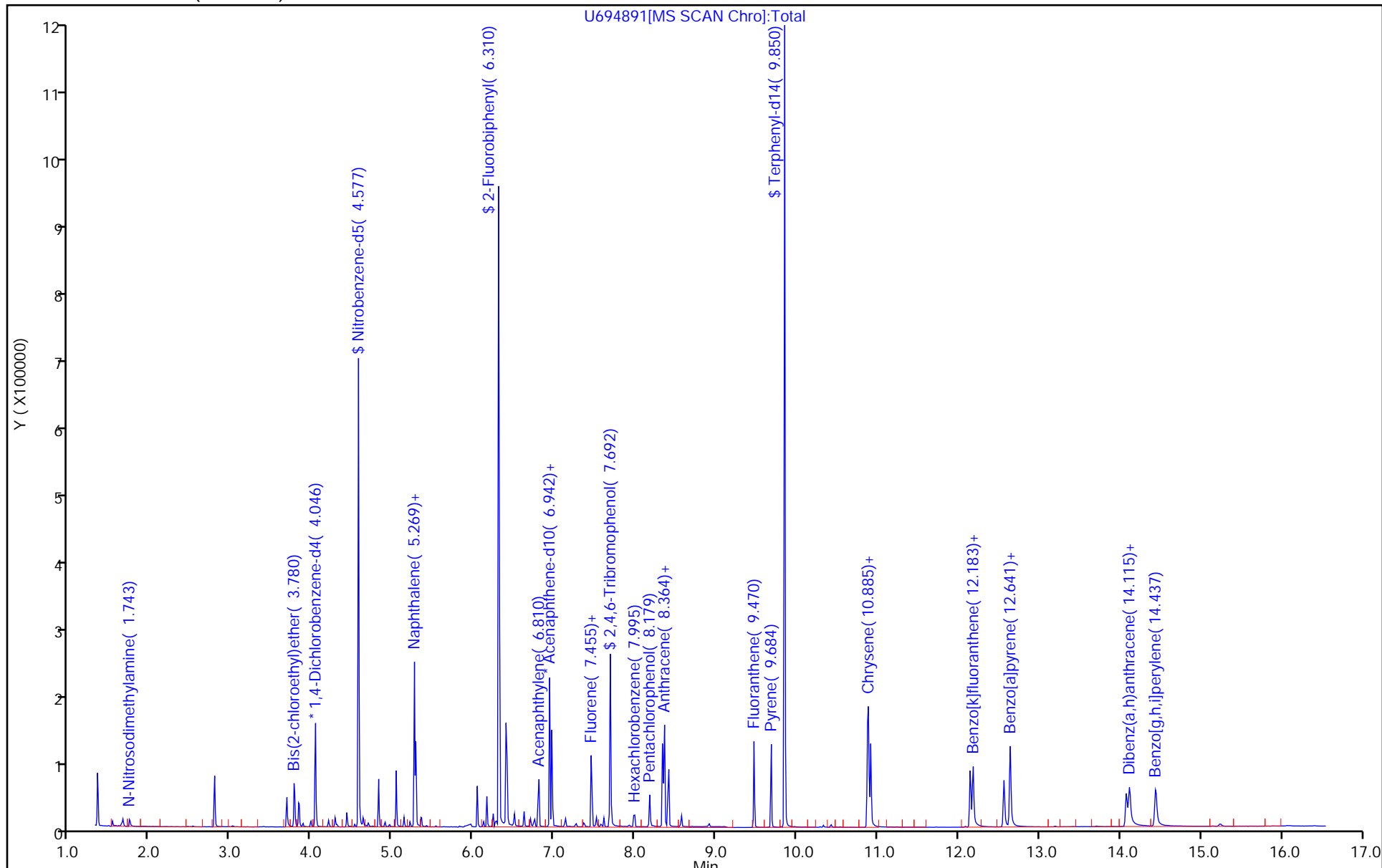
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: Surr SIM_LVI_4

Limit Group: SV 8270D SIM ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

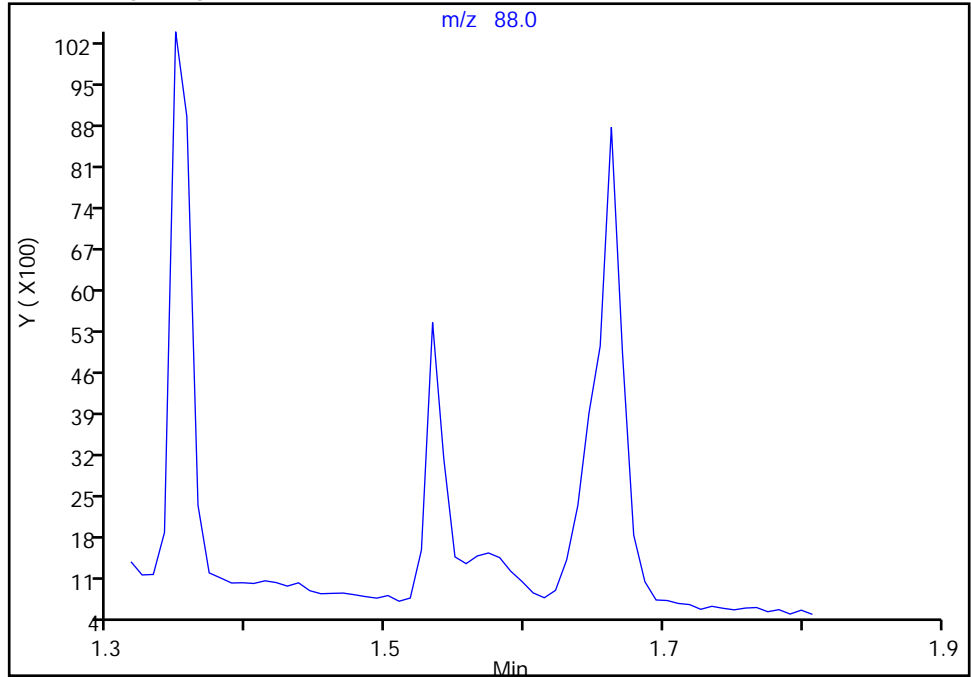
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Injection Date: 21-Aug-2020 19:19:30 Instrument ID: CBNAMS4
Lims ID: LCSD 460-718590/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: Surr SIM_LVI_4 Limit Group: SV 8270D SIM ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

1 1,4-Dioxane, CAS: 123-91-1

Signal: 1

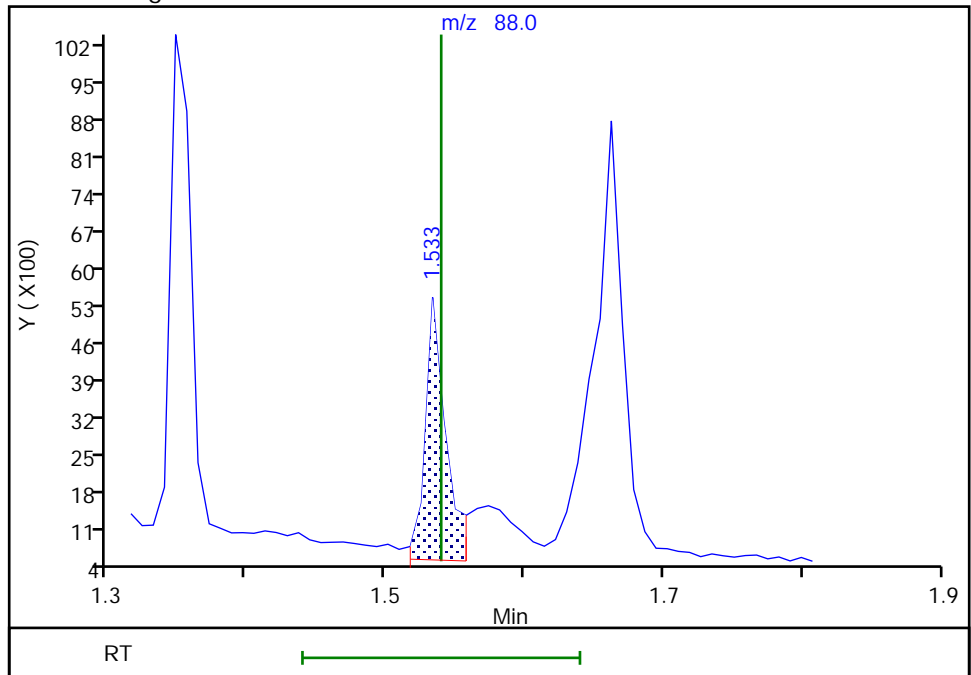
Not Detected
Expected RT: 1.54

Processing Integration Results



RT: 1.53
Area: 5149
Amount: 0.046508
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamziy, 22-Aug-2020 00:06:32
Audit Action: Manually Integrated

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CBNAMS4 Start Date: 08/15/2020 04:54

Analysis Batch Number: 716888 End Date: 08/15/2020 07:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-716888/1		08/15/2020 04:54	1		Rtxi-5Sil MS 0.25 (mm)
ICIS 460-716888/2		08/15/2020 05:19	1	U694677.D	Rtxi-5Sil MS 0.25 (mm)
STD6 460-716888/3 IC		08/15/2020 05:43	1	U694678.D	Rtxi-5Sil MS 0.25 (mm)
STD5 460-716888/4 IC		08/15/2020 06:07	1	U694679.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-716888/5 IC		08/15/2020 06:31	1	U694680.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-716888/6 IC		08/15/2020 06:56	1	U694681.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-716888/7 IC		08/15/2020 07:20	1	U694682.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-716888/8		08/15/2020 07:44	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Instrument ID: CBNAMS4 Start Date: 08/21/2020 16:53

Analysis Batch Number: 718768 End Date: 08/22/2020 03:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-718768/1		08/21/2020 16:53	1	U694886.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-718768/2		08/21/2020 17:43	1	U694887.D	Rtxi-5Sil MS 0.25 (mm)
MB 460-718590/1-A		08/21/2020 18:37	1	U694889.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-718590/2-A		08/21/2020 18:58	1	U694890.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-718590/3-A		08/21/2020 19:19	1	U694891.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 19:40	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 20:01	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 20:22	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 20:43	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 21:03	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 21:24	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 21:45	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 22:06	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 22:27	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 22:47	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 23:08	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 23:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/21/2020 23:50	1		Rtxi-5Sil MS 0.25 (mm)
460-216353-1	DEC7D1_20200817	08/22/2020 00:10	1	U694905.D	Rtxi-5Sil MS 0.25 (mm)
460-216353-2	DEC6D1_20200817	08/22/2020 00:31	1	U694906.D	Rtxi-5Sil MS 0.25 (mm)
460-216353-3	DEC4D1_20200818	08/22/2020 00:52	1	U694907.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 01:13	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 01:34	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 01:54	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 02:15	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 02:36	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 02:57	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/22/2020 03:17	10		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 718590 Batch Start Date: 08/21/20 07:47 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_BNA SIM SP 00020
MB 460-718590/1		3510C, 8270D SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-718590/2		3510C, 8270D SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	20 uL
LCS 460-718590/3		3510C, 8270D SIM		250 mL	2 mL	7 SU	<2 SU	>12 SU	20 uL
460-216353-D-1	DEC7D1_20200817	3510C, 8270D SIM	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216353-E-2	DEC6D1_20200817	3510C, 8270D SIM	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216353-D-3	DEC4D1_20200818	3510C, 8270D SIM	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_BNASurroga 00018					
MB 460-718590/1		3510C, 8270D SIM		20 uL					
LCS 460-718590/2		3510C, 8270D SIM		20 uL					
LCS 460-718590/3		3510C, 8270D SIM		20 uL					
460-216353-D-1	DEC7D1_20200817	3510C, 8270D SIM	T	20 uL					
460-216353-E-2	DEC6D1_20200817	3510C, 8270D SIM	T	20 uL					
460-216353-D-3	DEC4D1_20200818	3510C, 8270D SIM	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216353-1

SDG No.: _____

Batch Number: 718590 Batch Start Date: 08/21/20 07:47

Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date: _____

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2969
Batch Comment	3510C_LVI / BNA Sim
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 Sim
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	MeCL2 263731
Prep Solvent Volume Used	90 mL
Analyst ID - Spike 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

Chain of Custody Record 456624

Environment Testing
TestAmerica



TAL-8210

Address: _____

Regulatory Program: DW NPDES RCRA Other: _____

Client Contact Company Name: <u>HDR</u> Address: <u>16 Corporate Woods Blvd</u> City/State/Zip: <u>Albany NY 12211</u> Phone: <u>518-937-3245 or</u> Fax: <u>518-937-9502</u> Project Name: <u>NYSDOC Groundwater</u> Site: <u>Groundwater Off-Site GW</u> P O # _____		Project Manager: M.V. Lehtinen Tel/Email: <u>518-937-9502</u> Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input checked="" type="checkbox"/> 2 weeks <u>Standard</u> <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: Scott Englund Lab Contact: _____ Carrier: _____ Date: _____ COC No: <u>1</u> of <u>1</u> COCs	
Sample Identification DEC7D1-20200817 DEC6D1-20200817 DEC4D1-20200818 TB-20200818		Sample Date <u>8/17/20</u> <u>8/17/20</u> <u>8/18/20</u> <u>8/18/20</u>		Sample Time <u>1250</u> <u>1625</u> <u>1135</u> _____	
Sample Type (C=Comp, G=Grab) <u>G</u> <u>G</u> <u>G</u> _____		Matrix <u>GW</u> <u>GW</u> <u>GW</u> _____		# of Cont. <u>5</u> <u>5</u> <u>5</u> _____	
Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ 8360 TCL VOCs + 10 1,4-dioxane 8370 WIS		Sample Specific Notes: <u>-1</u> <u>-2</u> <u>-3</u> <u>Trip Blank -4</u>		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) 21	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ Possible Hazard Identification: Please List any EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		Special Instructions/QC Requirements & Comments: Please include all samples from this event under one SDG		Return to Client <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Archive for _____ Months	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>		Cooler Temp. (°C): Obs'd: _____ Received by: <u>[Signature]</u> Received by: <u>[Signature]</u> Received in Laboratory by: <u>[Signature]</u>		Therm ID No.: _____ Date/Time: <u>8/18/20 17:33</u> Date/Time: <u>8/17/20 16:00</u> Date/Time: <u>8/18/20 18:30</u>	



2.5 (2.5) JPD (1)

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 016353

Number of Coolers: 11 IR Gun # 11

Cooler Temperatures

Cooler #:	Temperature (°C)	
	RAW	CORRECTED
Cooler #1:	2.8 °C	2.6 °C
Cooler #2:	°C	°C
Cooler #3:	°C	°C
Cooler #4:	°C	°C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

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: 8/18/20

EDS-WI-038, Rev 4.1
 10/22/2019

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 460-216353-1

Login Number: 216353

List Source: Eurofins TestAmerica, Edison

List Number: 1

Creator: Lysy, Susan

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.	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 460-216635-1

Job Description: WA32 - Northrop Grumman

For:
HDR Inc
16 Corporate Woods Blvd.
Ste 204
Albany, NY 12211
Attention: Scott Englert



Approved for release.
Julie L Gilmore
Project Manager I
8/31/2020 9:16 AM

Julie L Gilmore, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(484)685-0865
Julie.Gilmore@Eurofinset.com
08/31/2020

cc: Mr. Michael Lehtinen

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

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

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.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

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CASE NARRATIVE

Client: HDR Inc

Project: WA32 - Northrop Grumman

Report Number: 460-216635-1

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 08/20/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.9 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 DEC2D1_20200818 (460-216635-1), EB_20200818 (460-216635-2), DEC1D1_20200819 (460-216635-3), DEC1D2_20200820 (460-216635-4), TB_20200820 (460-216635-5) and DEC_GW_DUPE_20200820 (460-216635-6) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/28/2020.

The continuing calibration verification (CCV) analyzed in batch 460-720234 was outside the method criteria for the following analytes: Methyl tert-butyl ether and Trichlorofluoromethane. 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 analytes are considered estimated.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples DEC2D1_20200818 (460-216635-1), EB_20200818 (460-216635-2), DEC1D1_20200819 (460-216635-3), DEC1D2_20200820 (460-216635-4) and DEC_GW_DUPE_20200820 (460-216635-6) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270D SIM 1,4Dioxane. The samples were prepared on 08/23/2020 and analyzed on 08/24/2020.

1,4-Dioxane failed the recovery criteria high for the MS of sample DEC2D1_20200818MS (460-216635-1) in batch 460-719128.

1,4-Dioxane exceeded the RPD limit for the MSD of sample DEC2D1_20200818MSD (460-216635-1) in batch 460-719128.

Refer to the QC report for details.

No other difficulties were encountered during the 1,4 Dioxane analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216635-1	DEC2D1_20200818	Water	08/18/20 14:12	08/20/20 18:00	
460-216635-2	EB_20200818	Water	08/18/20 14:00	08/20/20 18:00	
460-216635-3	DEC1D1_20200819	Water	08/19/20 13:55	08/20/20 18:00	
460-216635-4	DEC1D2_20200820	Water	08/20/20 09:55	08/20/20 18:00	
460-216635-5	TB_20200820	Water	08/20/20 00:00	08/20/20 18:00	
460-216635-6	DEC_GW_DUPE_20200820	Water	08/20/20 00:00	08/20/20 18:00	

Detection Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC2D1_20200818

Lab Sample ID: 460-216635-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.85	J	1.0	0.31	ug/L	1		8260C	Total/NA
1,4-Dioxane	0.10	J F1 F2	0.20	0.016	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: EB_20200818

Lab Sample ID: 460-216635-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.3		5.0	4.4	ug/L	1		8260C	Total/NA
Chloromethane	0.53	J	1.0	0.40	ug/L	1		8260C	Total/NA

Client Sample ID: DEC1D1_20200819

Lab Sample ID: 460-216635-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.2		1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: DEC1D2_20200820

Lab Sample ID: 460-216635-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.59	J	1.0	0.40	ug/L	1		8260C	Total/NA
Toluene	0.48	J	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: TB_20200820

Lab Sample ID: 460-216635-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9		5.0	4.4	ug/L	1		8260C	Total/NA

Client Sample ID: DEC_GW_DUPE_20200820

Lab Sample ID: 460-216635-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.45	J	1.0	0.40	ug/L	1		8260C	Total/NA
Toluene	0.47	J	1.0	0.38	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	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: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC2D1_20200818

Lab Sample ID: 460-216635-1

Date Collected: 08/18/20 14:12

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 12:14	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 12:14	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 12:14	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 12:14	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 12:14	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 12:14	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 12:14	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 12:14	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 12:14	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 12:14	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 12:14	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 12:14	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 12:14	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 12:14	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 12:14	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 12:14	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 12:14	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 12:14	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 12:14	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 12:14	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 12:14	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 12:14	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 12:14	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 12:14	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 12:14	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 12:14	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 12:14	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 12:14	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 12:14	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 12:14	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 12:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 12:14	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 12:14	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 12:14	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 12:14	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 12:14	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 12:14	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 12:14	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 12:14	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 12:14	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 12:14	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 12:14	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 12:14	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 12:14	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 12:14	1
Trichloroethene	0.85	J	1.0	0.31	ug/L			08/28/20 12:14	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 12:14	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 12:14	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC2D1_20200818

Lab Sample ID: 460-216635-1

Date Collected: 08/18/20 14:12

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 12:14	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 12:14	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 12:14	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 12:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		75 - 123		08/28/20 12:14	1
4-Bromofluorobenzene	106		76 - 120		08/28/20 12:14	1
Dibromofluoromethane (Surr)	103		77 - 124		08/28/20 12:14	1
Toluene-d8 (Surr)	110		80 - 120		08/28/20 12:14	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.10	J F1 F2	0.20	0.016	ug/L		08/23/20 08:48	08/24/20 00:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	35		10 - 150	08/23/20 08:48	08/24/20 00:27	1

Client Sample ID: EB_20200818

Lab Sample ID: 460-216635-2

Date Collected: 08/18/20 14:00

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 14:33	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:33	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:33	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 14:33	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 14:33	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 14:33	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 14:33	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 14:33	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:33	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 14:33	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 14:33	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 14:33	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 14:33	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 14:33	1
Acetone	6.3		5.0	4.4	ug/L			08/28/20 14:33	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 14:33	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 14:33	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 14:33	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 14:33	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 14:33	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 14:33	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 14:33	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 14:33	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:33	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: EB_20200818

Lab Sample ID: 460-216635-2

Date Collected: 08/18/20 14:00

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 14:33	1
Chloromethane	0.53	J	1.0	0.40	ug/L			08/28/20 14:33	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 14:33	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 14:33	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 14:33	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 14:33	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:33	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 14:33	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 14:33	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:33	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 14:33	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 14:33	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 14:33	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 14:33	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 14:33	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 14:33	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 14:33	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 14:33	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 14:33	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 14:33	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 14:33	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 14:33	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:33	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 14:33	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:33	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 14:33	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 14:33	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		75 - 123		08/28/20 14:33	1
4-Bromofluorobenzene	106		76 - 120		08/28/20 14:33	1
Dibromofluoromethane (Surr)	103		77 - 124		08/28/20 14:33	1
Toluene-d8 (Surr)	113		80 - 120		08/28/20 14:33	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/23/20 08:48	08/24/20 01:15	1
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	39		10 - 150	08/23/20 08:48	08/24/20 01:15	1			

Client Sample ID: DEC1D1_20200819

Lab Sample ID: 460-216635-3

Date Collected: 08/19/20 13:55

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 15:19	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: HDR Inc
 Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC1D1_20200819

Lab Sample ID: 460-216635-3

Date Collected: 08/19/20 13:55

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 15:19	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 15:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 15:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 15:19	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 15:19	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 15:19	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 15:19	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 15:19	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 15:19	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 15:19	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 15:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 15:19	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 15:19	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 15:19	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 15:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 15:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 15:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 15:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 15:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 15:19	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 15:19	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 15:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 15:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 15:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 15:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 15:19	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 15:19	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 15:19	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 15:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 15:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 15:19	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 15:19	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 15:19	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 15:19	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 15:19	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 15:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 15:19	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 15:19	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 15:19	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 15:19	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 15:19	1
Toluene	1.2		1.0	0.38	ug/L			08/28/20 15:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 15:19	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 15:19	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 15:19	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 15:19	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 15:19	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 15:19	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC1D1_20200819

Lab Sample ID: 460-216635-3

Date Collected: 08/19/20 13:55

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 15:19	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 15:19	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 123		08/28/20 15:19	1
4-Bromofluorobenzene	97		76 - 120		08/28/20 15:19	1
Dibromofluoromethane (Surr)	96		77 - 124		08/28/20 15:19	1
Toluene-d8 (Surr)	103		80 - 120		08/28/20 15:19	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/23/20 08:48	08/24/20 01:30	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	19		10 - 150	08/23/20 08:48	08/24/20 01:30	1

Client Sample ID: DEC1D2_20200820

Lab Sample ID: 460-216635-4

Date Collected: 08/20/20 09:55

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 15:42	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 15:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 15:42	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 15:42	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 15:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 15:42	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 15:42	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 15:42	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 15:42	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 15:42	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 15:42	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 15:42	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 15:42	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 15:42	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 15:42	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 15:42	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 15:42	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 15:42	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 15:42	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 15:42	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 15:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 15:42	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 15:42	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 15:42	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 15:42	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 15:42	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC1D2_20200820

Lab Sample ID: 460-216635-4

Date Collected: 08/20/20 09:55

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.59	J	1.0	0.40	ug/L			08/28/20 15:42	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 15:42	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 15:42	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 15:42	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 15:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 15:42	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 15:42	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 15:42	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 15:42	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 15:42	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 15:42	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 15:42	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 15:42	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 15:42	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 15:42	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 15:42	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 15:42	1
Toluene	0.48	J	1.0	0.38	ug/L			08/28/20 15:42	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 15:42	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 15:42	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 15:42	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 15:42	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 15:42	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 15:42	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 15:42	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 15:42	1
Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					08/28/20 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>82</i>		<i>75 - 123</i>					08/28/20 15:42	1
<i>4-Bromofluorobenzene</i>	<i>99</i>		<i>76 - 120</i>					08/28/20 15:42	1
<i>Dibromofluoromethane (Surr)</i>	<i>98</i>		<i>77 - 124</i>					08/28/20 15:42	1
<i>Toluene-d8 (Surr)</i>	<i>101</i>		<i>80 - 120</i>					08/28/20 15:42	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/23/20 08:48	08/24/20 01:46	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>1,4-Dioxane-d8</i>	<i>36</i>		<i>10 - 150</i>				<i>08/23/20 08:48</i>	<i>08/24/20 01:46</i>	<i>1</i>

Client Sample ID: TB_20200820

Lab Sample ID: 460-216635-5

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 11:51	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 11:51	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: TB_20200820

Lab Sample ID: 460-216635-5

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:51	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:51	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 11:51	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 11:51	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 11:51	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 11:51	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 11:51	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:51	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 11:51	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 11:51	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 11:51	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 11:51	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 11:51	1
Acetone	8.9		5.0	4.4	ug/L			08/28/20 11:51	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 11:51	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 11:51	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 11:51	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 11:51	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 11:51	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 11:51	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 11:51	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 11:51	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:51	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 11:51	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 11:51	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 11:51	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 11:51	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 11:51	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 11:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 11:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 11:51	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:51	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 11:51	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 11:51	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 11:51	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 11:51	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 11:51	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 11:51	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 11:51	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 11:51	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 11:51	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 11:51	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 11:51	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 11:51	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:51	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 11:51	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:51	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 11:51	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: TB_20200820

Lab Sample ID: 460-216635-5

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 11:51	1
<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					08/28/20 11:51	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	82		75 - 123					08/28/20 11:51	1
<i>4-Bromofluorobenzene</i>	102		76 - 120					08/28/20 11:51	1
<i>Dibromofluoromethane (Surr)</i>	95		77 - 124					08/28/20 11:51	1
<i>Toluene-d8 (Surr)</i>	104		80 - 120					08/28/20 11:51	1

Client Sample ID: DEC_GW_DUPE_20200820

Lab Sample ID: 460-216635-6

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

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			08/28/20 16:05	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 16:05	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:05	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 16:05	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 16:05	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 16:05	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 16:05	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 16:05	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:05	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 16:05	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 16:05	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 16:05	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 16:05	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 16:05	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 16:05	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 16:05	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 16:05	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 16:05	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 16:05	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 16:05	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 16:05	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 16:05	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 16:05	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:05	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 16:05	1
Chloromethane	0.45	J	1.0	0.40	ug/L			08/28/20 16:05	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 16:05	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 16:05	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 16:05	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 16:05	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 16:05	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 16:05	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC_GW_DUPE_20200820

Lab Sample ID: 460-216635-6

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 16:05	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:05	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 16:05	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 16:05	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 16:05	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 16:05	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 16:05	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 16:05	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 16:05	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 16:05	1
Toluene	0.47	J	1.0	0.38	ug/L			08/28/20 16:05	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 16:05	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 16:05	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 16:05	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:05	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 16:05	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:05	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 16:05	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 16:05	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		75 - 123		08/28/20 16:05	1
4-Bromofluorobenzene	100		76 - 120		08/28/20 16:05	1
Dibromofluoromethane (Surr)	98		77 - 124		08/28/20 16:05	1
Toluene-d8 (Surr)	106		80 - 120		08/28/20 16:05	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/23/20 08:48	08/24/20 02:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	41		10 - 150	08/23/20 08:48	08/24/20 02:02	1

Surrogate Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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)
460-216635-1	DEC2D1_20200818	86	106	103	110
460-216635-1 MS	DEC2D1_20200818	83	103	94	103
460-216635-1 MSD	DEC2D1_20200818	83	104	94	102
460-216635-2	EB_20200818	87	106	103	113
460-216635-3	DEC1D1_20200819	81	97	96	103
460-216635-4	DEC1D2_20200820	82	99	98	101
460-216635-5	TB_20200820	82	102	95	104
460-216635-6	DEC_GW_DUPE_20200820	82	100	98	106
LCS 460-720234/4	Lab Control Sample	84	105	96	100
MB 460-720234/9	Method Blank	81	99	95	105

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Isotope Dilution Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (10-150)
460-216635-1	DEC2D1_20200818	35
460-216635-1 MS	DEC2D1_20200818	39
460-216635-1 MSD	DEC2D1_20200818	35
460-216635-2	EB_20200818	39
460-216635-3	DEC1D1_20200819	19
460-216635-4	DEC1D2_20200820	36
460-216635-6	DEC_GW_DUPE_20200820	41
MB 460-719055/1-A	Method Blank	45

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (10-200)
LCS 460-719055/2-A	Lab Control Sample	51
LCSD 460-719055/3-A	Lab Control Sample Dup	33

Surrogate Legend

DXE = 1,4-Dioxane-d8

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: MB 460-720234/9

Matrix: Water

Analysis Batch: 720234

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/28/20 11:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 11:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 11:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 11:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 11:28	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 11:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 11:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 11:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 11:28	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 11:28	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 11:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 11:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 11:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 11:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 11:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 11:28	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 11:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 11:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 11:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 11:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 11:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 11:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 11:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 11:28	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 11:28	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 11:28	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 11:28	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 11:28	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 11:28	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 11:28	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 11:28	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: MB 460-720234/9
Matrix: Water
Analysis Batch: 720234

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 11:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 123		08/28/20 11:28	1
4-Bromofluorobenzene	99		76 - 120		08/28/20 11:28	1
Dibromofluoromethane (Surr)	95		77 - 124		08/28/20 11:28	1
Toluene-d8 (Surr)	105		80 - 120		08/28/20 11:28	1

Lab Sample ID: LCS 460-720234/4
Matrix: Water
Analysis Batch: 720234

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	19.2		ug/L		96	68 - 128
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/L		86	59 - 142
1,1,2-Trichloroethane	20.0	18.7		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130
1,1-Dichloroethene	20.0	16.7		ug/L		83	68 - 133
1,2,3-Trichlorobenzene	20.0	18.4		ug/L		92	53 - 144
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		100	64 - 132
1,2-Dichloropropane	20.0	21.0		ug/L		105	76 - 126
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 121
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 118
1,4-Dioxane	400	375		ug/L		94	70 - 142
2-Butanone (MEK)	100	97.8		ug/L		98	69 - 128
2-Hexanone	100	101		ug/L		101	74 - 127
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	78 - 125
Acetone	100	65.6		ug/L		66	61 - 134
Benzene	20.0	20.5		ug/L		103	78 - 126
Bromoform	20.0	19.9		ug/L		100	38 - 144
Bromomethane	20.0	14.6		ug/L		73	10 - 150
Carbon disulfide	20.0	15.9		ug/L		80	64 - 138
Carbon tetrachloride	20.0	20.1		ug/L		100	56 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 119
Chlorobromomethane	20.0	20.4		ug/L		102	73 - 126
Chlorodibromomethane	20.0	19.5		ug/L		98	58 - 130
Chloroethane	20.0	13.5		ug/L		67	29 - 150
Chloroform	20.0	19.1		ug/L		95	78 - 125
Chloromethane	20.0	17.8		ug/L		89	38 - 150
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	78 - 121

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: LCS 460-720234/4
Matrix: Water
Analysis Batch: 720234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125
Cyclohexane	20.0	24.0		ug/L		120	67 - 133
Dichlorobromomethane	20.0	18.8		ug/L		94	72 - 121
Dichlorodifluoromethane	20.0	17.2		ug/L		86	31 - 150
Ethylbenzene	20.0	20.9		ug/L		104	78 - 120
Ethylene Dibromide	20.0	19.5		ug/L		97	69 - 126
Isopropylbenzene	20.0	21.4		ug/L		107	79 - 125
Methyl acetate	40.0	43.7		ug/L		109	70 - 127
Methyl tert-butyl ether	20.0	14.8		ug/L		74	65 - 131
Methylcyclohexane	20.0	23.3		ug/L		116	60 - 139
Methylene Chloride	20.0	16.2		ug/L		81	74 - 127
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	78 - 123
o-Xylene	20.0	21.8		ug/L		109	78 - 122
Styrene	20.0	21.5		ug/L		108	75 - 127
Tetrachloroethene	20.0	20.4		ug/L		102	70 - 127
Toluene	20.0	19.8		ug/L		99	78 - 119
trans-1,2-Dichloroethene	20.0	17.1		ug/L		85	74 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	66 - 127
Trichloroethene	20.0	21.0		ug/L		105	71 - 121
Trichlorofluoromethane	20.0	13.9		ug/L		69	61 - 140
Vinyl chloride	20.0	17.8		ug/L		89	61 - 144
1,2-Dichloroethane	20.0	17.1		ug/L		86	75 - 121
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	41 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		75 - 123
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	96		77 - 124
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 460-216635-1 MS
Matrix: Water
Analysis Batch: 720234

Client Sample ID: DEC2D1_20200818
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.24	U	20.0	20.3		ug/L		101	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.8		ug/L		89	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	18.2		ug/L		91	59 - 142
1,1,2-Trichloroethane	0.43	U	20.0	18.7		ug/L		94	74 - 125
1,1-Dichloroethane	0.26	U	20.0	20.7		ug/L		104	73 - 130
1,1-Dichloroethene	0.26	U	20.0	17.8		ug/L		89	68 - 133
1,2,3-Trichlorobenzene	0.36	U	20.0	17.5		ug/L		88	53 - 144
1,2,4-Trichlorobenzene	0.37	U	20.0	19.4		ug/L		97	64 - 132
1,2-Dichloropropane	0.35	U	20.0	22.0		ug/L		110	76 - 126
1,3-Dichlorobenzene	0.34	U	20.0	20.6		ug/L		103	80 - 121
1,4-Dichlorobenzene	0.33	U	20.0	19.4		ug/L		97	80 - 118
1,4-Dioxane	28	U	400	317		ug/L		79	70 - 142

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: 460-216635-1 MS

Matrix: Water

Analysis Batch: 720234

Client Sample ID: DEC2D1_20200818

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Butanone (MEK)	1.9	U	100	100		ug/L		100	69 - 128
2-Hexanone	1.1	U	100	102		ug/L		102	74 - 127
4-Methyl-2-pentanone (MIBK)	1.3	U	100	113		ug/L		113	78 - 125
Acetone	4.4	U	100	64.1		ug/L		64	61 - 134
Benzene	0.20	U	20.0	21.5		ug/L		107	78 - 126
Bromoform	0.54	U	20.0	19.8		ug/L		99	38 - 144
Bromomethane	0.55	U	20.0	17.7		ug/L		89	10 - 150
Carbon disulfide	0.82	U	20.0	17.0		ug/L		85	64 - 138
Carbon tetrachloride	0.21	U	20.0	21.1		ug/L		106	56 - 131
Chlorobenzene	0.38	U	20.0	22.4		ug/L		112	80 - 119
Chlorobromomethane	0.41	U	20.0	20.8		ug/L		104	73 - 126
Chlorodibromomethane	0.28	U	20.0	19.9		ug/L		100	58 - 130
Chloroethane	0.32	U	20.0	14.6		ug/L		73	29 - 150
Chloroform	0.33	U	20.0	19.8		ug/L		99	78 - 125
Chloromethane	0.40	U	20.0	18.8		ug/L		94	38 - 150
cis-1,2-Dichloroethene	0.22	U	20.0	20.4		ug/L		102	78 - 121
cis-1,3-Dichloropropene	0.22	U	20.0	19.9		ug/L		99	74 - 125
Cyclohexane	0.32	U	20.0	25.1		ug/L		126	67 - 133
Dichlorobromomethane	0.34	U	20.0	19.0		ug/L		95	72 - 121
Dichlorodifluoromethane	0.31	U	20.0	18.0		ug/L		90	31 - 150
Ethylbenzene	0.30	U	20.0	21.4		ug/L		107	78 - 120
Ethylene Dibromide	0.50	U	20.0	19.0		ug/L		95	69 - 126
Isopropylbenzene	0.34	U	20.0	22.3		ug/L		111	79 - 125
Methyl acetate	0.79	U	40.0	46.9		ug/L		117	70 - 127
Methyl tert-butyl ether	0.47	U	20.0	14.5		ug/L		72	65 - 131
Methylcyclohexane	0.26	U	20.0	24.9		ug/L		124	60 - 139
Methylene Chloride	0.32	U	20.0	16.7		ug/L		84	74 - 127
m-Xylene & p-Xylene	0.30	U	20.0	21.9		ug/L		110	78 - 123
o-Xylene	0.36	U	20.0	22.2		ug/L		111	78 - 122
Styrene	0.42	U	20.0	22.5		ug/L		112	75 - 127
Tetrachloroethene	0.25	U	20.0	22.0		ug/L		110	70 - 127
Toluene	0.38	U	20.0	21.2		ug/L		106	78 - 119
trans-1,2-Dichloroethene	0.24	U	20.0	17.7		ug/L		89	74 - 126
trans-1,3-Dichloropropene	0.49	U	20.0	19.2		ug/L		96	66 - 127
Trichloroethene	0.85	J	20.0	22.9		ug/L		110	71 - 121
Trichlorofluoromethane	0.32	U	20.0	14.8		ug/L		74	61 - 140
Vinyl chloride	0.17	U	20.0	19.0		ug/L		95	61 - 144
1,2-Dichloroethane	0.43	U	20.0	18.2		ug/L		91	75 - 121
1,2-Dichlorobenzene	0.43	U	20.0	19.7		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.0		ug/L		80	41 - 143
		MS	MS						
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	83		75 - 123						
4-Bromofluorobenzene	103		76 - 120						
Dibromofluoromethane (Surr)	94		77 - 124						
Toluene-d8 (Surr)	103		80 - 120						

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: 460-216635-1 MSD

Matrix: Water

Analysis Batch: 720234

Client Sample ID: DEC2D1_20200818

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits			
1,1,1-Trichloroethane	0.24	U	20.0	19.6		ug/L		98	68 - 128	3	30	
1,1,2,2-Tetrachloroethane	0.37	U	20.0	17.9		ug/L		90	63 - 139	1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	18.0		ug/L		90	59 - 142	1	30	
1,1,2-Trichloroethane	0.43	U	20.0	18.5		ug/L		93	74 - 125	1	30	
1,1-Dichloroethane	0.26	U	20.0	20.3		ug/L		101	73 - 130	2	30	
1,1-Dichloroethene	0.26	U	20.0	17.8		ug/L		89	68 - 133	0	30	
1,2,3-Trichlorobenzene	0.36	U	20.0	19.3		ug/L		97	53 - 144	10	30	
1,2,4-Trichlorobenzene	0.37	U	20.0	20.4		ug/L		102	64 - 132	5	30	
1,2-Dichloropropane	0.35	U	20.0	21.5		ug/L		107	76 - 126	2	30	
1,3-Dichlorobenzene	0.34	U	20.0	20.8		ug/L		104	80 - 121	1	30	
1,4-Dichlorobenzene	0.33	U	20.0	19.7		ug/L		99	80 - 118	2	30	
1,4-Dioxane	28	U	400	369		ug/L		92	70 - 142	15	30	
2-Butanone (MEK)	1.9	U	100	100		ug/L		100	69 - 128	0	30	
2-Hexanone	1.1	U	100	99.5		ug/L		99	74 - 127	3	30	
4-Methyl-2-pentanone (MIBK)	1.3	U	100	107		ug/L		107	78 - 125	6	30	
Acetone	4.4	U	100	65.5		ug/L		65	61 - 134	2	30	
Benzene	0.20	U	20.0	21.5		ug/L		108	78 - 126	0	30	
Bromoform	0.54	U	20.0	19.5		ug/L		97	38 - 144	1	30	
Bromomethane	0.55	U	20.0	18.2		ug/L		91	10 - 150	3	30	
Carbon disulfide	0.82	U	20.0	17.0		ug/L		85	64 - 138	0	30	
Carbon tetrachloride	0.21	U	20.0	20.9		ug/L		104	56 - 131	1	30	
Chlorobenzene	0.38	U	20.0	21.0		ug/L		105	80 - 119	6	30	
Chlorobromomethane	0.41	U	20.0	20.2		ug/L		101	73 - 126	3	30	
Chlorodibromomethane	0.28	U	20.0	19.0		ug/L		95	58 - 130	5	30	
Chloroethane	0.32	U	20.0	15.2		ug/L		76	29 - 150	4	30	
Chloroform	0.33	U	20.0	19.6		ug/L		98	78 - 125	1	30	
Chloromethane	0.40	U	20.0	20.3		ug/L		101	38 - 150	7	30	
cis-1,2-Dichloroethene	0.22	U	20.0	21.0		ug/L		105	78 - 121	3	30	
cis-1,3-Dichloropropene	0.22	U	20.0	19.8		ug/L		99	74 - 125	0	30	
Cyclohexane	0.32	U	20.0	24.8		ug/L		124	67 - 133	1	30	
Dichlorobromomethane	0.34	U	20.0	18.5		ug/L		92	72 - 121	3	30	
Dichlorodifluoromethane	0.31	U	20.0	18.6		ug/L		93	31 - 150	3	30	
Ethylbenzene	0.30	U	20.0	21.1		ug/L		105	78 - 120	2	30	
Ethylene Dibromide	0.50	U	20.0	18.5		ug/L		92	69 - 126	3	30	
Isopropylbenzene	0.34	U	20.0	22.2		ug/L		111	79 - 125	1	30	
Methyl acetate	0.79	U	40.0	43.9		ug/L		110	70 - 127	7	30	
Methyl tert-butyl ether	0.47	U	20.0	14.4		ug/L		72	65 - 131	1	30	
Methylcyclohexane	0.26	U	20.0	24.3		ug/L		122	60 - 139	2	30	
Methylene Chloride	0.32	U	20.0	16.5		ug/L		83	74 - 127	1	30	
m-Xylene & p-Xylene	0.30	U	20.0	21.5		ug/L		107	78 - 123	2	30	
o-Xylene	0.36	U	20.0	22.4		ug/L		112	78 - 122	1	30	
Styrene	0.42	U	20.0	22.1		ug/L		111	75 - 127	2	30	
Tetrachloroethene	0.25	U	20.0	21.6		ug/L		108	70 - 127	2	30	
Toluene	0.38	U	20.0	21.0		ug/L		105	78 - 119	1	30	
trans-1,2-Dichloroethene	0.24	U	20.0	17.7		ug/L		89	74 - 126	0	30	
trans-1,3-Dichloropropene	0.49	U	20.0	19.2		ug/L		96	66 - 127	0	30	
Trichloroethene	0.85	J	20.0	22.5		ug/L		108	71 - 121	2	30	
Trichlorofluoromethane	0.32	U	20.0	15.4		ug/L		77	61 - 140	4	30	

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

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

Lab Sample ID: 460-216635-1 MSD
Matrix: Water
Analysis Batch: 720234

Client Sample ID: DEC2D1_20200818
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	0.17	U	20.0	20.2		ug/L		101	61 - 144	6	30
1,2-Dichloroethane	0.43	U	20.0	17.0		ug/L		85	75 - 121	7	30
1,2-Dichlorobenzene	0.43	U	20.0	20.0		ug/L		100	79 - 122	2	30
1,2-Dibromo-3-Chloropropane	0.38	U	20.0	16.6		ug/L		83	41 - 143	4	30
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	83		75 - 123								
4-Bromofluorobenzene	104		76 - 120								
Dibromofluoromethane (Surr)	94		77 - 124								
Toluene-d8 (Surr)	102		80 - 120								

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-719055/1-A
Matrix: Water
Analysis Batch: 719128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719055

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/23/20 08:48	08/23/20 23:40	1
MB MB									
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1,4-Dioxane-d8	45		10 - 150	08/23/20 08:48	08/23/20 23:40	1			

Lab Sample ID: LCS 460-719055/2-A
Matrix: Water
Analysis Batch: 719128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719055

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.60	1.48		ug/L		92	10 - 200		
LCS LCS									
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	51		10 - 200						

Lab Sample ID: LCSD 460-719055/3-A
Matrix: Water
Analysis Batch: 719128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 719055

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	1.60	1.92		ug/L		120	10 - 200	26	50
LCSD LCSD									
Isotope Dilution	%Recovery	Qualifier	Limits						
1,4-Dioxane-d8	33		10 - 200						

Lab Sample ID: 460-216635-1 MS
Matrix: Water
Analysis Batch: 719128

Client Sample ID: DEC2D1_20200818
Prep Type: Total/NA
Prep Batch: 719055

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	0.10	J F1 F2	1.60	2.40	F1	ug/L		144	70 - 130		

QC Sample Results

Client: HDR Inc
 Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

<i>Isotope Dilution</i>	<i>MS</i>	<i>MS</i>	<i>Limits</i>
<i>1,4-Dioxane-d8</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>10 - 150</i>
	39		

Lab Sample ID: 460-216635-1 MSD
 Matrix: Water
 Analysis Batch: 719128

Client Sample ID: DEC2D1_20200818
 Prep Type: Total/NA
 Prep Batch: 719055

<i>Analyte</i>	<i>Sample</i>	<i>Sample</i>	<i>Spike</i>	<i>MSD</i>	<i>MSD</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>	<i>RPD</i>	<i>RPD</i>	<i>Limit</i>
<i>1,4-Dioxane</i>	<i>Result</i>	<i>Qualifier</i>	<i>Added</i>	<i>Result</i>	<i>Qualifier</i>	<i>ug/L</i>	<i></i>	<i>102</i>	<i>70 - 130</i>	<i>32</i>	<i>20</i>	<i></i>
	0.10	J F1 F2	1.60	1.74	F2							

<i>Isotope Dilution</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
<i>1,4-Dioxane-d8</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>10 - 150</i>
	35		

Definitions/Glossary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

GC/MS VOA

Analysis Batch: 720234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216635-1	DEC2D1_20200818	Total/NA	Water	8260C	
460-216635-2	EB_20200818	Total/NA	Water	8260C	
460-216635-3	DEC1D1_20200819	Total/NA	Water	8260C	
460-216635-4	DEC1D2_20200820	Total/NA	Water	8260C	
460-216635-5	TB_20200820	Total/NA	Water	8260C	
460-216635-6	DEC_GW_DUPE_20200820	Total/NA	Water	8260C	
MB 460-720234/9	Method Blank	Total/NA	Water	8260C	
LCS 460-720234/4	Lab Control Sample	Total/NA	Water	8260C	
460-216635-1 MS	DEC2D1_20200818	Total/NA	Water	8260C	
460-216635-1 MSD	DEC2D1_20200818	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 719055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216635-1	DEC2D1_20200818	Total/NA	Water	3510C	
460-216635-2	EB_20200818	Total/NA	Water	3510C	
460-216635-3	DEC1D1_20200819	Total/NA	Water	3510C	
460-216635-4	DEC1D2_20200820	Total/NA	Water	3510C	
460-216635-6	DEC_GW_DUPE_20200820	Total/NA	Water	3510C	
MB 460-719055/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-719055/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-719055/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-216635-1 MS	DEC2D1_20200818	Total/NA	Water	3510C	
460-216635-1 MSD	DEC2D1_20200818	Total/NA	Water	3510C	

Analysis Batch: 719128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216635-1	DEC2D1_20200818	Total/NA	Water	8270D SIM ID	719055
460-216635-2	EB_20200818	Total/NA	Water	8270D SIM ID	719055
460-216635-3	DEC1D1_20200819	Total/NA	Water	8270D SIM ID	719055
460-216635-4	DEC1D2_20200820	Total/NA	Water	8270D SIM ID	719055
460-216635-6	DEC_GW_DUPE_20200820	Total/NA	Water	8270D SIM ID	719055
MB 460-719055/1-A	Method Blank	Total/NA	Water	8270D SIM ID	719055
LCS 460-719055/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	719055
LCSD 460-719055/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	719055
460-216635-1 MS	DEC2D1_20200818	Total/NA	Water	8270D SIM ID	719055
460-216635-1 MSD	DEC2D1_20200818	Total/NA	Water	8270D SIM ID	719055

Lab Chronicle

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Client Sample ID: DEC2D1_20200818

Lab Sample ID: 460-216635-1

Date Collected: 08/18/20 14:12

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 12:14	CJM	TAL EDI
Total/NA	Prep	3510C			719055	08/23/20 08:48	DXD	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719128	08/24/20 00:27	YAH	TAL EDI

Client Sample ID: EB_20200818

Lab Sample ID: 460-216635-2

Date Collected: 08/18/20 14:00

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 14:33	CJM	TAL EDI
Total/NA	Prep	3510C			719055	08/23/20 08:48	DXD	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719128	08/24/20 01:15	YAH	TAL EDI

Client Sample ID: DEC1D1_20200819

Lab Sample ID: 460-216635-3

Date Collected: 08/19/20 13:55

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 15:19	CJM	TAL EDI
Total/NA	Prep	3510C			719055	08/23/20 08:48	DXD	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719128	08/24/20 01:30	YAH	TAL EDI

Client Sample ID: DEC1D2_20200820

Lab Sample ID: 460-216635-4

Date Collected: 08/20/20 09:55

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 15:42	CJM	TAL EDI
Total/NA	Prep	3510C			719055	08/23/20 08:48	DXD	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719128	08/24/20 01:46	YAH	TAL EDI

Client Sample ID: TB_20200820

Lab Sample ID: 460-216635-5

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 11:51	CJM	TAL EDI

Client Sample ID: DEC_GW_DUPE_20200820

Lab Sample ID: 460-216635-6

Date Collected: 08/20/20 00:00

Matrix: Water

Date Received: 08/20/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 16:05	CJM	TAL EDI
Total/NA	Prep	3510C			719055	08/23/20 08:48	DXD	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719128	08/24/20 02:02	YAH	TAL EDI

Eurofins TestAmerica, Edison

Lab Chronicle

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Laboratory References:

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

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216635-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert No.>	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-18-00135	05-03-21

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

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 #
DEC2D1_20200818	460-216635-1	103	86	110	106
EB_20200818	460-216635-2	103	87	113	106
DEC1D1_20200819	460-216635-3	96	81	103	97
DEC1D2_20200820	460-216635-4	98	82	101	99
TB_20200820	460-216635-5	95	82	104	102
DEC_GW_DUPE_20200820	460-216635-6	98	82	106	100
	MB 460-720234/9	95	81	105	99
	LCS 460-720234/4	96	84	100	105
DEC2D1_20200818 MS	460-216635-1 MS	94	83	103	103
DEC2D1_20200818 MSD	460-216635-1 MSD	94	83	102	104

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

QC LIMITS
77-124
75-123
80-120
76-120

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P79027.D

Lab ID: LCS 460-720234/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.5	88	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1	86	59-142	
1,1,2-Trichloroethane	20.0	18.7	93	74-125	
1,1-Dichloroethane	20.0	20.0	100	73-130	
1,1-Dichloroethene	20.0	16.7	83	68-133	
1,2,3-Trichlorobenzene	20.0	18.4	92	53-144	
1,2,4-Trichlorobenzene	20.0	20.1	100	64-132	
1,2-Dichloropropane	20.0	21.0	105	76-126	
1,3-Dichlorobenzene	20.0	19.9	100	80-121	
1,4-Dichlorobenzene	20.0	19.1	95	80-118	
1,4-Dioxane	400	375	94	70-142	
2-Butanone (MEK)	100	97.8	98	69-128	
2-Hexanone	100	101	101	74-127	
4-Methyl-2-pentanone (MIBK)	100	106	106	78-125	
Acetone	100	65.6	66	61-134	
Benzene	20.0	20.5	103	78-126	
Bromoform	20.0	19.9	100	38-144	
Bromomethane	20.0	14.6	73	10-150	
Carbon disulfide	20.0	15.9	80	64-138	
Carbon tetrachloride	20.0	20.1	100	56-131	
Chlorobenzene	20.0	20.6	103	80-119	
Chlorobromomethane	20.0	20.4	102	73-126	
Chlorodibromomethane	20.0	19.5	98	58-130	
Chloroethane	20.0	13.5	67	29-150	
Chloroform	20.0	19.1	95	78-125	
Chloromethane	20.0	17.8	89	38-150	
cis-1,2-Dichloroethene	20.0	20.5	103	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	74-125	
Cyclohexane	20.0	24.0	120	67-133	
Dichlorobromomethane	20.0	18.8	94	72-121	
Dichlorodifluoromethane	20.0	17.2	86	31-150	
Ethylbenzene	20.0	20.9	104	78-120	
Ethylene Dibromide	20.0	19.5	97	69-126	
Isopropylbenzene	20.0	21.4	107	79-125	
Methyl acetate	40.0	43.7	109	70-127	
Methyl tert-butyl ether	20.0	14.8	74	65-131	
Methylcyclohexane	20.0	23.3	116	60-139	
Methylene Chloride	20.0	16.2	81	74-127	
m-Xylene & p-Xylene	20.0	21.0	105	78-123	
o-Xylene	20.0	21.8	109	78-122	

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.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P79027.D

Lab ID: LCS 460-720234/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	21.5	108	75-127	
Tetrachloroethene	20.0	20.4	102	70-127	
Toluene	20.0	19.8	99	78-119	
trans-1,2-Dichloroethene	20.0	17.1	85	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
Trichloroethene	20.0	21.0	105	71-121	
Trichlorofluoromethane	20.0	13.9	69	61-140	
Vinyl chloride	20.0	17.8	89	61-144	
1,2-Dichloroethane	20.0	17.1	86	75-121	
1,2-Dichlorobenzene	20.0	19.2	96	79-122	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	41-143	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P79036.D

Lab ID: 460-216635-1 MS

Client ID: DEC2D1_20200818 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	0.24 U	20.3	101	68-128	
1,1,2,2-Tetrachloroethane	20.0	0.37 U	17.8	89	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	0.31 U	18.2	91	59-142	
1,1,2-Trichloroethane	20.0	0.43 U	18.7	94	74-125	
1,1-Dichloroethane	20.0	0.26 U	20.7	104	73-130	
1,1-Dichloroethene	20.0	0.26 U	17.8	89	68-133	
1,2,3-Trichlorobenzene	20.0	0.36 U	17.5	88	53-144	
1,2,4-Trichlorobenzene	20.0	0.37 U	19.4	97	64-132	
1,2-Dichloropropane	20.0	0.35 U	22.0	110	76-126	
1,3-Dichlorobenzene	20.0	0.34 U	20.6	103	80-121	
1,4-Dichlorobenzene	20.0	0.33 U	19.4	97	80-118	
1,4-Dioxane	400	28 U	317	79	70-142	
2-Butanone (MEK)	100	1.9 U	100	100	69-128	
2-Hexanone	100	1.1 U	102	102	74-127	
4-Methyl-2-pentanone (MIBK)	100	1.3 U	113	113	78-125	
Acetone	100	4.4 U	64.1	64	61-134	
Benzene	20.0	0.20 U	21.5	107	78-126	
Bromoform	20.0	0.54 U	19.8	99	38-144	
Bromomethane	20.0	0.55 U	17.7	89	10-150	
Carbon disulfide	20.0	0.82 U	17.0	85	64-138	
Carbon tetrachloride	20.0	0.21 U	21.1	106	56-131	
Chlorobenzene	20.0	0.38 U	22.4	112	80-119	
Chlorobromomethane	20.0	0.41 U	20.8	104	73-126	
Chlorodibromomethane	20.0	0.28 U	19.9	100	58-130	
Chloroethane	20.0	0.32 U	14.6	73	29-150	
Chloroform	20.0	0.33 U	19.8	99	78-125	
Chloromethane	20.0	0.40 U	18.8	94	38-150	
cis-1,2-Dichloroethene	20.0	0.22 U	20.4	102	78-121	
cis-1,3-Dichloropropene	20.0	0.22 U	19.9	99	74-125	
Cyclohexane	20.0	0.32 U	25.1	126	67-133	
Dichlorobromomethane	20.0	0.34 U	19.0	95	72-121	
Dichlorodifluoromethane	20.0	0.31 U	18.0	90	31-150	
Ethylbenzene	20.0	0.30 U	21.4	107	78-120	
Ethylene Dibromide	20.0	0.50 U	19.0	95	69-126	
Isopropylbenzene	20.0	0.34 U	22.3	111	79-125	
Methyl acetate	40.0	0.79 U	46.9	117	70-127	
Methyl tert-butyl ether	20.0	0.47 U	14.5	72	65-131	
Methylcyclohexane	20.0	0.26 U	24.9	124	60-139	
Methylene Chloride	20.0	0.32 U	16.7	84	74-127	
m-Xylene & p-Xylene	20.0	0.30 U	21.9	110	78-123	
o-Xylene	20.0	0.36 U	22.2	111	78-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P79036.D
 Lab ID: 460-216635-1 MS Client ID: DEC2D1_20200818 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Styrene	20.0	0.42 U	22.5	112	75-127	
Tetrachloroethene	20.0	0.25 U	22.0	110	70-127	
Toluene	20.0	0.38 U	21.2	106	78-119	
trans-1,2-Dichloroethene	20.0	0.24 U	17.7	89	74-126	
trans-1,3-Dichloropropene	20.0	0.49 U	19.2	96	66-127	
Trichloroethene	20.0	0.85 J	22.9	110	71-121	
Trichlorofluoromethane	20.0	0.32 U	14.8	74	61-140	
Vinyl chloride	20.0	0.17 U	19.0	95	61-144	
1,2-Dichloroethane	20.0	0.43 U	18.2	91	75-121	
1,2-Dichlorobenzene	20.0	0.43 U	19.7	99	79-122	
1,2-Dibromo-3-Chloropropane	20.0	0.38 U	16.0	80	41-143	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: P79037.D

Lab ID: 460-216635-1 MSD

Client ID: DEC2D1_20200818 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	19.6	98	3	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.9	90	1	30	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.0	90	1	30	59-142	
1,1,2-Trichloroethane	20.0	18.5	93	1	30	74-125	
1,1-Dichloroethane	20.0	20.3	101	2	30	73-130	
1,1-Dichloroethene	20.0	17.8	89	0	30	68-133	
1,2,3-Trichlorobenzene	20.0	19.3	97	10	30	53-144	
1,2,4-Trichlorobenzene	20.0	20.4	102	5	30	64-132	
1,2-Dichloropropane	20.0	21.5	107	2	30	76-126	
1,3-Dichlorobenzene	20.0	20.8	104	1	30	80-121	
1,4-Dichlorobenzene	20.0	19.7	99	2	30	80-118	
1,4-Dioxane	400	369	92	15	30	70-142	
2-Butanone (MEK)	100	100	100	0	30	69-128	
2-Hexanone	100	99.5	99	3	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	107	107	6	30	78-125	
Acetone	100	65.5	65	2	30	61-134	
Benzene	20.0	21.5	108	0	30	78-126	
Bromoform	20.0	19.5	97	1	30	38-144	
Bromomethane	20.0	18.2	91	3	30	10-150	
Carbon disulfide	20.0	17.0	85	0	30	64-138	
Carbon tetrachloride	20.0	20.9	104	1	30	56-131	
Chlorobenzene	20.0	21.0	105	6	30	80-119	
Chlorobromomethane	20.0	20.2	101	3	30	73-126	
Chlorodibromomethane	20.0	19.0	95	5	30	58-130	
Chloroethane	20.0	15.2	76	4	30	29-150	
Chloroform	20.0	19.6	98	1	30	78-125	
Chloromethane	20.0	20.3	101	7	30	38-150	
cis-1,2-Dichloroethene	20.0	21.0	105	3	30	78-121	
cis-1,3-Dichloropropene	20.0	19.8	99	0	30	74-125	
Cyclohexane	20.0	24.8	124	1	30	67-133	
Dichlorobromomethane	20.0	18.5	92	3	30	72-121	
Dichlorodifluoromethane	20.0	18.6	93	3	30	31-150	
Ethylbenzene	20.0	21.1	105	2	30	78-120	
Ethylene Dibromide	20.0	18.5	92	3	30	69-126	
Isopropylbenzene	20.0	22.2	111	1	30	79-125	
Methyl acetate	40.0	43.9	110	7	30	70-127	
Methyl tert-butyl ether	20.0	14.4	72	1	30	65-131	
Methylcyclohexane	20.0	24.3	122	2	30	60-139	
Methylene Chloride	20.0	16.5	83	1	30	74-127	
m-Xylene & p-Xylene	20.0	21.5	107	2	30	78-123	
o-Xylene	20.0	22.4	112	1	30	78-122	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: P79037.D
 Lab ID: 460-216635-1 MSD Client ID: DEC2D1_20200818 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Styrene	20.0	22.1	111	2	30	75-127	
Tetrachloroethene	20.0	21.6	108	2	30	70-127	
Toluene	20.0	21.0	105	1	30	78-119	
trans-1,2-Dichloroethene	20.0	17.7	89	0	30	74-126	
trans-1,3-Dichloropropene	20.0	19.2	96	0	30	66-127	
Trichloroethene	20.0	22.5	108	2	30	71-121	
Trichlorofluoromethane	20.0	15.4	77	4	30	61-140	
Vinyl chloride	20.0	20.2	101	6	30	61-144	
1,2-Dichloroethane	20.0	17.0	85	7	30	75-121	
1,2-Dichlorobenzene	20.0	20.0	100	2	30	79-122	
1,2-Dibromo-3-Chloropropane	20.0	16.6	83	4	30	41-143	

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.: 460-216635-1
 SDG No.: _____
 Lab File ID: P79032.D Lab Sample ID: MB 460-720234/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS13 Date Analyzed: 08/28/2020 11:28
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720234/4	P79027.D	08/28/2020 09:32
TB_20200820	460-216635-5	P79033.D	08/28/2020 11:51
DEC2D1_20200818	460-216635-1	P79034.D	08/28/2020 12:14
DEC2D1_20200818 MS	460-216635-1 MS	P79036.D	08/28/2020 13:01
DEC2D1_20200818 MSD	460-216635-1 MSD	P79037.D	08/28/2020 13:24
EB_20200818	460-216635-2	P79040.D	08/28/2020 14:33
DEC1D1_20200819	460-216635-3	P79042.D	08/28/2020 15:19
DEC1D2_20200820	460-216635-4	P79043.D	08/28/2020 15:42
DEC_GW_DUPE_20200820	460-216635-6	P79044.D	08/28/2020 16:05

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab File ID: P76750.D BFB Injection Date: 07/09/2020
 Instrument ID: CVOAMS13 BFB Injection Time: 03:47
 Analysis Batch No.: 706917

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.1) 1
174	Greater than 50% of mass 95	83.1	
175	5.0 - 9.0 % of mass 174	6.1	(7.4) 1
176	95.0 - 101.0 % of mass 174	81.4	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.4	(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 460-706917/3	P76752.D	07/09/2020	4:40
	STD5 460-706917/5	P76754.D	07/09/2020	5:33
	STD20 460-706917/6	P76755.D	07/09/2020	5:59
	STD50 460-706917/7	P76756.D	07/09/2020	6:26
	STD200 460-706917/8	P76757.D	07/09/2020	6:52
	STD500 460-706917/9	P76758.D	07/09/2020	7:18
	STD1 460-706917/17	P76766.D	07/09/2020	12:29
	ICV 460-706917/19	P76768.D	07/09/2020	13:40

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab File ID: P79024.D BFB Injection Date: 08/28/2020
 Instrument ID: CVOAMS13 BFB Injection Time: 08:24
 Analysis Batch No.: 720234

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.7
75	30.0 - 60.0 % of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.3 (0.4) 1
174	Greater than 50% of mass 95	85.8
175	5.0 - 9.0 % of mass 174	4.7 (5.5) 1
176	95.0 - 101.0 % of mass 174	84.3 (98.3) 1
177	5.0 - 9.0 % of mass 176	5.4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720234/3	P79026.D	08/28/2020	9:09
	LCS 460-720234/4	P79027.D	08/28/2020	9:32
	MB 460-720234/9	P79032.D	08/28/2020	11:28
TB_20200820	460-216635-5	P79033.D	08/28/2020	11:51
DEC2D1_20200818	460-216635-1	P79034.D	08/28/2020	12:14
DEC2D1_20200818 MS	460-216635-1 MS	P79036.D	08/28/2020	13:01
DEC2D1_20200818 MSD	460-216635-1 MSD	P79037.D	08/28/2020	13:24
EB_20200818	460-216635-2	P79040.D	08/28/2020	14:33
DEC1D1_20200819	460-216635-3	P79042.D	08/28/2020	15:19
DEC1D2_20200820	460-216635-4	P79043.D	08/28/2020	15:42
DEC_GW_DUPE_20200820	460-216635-6	P79044.D	08/28/2020	16:05

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	241100	1.87	254900	2.85	595897	3.40
UPPER LIMIT	482200	2.37	509800	3.35	1191794	3.90
LOWER LIMIT	120550	1.37	127450	2.35	297949	2.90
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-706917/19	216247	1.87	234175	2.85	623023	3.40

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.: 460-216635-1
 SDG No.: _____
 Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	23586	4.25	422008	6.74	238228	10.24
UPPER LIMIT	47172	4.75	844016	7.24	476456	10.74
LOWER LIMIT	11793	3.75	211004	6.24	119114	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-706917/19	21036	4.25	426390	6.74	236306	10.24

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Sample No.: CCVIS 460-720234/3 Date Analyzed: 08/28/2020 09:09
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P79026.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	157314	1.86	218217	2.83	626036	3.39	
UPPER LIMIT	314628	2.36	436434	3.33	1252072	3.89	
LOWER LIMIT	78657	1.36	109109	2.33	313018	2.89	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720234/4		157811	1.86	212628	2.83	611427	3.39
MB 460-720234/9		155140	1.86	201243	2.83	611944	3.39
460-216635-5	TB_20200820	155283	1.86	205849	2.83	608017	3.39
460-216635-1	DEC2D1_20200818	133378	1.86	175723	2.83	560225	3.39
460-216635-1 MS	DEC2D1_20200818 MS	139638	1.86	194784	2.83	613304	3.39
460-216635-1 MSD	DEC2D1_20200818 MSD	141154	1.86	198931	2.83	604297	3.39
460-216635-2	EB_20200818	127554	1.86	165685	2.83	546484	3.39
460-216635-3	DEC1D1_20200819	136083	1.86	183600	2.83	598352	3.39
460-216635-4	DEC1D2_20200820	129037	1.86	172514	2.83	576978	3.39
460-216635-6	DEC_GW_DUPE_20200820	122138	1.86	168118	2.83	574740	3.39

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.: 460-216635-1
 SDG No.: _____
 Sample No.: CCVIS 460-720234/3 Date Analyzed: 08/28/2020 09:09
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P79026.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	22286	4.25	451799	6.72	262989	10.23	
UPPER LIMIT	44572	4.75	903598	7.22	525978	10.73	
LOWER LIMIT	11143	3.75	225900	6.22	131495	9.73	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-720234/4	21910	4.25	444916	6.72	264843	10.23	
MB 460-720234/9	20601	4.25	434774	6.72	247586	10.23	
460-216635-5	TB_20200820	19566	4.25	439073	6.72	248593	10.23
460-216635-1	DEC2D1_20200818	18452	4.25	403808	6.72	230411	10.23
460-216635-1 MS	DEC2D1_20200818 MS	20430	4.24	445924	6.72	265030	10.23
460-216635-1 MSD	DEC2D1_20200818 MSD	20492	4.25	436429	6.72	259128	10.23
460-216635-2	EB_20200818	17141	4.25	389317	6.72	223089	10.23
460-216635-3	DEC1D1_20200819	16566	4.25	437447	6.72	249427	10.23
460-216635-4	DEC1D2_20200820	17852	4.25	423422	6.72	241783	10.23
460-216635-6	DEC_GW_DUPE_20200820	17019	4.25	421817	6.72	242921	10.23

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 Lab Sample ID: 460-216635-1
 Matrix: Water Lab File ID: P79034.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 12:14
 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.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 Lab Sample ID: 460-216635-1
 Matrix: Water Lab File ID: P79034.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 12:14
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.85	J	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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	110		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 Lab Sample ID: 460-216635-1
 Matrix: Water Lab File ID: P79034.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 12:14
 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.: 720234 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\CVOAMS13\20200828-115916.b\1P79034.D
 Lims ID: 460-216635-B-1
 Client ID: DEC2D1_20200818
 Sample Type: Client
 Inject. Date: 28-Aug-2020 12:14:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-1
 Misc. Info.: 460-0115916-011
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:56:31 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 18:46:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	133378	1000.0	
50 Tetrahydrofuran	42	2.762	2.755	0.007	30	1708	2.32	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	134687	51.4	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	175723	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	135387	43.1	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	560225	50.0	
69 Trichloroethene	130	3.543	3.536	0.007	92	2551	0.8521	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	18452	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	100	536703	54.8	
83 Toluene	91	4.940	4.940	0.000	79	3248	0.2583	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	403808	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	95	170764	52.9	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	230411	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURRE250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79034.D

Injection Date: 28-Aug-2020 12:14:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-1

Lab Sample ID: 460-216635-1

Worklist Smp#: 11

Client ID: DEC2D1_20200818

Purge Vol: 5.000 mL

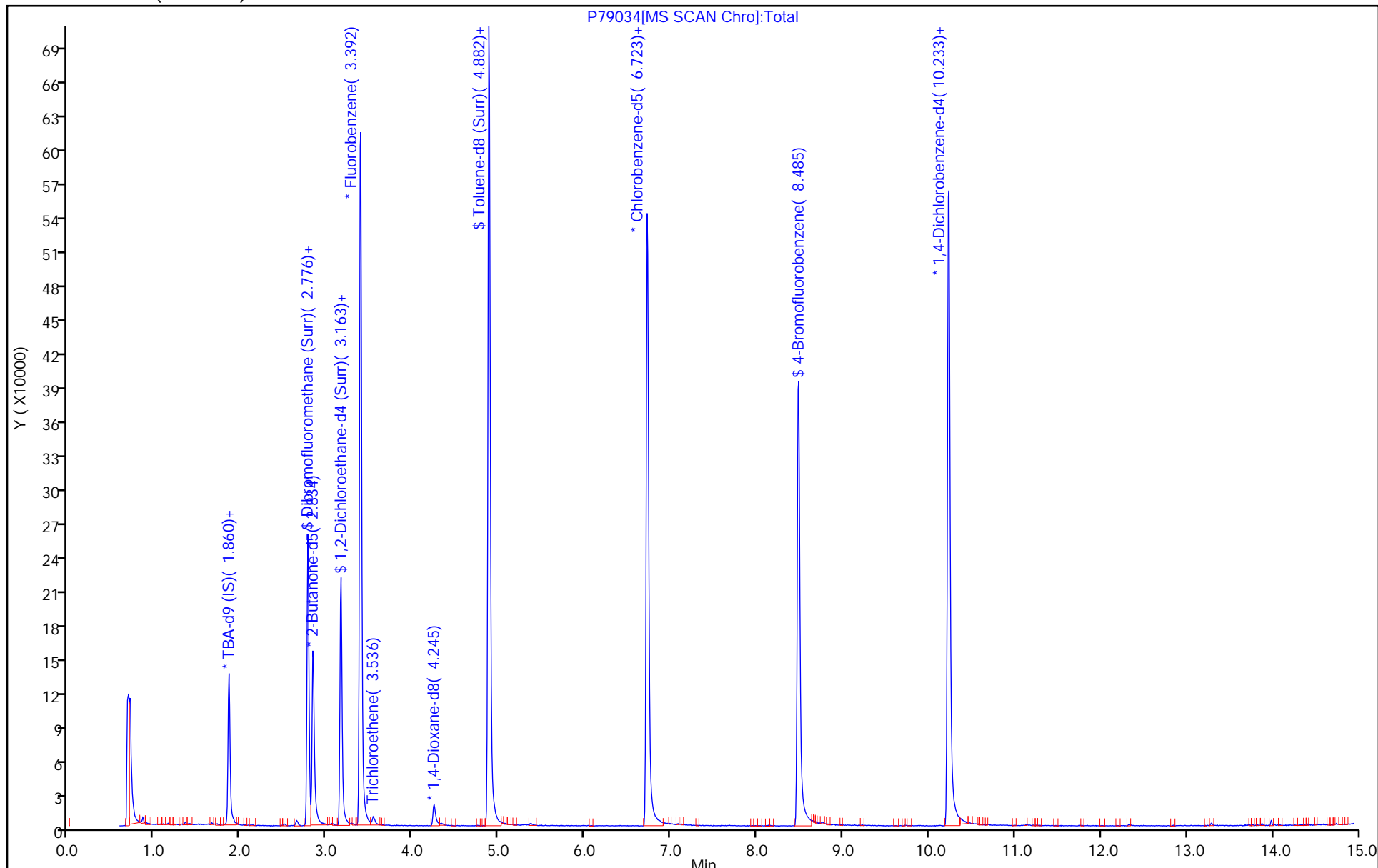
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79034.D

Injection Date: 28-Aug-2020 12:14:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-1

Lab Sample ID: 460-216635-1

Client ID: DEC2D1_20200818

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

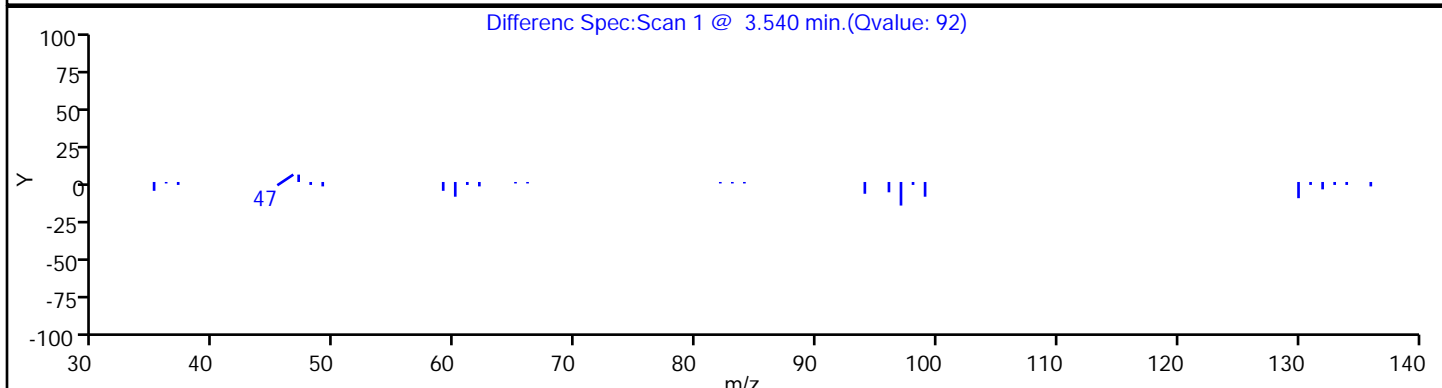
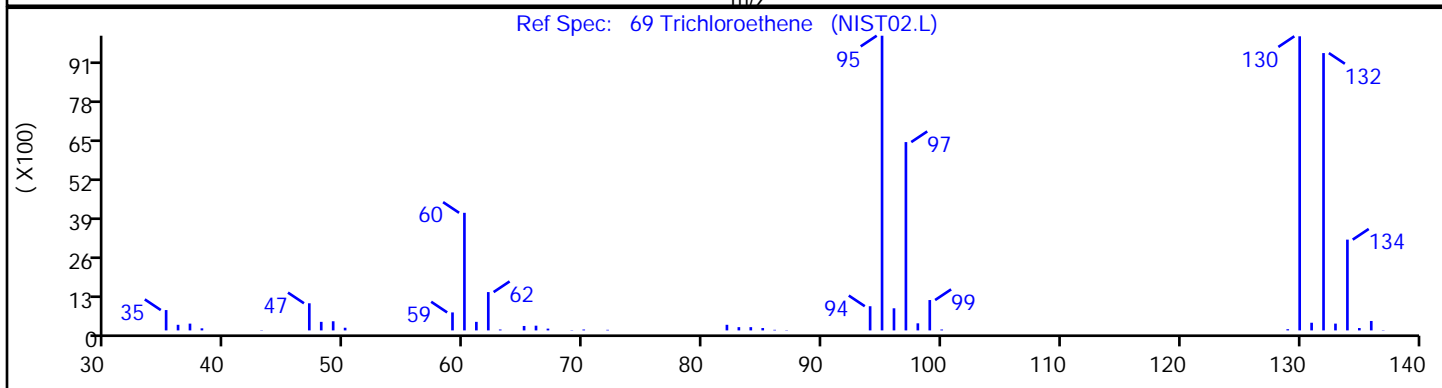
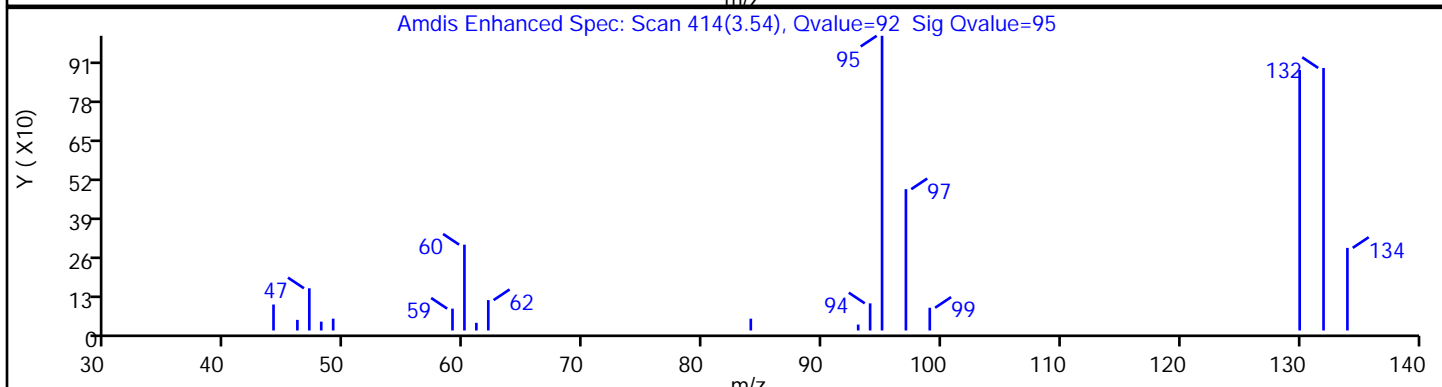
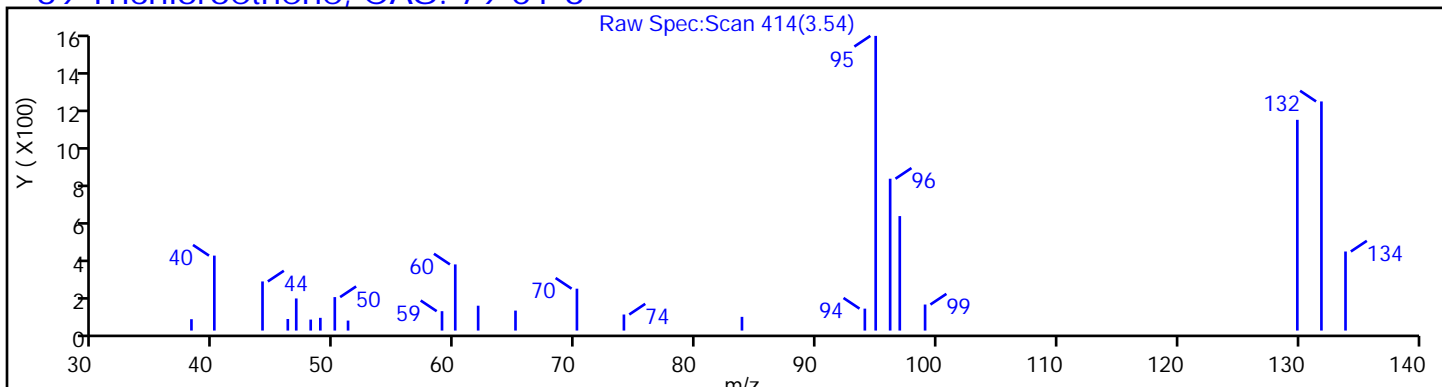
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

69 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79034.D

Injection Date: 28-Aug-2020 12:14:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-1

Lab Sample ID: 460-216635-1

Client ID: DEC2D1_20200818

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

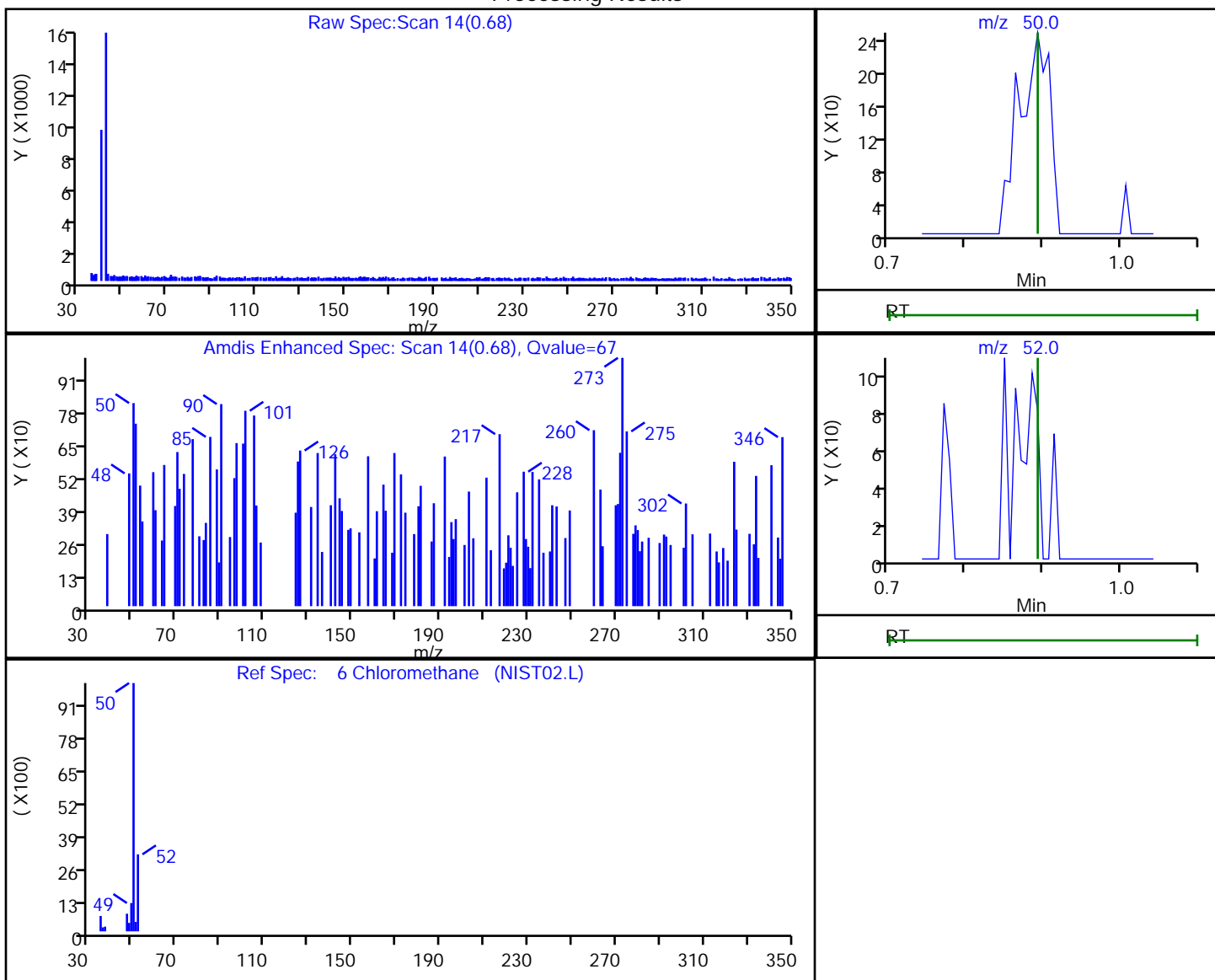
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.68	50.00	831	0.146001
0.67	52.00	126	

Reviewer: moroneyc, 28-Aug-2020 11:45:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79034.D

Injection Date: 28-Aug-2020 12:14:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-1

Lab Sample ID: 460-216635-1

Client ID: DEC2D1_20200818

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

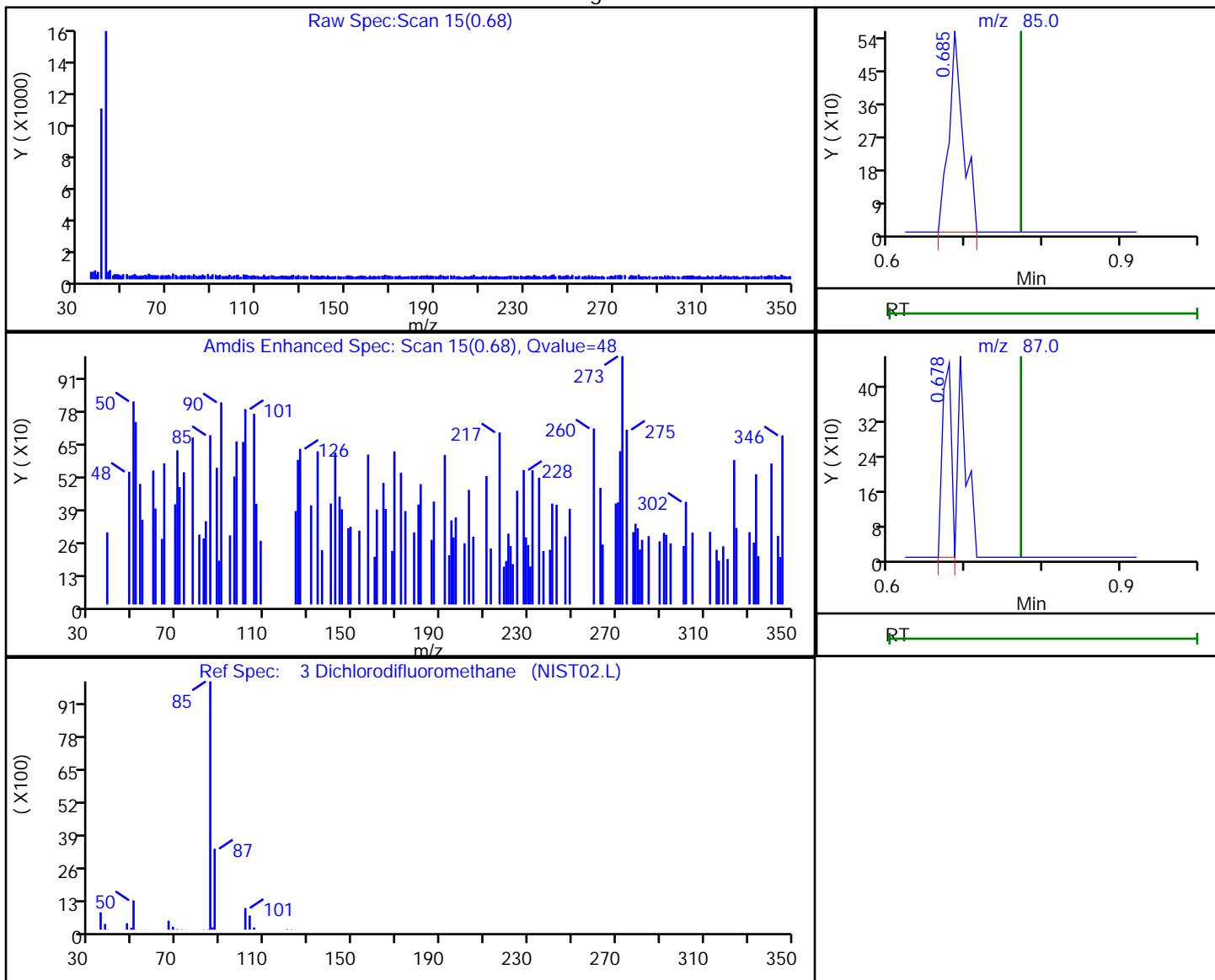
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.68	85.00	715	0.157842
0.68	87.00	357	

Reviewer: moroneyc, 28-Aug-2020 11:45:00

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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: EB_20200818 Lab Sample ID: 460-216635-2
 Matrix: Water Lab File ID: P79040.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	6.3		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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	0.53	J	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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: EB_20200818 Lab Sample ID: 460-216635-2
 Matrix: Water Lab File ID: P79040.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		75-123
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	113		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: EB_20200818 Lab Sample ID: 460-216635-2
 Matrix: Water Lab File ID: P79040.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\1P79040.D
 Lims ID: 460-216635-B-2
 Client ID: EB_20200818
 Sample Type: Client
 Inject. Date: 28-Aug-2020 14:33:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-2
 Misc. Info.: 460-0115916-017
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:59:49 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg Date: 28-Aug-2020 18:48:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	0.892	0.893	-0.001	97	2949	0.5311	
28 Acetone	43	1.716	1.716	0.000	86	3708	6.30	
* 33 TBA-d9 (IS)	65	1.859	1.860	-0.001	100	127554	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	97	132114	51.7	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	165685	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	132632	43.3	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	546484	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	17141	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	531932	56.3	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	389317	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	92	165178	53.0	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	223089	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79040.D

Injection Date: 28-Aug-2020 14:33:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-2

Lab Sample ID: 460-216635-2

Worklist Smp#: 17

Client ID: EB_20200818

Purge Vol: 5.000 mL

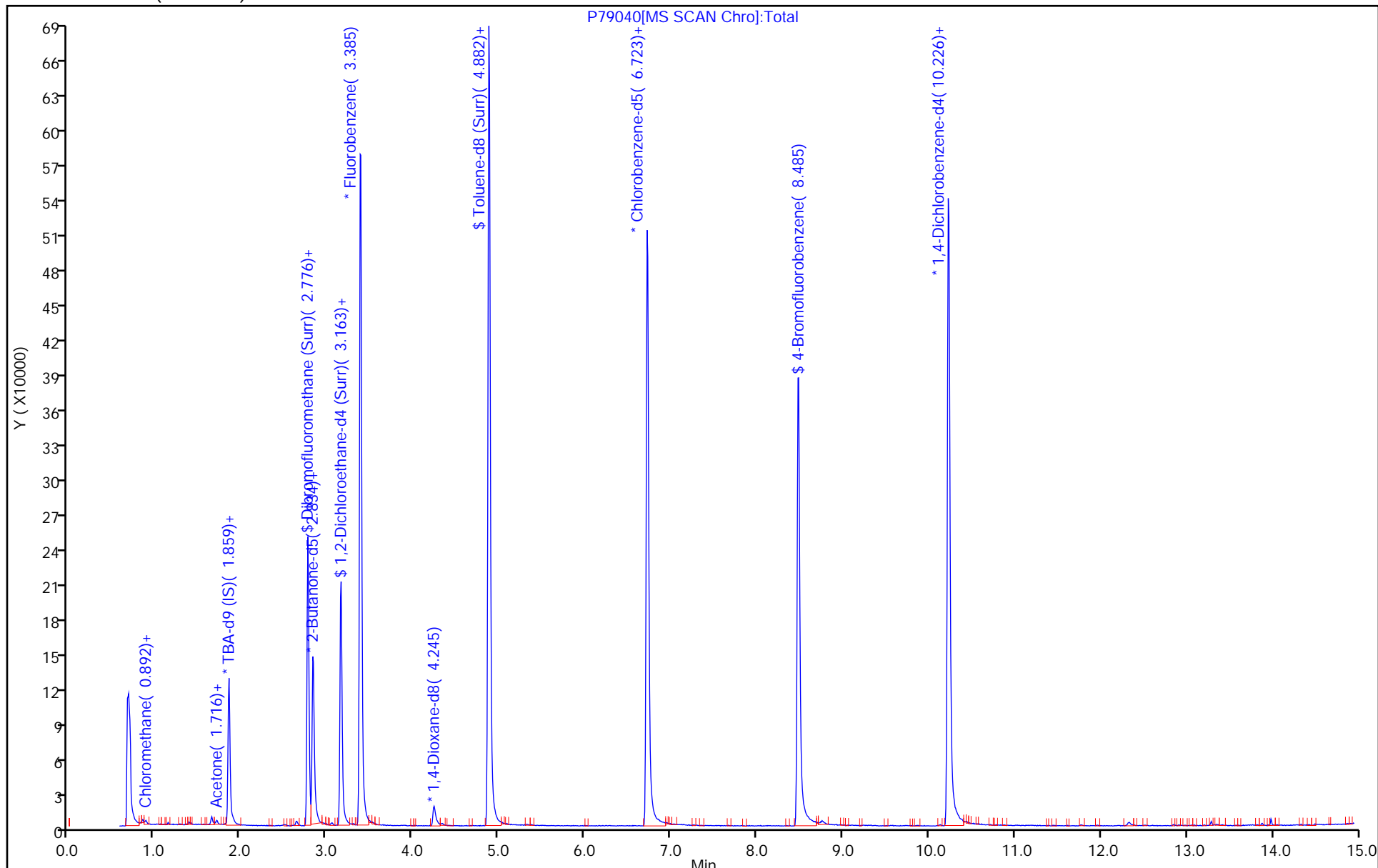
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79040.D

Injection Date: 28-Aug-2020 14:33:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-2

Lab Sample ID: 460-216635-2

Client ID: EB_20200818

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

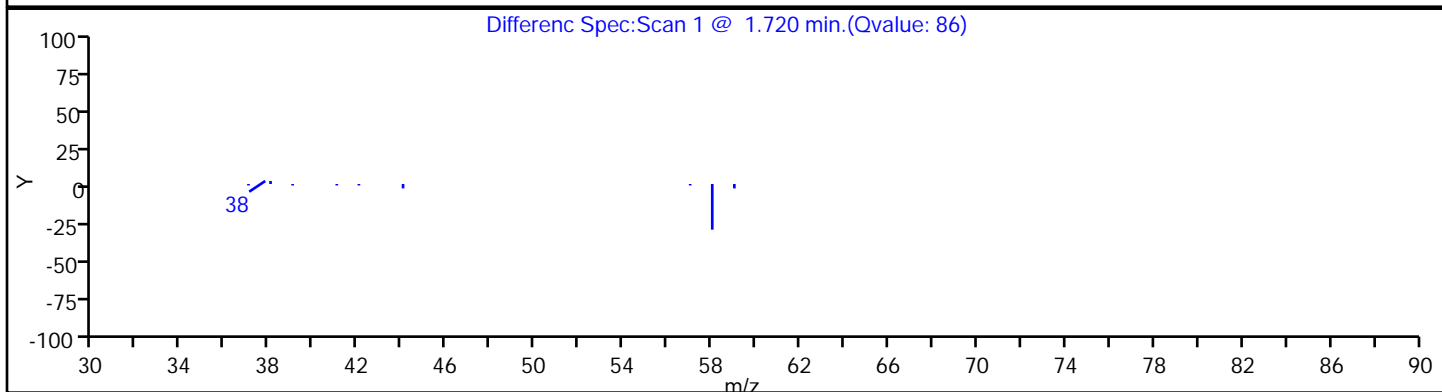
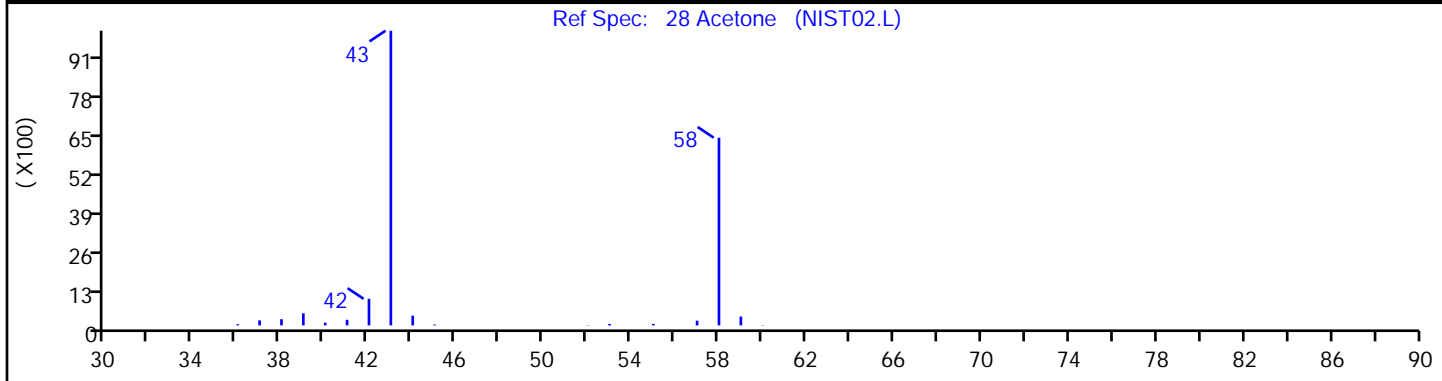
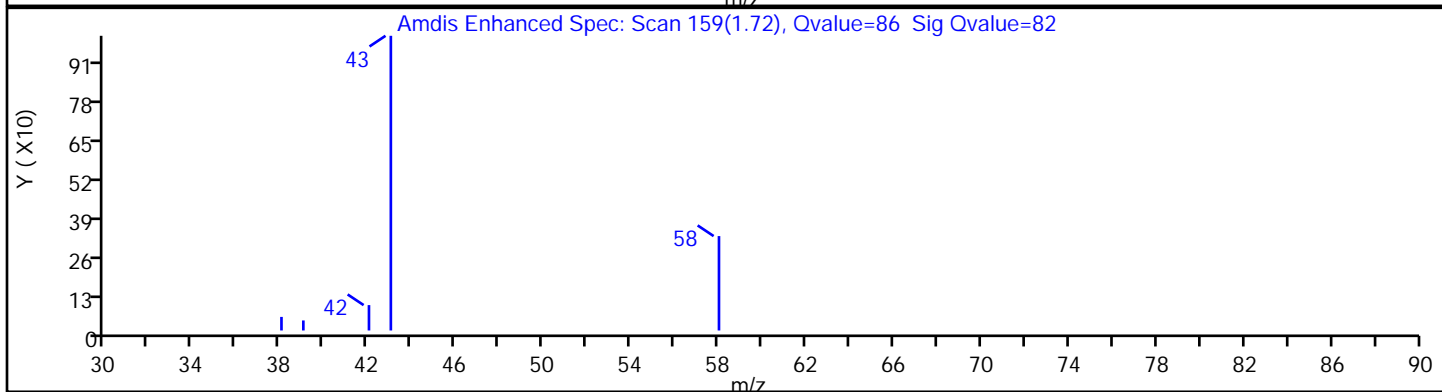
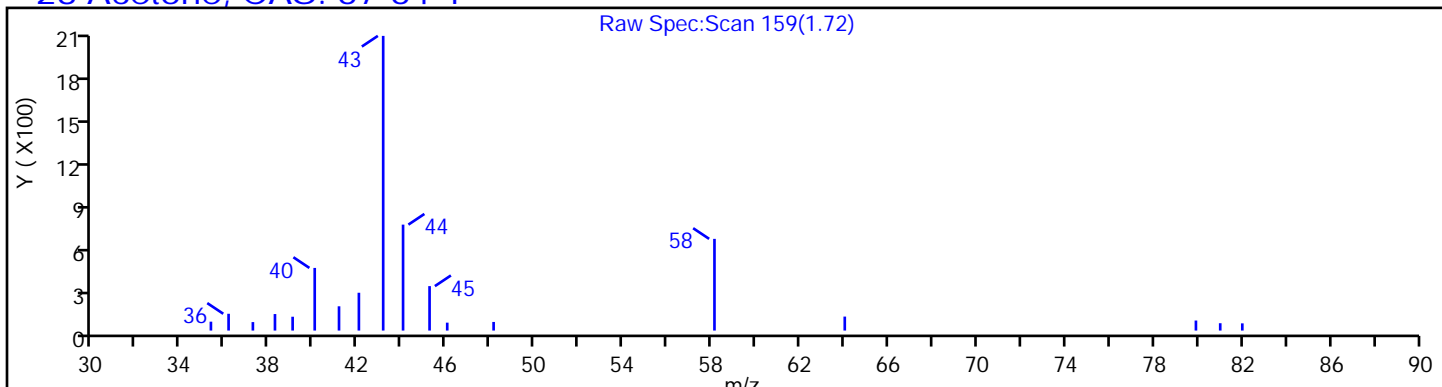
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79040.D

Injection Date: 28-Aug-2020 14:33:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-2

Lab Sample ID: 460-216635-2

Client ID: EB_20200818

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

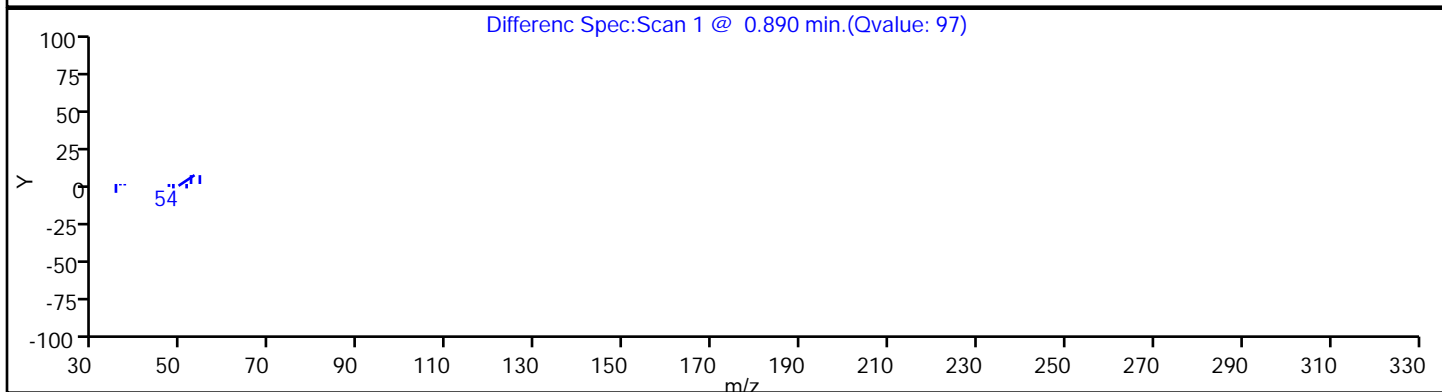
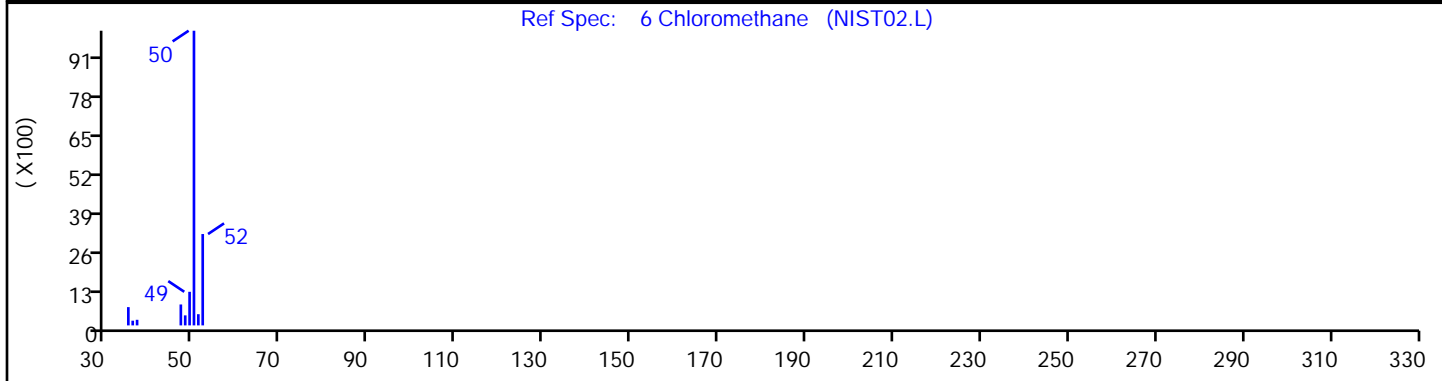
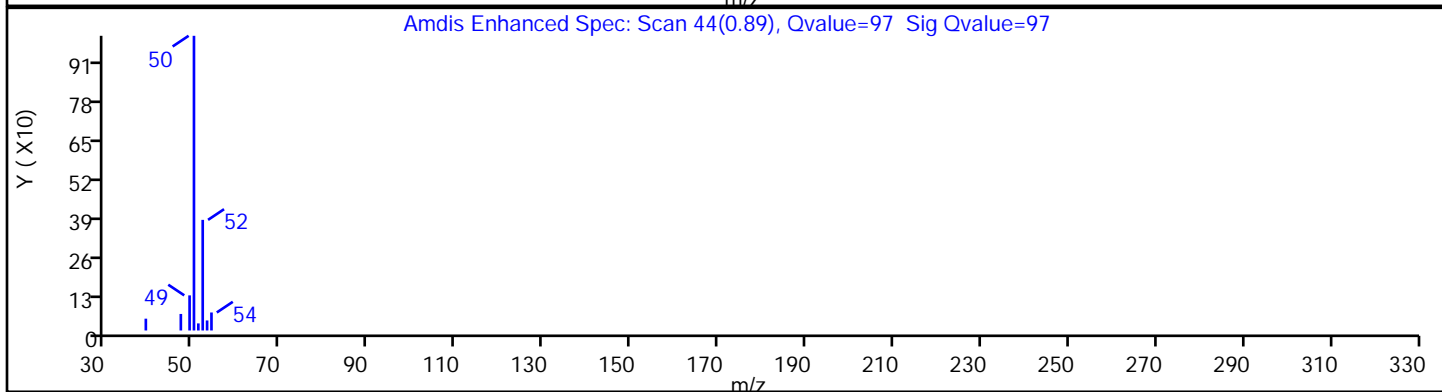
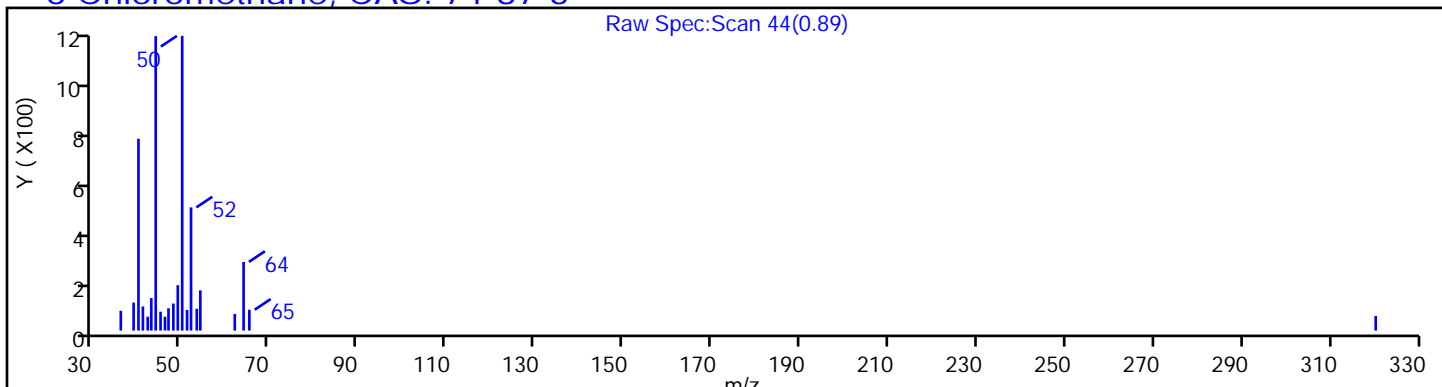
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179040.D

Injection Date: 28-Aug-2020 14:33:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-2

Lab Sample ID: 460-216635-2

Client ID: EB_20200818

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

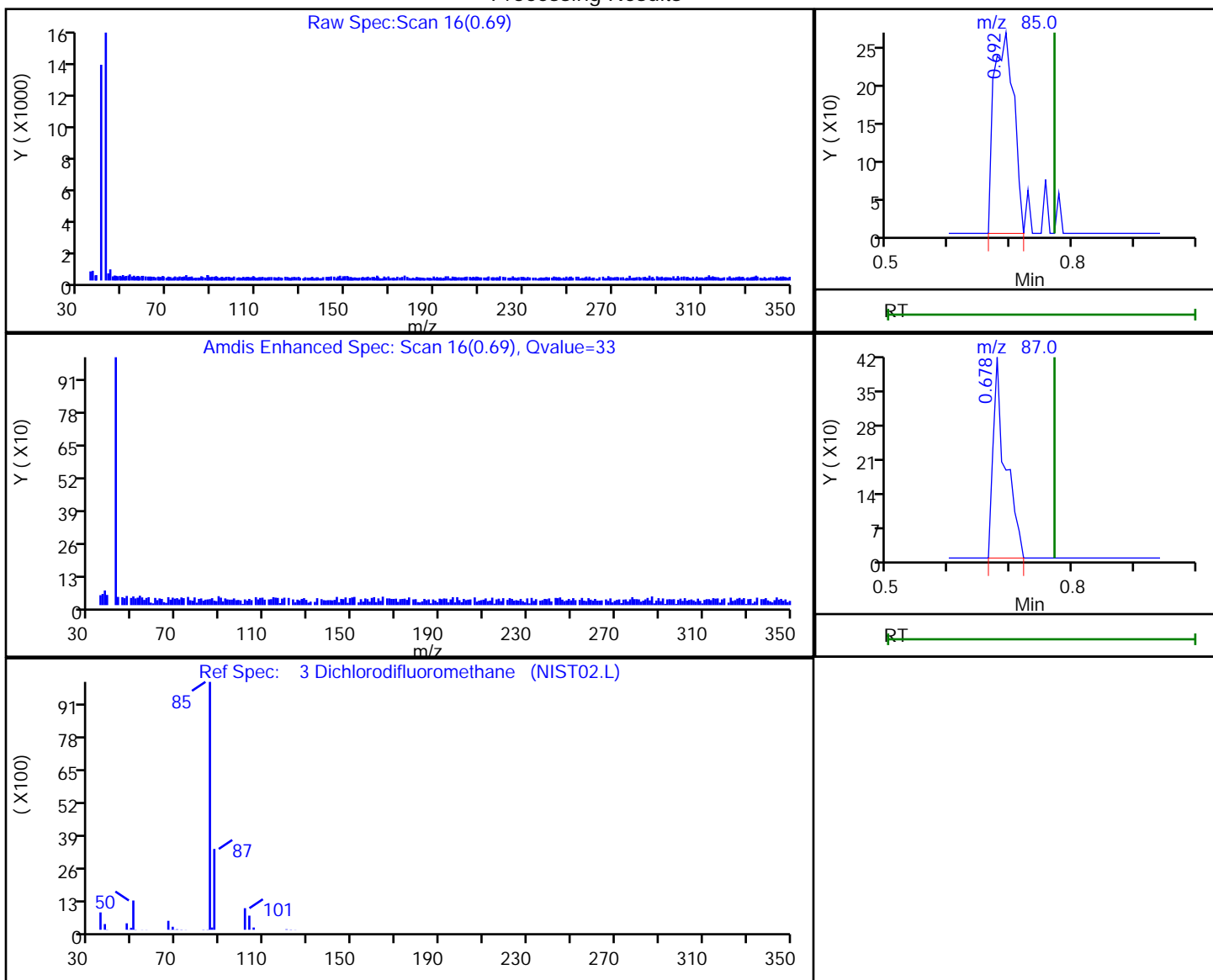
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.69	85.00	593	0.134201
0.68	87.00	576	

Reviewer: xuyvo, 29-Aug-2020 12:59:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\79040.D

Injection Date: 28-Aug-2020 14:33:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-2

Lab Sample ID: 460-216635-2

Client ID: EB_20200818

Operator ID:

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

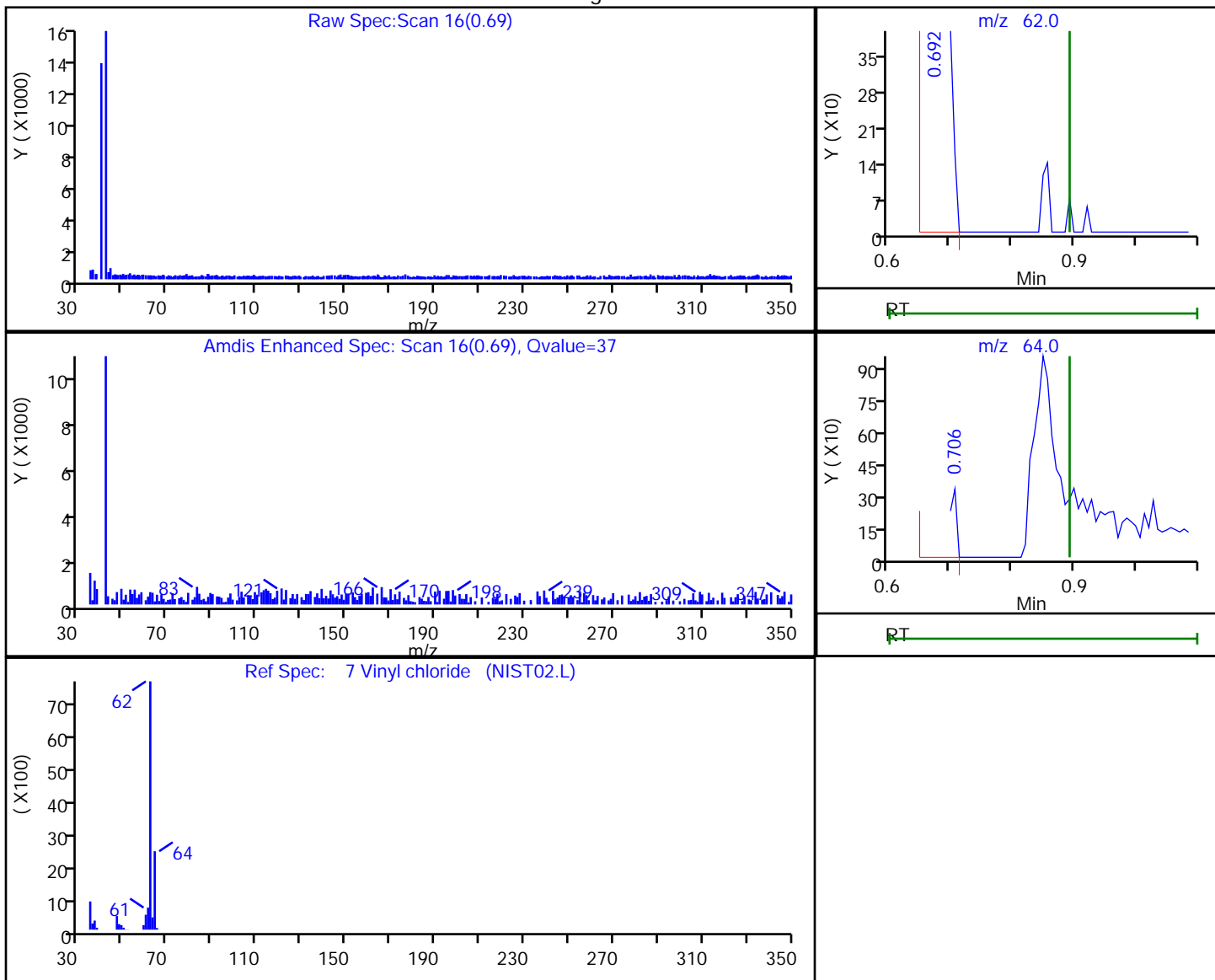
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.69	62.00	773	0.186060
0.71	64.00	629	

Reviewer: xuyvo, 29-Aug-2020 12:59:37

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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D1_20200819 Lab Sample ID: 460-216635-3
 Matrix: Water Lab File ID: P79042.D
 Analysis Method: 8260C Date Collected: 08/19/2020 13:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D1_20200819 Lab Sample ID: 460-216635-3
 Matrix: Water Lab File ID: P79042.D
 Analysis Method: 8260C Date Collected: 08/19/2020 13:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	1.2		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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D1_20200819 Lab Sample ID: 460-216635-3
 Matrix: Water Lab File ID: P79042.D
 Analysis Method: 8260C Date Collected: 08/19/2020 13:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\IP79042.D
 Lims ID: 460-216635-B-3
 Client ID: DEC1D1_20200819
 Sample Type: Client
 Inject. Date: 28-Aug-2020 15:19:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-3
 Misc. Info.: 460-0115916-019
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:00:39 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: xuyvo Date: 29-Aug-2020 13:00:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	0.893	0.893	0.000	94	1285	0.2114	M
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	136083	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	134663	48.2	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	183600	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	135453	40.4	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	598352	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	16566	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.883	4.882	0.001	99	546406	51.5	
83 Toluene	91	4.940	4.940	0.000	93	15924	1.17	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	437447	50.0	
\$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	95	169871	48.5	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	249427	50.0	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79042.D

Injection Date: 28-Aug-2020 15:19:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-3

Lab Sample ID: 460-216635-3

Worklist Smp#: 19

Client ID: DEC1D1_20200819

Purge Vol: 5.000 mL

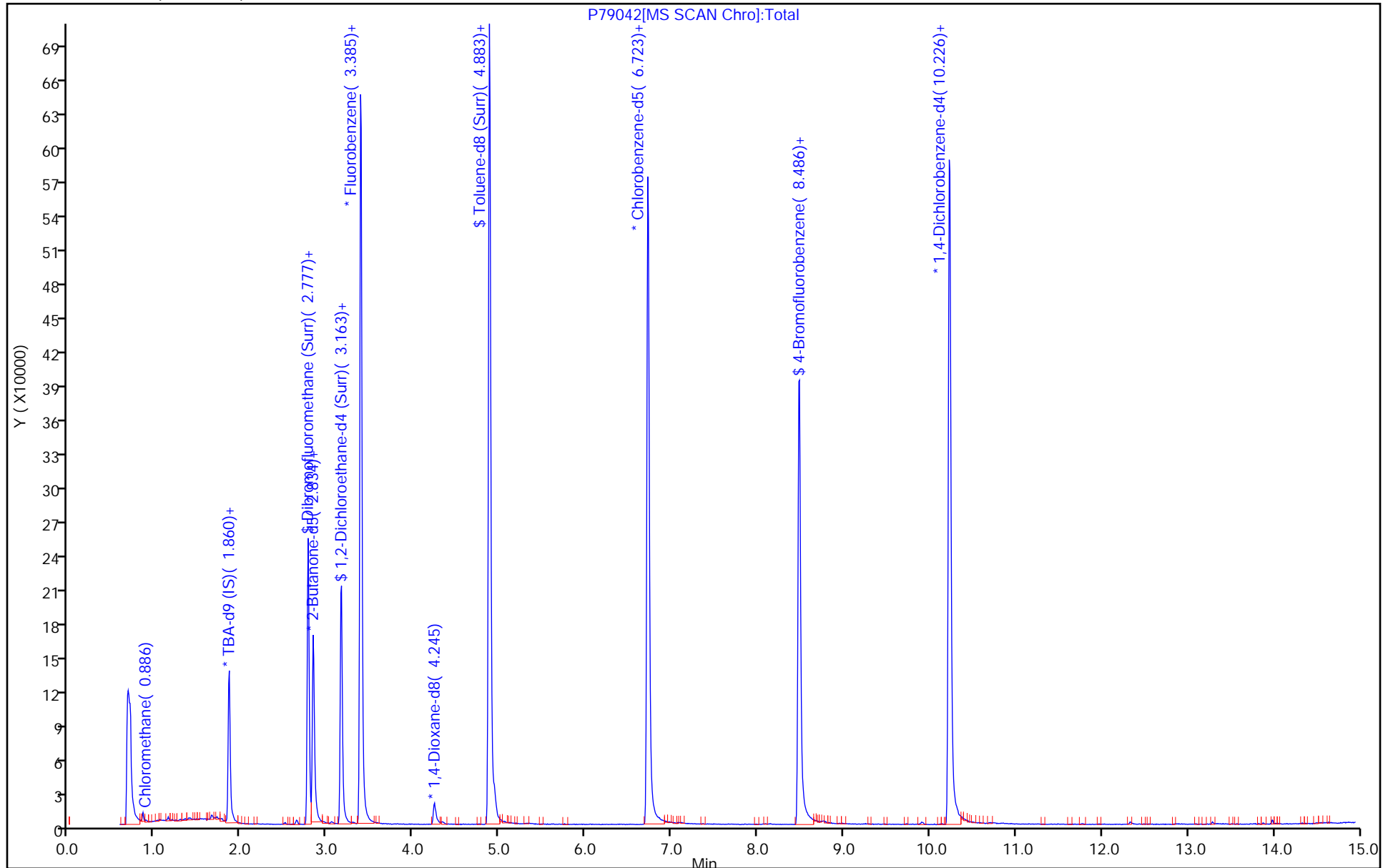
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79042.D

Injection Date: 28-Aug-2020 15:19:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-3

Lab Sample ID: 460-216635-3

Client ID: DEC1D1_20200819

Operator ID:

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

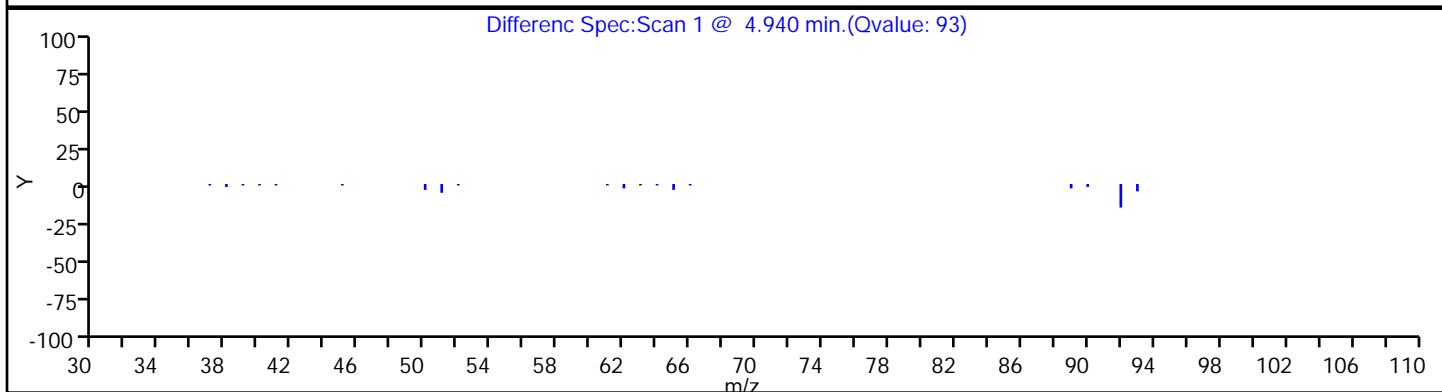
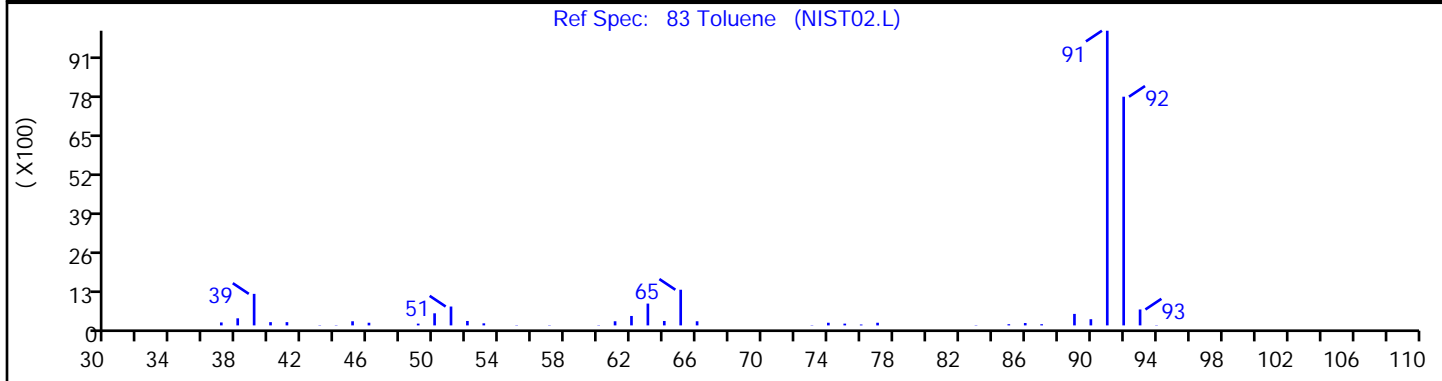
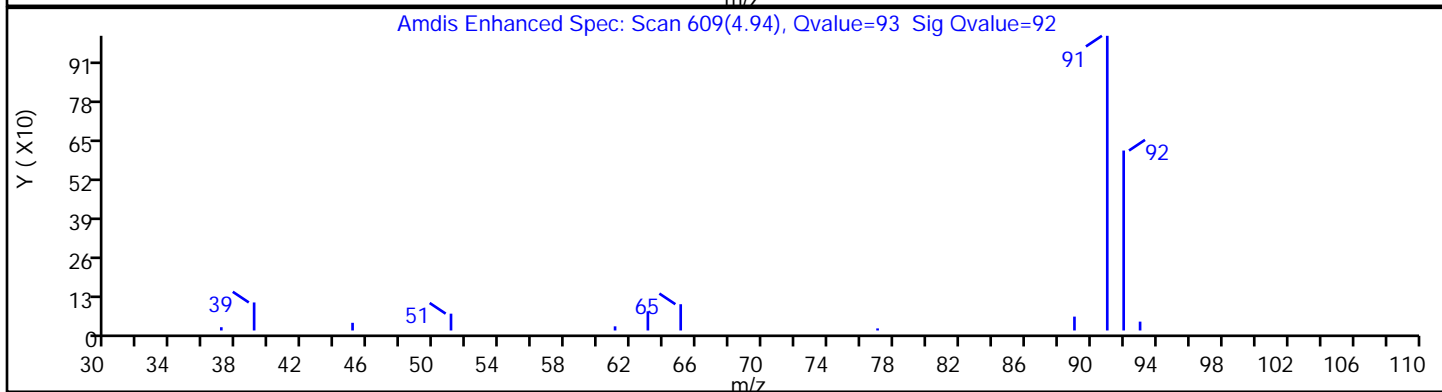
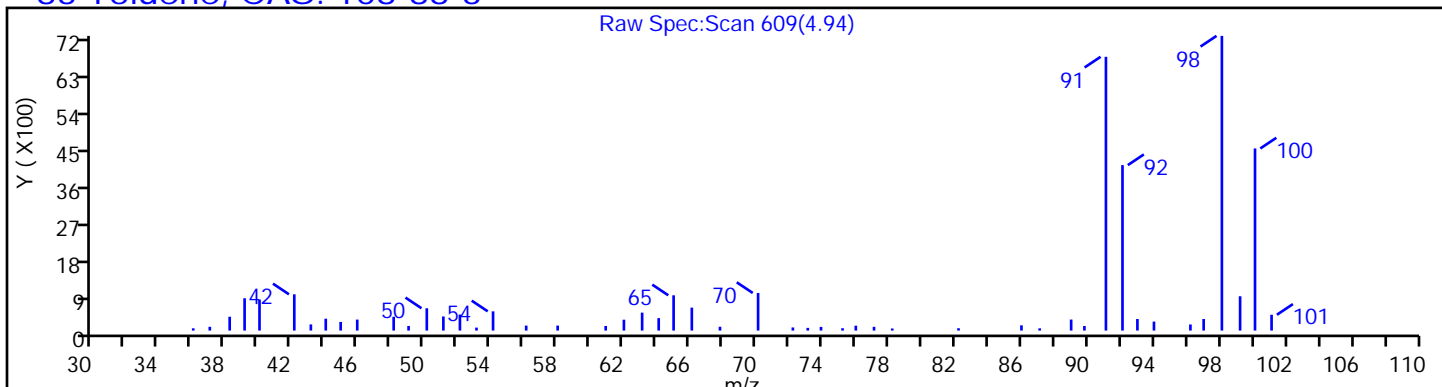
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

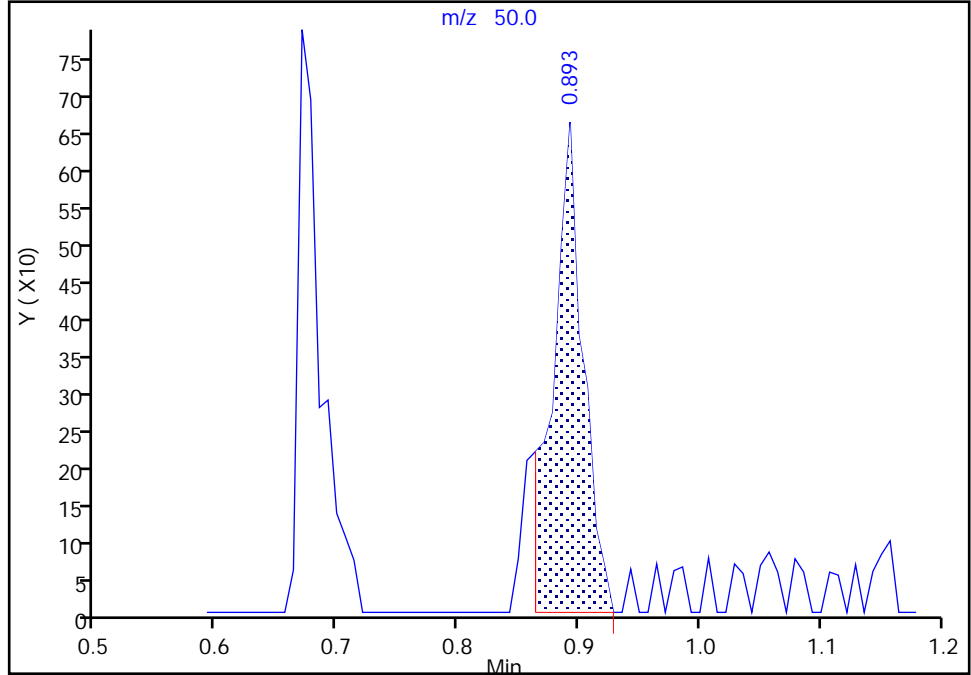
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\79042.D
Injection Date: 28-Aug-2020 15:19:30 Instrument ID: CVOAMS13
Lims ID: 460-216635-B-3 Lab Sample ID: 460-216635-3
Client ID: DEC1D1_20200819
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 1

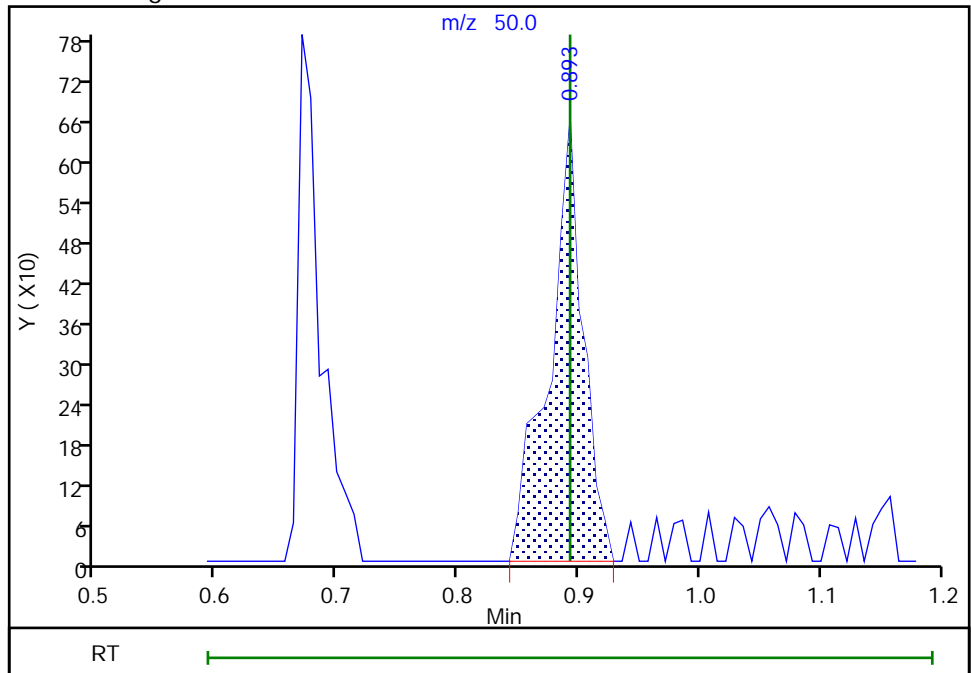
RT: 0.89
Area: 1167
Amount: 0.191969
Amount Units: ug/l

Processing Integration Results



RT: 0.89
Area: 1285
Amount: 0.211380
Amount Units: ug/l

Manual Integration Results



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D2_20200820 Lab Sample ID: 460-216635-4
 Matrix: Water Lab File ID: P79043.D
 Analysis Method: 8260C Date Collected: 08/20/2020 09:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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	0.59	J	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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D2_20200820 Lab Sample ID: 460-216635-4
 Matrix: Water Lab File ID: P79043.D
 Analysis Method: 8260C Date Collected: 08/20/2020 09:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.48	J	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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D2_20200820 Lab Sample ID: 460-216635-4
 Matrix: Water Lab File ID: P79043.D
 Analysis Method: 8260C Date Collected: 08/20/2020 09:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 15:42
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\P79043.D
 Lims ID: 460-216635-B-4
 Client ID: DEC1D2_20200820
 Sample Type: Client
 Inject. Date: 28-Aug-2020 15:42:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-4
 Misc. Info.: 460-0115916-020
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:01:01 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 18:54:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	0.885	0.893	-0.008	99	3443	0.5873	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	129037	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	132011	49.0	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	172514	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	132112	40.8	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	576978	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	17852	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	519509	50.6	
83 Toluene	91	4.940	4.940	0.000	92	6283	0.4765	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	423422	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	93	168075	49.6	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	241783	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79043.D

Injection Date: 28-Aug-2020 15:42:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-4

Lab Sample ID: 460-216635-4

Worklist Smp#: 20

Client ID: DEC1D2_20200820

Purge Vol: 5.000 mL

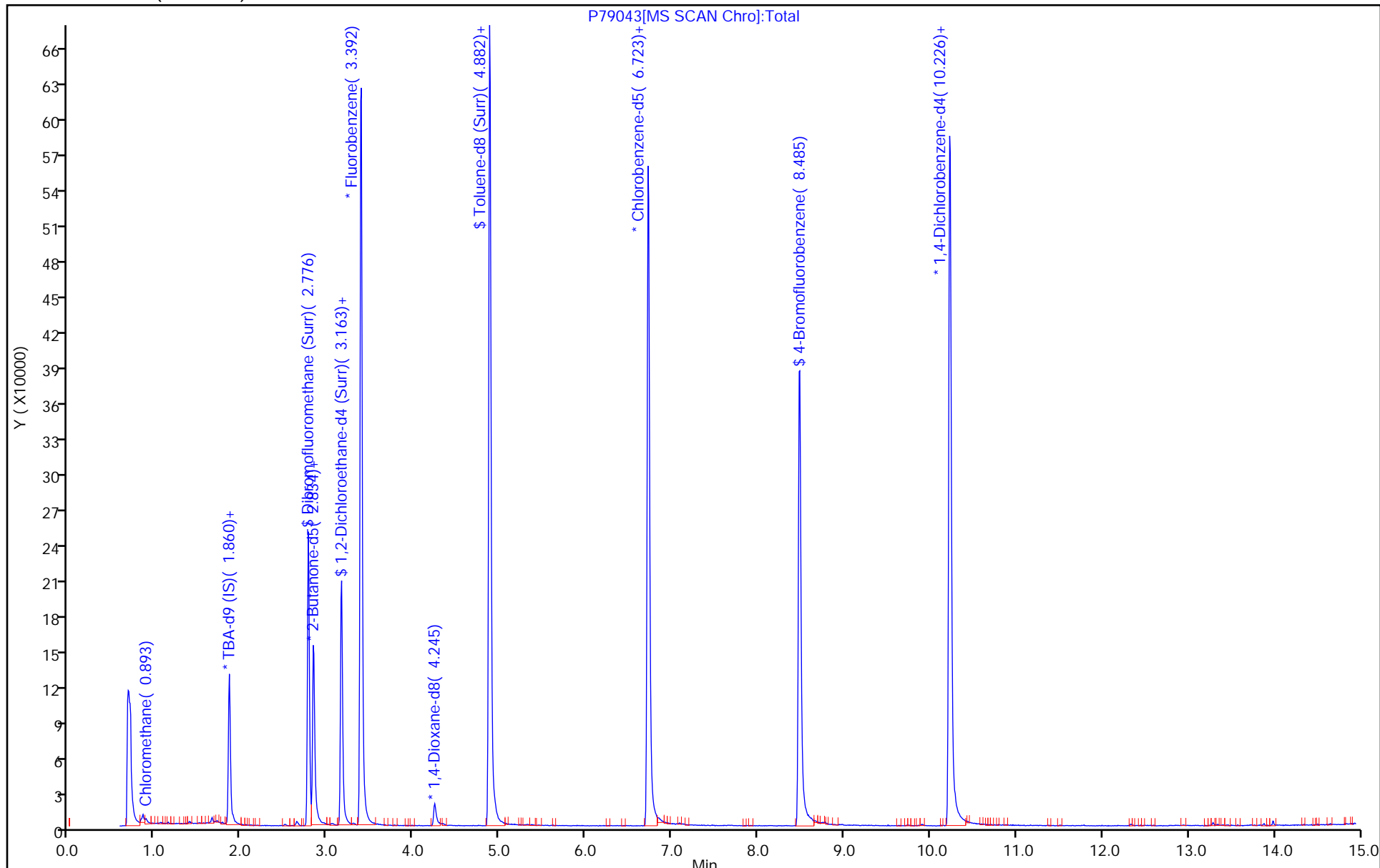
Dil. Factor: 1.0000

ALS Bottle#: 19

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79043.D

Injection Date: 28-Aug-2020 15:42:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-4

Lab Sample ID: 460-216635-4

Client ID: DEC1D2_20200820

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

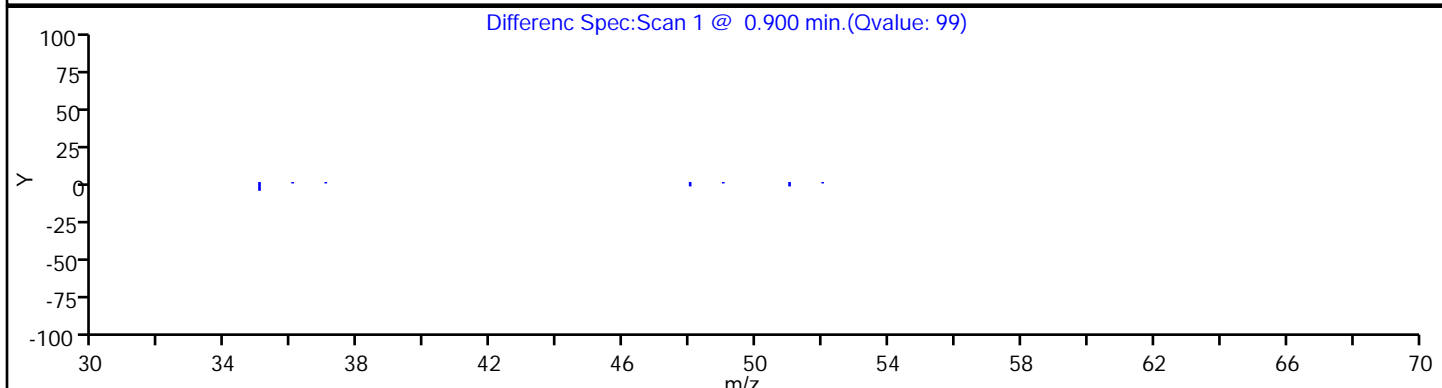
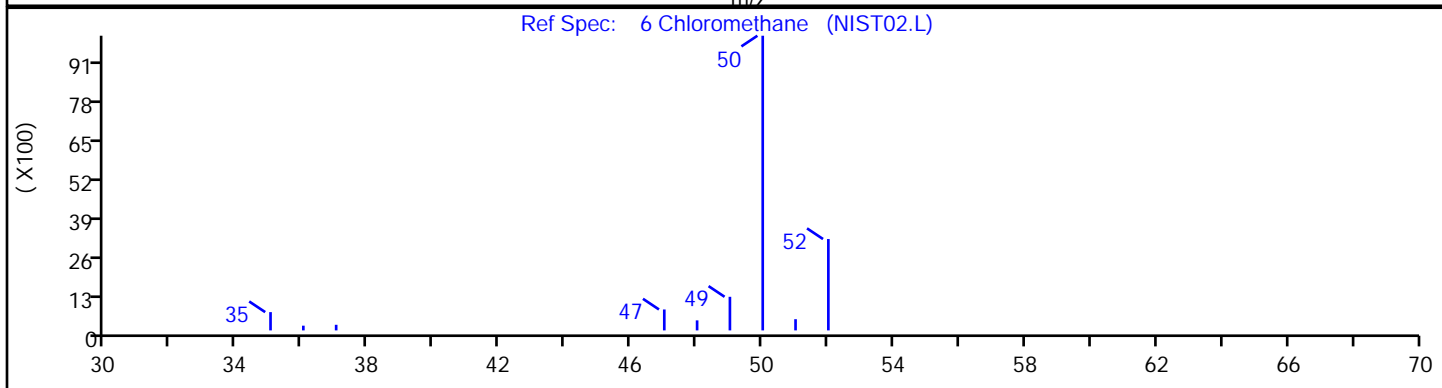
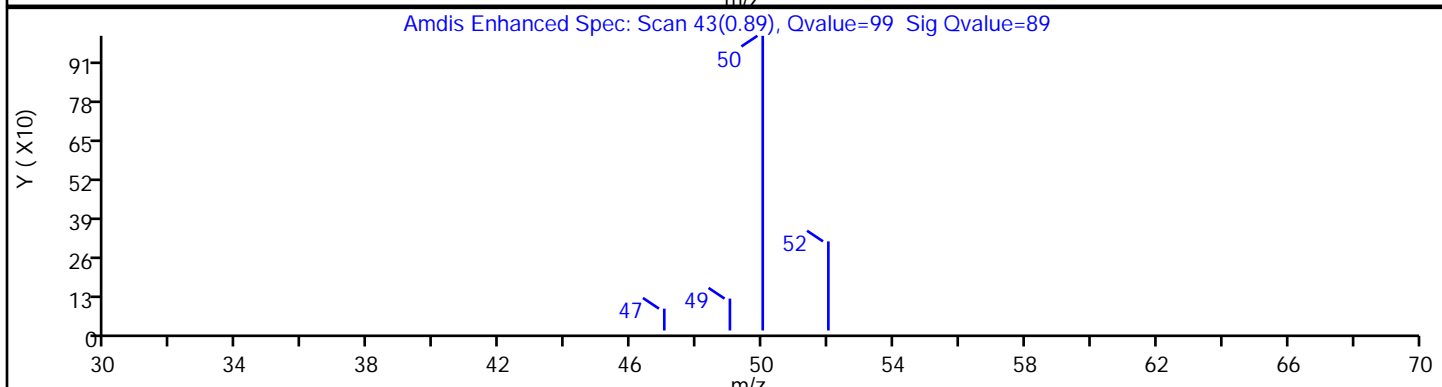
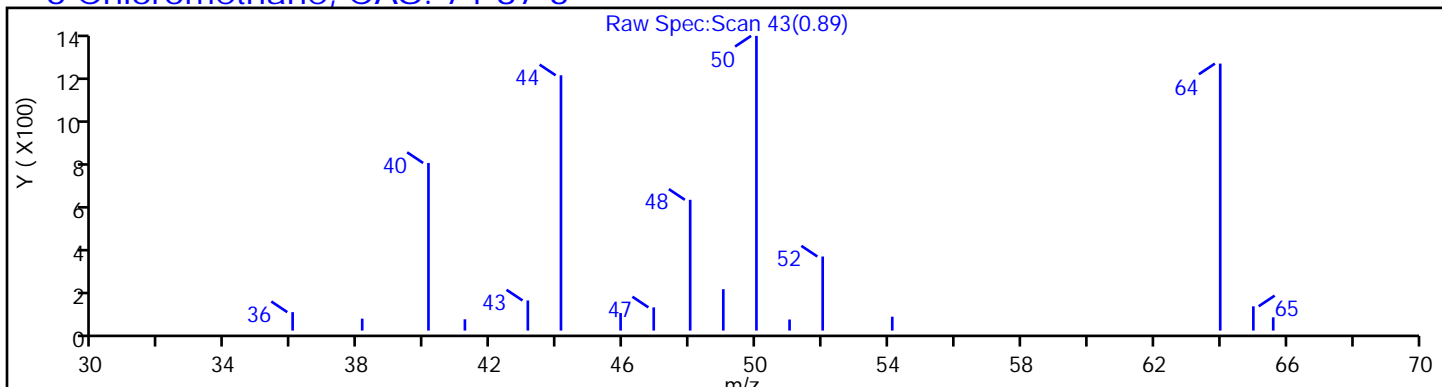
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79043.D

Injection Date: 28-Aug-2020 15:42:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-4

Lab Sample ID: 460-216635-4

Client ID: DEC1D2_20200820

Operator ID:

ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

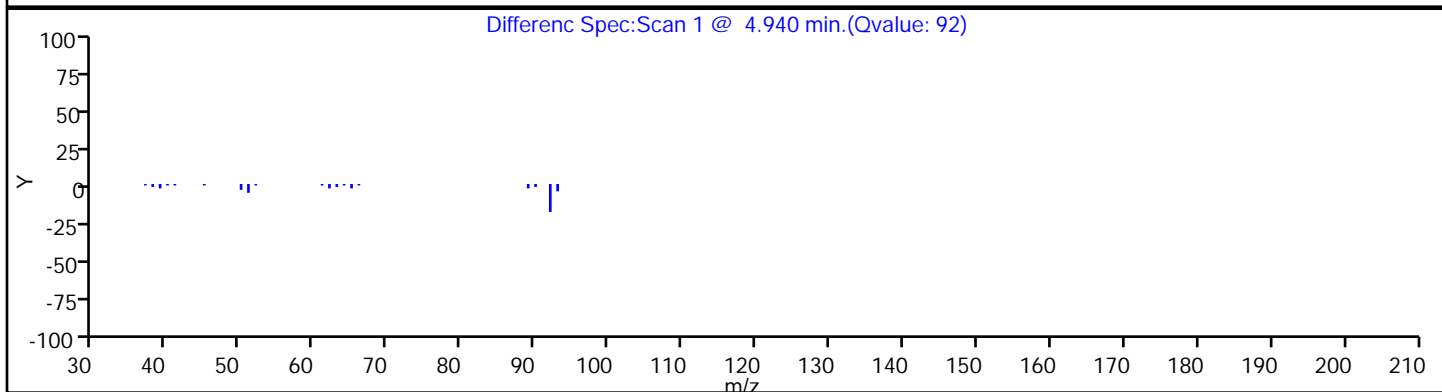
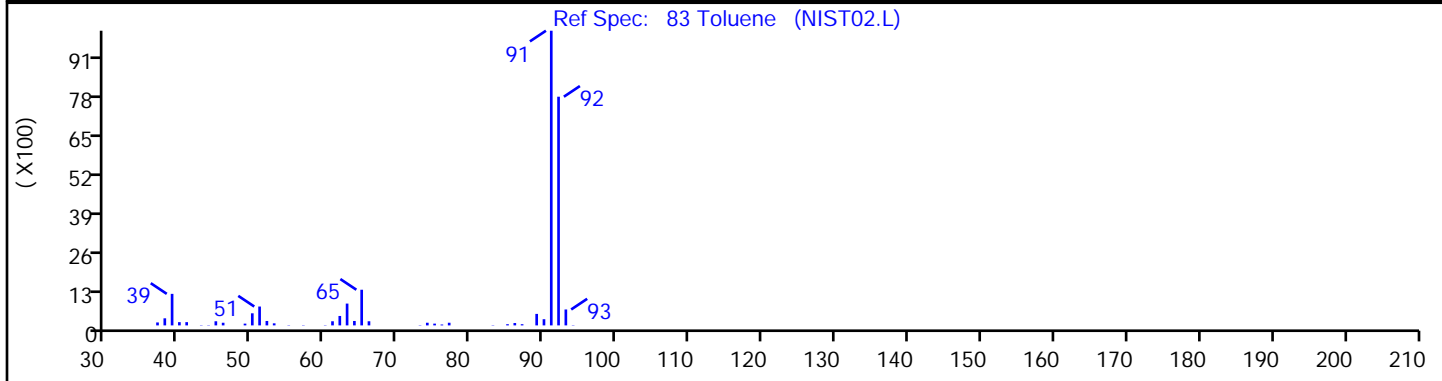
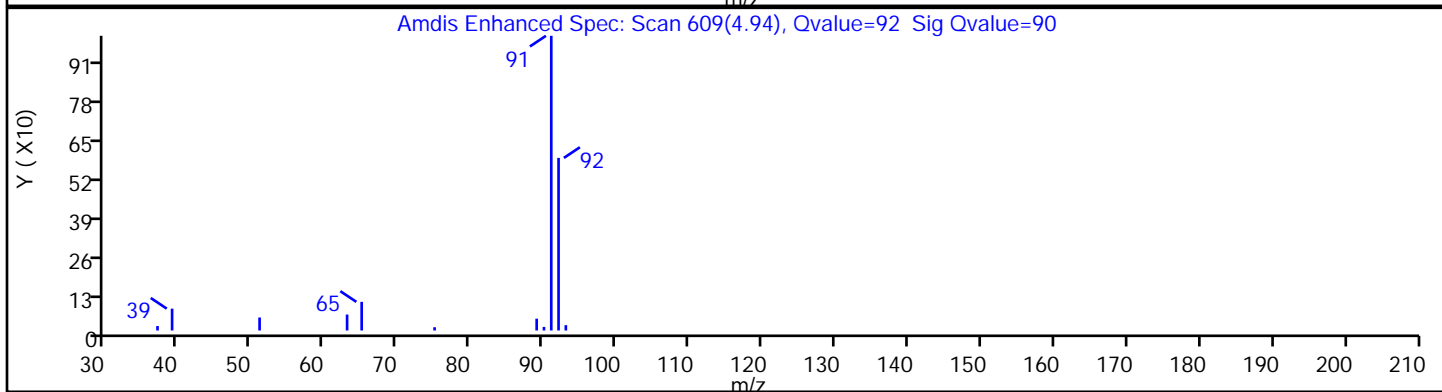
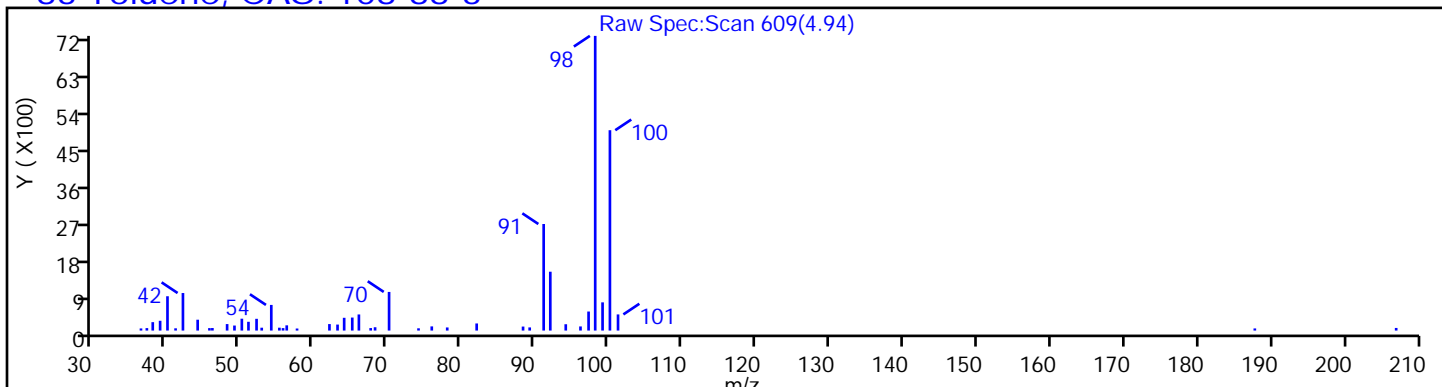
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79043.D

Injection Date: 28-Aug-2020 15:42:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-4

Lab Sample ID: 460-216635-4

Client ID: DEC1D2_20200820

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

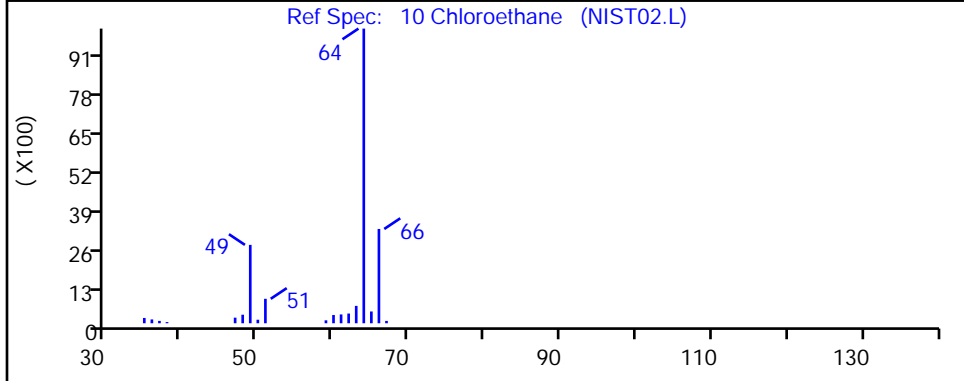
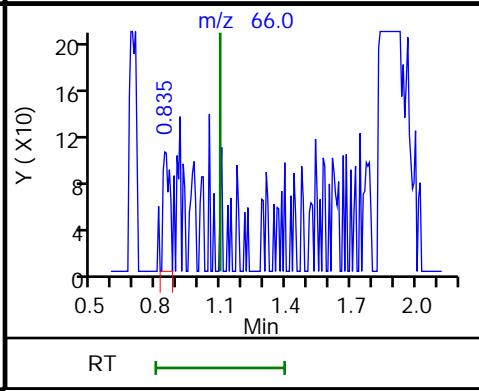
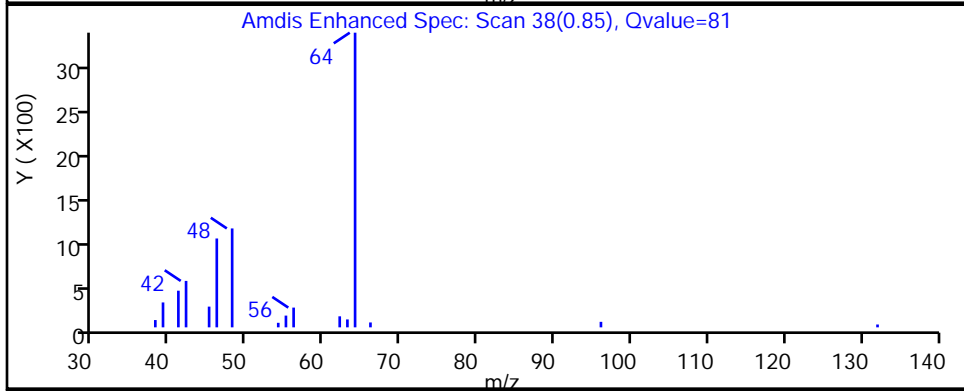
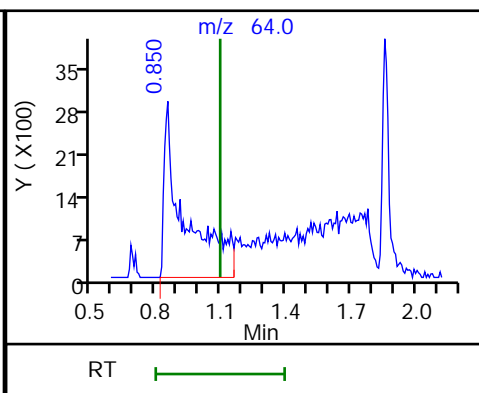
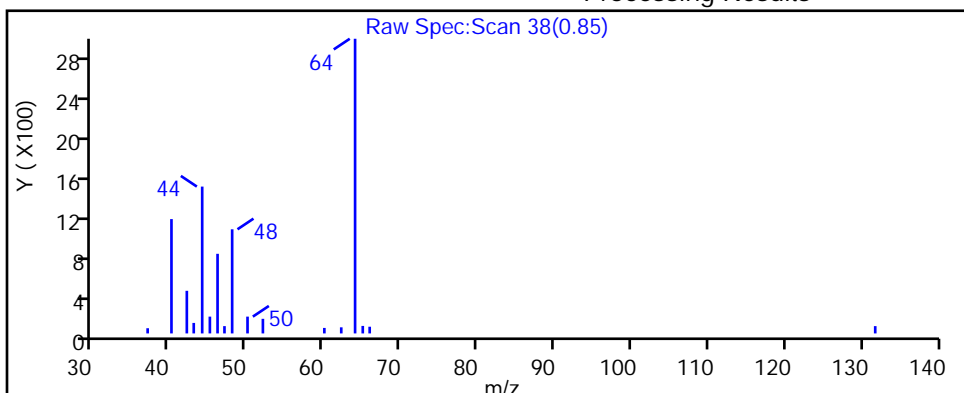
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.85	64.00	19203	5.999318
0.84	66.00	215	

Reviewer: xuyvo, 29-Aug-2020 13:00:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179043.D

Injection Date: 28-Aug-2020 15:42:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-4

Lab Sample ID: 460-216635-4

Client ID: DEC1D2_20200820

Operator ID:

ALS Bottle#:

19

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

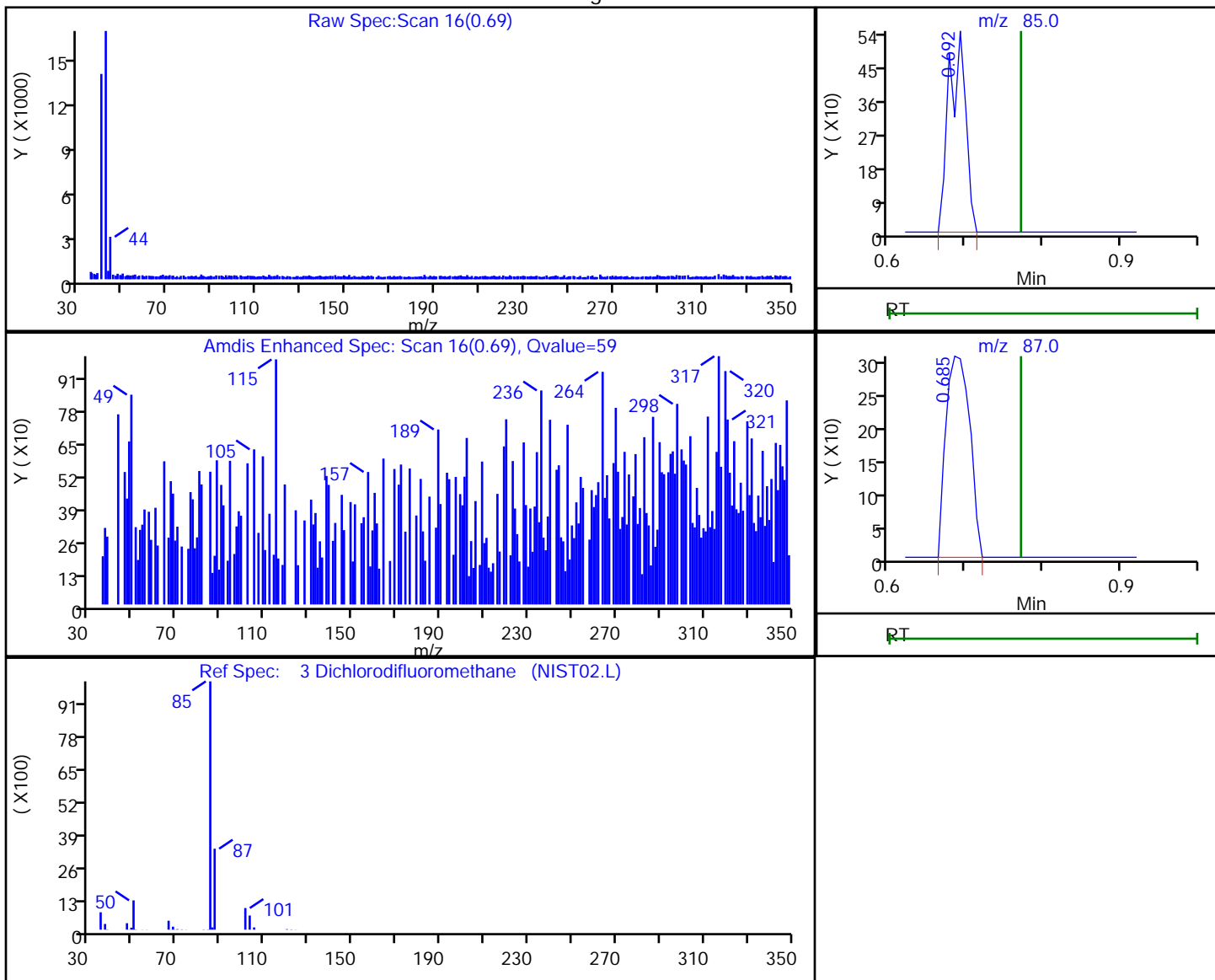
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.69	85.00	815	0.174694
0.68	87.00	656	

Reviewer: xuyvo, 29-Aug-2020 13:00:45

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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: TB_20200820 Lab Sample ID: 460-216635-5
 Matrix: Water Lab File ID: P79033.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	8.9		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: TB_20200820 Lab Sample ID: 460-216635-5
 Matrix: Water Lab File ID: P79033.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: TB_20200820 Lab Sample ID: 460-216635-5
 Matrix: Water Lab File ID: P79033.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\1P79033.D
 Lims ID: 460-216635-B-5
 Client ID: TB_20200820
 Sample Type: Client
 Inject. Date: 28-Aug-2020 11:51:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-5
 Misc. Info.: 460-0115916-010
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Aug-2020 15:41:24 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc Date: 28-Aug-2020 11:21:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.716	1.716	0.000	85	6495	8.88	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	155283	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	135078	47.5	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	205849	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	139579	41.0	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	608017	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	19566	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	552301	51.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	439073	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	178789	50.9	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	95	248593	50.0	

Reagents:

8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79033.D

Injection Date: 28-Aug-2020 11:51:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-5

Lab Sample ID: 460-216635-5

Worklist Smp#: 10

Client ID: TB_20200820

Purge Vol: 5.000 mL

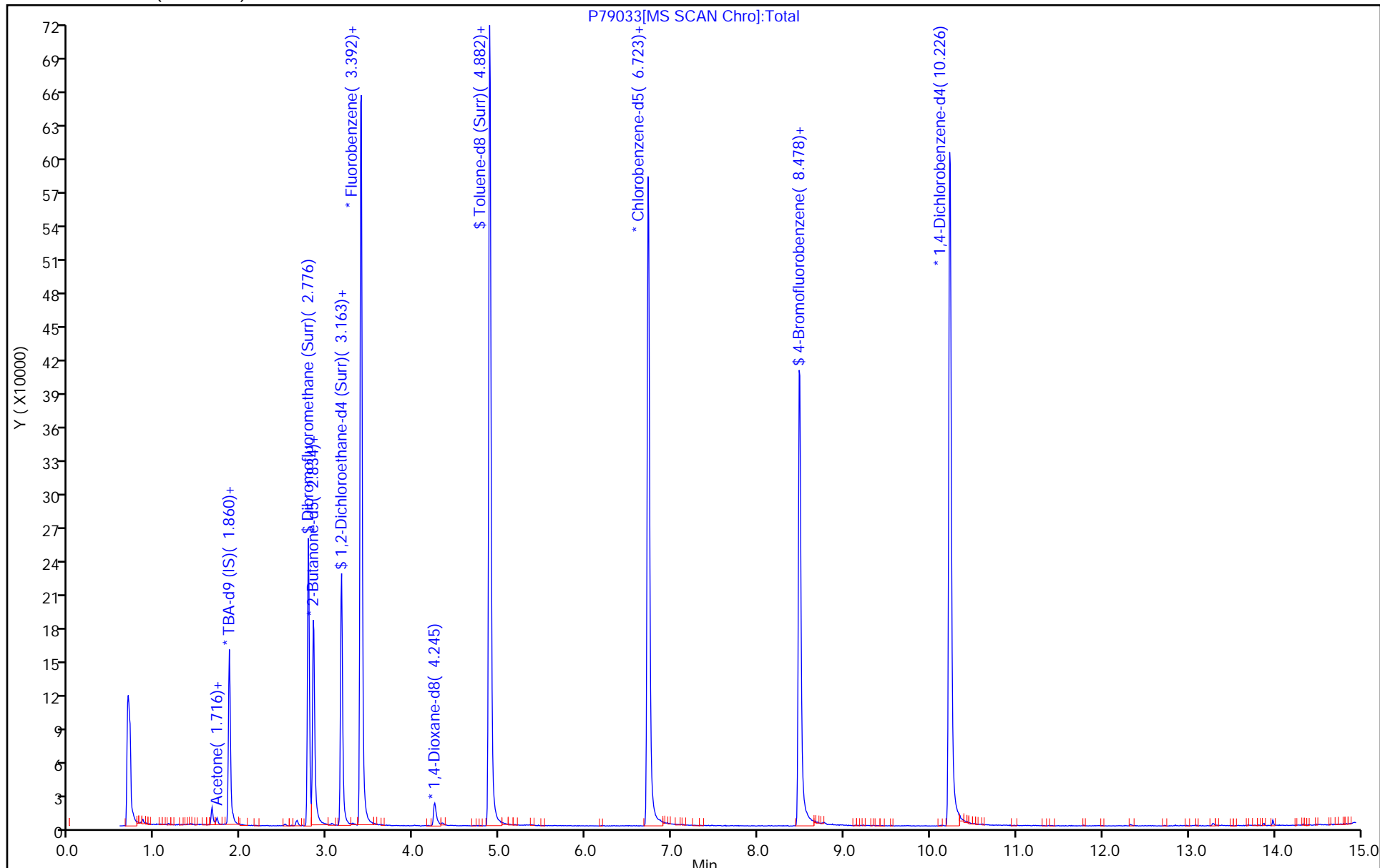
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79033.D

Injection Date: 28-Aug-2020 11:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-5

Lab Sample ID: 460-216635-5

Client ID: TB_20200820

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

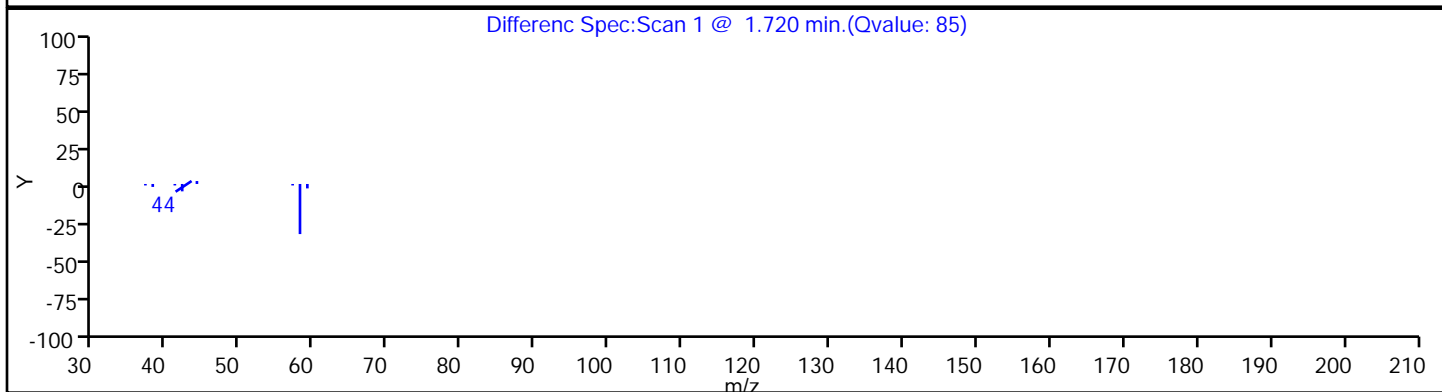
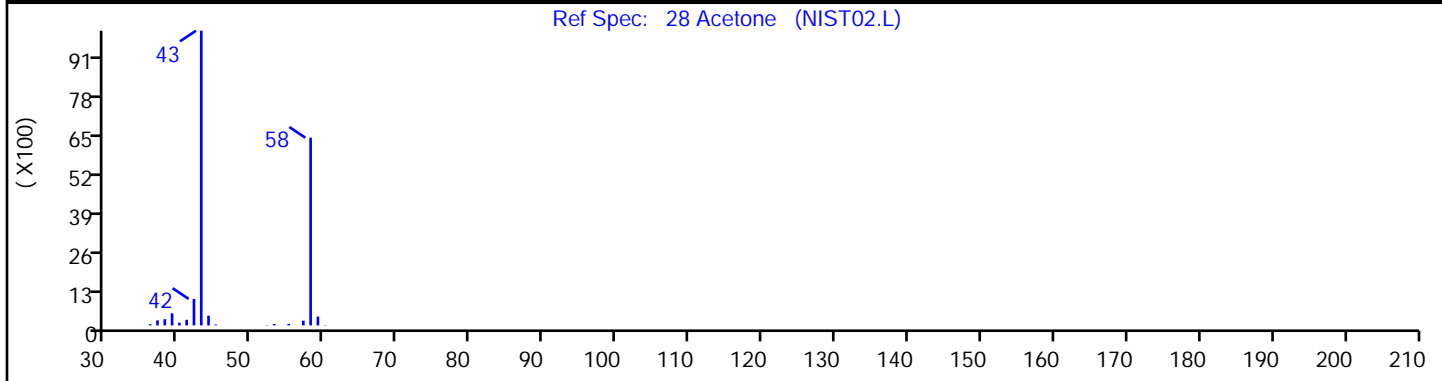
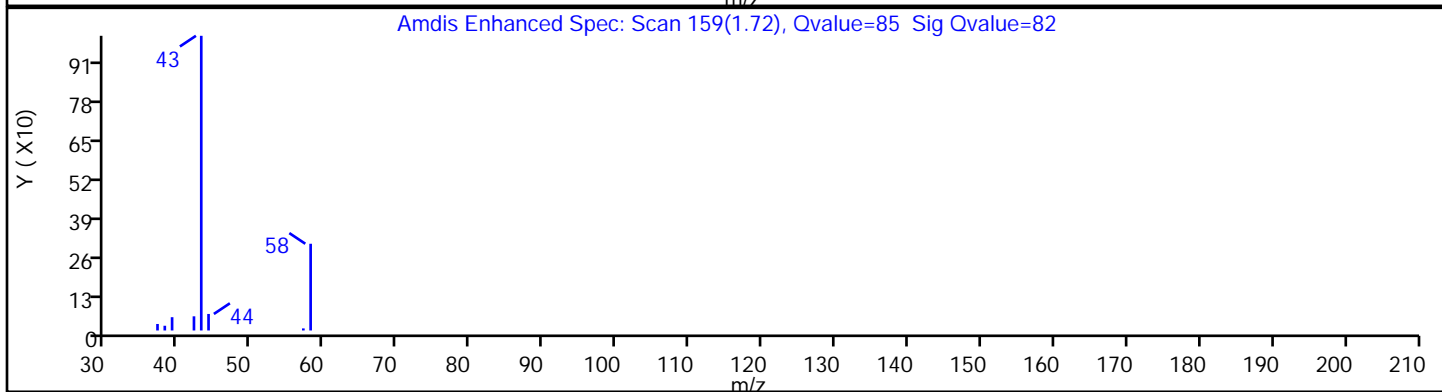
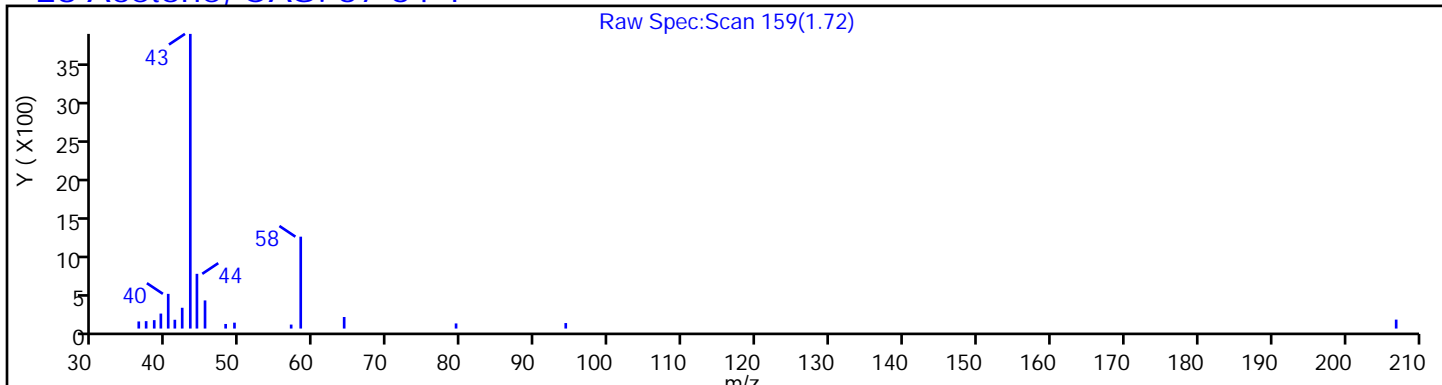
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79033.D

Injection Date: 28-Aug-2020 11:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-5

Lab Sample ID: 460-216635-5

Client ID: TB_20200820

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

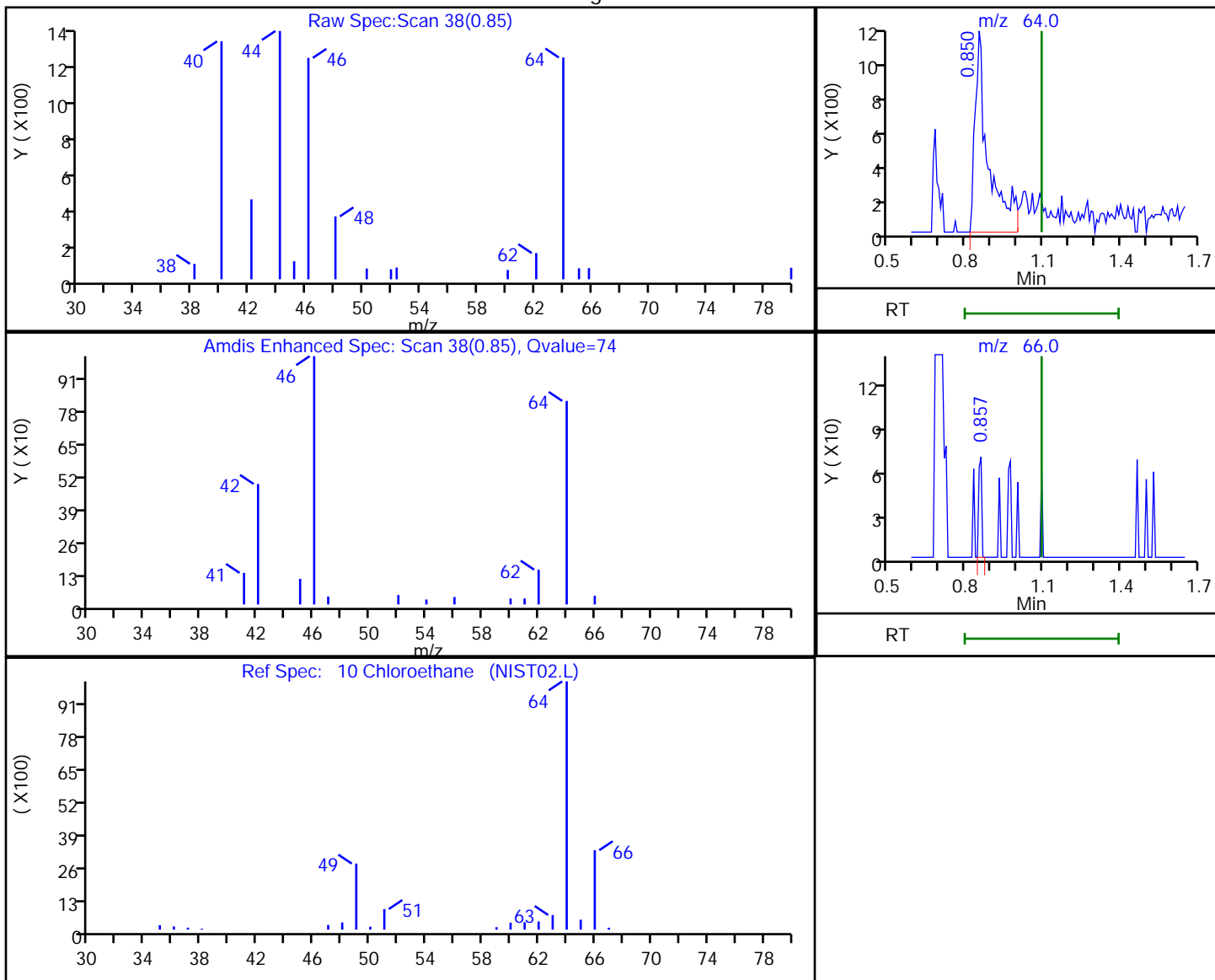
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.85	64.00	4318	1.280144
0.86	66.00	55	

Reviewer: moroneyc, 28-Aug-2020 11:20:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79033.D

Injection Date: 28-Aug-2020 11:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-5

Lab Sample ID: 460-216635-5

Client ID: TB_20200820

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

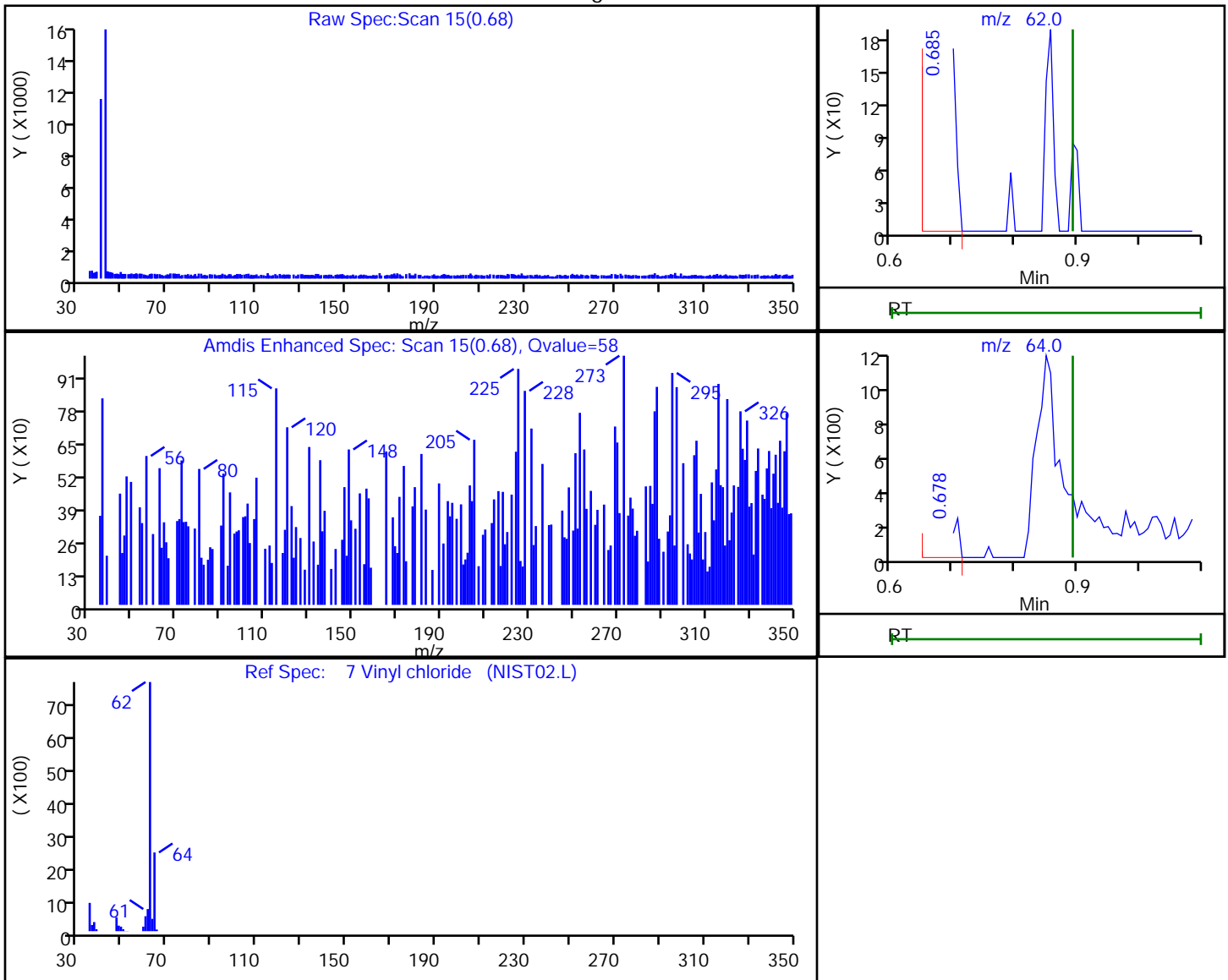
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.68	62.00	791	0.171124
0.68	64.00	850	

Reviewer: moroneyc, 28-Aug-2020 11:20:50

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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC_GW_DUPE_20200820 Lab Sample ID: 460-216635-6
 Matrix: Water Lab File ID: P79044.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:05
 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.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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	0.45	J	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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC_GW_DUPE_20200820 Lab Sample ID: 460-216635-6
 Matrix: Water Lab File ID: P79044.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:05
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.47	J	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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC_GW_DUPE_20200820 Lab Sample ID: 460-216635-6
 Matrix: Water Lab File ID: P79044.D
 Analysis Method: 8260C Date Collected: 08/20/2020 00:00
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:05
 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.: 720234 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\CVOAMS13\20200828-115916.b\1P79044.D
 Lims ID: 460-216635-B-6
 Client ID: DEC_GW_DUPE_20200820
 Sample Type: Client
 Inject. Date: 28-Aug-2020 16:05:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-6
 Misc. Info.: 460-0115916-021
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:01:24 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 18:54:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	0.893	0.893	0.000	98	2621	0.4489	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	122138	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	132178	49.2	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	168118	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.163	-0.007	0	132715	41.2	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	574740	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	62	17019	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	541871	53.0	
83 Toluene	91	4.940	4.940	0.000	90	6109	0.4650	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	421817	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	167899	49.8	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	95	242921	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79044.D

Injection Date: 28-Aug-2020 16:05:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216635-B-6

Lab Sample ID: 460-216635-6

Worklist Smp#: 21

Client ID: DEC_GW_DUPE_20200820

Purge Vol: 5.000 mL

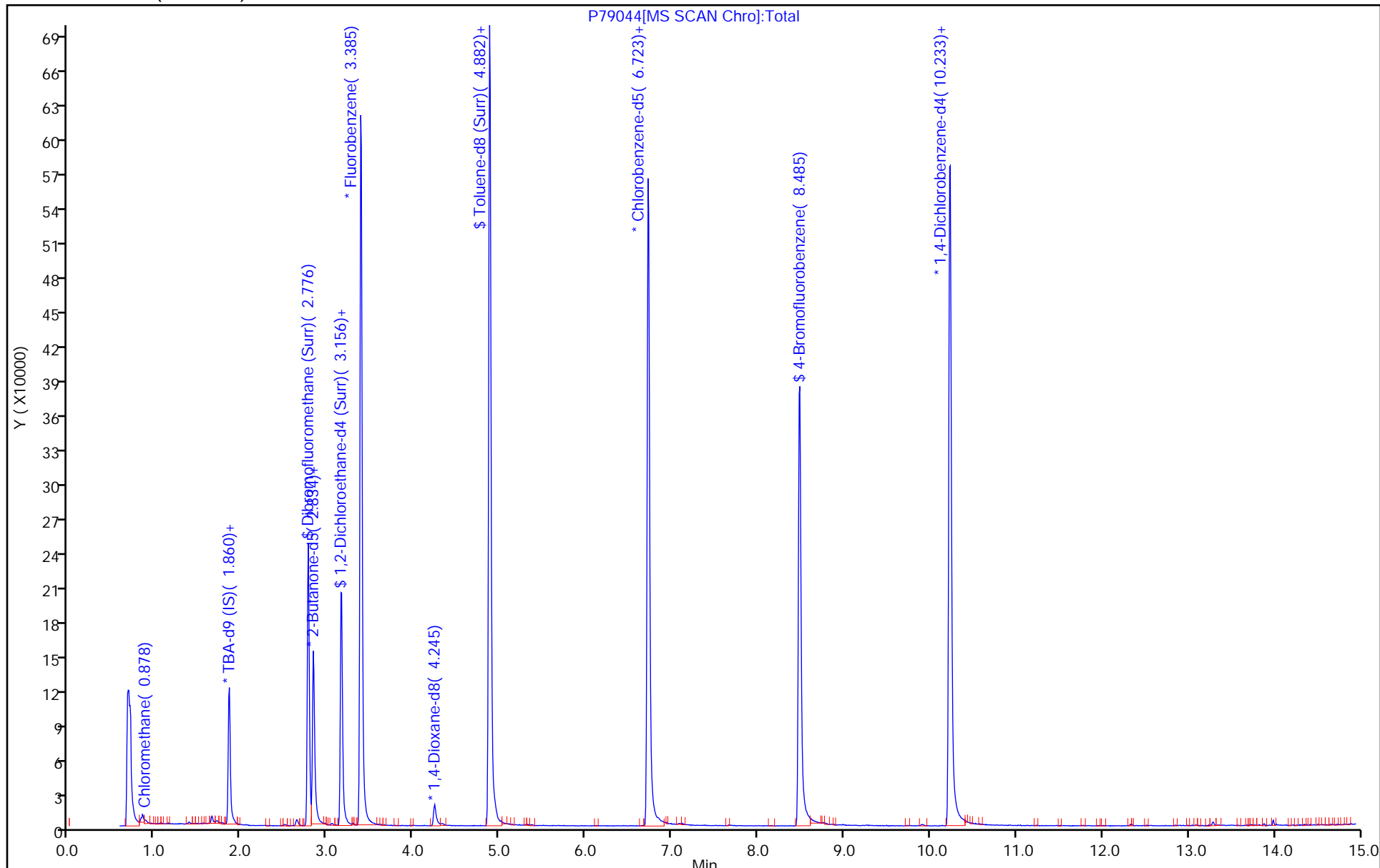
Dil. Factor: 1.0000

ALS Bottle#: 20

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79044.D

Injection Date: 28-Aug-2020 16:05:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-6

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

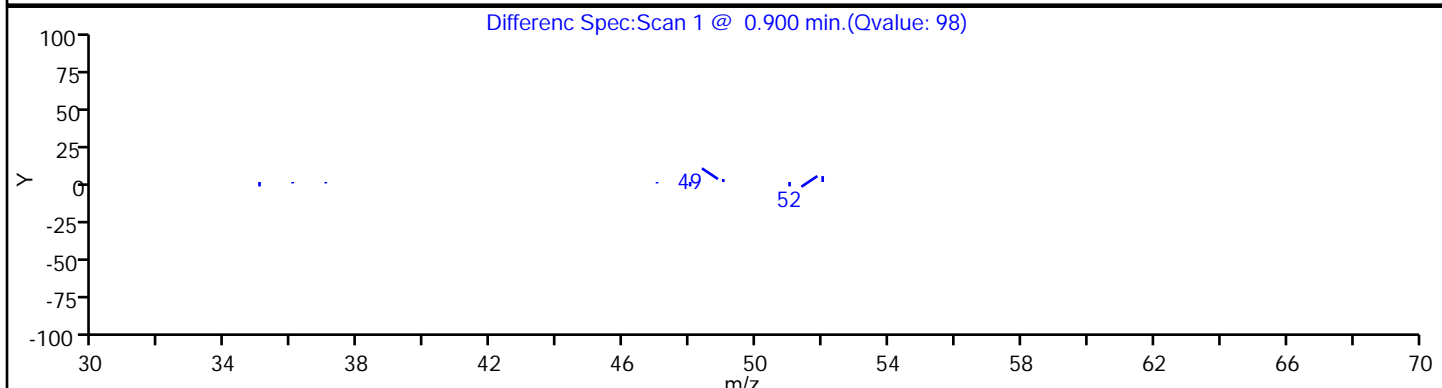
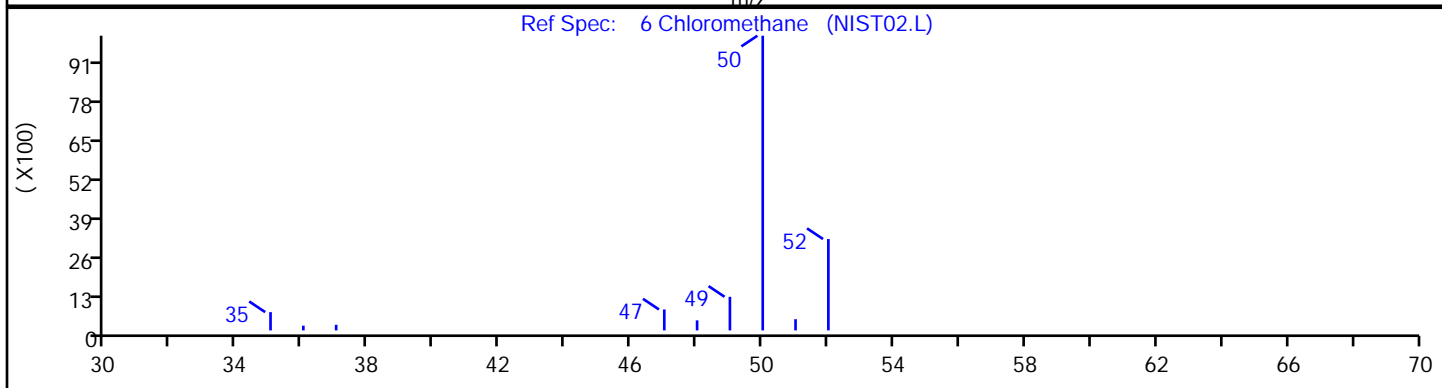
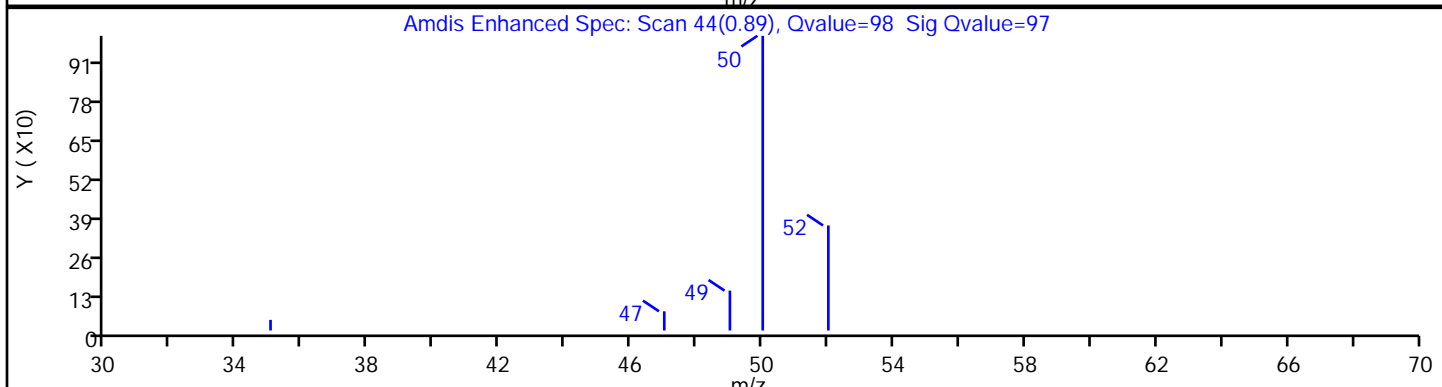
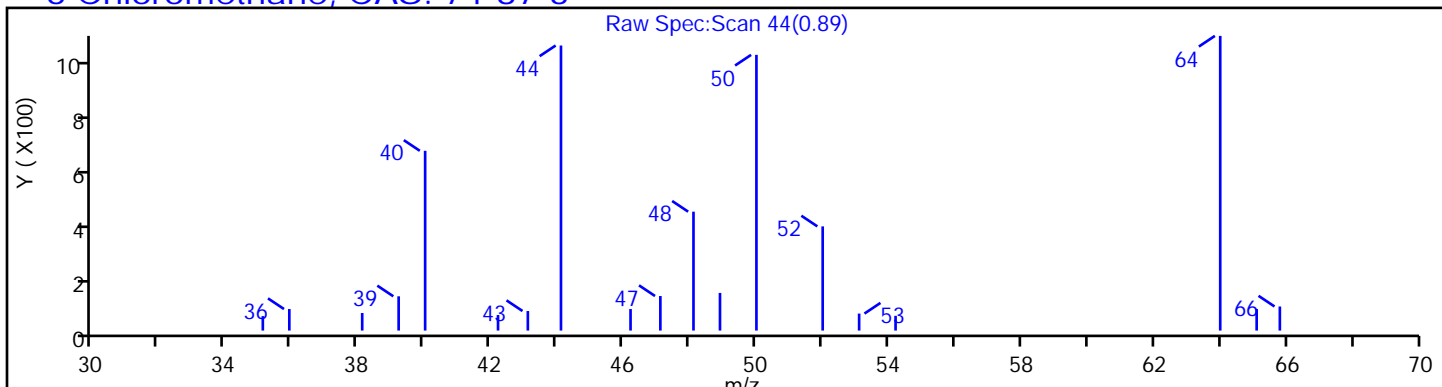
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79044.D

Injection Date: 28-Aug-2020 16:05:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-6

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#: 20 Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

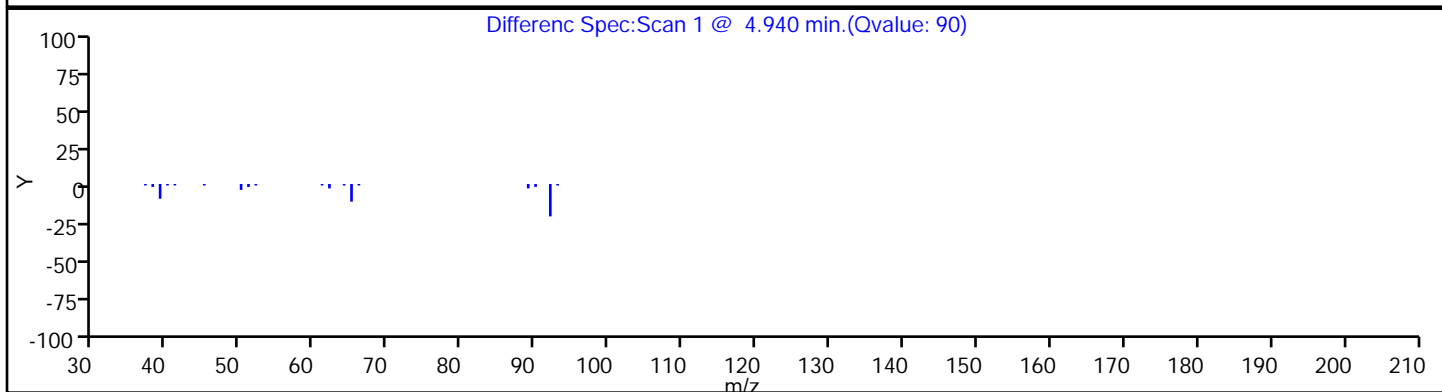
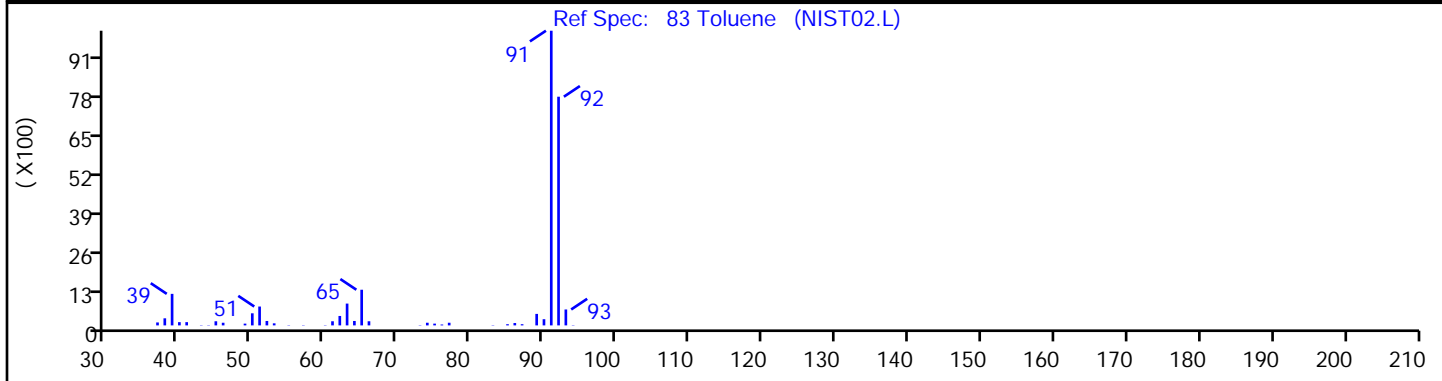
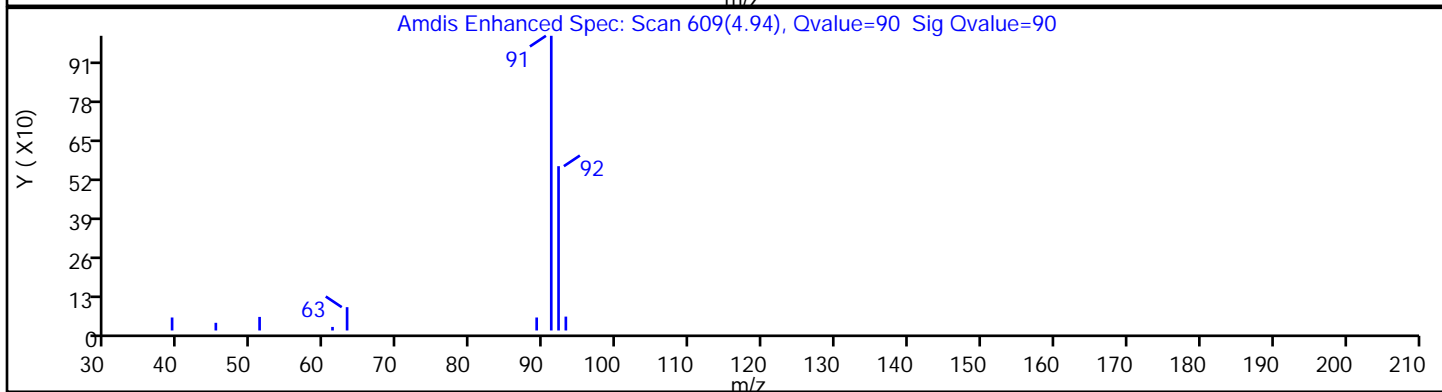
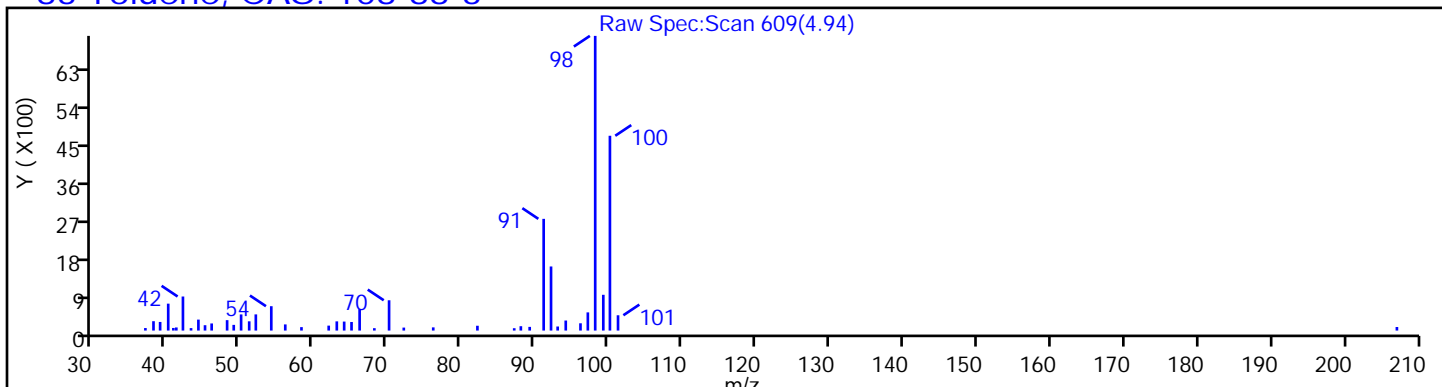
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179044.D

Injection Date: 28-Aug-2020 16:05:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-6

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#:

20

Worklist Smp#:

21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

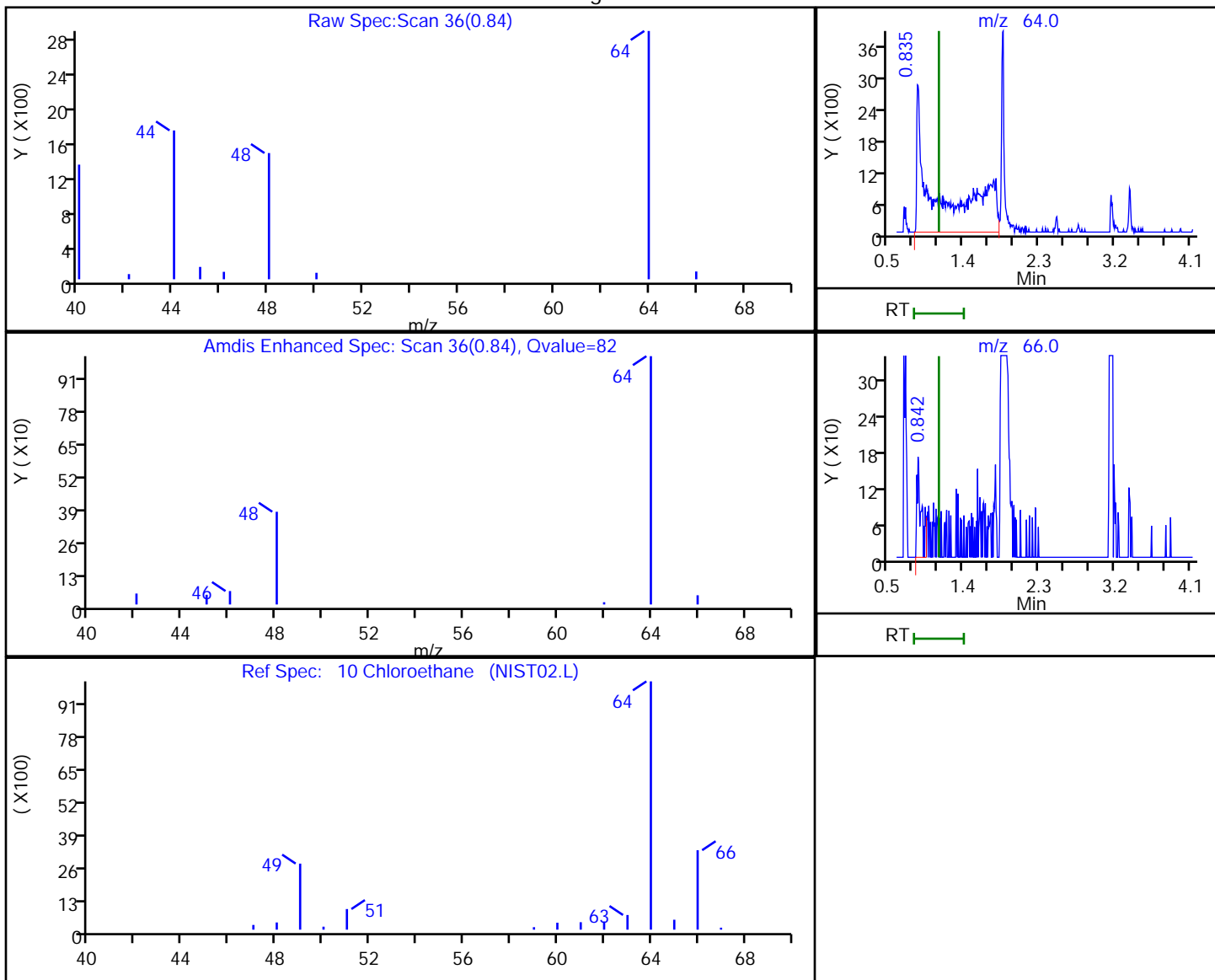
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.84	64.00	43853	13.753713
0.84	66.00	597	

Reviewer: xuyvo, 29-Aug-2020 13:01:10

Audit Action: Marked Compound Undetected

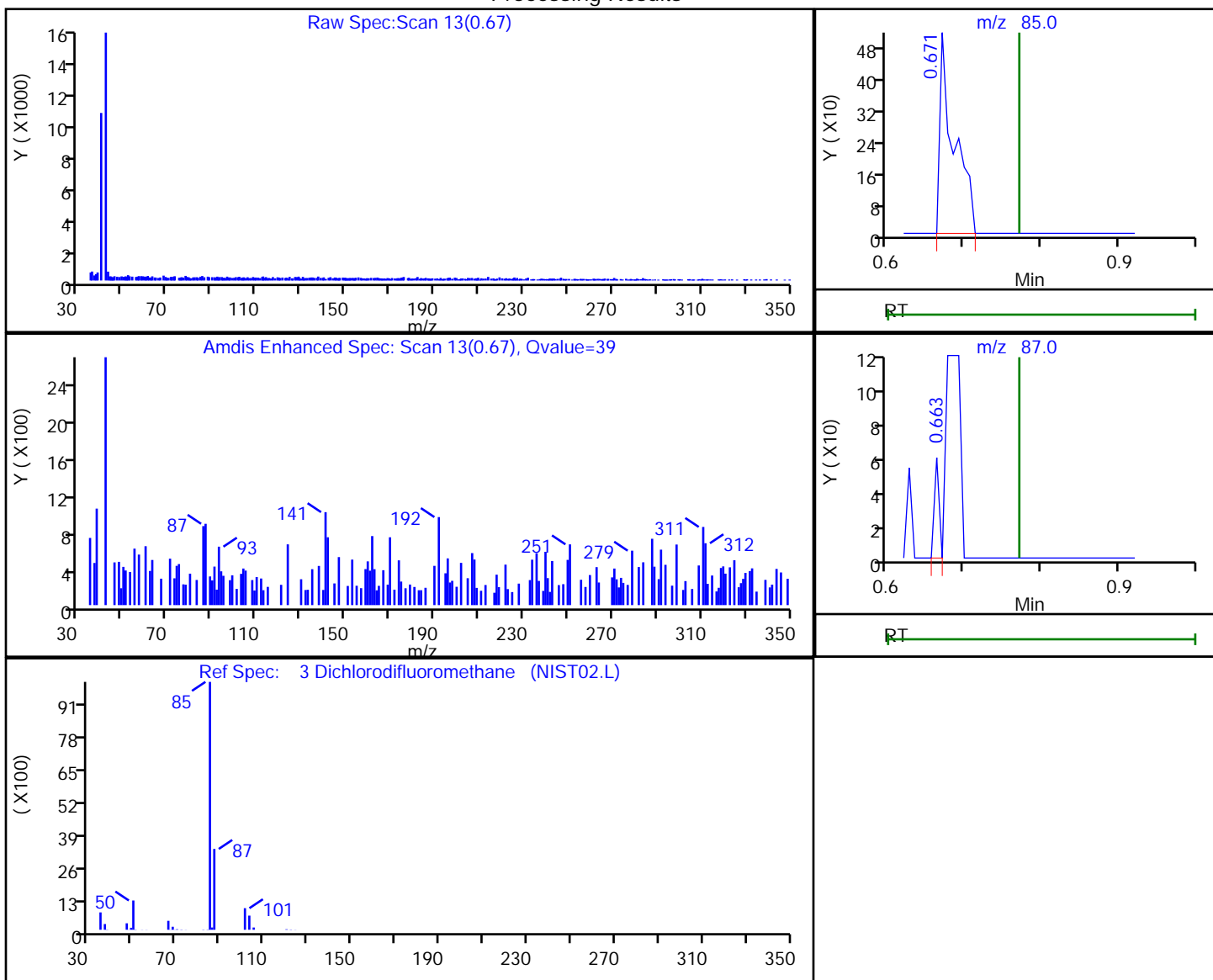
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\p79044.D
 Injection Date: 28-Aug-2020 16:05:30 Instrument ID: CVOAMS13
 Lims ID: 460-216635-B-6 Lab Sample ID: 460-216635-6
 Client ID: DEC_GW_DUPE_20200820
 Operator ID: ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.67	85.00	661	0.142236
0.66	87.00	25	

Reviewer: xuyvo, 29-Aug-2020 13:01:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\p79044.D

Injection Date: 28-Aug-2020 16:05:30

Instrument ID: CVOAMS13

Lims ID: 460-216635-B-6

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#:

20

Worklist Smp#: 21

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

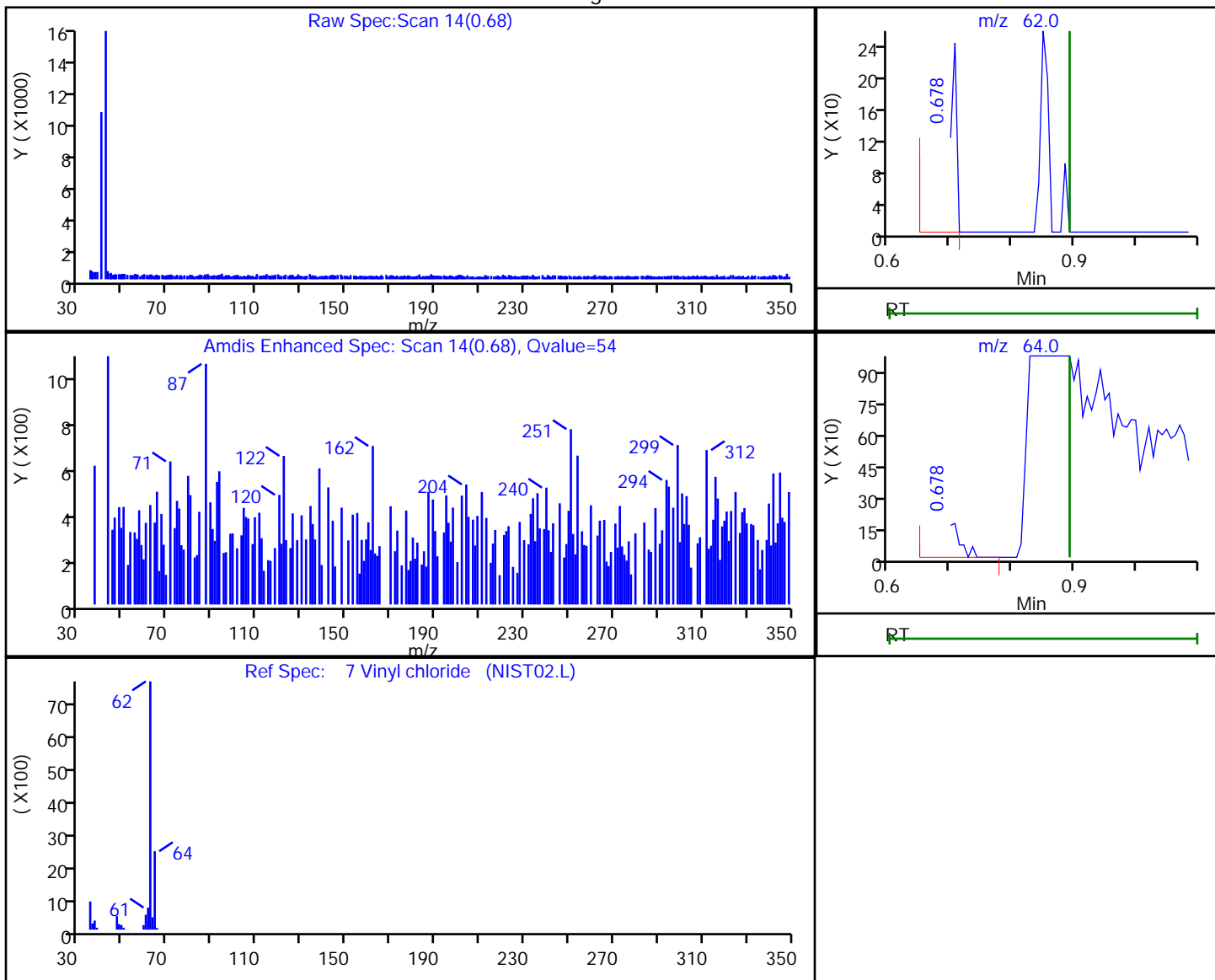
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.68	62.00	865	0.197968
0.68	64.00	895	

Reviewer: xuyvo, 29-Aug-2020 13:01:07

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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.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															
Chlorotrifluoroethene	++++ 0.0783	0.0806 0.0823	0.0711	0.0766	0.0656	Ave		0.0757			8.3		20.0				
Monochloropentafluoroethane	++++ 0.0137	++++ 0.0134	0.0201	0.0200	0.0154	Ave		0.0165			19.9		20.0				
Dichlorodifluoromethane	++++ 0.3438	0.4659 0.3445	0.4694	0.4232	0.3790	Ave		0.4043		0.1000	14.1		20.0				
1,1-Difluoroethane	++++ 0.1333	0.1954 0.1278	0.1504	0.1433	0.1360	Ave		0.1477			16.7		20.0				
Chlorodifluoromethane	++++ 0.0508	0.0710 0.0492	0.0593	0.0546	0.0515	Ave		0.0560			14.5		20.0				
Vinyl chloride	++++ 0.3503	0.4346 0.3523	0.4035	0.3750	0.3649	Ave		0.3801		0.1000	8.7		20.0				
Butadiene	0.3275 0.3265	0.3582 0.3497	0.3440	0.3491	0.3284	Ave		0.3405			3.8		20.0				
Chloromethane	++++ 0.4714	0.5664 0.4795	0.5538	0.4864	0.4905	Ave		0.5080		0.1000	8.1		20.0				
Bromomethane	++++ 2.3085	2.6450 1.9305	1.6317	1.6086	1.7118	QuaF		2.4304	-0.000991	0.1000				0.9980		0.9900	
Chloroethane	++++ 0.2735	0.3276 0.1800	0.2697	0.3276	0.2860	Ave		0.2774		0.1000	19.5		20.0				
Pentane	++++ 3.1924	3.5738 1.9365	3.2509	3.2305	3.0721	Ave		3.0427			18.6		20.0				
Trichlorofluoromethane	++++ 0.4953	0.4617 0.4190	0.5063	0.5206	0.5145	Ave		0.4862		0.1000	8.0		20.0				
Dichlorofluoromethane	++++ 0.5878	0.6013 0.5215	0.6115	0.5937	0.6138	Ave		0.5883			5.8		20.0				
2-Methyl-1,3-butadiene	++++ 0.4994	0.4682 0.5364	0.4764	0.4895	0.5068	Ave		0.4961			4.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Ethyl ether	++++ 0.2706	0.2523 0.2729	0.2710	0.2649	0.2670	Ave		0.2665			2.8		20.0				
1,1-Dichloroethene	++++ 0.2807	0.3213 0.2865	0.2719	0.2652	0.2717	Ave		0.2829		0.1000	7.2		20.0				
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.4432	0.4924 0.4316	0.3690	0.4336	0.4185	Ave		0.4314			9.2		20.0				
Ethanol	++++ 0.0809	0.1299 0.0806	0.0744	0.0656	0.0784	QuaF		0.0803	0					1.0000		0.9900	
Carbon disulfide	++++ 1.0400	1.2128 1.0634	1.0068	0.9772	0.9960	Ave		1.0494		0.1000	8.2		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2807	0.2949 0.2881	0.2994	0.2824	0.2592	Ave		0.2841		0.1000	5.0		20.0				
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4471	0.5134 0.4592	0.4274	0.4258	0.4176	Ave		0.4484			7.9		20.0				
Iodomethane	++++ 0.3444	0.1201 0.3165	0.1189	0.1768	0.2361	QuaF		0.3417	-0.000049					0.9980		0.9900	
Cyclopentene	++++ 0.7720	0.8232 0.8310	0.7734	0.7668	0.7505	Ave		0.7861			4.2		20.0				
Acrolein	++++ 1.5079	1.4537 1.5097	1.4864	1.4127	1.4204	Ave		1.4651			2.9		20.0				
Allyl chloride	++++ 0.1808	0.1803 0.1722	0.1802	0.1699	0.1733	Ave		0.1761			2.8		20.0				
Isopropyl alcohol	++++ 0.7468	0.7867 0.7090	0.7695	0.7985	0.7598	Ave		0.7617			4.2		20.0				
Methylene Chloride	++++ 0.3309	0.3761 0.3202	0.3629	0.3405	0.3255	Ave		0.3427		0.1000	6.5		20.0				
Acetone	++++ 0.8286	1.1714 0.8730	0.8982	0.8009	0.7586	Ave		0.8884		0.0500	16.6		20.0				
trans-1,2-Dichloroethene	++++ 0.2985	0.3808 0.3051	0.3192	0.2932	0.2910	Ave		0.3146		0.1000	10.8		20.0				
Methyl acetate	++++ 8.1317	9.1681 5.3665	8.8197	8.5715	8.7217	Ave		8.1299		0.1000	17.2		20.0				
Hexane	++++ 0.0737	0.0667 0.0793	0.0781	0.0704	0.0676	Ave		0.0726			7.3		20.0				
Methyl tert-butyl ether	++++ 0.8297	0.7107 0.8155	0.7992	0.8030	0.7886	Ave		0.7911		0.1000	5.3		20.0				
2-Methyl-2-propanol	++++ 1.1181	1.8467 1.0919	1.2311	1.1334	1.1126	QuaF		1.1332	-0.000008					1.0000		0.9900	
Acetonitrile	++++ 1.5358	1.5712 1.4119	1.5633	1.4996	1.4650	Ave		1.5078			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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Isopropyl ether	++++ 0.8807	0.7713 0.8943	0.8251	0.8315	0.8460	Ave		0.8415			5.2		20.0				
2-Chloro-1,3-butadiene	++++ 0.2383	0.2678 0.2470	0.2404	0.2282	0.2280	Ave		0.2416			6.1		20.0				
1,1-Dichloroethane	++++ 0.4813	0.5095 0.4930	0.4952	0.4878	0.4674	Ave		0.4890		0.2000	2.9		20.0				
Acrylonitrile	0.0858 0.0791	0.0707 0.0840	0.0795	0.0820	0.0780	Ave		0.0799			6.1		20.0				
Tert-butyl ethyl ether	++++ 0.8283	0.6614 0.9070	0.7219	0.7450	0.7666	Ave		0.7717			11.1		20.0				
Vinyl acetate	++++ 0.5154	0.4299 0.6144	0.4640	0.5056	0.4984	Ave		0.5046			12.4		20.0				
cis-1,2-Dichloroethene	++++ 0.2779	0.3292 0.2771	0.2979	0.2664	0.2763	Ave		0.2875		0.1000	8.0		20.0				
2,2-Dichloropropane	++++ 0.3425	0.3696 0.3453	0.3212	0.3346	0.3221	Ave		0.3392			5.3		20.0				
Cyclohexane	++++ 0.4319	0.4476 0.4582	0.4401	0.4310	0.4005	Ave		0.4349		0.1000	4.5		20.0				
Chlorobromomethane	++++ 0.1340	0.1489 0.0987	0.1407	0.1357	0.1304	Ave		0.1314			13.1		20.0				
Chloroform	++++ 0.4487	0.4911 0.4535	0.4921	0.4498	0.4402	Ave		0.4625		0.2000	4.9		20.0				
Carbon tetrachloride	++++ 0.2968	0.2870 0.3163	0.2777	0.2760	0.2786	Ave		0.2887		0.1000	5.4		20.0				
Ethyl acetate	++++ 0.3031	0.3451 0.3181	0.3060	0.2870	0.2901	Ave		0.3082			6.9		20.0				
Methyl acrylate	++++ 0.1923	0.1337 0.2032	0.1724	0.1806	0.1866	Ave		0.1781			13.6		20.0				
Tetrahydrofuran	++++ 1.0322	1.1791 1.0842	1.0240	0.9778	0.9959	Ave		1.0489			7.0		20.0				
1,1,1-Trichloroethane	++++ 0.3729	0.3742 0.3808	0.3783	0.3673	0.3620	Ave		0.3726		0.1000	1.9		20.0				
2-Butanone (MEK)	++++ 0.3410	0.3379 0.3451	0.3256	0.3112	0.3203	Ave		0.3302		0.0500	4.0		20.0				
1,1-Dichloropropene	++++ 0.3569	0.4411 0.3662	0.3807	0.3599	0.3560	Ave		0.3768			8.7		20.0				
2,2,4-Trimethylpentane	++++ 0.6389	0.6954 0.6356	0.6691	0.6306	0.5747	Ave		0.6407			6.4		20.0				
n-Heptane	++++ 0.1547	0.1862 0.1715	0.1596	0.1492	0.1416	Ave		0.1605			10.0		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.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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															
Benzene	++++ 1.5021	1.5310 1.5164	1.5460	1.5207	1.5168	Ave		1.5222			0.5000	1.0	20.0				
Propionitrile	++++ 1.5803	1.7087 1.7648	1.5318	1.4984	1.4602	Ave		1.5907				7.6	20.0				
Methacrylonitrile	++++ 0.0980	0.0661 0.1099	0.0893	0.0911	0.0922	Ave		0.0911				15.7	20.0				
Tert-amyl methyl ether	++++ 0.7055	0.5349 0.7712	0.5981	0.6044	0.6511	Ave		0.6442				13.1	20.0				
1,2-Dichloroethane	++++ 0.3381	0.3855 0.3495	0.3459	0.3372	0.3289	Ave		0.3475			0.1000	5.7	20.0				
Isobutyl alcohol	++++ 0.4069	0.3577 0.4263	0.3251	0.3461	0.3687	Ave		0.3718				10.2	20.0				
Isopropyl acetate	++++ 0.4212	0.2979 0.4607	0.3751	0.3945	0.4194	Ave		0.3948				14.1	20.0				
Methylcyclohexane	++++ 0.4218	0.3868 0.4506	0.4168	0.3870	0.3842	Ave		0.4079			0.1000	6.5	20.0				
Trichloroethene	++++ 0.2726	0.2543 0.2784	0.2810	0.2560	0.2607	Ave		0.2672			0.2000	4.4	20.0				
Dibromomethane	++++ 0.1527	0.1463 0.1546	0.1532	0.1494	0.1486	Ave		0.1508				2.1	20.0				
n-Butanol	++++ 0.2618	0.0651 0.2762	0.1629	0.2010	0.2212	QuaF		0.2462	0.0000024					1.0000		0.9900	
1,2-Dichloropropane	++++ 0.2722	0.2444 0.2735	0.2644	0.2677	0.2653	Ave		0.2646			0.1000	4.0	20.0				
Dichlorobromomethane	++++ 0.3471	0.3103 0.3527	0.3232	0.3152	0.3283	Ave		0.3295			0.2000	5.2	20.0				
Ethyl acrylate	++++ 0.2768	0.1621 0.2956	0.1688	0.2256	0.2521	Qua2	-0.070	0.2237	0.0001642					0.9900		0.9900	
Methyl methacrylate	++++ 0.0581	0.0363 0.0605	0.0474	0.0513	0.0559	Ave		0.0516				17.2	20.0				
1,4-Dioxane	++++ 1.2345	1.4177 1.4036	1.4362	1.2425	1.2496	Ave		1.3307				7.3	20.0				
n-Propyl acetate	++++ 0.2915	0.1468 0.3014	0.2022	0.2519	0.2736	Qua2	-0.114	0.2546	0.0001091					0.9960		0.9900	
2-Chloroethyl vinyl ether	++++ 0.0432	++++ 0.0668	0.0115	0.0132	0.0212	Ave		0.0312				75.6	*	20.0			
cis-1,3-Dichloropropene	++++ 0.5821	0.4335 0.5821	0.4842	0.5167	0.5568	Ave		0.5259			0.2000	11.3	20.0				
Toluene	++++ 1.5525	1.6394 1.5548	1.5473	1.5002	1.5484	Ave		1.5571			0.4000	2.9	20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Epichlorohydrin	++++ 0.1753	0.0881 0.2012	0.0839	0.1144	0.1432	Ave		0.1344			35.4	*	20.0				
2-Nitropropane	++++ 0.0526	0.0445 0.0583	0.0362	0.0408	0.0468	Ave		0.0465			17.1		20.0				
Tetrachloroethene	++++ 0.3660	0.3810 0.3598	0.3558	0.3527	0.3666	Ave		0.3637		0.2000	2.8		20.0				
4-Methyl-2-pentanone (MIBK)	++++ 2.3990	1.6369 2.5580	1.9810	2.1517	2.3213	Ave		2.1746		0.0500	15.2		20.0				
trans-1,3-Dichloropropene	++++ 0.5357	0.3231 0.5557	0.4154	0.4607	0.5023	Ave		0.4655		0.1000	18.5		20.0				
1,1,2-Trichloroethane	++++ 0.2546	0.2184 0.2508	0.2577	0.2462	0.2546	Ave		0.2471		0.1000	5.9		20.0				
Ethyl methacrylate	++++ 0.2787	0.1181 0.2848	0.2158	0.2553	0.2620	Qua2	-0.143	0.2582	0.0000616					0.9990		0.9900	
Chlorodibromomethane	++++ 0.3369	0.2149 0.3345	0.2832	0.2989	0.3213	Ave		0.2983		0.1000	15.4		20.0				
1,3-Dichloropropene	++++ 0.5279	0.4455 0.5084	0.4921	0.5200	0.5349	Ave		0.5048			6.5		20.0				
Ethylene Dibromide	++++ 0.3017	0.1813 0.2941	0.2594	0.2883	0.3056	Ave		0.2717		0.1000	17.4		20.0				
n-Butyl acetate	++++ 0.4298	0.2144 0.4288	0.3400	0.3813	0.3966	Qua2	-0.181	0.3918	0.0000914					0.9990		0.9900	
2-Hexanone	++++ 1.6638	0.8616 1.7307	1.3450	1.5080	1.5939	QuaF		1.6111	0.0000479	0.0500				1.0000		0.9900	
Chlorobenzene	++++ 0.9592	1.0723 0.9642	0.9725	0.9452	0.9423	Ave		0.9760		0.5000	5.0		20.0				
Ethylbenzene	++++ 0.5378	0.5375 0.5697	0.5427	0.5246	0.5292	Ave		0.5403		0.1000	2.9		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3388	0.2404 0.3497	0.2844	0.2883	0.3203	Ave		0.3037			13.4		20.0				
m-Xylene & p-Xylene	++++ 0.6548	0.6618 0.6499	0.6328	0.6267	0.6640	Ave		0.6483		0.1000	2.4		20.0				
o-Xylene	++++ 0.6329	0.5316 0.6313	0.5831	0.6158	0.6285	Ave		0.6039		0.3000	6.6		20.0				
Bromoform	++++ 0.2091	0.1209 0.2172	0.1387	0.1589	0.1833	Qua2	-0.050	0.1667	0.0001179	0.1000				0.9940		0.9900	
Styrene	++++ 1.0866	0.7336 1.0868	0.9385	0.9986	1.0614	Ave		0.9843		0.3000	13.8		20.0				
n-Butyl acrylate	++++ 0.2349	0.0641 0.2396	0.1536	0.2015	0.2162	Qua2	-0.146	0.2054	0.0000816					0.9960		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.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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															
Isopropylbenzene	++++ 1.6684	1.5635 1.6740	1.5815	1.6362	1.6572	Ave		1.6301			0.1000	2.9	20.0				
Amyl acetate (mixed isomers)	++++ 0.9602	0.4350 1.0355	0.7440	0.8649	0.9294	Qua2	-0.459	0.8841	0.0003223					0.9990		0.9900	
Bromobenzene	++++ 0.7525	0.7886 0.7735	0.7761	0.7530	0.7473	Ave		0.7652				2.2	20.0				
N-Propylbenzene	++++ 3.6244	3.3356 3.7118	3.6355	3.5410	3.6077	Ave		3.5760				3.6	20.0				
1,1,2,2-Tetrachloroethane	++++ 0.6452	0.5179 0.7223	0.6271	0.6150	0.6219	Ave		0.6249			0.3000	10.5	20.0				
2-Chlorotoluene	++++ 2.4987	2.4585 2.6851	2.4936	2.4002	2.4664	Ave		2.5004				3.9	20.0				
4-Ethyltoluene	++++ 3.0549	2.7439 3.1910	2.9472	2.9265	3.0087	Ave		2.9787				5.0	20.0				
1,2,3-Trichloropropane	++++ 0.1786	0.1505 0.1869	0.1805	0.1792	0.1795	Ave		0.1758				7.3	20.0				
1,3,5-Trimethylbenzene	++++ 2.5339	2.4734 2.6256	2.3898	2.3965	2.4732	Ave		2.4821				3.6	20.0				
trans-1,4-Dichloro-2-butene	++++ 0.1840	0.0425 0.2079	0.0787	0.1252	0.1556	QuaF		0.1647	0.0000866					1.0000		0.9900	
4-Chlorotoluene	++++ 2.2925	2.1647 2.3640	2.1088	2.1993	2.2510	Ave		2.2300				4.1	20.0				
tert-Butylbenzene	++++ 2.0694	2.0267 2.1159	2.0217	2.0349	2.0764	Ave		2.0575				1.8	20.0				
1,2,4-Trimethylbenzene	++++ 2.7192	2.2058 2.8204	2.3809	2.4455	2.5431	Ave		2.5191				8.9	20.0				
Butyl Methacrylate	++++ 0.9314	0.3774 1.0211	0.5608	0.6982	0.7769	Qua2	-0.355	0.7147	0.0006840					0.9950		0.9900	
sec-Butylbenzene	++++ 3.2672	3.3156 3.2644	3.1214	3.1172	3.1629	Ave		3.2081				2.6	20.0				
1,3-Dichlorobenzene	++++ 1.4768	1.4242 1.5076	1.4156	1.4121	1.4693	Ave		1.4509			0.6000	2.7	20.0				
4-Isopropyltoluene	++++ 2.7671	2.4024 2.8308	2.4729	2.5781	2.6805	Ave		2.6219				6.4	20.0				
1,4-Dichlorobenzene	++++ 1.5045	1.9029 1.5088	1.5918	1.5098	1.5123	Ave		1.5884			0.5000	9.9	20.0				
1,2,3-Trimethylbenzene	++++ 2.7807	2.4269 2.8515	2.5560	2.5758	2.6689	Ave		2.6433				5.9	20.0				
Indan	++++ 2.7279	2.4947 2.7049	2.5871	2.5957	2.6647	Ave		2.6292				3.3	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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Benzyl chloride	++++ 0.2413	0.0721 0.2745	0.1326	0.1634	0.1927	Qua2	-0.105	0.1728	0.0002244					0.9940		0.9900	
p-Diethylbenzene	++++ 1.4549	1.1970 1.4682	1.2439	1.2869	1.3670	Ave		1.3363			8.4		20.0				
n-Butylbenzene	++++ 2.6661	2.3374 2.6443	2.4440	2.3720	2.5055	Ave		2.4949			5.5		20.0				
1,2-Dichlorobenzene	++++ 1.4859	1.4954 1.4627	1.4235	1.4117	1.4539	Ave		1.4555		0.4000	2.3		20.0				
1,2,4,5-Tetramethylbenzene	++++ 2.6306	2.2085 2.6292	2.2092	2.4316	2.5375	Ave		2.4411			8.0		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.1270	0.0840 0.1303	0.1045	0.1214	0.1243	Ave		0.1152		0.0500	15.4		20.0				
1,3,5-Trichlorobenzene	++++ 1.1095	1.2363 1.0881	1.0493	1.0809	1.1122	Ave		1.1127			5.8		20.0				
1,2,4-Trichlorobenzene	++++ 0.9825	0.9180 0.9722	0.9754	0.9745	1.0035	Ave		0.9710		0.2000	2.9		20.0				
Hexachlorobutadiene	++++ 0.3471	0.4100 0.3281	0.3741	0.3510	0.3552	Ave		0.3609			7.8		20.0				
Naphthalene	++++ 2.0842	1.5419 2.0919	1.8317	2.0980	2.1140	Ave		1.9603			11.8		20.0				
1,2,3-Trichlorobenzene	++++ 0.8768	0.9991 0.8567	0.9493	0.9007	0.8882	Ave		0.9118			5.8		20.0				
Dibromofluoromethane (Surr)	0.2482 0.2289	0.2354 0.2308	0.2373	0.2313	0.2240	Ave		0.2337			3.3		20.0				
1,2-Dichloroethane-d4 (Surr)	0.2869 0.2818	0.2623 0.3122	0.2770	0.2792	0.2624	Ave		0.2803			6.0		20.0				
Toluene-d8 (Surr)	1.2077 1.2300	1.2171 1.1591	1.2248	1.2156	1.2324	Ave		1.2124			2.1		20.0				
4-Bromofluorobenzene	0.3783 0.4066	0.3877 0.3919	0.4126	0.4122	0.4108	Ave		0.4000			3.5		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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 210958	929 633950	4087	18254	41703	++++ 200	1.00 500	5.00	20.0	50.0
Monochloropentafluoroethane	FB	Ave	++++ 36921	++++ 103425	1153	4759	9778	++++ 200	++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 926541	5371 2654914	26993	100863	240897	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	++++ 359256	2252 985181	8651	34157	86439	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 136972	818 378913	3409	13012	32721	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 944080	5010 2715278	23206	89392	231960	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	884 880003	4129 2694930	19782	83207	208727	0.250 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1270504	6529 3695587	31846	115930	311761	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	QuaF	++++ 510330	2131 1232710	7879	32803	89207	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 737107	3776 1387146	15511	78077	181764	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 336798	1362 617563	7519	31155	76767	++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	++++ 1334838	5322 3229431	29115	124084	327025	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1584197	6932 4019458	35162	141519	390146	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 1346019	5397 4133773	27398	116683	322121	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	++++ 729232	2909 2102952	15584	63153	169703	++++ 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.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	++++ 756586	3704 2207777	15638	63216	172686	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 1194476	5676 3326387	21221	103350	265989	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	QuaF	++++ 170592	990 513937	3440	12644	39163	++++ 8000	40.0 20000	200	800	2000
Carbon disulfide	FB	Ave	++++ 2803044	13981 8195378	57897	232917	633042	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 756495	3400 2220108	17220	67314	164736	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1205033	5919 3538923	24580	101505	265441	++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	QuaF	++++ 928245	1384 2438951	6839	42142	150049	++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	++++ 2080605	9490 6404280	44474	182766	477023	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 79542	1108 192588	6876	13624	35494	++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	++++ 487404	2079 1326902	10360	40489	110168	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 393953	1499 1130584	8899	38505	94937	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 891892	4336 2467497	20870	81158	206890	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 915863	4719 2787295	21685	81656	197662	++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	++++ 804605	4390 2351596	18353	69882	184981	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd 9	Ave	++++ 857882	3494 1711415	20399	82664	217944	++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	++++ 198616	769 611512	4489	16785	42991	++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	++++ 2236030	8193 6285219	45957	191395	501216	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	QuaF	++++ 589791	3519 1741147	14237	54651	139016	++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd 9	Ave	++++ 810110	2994 2251404	18079	72311	183048	++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	++++ 2373654	8891 6892582	47446	198190	537744	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 642115	3087 1903790	13826	54384	144909	++++ 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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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	++++ 1297156	5874 3799536	28478	116262	297078	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1852 2130580	8156 6470044	45697	195368	495928	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	++++ 2232497	7625 6989930	41514	177567	487287	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 2778013	9911 9469553	53370	241008	633567	++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	++++ 749020	3795 2135653	17131	63489	175607	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 923033	4261 2660899	18469	79755	204731	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1163988	5160 3531140	25309	102728	254593	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	++++ 361079	1717 760884	8092	32336	82889	++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	++++ 1209229	5661 3495185	28296	107212	279795	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 799899	3308 2437560	15969	65776	177079	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 133991	556 406223	2955	11704	30231	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 518354	1541 1565903	9914	43059	118600	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 456372	1900 1384528	9889	39877	103799	++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	++++ 1005073	4314 2934830	21756	87559	230098	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 376866	1361 1101763	7861	31732	83469	++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	++++ 961863	5085 2822171	21892	85782	226309	++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	++++ 1721821	8016 4898819	38477	150312	365296	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 416923	2146 1321710	9179	35561	90003	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2907166	12345 8554209	62674	256703	675339	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 833620	3256 2814076	17715	72252	182440	++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	++++ 2641849	7625 8471211	51325	217139	585995	++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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	++++ 1901391	6166 5943408	34393	144066	413821	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 911148	4444 2693895	19894	80376	209063	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 536648	1704 1699495	9400	41718	115174	++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	++++ 1135087	3434 3550476	21568	94028	266567	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1136795	4459 3472986	23968	92234	244206	++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	++++ 734821	2932 2145799	16159	61023	165675	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 411556	1686 1191809	8809	35611	94428	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	QuaF	++++ 345195	310 1101198	4709	24225	69085	++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	++++ 733515	2817 2107720	15206	63808	168644	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 935502	3577 2718285	18588	75130	208685	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	++++ 746067	1869 2278436	9706	53765	160249	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 312979	836 932802	5452	24463	71093	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 128381	1410 373673	3164	11722	29996	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Qua2	++++ 785712	1692 2322572	11629	60031	173895	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 116735	++++ 515973	665	3150	13488	++++ 200	++++ 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1126673	3495 3283927	19628	87216	247910	++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	++++ 3004811	13219 8771046	62726	253243	689416	++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	++++ 775187	1420 2569334	8106	46672	149274	++++ 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	++++ 283645	1025 898689	4169	19466	59466	++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZ d5	Ave	++++ 708370	3072 2029624	14425	59540	163236	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2651666	6594 8166806	47828	219384	604856	++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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	++++ 1036825	2605 3134655	16839	77775	223621	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 492730	1761 1414917	10448	41567	113366	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Qua2	++++ 751130	1361 2195144	12409	60848	166545	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 652001	1733 1887216	11482	50459	143046	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1021792	3592 2868130	19948	87777	238154	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 583888	1462 1658821	10516	48667	136045	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Qua2	++++ 831753	1729 2418753	13783	64369	176576	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	++++ 1839092	3471 5525557	32473	153754	415314	++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	++++ 1856451	8646 5439462	39424	159559	419539	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 1040894	4334 3213969	22001	88554	235614	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 655793	1938 1972829	11528	48669	142631	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1267399	5336 3666152	25653	105785	295638	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1224952	4286 3561229	23640	103945	279851	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Qua2	++++ 404601	975 1225478	5622	26830	81630	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 2102932	5915 6130837	38048	168569	472593	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	++++ 454680	517 1351344	6225	34008	96252	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 3228998	12607 9443384	64113	276192	737860	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	++++ 1067680	1936 3208338	16400	82415	233594	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 836738	3510 2396410	17109	71752	187832	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 4030225	14847 11499943	80141	337429	906751	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 717403	2305 2237847	13825	58604	156301	++++ 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.: 460-216635-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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-Chlorotoluene	DCBd 4	Ave	++++ 2778464	10943 8319166	54970	228717	619899	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 3396942	12213 9886501	64970	278872	756188	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 198565	670 579031	3978	17072	45104	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2817651	11009 8134740	52681	228368	621596	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	++++ 204631	189 644017	1735	11927	39108	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2549234	9635 7324306	46486	209577	565747	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2301077	9021 6555446	44568	193910	521875	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 3023621	9818 8738279	52486	233031	639182	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	++++ 1035669	1680 3163616	12363	66529	195255	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3633016	14758 10113977	68809	297039	794959	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1642154	6339 4671068	31206	134558	369280	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 3076905	10693 8770578	54513	245666	673695	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1673004	8470 4674539	35091	143873	380084	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 3092023	10802 8834776	56346	245455	670779	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 3033315	11104 8380343	57031	247343	669740	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Qua2	++++ 268300	321 850576	2923	15569	48424	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1617831	5328 4548722	27421	122626	343584	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 2964654	10404 8192713	53877	226033	629710	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1652273	6656 4531871	31381	134524	365424	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2925186	9830 8145875	48700	231706	637766	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 141172	374 403654	2304	11564	31232	++++ 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.: 460-216635-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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	++++ 1233706	5503 3371079	23131	102998	279540	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1092552	4086 3012061	21503	92866	252221	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 385966	1825 1016581	8247	33445	89286	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2317587	6863 6481265	40378	199924	531313	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 974994	4447 2654121	20926	85825	223239	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	134026 154205	135665 177838	136439	137859	142358	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	154902 189891	151167 240617	159309	166387	166791	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	486379 595123	490691 653868	496544	513010	548701	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	152331 196751	156314 221083	167254	173964	182918	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Qua2 = Quadratic 1/conc^2 ISTD QuaF = Quadratic ISTD forced zero</p>
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Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 09-Jul-2020 04:40:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0112940-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:42:59 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: baronm

Date: 09-Jul-2020 10:07:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.900	0.900	0.000	83	884	0.2500	0.2405	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	215513	1000.0	1000.0	
39 Acrylonitrile	53	2.175	2.168	0.007	96	1852	2.00	2.15	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	134026	50.0	53.1	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	226009	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	154902	50.0	51.2	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	539897	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19760	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	98	486379	50.0	49.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	402725	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	91	152331	50.0	47.3	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	97	211465	50.0	50.0	

Reagents:

8260MIX1COMB_00120	Amount Added: 0.00	Units: uL	
ACROLEIN W_00108	Amount Added: 0.00	Units: uL	
GASES Li_00376	Amount Added: 2.50	Units: uL	
GAS Hi_00365	Amount Added: 0.00	Units: uL	
524freon_00024	Amount Added: 0.00	Units: uL	
8FreonHi_00020	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00075	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00100	Amount Added: 0.00	Units: uL	
MIX I Hi_00127	Amount Added: 0.00	Units: uL	
Ethanol mix_00041	Amount Added: 0.00	Units: uL	
14DIOXINTER_00116	Amount Added: 0.00	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\CVOAMS13\20200709-112940.b\IP76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

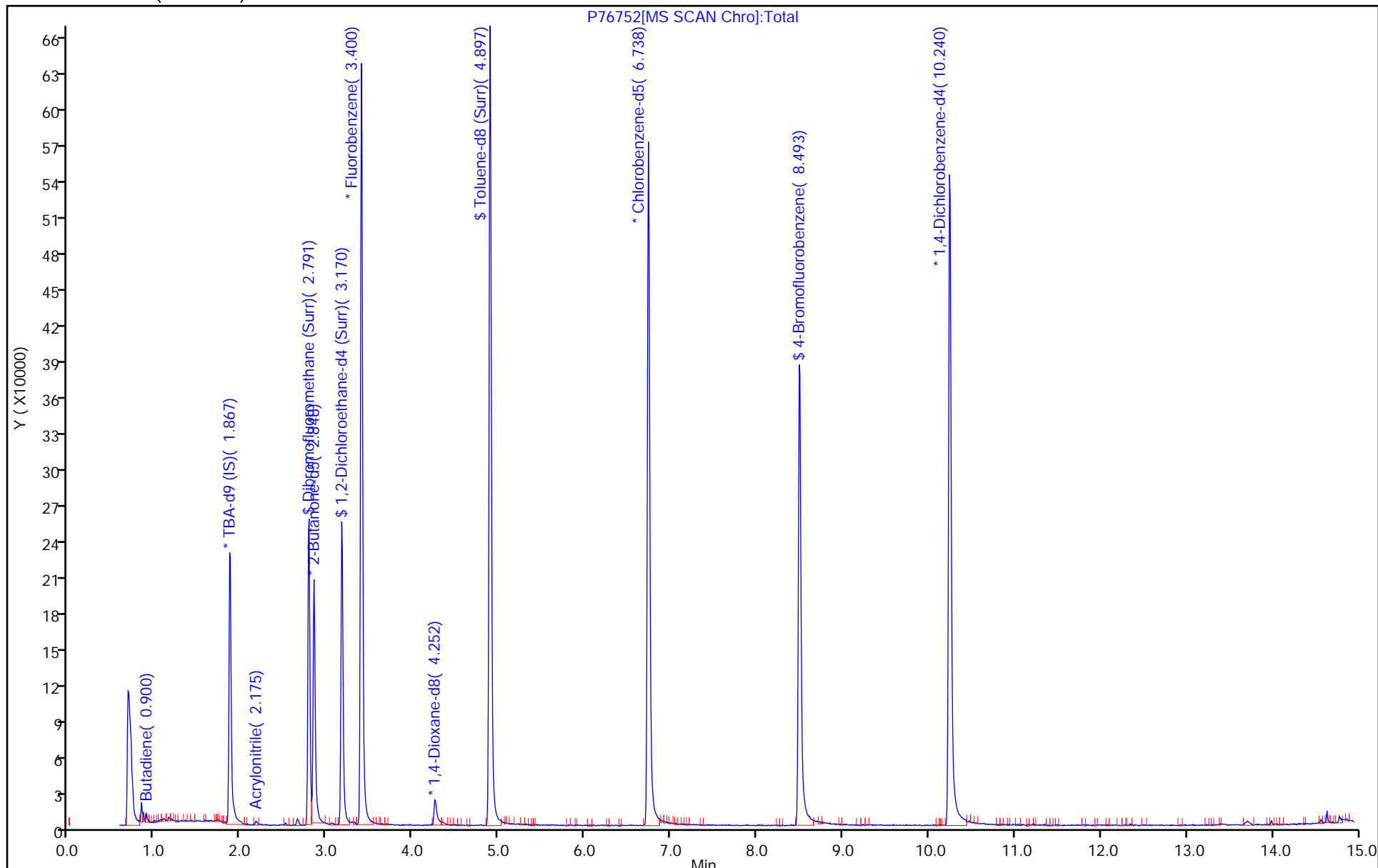
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

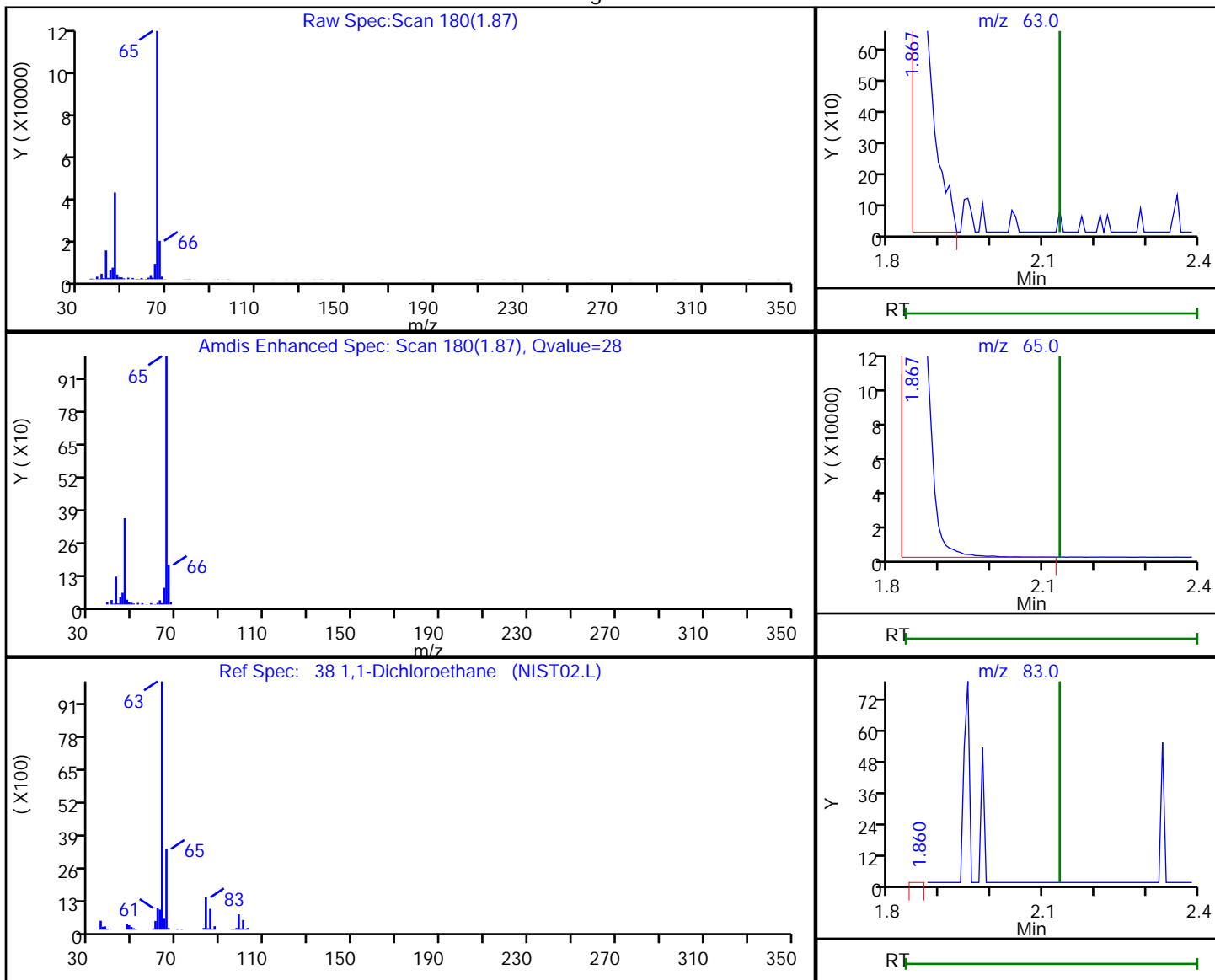


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
1.87	63.00	1520	0.296443
1.87	65.00	219404	
1.86	83.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

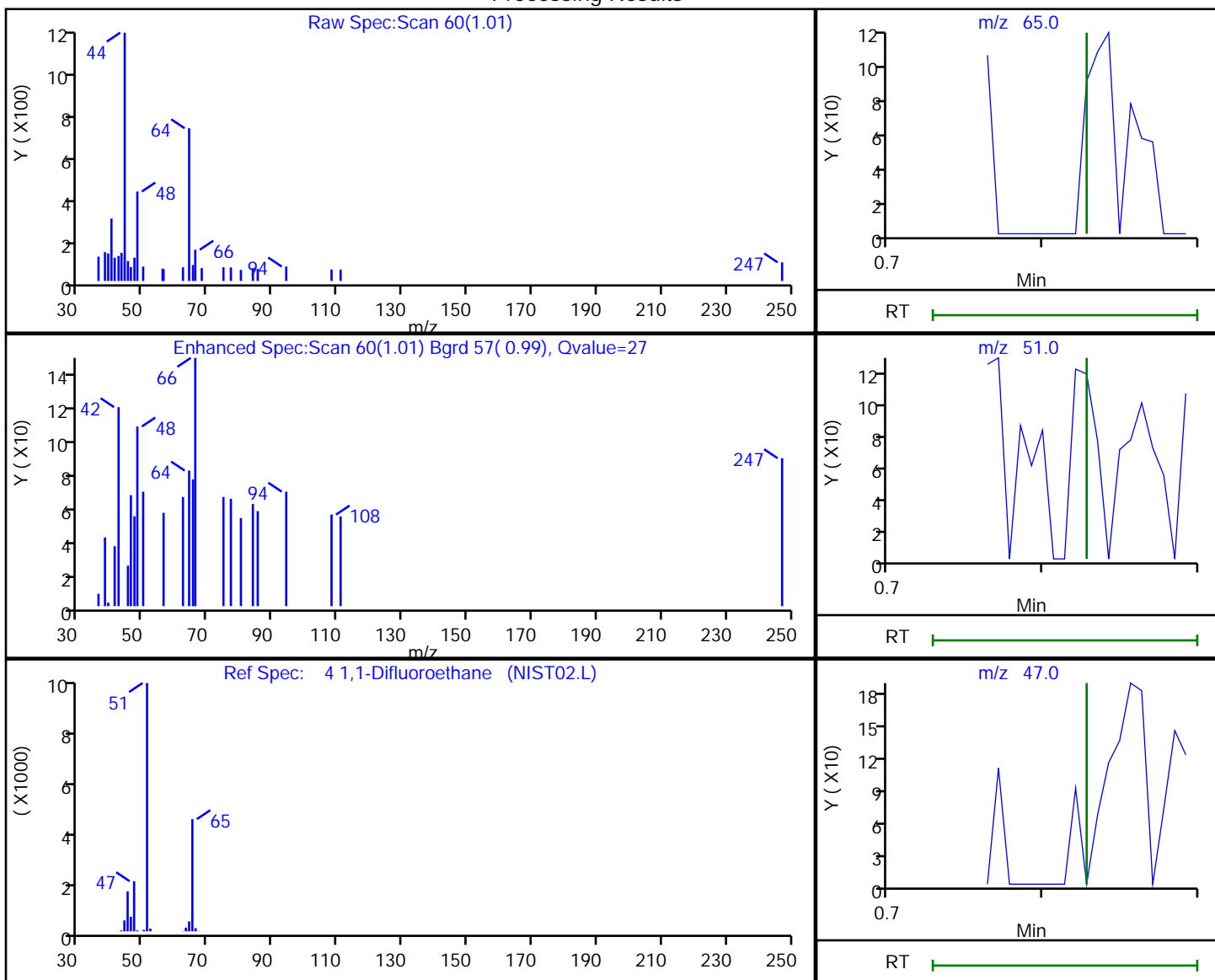
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.01	65.00	53	0.036902
1.00	51.00	33	
1.01	47.00	148	

Reviewer: baronm, 09-Jul-2020 10:03:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

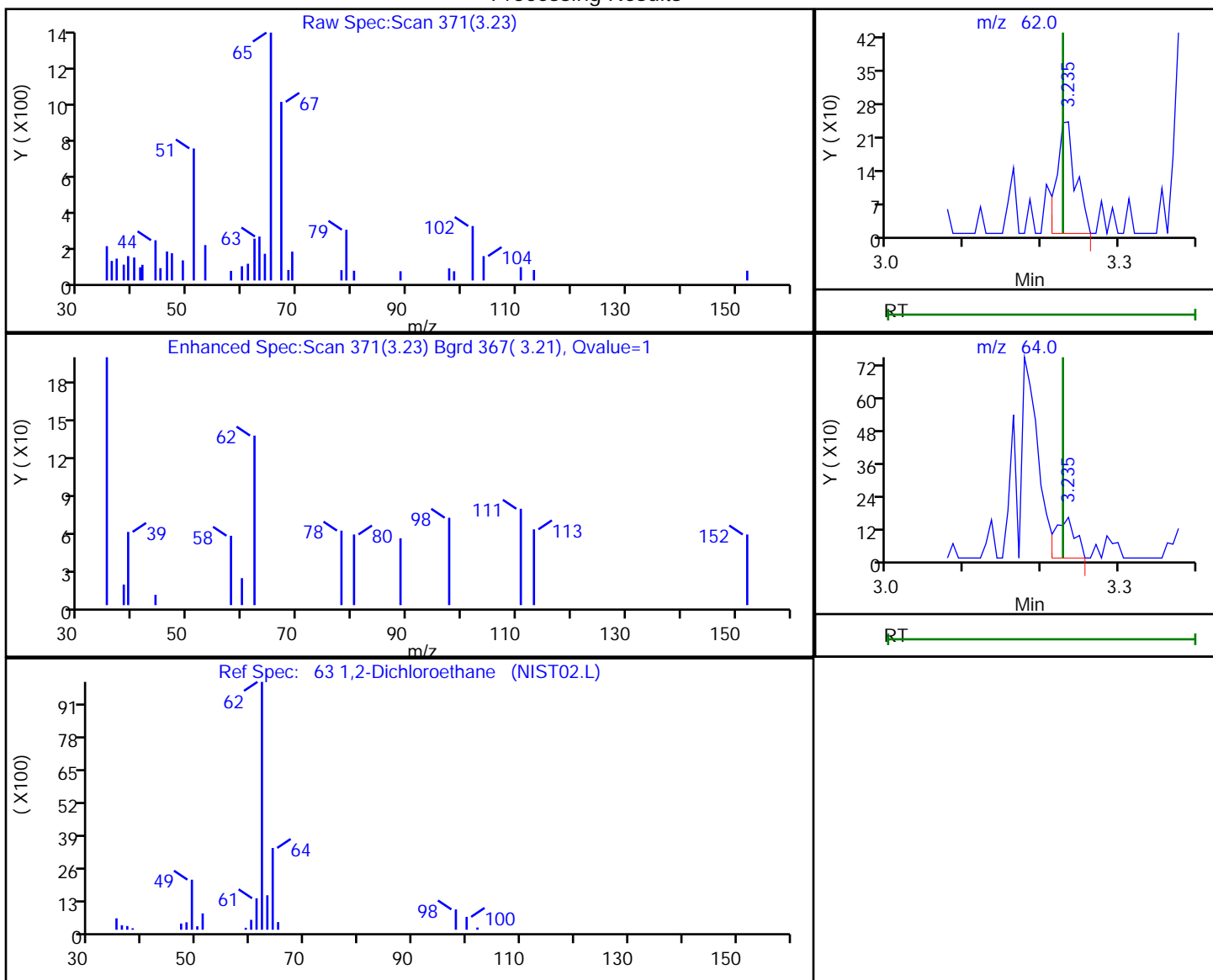
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.23	62.00	400	0.109733
3.23	64.00	272	

Reviewer: baronm, 09-Jul-2020 10:06:27

Audit Action: Marked Compound Undetected

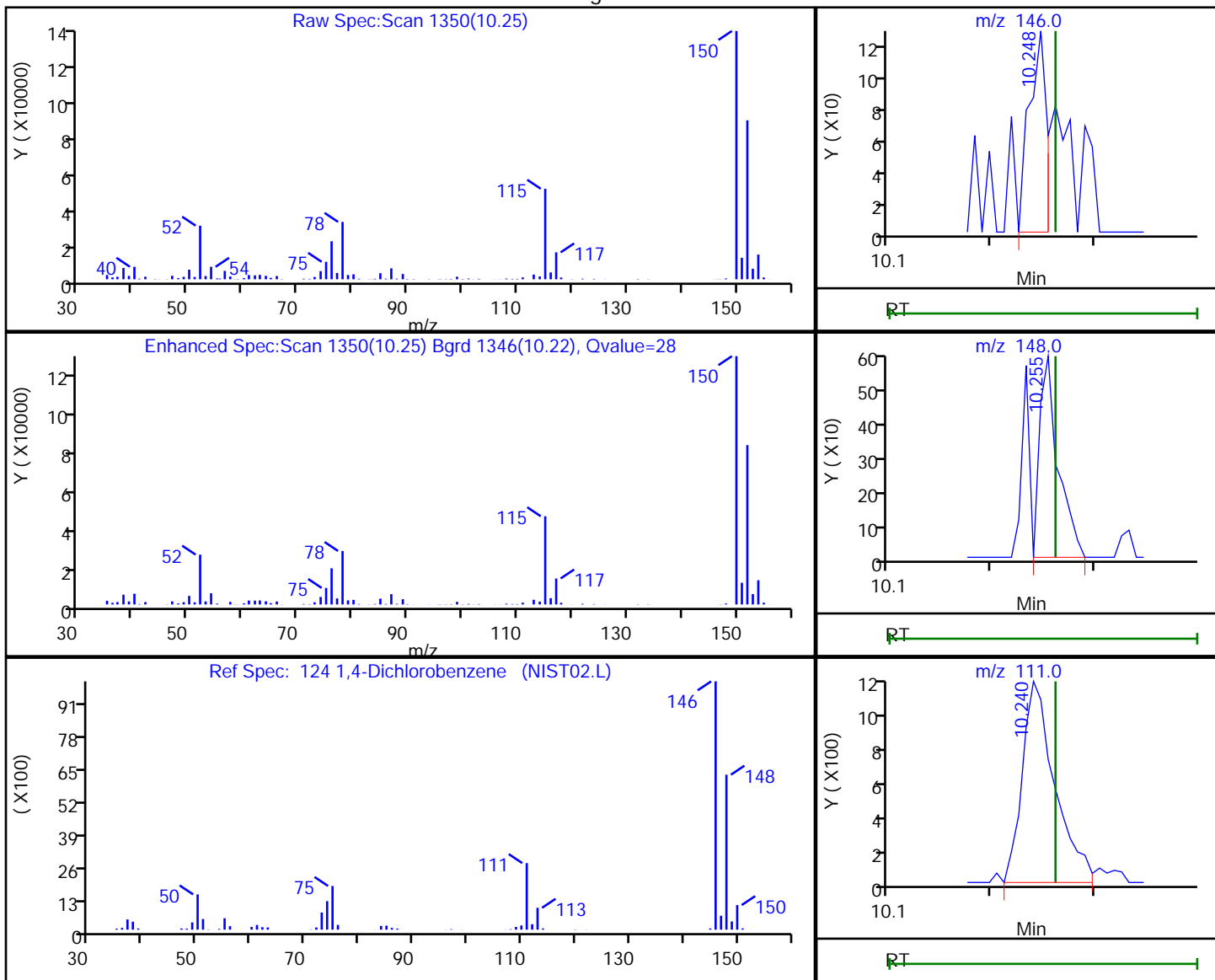
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.25	146.00	151	0.023872
10.25	148.00	748	
10.24	111.00	2557	

Reviewer: baronm, 09-Jul-2020 10:07:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

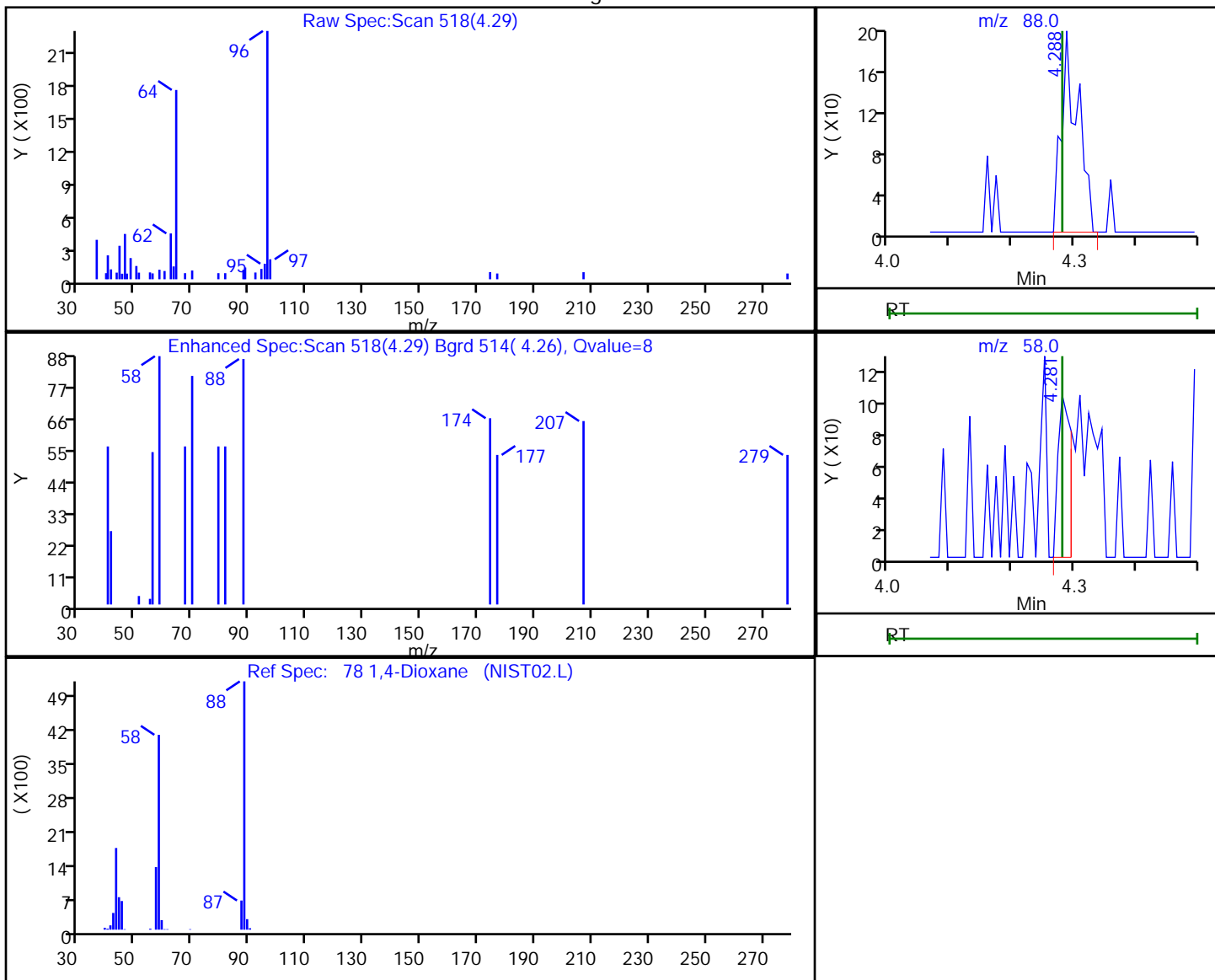
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
4.29	88.00	363	16.137432
4.28	58.00	142	

Reviewer: baronm, 09-Jul-2020 10:06:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\176752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

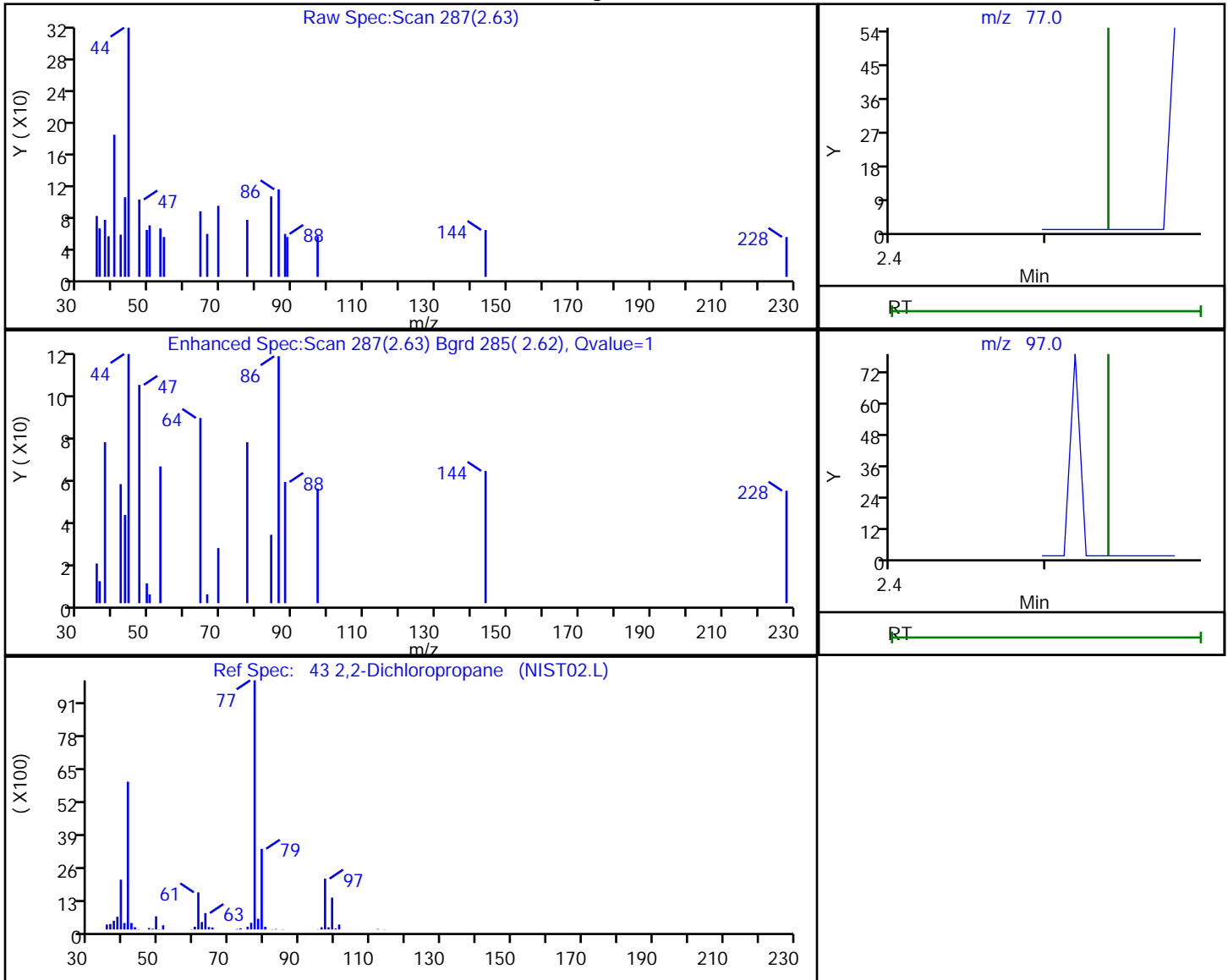
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.63	77.00	31	0.008774
2.63	97.00	44	

Reviewer: baronm, 09-Jul-2020 10:06:07

Audit Action: Marked Compound Undetected

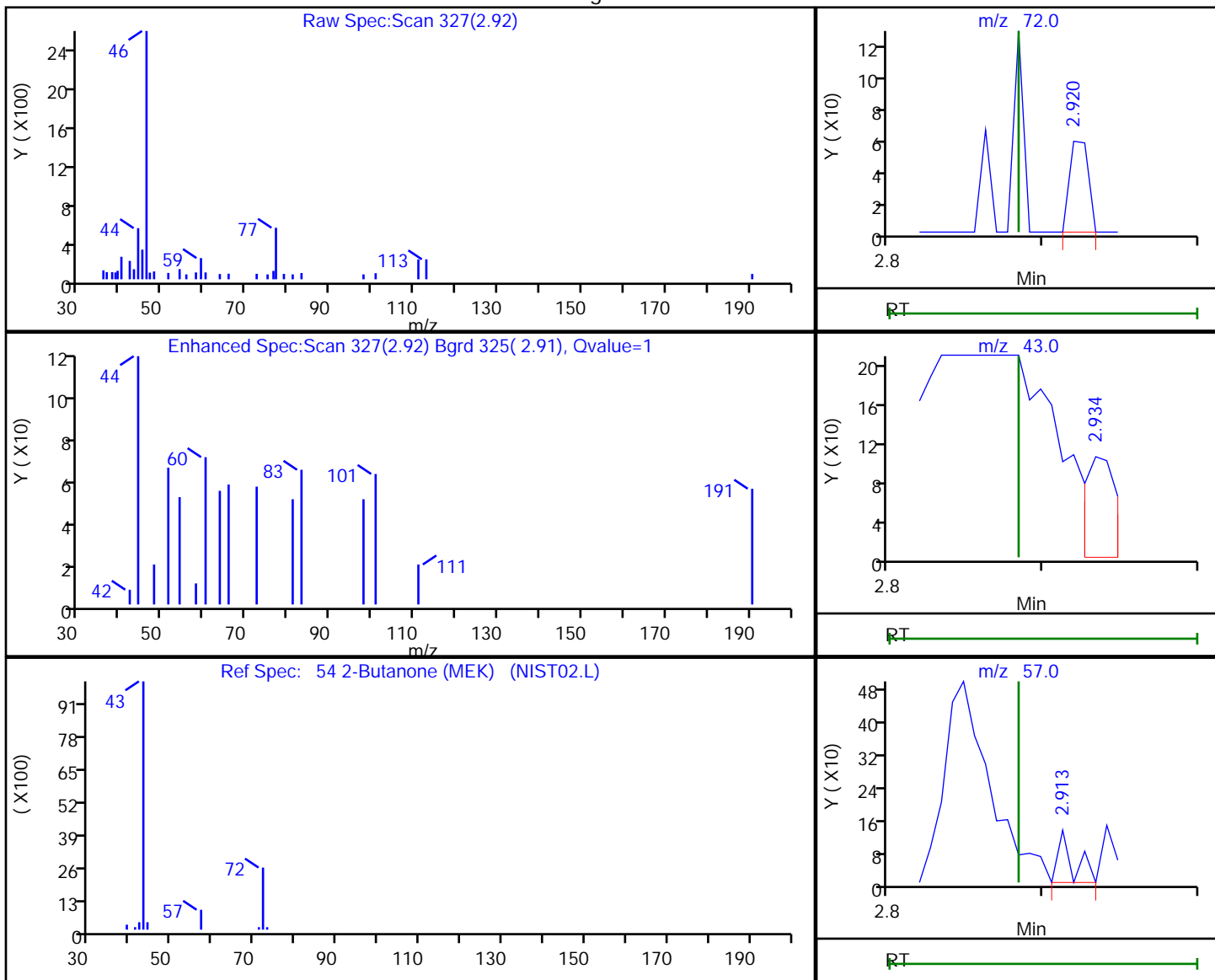
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.92	72.00	48	0.165772
2.93	43.00	143	
2.91	57.00	89	

Reviewer: baronm, 09-Jul-2020 10:06:13

Audit Action: Marked Compound Undetected

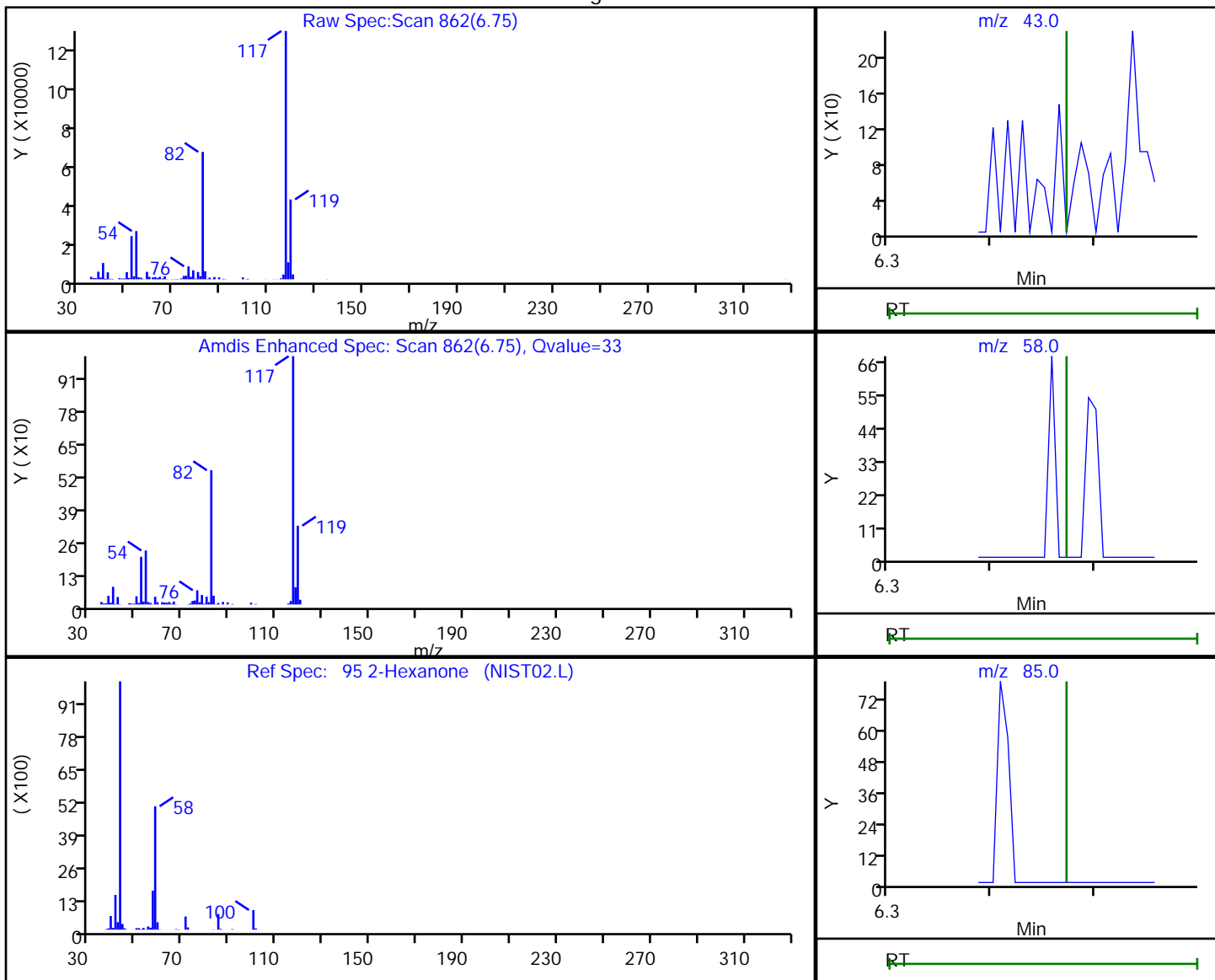
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.75	43.00	323	0.221760
6.74	58.00	11782	
6.74	85.00	2159	
6.76	100.00	52	

Reviewer: baronm, 09-Jul-2020 10:07:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

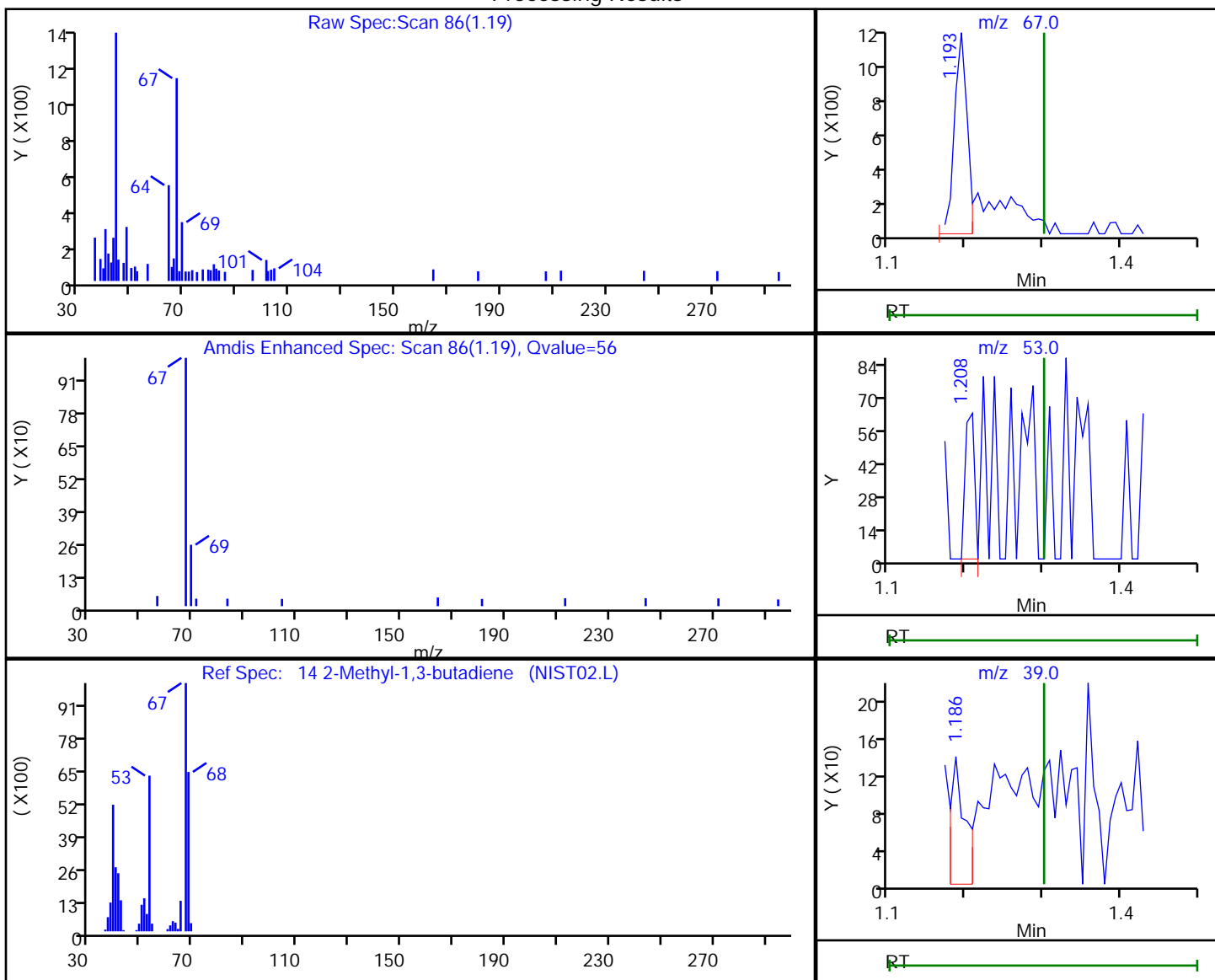
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.19	67.00	1314	0.251379
1.21	53.00	52	
1.19	39.00	179	

Reviewer: baronm, 09-Jul-2020 10:04:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

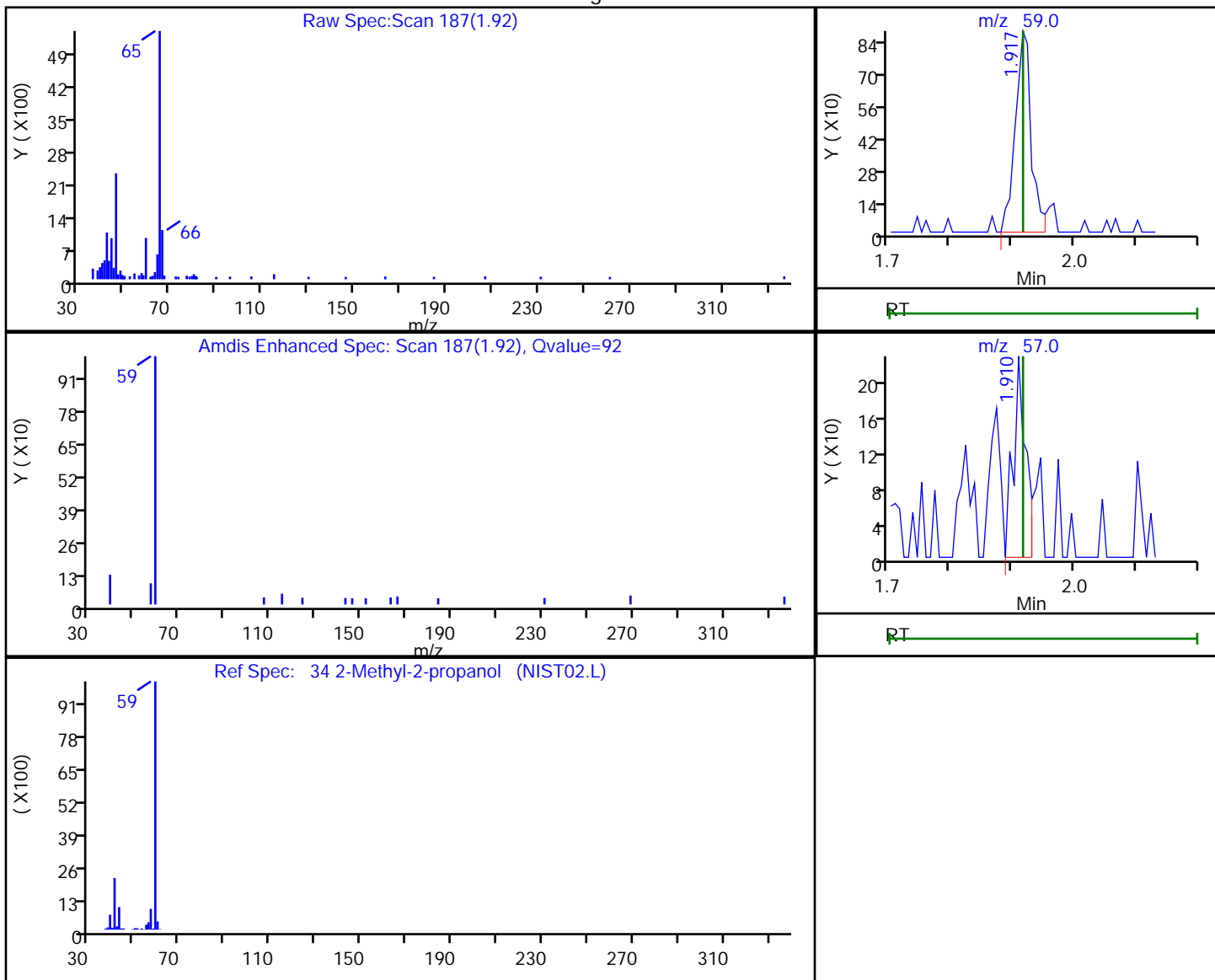
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
1.92	59.00	1580	1.458438
1.91	57.00	320	

Reviewer: baronm, 09-Jul-2020 10:05:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

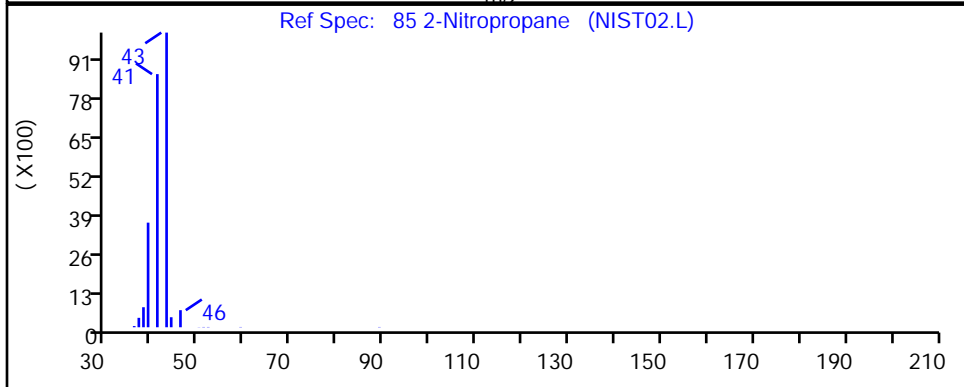
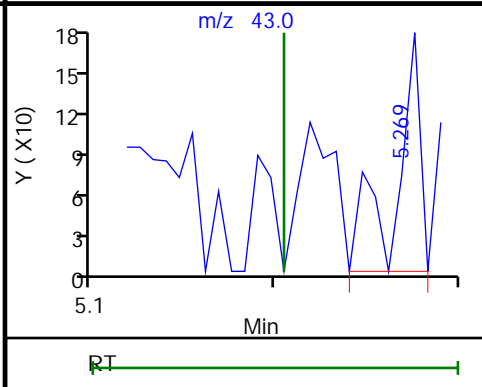
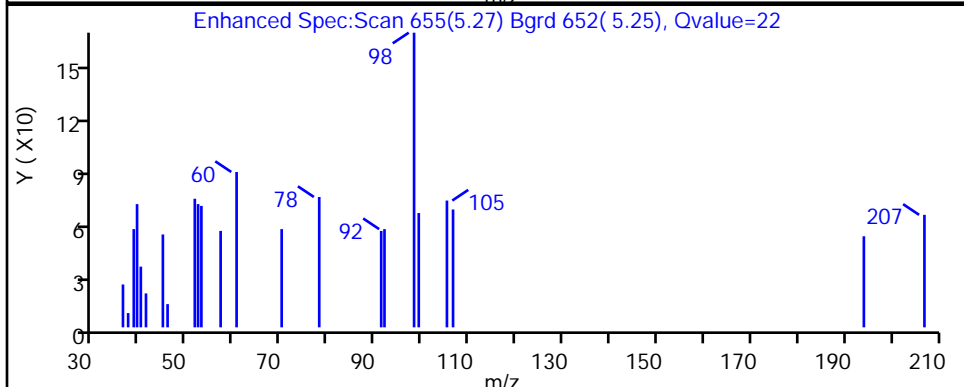
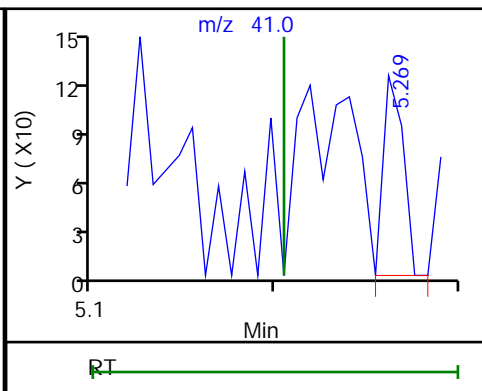
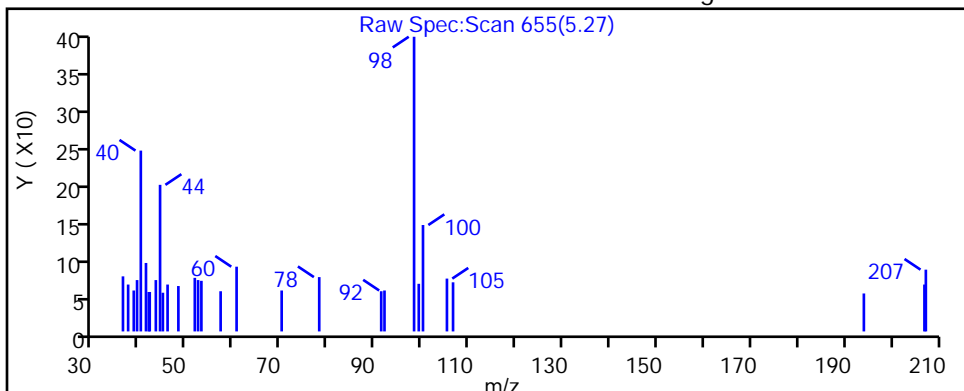
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.27	41.00	92	0.176710
5.27	43.00	158	

Reviewer: baronm, 09-Jul-2020 10:06:52

Audit Action: Marked Compound Undetected

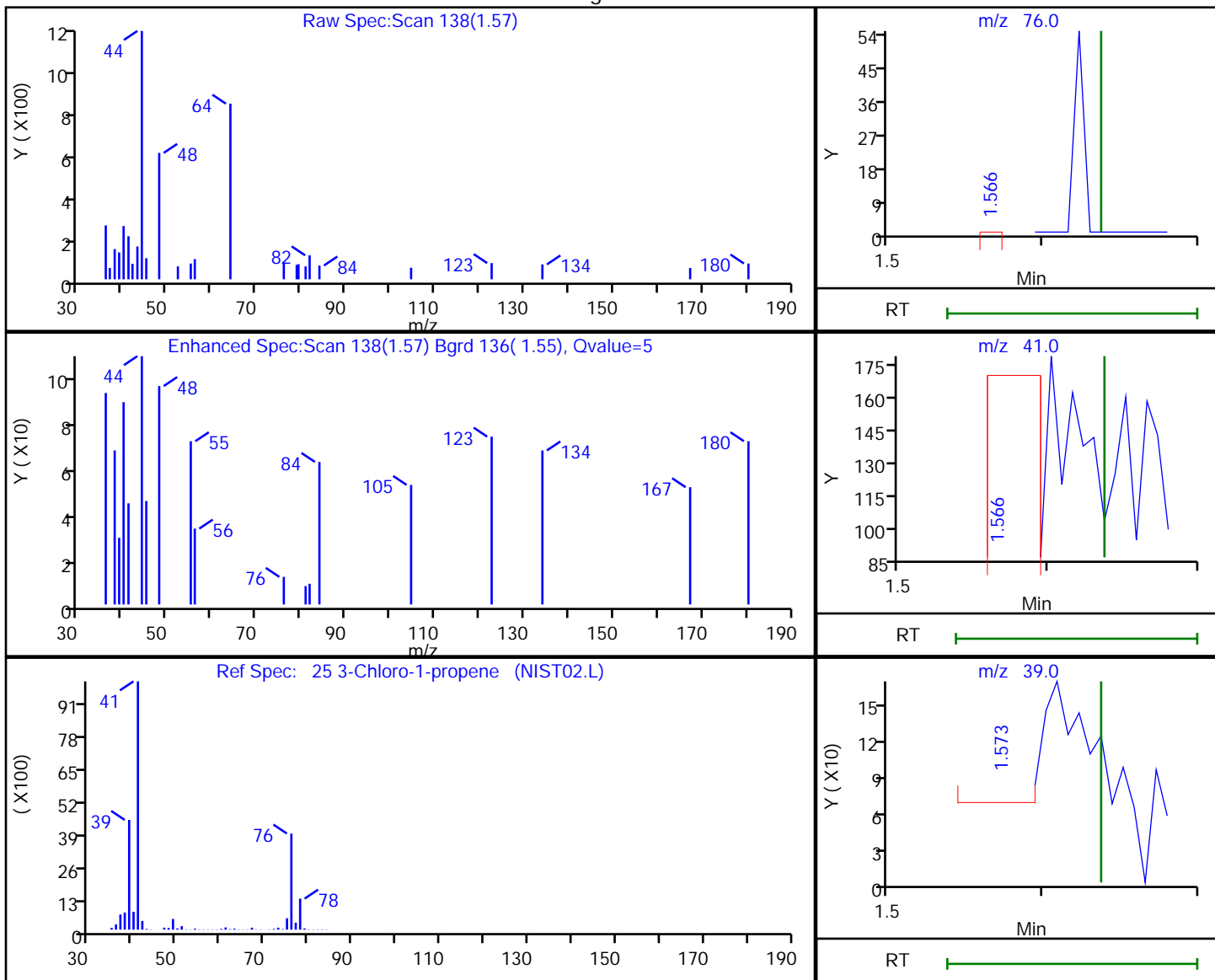
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.57	76.00	31	0.017328
1.57	41.00	341	
1.57	39.00	126	

Reviewer: baronm, 09-Jul-2020 10:04:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

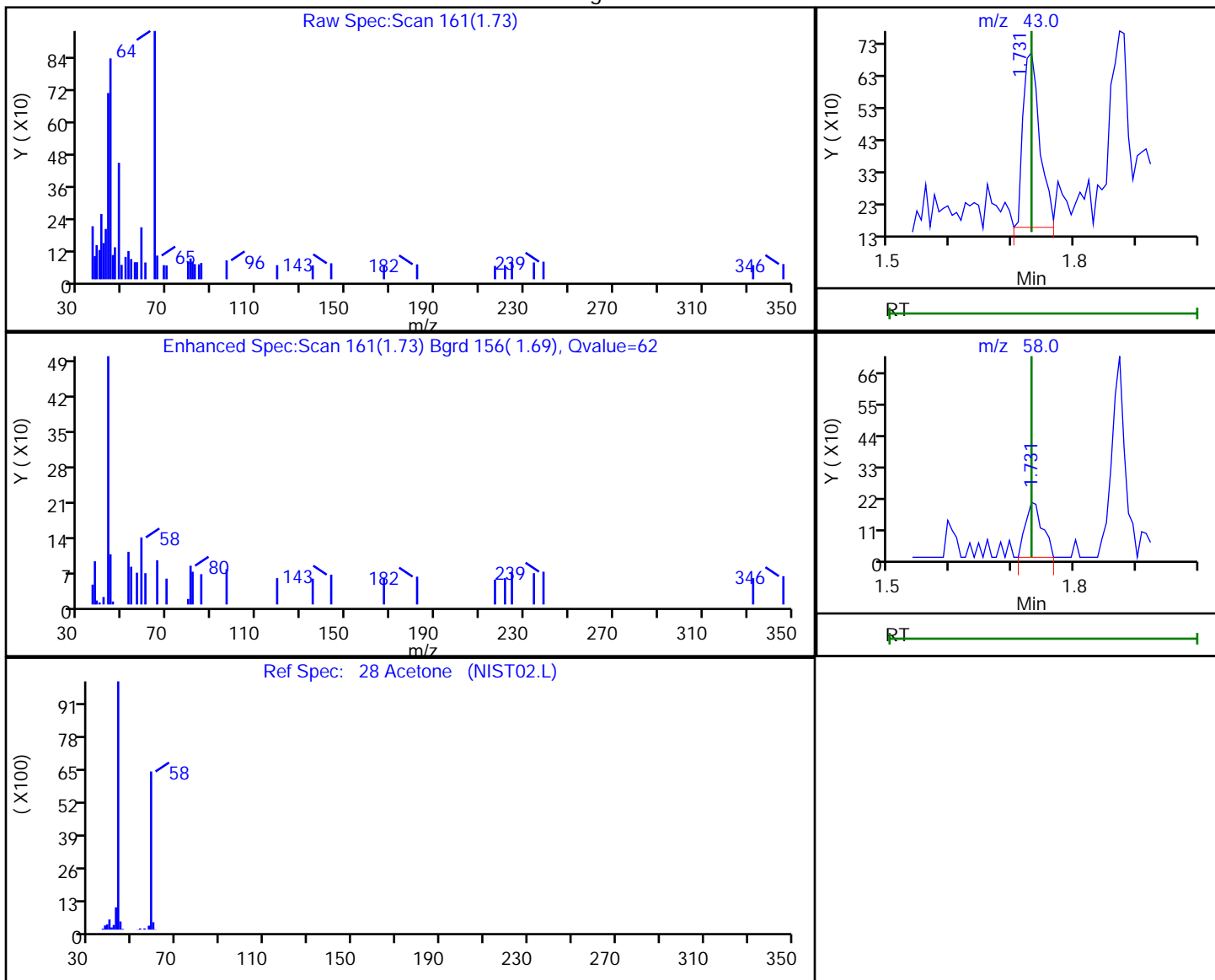
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

28 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.73	43.00	1043	1.047880
1.73	58.00	376	

Reviewer: baronm, 09-Jul-2020 10:04:38

Audit Action: Marked Compound Undetected

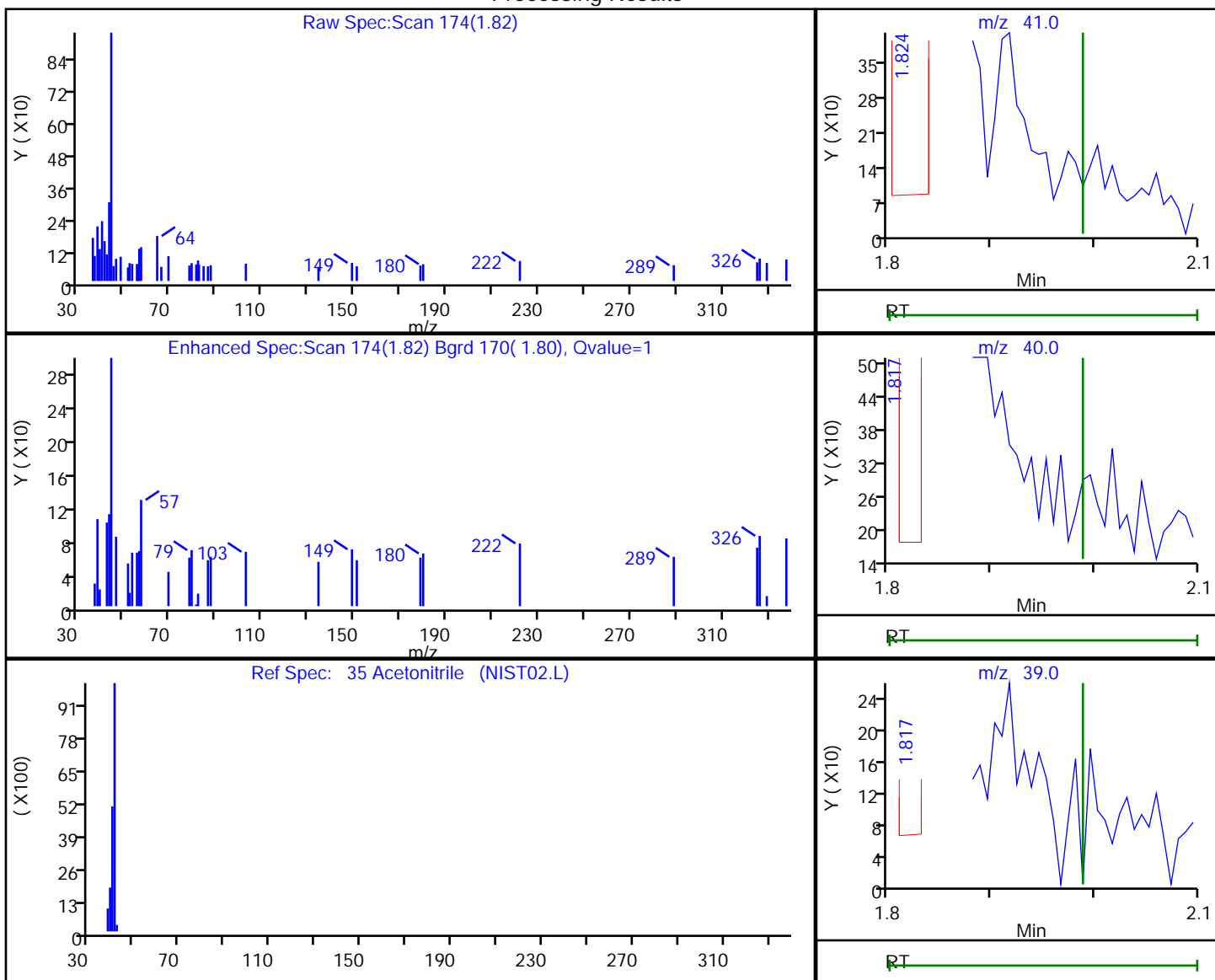
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.82	41.00	81	0.253722
1.82	40.00	163	
1.82	39.00	89	
1.82	38.00	64	

Reviewer: baronm, 09-Jul-2020 10:05:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

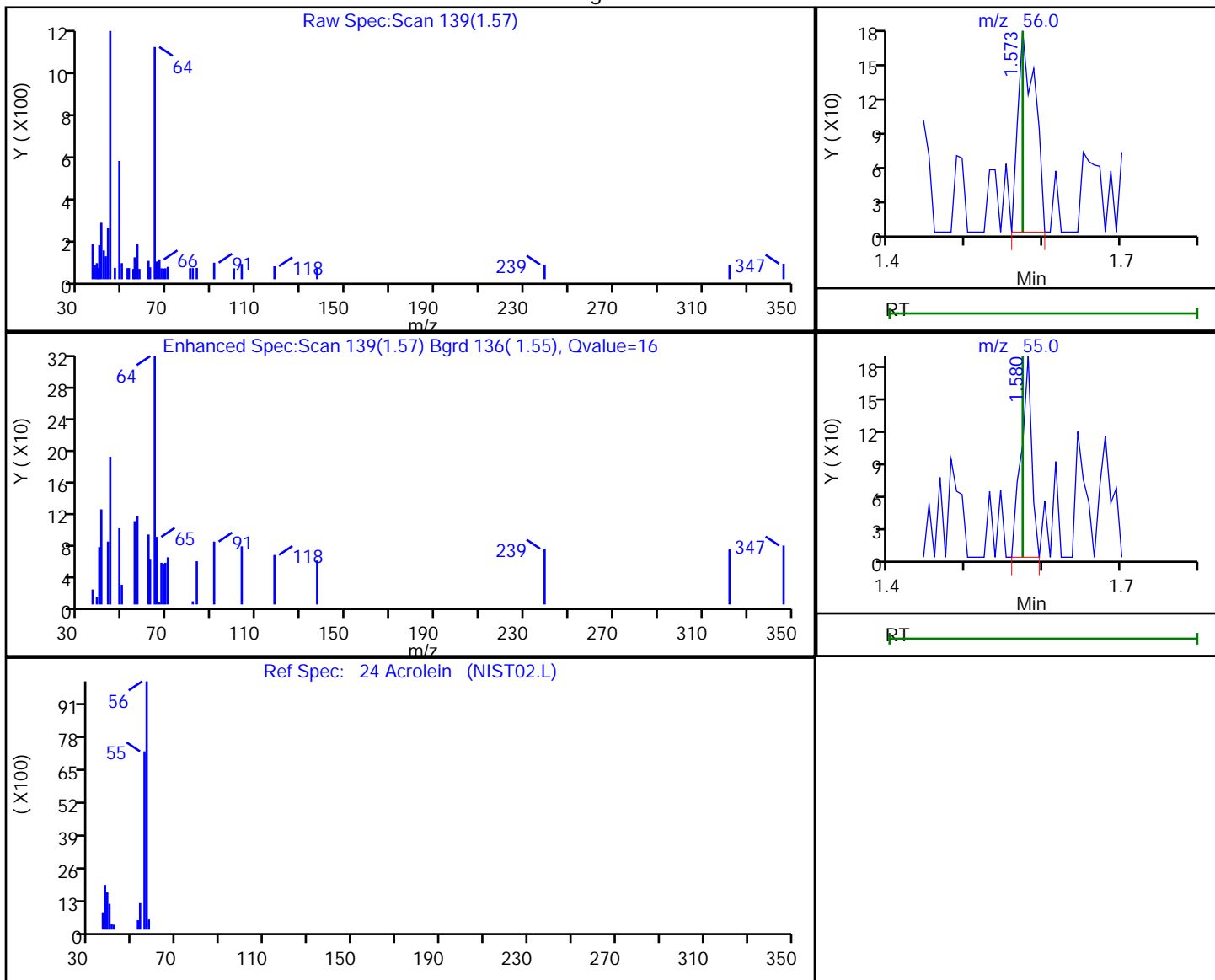
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.57	56.00	260	0.840547
1.58	55.00	180	

Reviewer: baronm, 09-Jul-2020 10:04:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

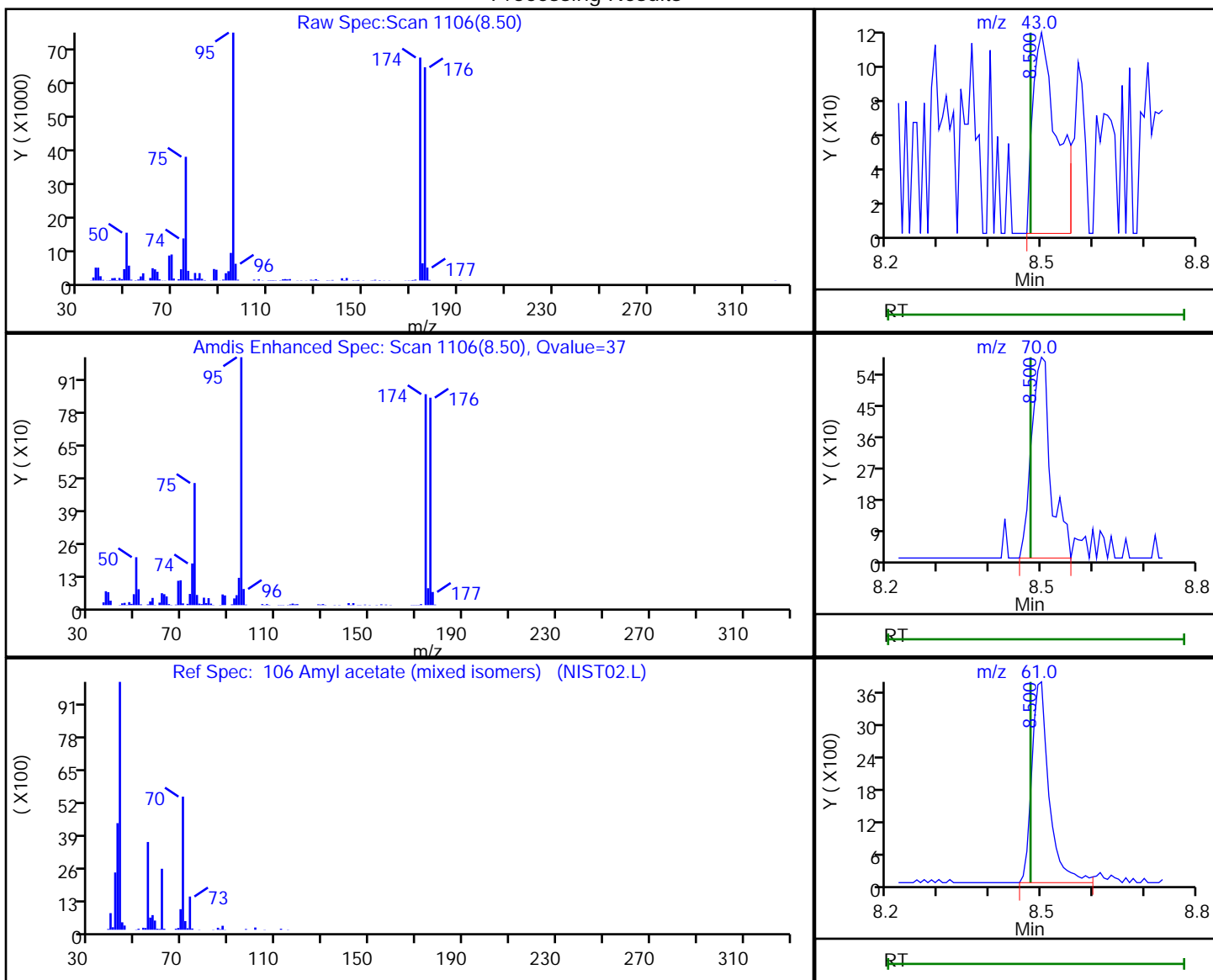
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.50	43.00	373	0.096977
8.50	70.00	1524	
8.50	61.00	8722	

Reviewer: baronm, 09-Jul-2020 10:07:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

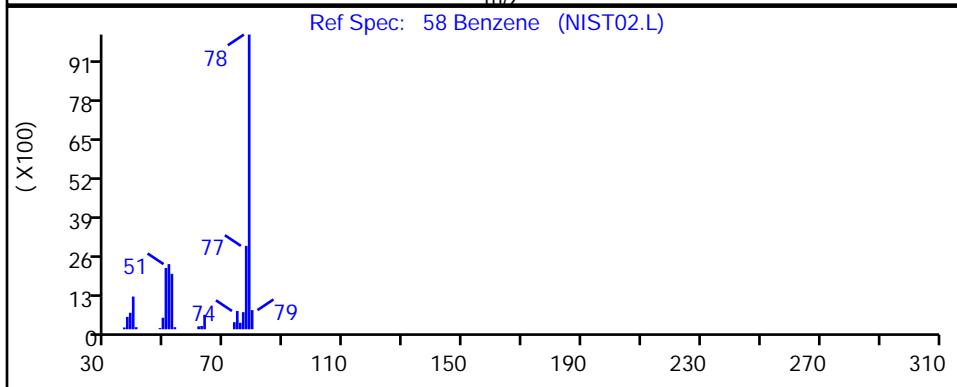
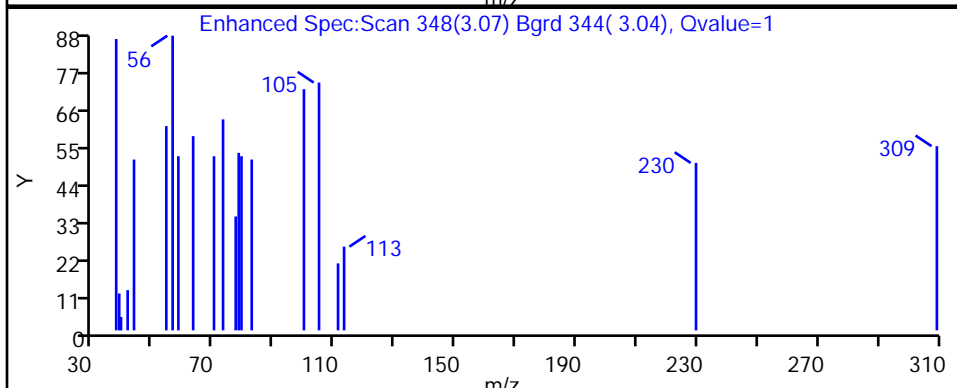
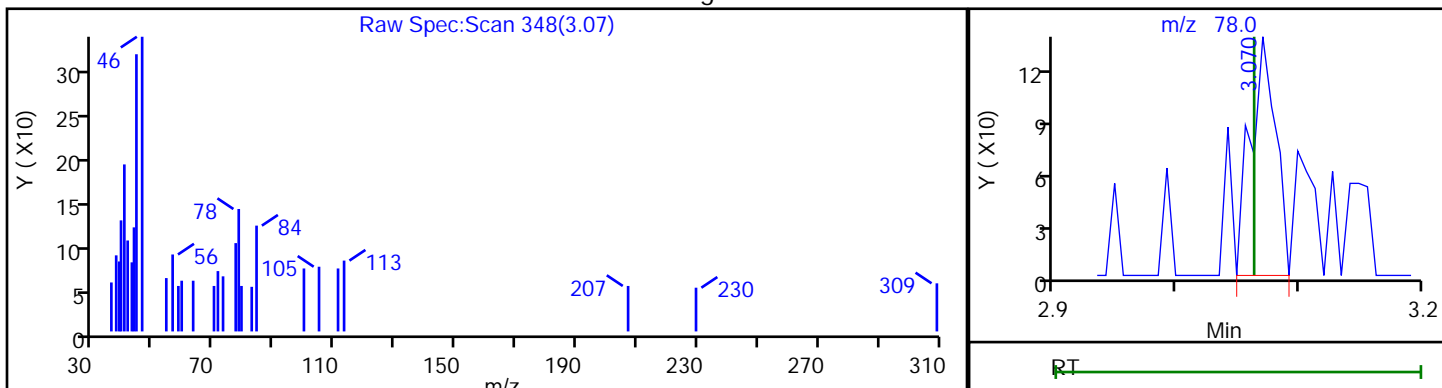
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.07	78.00	202	0.016919

Reviewer: baronm, 09-Jul-2020 10:06:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

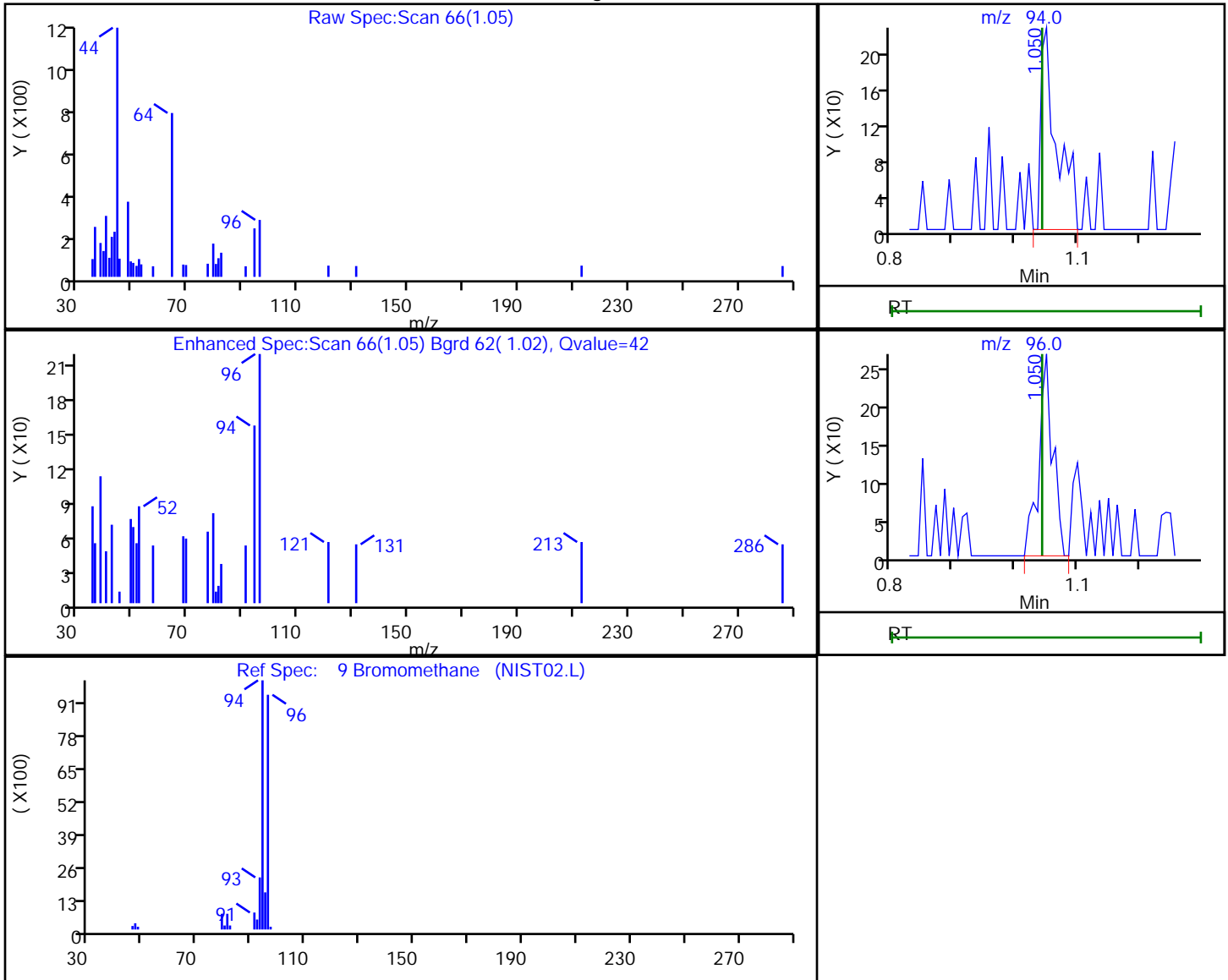
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.05	94.00	405	0.265832
1.05	96.00	420	

Reviewer: baronm, 09-Jul-2020 10:03:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

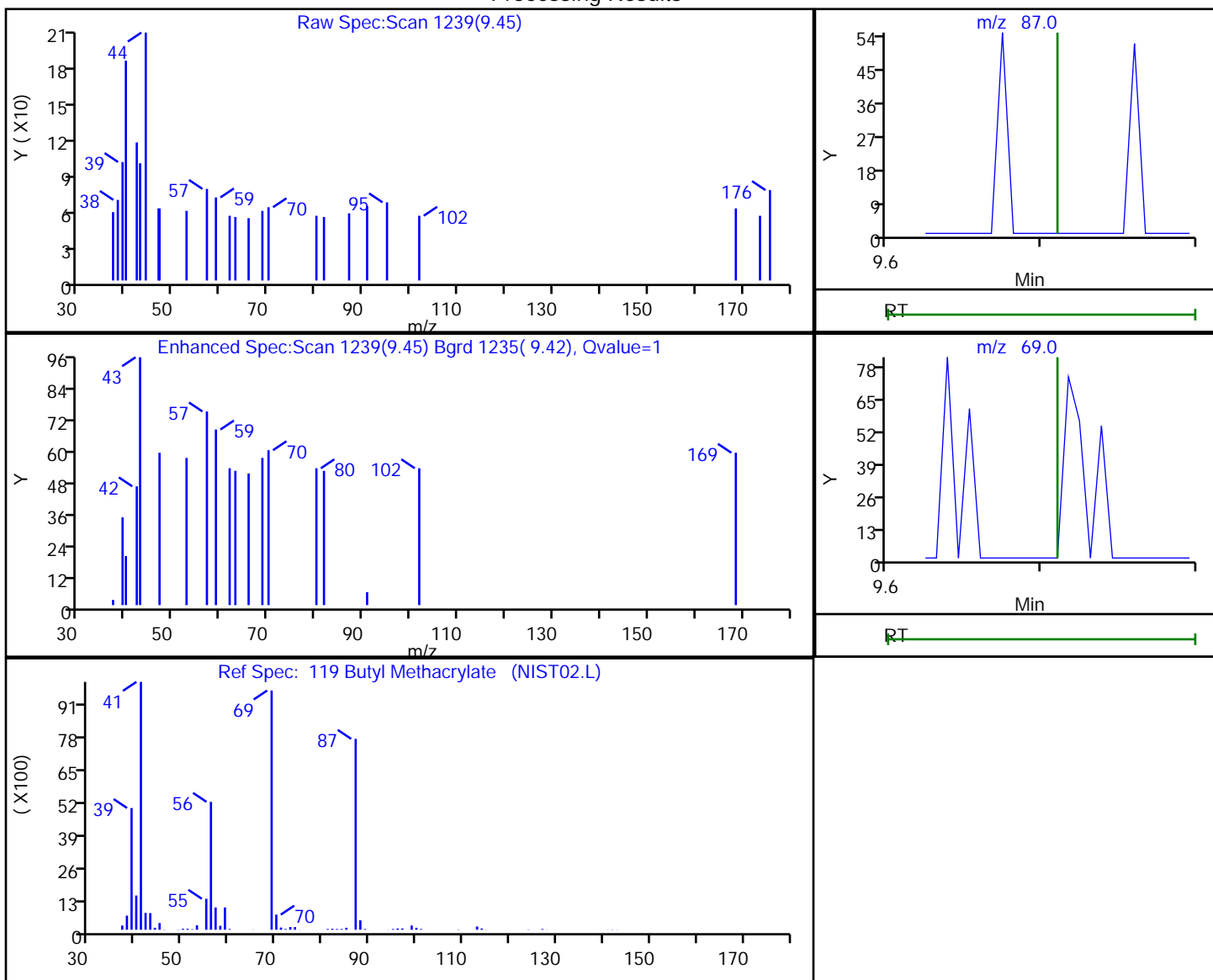
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

119 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
9.45	87.00	46	0.012767
9.45	69.00	49	

Reviewer: baronm, 09-Jul-2020 10:07:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

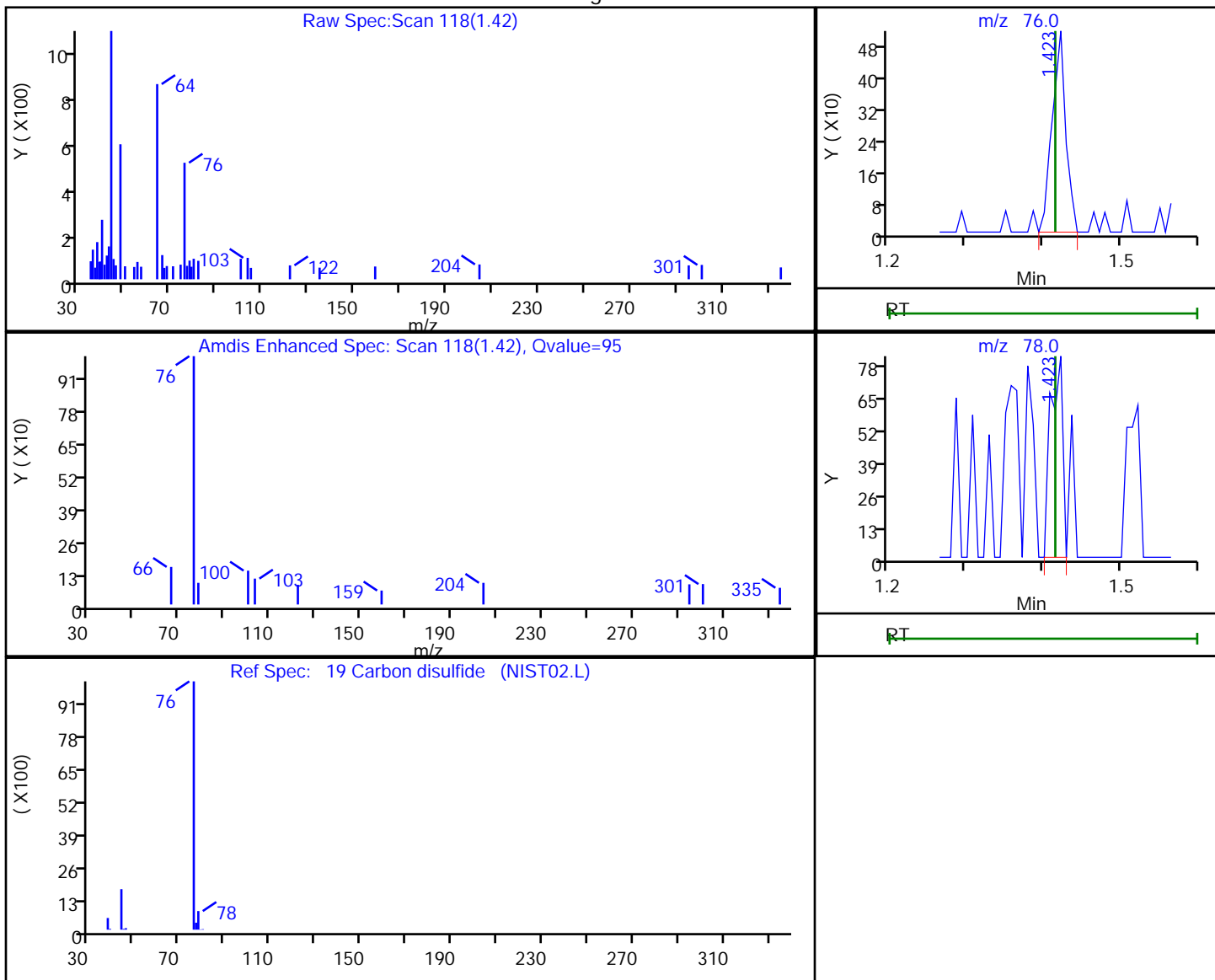
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.42	76.00	630	0.058744
1.42	78.00	90	

Reviewer: baronm, 09-Jul-2020 10:04:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

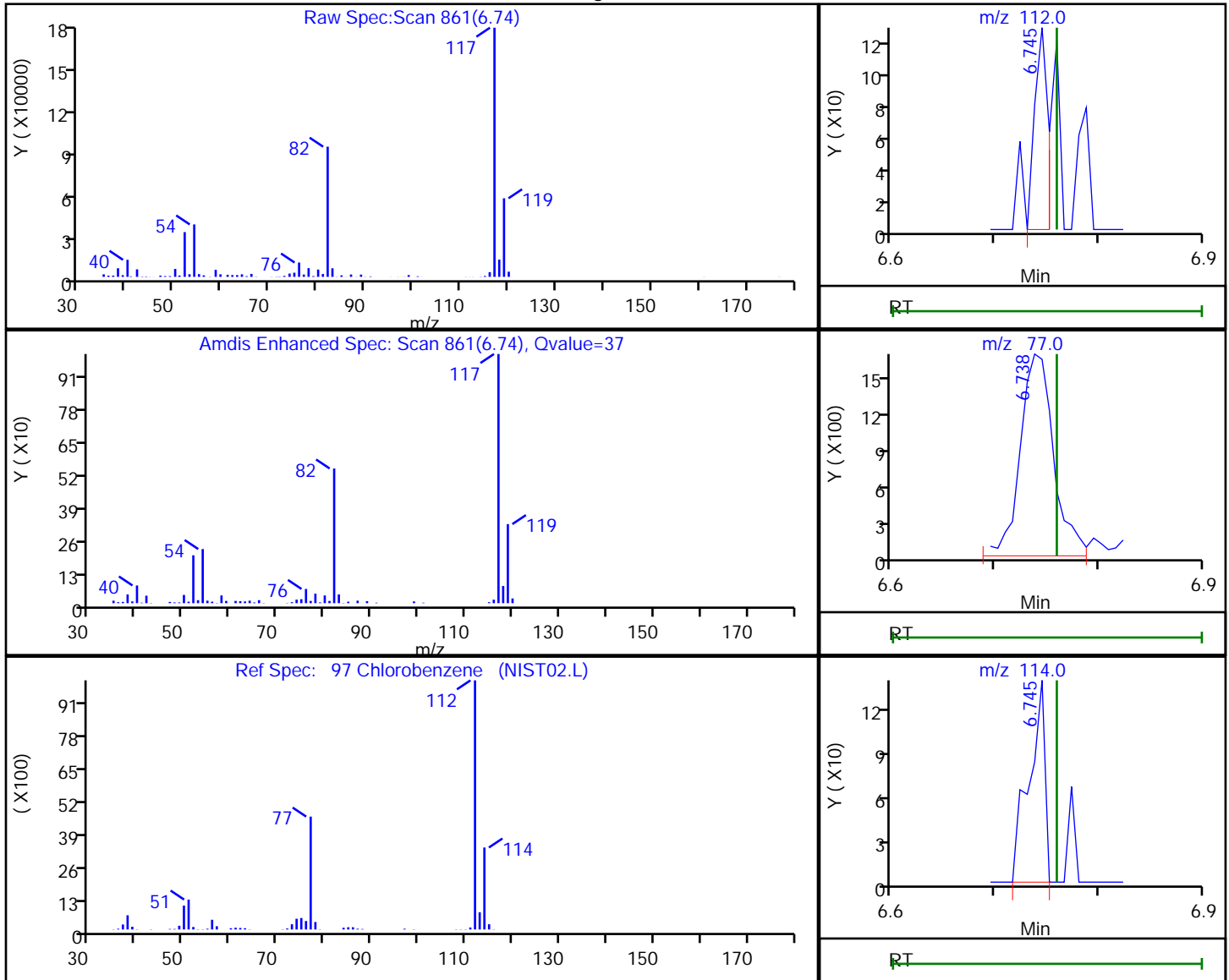
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
6.74	112.00	114	0.015165
6.74	77.00	3679	
6.74	114.00	140	

Reviewer: baronm, 09-Jul-2020 10:07:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

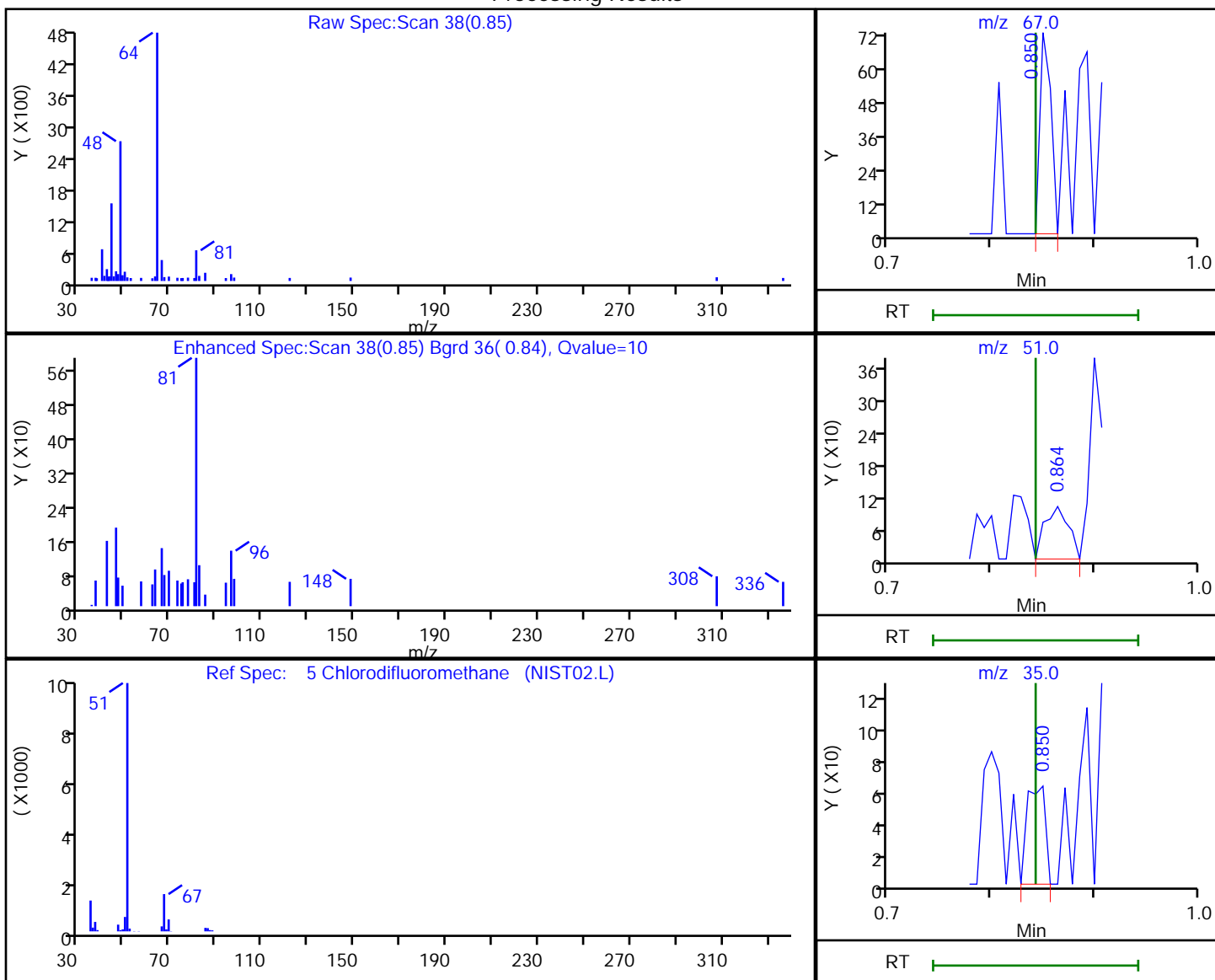
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
0.85	67.00	54	0.126913
0.86	51.00	155	
0.85	35.00	74	

Reviewer: baronm, 09-Jul-2020 10:03:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

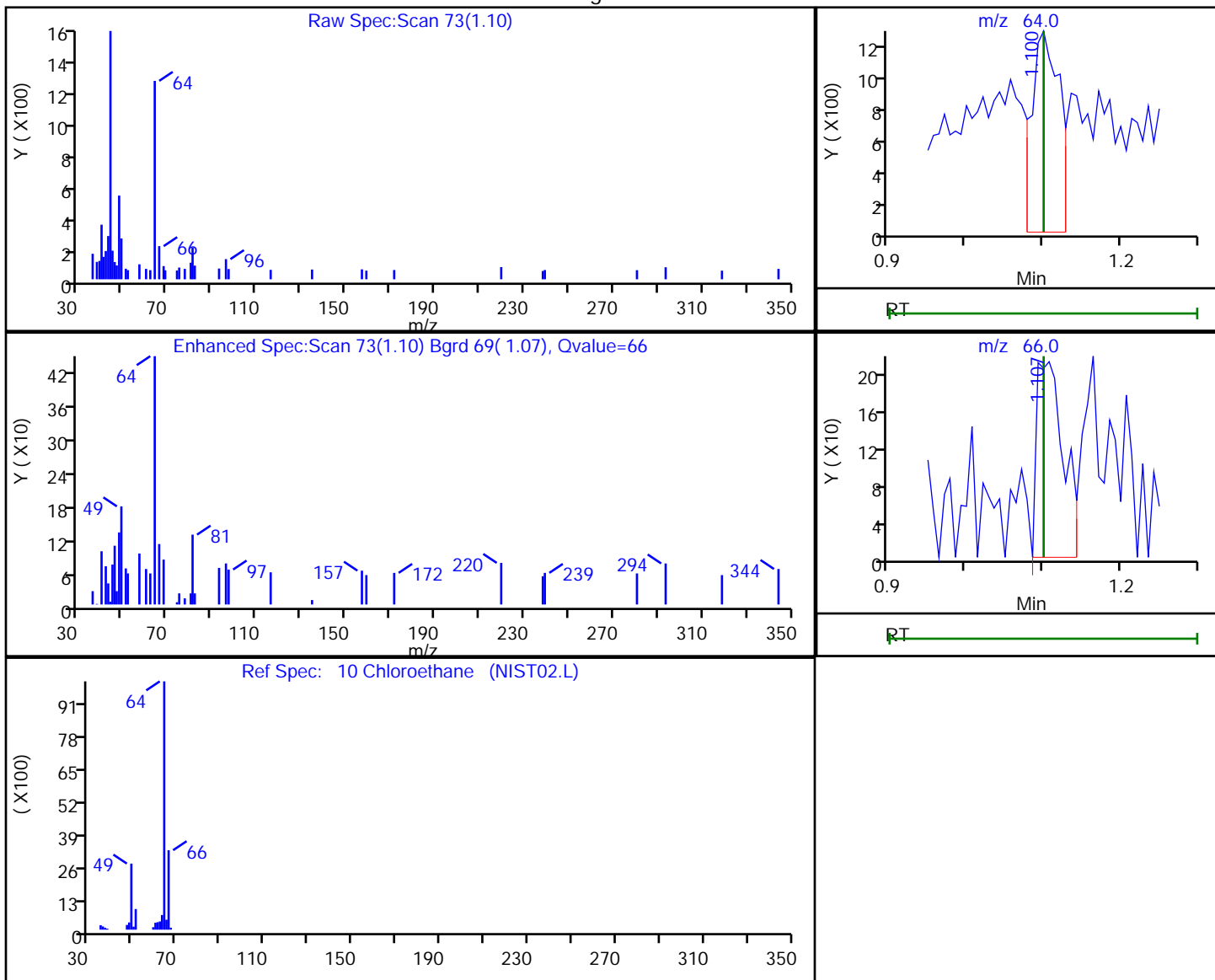
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.10	64.00	3162	0.816683
1.11	66.00	515	

Reviewer: baronm, 09-Jul-2020 10:04:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

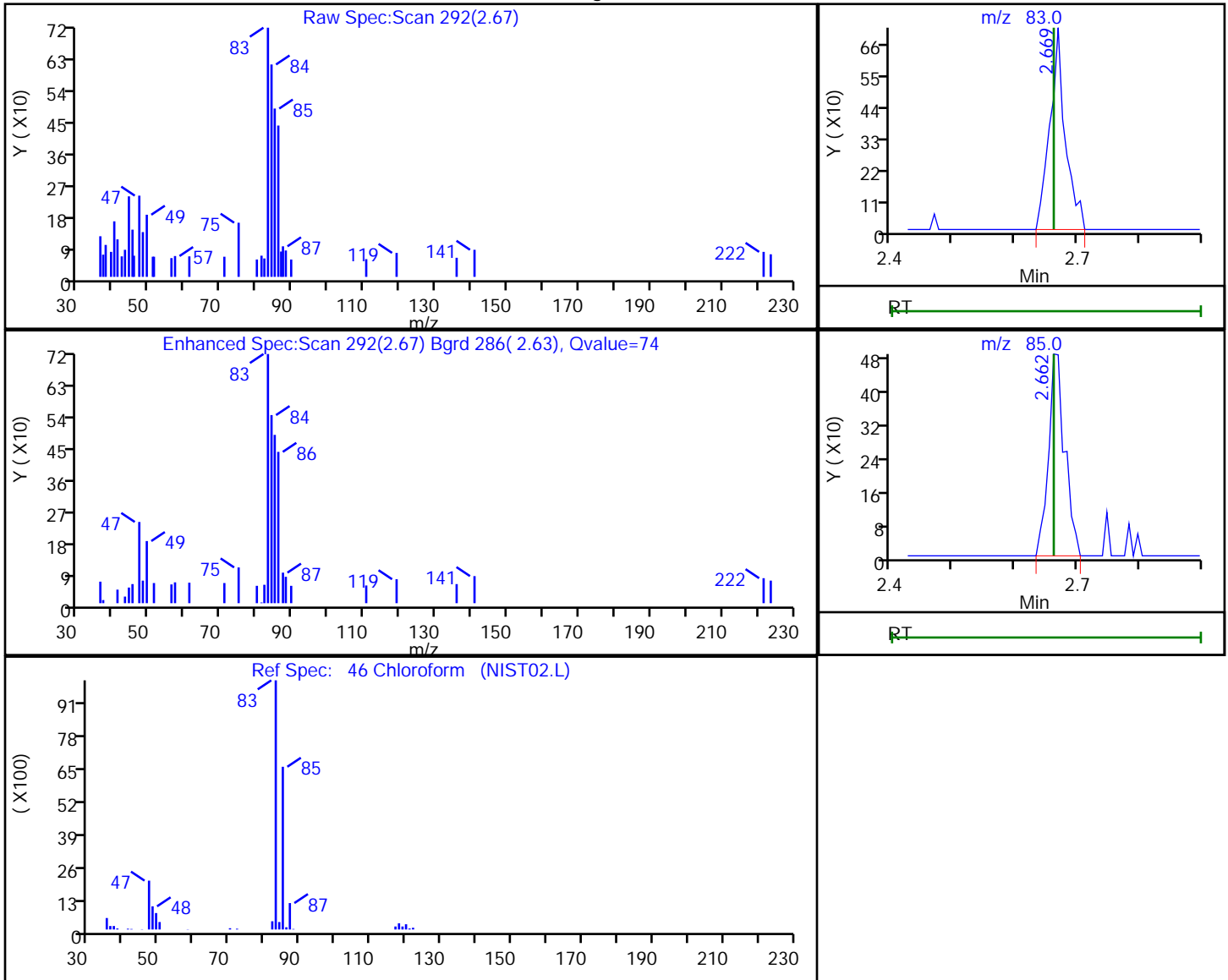
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
2.67	83.00	1244	0.249400
2.66	85.00	891	

Reviewer: baronm, 09-Jul-2020 10:06:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

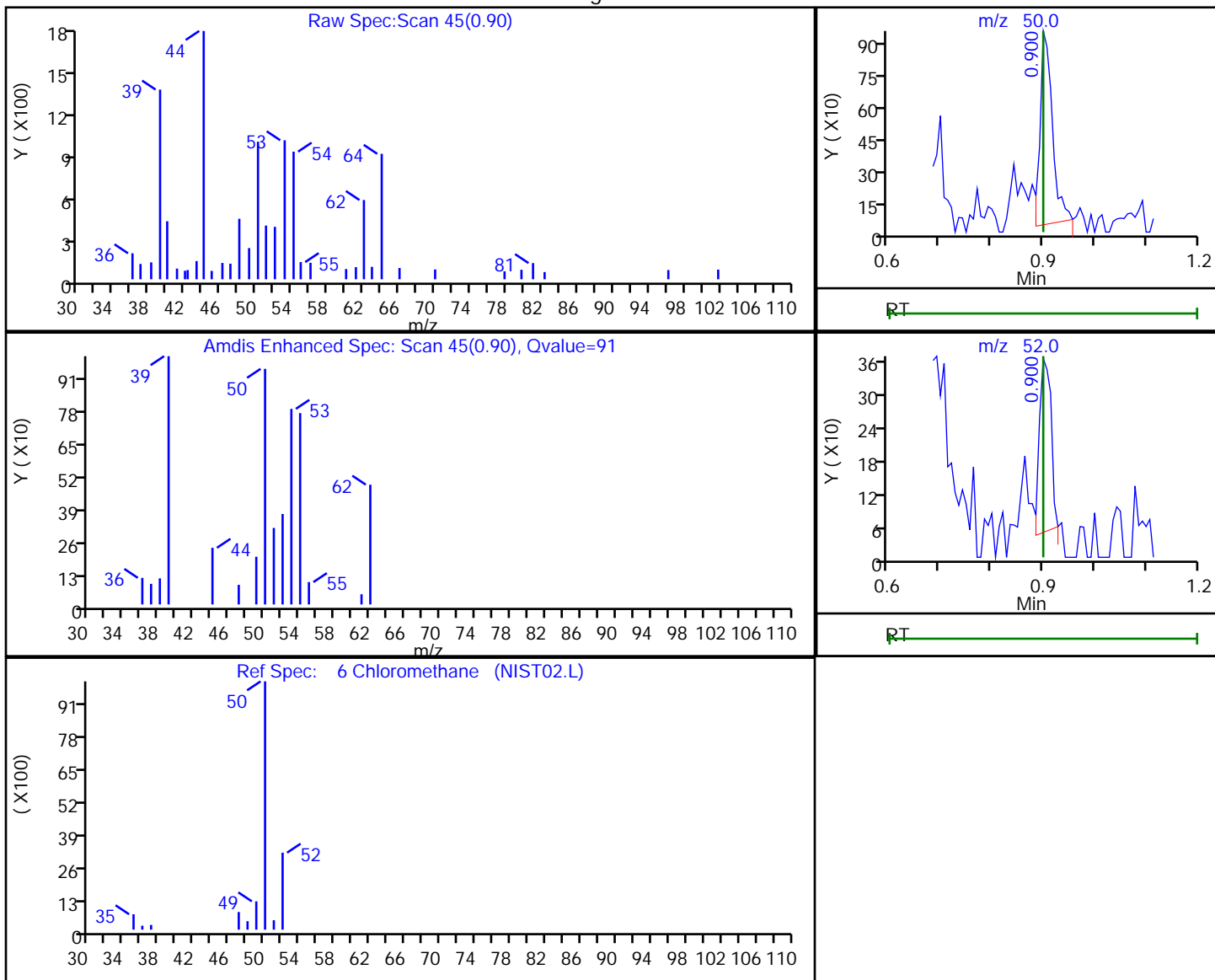
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.90	50.00	1523	0.284805
0.90	52.00	497	

Reviewer: baronm, 09-Jul-2020 10:03:54

Audit Action: Marked Compound Undetected

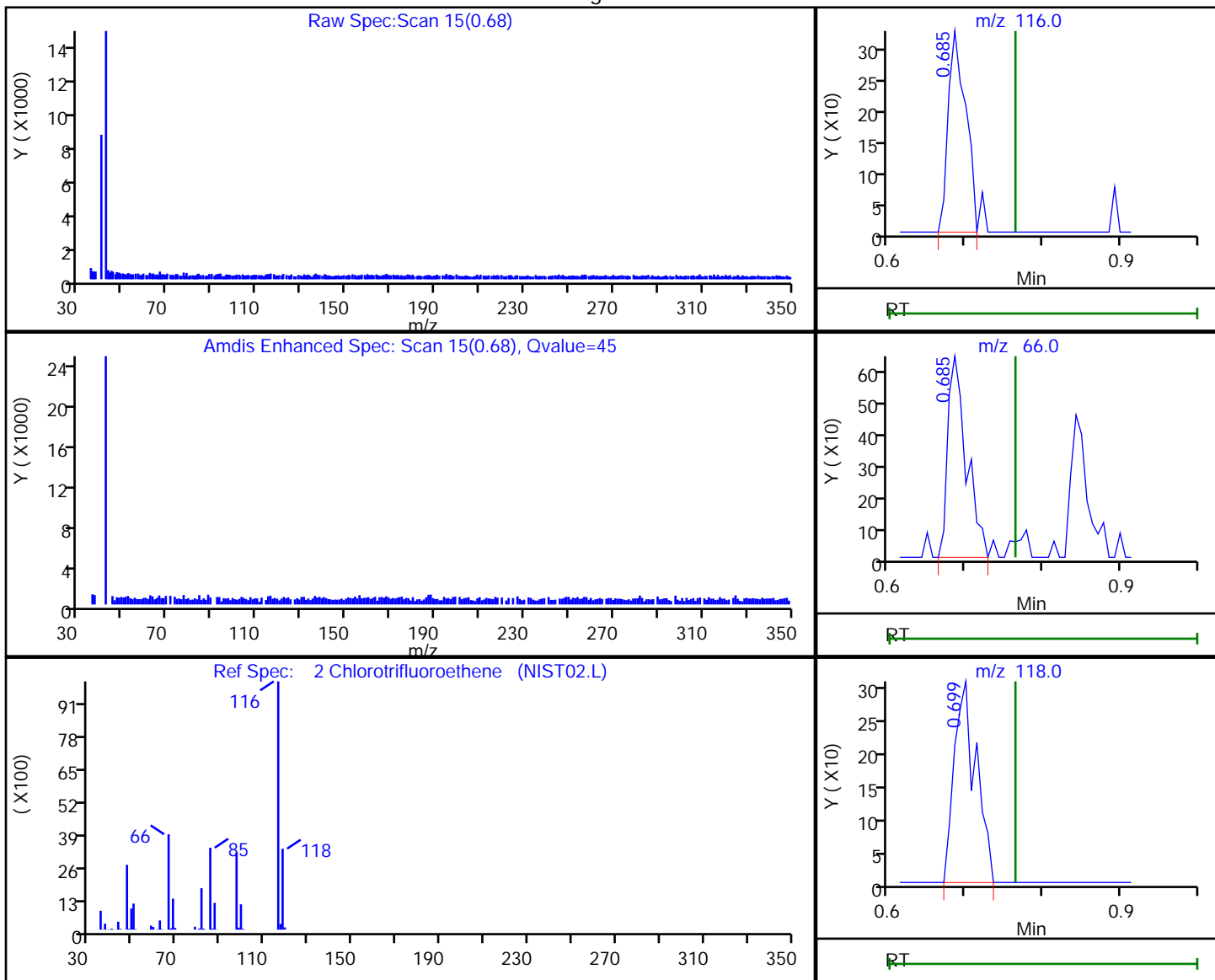
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.68	116.00	522	0.651684
0.68	66.00	1091	
0.70	118.00	609	

Reviewer: baronm, 09-Jul-2020 10:03:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

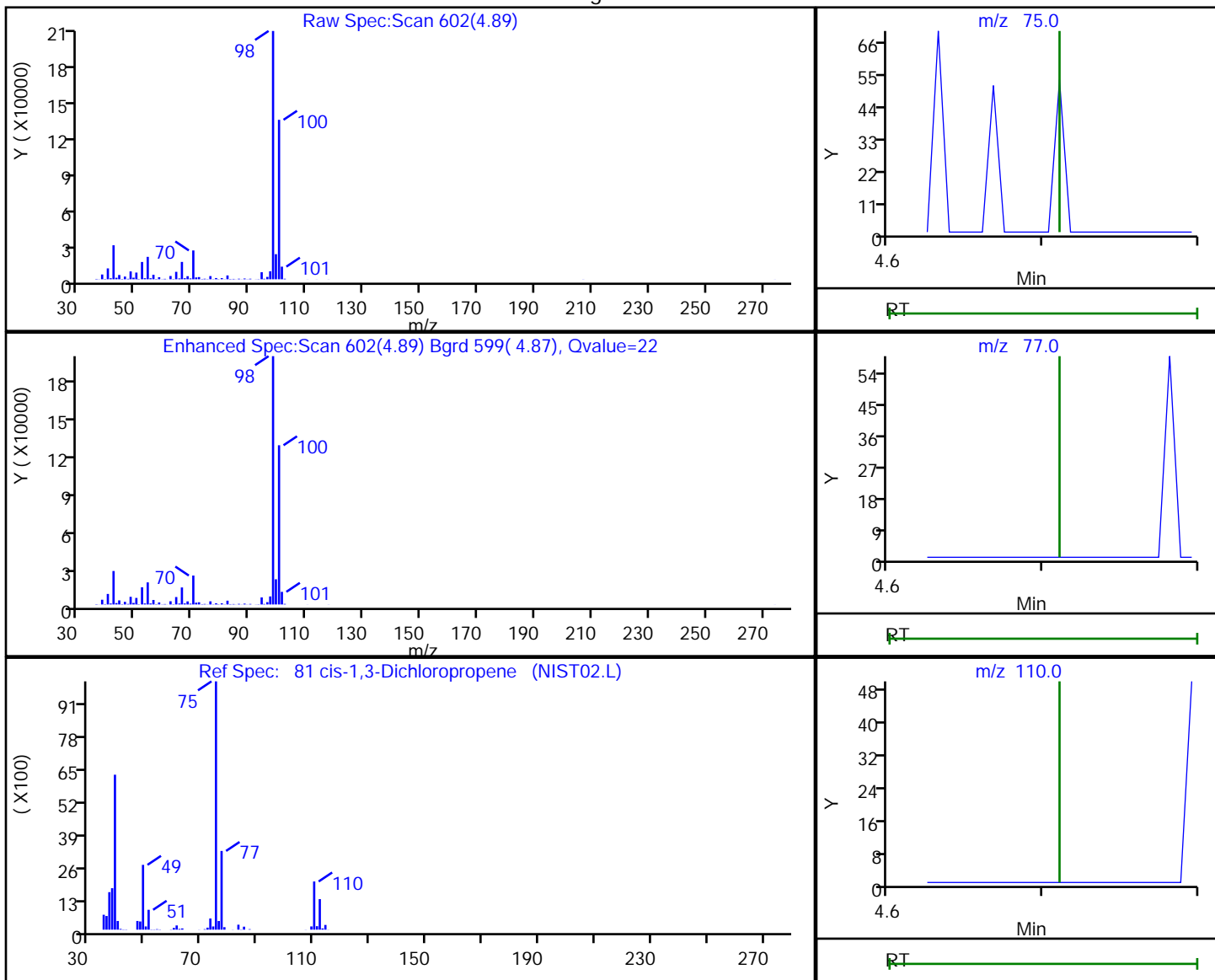
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.89	75.00	180	0.038732
4.90	77.00	437	
4.90	110.00	108	

Reviewer: baronm, 09-Jul-2020 10:06:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

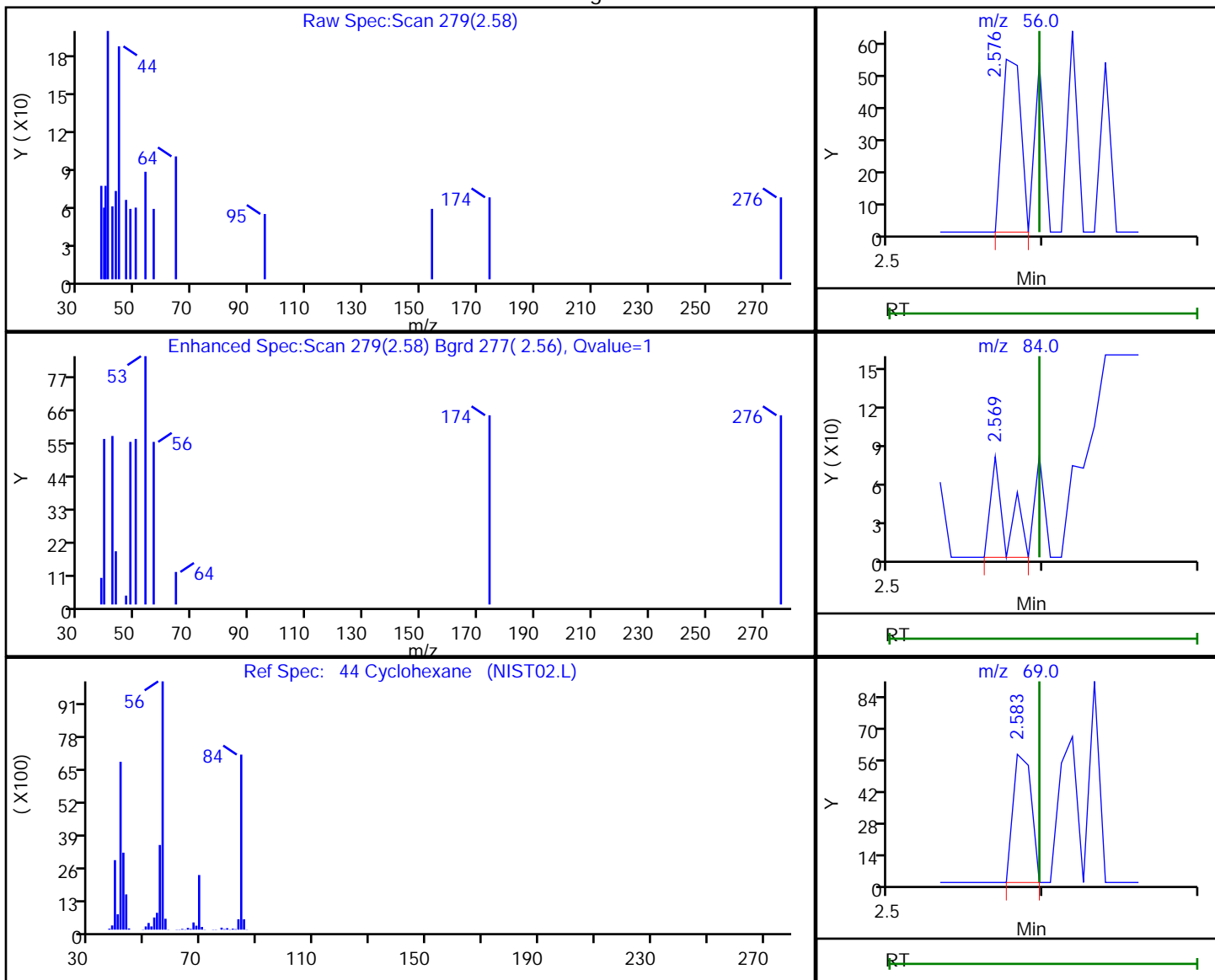
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.58	56.00	46	0.010364
2.57	84.00	56	
2.58	69.00	48	

Reviewer: baronm, 09-Jul-2020 10:06:08

Audit Action: Marked Compound Undetected

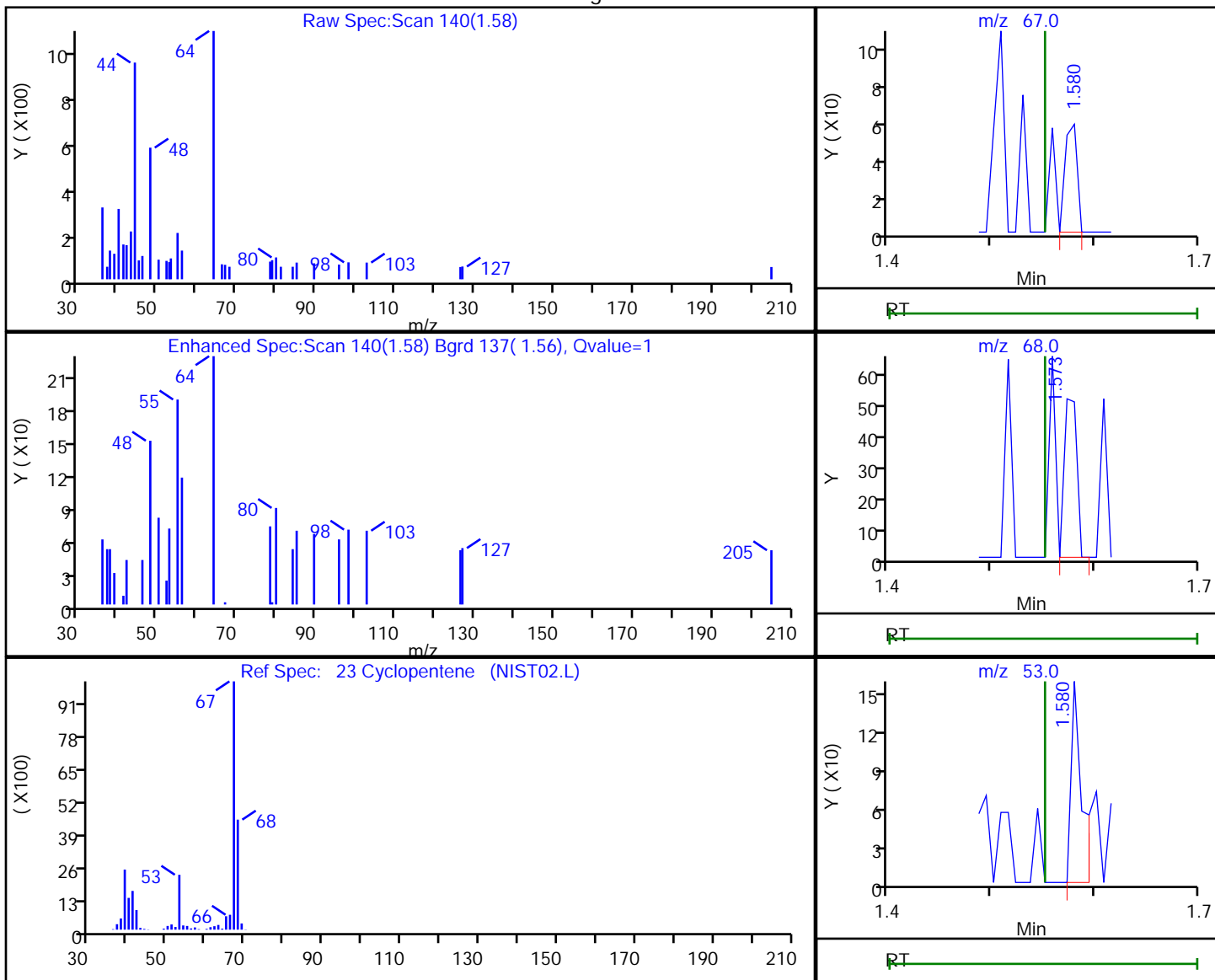
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.58	67.00	48	0.005897
1.57	68.00	44	
1.58	53.00	113	

Reviewer: baronm, 09-Jul-2020 10:04:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

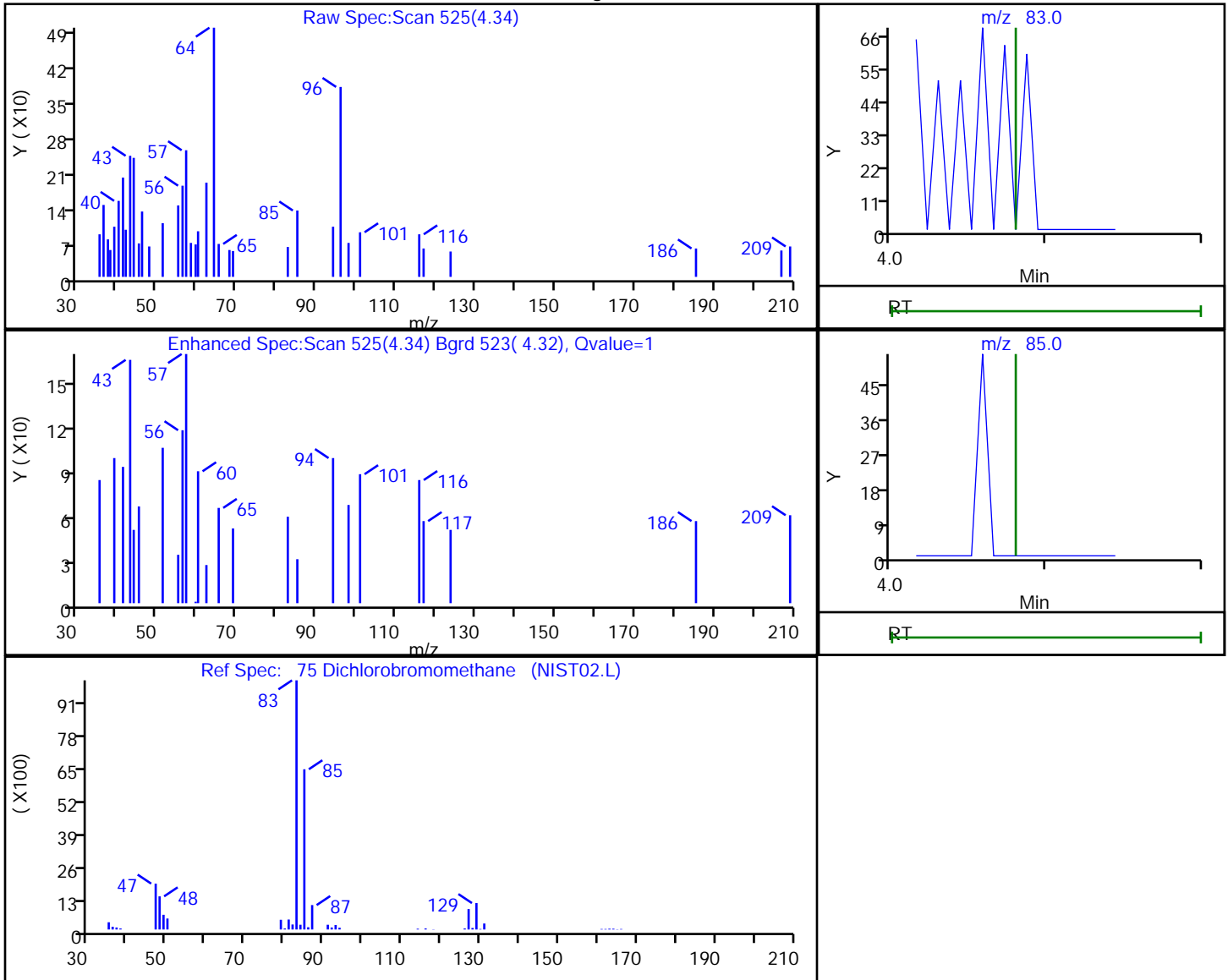
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.34	83.00	48	0.014092
4.35	85.00	479	

Reviewer: baronm, 09-Jul-2020 10:06:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

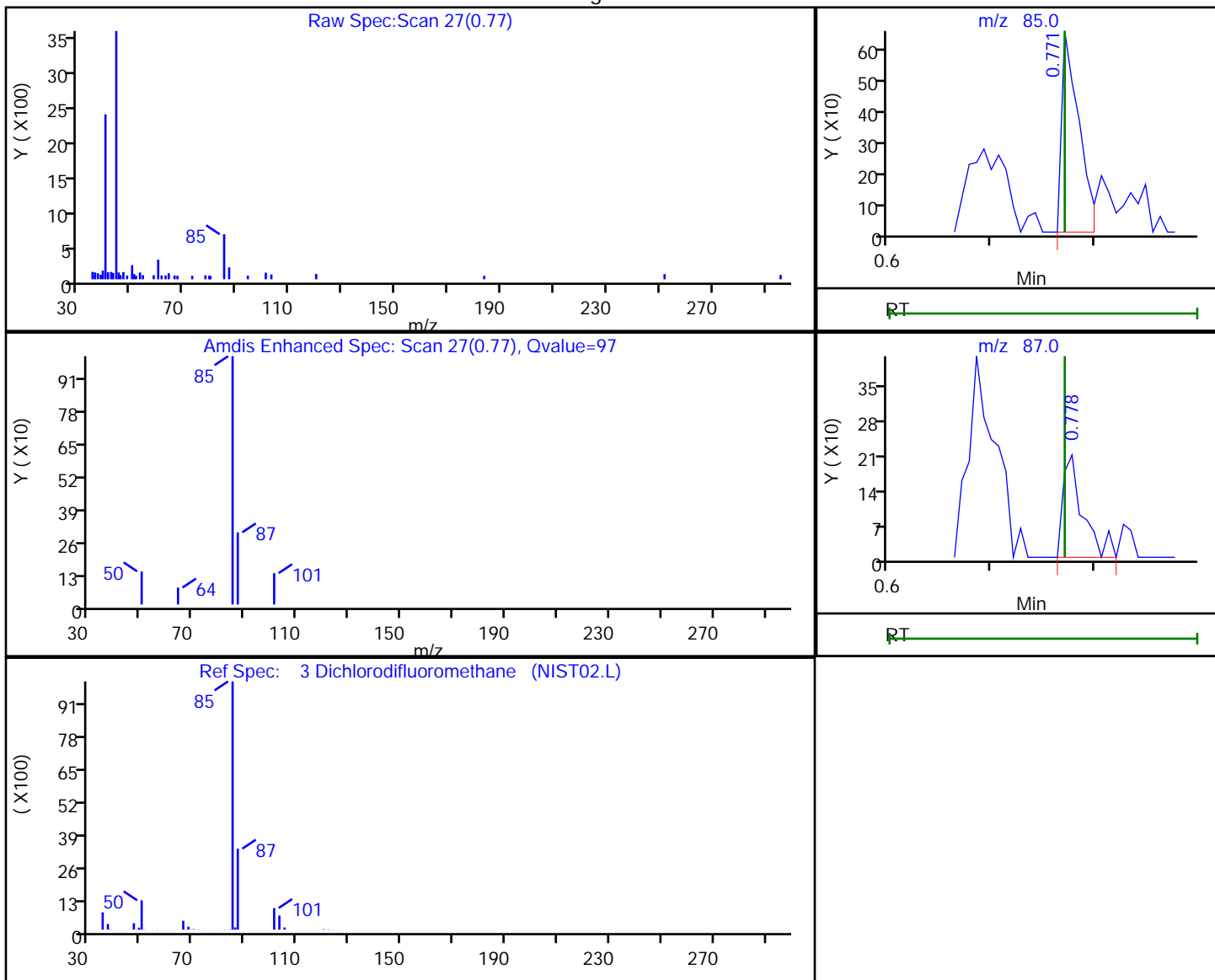
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.77	85.00	762	0.190486
0.78	87.00	275	

Reviewer: baronm, 09-Jul-2020 10:03:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

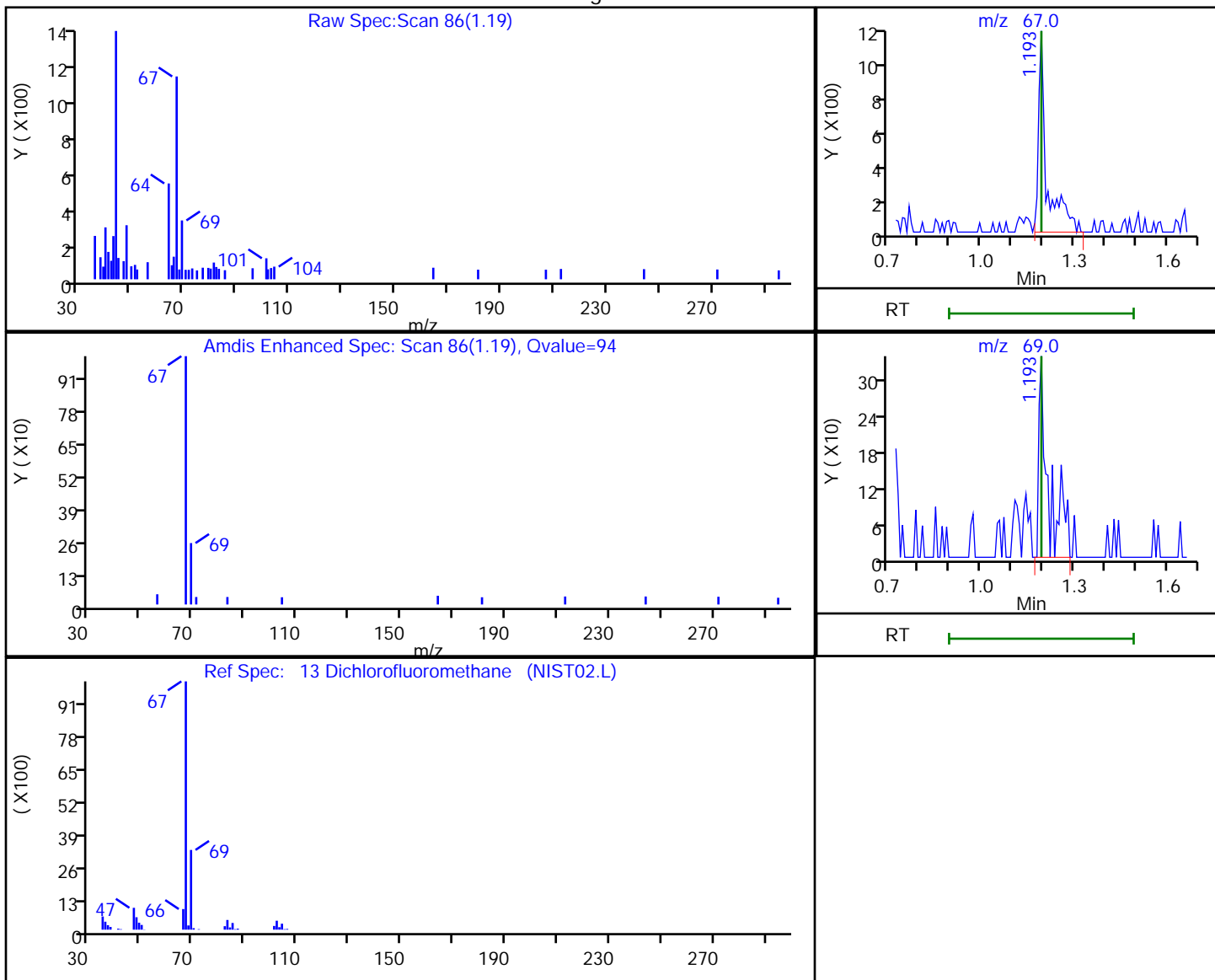
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

13 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.19	67.00	2148	0.326814
1.19	69.00	724	

Reviewer: baronm, 09-Jul-2020 10:04:03

Audit Action: Marked Compound Undetected

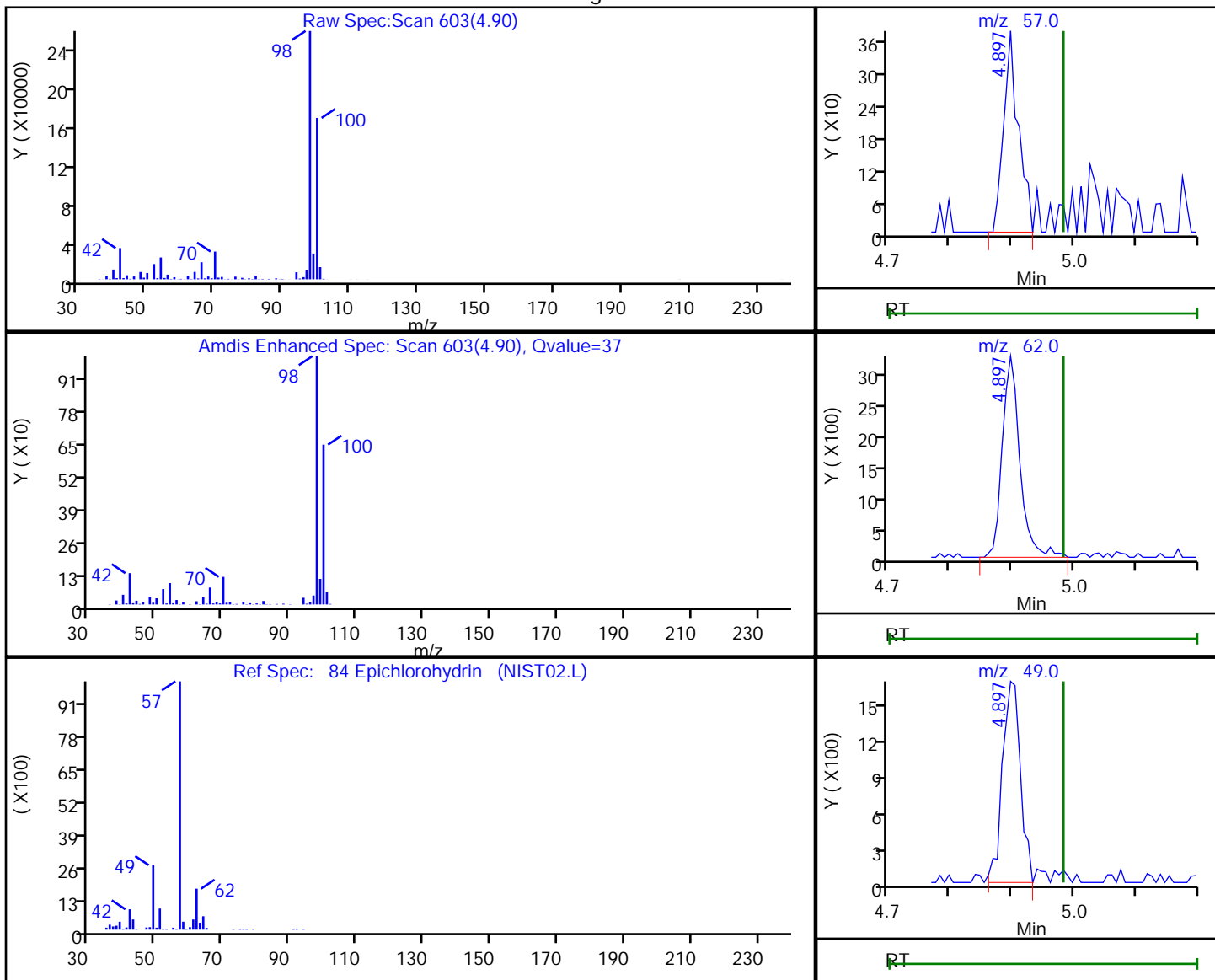
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
4.90	57.00	636	4.558809
4.90	62.00	6467	
4.90	49.00	3317	

Reviewer: baronm, 09-Jul-2020 20:09:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

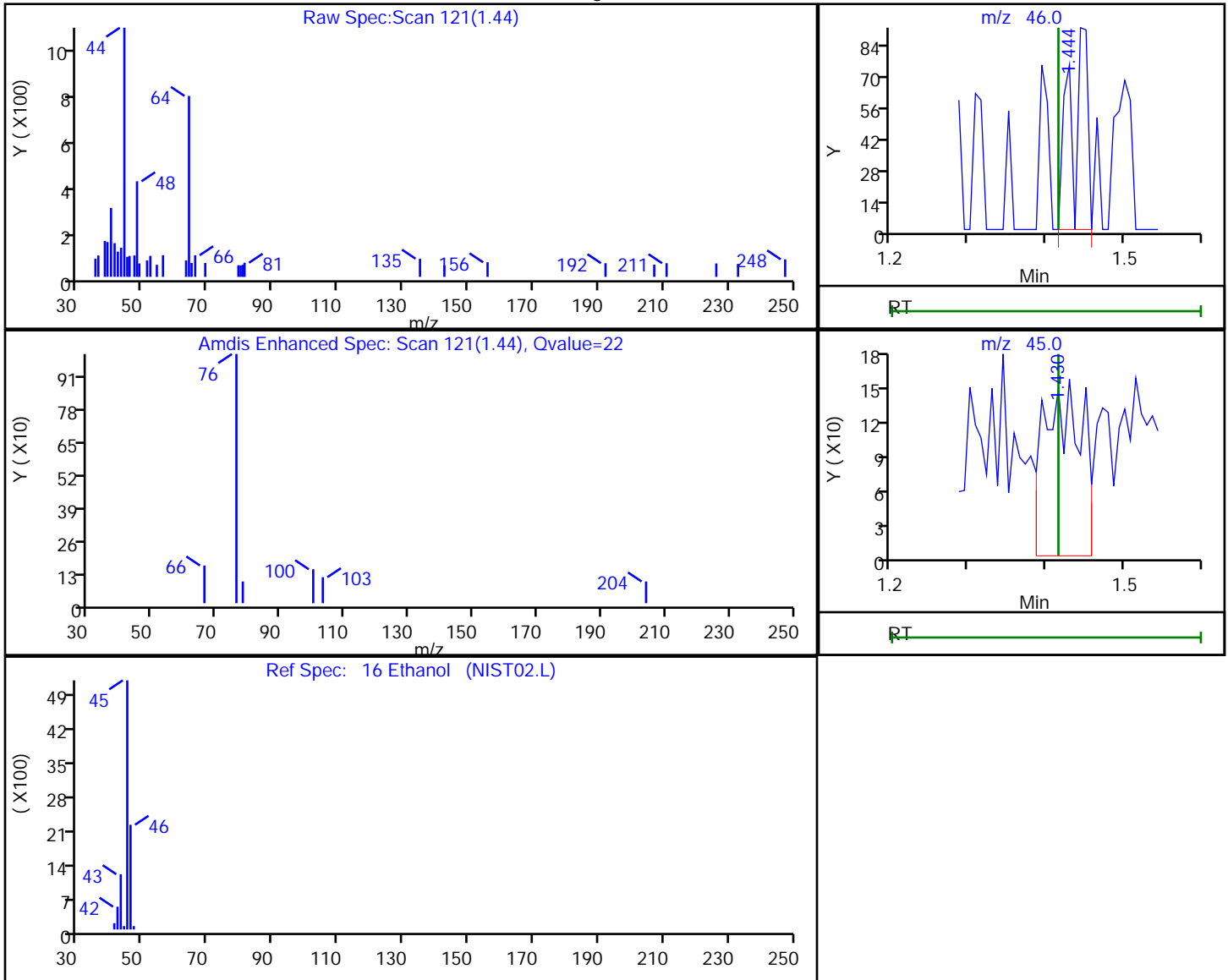
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.44	46.00	137	9.953077
1.43	45.00	521	

Reviewer: baronm, 09-Jul-2020 10:04:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

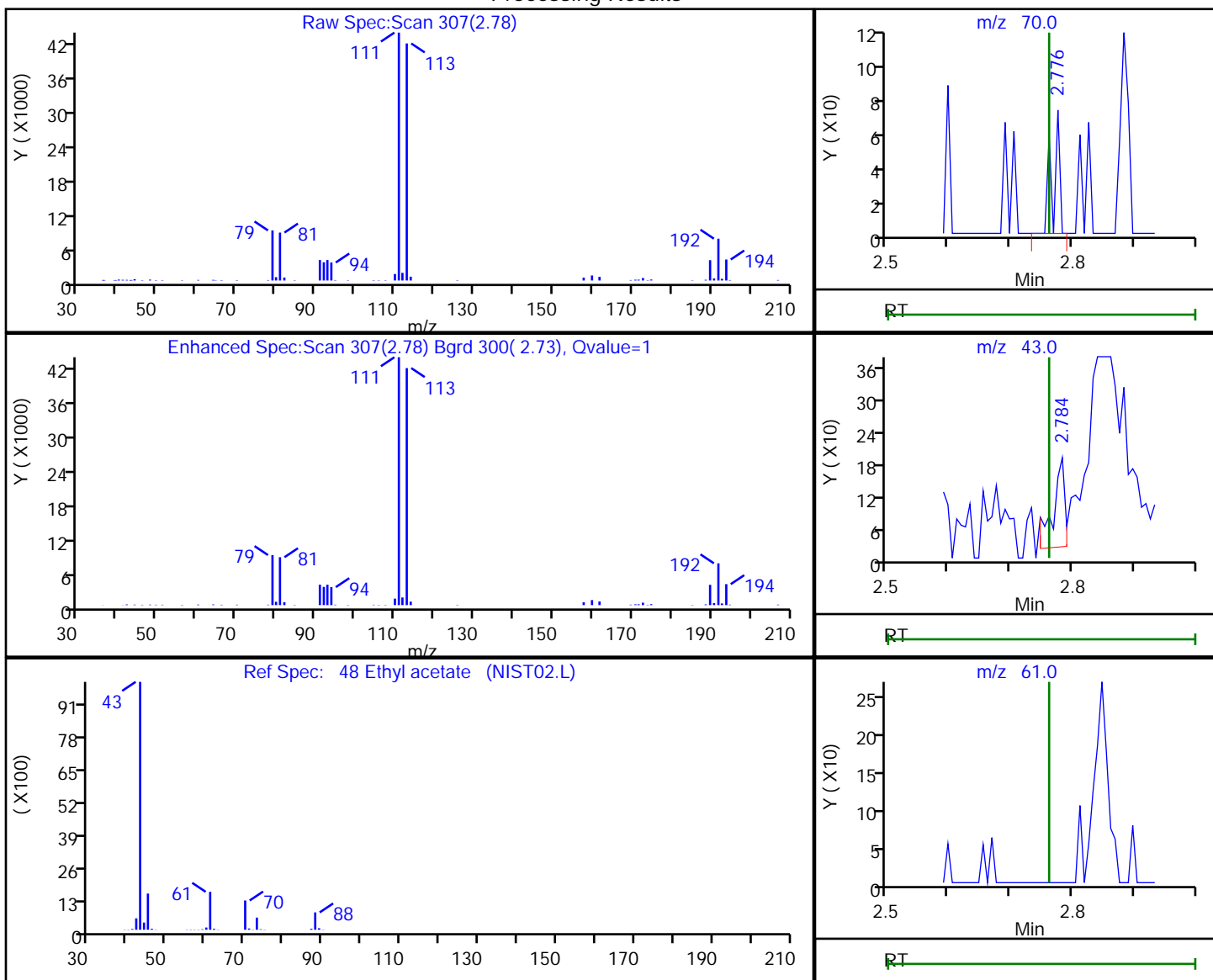
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.78	70.00	54	0.561564
2.78	43.00	229	
2.85	61.00	0	

Reviewer: baronm, 09-Jul-2020 10:06:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

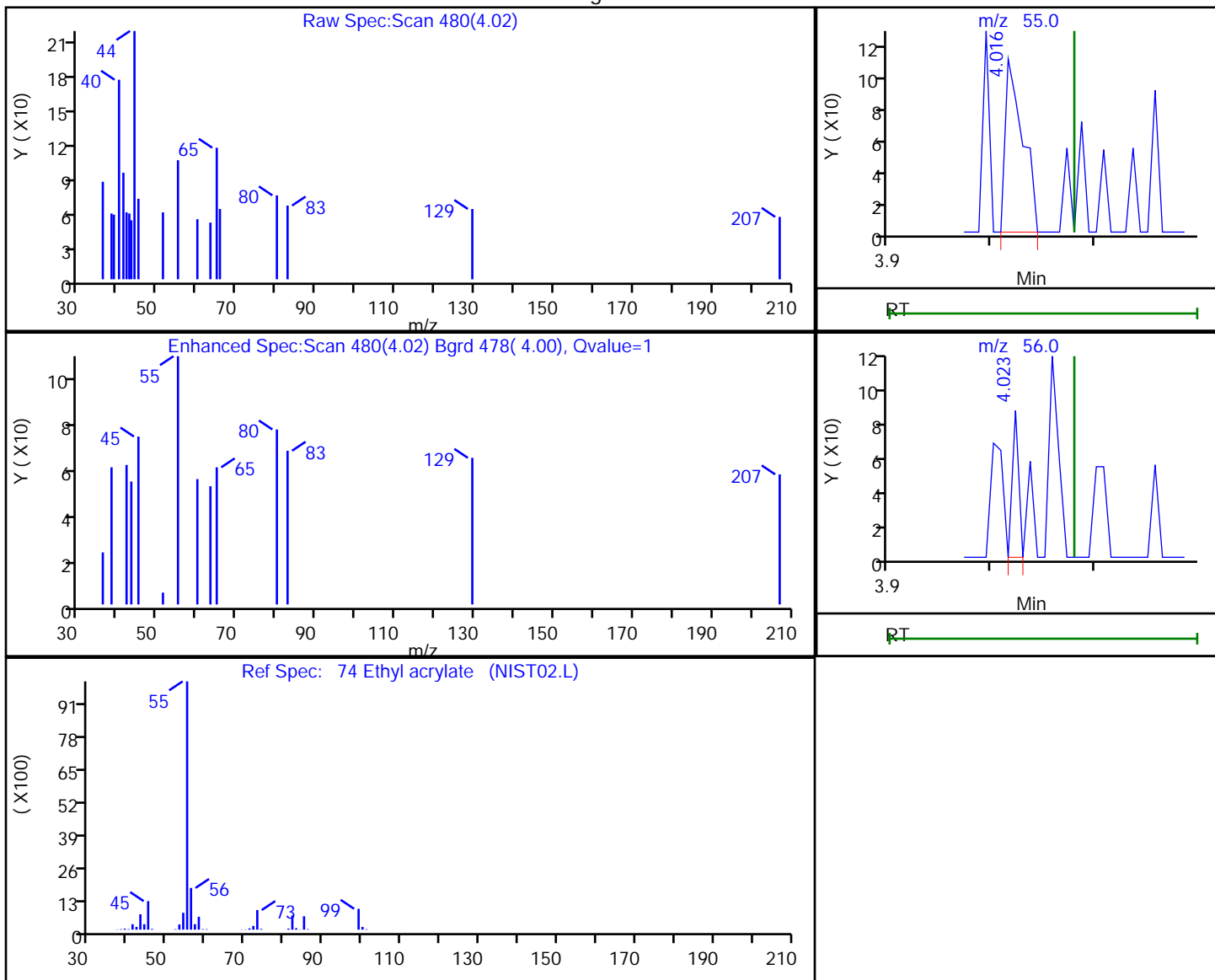
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.02	55.00	124	1.032948
4.02	56.00	35	

Reviewer: baronm, 09-Jul-2020 10:06:34

Audit Action: Marked Compound Undetected

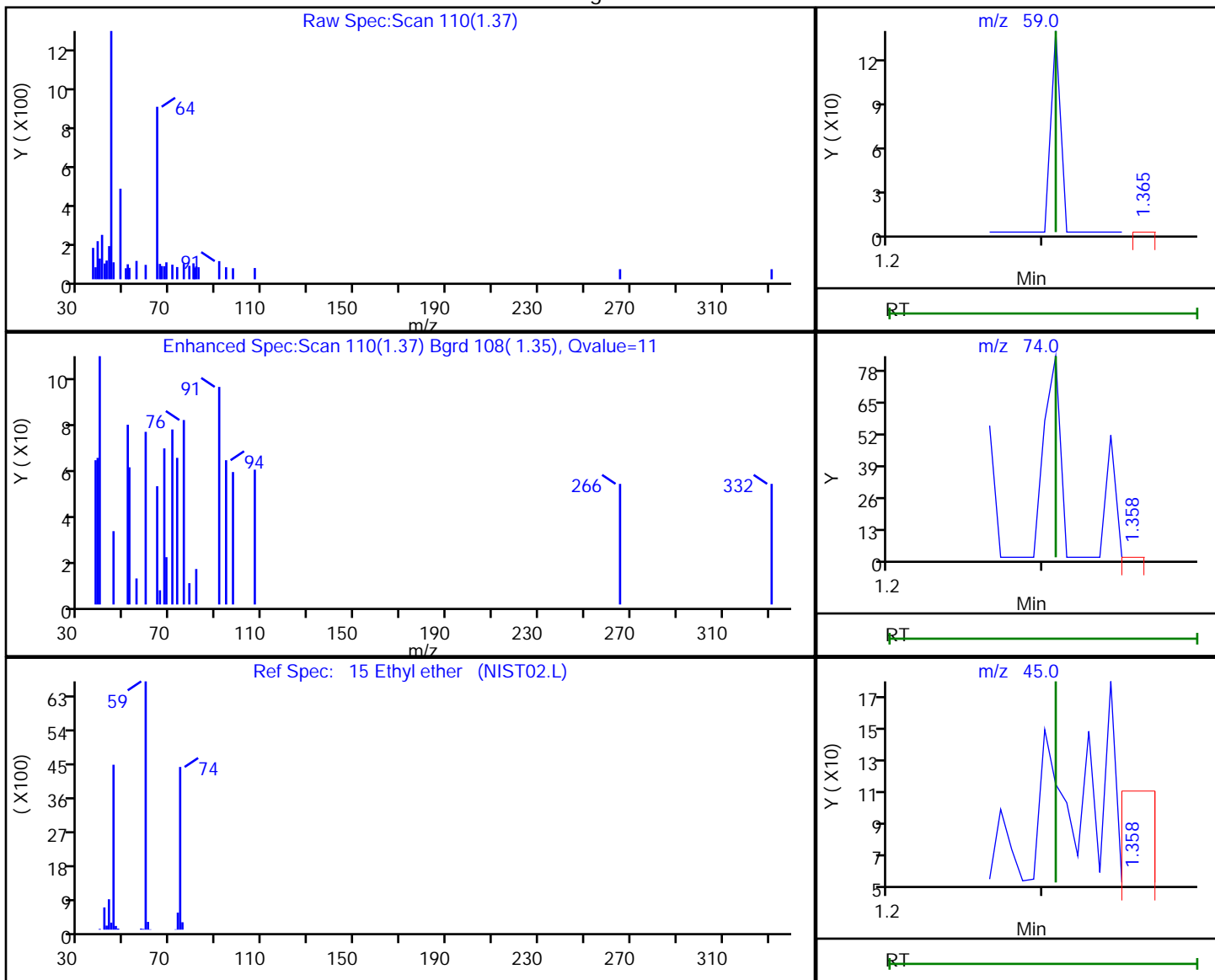
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.37	59.00	31	0.011058
1.36	74.00	25	
1.36	45.00	141	

Reviewer: baronm, 09-Jul-2020 10:04:07

Audit Action: Marked Compound Undetected

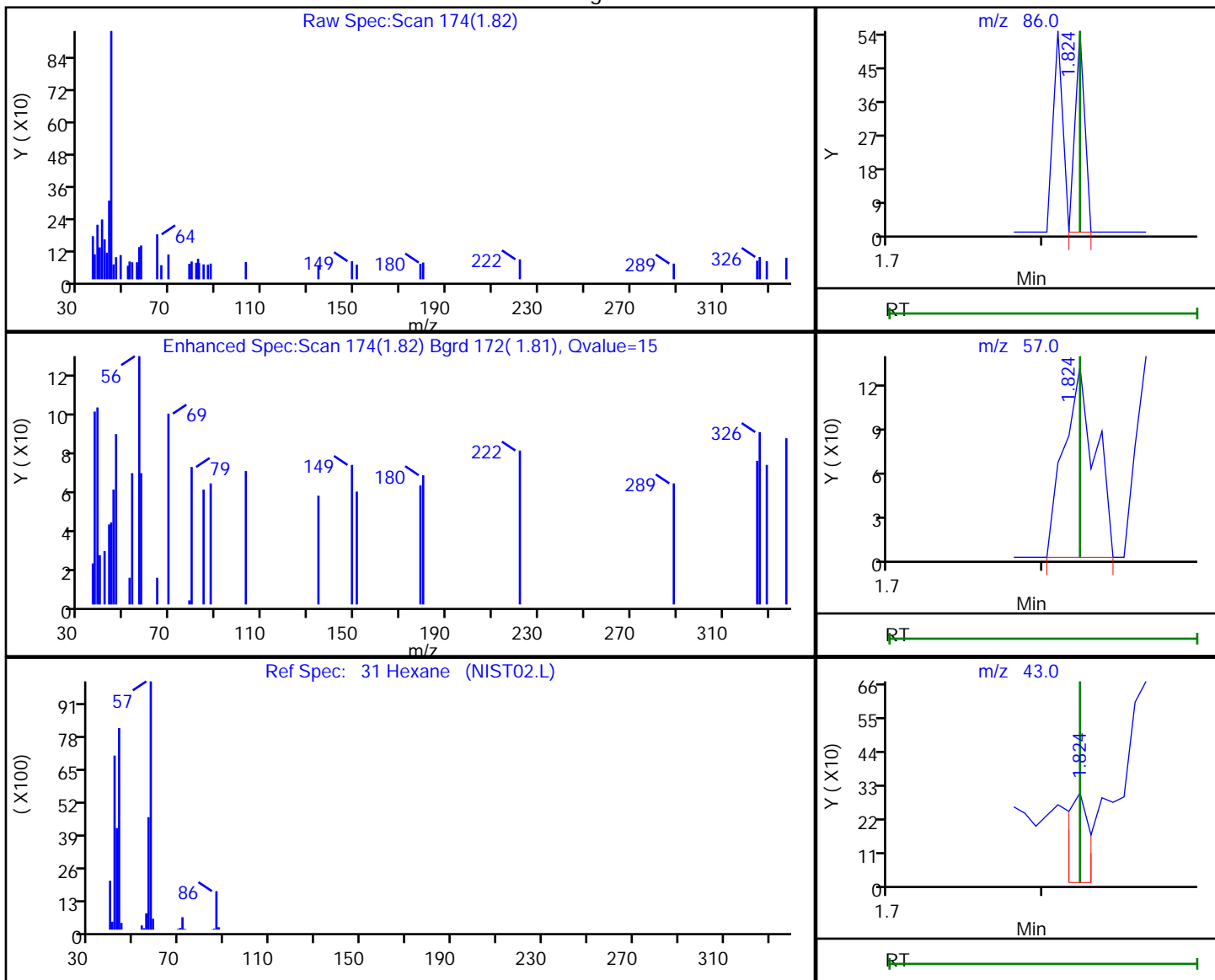
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.82	86.00	24	0.031980
1.82	57.00	178	
1.82	43.00	296	
1.82	56.00	101	

Reviewer: baronm, 09-Jul-2020 10:04:45

Audit Action: Marked Compound Undetected

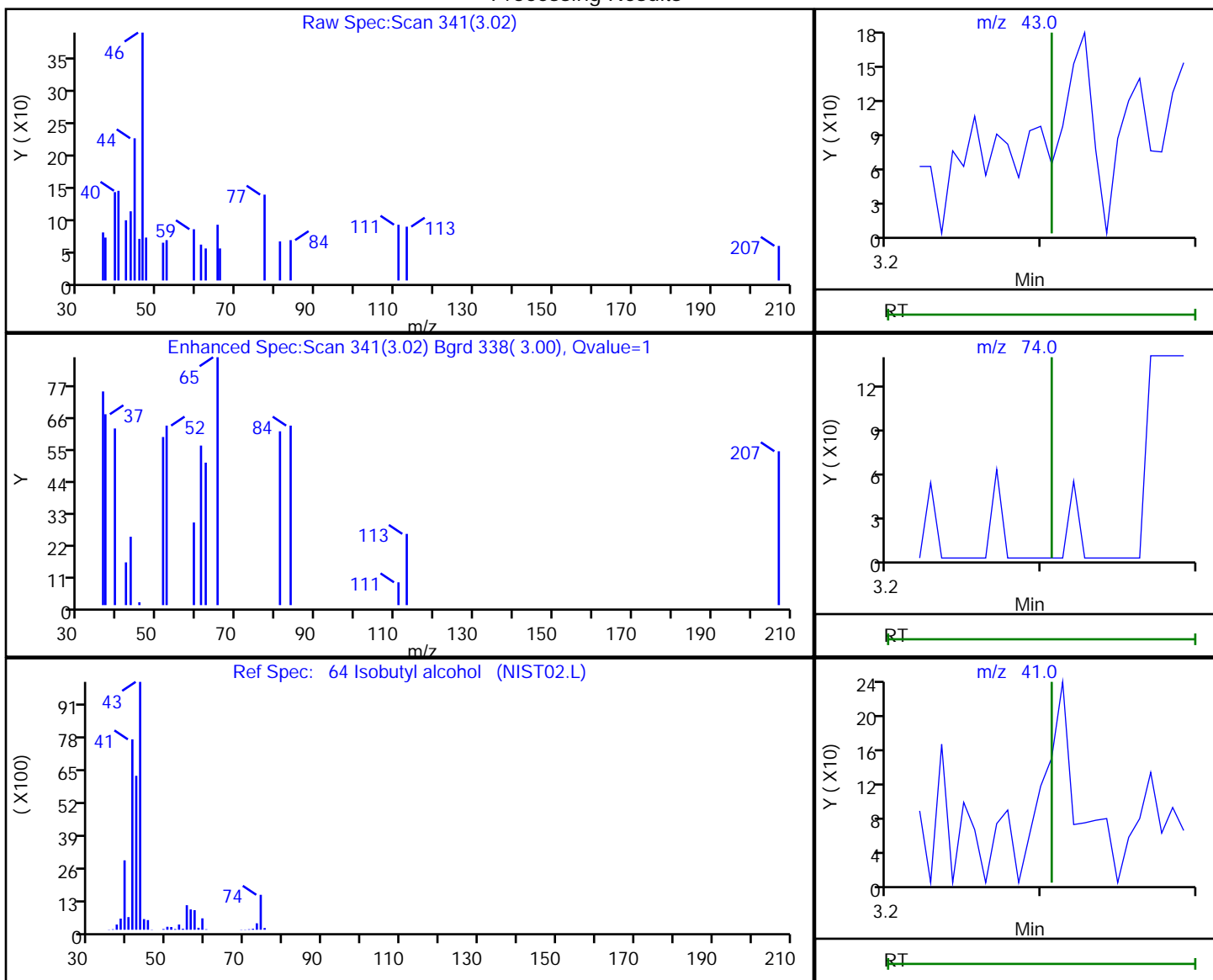
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.02	43.00	90	1.476731
3.01	74.00	29	
3.01	41.00	101	
3.02	39.00	147	

Reviewer: baronm, 09-Jul-2020 10:06:28

Audit Action: Marked Compound Undetected

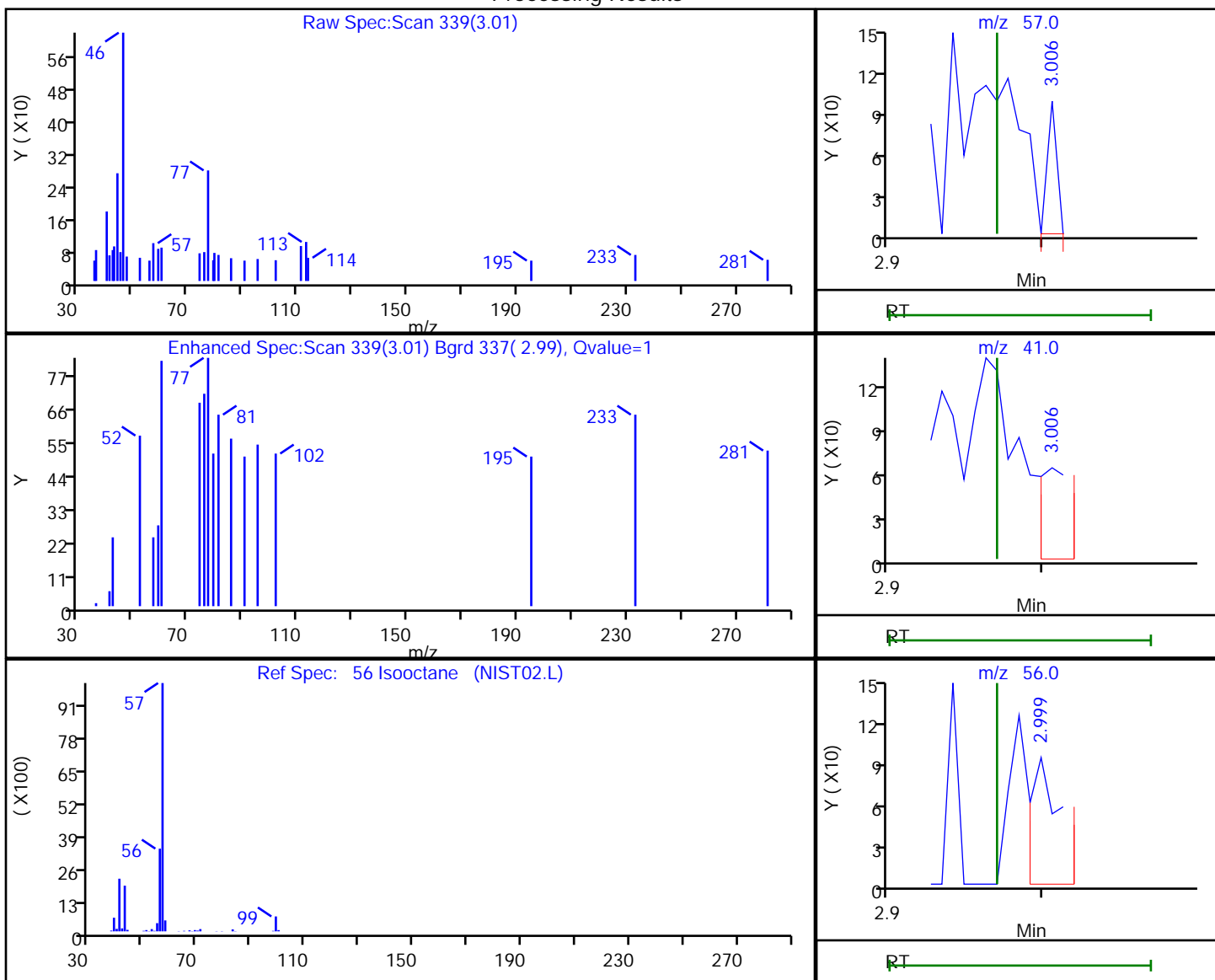
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.01	57.00	40	0.006103
3.01	41.00	76	
3.00	56.00	109	

Reviewer: baronm, 09-Jul-2020 10:06:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

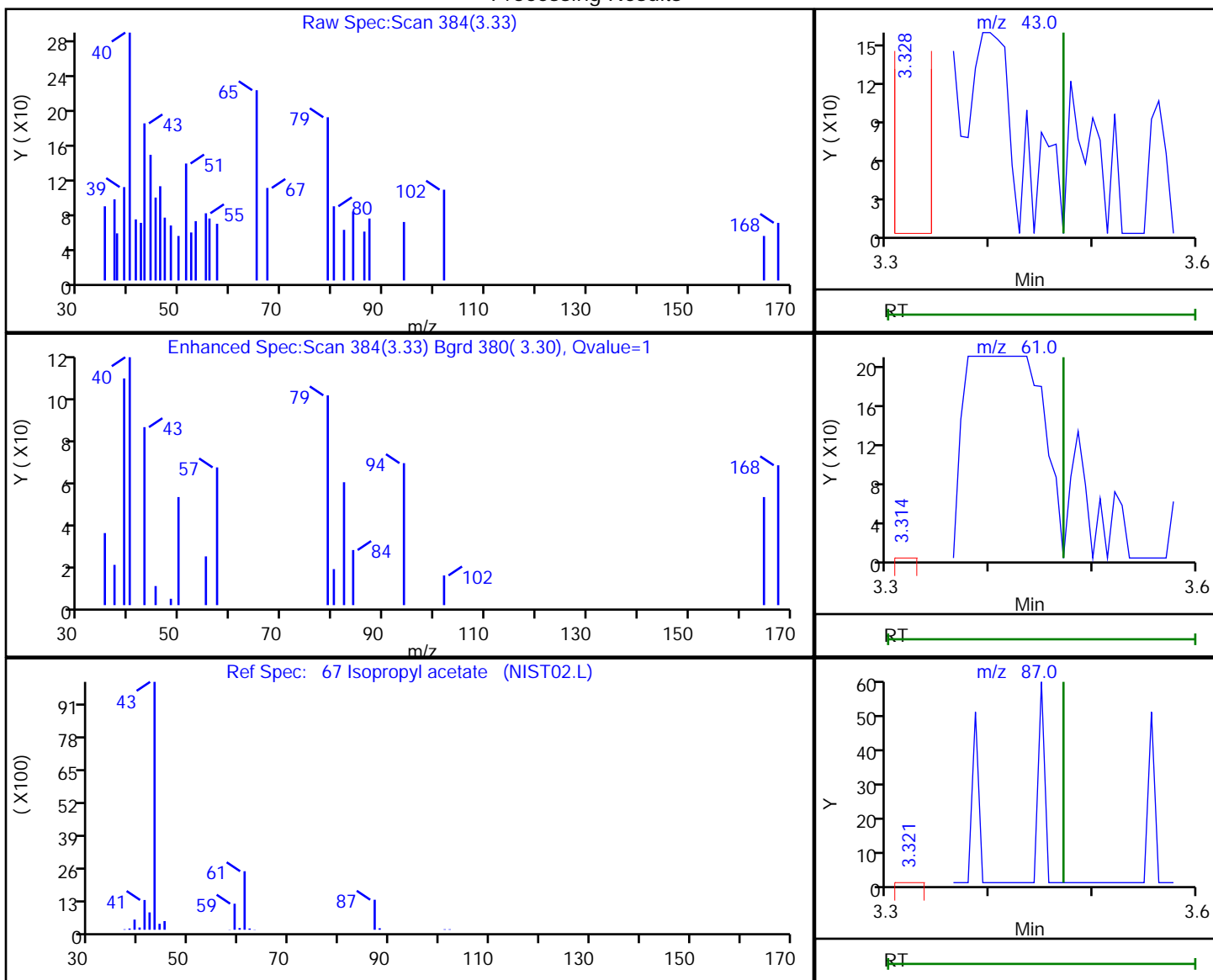
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

67 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.33	43.00	243	0.057022
3.31	61.00	84	
3.32	87.00	153	

Reviewer: baronm, 09-Jul-2020 10:06:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

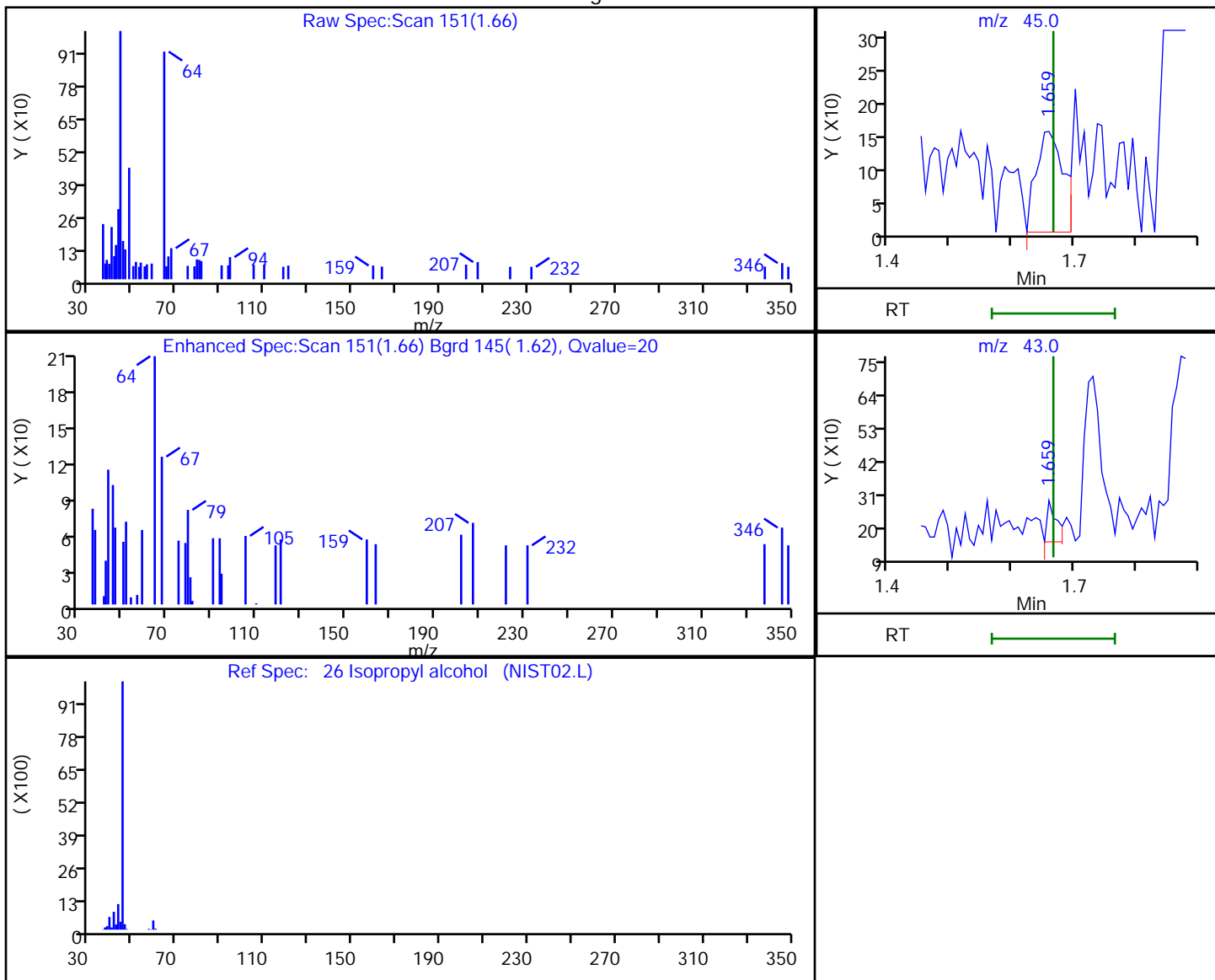
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.66	45.00	477	2.977872
1.66	43.00	147	

Reviewer: baronm, 09-Jul-2020 10:04:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

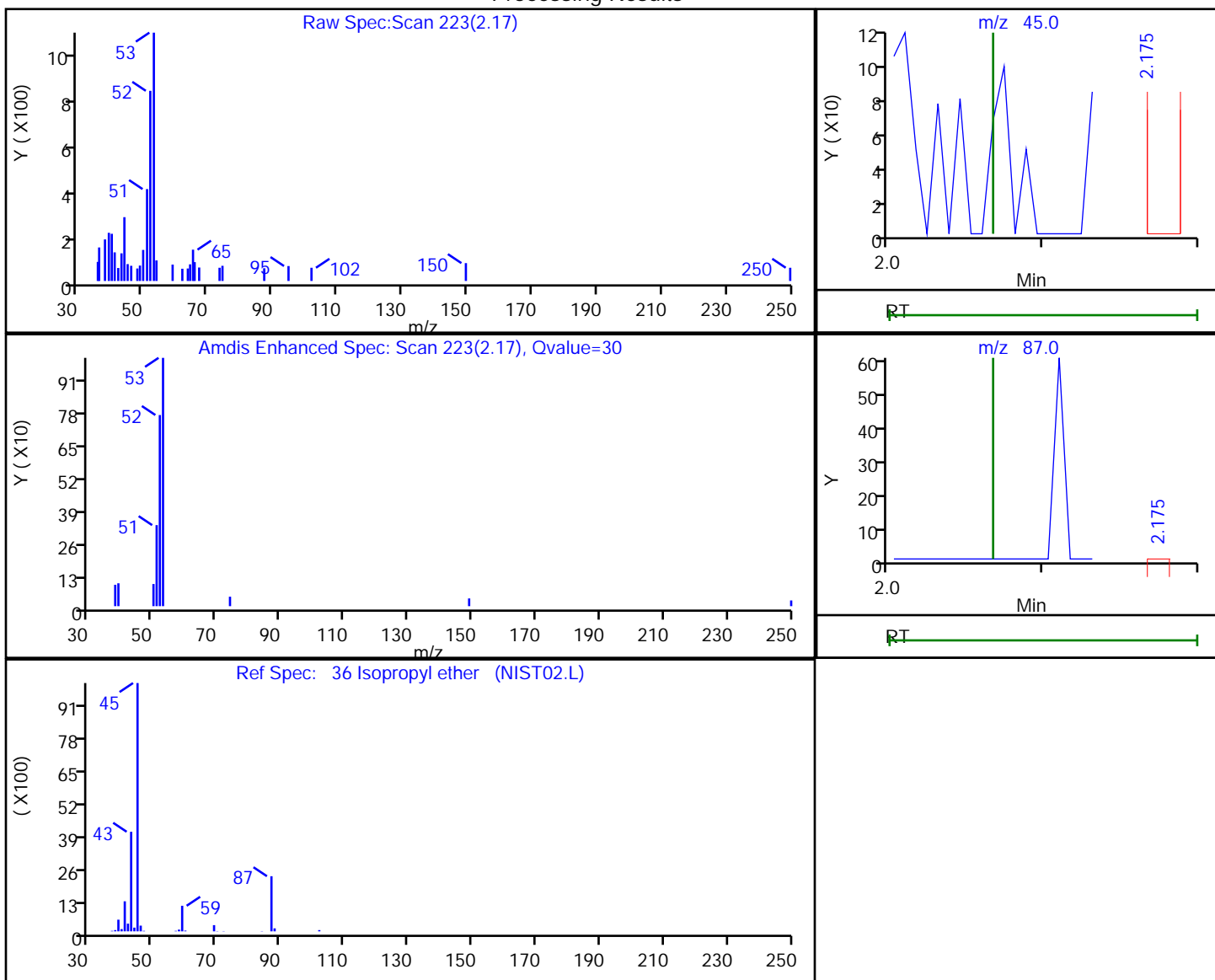
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

36 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.17	45.00	59	0.006635
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Euofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

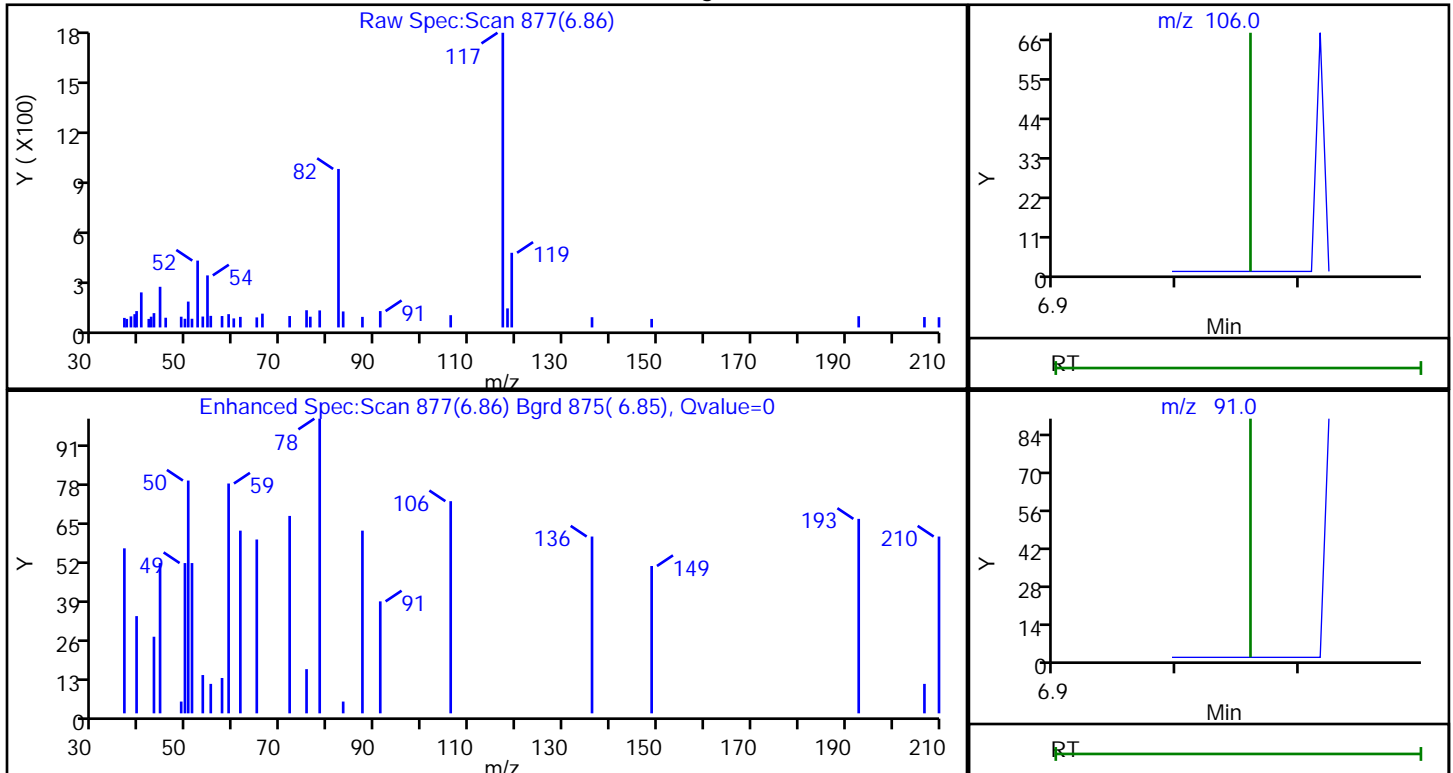
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.86	106.00	55	0.010374
6.85	91.00	221	

Reviewer: baronm, 09-Jul-2020 10:07:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

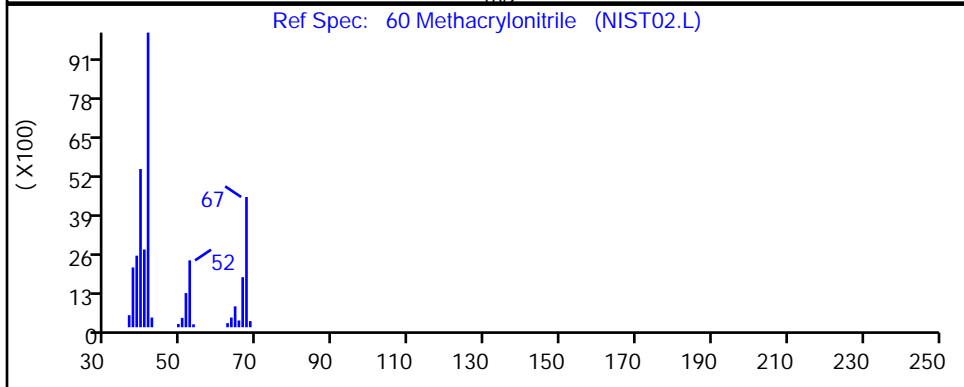
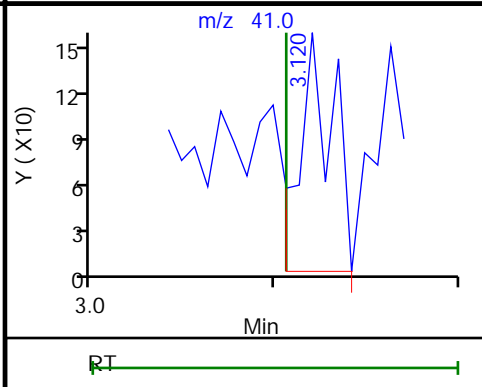
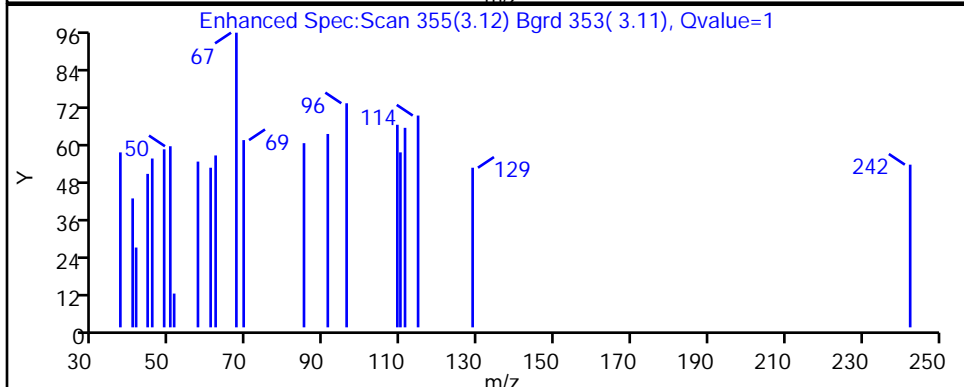
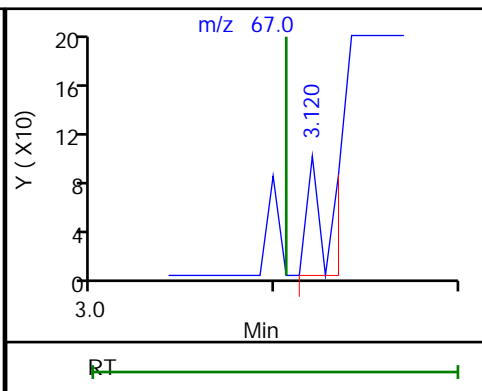
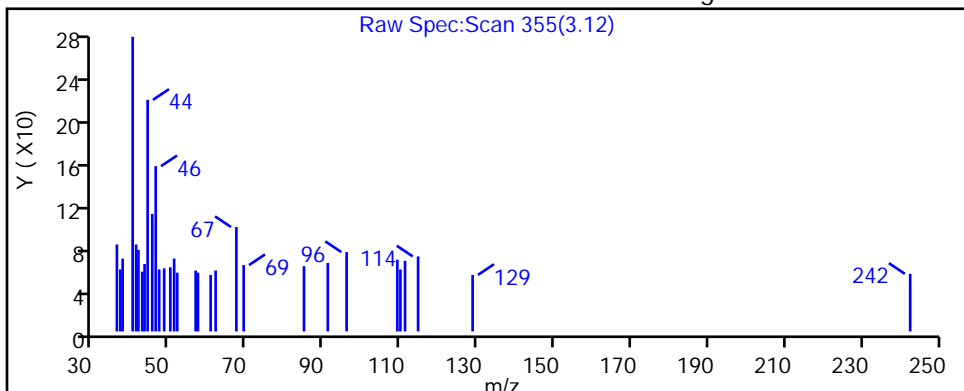
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.12	67.00	76	0.077953
3.12	41.00	198	

Reviewer: baronm, 09-Jul-2020 10:06:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

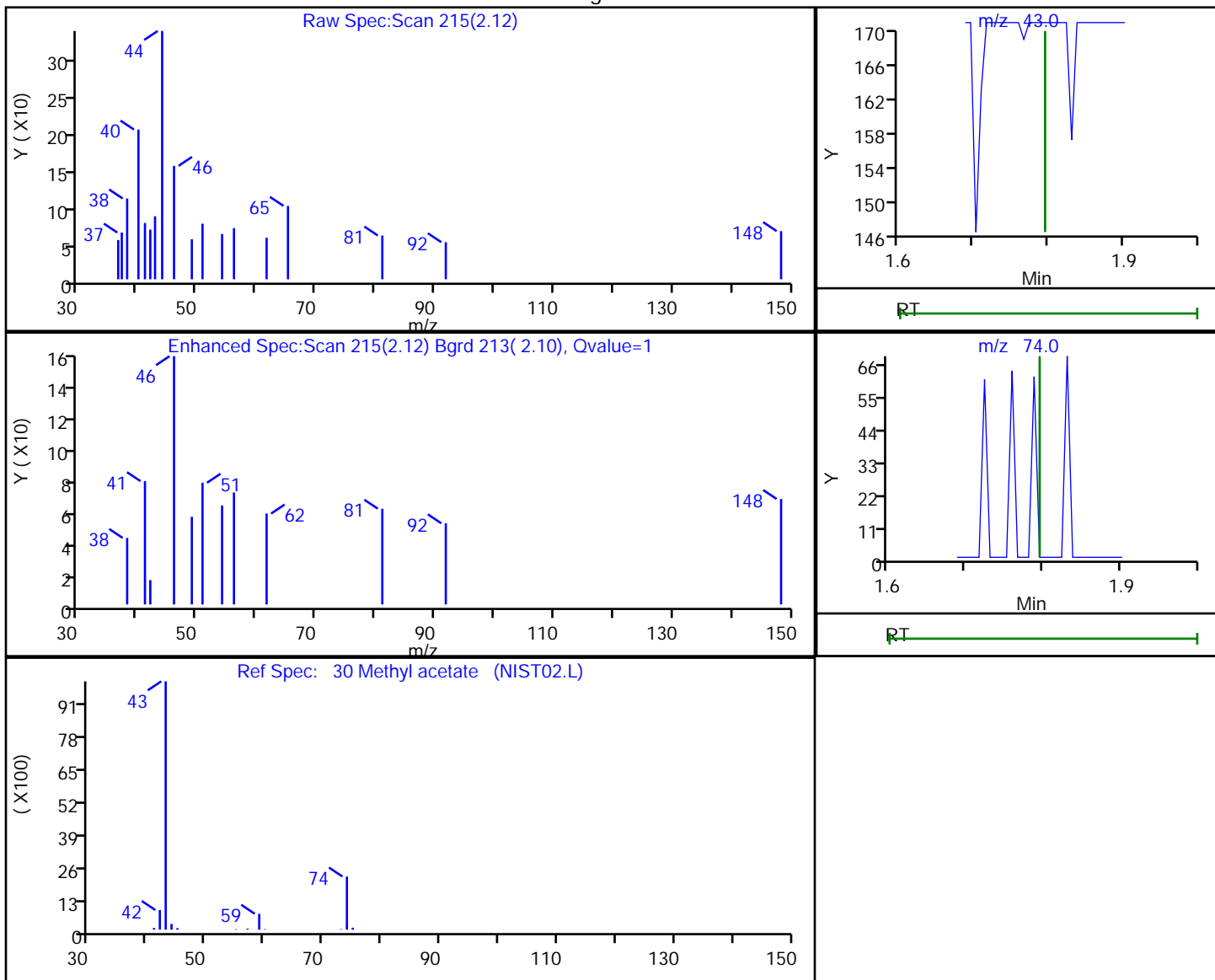
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

30 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.12	43.00	121	0.072450
2.13	74.00	45	

Reviewer: baronm, 09-Jul-2020 10:04:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

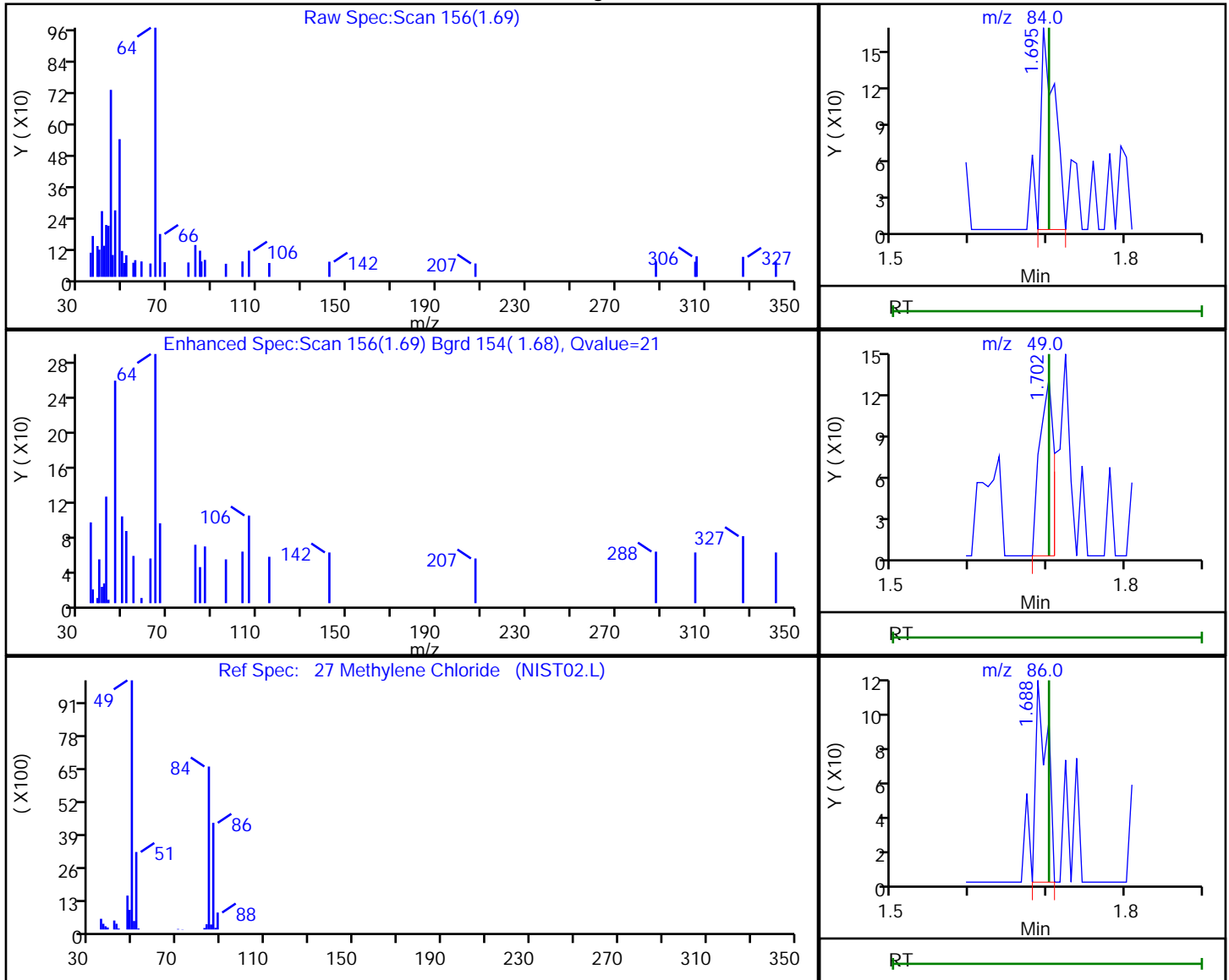
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.69	84.00	194	0.055765
1.70	49.00	162	
1.69	86.00	116	

Reviewer: baronm, 09-Jul-2020 10:04:40

Audit Action: Marked Compound Undetected

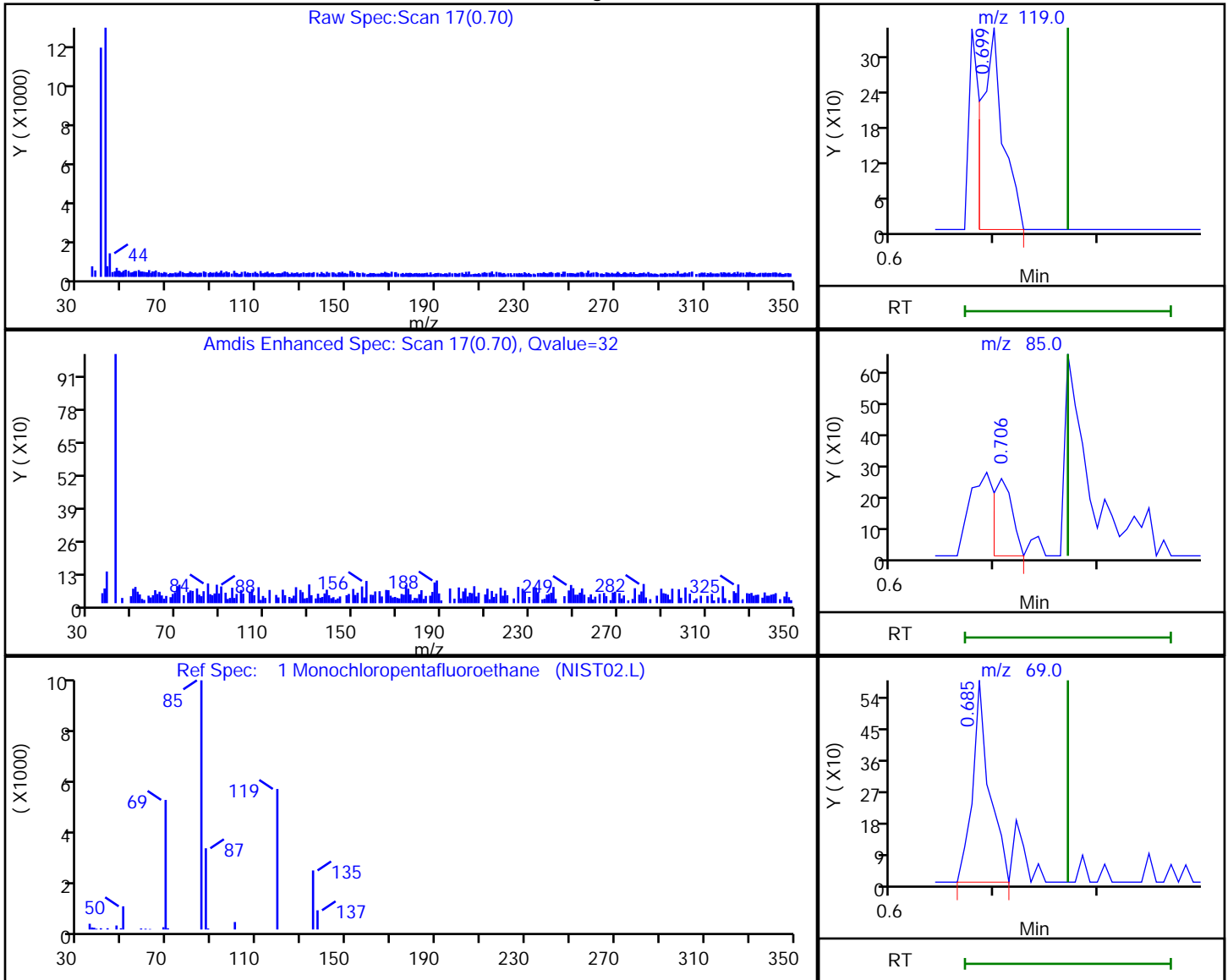
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.70	119.00	487	6.415670
0.71	85.00	318	
0.68	69.00	661	
0.70	135.00	207	

Reviewer: baronm, 09-Jul-2020 10:03:45

Audit Action: Marked Compound Undetected

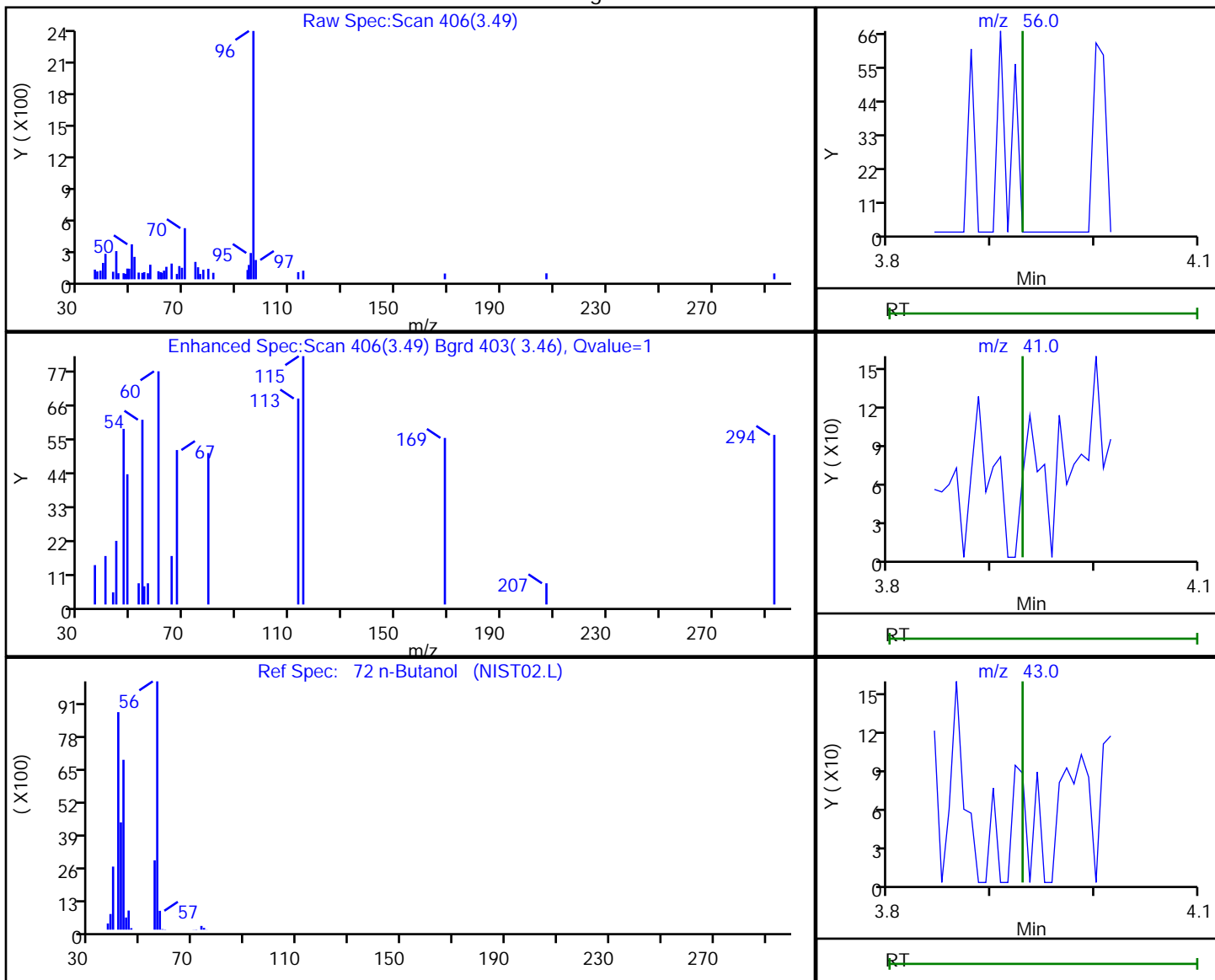
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.49	56.00	48	0.904631
3.49	41.00	211	
3.50	43.00	172	

Reviewer: baronm, 09-Jul-2020 10:06:33

Audit Action: Marked Compound Undetected

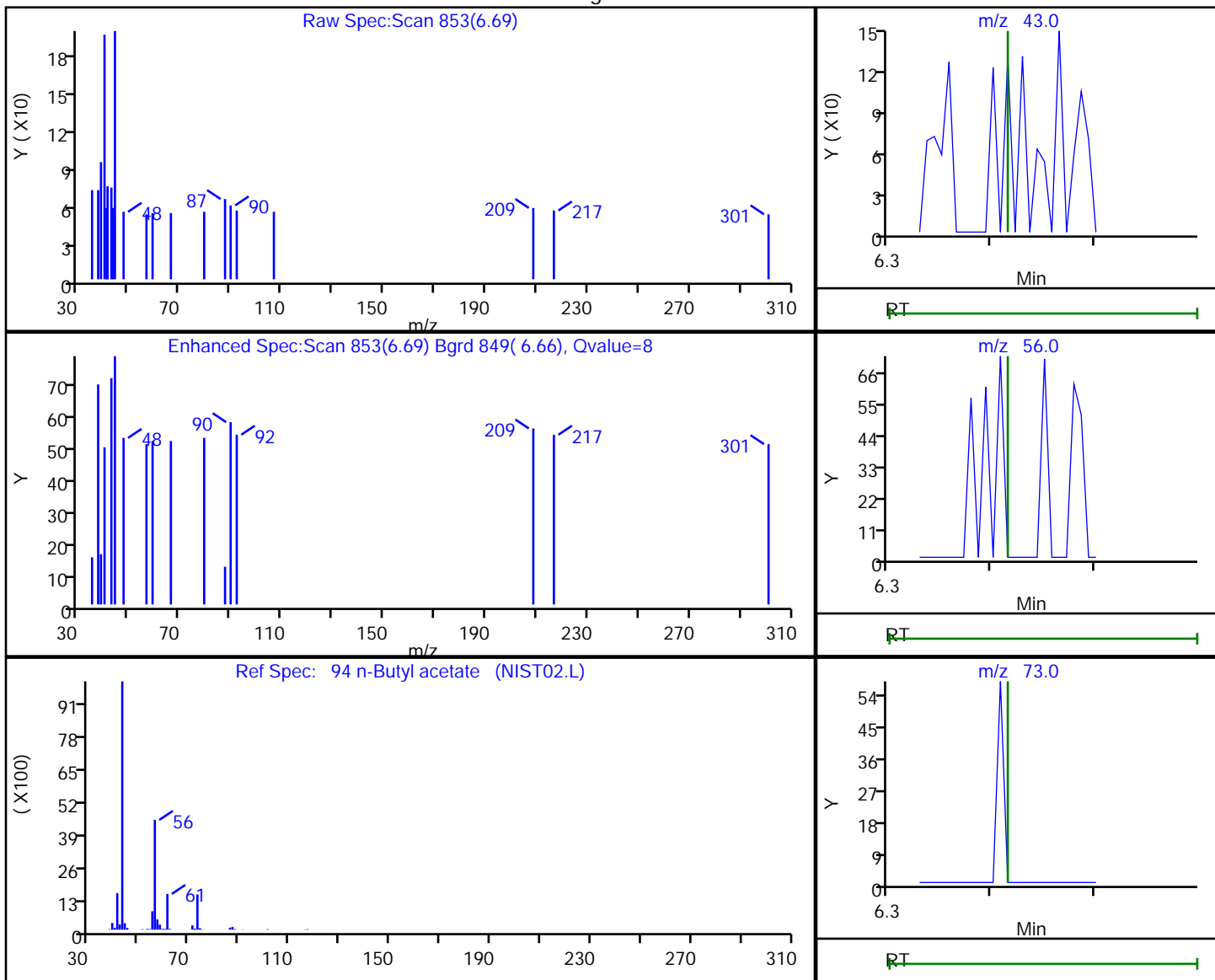
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.69	43.00	101	0.029538
6.69	56.00	22	
6.67	73.00	21	

Reviewer: baronm, 09-Jul-2020 10:07:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

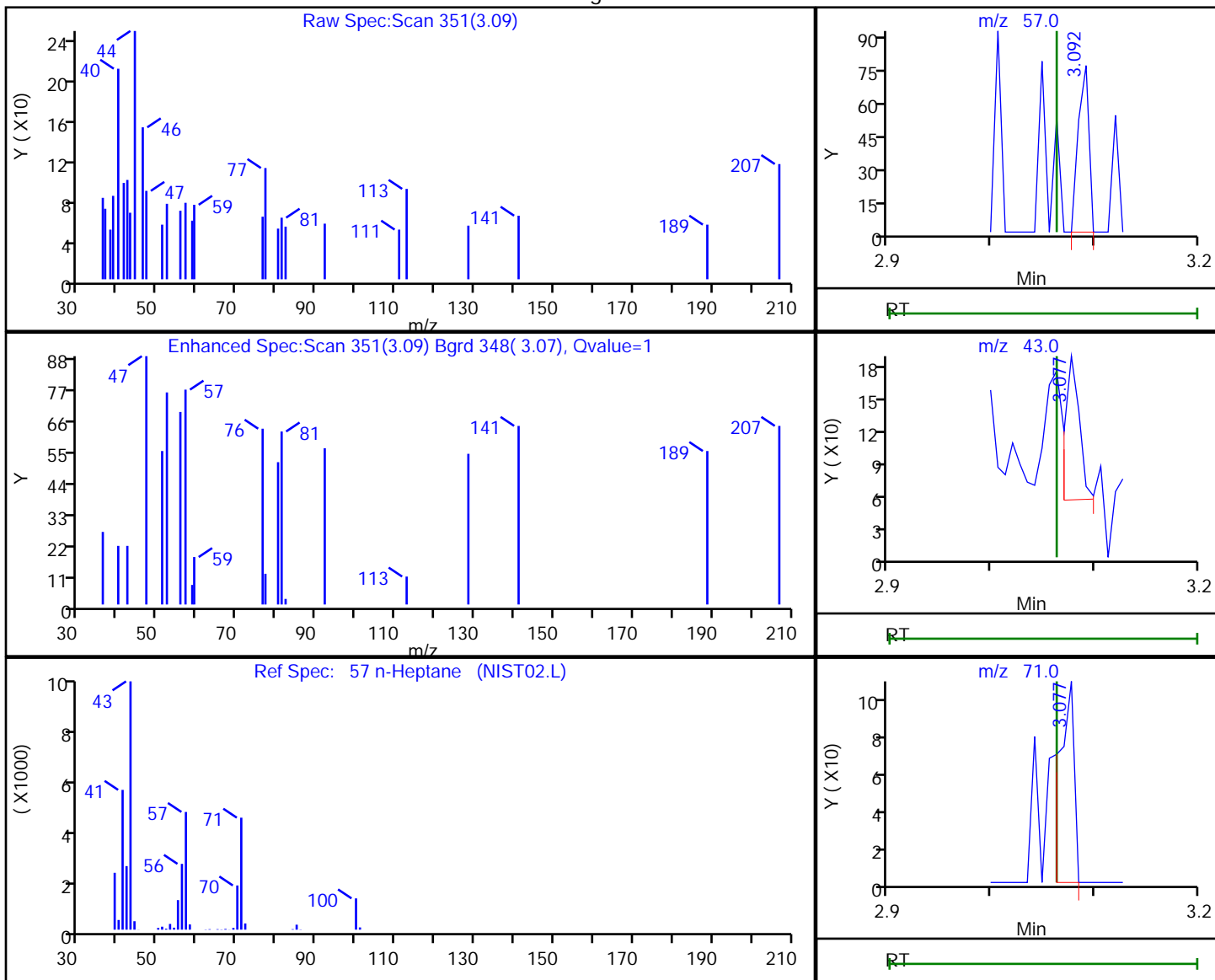
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.09	57.00	55	0.034247
3.08	43.00	129	
3.08	71.00	101	

Reviewer: baronm, 09-Jul-2020 10:06:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

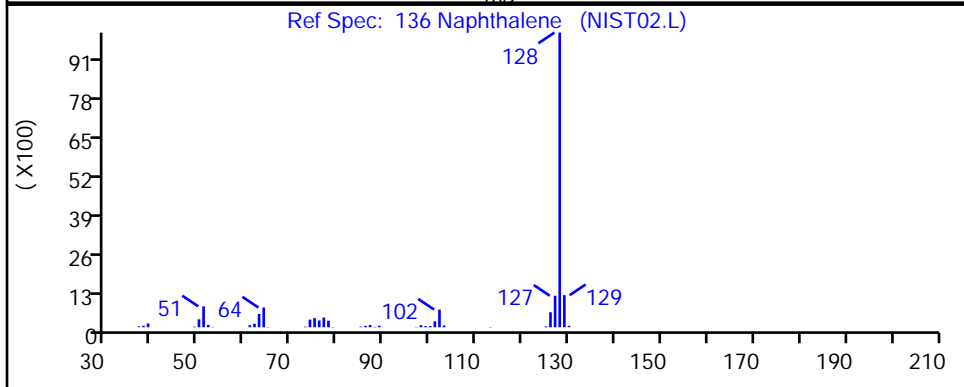
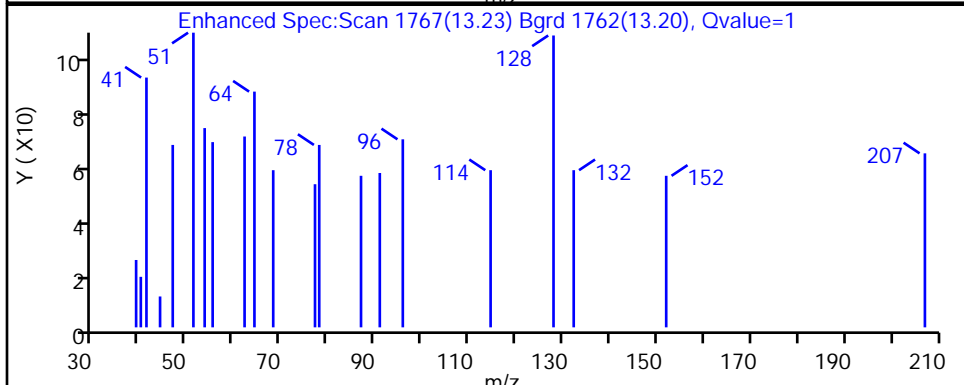
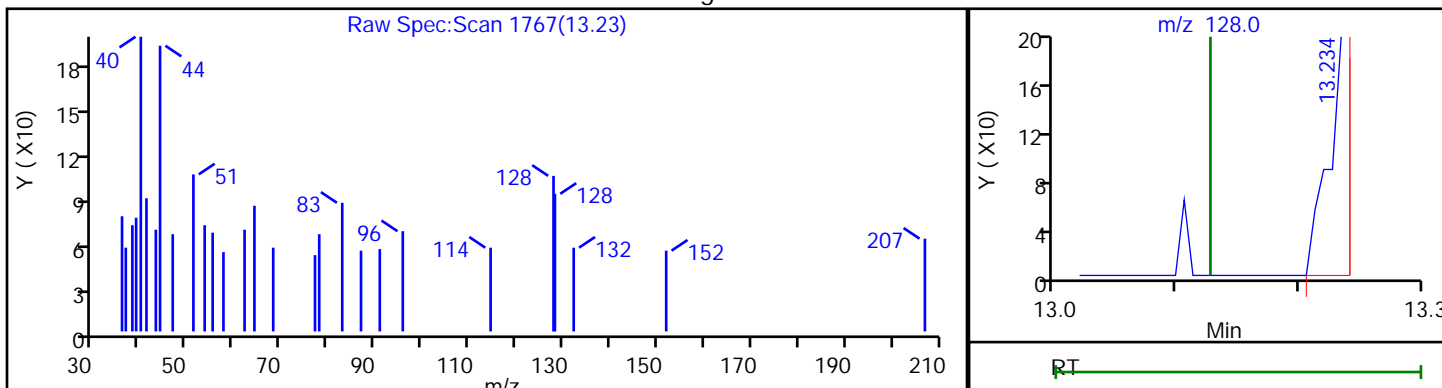
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.23	128.00	219	0.024851

Reviewer: baronm, 09-Jul-2020 10:07:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

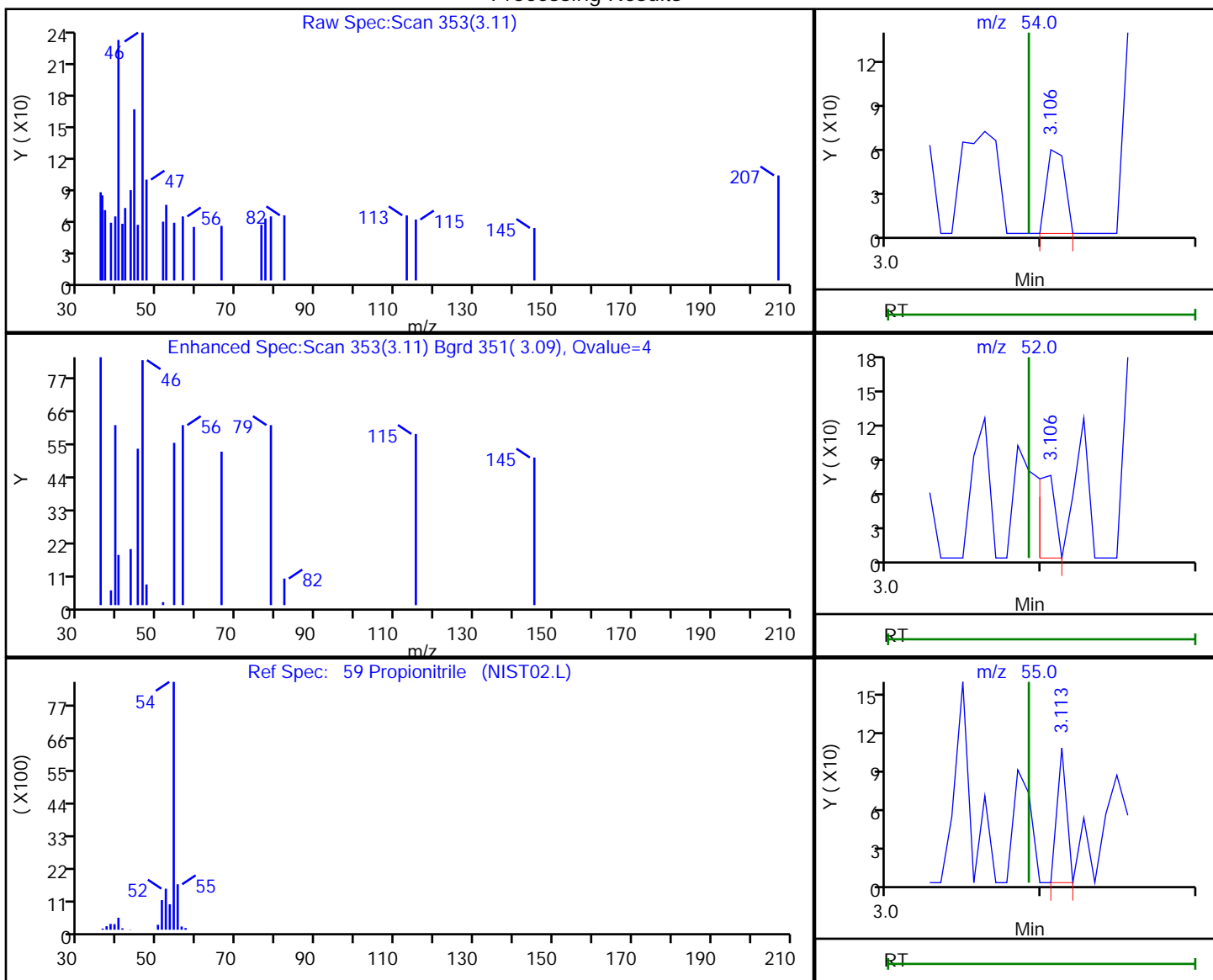
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.11	54.00	46	0.141486
3.11	52.00	61	
3.11	55.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:24

Audit Action: Marked Compound Undetected

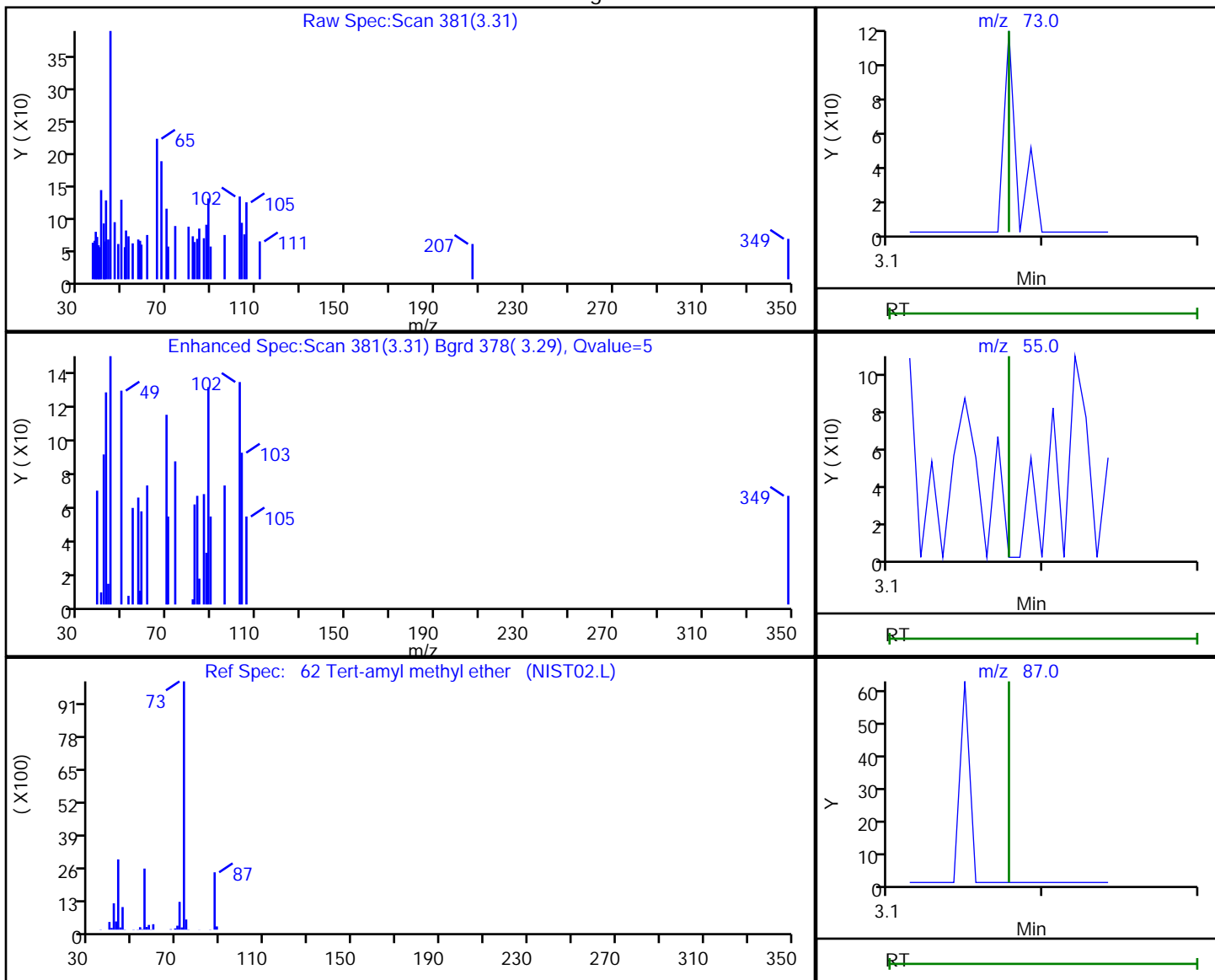
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.31	73.00	60	0.008791
3.29	55.00	53	
3.30	87.00	218	

Reviewer: baronm, 09-Jul-2020 10:06:26

Audit Action: Marked Compound Undetected

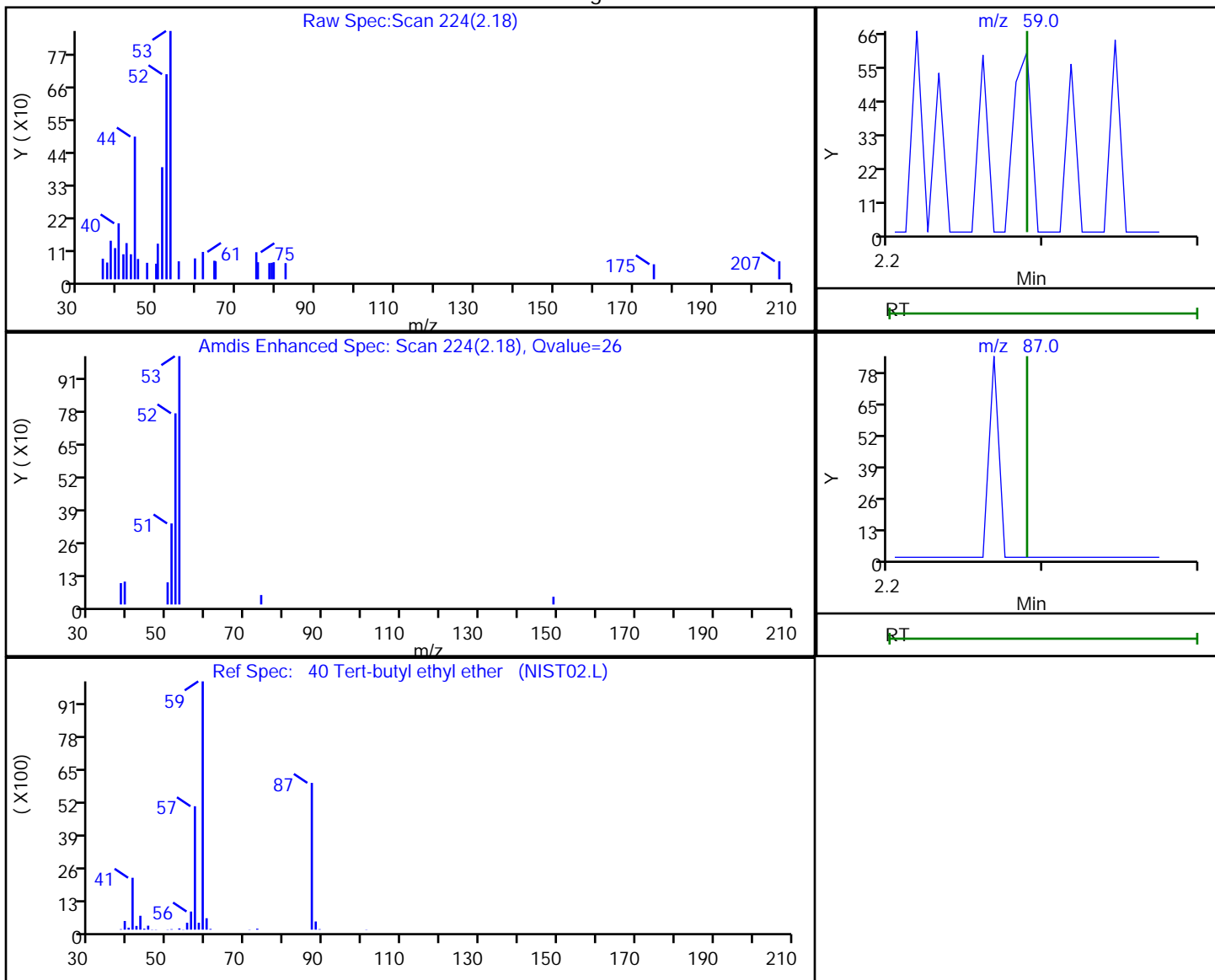
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

40 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
2.18	59.00	83	0.010190
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

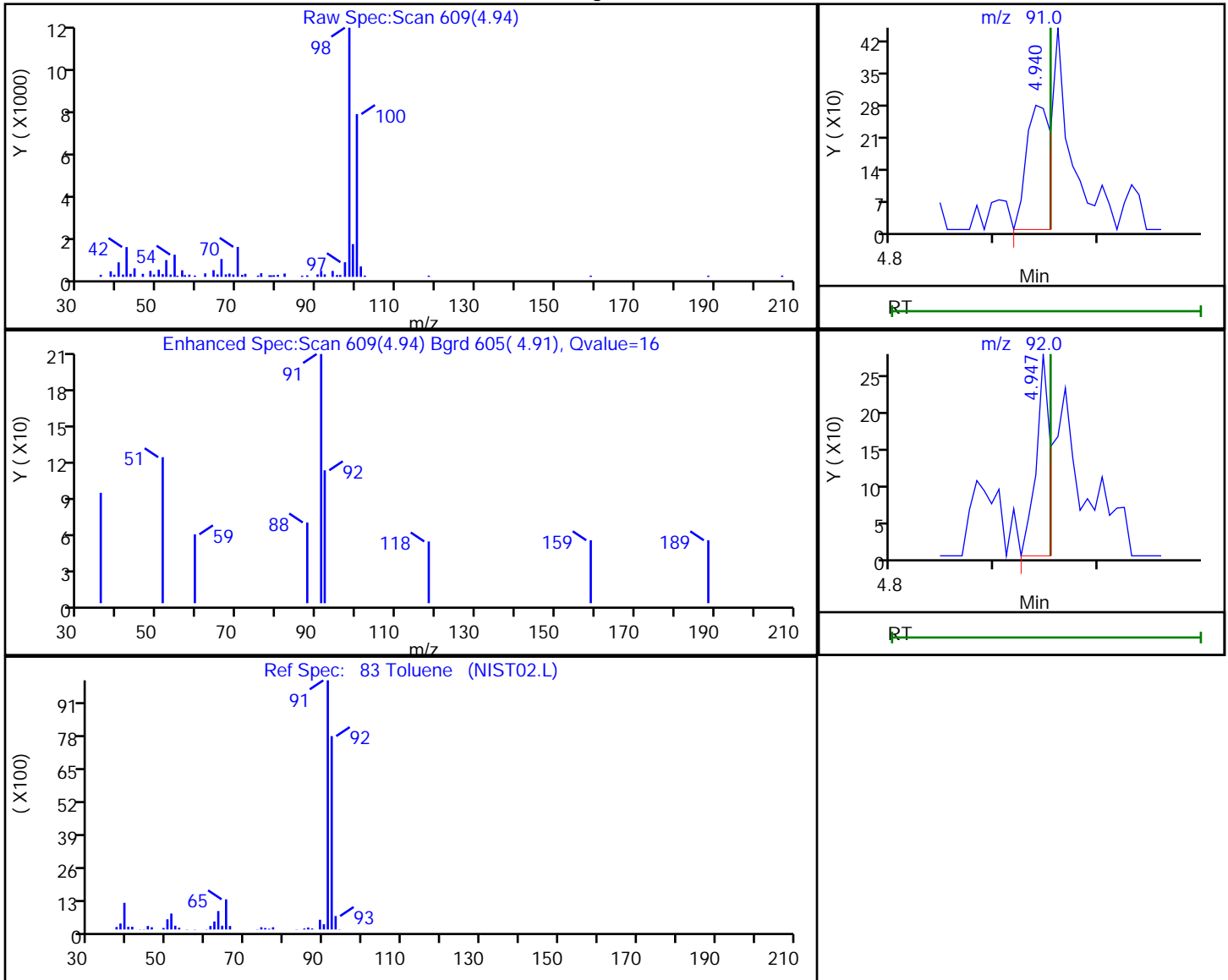
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
4.94	91.00	443	0.036484
4.95	92.00	255	

Reviewer: baronm, 09-Jul-2020 10:06:54

Audit Action: Marked Compound Undetected

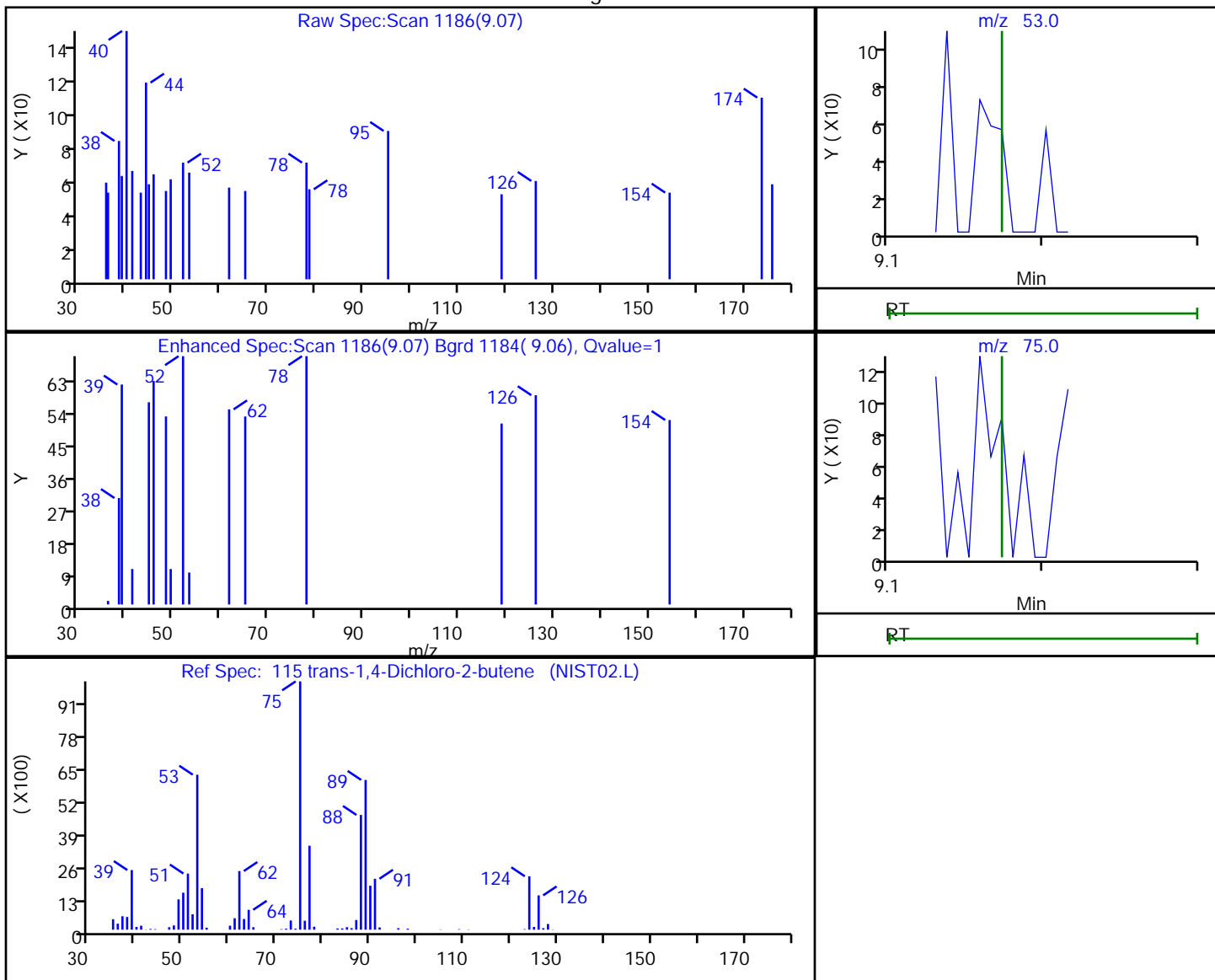
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.07	53.00	27	0.047191
9.08	75.00	233	

Reviewer: baronm, 09-Jul-2020 10:07:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

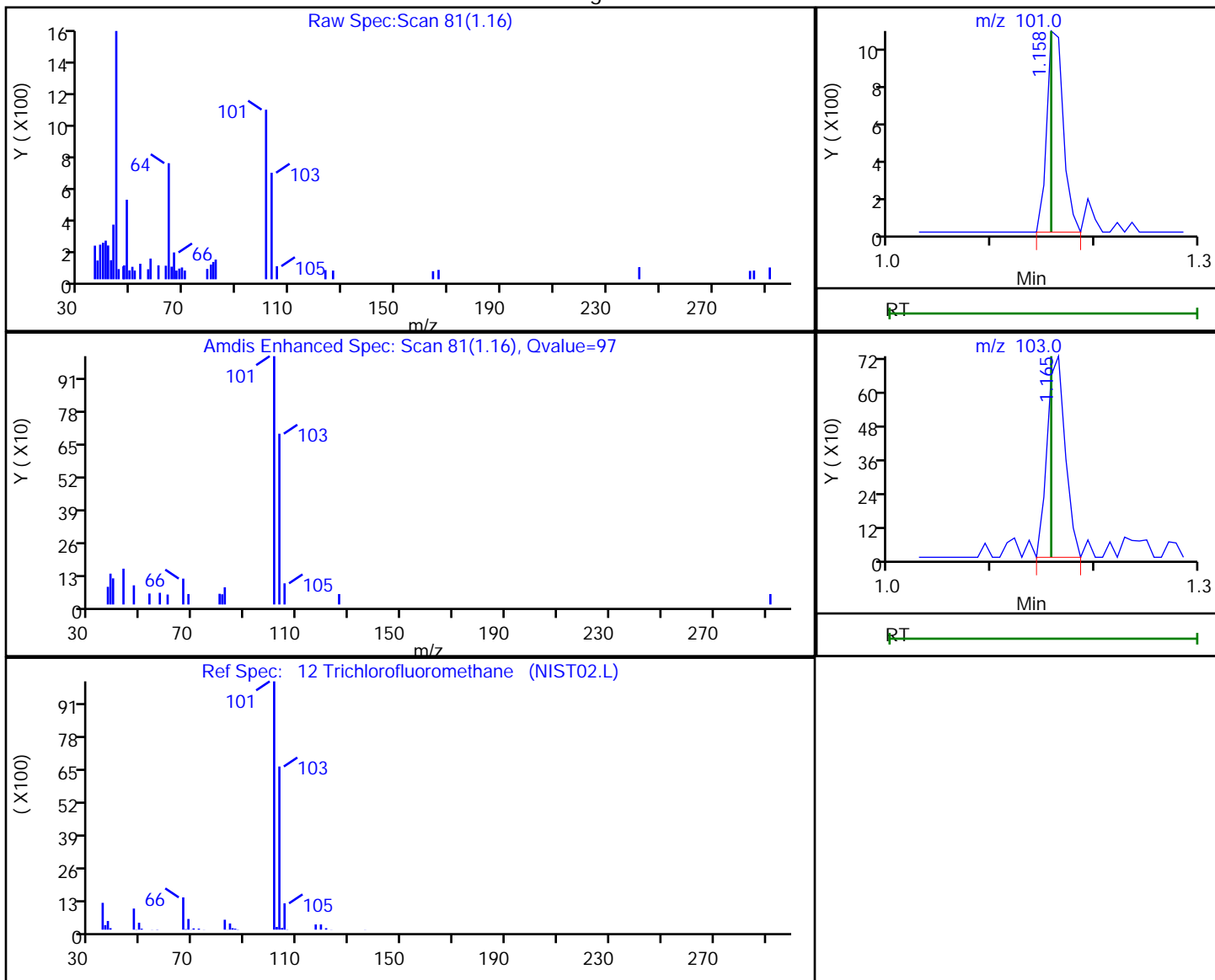
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.16	101.00	1171	0.231736
1.16	103.00	890	

Reviewer: baronm, 09-Jul-2020 10:04:02

Audit Action: Marked Compound Undetected

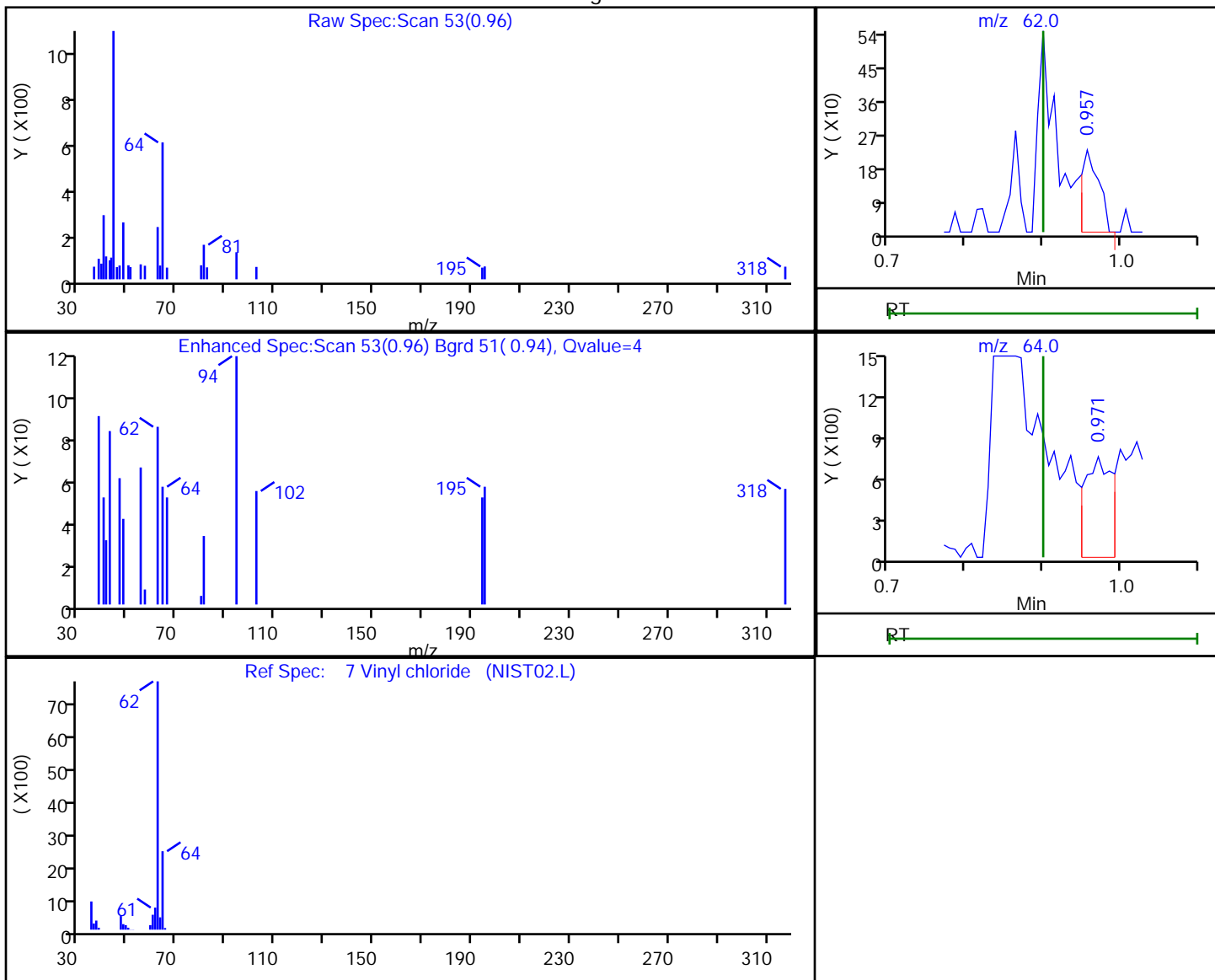
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.96	62.00	343	0.076729
0.97	64.00	1801	

Reviewer: baronm, 09-Jul-2020 10:03:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76754.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-Jul-2020 05:33:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0112940-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:09 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:35:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	87	4087	5.00	4.69	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	67	1153	5.00	6.07	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	26993	5.00	5.81	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	95	8651	5.00	5.09	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	95	3409	5.00	5.29	a
7 Vinyl chloride	62	0.900	0.900	0.000	58	23206	5.00	5.31	M
6 Chloromethane	50	0.900	0.900	0.000	75	31846	5.00	5.45	
8 Butadiene	54	0.900	0.900	0.000	94	19782	5.00	5.05	
9 Bromomethane	94	1.043	1.043	0.000	99	7879	5.00	3.36	
10 Chloroethane	64	1.100	1.100	0.000	99	15511	5.00	4.86	
11 Pentane	72	1.158	1.158	0.000	96	7519	10.0	10.7	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	29115	5.00	5.21	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	35162	5.00	5.20	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	98	27398	5.00	4.80	
15 Ethyl ether	59	1.308	1.308	0.000	97	15584	5.00	5.09	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	81	21221	5.00	4.28	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	15638	5.00	4.81	
19 Carbon disulfide	76	1.416	1.415	0.001	100	57897	5.00	4.80	
16 Ethanol	46	1.416	1.415	0.001	25	3440	200.0	185.2	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	85	17220	5.00	5.27	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	24580	5.00	4.77	
22 Iodomethane	142	1.473	1.473	0.000	96	6839	5.00	1.74	
23 Cyclopentene	67	1.552	1.552	0.000	96	44474	5.00	4.92	
24 Acrolein	56	1.573	1.573	0.000	96	6876	20.0	20.3	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	10360	5.00	5.11	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	8899	50.0	50.5	
27 Methylene Chloride	84	1.702	1.702	0.000	95	20870	5.00	5.30	
28 Acetone	43	1.724	1.731	-0.007	86	21685	25.0	25.3	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	18353	5.00	5.07	
30 Methyl acetate	43	1.795	1.795	0.000	99	20399	10.0	10.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	91	4489	5.00	5.37	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	96	45957	5.00	5.05	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	231289	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	14237	50.0	54.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	18079	50.0	51.8	
36 Isopropyl ether	45	2.067	2.067	0.000	94	47446	5.00	4.90	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	13826	5.00	4.98	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	28478	5.00	5.06	
39 Acrylonitrile	53	2.168	2.168	0.000	93	45697	50.0	49.8	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	41514	5.00	4.68	
41 Vinyl acetate	43	2.297	2.297	0.000	99	53370	10.0	9.20	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	17131	5.00	5.18	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	92	18469	5.00	4.73	
44 Cyclohexane	56	2.597	2.597	0.000	92	25309	5.00	5.06	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	8092	5.00	5.35	
46 Chloroform	83	2.662	2.662	0.000	98	28296	5.00	5.32	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	15969	5.00	4.81	
49 Methyl acrylate	55	2.769	2.762	0.007	72	9914	5.00	4.84	
48 Ethyl acetate	70	2.762	2.762	0.000	97	2955	10.0	9.93	
50 Tetrahydrofuran	42	2.769	2.769	0.000	92	9889	10.0	9.76	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	136439	50.0	50.8	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	21756	5.00	5.08	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	241436	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	96	7861	25.0	24.7	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	93	21892	5.00	5.05	a
56 Isooctane	57	2.970	2.970	0.000	97	38477	5.00	5.22	
58 Benzene	78	3.070	3.063	0.007	97	62674	5.00	5.08	
57 n-Heptane	57	3.063	3.063	0.000	93	9179	5.00	4.97	
59 Propionitrile	54	3.092	3.092	0.000	97	17715	50.0	48.1	
60 Methacrylonitrile	67	3.106	3.106	0.000	92	51325	50.0	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	159309	50.0	49.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	96	34393	5.00	4.64	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	96	19894	5.00	4.98	
64 Isobutyl alcohol	43	3.307	3.307	0.000	98	9400	125.0	109.3	
65 t-Amyl alcohol	59	3.378	3.371	0.007	86	6053	50.0	42.9	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	575055	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	97	21568	5.00	4.75	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	23968	5.00	5.11	
69 Trichloroethene	130	3.550	3.550	0.000	96	16159	5.00	5.26	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	29733	5.00	4.56	
71 Dibromomethane	93	3.915	3.908	0.007	92	8809	5.00	5.08	
72 n-Butanol	56	3.944	3.930	0.014	91	4709	125.0	82.6	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	15206	5.00	5.00	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	18588	5.00	4.91	
74 Ethyl acrylate	55	4.094	4.080	0.014	75	9706	5.00	4.07	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	67	22031	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	91	5452	10.0	9.19	
78 1,4-Dioxane	88	4.281	4.281	0.000	39	3164	100.0	107.9	
79 n-Propyl acetate	43	4.438	4.431	0.007	98	11629	5.00	4.41	
80 2-Chloroethyl vinyl ether	63	4.703	4.696	0.007	32	665	5.01	1.85	
81 cis-1,3-Dichloropropene	75	4.718	4.710	0.008	95	19628	5.00	4.60	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	496544	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	4.954	4.954	0.000	93	62726	5.00	4.97	
84 Epichlorohydrin	57	4.997	4.983	0.014	97	8106	100.0	62.5	
85 2-Nitropropane	41	5.205	5.205	0.000	98	4169	10.0	7.79	
86 Tetrachloroethene	166	5.377	5.369	0.008	96	14425	5.00	4.89	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	47828	25.0	22.8	
88 trans-1,3-Dichloropropene	75	5.463	5.455	0.008	97	16839	5.00	4.46	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	93	10448	5.00	5.22	
90 Ethyl methacrylate	69	5.721	5.713	0.007	90	12409	5.00	4.73	
91 Chlorodibromomethane	129	5.821	5.814	0.007	95	11482	5.00	4.75	
92 1,3-Dichloropropane	76	5.935	5.928	0.007	95	19948	5.00	4.87	
93 Ethylene Dibromide	107	6.071	6.057	0.014	97	10516	5.00	4.77	
94 n-Butyl acetate	43	6.422	6.415	0.007	96	13783	5.00	4.79	
95 2-Hexanone	43	6.480	6.473	0.007	96	32473	25.0	20.9	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	86	405394	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	39424	5.00	4.98	
98 Ethylbenzene	106	6.845	6.845	0.000	99	22001	5.00	5.02	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	91	11528	5.00	4.68	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	25653	5.00	4.88	
101 o-Xylene	106	7.647	7.640	0.007	93	23640	5.00	4.83	
102 Bromoform	173	7.712	7.705	0.007	90	5622	5.00	4.44	
103 Styrene	104	7.740	7.733	0.007	94	38048	5.00	4.77	
104 n-Butyl acrylate	73	8.084	8.070	0.014	96	6225	5.00	4.44	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	64113	5.00	4.85	
106 Amyl acetate (mixed isomers)	43	8.493	8.478	0.015	41	16400	5.00	4.72	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	91	167254	50.0	51.6	
108 Bromobenzene	156	8.600	8.600	0.000	96	17109	5.00	5.07	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	80141	5.00	5.08	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	13825	5.00	5.02	
111 2-Chlorotoluene	91	8.930	8.922	0.008	97	54970	5.00	4.99	
112 4-Ethyltoluene	105	8.951	8.944	0.007	98	64970	5.00	4.95	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	3978	5.00	5.13	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	94	52681	5.00	4.81	
115 trans-1,4-Dichloro-2-butene	53	9.209	9.173	0.036	54	1735	5.00	2.39	
116 4-Chlorotoluene	91	9.195	9.187	0.008	98	46486	5.00	4.73	
117 tert-Butylbenzene	119	9.567	9.560	0.007	94	44568	5.00	4.91	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	98	52486	5.00	4.73	
119 Butyl Methacrylate	87	9.717	9.710	0.007	95	12363	5.00	4.40	
120 sec-Butylbenzene	105	9.854	9.854	0.000	98	68809	5.00	4.86	
121 1,3-Dichlorobenzene	146	10.126	10.111	0.015	95	31206	5.00	4.88	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	54513	5.00	4.72	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	220443	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	93	35091	5.00	5.01	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	98	56346	5.00	4.83	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	93	57031	5.00	4.92	
127 Benzyl chloride	126	10.735	10.727	0.008	94	2923	5.00	4.42	
128 p-Diethylbenzene	119	10.749	10.742	0.007	86	27421	5.00	4.65	
129 n-Butylbenzene	91	10.835	10.828	0.007	98	53877	5.00	4.90	
130 1,2-Dichlorobenzene	146	10.935	10.928	0.007	95	31381	5.00	4.89	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	48700	5.00	4.52	
132 1,2-Dibromo-3-Chloropropane	157	12.088	12.081	0.007	92	2304	5.00	4.53	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	23131	5.00	4.72	
134 1,2,4-Trichlorobenzene	180	12.833	12.826	0.007	93	21503	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	8247	5.00	5.18	
136 Naphthalene	128	13.141	13.127	0.014	99	40378	5.00	4.67	
137 1,2,3-Trichlorobenzene	180	13.313	13.306	0.007	96	20926	5.00	5.21	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.07	
S 140 Xylenes, Total	100				0		10.0	9.71	
S 142 Total BTEX	1				0		25.0	24.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
GASES Li_00376	Amount Added: 10.00	Units: uL	
524freon_00024	Amount Added: 10.00	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\CVOAMS13\20200709-112940.b\P76754.D

Injection Date: 09-Jul-2020 05:33:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

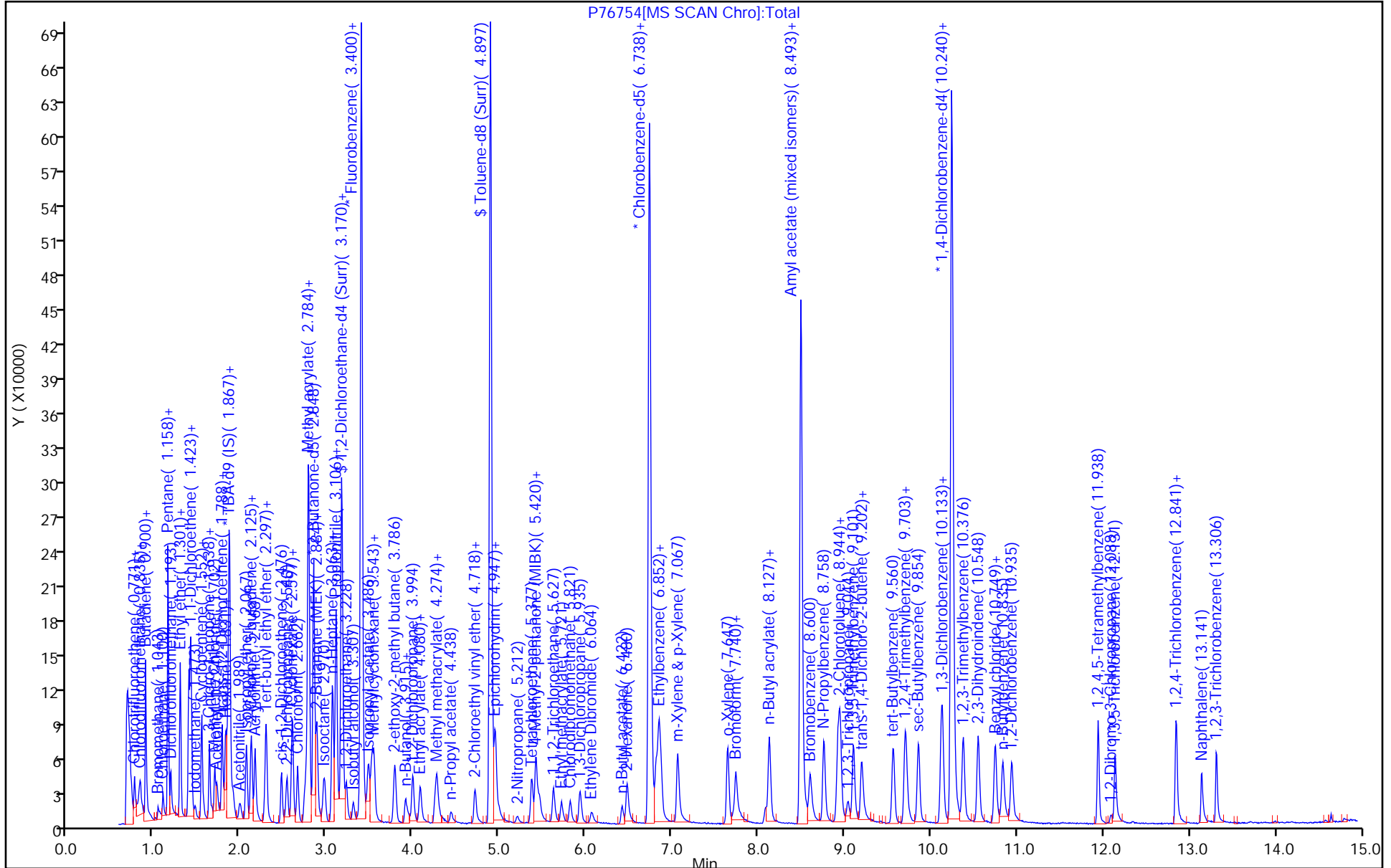
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

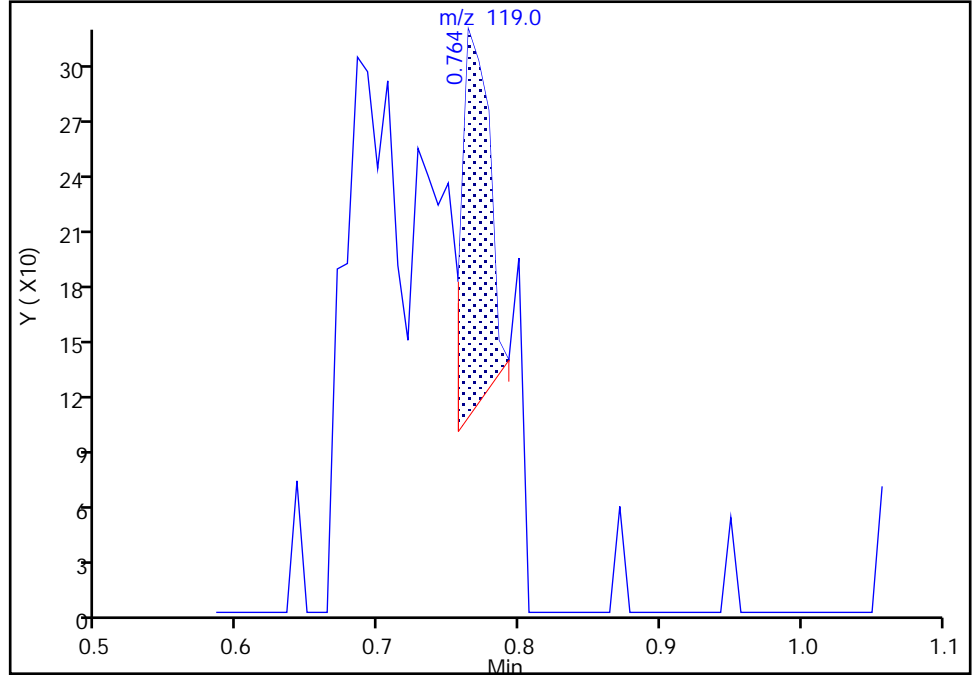
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

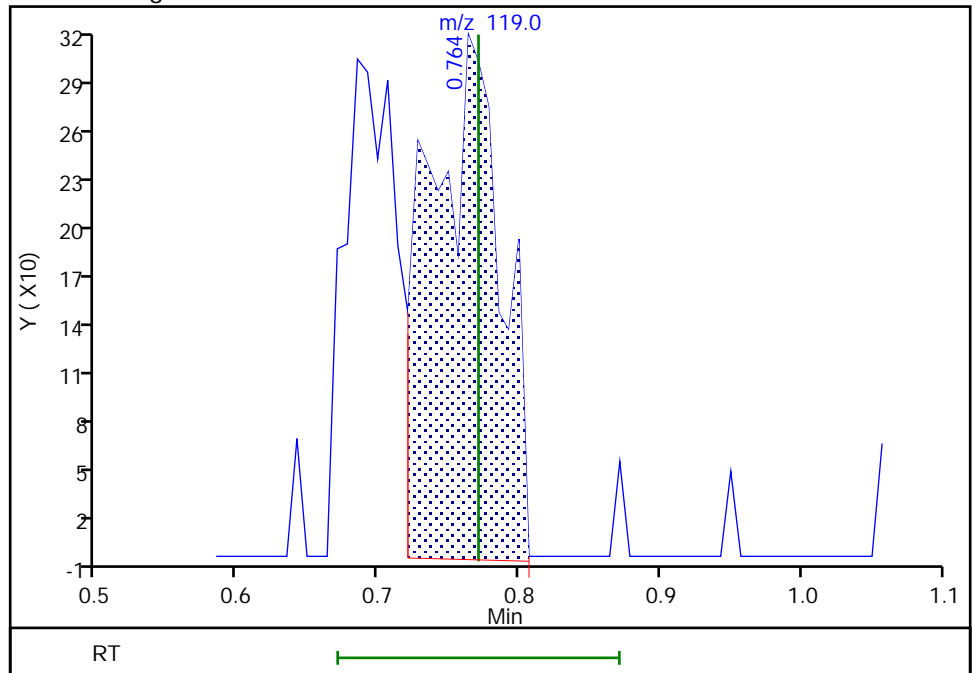
RT: 0.76
Area: 281
Amount: 1.442590
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 1153
Amount: 6.074483
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

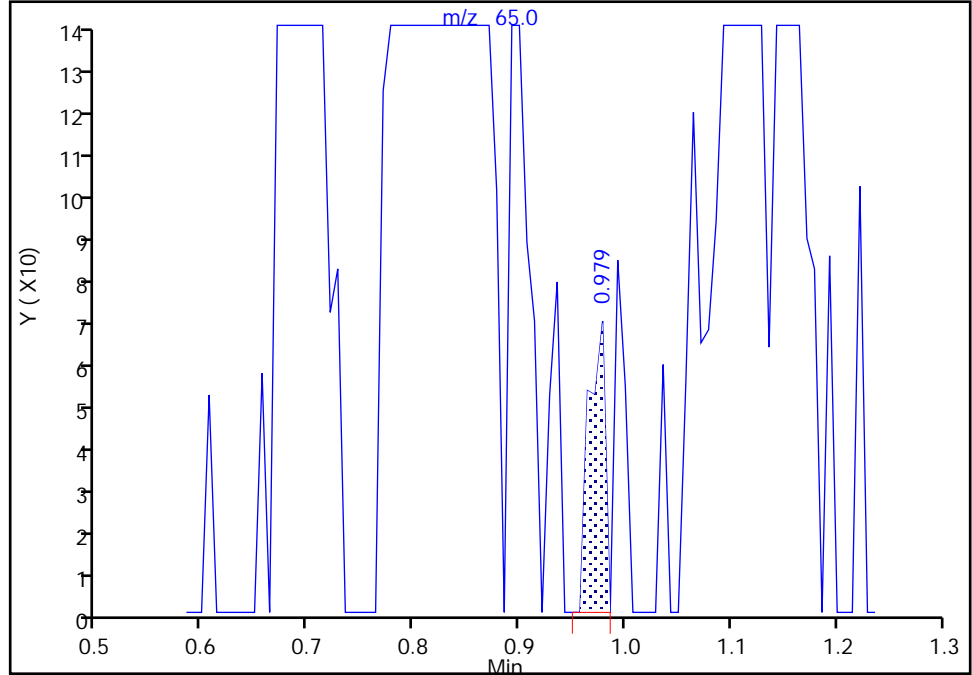
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

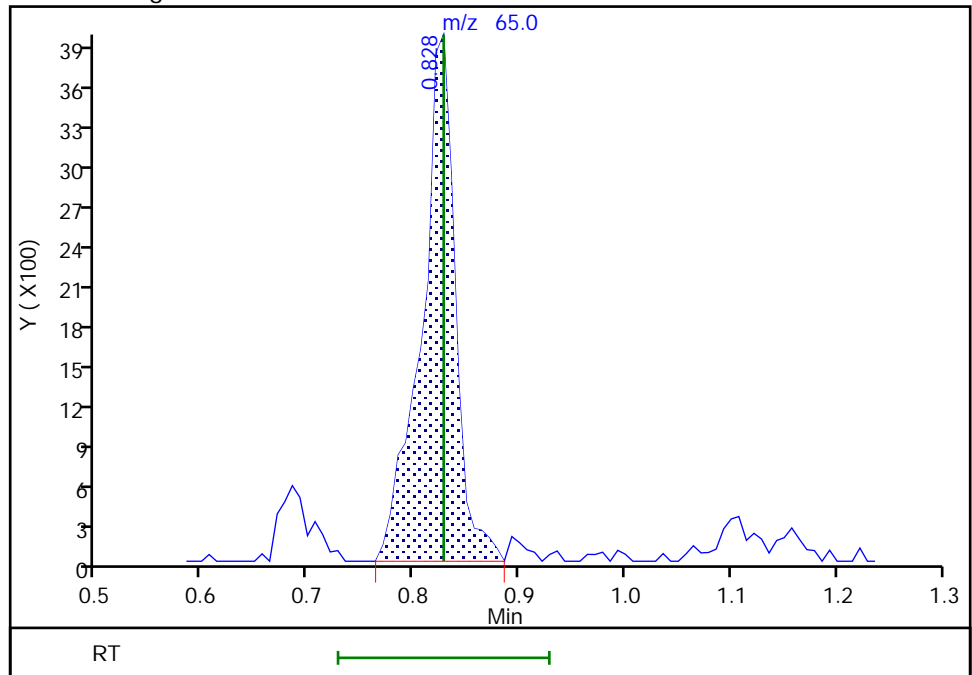
RT: 0.98
Area: 72
Amount: 0.057887
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 8651
Amount: 5.092619
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:35:00
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

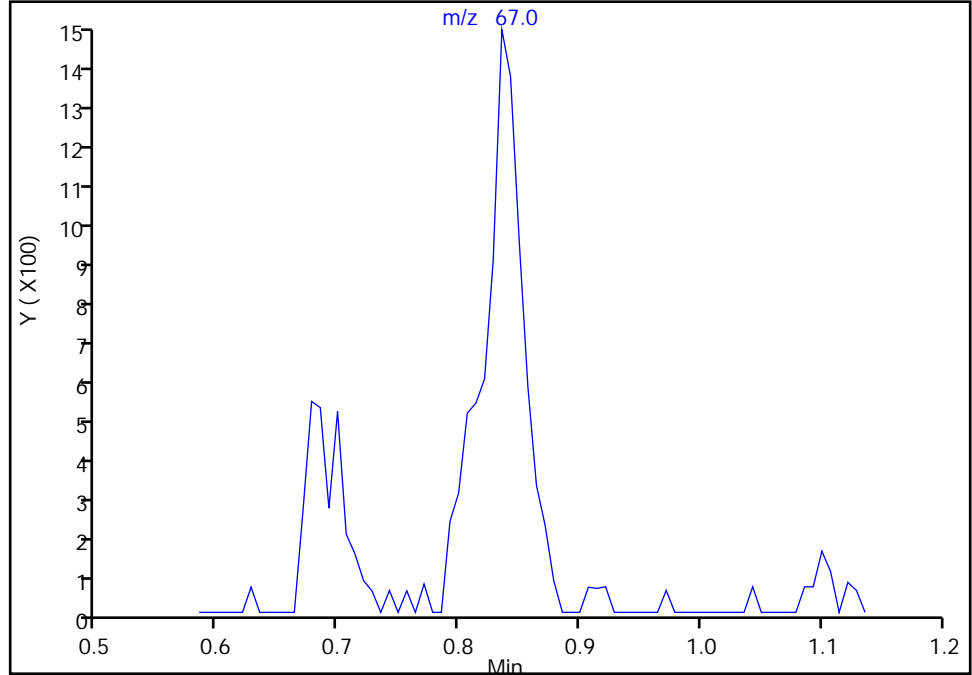
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

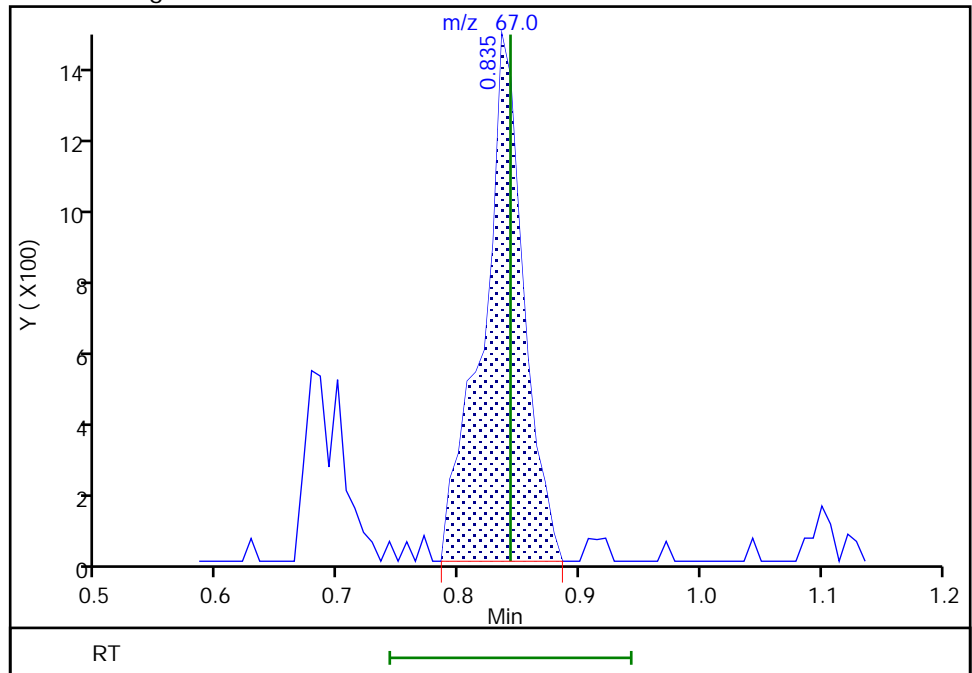
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 3409
Amount: 5.288320
Amount Units: ug/l



Eurofins TestAmerica, Edison

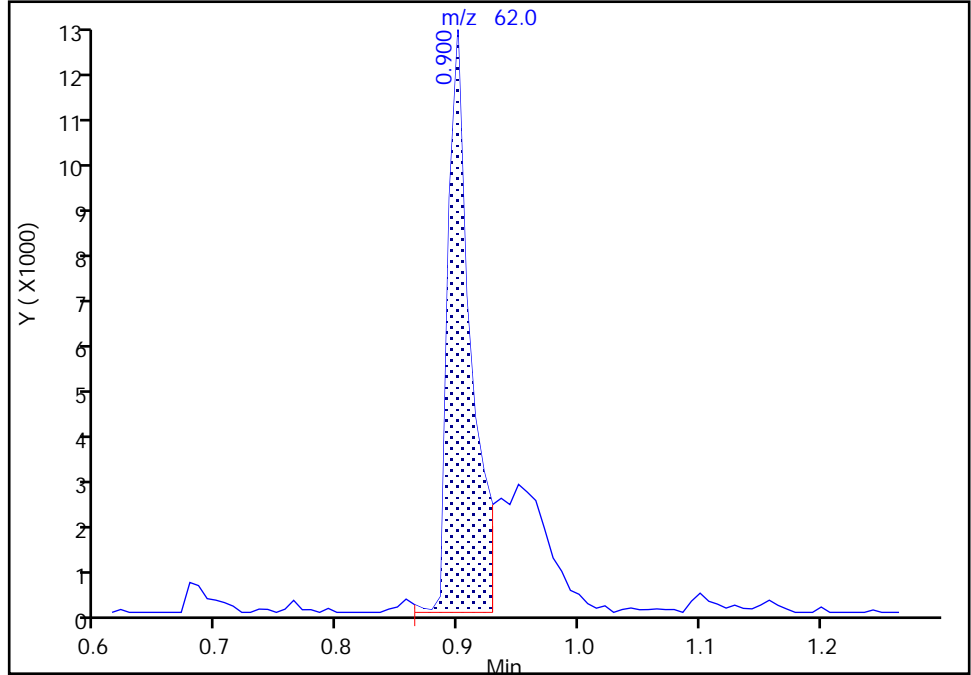
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

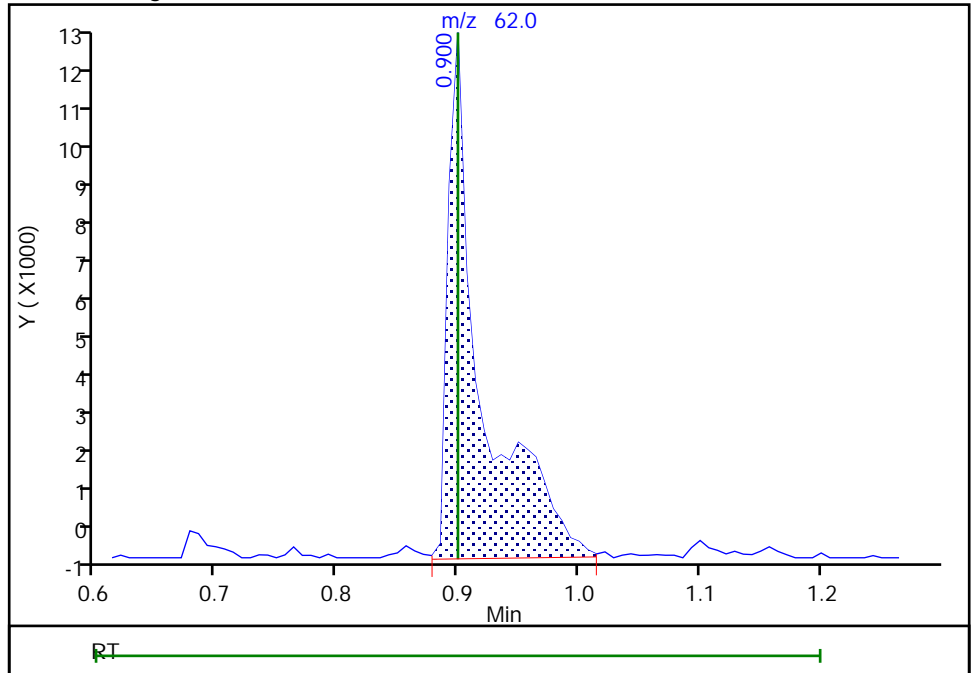
RT: 0.90
Area: 15974
Amount: 3.365687
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 23206
Amount: 5.308124
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

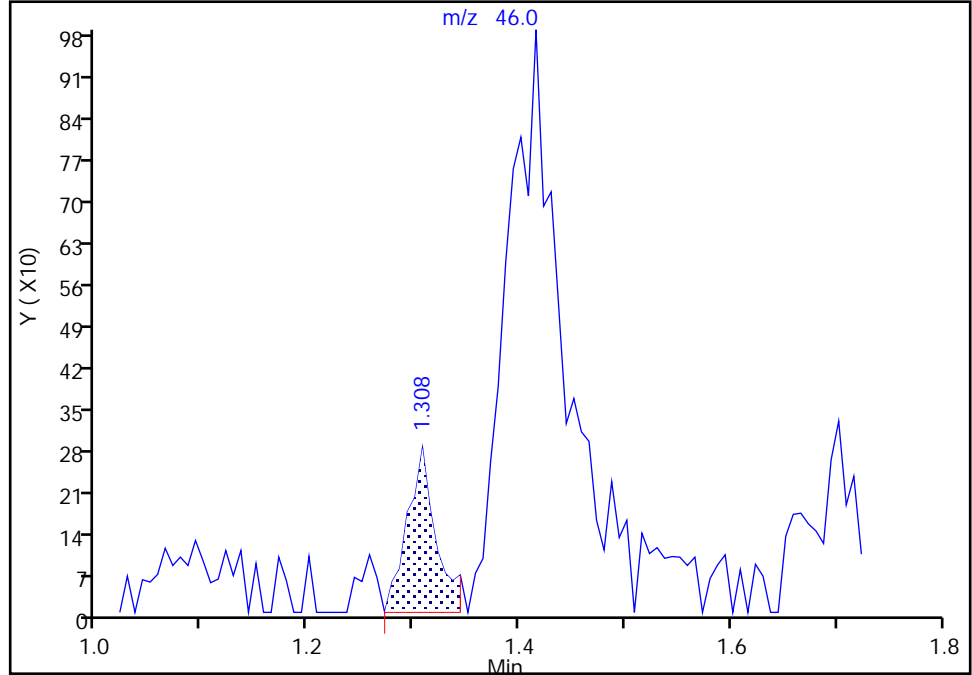
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

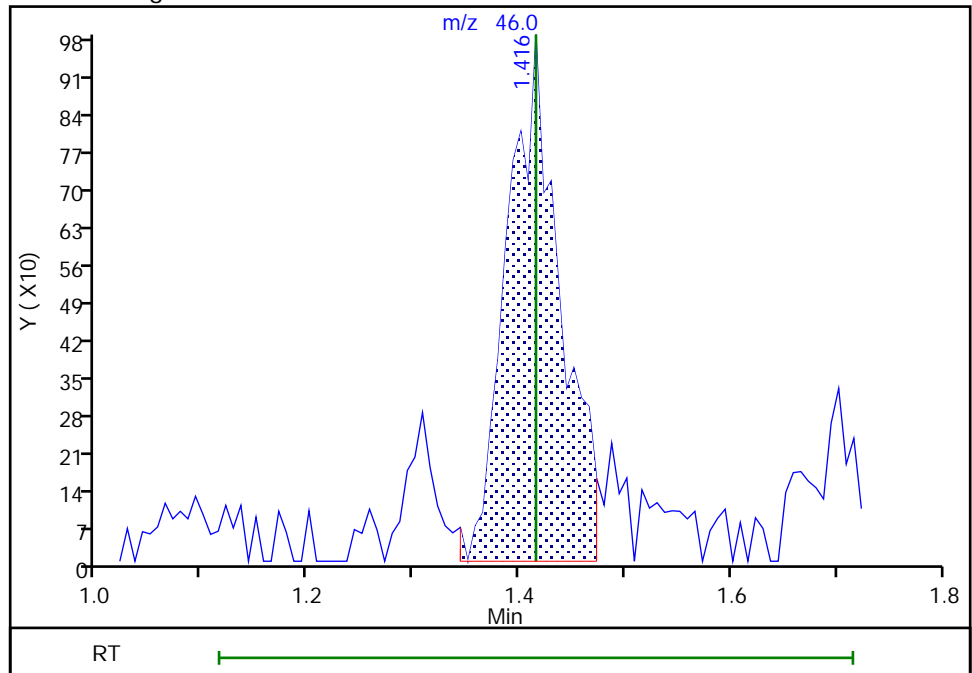
RT: 1.31
Area: 527
Amount: 35.675158
Amount Units: ug/l

Processing Integration Results



RT: 1.42
Area: 3440
Amount: 185.1968
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:43
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

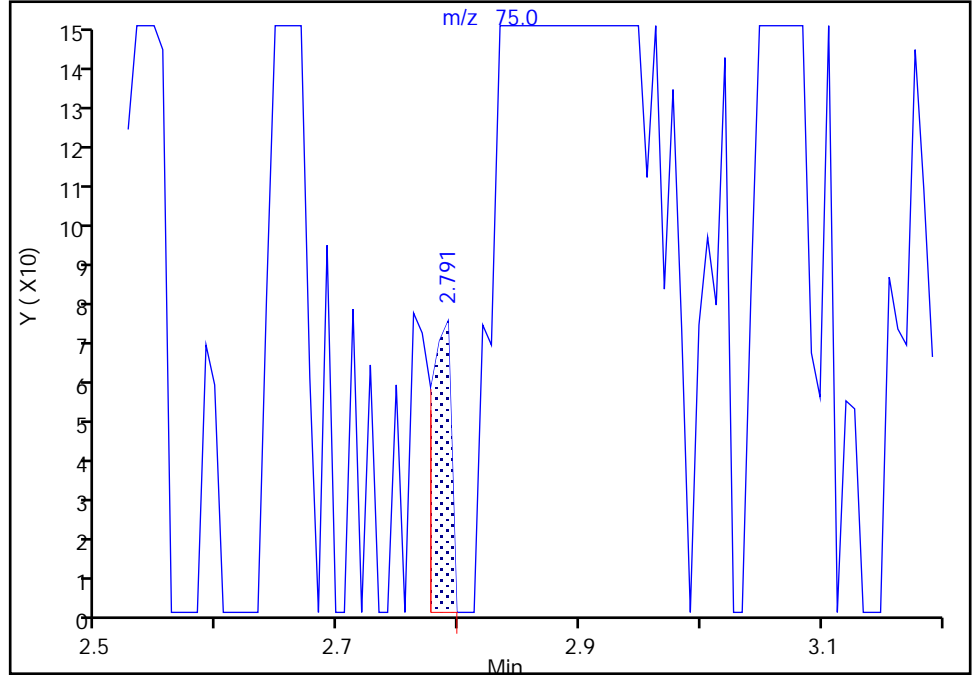
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

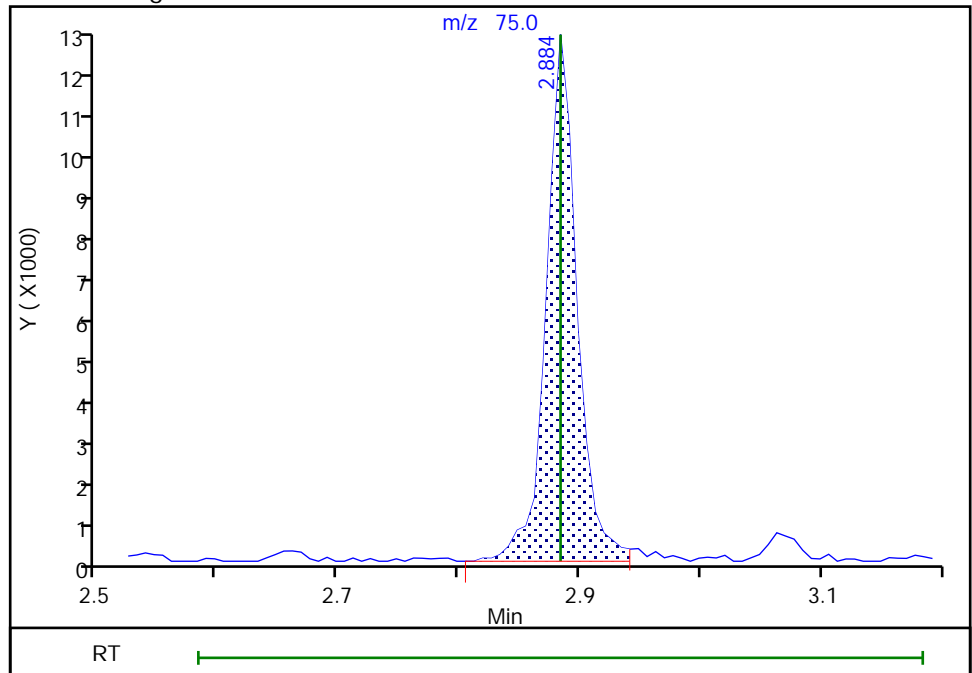
RT: 2.79
Area: 85
Amount: 0.030156
Amount Units: ug/l

Processing Integration Results



RT: 2.88
Area: 21892
Amount: 5.051665
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:58
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 09-Jul-2020 05:59:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0112940-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:26 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:32:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	18254	20.0	20.2	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	68	4759	20.0	24.2	Ma
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	100863	20.0	20.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	94	34157	20.0	19.4	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	13012	20.0	19.5	a
7 Vinyl chloride	62	0.900	0.900	0.000	95	89392	20.0	19.7	M
6 Chloromethane	50	0.900	0.900	0.000	99	115930	20.0	19.1	
8 Butadiene	54	0.900	0.900	0.000	95	83207	20.0	20.5	
9 Bromomethane	94	1.043	1.043	0.000	99	32803	20.0	13.3	
10 Chloroethane	64	1.100	1.100	0.000	100	78077	20.0	23.6	
11 Pentane	72	1.158	1.158	0.000	96	31155	40.0	42.5	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	124084	20.0	21.4	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	99	141519	20.0	20.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	116683	20.0	19.7	a
15 Ethyl ether	59	1.308	1.308	0.000	94	63153	20.0	19.9	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	63216	20.0	18.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	82	103350	20.0	20.1	
19 Carbon disulfide	76	1.415	1.415	0.000	100	232917	20.0	18.6	
16 Ethanol	46	1.415	1.415	0.000	25	12644	800.0	653.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	85	67314	20.0	19.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	101505	20.0	19.0	
22 Iodomethane	142	1.473	1.473	0.000	99	42142	20.0	10.4	M
23 Cyclopentene	67	1.552	1.552	0.000	97	182766	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	95	13624	40.0	38.6	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	40489	20.0	19.3	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	38505	200.0	209.7	
27 Methylene Chloride	84	1.702	1.702	0.000	95	81158	20.0	19.9	
28 Acetone	43	1.731	1.731	0.000	86	81656	100.0	90.1	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	96	69882	20.0	18.6	
30 Methyl acetate	43	1.795	1.795	0.000	100	82664	40.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	88	16785	20.0	19.4	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	191395	20.0	20.3	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	98	241100	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	54651	200.0	200.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	72311	200.0	198.9	
36 Isopropyl ether	45	2.067	2.067	0.000	96	198190	20.0	19.8	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54384	20.0	18.9	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	116262	20.0	19.9	
39 Acrylonitrile	53	2.168	2.168	0.000	93	195368	200.0	205.3	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	177567	20.0	19.3	
41 Vinyl acetate	43	2.297	2.297	0.000	100	241008	40.0	40.1	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	63489	20.0	18.5	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	79755	20.0	19.7	
44 Cyclohexane	56	2.597	2.597	0.000	94	102728	20.0	19.8	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	32336	20.0	20.6	
46 Chloroform	83	2.662	2.662	0.000	98	107212	20.0	19.4	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	65776	20.0	19.1	
49 Methyl acrylate	55	2.762	2.762	0.000	52	43059	20.0	20.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	11704	40.0	37.2	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	39877	40.0	37.3	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	97	137859	50.0	49.5	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	87559	20.0	19.7	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	254900	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	31732	100.0	94.3	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	85782	20.0	19.1	
56 Isooctane	57	2.970	2.970	0.000	98	150312	20.0	19.7	
58 Benzene	78	3.063	3.063	0.000	96	256703	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	90	35561	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	93	72252	200.0	188.4	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	217139	200.0	200.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166387	50.0	49.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	97	144066	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	80376	20.0	19.4	
64 Isobutyl alcohol	43	3.307	3.307	0.000	97	41718	500.0	465.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	88	25067	200.0	170.3	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	595897	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	94028	20.0	20.0	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	92234	20.0	19.0	
69 Trichloroethene	130	3.550	3.550	0.000	98	61023	20.0	19.2	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	125791	20.0	18.6	
71 Dibromomethane	93	3.908	3.908	0.000	96	35611	20.0	19.8	
72 n-Butanol	56	3.930	3.930	0.000	93	24225	500.0	406.5	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	63808	20.0	20.2	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	75130	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	99	53765	20.0	20.2	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	92	23586	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	89	24463	40.0	39.8	
78 1,4-Dioxane	88	4.281	4.281	0.000	37	11722	400.0	373.5	
79 n-Propyl acetate	43	4.431	4.431	0.000	98	60031	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	90	3150	20.0	8.48	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	87216	20.0	19.6	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	513010	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	92	253243	20.0	19.3	
84 Epichlorohydrin	57	4.983	4.983	0.000	98	46672	400.0	340.7	
85 2-Nitropropane	41	5.205	5.205	0.000	100	19466	40.0	35.1	
86 Tetrachloroethene	166	5.369	5.369	0.000	97	59540	20.0	19.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	98	219384	100.0	98.9	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	77775	20.0	19.8	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	41567	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	60848	20.0	20.2	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	50459	20.0	20.0	
92 1,3-Dichloropropene	76	5.928	5.928	0.000	94	87777	20.0	20.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	48667	20.0	21.2	
94 n-Butyl acetate	43	6.415	6.415	0.000	99	64369	20.0	19.8	
95 2-Hexanone	43	6.473	6.473	0.000	97	153754	100.0	93.3	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	422008	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	159559	20.0	19.4	
98 Ethylbenzene	106	6.845	6.845	0.000	99	88554	20.0	19.4	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	93	48669	20.0	19.0	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	105785	20.0	19.3	
101 o-Xylene	106	7.640	7.640	0.000	94	103945	20.0	20.4	
102 Bromoform	173	7.705	7.705	0.000	94	26830	20.0	19.1	
103 Styrene	104	7.733	7.733	0.000	95	168569	20.0	20.3	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	34008	20.0	20.2	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	276192	20.0	20.1	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	91	82415	20.0	19.9	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	90	173964	50.0	51.5	
108 Bromobenzene	156	8.600	8.600	0.000	96	71752	20.0	19.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	337429	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	98	58604	20.0	19.7	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	228717	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	278872	20.0	19.6	
113 1,2,3-Trichloropropene	110	9.037	9.037	0.000	97	17072	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	228368	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	45	11927	20.0	15.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	209577	20.0	19.7	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	193910	20.0	19.8	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	233031	20.0	19.4	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	66529	20.0	19.7	
120 sec-Butylbenzene	105	9.854	9.854	0.000	99	297039	20.0	19.4	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	134558	20.0	19.5	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	245666	20.0	19.7	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	238228	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	94	143873	20.0	19.0	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	245455	20.0	19.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	247343	20.0	19.7	
127 Benzyl chloride	126	10.727	10.727	0.000	97	15569	20.0	19.0	
128 p-Diethylbenzene	119	10.742	10.742	0.000	93	122626	20.0	19.3	
129 n-Butylbenzene	91	10.828	10.828	0.000	99	226033	20.0	19.0	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	134524	20.0	19.4	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	231706	20.0	19.9	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	91	11564	20.0	21.1	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	102998	20.0	19.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	92866	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	33445	20.0	19.4	
136 Naphthalene	128	13.127	13.127	0.000	99	199924	20.0	21.4	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	85825	20.0	19.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	39.7	
S 142 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

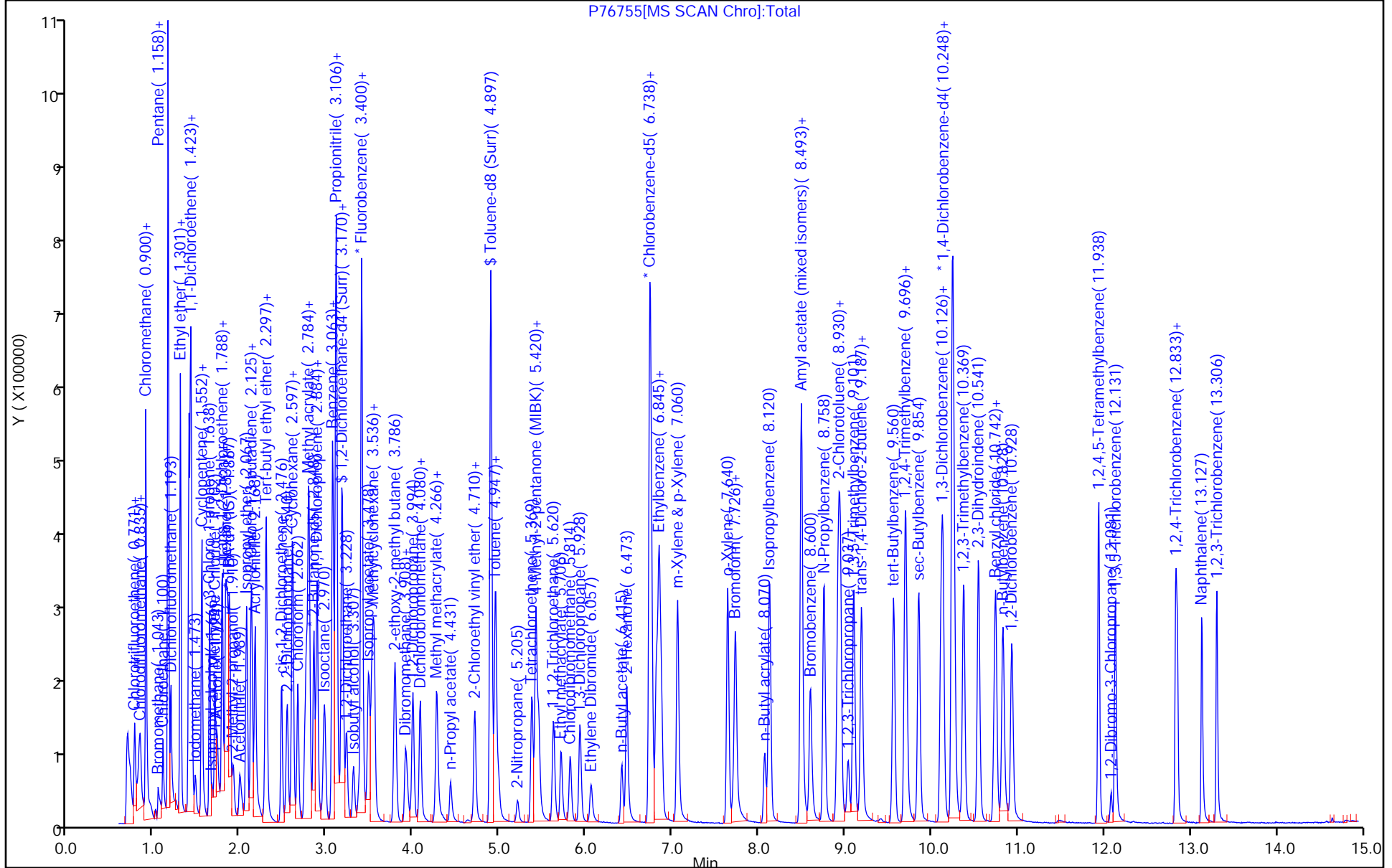
Review Flags

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	
GASES Li_00376	Amount Added: 20.00	Units: uL	
524freon_00024	Amount Added: 20.00	Units: uL	
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8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

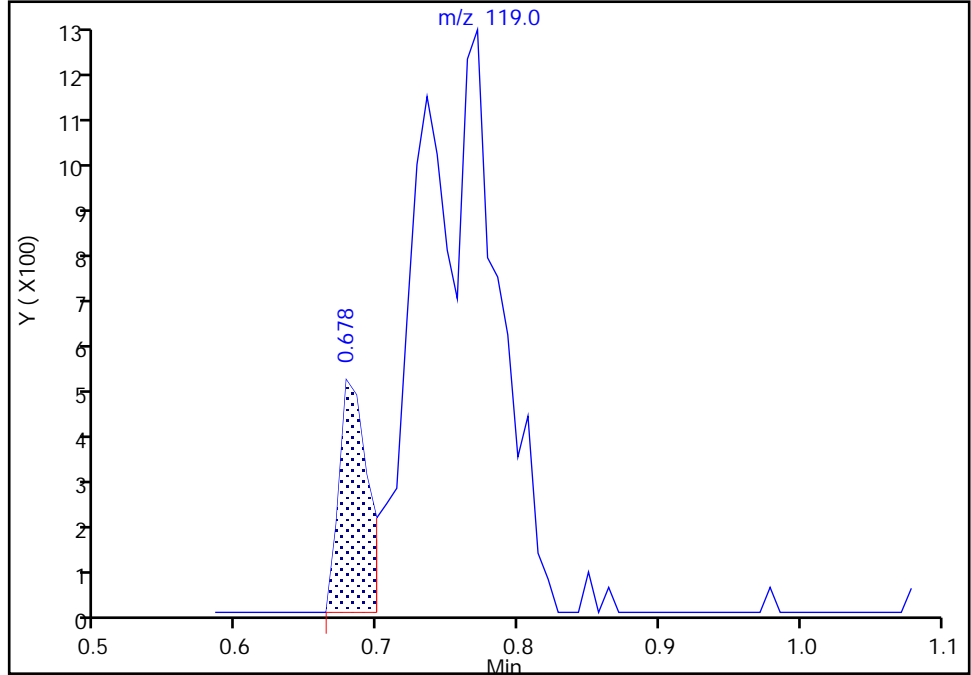
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

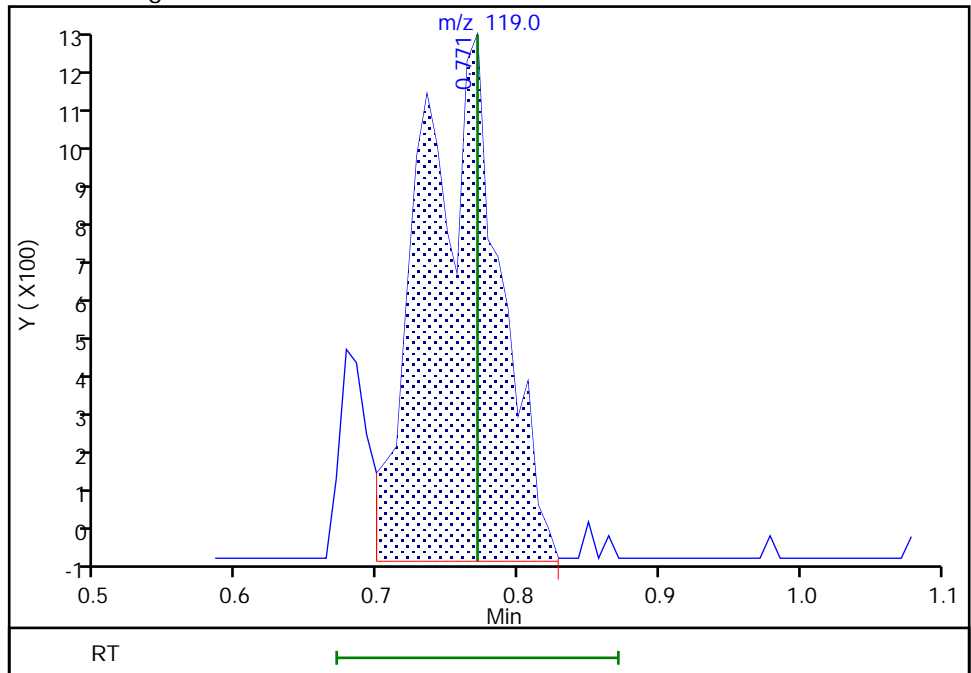
RT: 0.68
Area: 689
Amount: 4.131603
Amount Units: ug/l

Processing Integration Results



RT: 0.77
Area: 4759
Amount: 24.195460
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:06:02
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

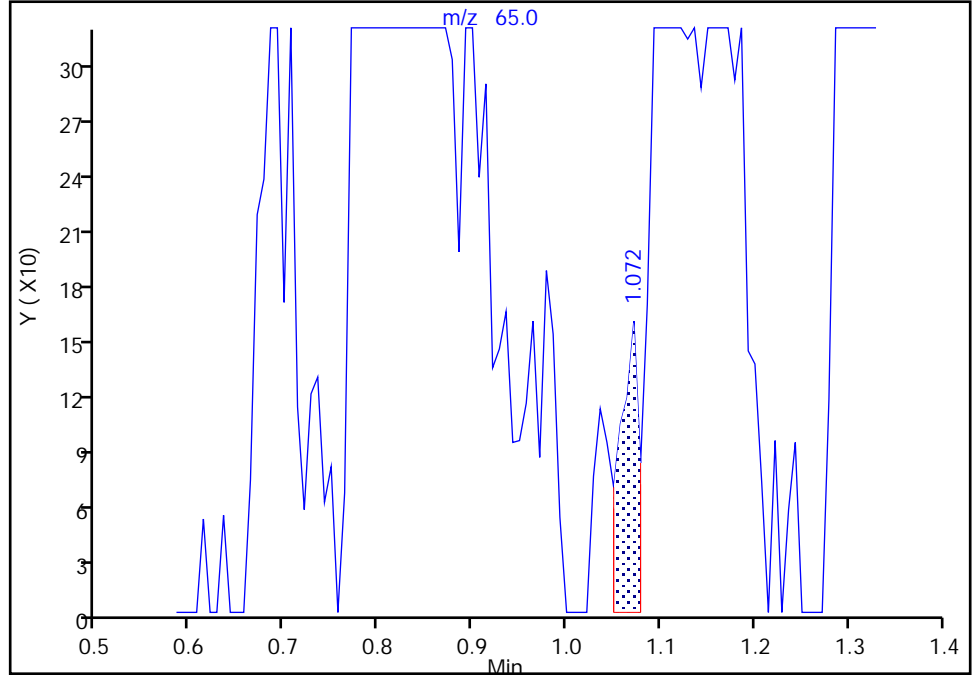
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

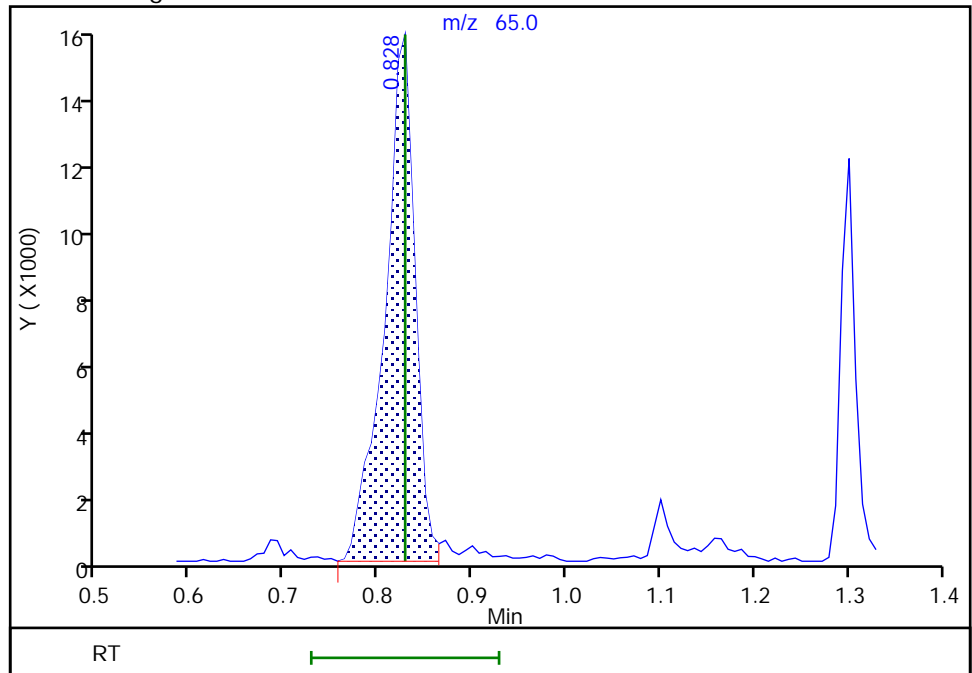
RT: 1.07
Area: 223
Amount: 0.302647
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 34157
Amount: 19.404067
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

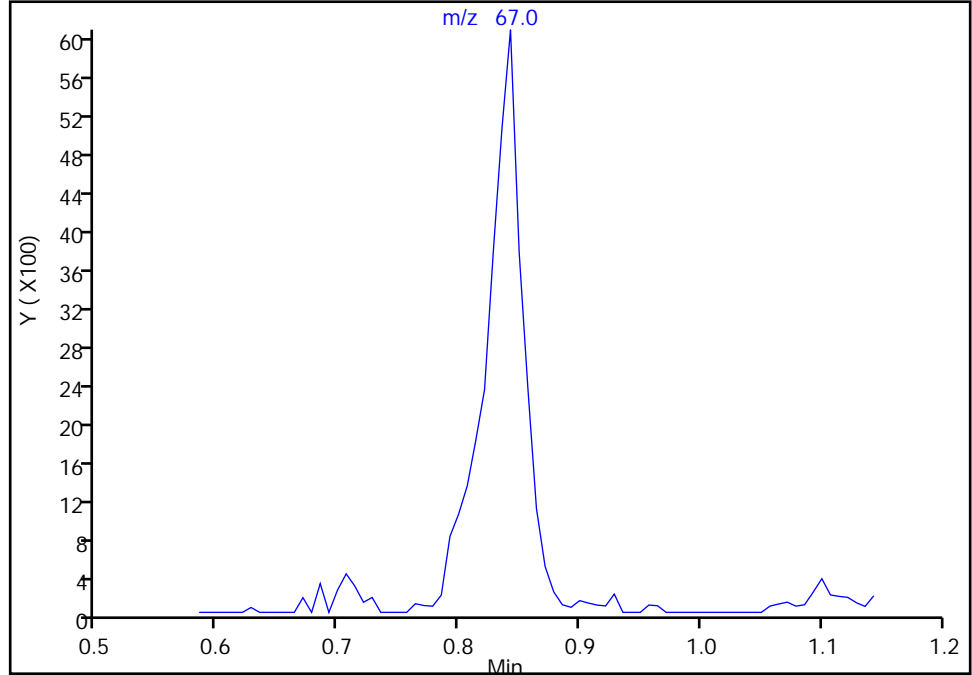
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

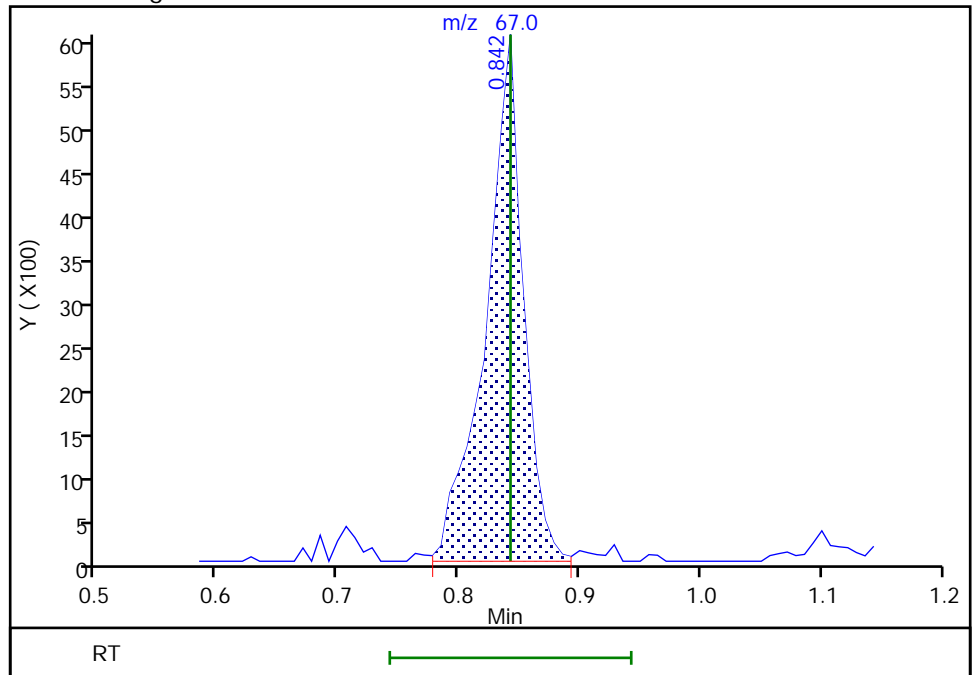
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 13012
Amount: 19.479283
Amount Units: ug/l



Eurofins TestAmerica, Edison

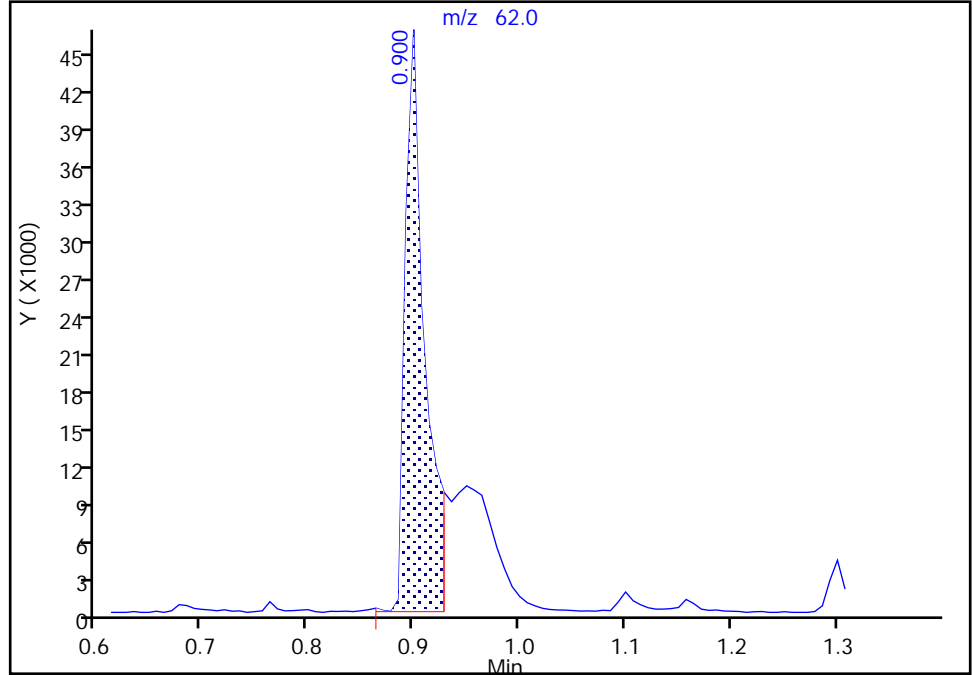
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

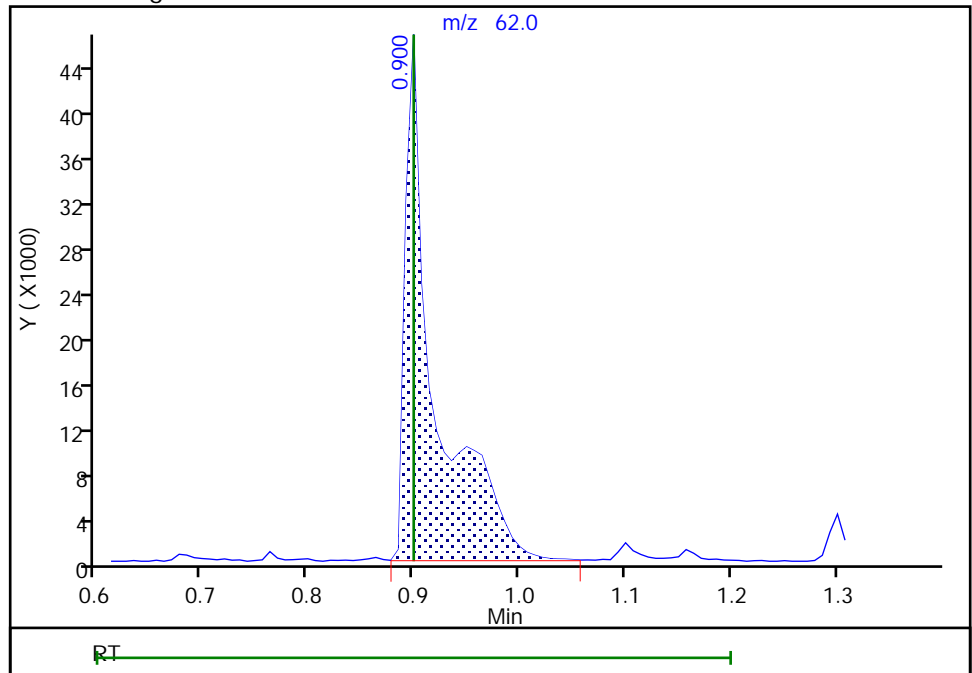
RT: 0.90
Area: 60188
Amount: 12.340852
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 89392
Amount: 19.732297
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:11:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

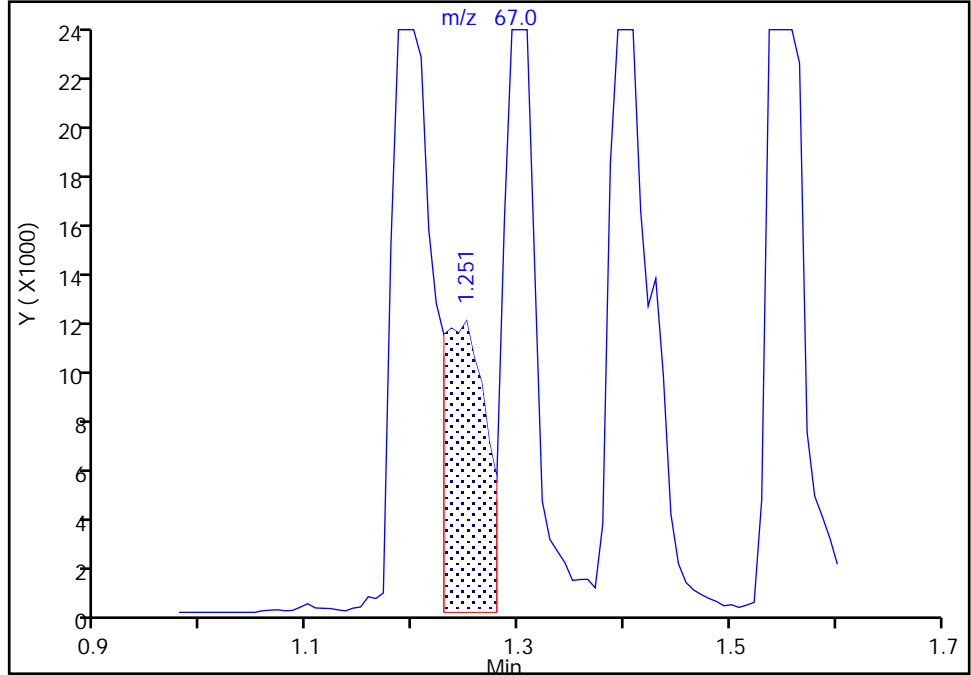
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Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

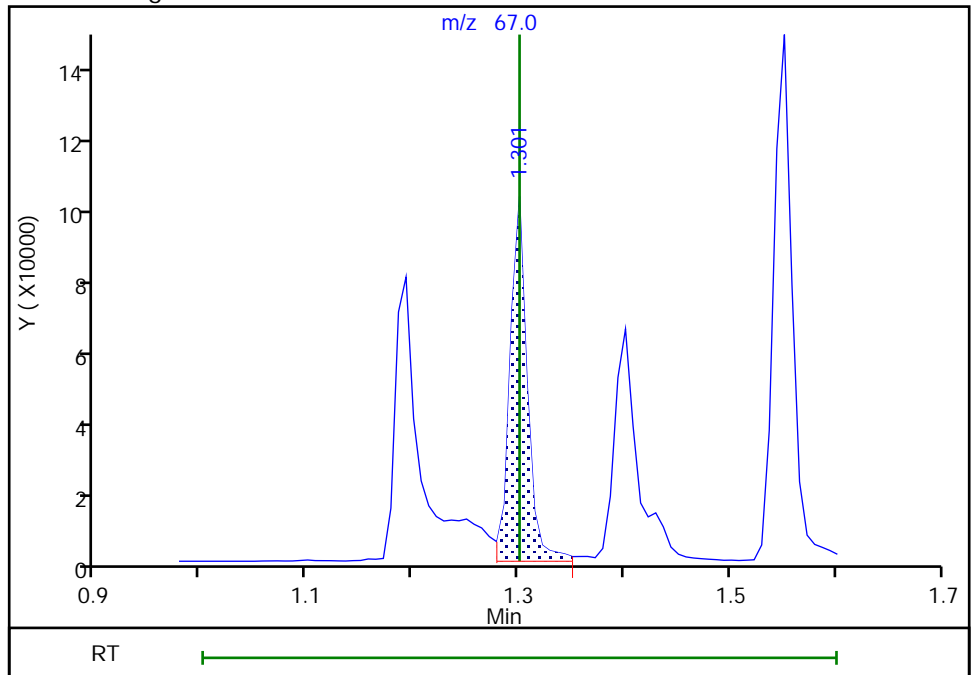
RT: 1.25
Area: 33516
Amount: 5.967561
Amount Units: ug/l

Processing Integration Results



RT: 1.30
Area: 116683
Amount: 19.734228
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecz, 09-Jul-2020 09:32:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

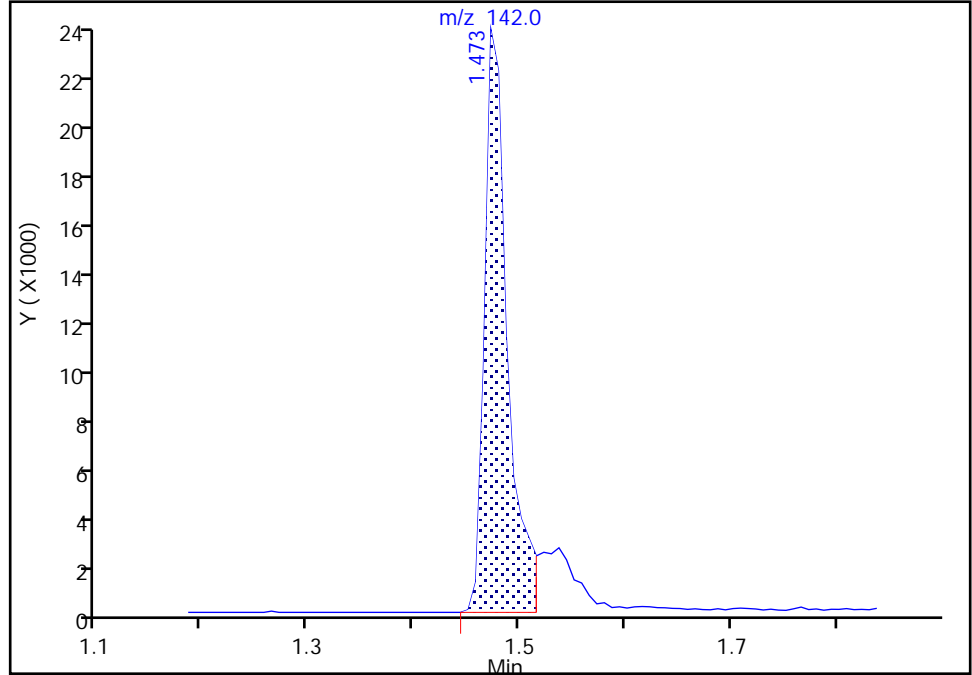
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

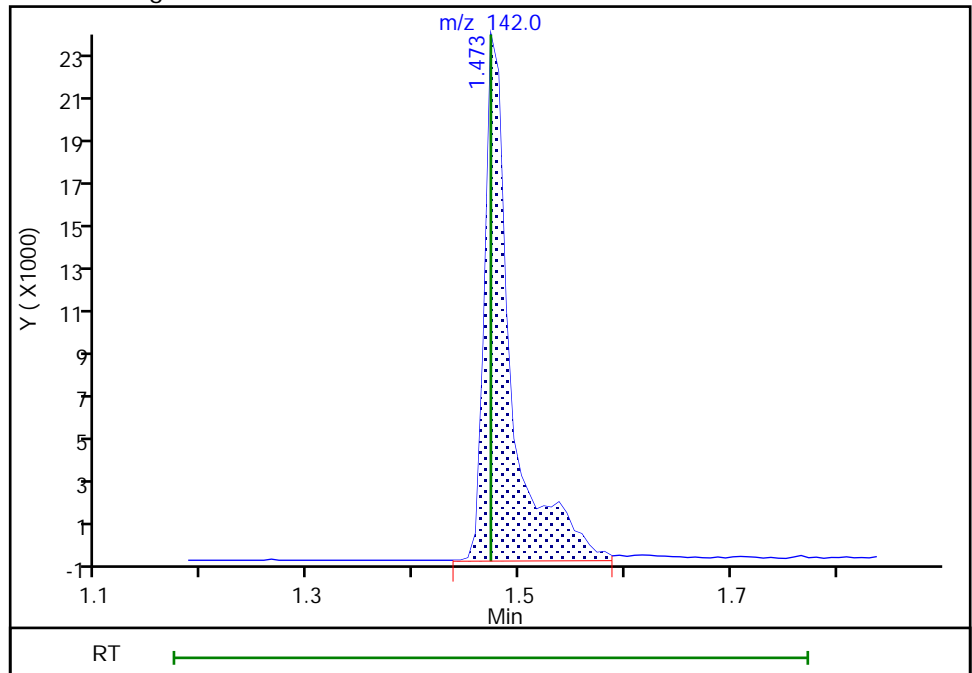
RT: 1.47
Area: 35898
Amount: 11.549856
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 42142
Amount: 10.363655
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:11:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

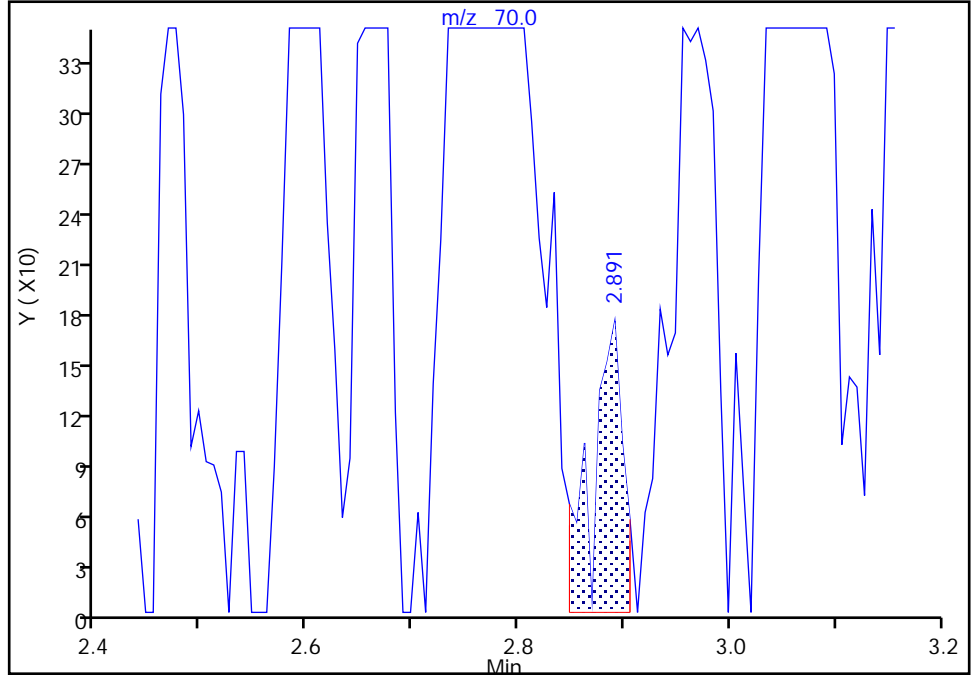
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

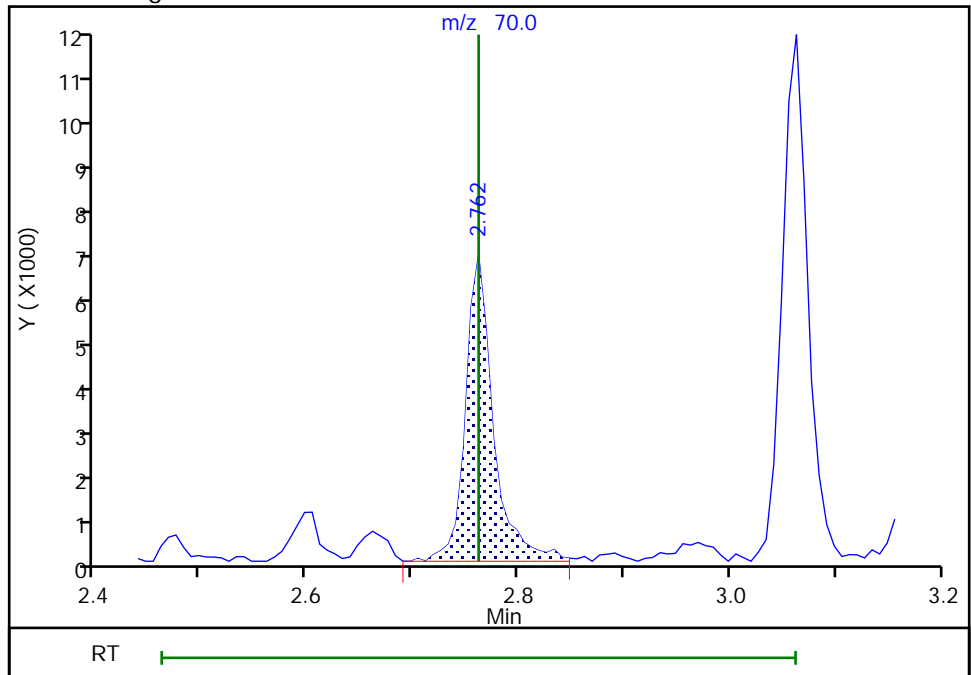
RT: 2.89
Area: 353
Amount: 3.254891
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 11704
Amount: 37.245083
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:12:10
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

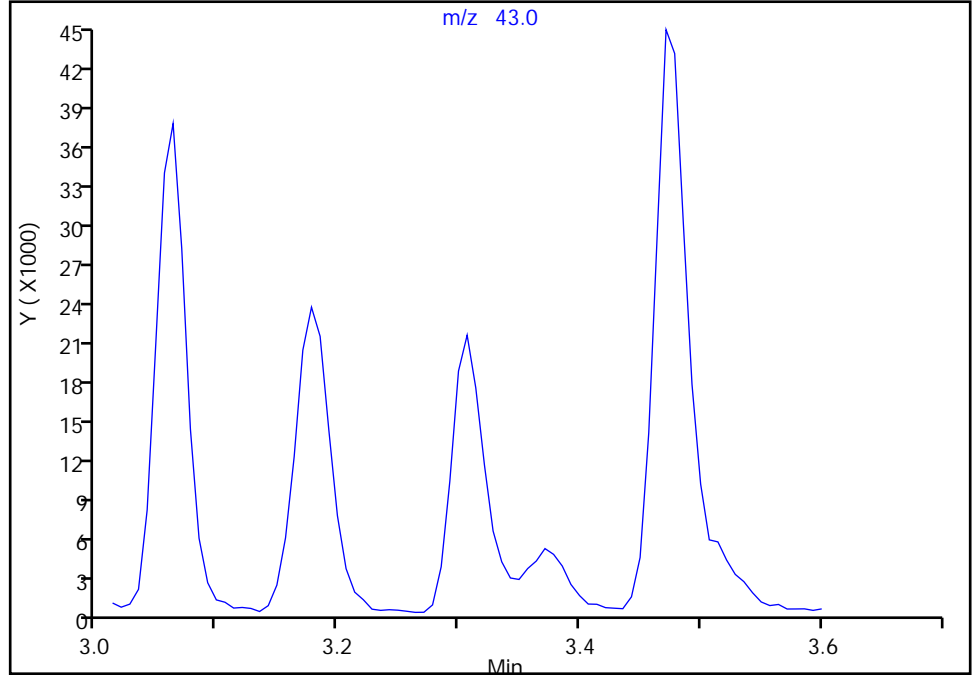
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

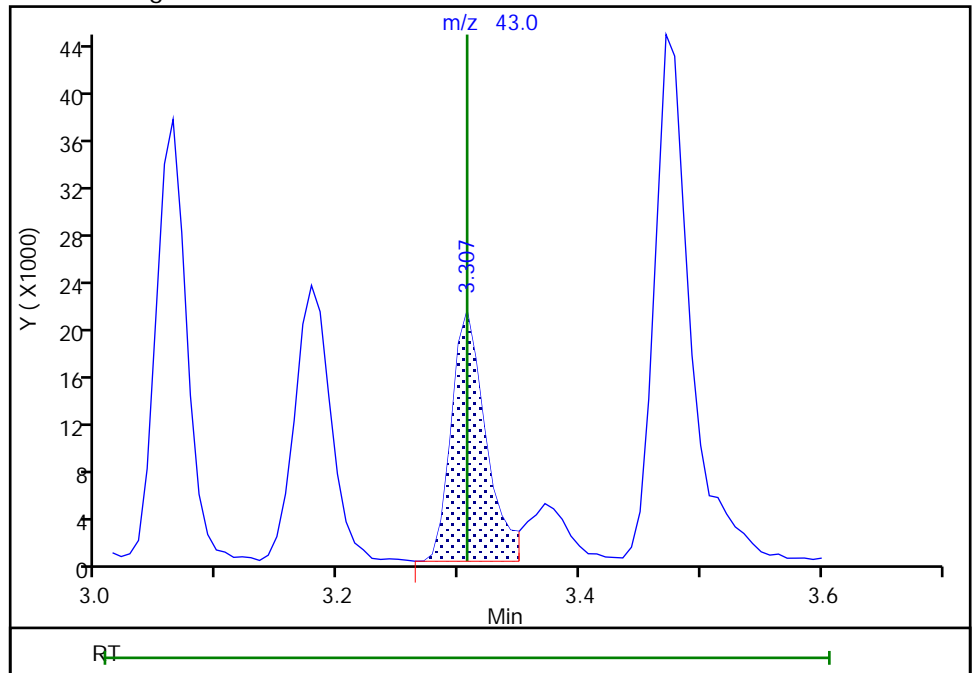
Signal: 1

Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results



RT: 3.31
Area: 41718
Amount: 465.3713
Amount Units: ug/l

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 09-Jul-2020 06:26:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0112940-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:46 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	41703	50.0	43.3	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	74	9778	50.0	46.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	240897	50.0	46.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	86439	50.0	46.0	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	97	32721	50.0	45.9	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	231960	50.0	48.0	M
6 Chloromethane	50	0.900	0.900	0.000	99	311761	50.0	48.3	
8 Butadiene	54	0.900	0.900	0.000	94	208727	50.0	48.2	
9 Bromomethane	94	1.043	1.043	0.000	99	89207	50.0	35.7	
10 Chloroethane	64	1.100	1.100	0.000	100	181764	50.0	51.5	
11 Pentane	72	1.158	1.158	0.000	96	76767	100.0	101.0	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	78	327025	50.0	52.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	390146	50.0	52.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	322121	50.0	51.1	
15 Ethyl ether	59	1.308	1.308	0.000	94	169703	50.0	50.1	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	81	265989	50.0	48.5	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	99	172686	50.0	48.0	
19 Carbon disulfide	76	1.415	1.415	0.000	100	633042	50.0	47.5	
16 Ethanol	46	1.415	1.415	0.000	27	39163	2000.0	1950.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	87	164736	50.0	45.6	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	95	265441	50.0	46.6	
22 Iodomethane	142	1.473	1.473	0.000	98	150049	50.0	34.7	M
23 Cyclopentene	67	1.544	1.552	-0.008	97	477023	50.0	47.7	
24 Acrolein	56	1.573	1.573	0.000	96	35494	100.0	96.9	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	110168	50.0	49.2	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	94937	500.0	498.8	
27 Methylene Chloride	84	1.702	1.702	0.000	94	206890	50.0	47.5	
28 Acetone	43	1.731	1.731	0.000	85	197662	250.0	213.5	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	97	184981	50.0	46.2	
30 Methyl acetate	43	1.795	1.795	0.000	100	217944	100.0	107.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	90	42991	50.0	46.6	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	501216	50.0	49.8	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	249888	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	139016	500.0	492.7	
35 Acetonitrile	41	1.988	1.989	-0.001	99	183048	500.0	485.8	
36 Isopropyl ether	45	2.067	2.067	0.000	95	537744	50.0	50.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	144909	50.0	47.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	297078	50.0	47.8	
39 Acrylonitrile	53	2.168	2.168	0.000	93	495928	500.0	488.6	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	487287	50.0	49.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	633567	100.0	98.8	
42 cis-1,2-Dichloroethene	96	2.468	2.476	-0.008	98	175607	50.0	48.1	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	96	204731	50.0	47.5	
44 Cyclohexane	56	2.597	2.597	0.000	92	254593	50.0	46.1	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	82889	50.0	49.6	
46 Chloroform	83	2.662	2.662	0.000	98	279795	50.0	47.6	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	177079	50.0	48.2	
49 Methyl acrylate	55	2.762	2.762	0.000	60	118600	50.0	52.4	
48 Ethyl acetate	70	2.762	2.762	0.000	97	30231	100.0	94.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	103799	100.0	95.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	142358	50.0	47.9	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	230098	50.0	48.6	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	260566	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	83469	250.0	242.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	226309	50.0	47.2	
56 Isooctane	57	2.970	2.970	0.000	98	365296	50.0	44.8	
58 Benzene	78	3.063	3.063	0.000	97	675339	50.0	49.8	
57 n-Heptane	57	3.063	3.063	0.000	90	90003	50.0	44.1	
59 Propionitrile	54	3.092	3.092	0.000	92	182440	500.0	459.0	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	585995	500.0	506.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166791	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	413821	50.0	50.5	
63 1,2-Dichloroethane	62	3.221	3.228	-0.008	97	209063	50.0	47.3	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	115174	1250.0	1239.6	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	92	72180	500.0	473.1	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	635615	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	266567	50.0	53.1	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	244206	50.0	47.1	
69 Trichloroethene	130	3.543	3.550	-0.007	97	165675	50.0	48.8	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	360722	50.0	50.0	
71 Dibromomethane	93	3.901	3.908	-0.007	97	94428	50.0	49.3	
72 n-Butanol	56	3.922	3.930	-0.008	93	69085	1250.0	1110.8	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	168644	50.0	50.1	
75 Dichlorobromomethane	83	4.073	4.080	-0.007	99	208685	50.0	49.8	
74 Ethyl acrylate	55	4.073	4.080	-0.007	77	160249	50.0	54.5	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	72	24005	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	90	71093	100.0	108.4	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	29996	1000.0	939.1	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	173895	50.0	53.0	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	96	13488	50.1	34.0	
81 cis-1,3-Dichloropropene	75	4.703	4.710	-0.007	96	247910	50.0	52.9	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	548701	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.947	4.954	-0.007	93	689416	50.0	49.7	
84 Epichlorohydrin	57	4.983	4.983	0.000	99	149274	1000.0	1065.8	
85 2-Nitropropane	41	5.205	5.205	0.000	99	59466	100.0	100.5	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	163236	50.0	50.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	96	604856	250.0	266.9	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	223621	50.0	54.0	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	113366	50.0	51.5	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	166545	50.0	50.7	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	143046	50.0	53.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	238154	50.0	53.0	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	97	136045	50.0	56.2	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	176576	50.0	50.5	
95 2-Hexanone	43	6.465	6.473	-0.008	97	415314	250.0	245.5	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	445237	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	419539	50.0	48.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	235614	50.0	49.0	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	142631	50.0	52.7	
100 m-Xylene & p-Xylene	106	7.053	7.060	-0.007	0	295638	50.0	51.2	
101 o-Xylene	106	7.640	7.640	0.000	94	279851	50.0	52.0	
102 Bromoform	173	7.705	7.705	0.000	94	81630	50.0	53.3	
103 Styrene	104	7.726	7.733	-0.007	95	472593	50.0	53.9	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	97	96252	50.0	52.2	
105 Isopropylbenzene	105	8.120	8.127	-0.007	96	737860	50.0	50.8	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	233594	50.0	52.1	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	90	182918	50.0	51.4	
108 Bromobenzene	156	8.593	8.600	-0.007	97	187832	50.0	48.8	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	906751	50.0	50.4	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	156301	50.0	49.8	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	619899	50.0	49.3	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	756188	50.0	50.5	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	45104	50.0	51.0	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	621596	50.0	49.8	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	84	39108	50.0	46.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	565747	50.0	50.5	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	521875	50.0	50.5	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	639182	50.0	50.5	
119 Butyl Methacrylate	87	9.703	9.710	-0.007	96	195255	50.0	52.2	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	794959	50.0	49.3	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	369280	50.0	50.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	673695	50.0	51.1	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	251336	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	96	380084	50.0	47.6	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	670779	50.0	50.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	669740	50.0	50.7	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	48424	50.0	52.8	
128 p-Diethylbenzene	119	10.742	10.742	0.000	94	343584	50.0	51.1	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	629710	50.0	50.2	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	365424	50.0	49.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	637766	50.0	52.0	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	93	31232	50.0	53.9	
133 1,3,5-Trichlorobenzene	180	12.124	12.131	-0.007	97	279540	50.0	50.0	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	252221	50.0	51.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	89286	50.0	49.2	
136 Naphthalene	128	13.127	13.127	0.000	99	531313	50.0	53.9	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	95	223239	50.0	48.7	
S 138 1,2-Dichloroethene, Total	100				0		100.0	94.3	
S 139 1,3-Dichloropropene, Total	100				0		100.0	106.9	
S 140 Xylenes, Total	100				0		100.0	103.3	
S 142 Total BTEX	1				0		250.0	251.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 10.00	Units: uL	
GASES Li_00376	Amount Added: 50.00	Units: uL	
524freon_00024	Amount Added: 50.00	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\CVOAMS13\20200709-112940.b\P76756.D

Injection Date: 09-Jul-2020 06:26:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD50

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

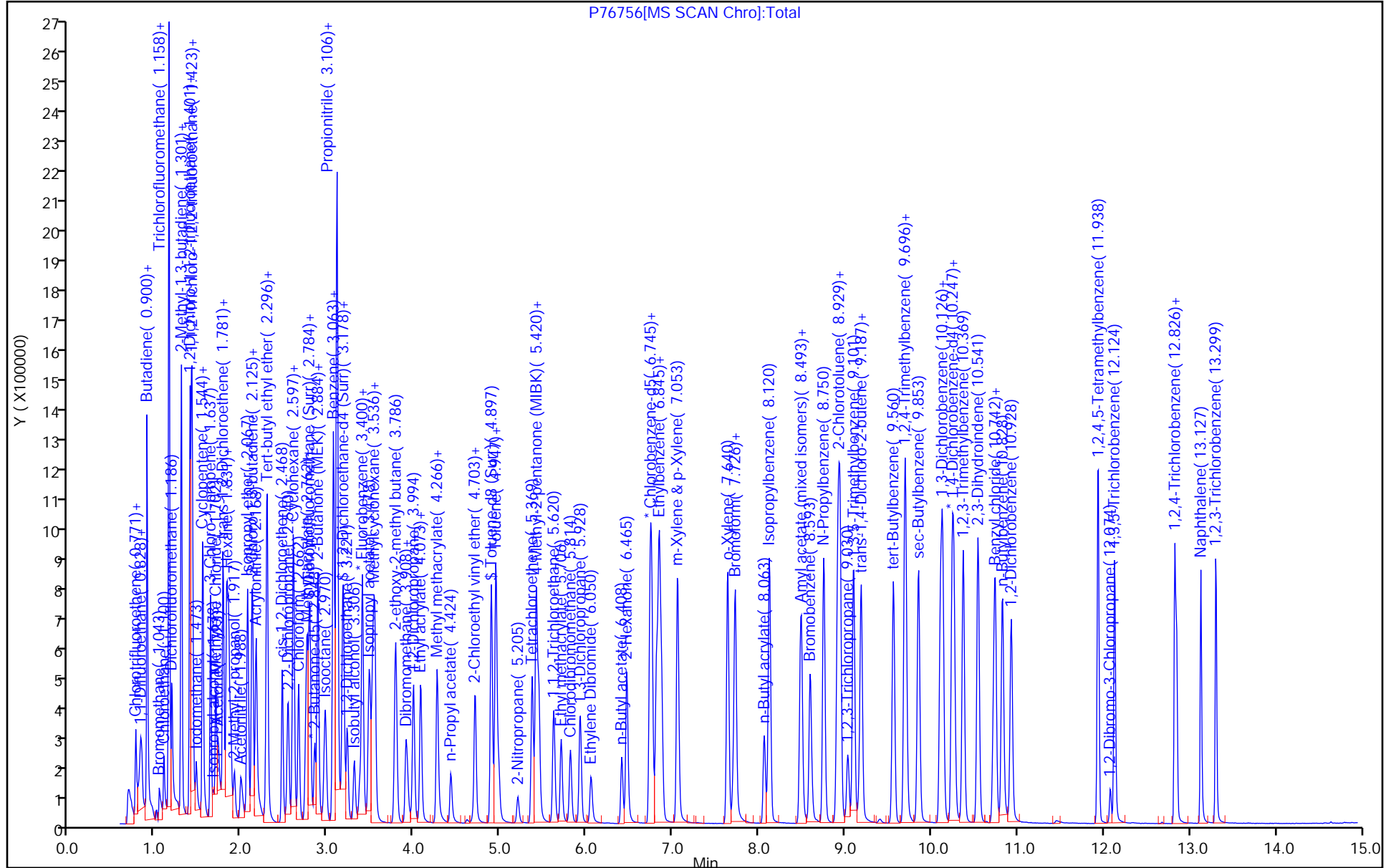
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

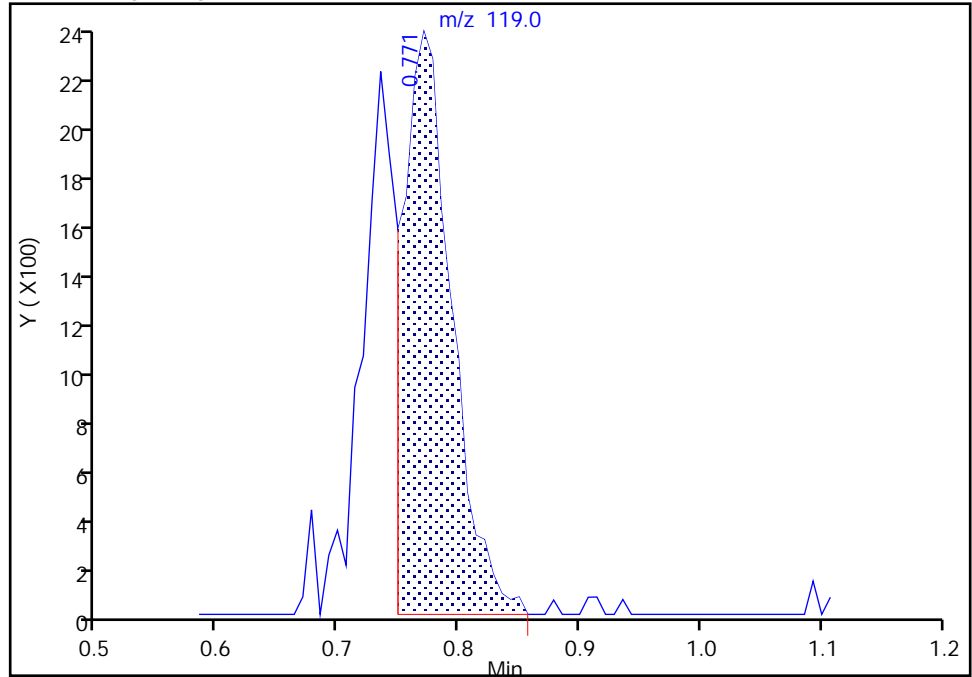
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

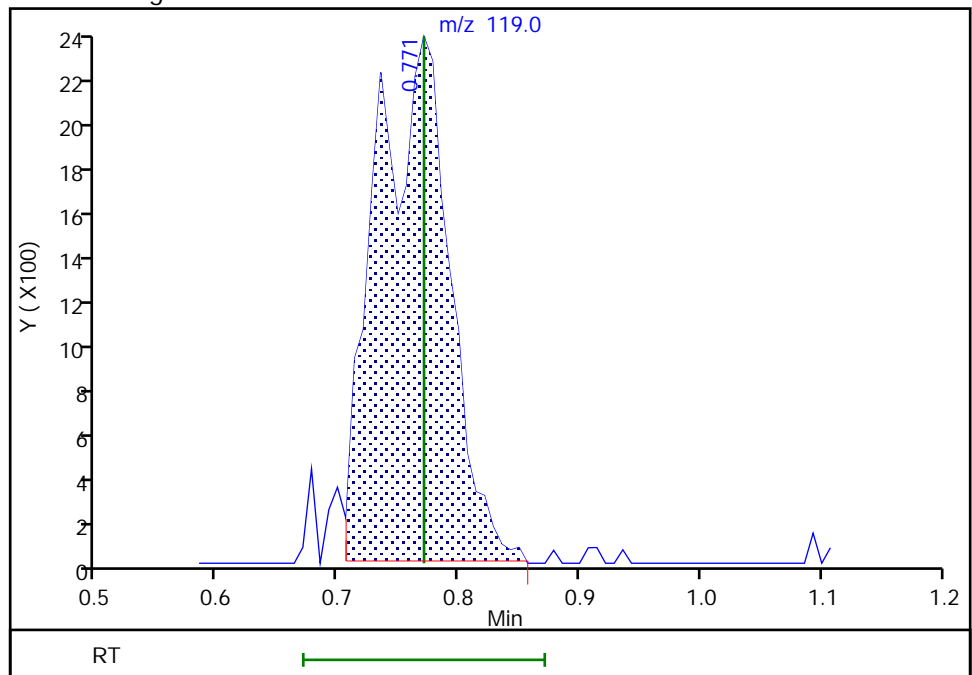
RT: 0.77
Area: 6542
Amount: 36.952072
Amount Units: ug/l

Processing Integration Results



RT: 0.77
Area: 9778
Amount: 46.606370
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:05:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

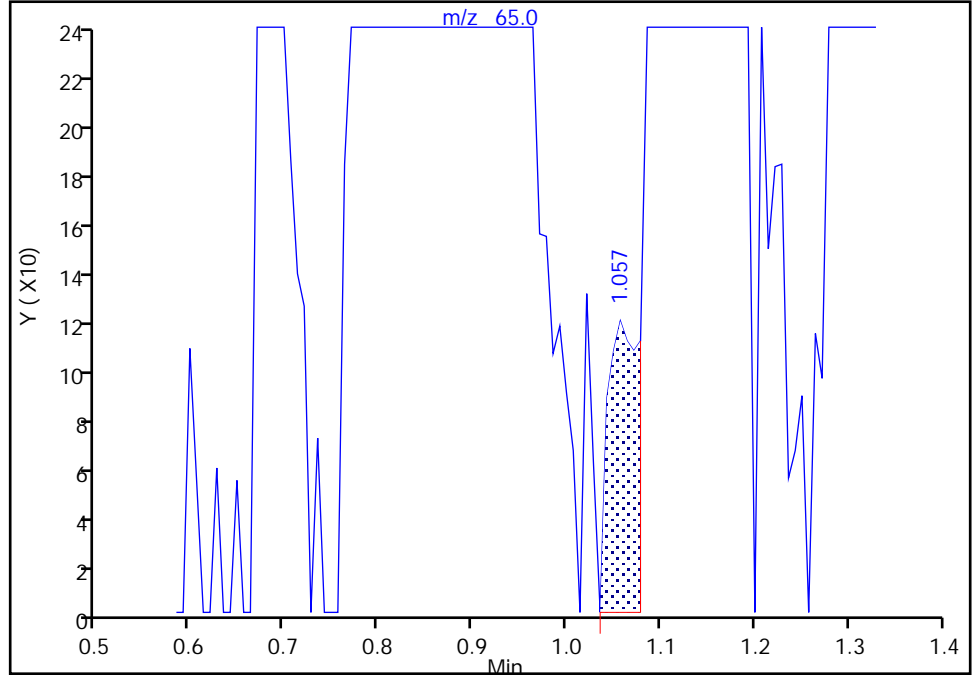
ALS Bottle#: 6 Worklist Smp#: 7
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

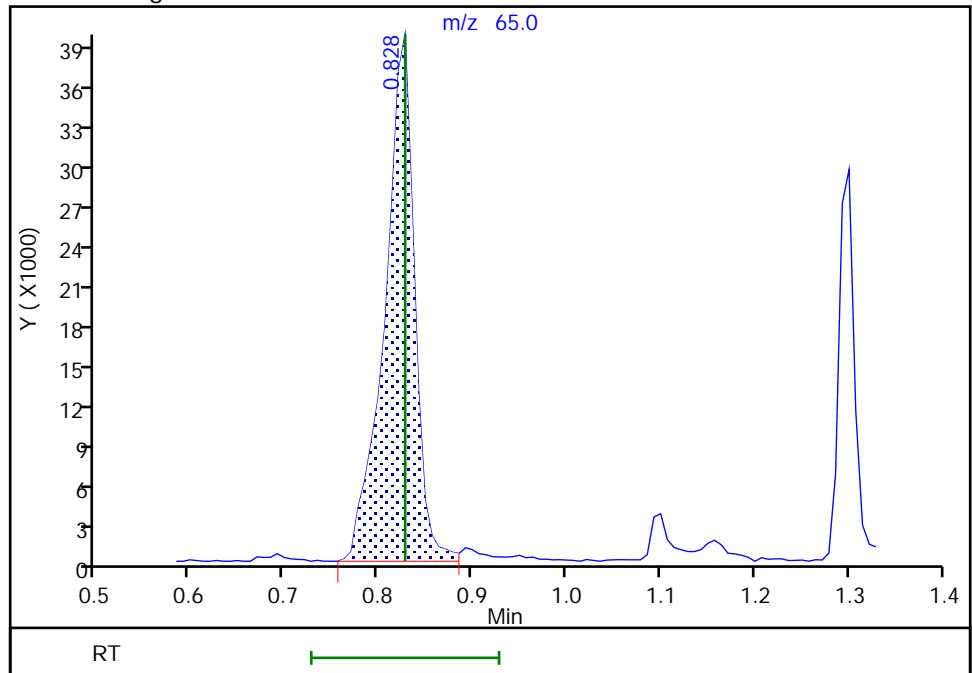
RT: 1.06
Area: 271
Amount: 0.249178
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 86439
Amount: 46.036240
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

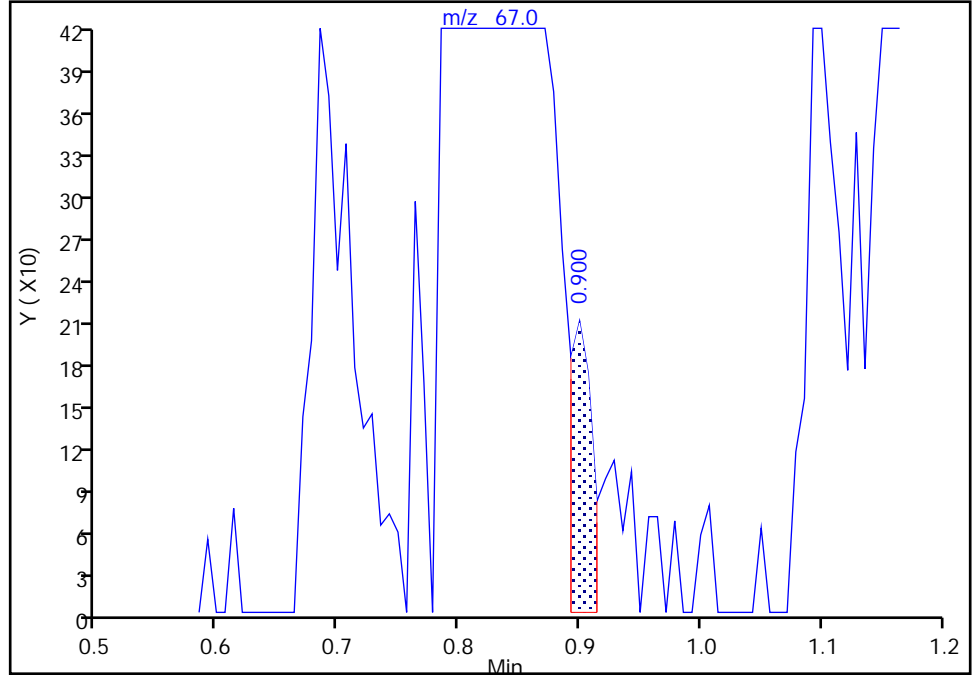
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

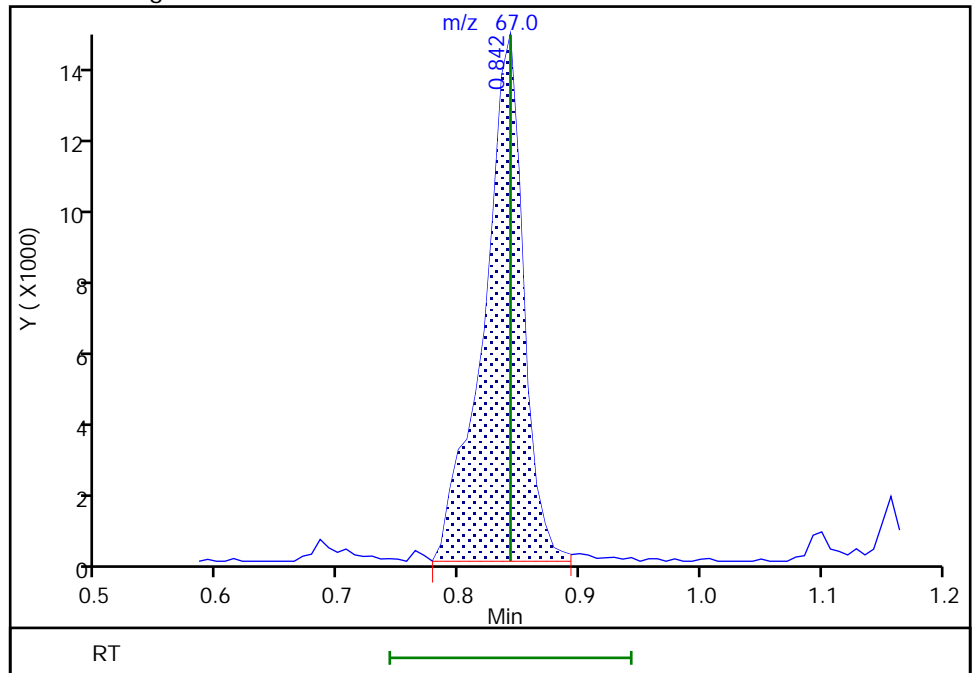
RT: 0.90
Area: 274
Amount: 0.546990
Amount Units: ug/l

Processing Integration Results



RT: 0.84
Area: 32721
Amount: 45.923242
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D

Injection Date: 09-Jul-2020 06:26:30

Instrument ID: CVOAMS13

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

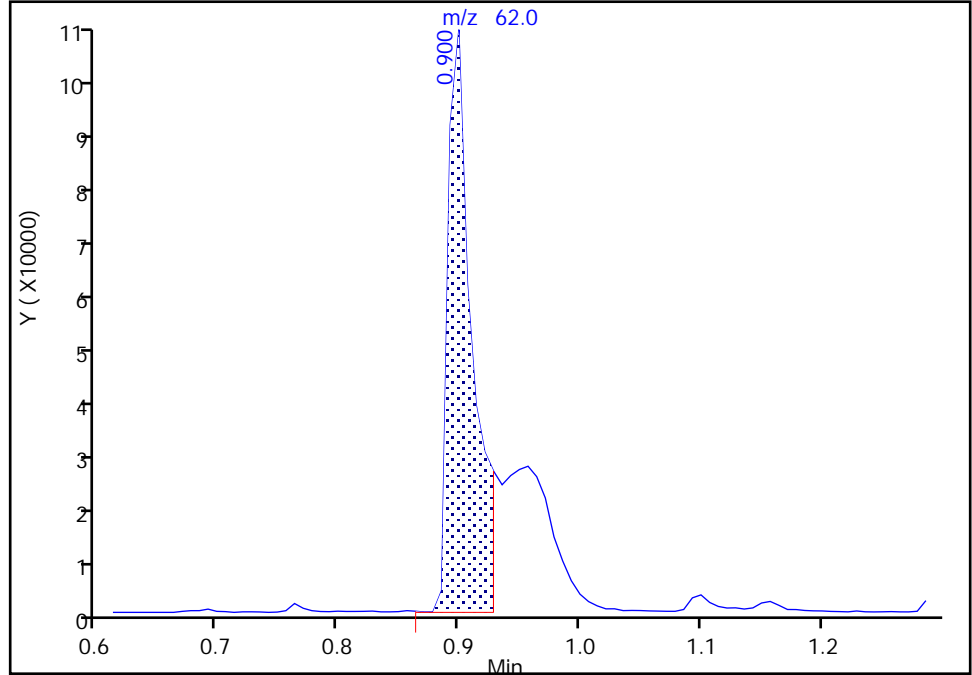
MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

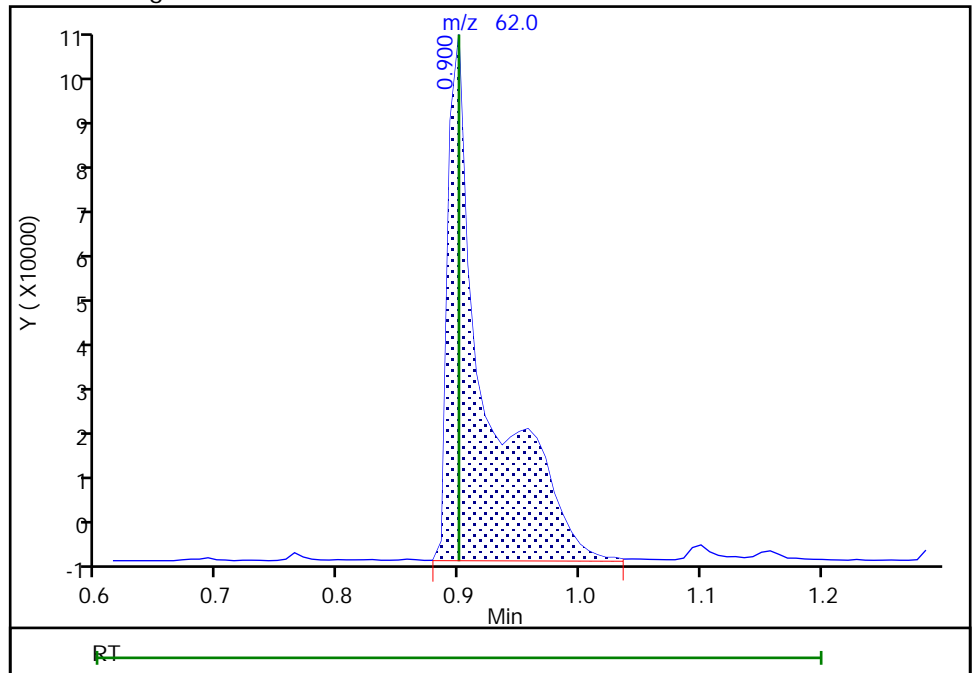
RT: 0.90
Area: 152232
Amount: 29.572713
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 231960
Amount: 48.003085
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

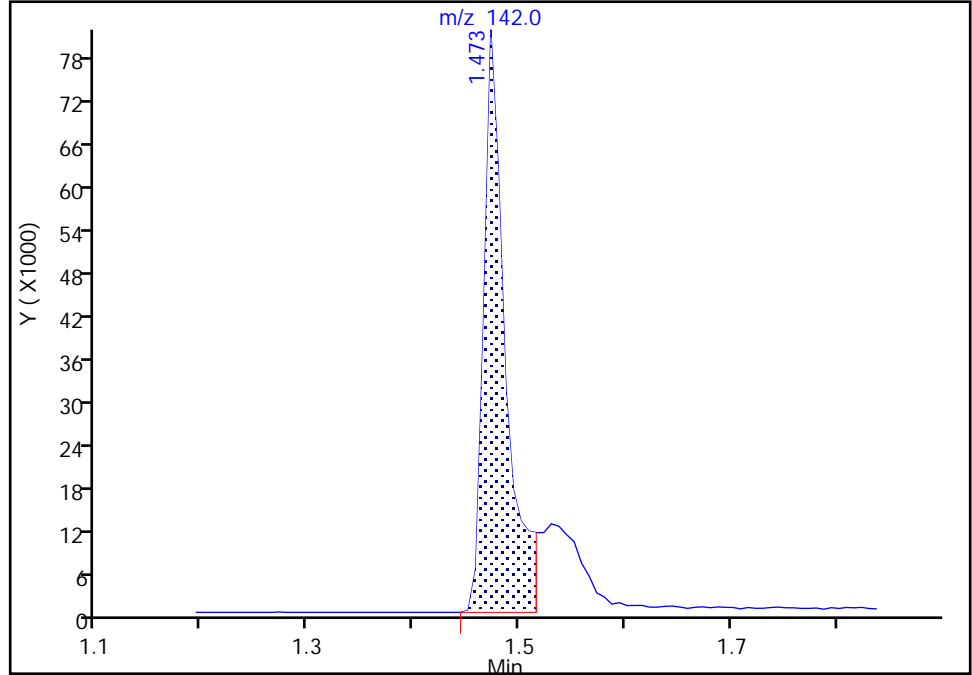
ALS Bottle#: 6 Worklist Smp#: 7
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

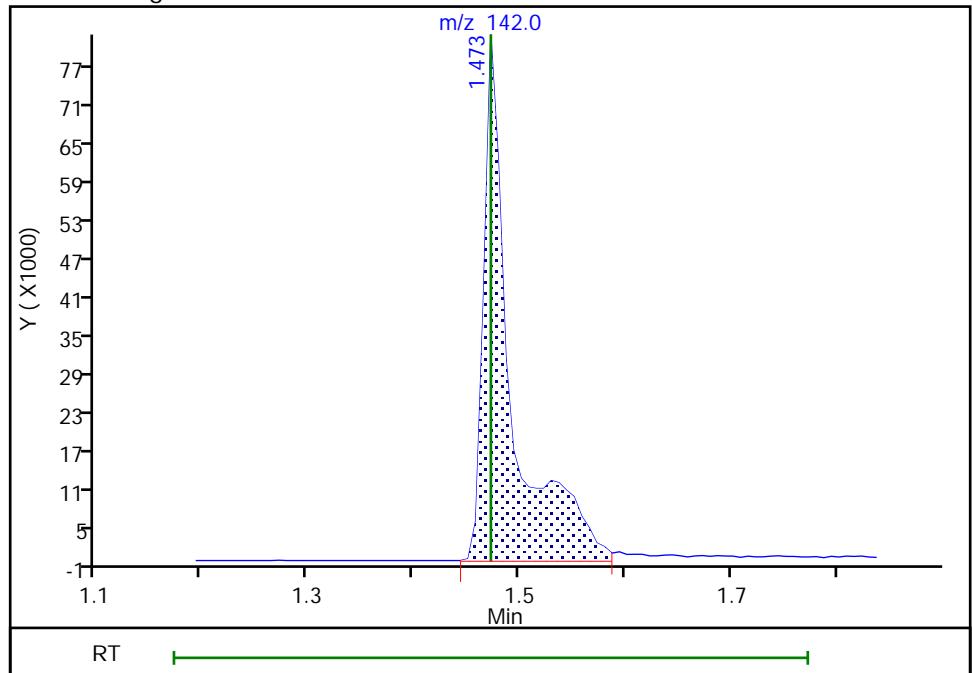
RT: 1.47
Area: 117177
Amount: 35.520111
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 150049
Amount: 34.716250
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

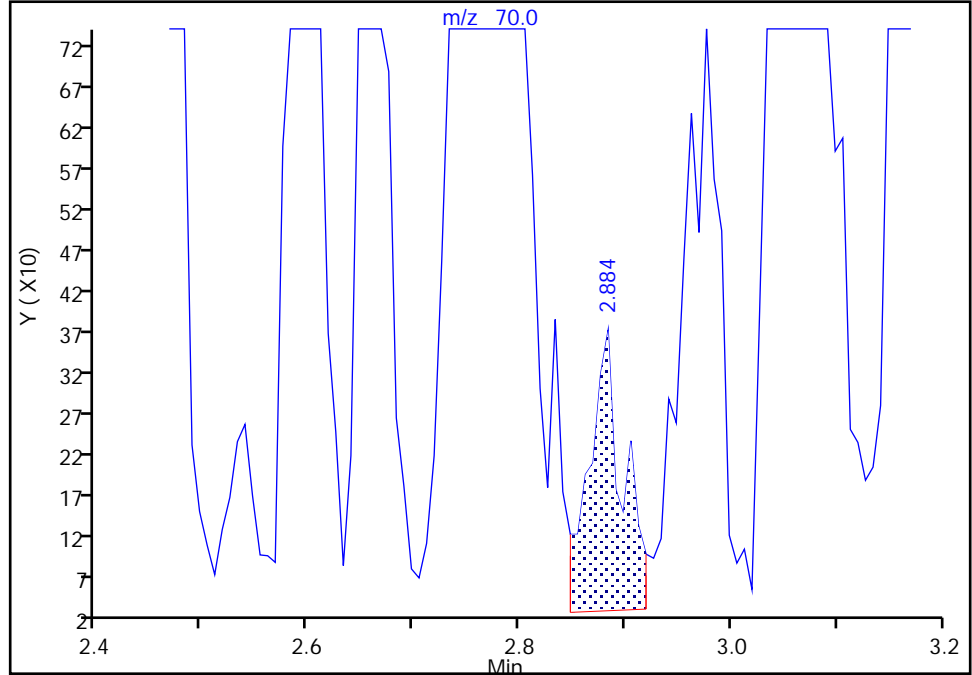
ALS Bottle#: 6 Worklist Smp#: 7
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

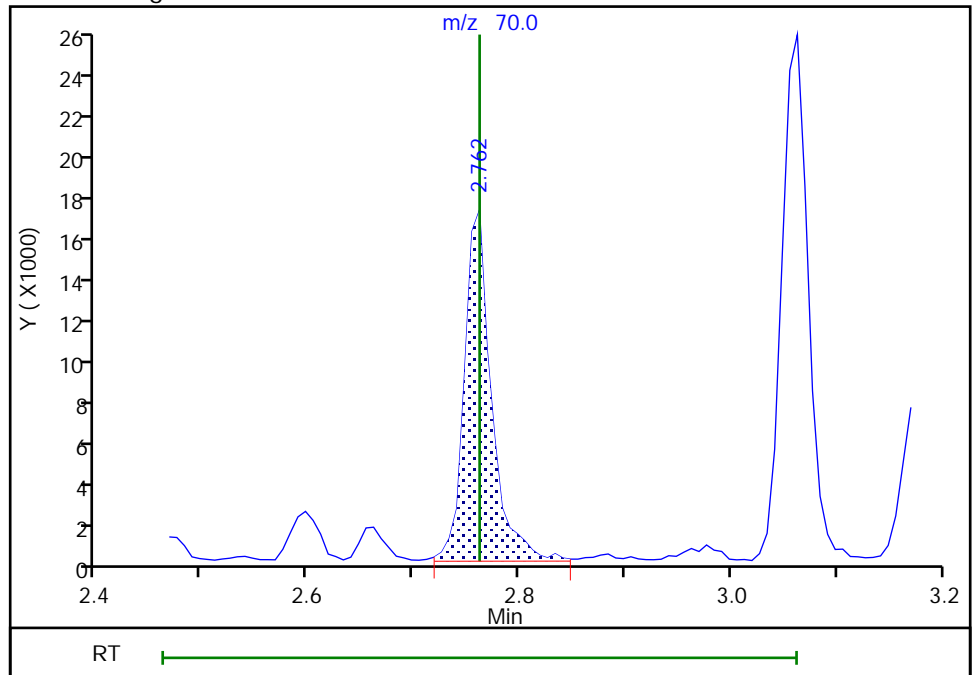
RT: 2.88
Area: 777
Amount: 4.880346
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 30231
Amount: 94.110750
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:38
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

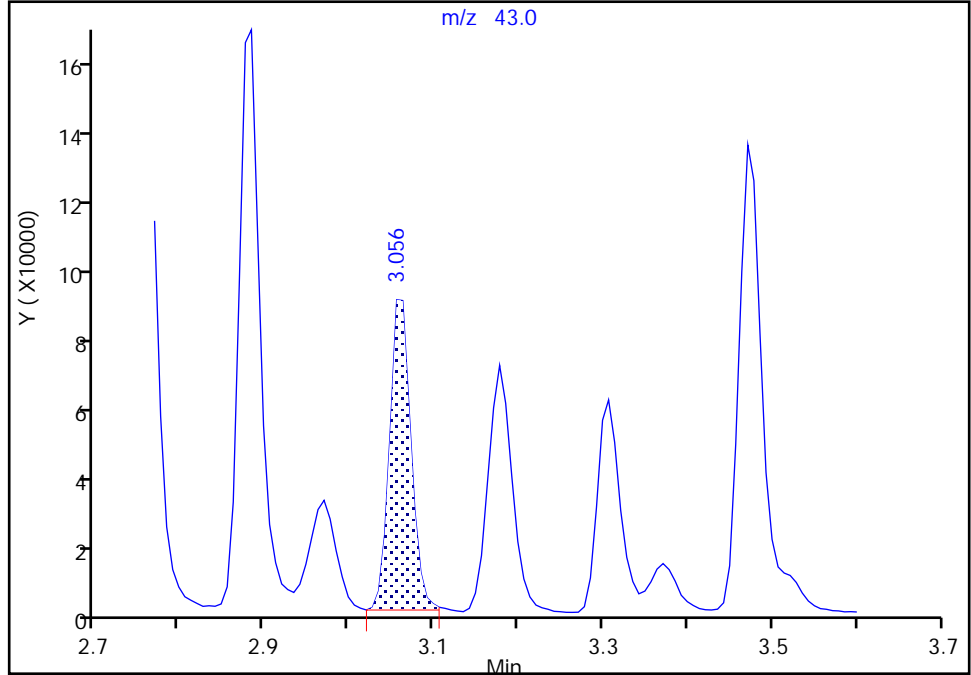
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

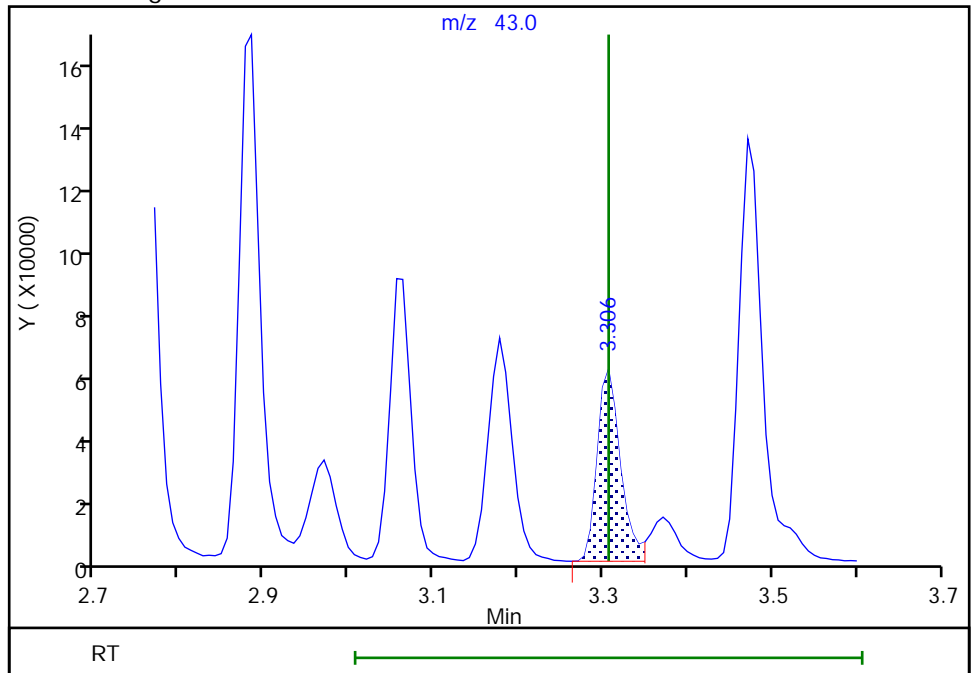
RT: 3.06
Area: 154103
Amount: 1793.3839
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 115174
Amount: 1239.6024
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:33:21
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-Jul-2020 06:52:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0112940-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:06 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:31:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	210958	200.0	206.7	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	36921	200.0	166.0	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	926541	200.0	170.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	97	359256	200.0	180.5	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	96	136972	200.0	181.3	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	944080	200.0	184.3	
6 Chloromethane	50	0.907	0.900	0.007	97	1270504	200.0	185.6	
8 Butadiene	54	0.907	0.900	0.007	87	880003	200.0	191.8	
9 Bromomethane	94	1.043	1.043	0.000	99	510330	200.0	207.5	
10 Chloroethane	64	1.100	1.100	0.000	100	737107	200.0	197.2	
11 Pentane	72	1.158	1.158	0.000	96	336798	400.0	419.7	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	98	1334838	200.0	203.7	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	1584197	200.0	199.8	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	1346019	200.0	201.3	
15 Ethyl ether	59	1.308	1.308	0.000	94	729232	200.0	203.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	756586	200.0	198.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	84	1194476	200.0	205.5	
19 Carbon disulfide	76	1.423	1.415	0.008	100	2803044	200.0	198.2	
16 Ethanol	46	1.415	1.415	0.000	30	170592	8000.0	8042.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	67	756495	200.0	197.6	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	1205033	200.0	199.4	a
22 Iodomethane	142	1.473	1.473	0.000	99	928245	200.0	207.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	2080605	200.0	196.4	
24 Acrolein	56	1.573	1.573	0.000	95	79542	200.0	205.8	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	90	487404	200.0	205.4	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	393953	2000.0	1960.9	
27 Methylene Chloride	84	1.702	1.702	0.000	95	891892	200.0	193.1	
28 Acetone	43	1.731	1.731	0.000	86	915863	1000.0	932.6	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	98	804605	200.0	189.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	857882	400.0	400.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	89	198616	200.0	202.9	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	2236030	200.0	209.7	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	263746	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	589791	2000.0	2002.5	
35 Acetonitrile	41	1.988	1.989	-0.001	99	810110	2000.0	2037.1	
36 Isopropyl ether	45	2.067	2.067	0.000	95	2373654	200.0	209.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	642115	200.0	197.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	1297156	200.0	196.8	
39 Acrylonitrile	53	2.168	2.168	0.000	92	2130580	2000.0	1980.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	2232497	200.0	214.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	2778013	400.0	408.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	749020	200.0	193.4	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	923033	200.0	201.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	1163988	200.0	198.6	
45 Chlorobromomethane	128	2.604	2.605	-0.001	90	361079	200.0	203.9	
46 Chloroform	83	2.662	2.662	0.000	98	1209229	200.0	194.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	799899	200.0	205.6	
49 Methyl acrylate	55	2.762	2.762	0.000	58	518354	200.0	215.9	
48 Ethyl acetate	70	2.762	2.762	0.000	99	133991	400.0	393.3	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	96	456372	400.0	393.7	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	96	154205	50.0	49.0	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	1005073	200.0	200.2	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	276331	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	100	376866	1000.0	1032.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	961863	200.0	189.4	
56 Isooctane	57	2.970	2.970	0.000	98	1721821	200.0	199.4	
58 Benzene	78	3.070	3.063	0.007	97	2907166	200.0	197.4	
57 n-Heptane	57	3.063	3.063	0.000	92	416923	200.0	192.8	
59 Propionitrile	54	3.099	3.092	0.007	90	833620	2000.0	1987.0	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	2641849	2000.0	2151.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	189891	50.0	50.3	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	1901391	200.0	219.0	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	911148	200.0	194.6	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	536648	5000.0	5472.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	94	358171	2000.0	2224.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	673782	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	99	1135087	200.0	213.4	
68 Methylcyclohexane	83	3.529	3.521	0.008	96	1136795	200.0	206.8	
69 Trichloroethene	130	3.543	3.550	-0.007	98	734821	200.0	204.1	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	1667231	200.0	218.2	
71 Dibromomethane	93	3.901	3.908	-0.007	97	411556	200.0	202.5	
72 n-Butanol	56	3.922	3.930	-0.008	90	345195	5000.0	5064.1	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	733515	200.0	205.7	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	935502	200.0	210.7	
74 Ethyl acrylate	55	4.073	4.080	-0.007	98	746067	200.0	214.1	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	70	25999	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	89	312979	400.0	450.3	
78 1,4-Dioxane	88	4.281	4.281	0.000	94	128381	4000.0	3710.9	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	785712	200.0	210.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	116735	200.5	277.8	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	1126673	200.0	221.4	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	595123	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	4.954	4.954	0.000	93	3004811	200.0	199.4	
84 Epichlorohydrin	57	4.983	4.983	0.000	100	775187	4000.0	5219.2	
85 2-Nitropropane	41	5.205	5.205	0.000	98	283645	400.0	452.3	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	708370	200.0	201.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	2651666	1000.0	1103.2	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	1036825	200.0	230.2	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	492730	200.0	206.1	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	751130	200.0	206.3	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	652001	200.0	225.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	1021792	200.0	209.2	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	98	583888	200.0	222.1	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	831753	200.0	209.6	
95 2-Hexanone	43	6.465	6.473	-0.008	96	1839092	1000.0	1002.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	483854	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	1856451	200.0	196.6	
98 Ethylbenzene	106	6.845	6.845	0.000	99	1040894	200.0	199.1	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	655793	200.0	223.2	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	1267399	200.0	202.0	
101 o-Xylene	106	7.640	7.640	0.000	94	1224952	200.0	209.6	
102 Bromoform	173	7.705	7.705	0.000	94	404601	200.0	217.6	
103 Styrene	104	7.726	7.733	-0.007	94	2102932	200.0	220.8	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	454680	200.0	211.6	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	3228998	200.0	204.7	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	1067680	200.0	202.7	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	89	196751	50.0	50.8	
108 Bromobenzene	156	8.593	8.600	-0.007	97	836738	200.0	196.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	4030225	200.0	202.7	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	717403	200.0	206.5	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	2778464	200.0	199.9	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	3396942	200.0	205.1	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	198565	200.0	203.1	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	2817651	200.0	204.2	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	88	204631	200.0	202.0	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	2549234	200.0	205.6	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	2301077	200.0	201.2	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	3023621	200.0	215.9	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	1035669	200.0	216.3	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	98	3633016	200.0	203.7	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	1642154	200.0	203.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	3076905	200.0	211.1	
* 123 1,4-Dichlorobenzene-d4	152	10.247	10.240	0.007	96	277992	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.269	10.262	0.007	94	1673004	200.0	189.4	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	99	3092023	200.0	210.4	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	94	3033315	200.0	207.5	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	268300	200.0	218.1	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	1617831	200.0	217.8	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	2964654	200.0	213.7	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	95	1652273	200.0	204.2	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	2925186	200.0	215.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.081	-0.007	95	141172	200.0	220.3	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	1233706	200.0	199.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	1092552	200.0	202.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	385966	200.0	192.3	
136 Naphthalene	128	13.127	13.127	0.000	99	2317587	200.0	212.6	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	96	974994	200.0	192.3	
S 138 1,2-Dichloroethene, Total	100				0		400.0	383.1	
S 139 1,3-Dichloropropene, Total	100				0		400.0	451.6	
S 140 Xylenes, Total	100				0		400.0	411.6	
S 142 Total BTEX	1				0		1000.0	1007.5	

QC Flag Legend

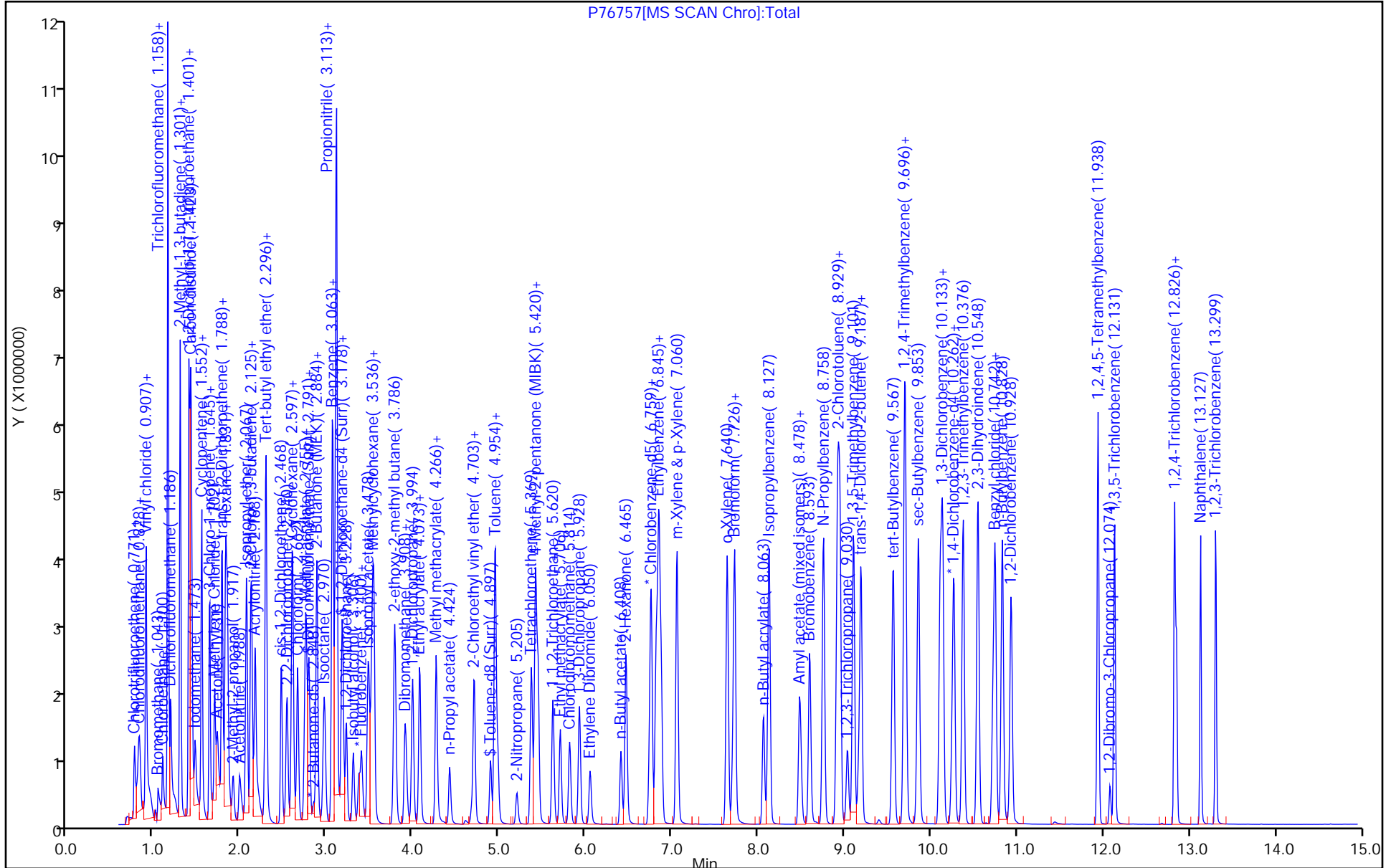
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00108	Amount Added: 20.00	Units: uL	
GAS Hi_00365	Amount Added: 20.00	Units: uL	
8FreonHi_00020	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00100	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	
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\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

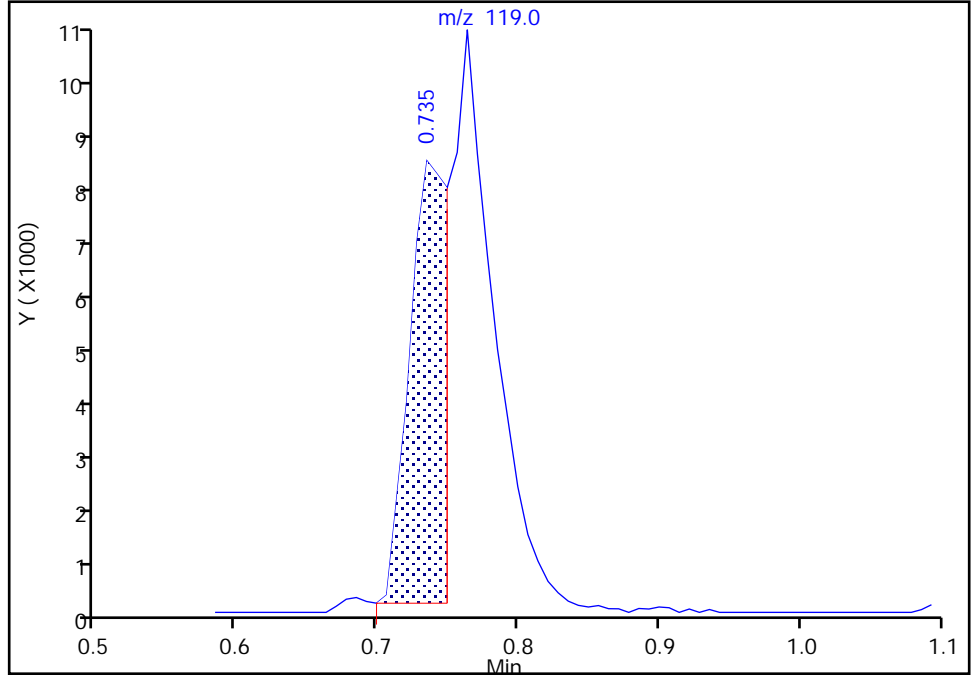
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

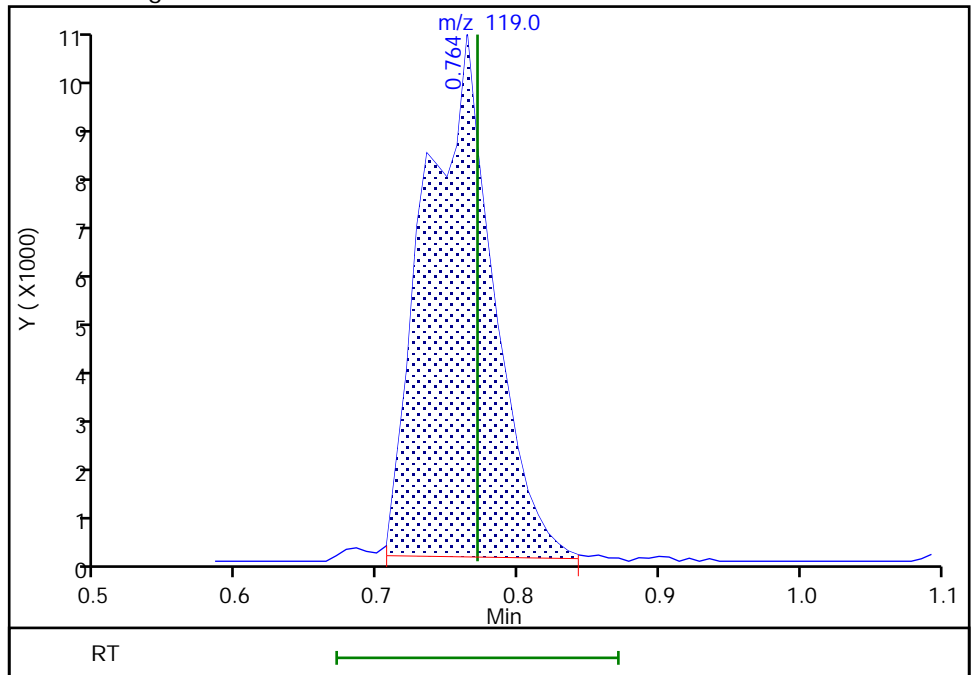
RT: 0.73
Area: 15842
Amount: 93.130659
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 36921
Amount: 166.0135
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:04:32
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

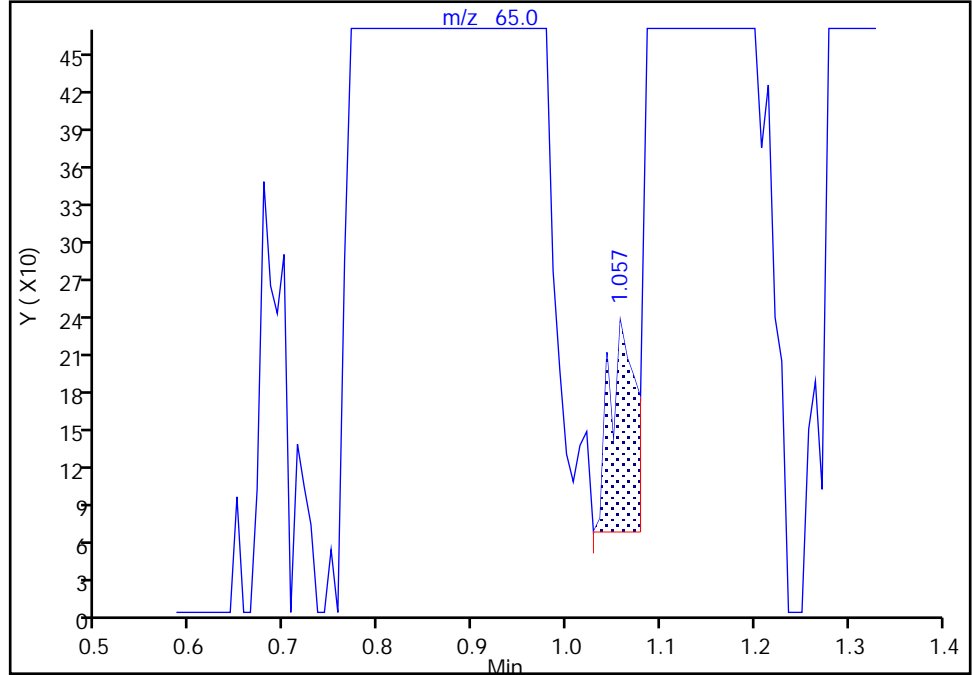
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

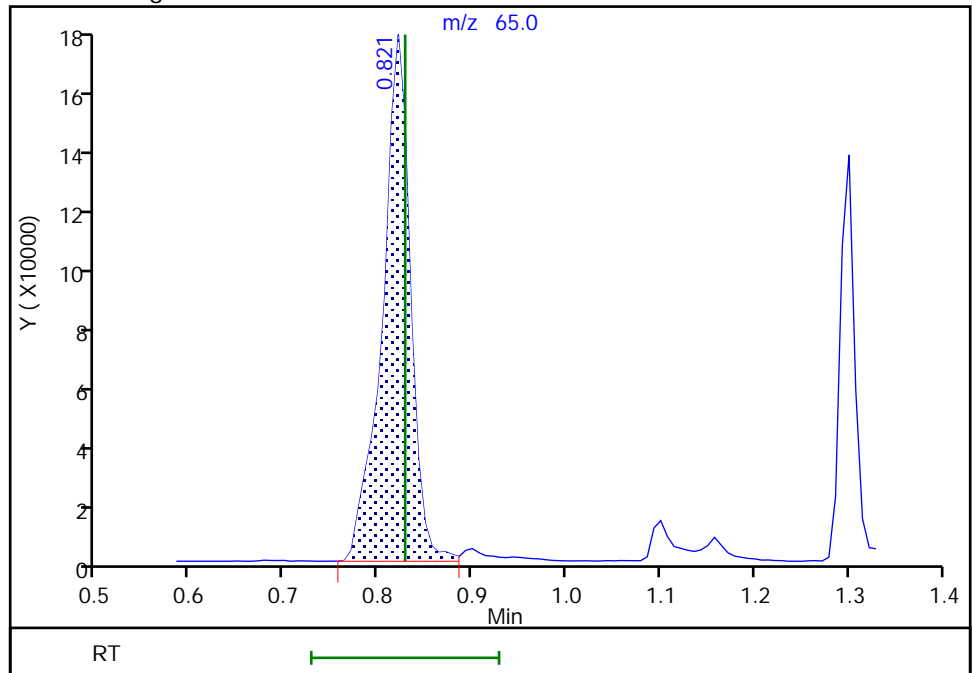
RT: 1.06
Area: 327
Amount: 0.612326
Amount Units: ug/l

Processing Integration Results



RT: 0.82
Area: 359256
Amount: 180.4965
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecz, 09-Jul-2020 09:30:37
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

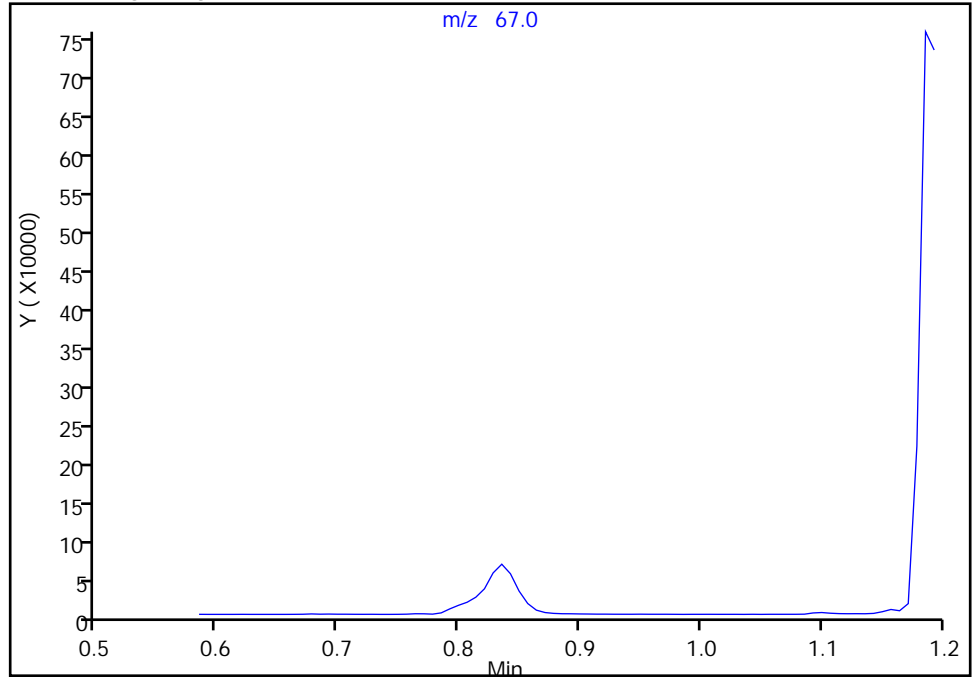
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

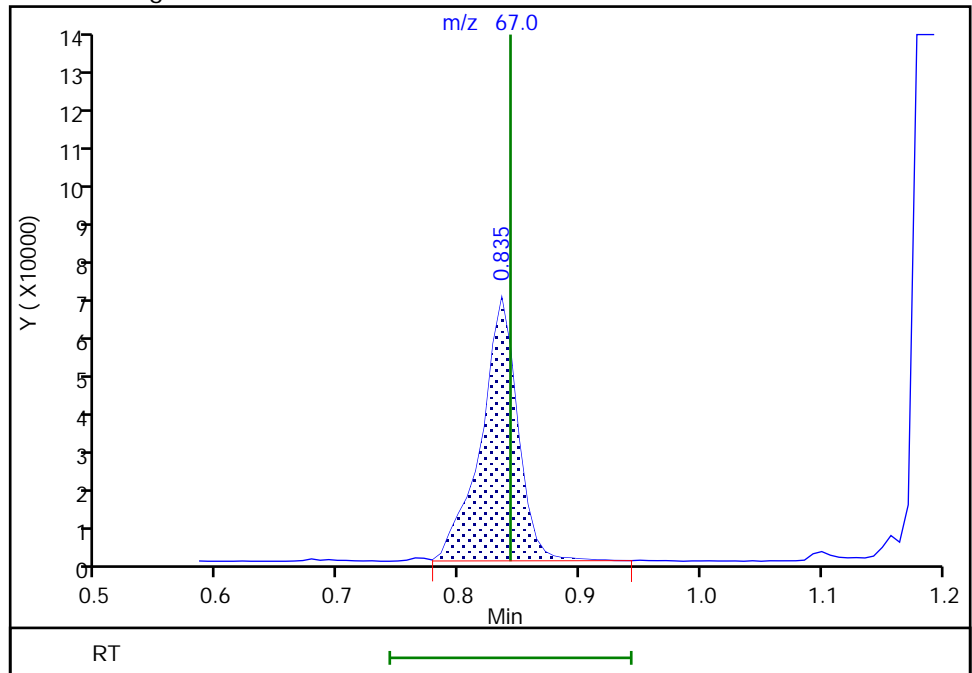
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 136972
Amount: 181.3479
Amount Units: ug/l



Eurofins TestAmerica, Edison

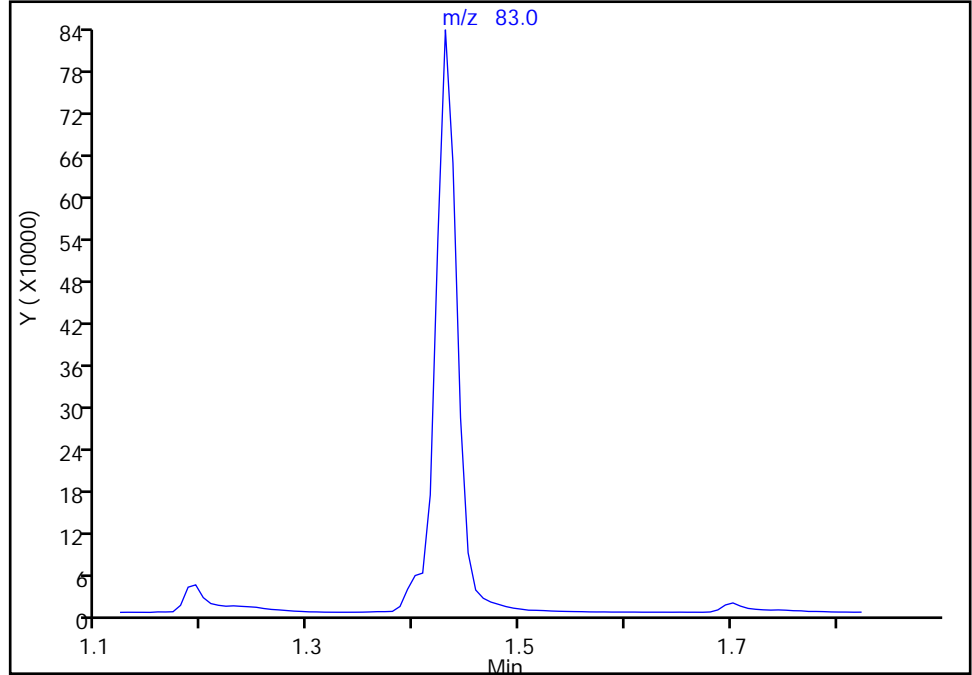
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

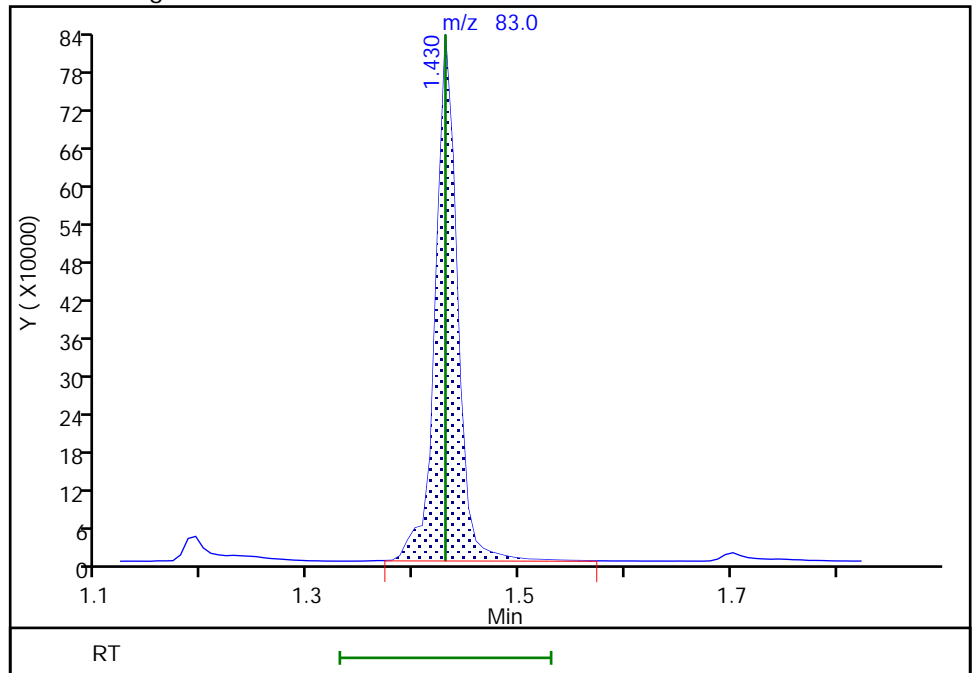
Not Detected
Expected RT: 1.43

Processing Integration Results



RT: 1.43
Area: 1205033
Amount: 199.4086
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

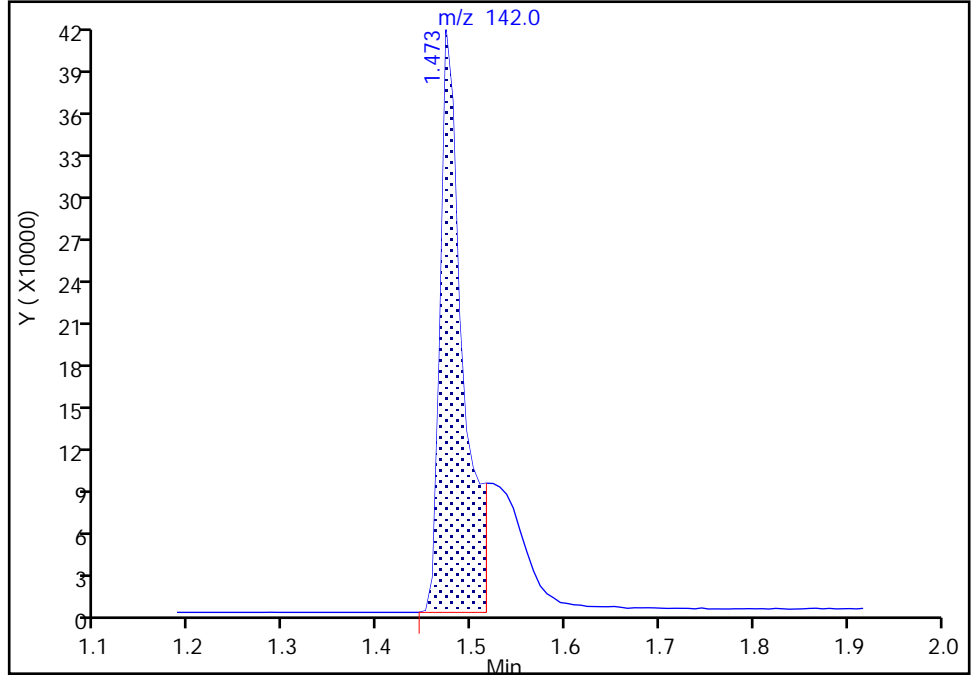
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

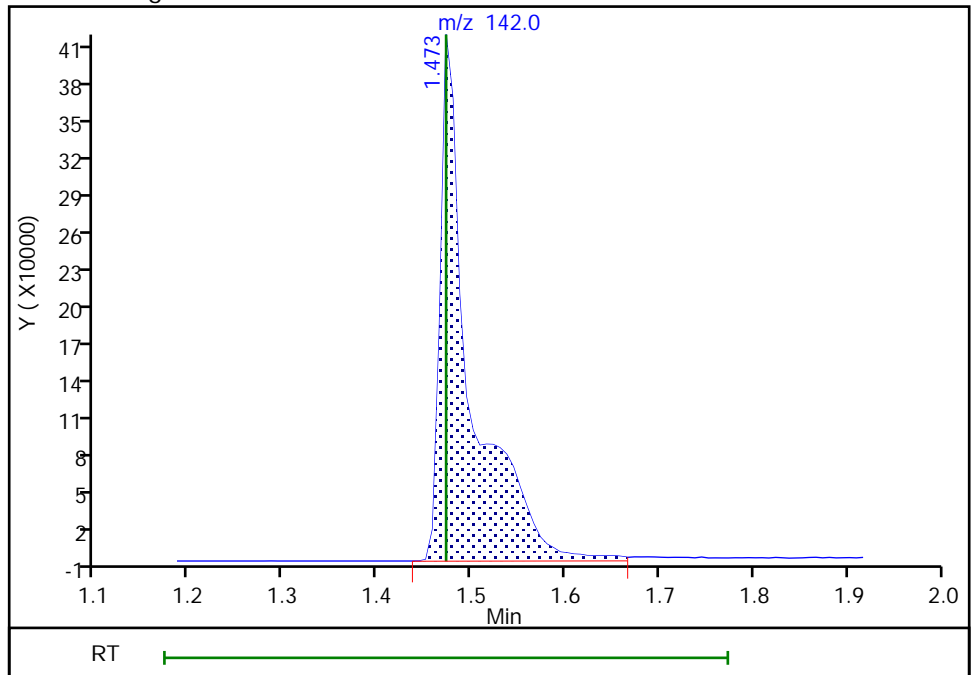
RT: 1.47
Area: 687307
Amount: 203.7078
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 928245
Amount: 207.7931
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

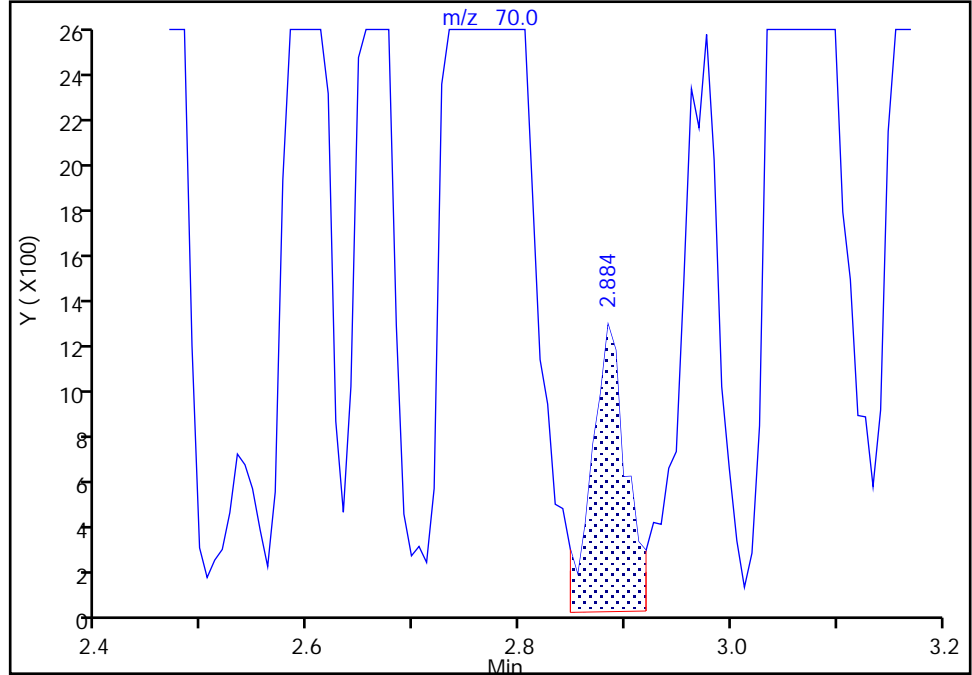
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

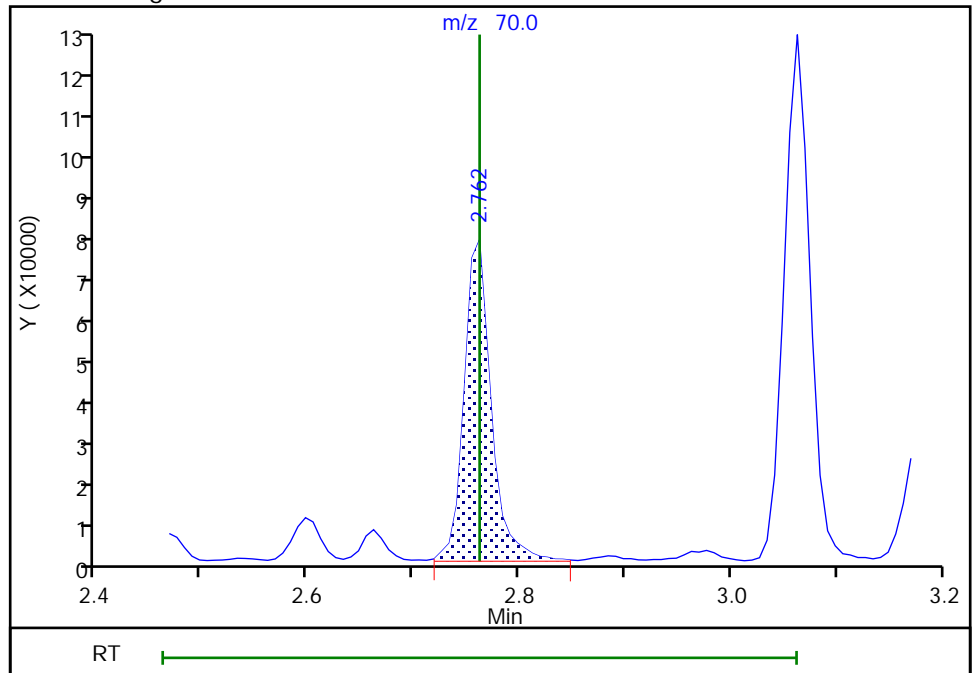
RT: 2.88
Area: 2868
Amount: 12.983087
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 133991
Amount: 393.3240
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:15:02
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

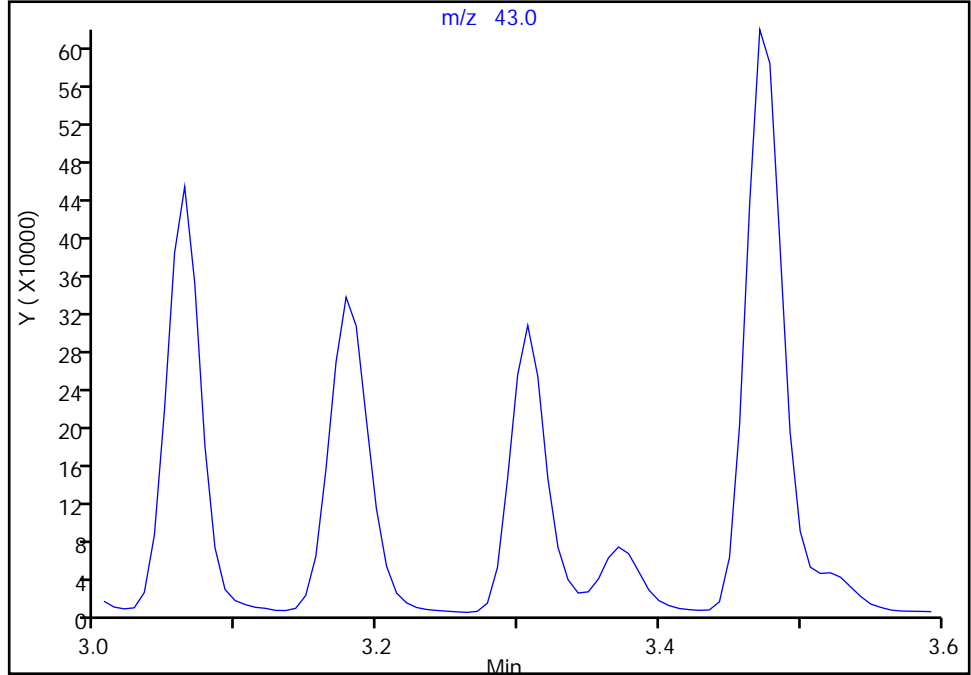
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

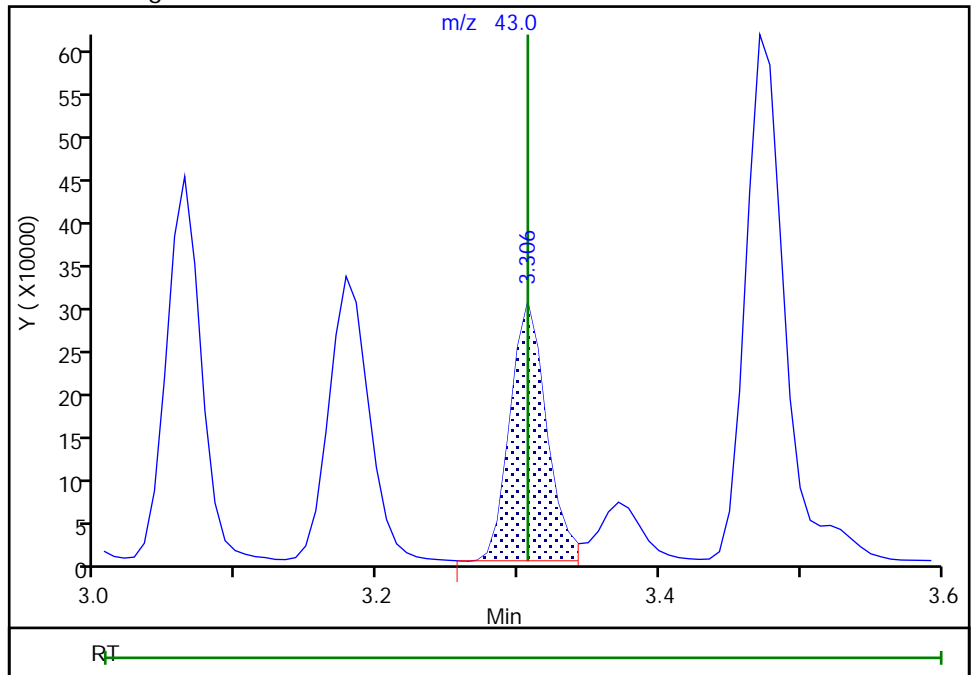
Not Detected
Expected RT: 3.31

Processing Integration Results



RT: 3.31
Area: 536648
Amount: 5472.3892
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-Jul-2020 07:18:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0112940-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:27 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:25:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	633950	500.0	543.1	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	85	103425	500.0	406.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	2654914	500.0	426.0	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	985181	500.0	432.7	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	378913	500.0	438.6	a
7 Vinyl chloride	62	0.900	0.900	0.000	100	2715278	500.0	463.4	M
6 Chloromethane	50	0.907	0.900	0.007	97	3695587	500.0	472.0	
8 Butadiene	54	0.907	0.900	0.007	97	2694930	500.0	513.5	M
9 Bromomethane	94	1.043	1.043	0.000	98	1232710	500.0	498.6	M
10 Chloroethane	64	1.093	1.100	-0.007	99	1387146	500.0	324.4	M
11 Pentane	72	1.158	1.158	0.000	94	617563	1000.0	636.4	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	97	3229431	500.0	430.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	4019458	500.0	443.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.301	-0.007	96	4133773	500.0	540.6	
15 Ethyl ether	59	1.308	1.308	0.000	94	2102952	500.0	512.0	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.408	1.401	0.007	76	3326387	500.0	500.3	
17 1,1-Dichloroethene	96	1.408	1.401	0.007	96	2207777	500.0	506.3	M
19 Carbon disulfide	76	1.415	1.415	0.000	100	8195378	500.0	506.7	
16 Ethanol	46	1.415	1.415	0.000	70	513937	20000	19994	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	78	2220108	500.0	506.9	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.437	1.430	0.007	93	3538923	500.0	512.0	Ma
22 Iodomethane	142	1.473	1.473	0.000	99	2438951	500.0	498.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	6404280	500.0	528.5	
24 Acrolein	56	1.580	1.573	0.007	96	192588	400.0	412.2	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	91	1326902	500.0	488.8	M
26 Isopropyl alcohol	45	1.695	1.666	0.029	98	1130584	5000.0	4654.0	
27 Methylene Chloride	84	1.702	1.702	0.000	96	2467497	500.0	467.1	
28 Acetone	43	1.738	1.731	0.007	86	2787295	2500.0	2456.6	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	97	2351596	500.0	484.9	
30 Methyl acetate	43	1.802	1.795	0.007	99	1711415	1000.0	660.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	93	611512	500.0	546.1	
32 Methyl tert-butyl ether	73	1.852	1.845	0.007	90	6285219	500.0	515.4	
* 33 TBA-d9 (IS)	65	1.881	1.874	0.007	100	318910	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.924	1.917	0.007	99	1741147	5000.0	4999.7	
35 Acetonitrile	41	1.996	1.989	0.007	98	2251404	5000.0	4682.0	
36 Isopropyl ether	45	2.074	2.067	0.007	95	6892582	500.0	531.4	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	1903790	500.0	511.2	
38 1,1-Dichloroethane	63	2.139	2.132	0.007	100	3799536	500.0	504.1	
39 Acrylonitrile	53	2.175	2.168	0.007	95	6470044	5000.0	5256.7	
40 Tert-butyl ethyl ether	59	2.297	2.289	0.007	90	6989930	500.0	587.6	
41 Vinyl acetate	43	2.297	2.297	-0.001	100	9469553	1000.0	1217.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	2135653	500.0	482.0	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	2660899	500.0	508.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	3531140	500.0	526.8	
45 Chlorobromomethane	128	2.612	2.605	0.007	92	760884	500.0	375.7	
46 Chloroform	83	2.669	2.662	0.007	97	3495185	500.0	490.2	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	2437560	500.0	547.7	
49 Methyl acrylate	55	2.762	2.762	0.000	79	1565903	500.0	570.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	406223	1000.0	1032.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	97	1384528	1000.0	1033.7	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	33	177838	50.0	49.4	
52 1,1,1-Trichloroethane	97	2.798	2.791	0.007	98	2934830	500.0	511.0	
* 53 2-Butanone-d5	46	2.855	2.848	0.007	97	319265	250.0	250.0	a
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	1101763	2500.0	2613.0	
55 1,1-Dichloropropene	75	2.891	2.884	0.007	90	2822171	500.0	485.9	
56 Isooctane	57	2.970	2.970	0.000	98	4898819	500.0	496.0	
58 Benzene	78	3.070	3.063	0.007	98	8554209	500.0	498.1	
57 n-Heptane	57	3.070	3.063	0.007	94	1321710	500.0	534.4	
59 Propionitrile	54	3.120	3.092	0.028	92	2814076	5000.0	5547.2	
60 Methacrylonitrile	67	3.127	3.106	0.021	93	8471211	5000.0	6032.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.185	3.170	0.015	0	240617	50.0	55.7	
62 Tert-amyl methyl ether	73	3.185	3.178	0.007	98	5943408	500.0	598.6	
63 1,2-Dichloroethane	62	3.235	3.228	0.007	97	2693895	500.0	502.9	
64 Isobutyl alcohol	43	3.321	3.307	0.014	98	1699495	12500	14333	a
65 t-Amyl alcohol	59	3.385	3.371	0.014	96	1198498	5000.0	6155.8	
* 66 Fluorobenzene	96	3.407	3.400	0.007	99	770694	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	99	3550476	500.0	583.5	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	3472986	500.0	552.4	
69 Trichloroethene	130	3.550	3.550	0.000	97	2145799	500.0	521.0	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	92	5035171	500.0	576.1	
71 Dibromomethane	93	3.908	3.908	0.000	96	1191809	500.0	512.8	
72 n-Butanol	56	3.930	3.930	0.000	90	1101198	12500	12492	
73 1,2-Dichloropropane	63	4.001	3.994	0.007	88	2107720	500.0	516.8	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	2718285	500.0	535.3	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	2278436	500.0	486.9	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	81	26623	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	90	932802	1000.0	1173.2	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	373673	10000	10548	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	2322572	500.0	489.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	515973	501.2	1073.7	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	3283927	500.0	553.5	
\$ 82 Toluene-d8 (Surr)	98	4.904	4.897	0.007	99	653868	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	8771046	500.0	499.3	
84 Epichlorohydrin	57	4.990	4.983	0.007	100	2569334	10000	14973	
85 2-Nitropropane	41	5.205	5.205	0.000	99	898689	1000.0	1252.8	
86 Tetrachloroethene	166	5.377	5.369	0.008	97	2029624	500.0	494.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.427	5.420	0.007	97	8166806	2500.0	2940.7	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	3134655	500.0	596.9	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	95	1414917	500.0	507.6	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	2195144	500.0	493.9	
91 Chlorodibromomethane	129	5.821	5.814	0.007	98	1887216	500.0	560.8	
92 1,3-Dichloropropane	76	5.935	5.928	0.007	95	2868130	500.0	503.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	1658821	500.0	541.1	
94 n-Butyl acetate	43	6.415	6.415	0.000	98	2418753	500.0	491.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	5525557	2500.0	2499.6	
* 96 Chlorobenzene-d5	117	6.745	6.738	0.007	86	564116	50.0	50.0	
97 Chlorobenzene	112	6.766	6.759	0.007	94	5439462	500.0	494.0	
98 Ethylbenzene	106	6.859	6.845	0.014	99	3213969	500.0	527.3	
99 1,1,1,2-Tetrachloroethane	131	6.881	6.874	0.007	94	1972829	500.0	575.8	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	3666152	500.0	501.2	
101 o-Xylene	106	7.647	7.640	0.007	93	3561229	500.0	522.7	
102 Bromoform	173	7.712	7.705	0.007	96	1225478	500.0	485.3	
103 Styrene	104	7.733	7.733	0.000	93	6130837	500.0	552.1	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	1351344	500.0	488.9	
105 Isopropylbenzene	105	8.134	8.127	0.007	97	9443384	500.0	513.5	
106 Amyl acetate (mixed isomers)	43	8.485	8.478	0.007	90	3208338	500.0	496.3	
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	89	221083	50.0	49.0	
108 Bromobenzene	156	8.600	8.600	0.000	97	2396410	500.0	505.4	
109 N-Propylbenzene	91	8.765	8.758	0.007	99	11499943	500.0	519.0	
110 1,1,2,2-Tetrachloroethane	83	8.915	8.908	0.007	97	2237847	500.0	577.9	
111 2-Chlorotoluene	91	8.929	8.922	0.007	97	8319166	500.0	536.9	
112 4-Ethyltoluene	105	8.958	8.944	0.014	98	9886501	500.0	535.6	
113 1,2,3-Trichloropropane	110	9.044	9.037	0.007	97	579031	500.0	531.4	
114 1,3,5-Trimethylbenzene	105	9.116	9.101	0.015	92	8134740	500.0	528.9	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	90	644017	500.0	499.8	
116 4-Chlorotoluene	91	9.202	9.187	0.015	98	7324306	500.0	530.0	
117 tert-Butylbenzene	119	9.574	9.560	0.014	93	6555446	500.0	514.2	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	99	8738279	500.0	559.8	
119 Butyl Methacrylate	87	9.717	9.710	0.007	96	3163616	500.0	487.5	
120 sec-Butylbenzene	105	9.868	9.854	0.014	98	10113977	500.0	508.8	
121 1,3-Dichlorobenzene	146	10.119	10.111	0.008	94	4671068	500.0	519.5	
122 4-Isopropyltoluene	119	10.147	10.133	0.014	97	8770578	500.0	539.8	
* 123 1,4-Dichlorobenzene-d4	152	10.255	10.240	0.015	97	309825	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.276	10.262	0.014	93	4674539	500.0	474.9	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	8834776	500.0	539.4	
126 2,3-Dihydroindene	117	10.555	10.541	0.014	94	8380343	500.0	514.4	
127 Benzyl chloride	126	10.727	10.727	0.000	99	850576	500.0	487.1	
128 p-Diethylbenzene	119	10.756	10.742	0.014	92	4548722	500.0	549.3	
129 n-Butylbenzene	91	10.835	10.828	0.007	99	8192713	500.0	529.9	
130 1,2-Dichlorobenzene	146	10.942	10.928	0.014	95	4531871	500.0	502.5	
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	8145875	500.0	538.5	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	95	403654	500.0	565.3	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	3371079	500.0	488.9	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	3012061	500.0	500.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	92	1016581	500.0	454.5	
136 Naphthalene	128	13.127	13.127	0.000	99	6481265	500.0	533.6	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	96	2654121	500.0	469.8	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	966.9	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1150.4	
S 140 Xylenes, Total	100				0		1000.0	1023.9	
S 142 Total BTEX	1				0		2500.0	2548.6	

QC Flag Legend

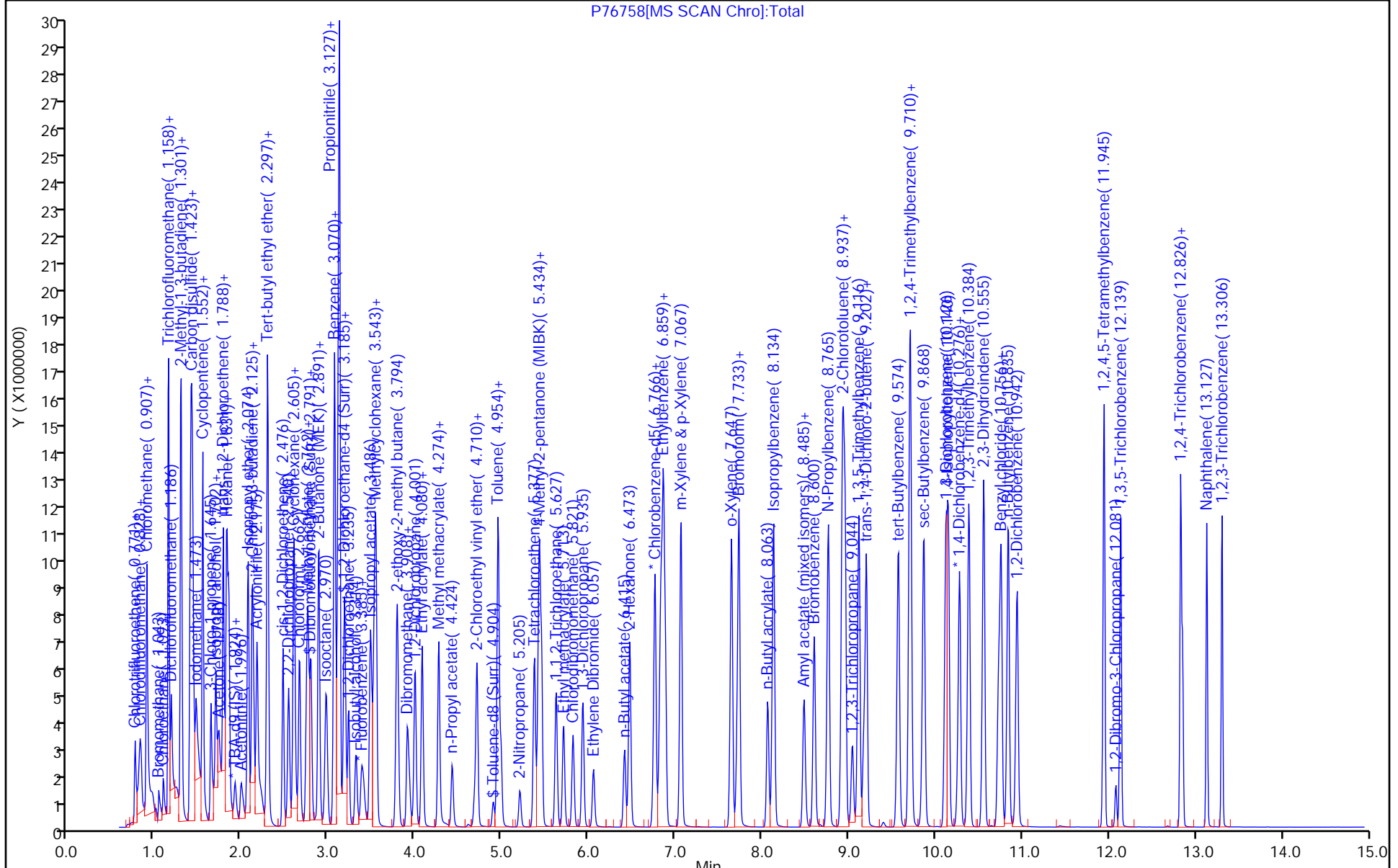
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

Ethanol mix_00041	Amount Added: 50.00	Units: uL	
MIX 1 Hi_00127	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00100	Amount Added: 50.00	Units: uL	
8FreonHi_00020	Amount Added: 50.00	Units: uL	
GAS Hi_00365	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 40.00	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

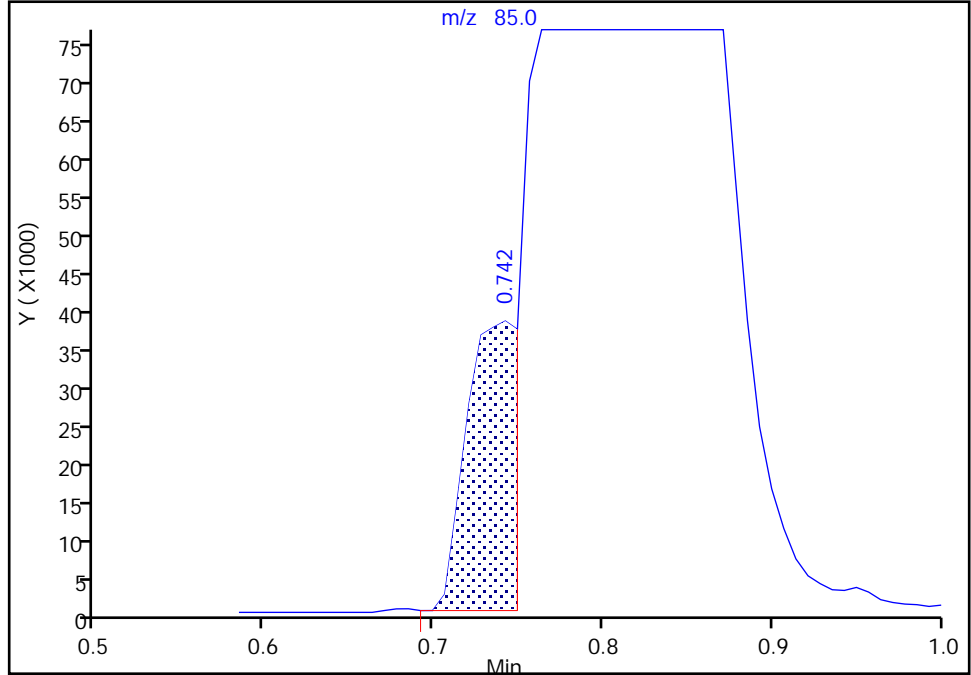
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Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 2

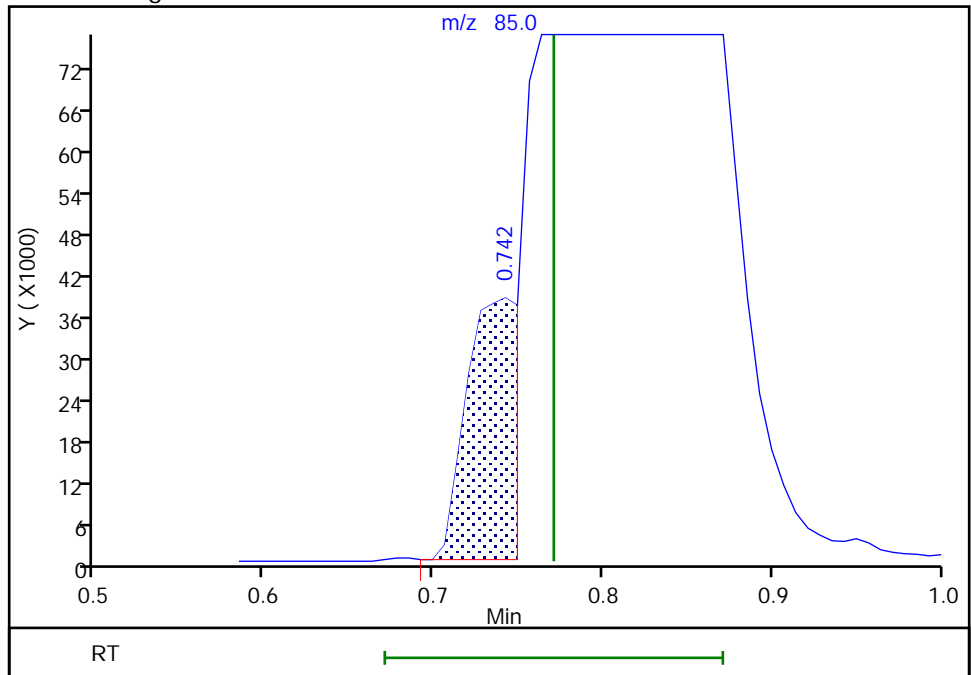
RT: 0.74
Area: 82299
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.74
Area: 82299
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
Page 226 of 426

Eurofins TestAmerica, Edison

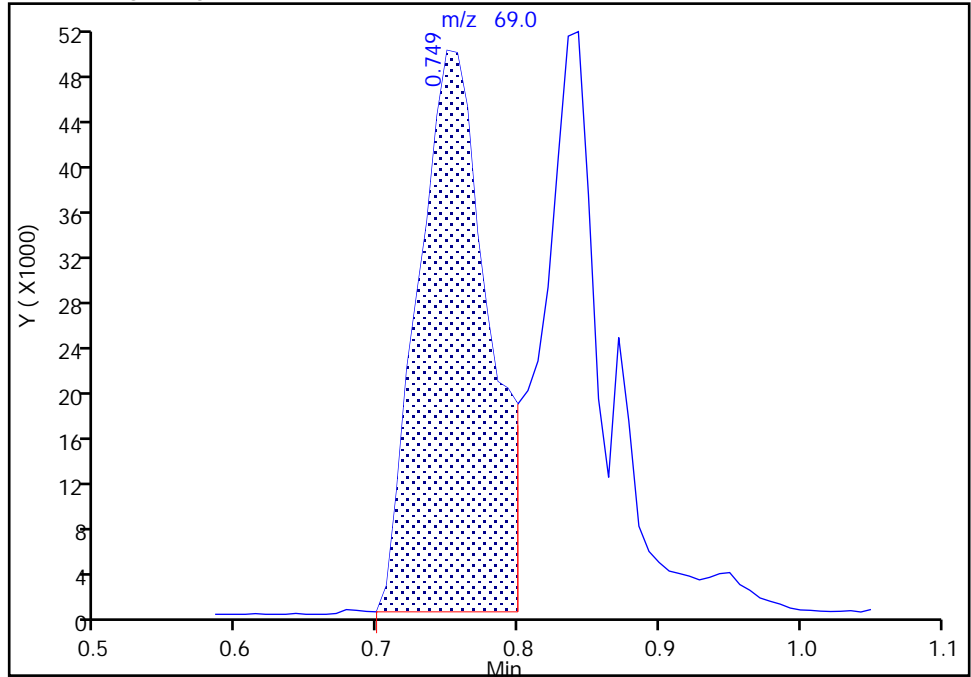
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\VP76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 3

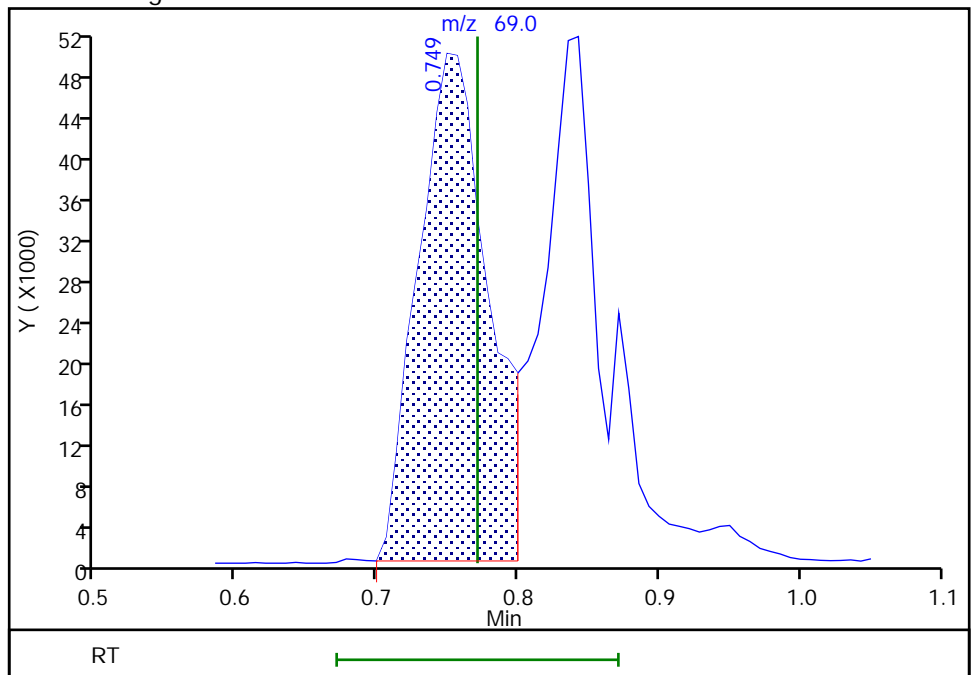
RT: 0.75
Area: 174194
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.75
Area: 174194
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected

Eurofins TestAmerica, Edison

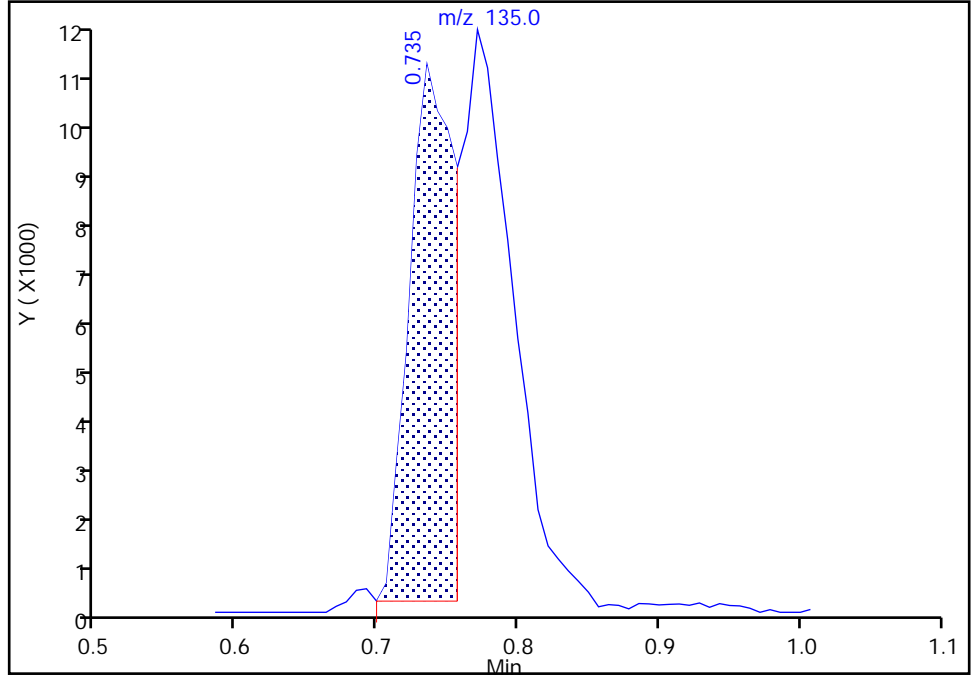
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\VP76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 4

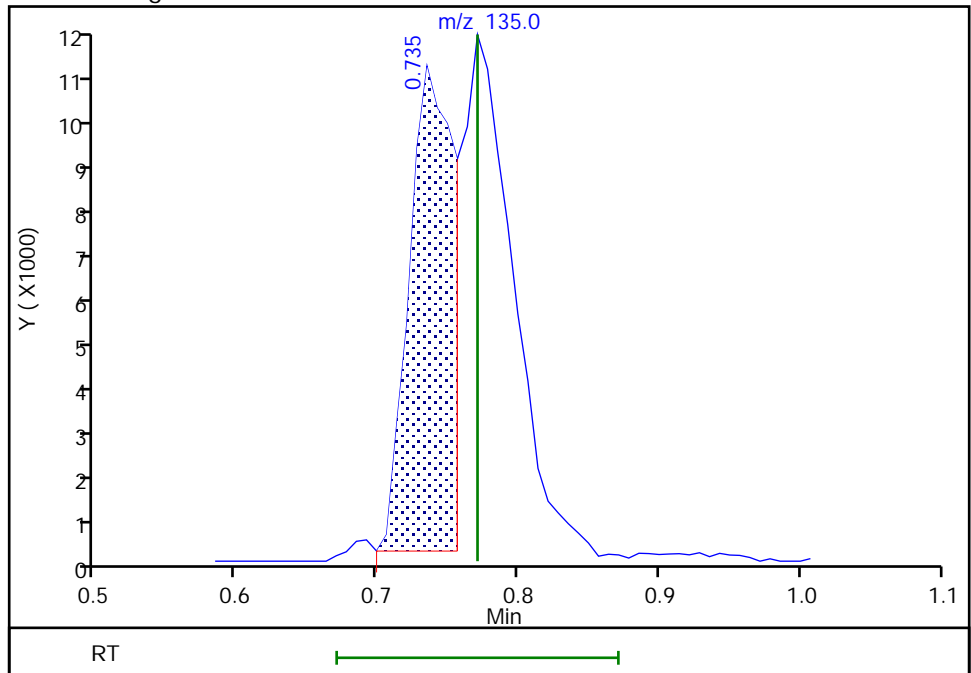
RT: 0.73
Area: 23226
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.73
Area: 23226
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

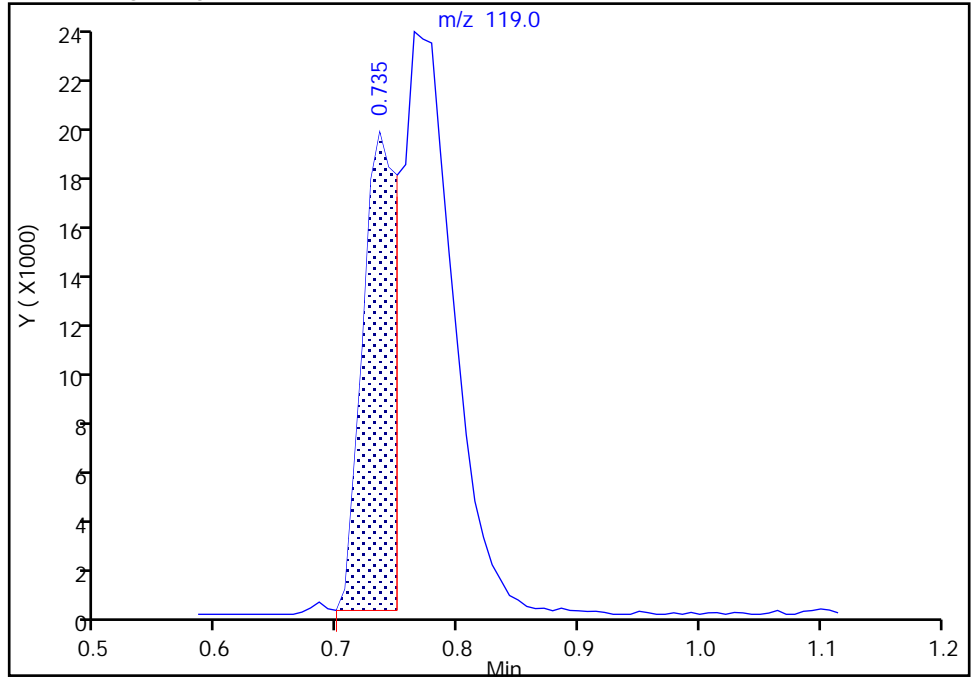
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Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

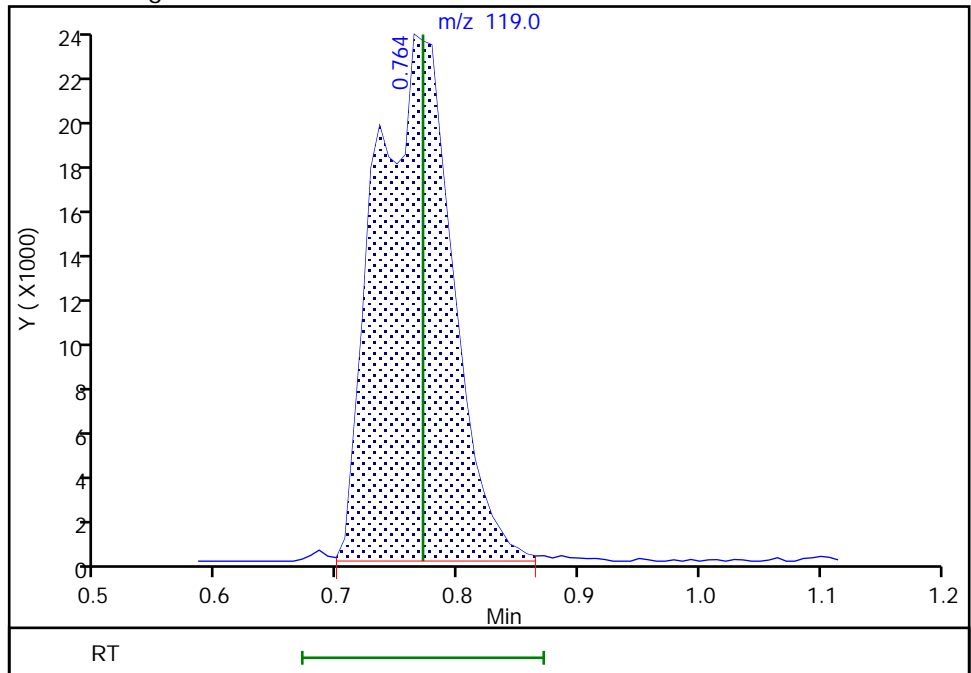
RT: 0.73
Area: 38000
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 103425
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:03:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

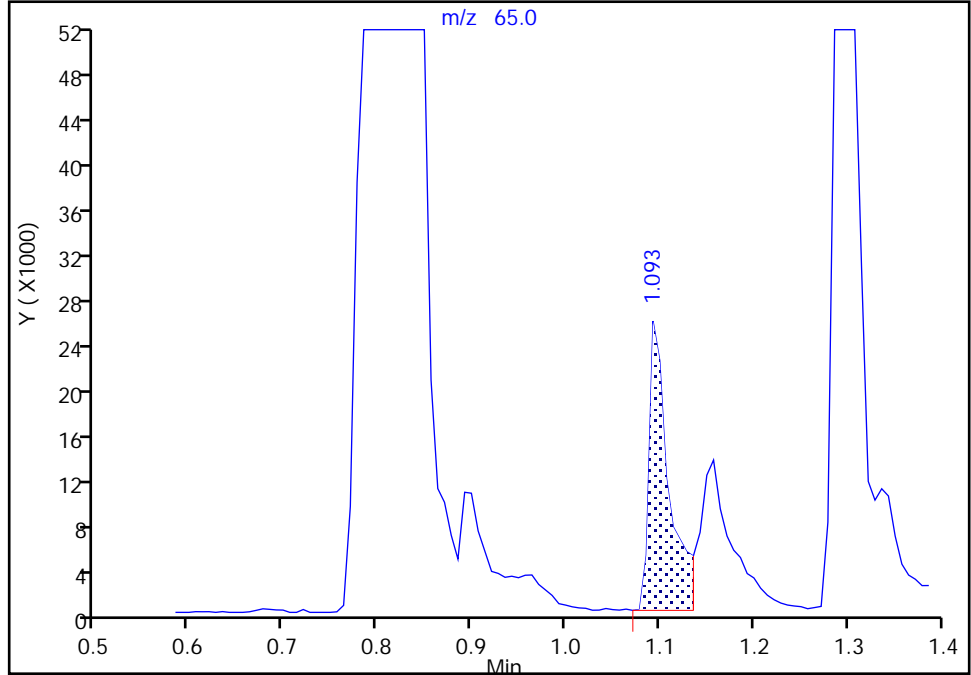
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

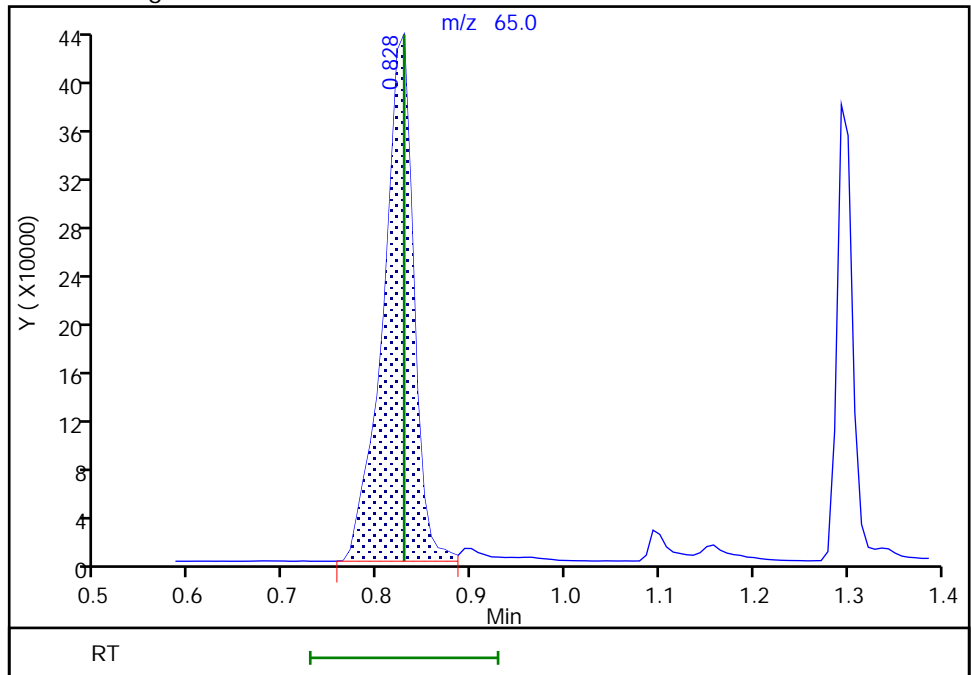
RT: 1.09
Area: 37956
Amount: 500.5959
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 985181
Amount: 432.7313
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

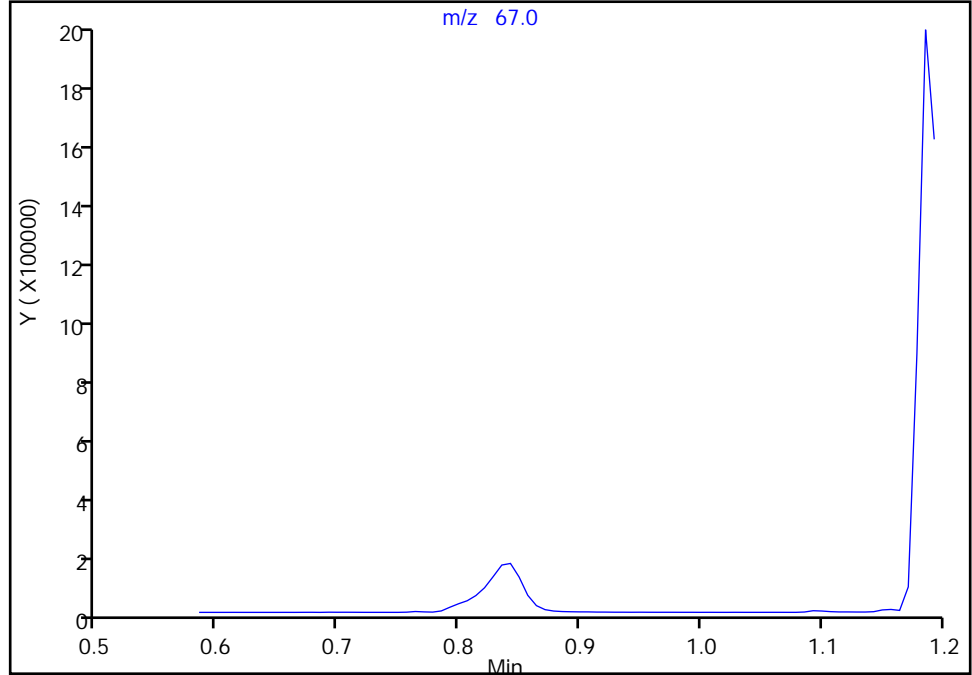
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

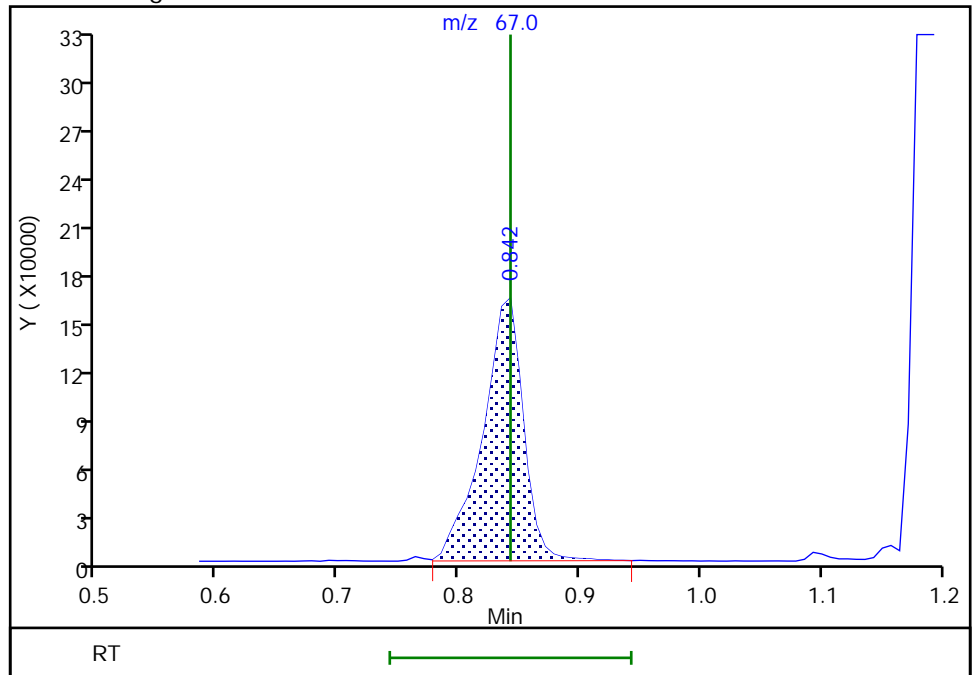
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 378913
Amount: 438.5889
Amount Units: ug/l



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

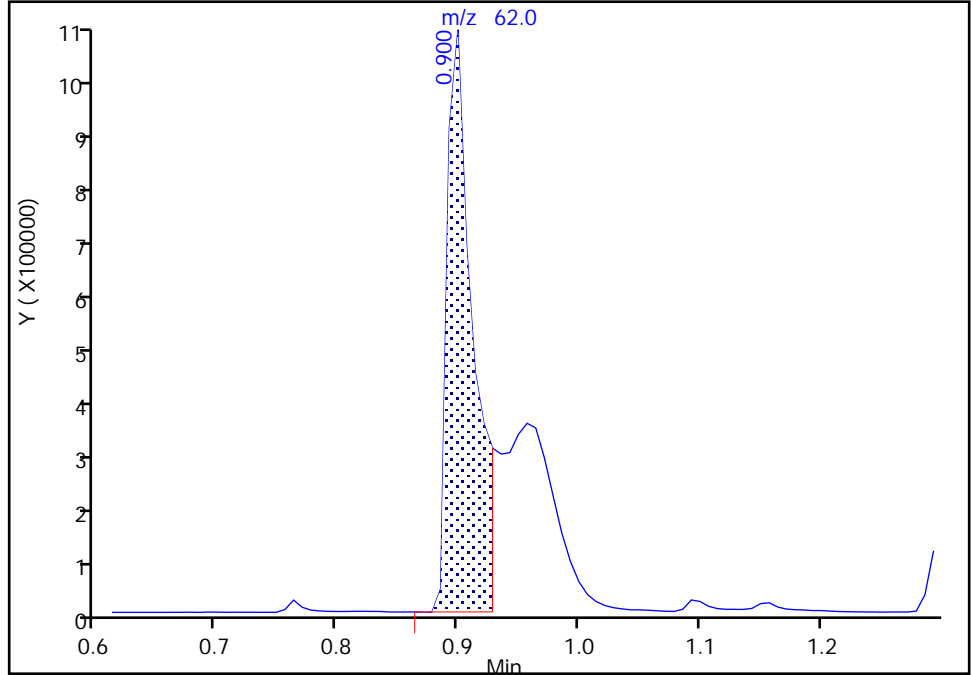
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

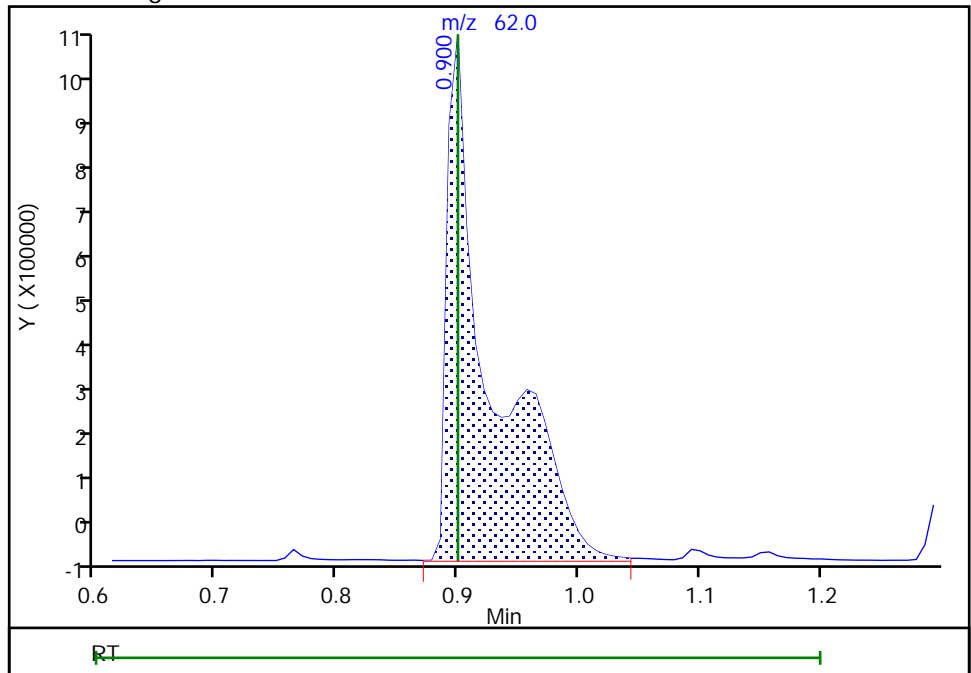
RT: 0.90
Area: 1626960
Amount: 302.6821
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 2715278
Amount: 463.4283
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

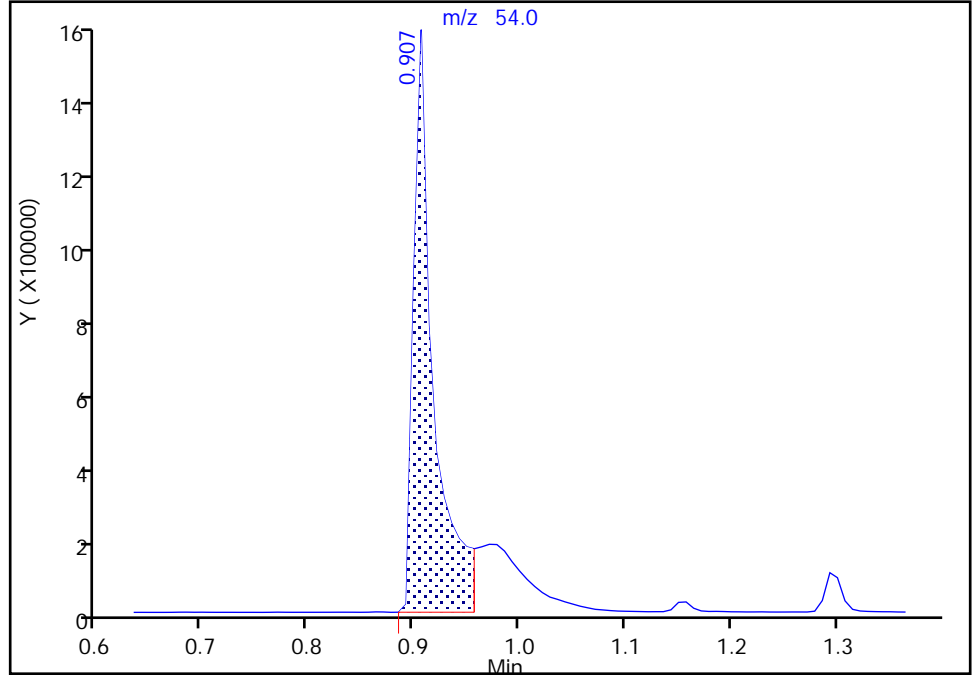
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

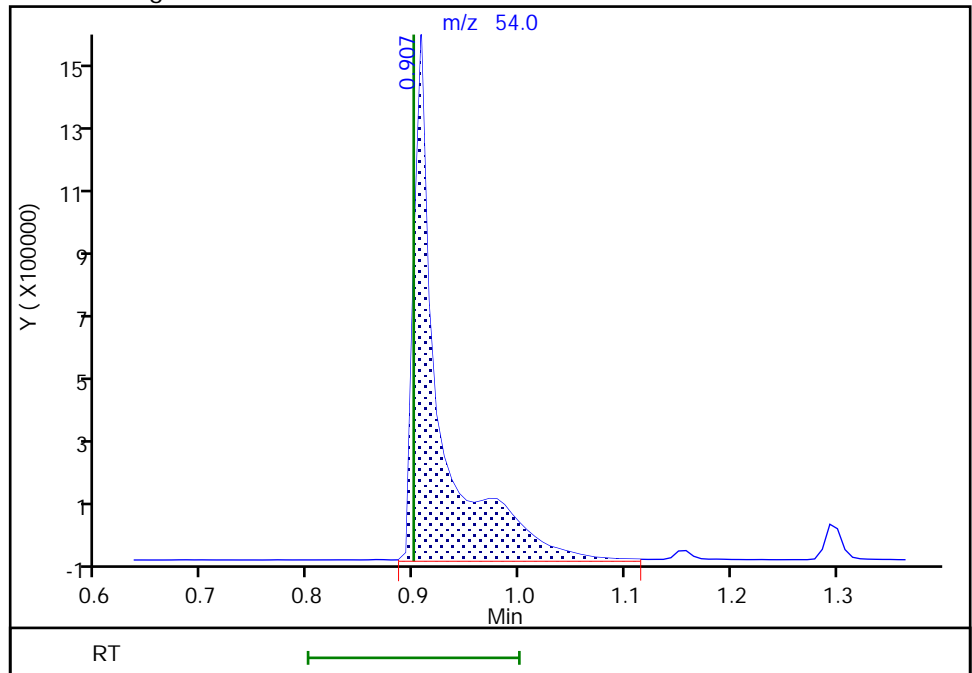
RT: 0.91
Area: 2058488
Amount: 414.6286
Amount Units: ug/l

Processing Integration Results



RT: 0.91
Area: 2694930
Amount: 513.5160
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

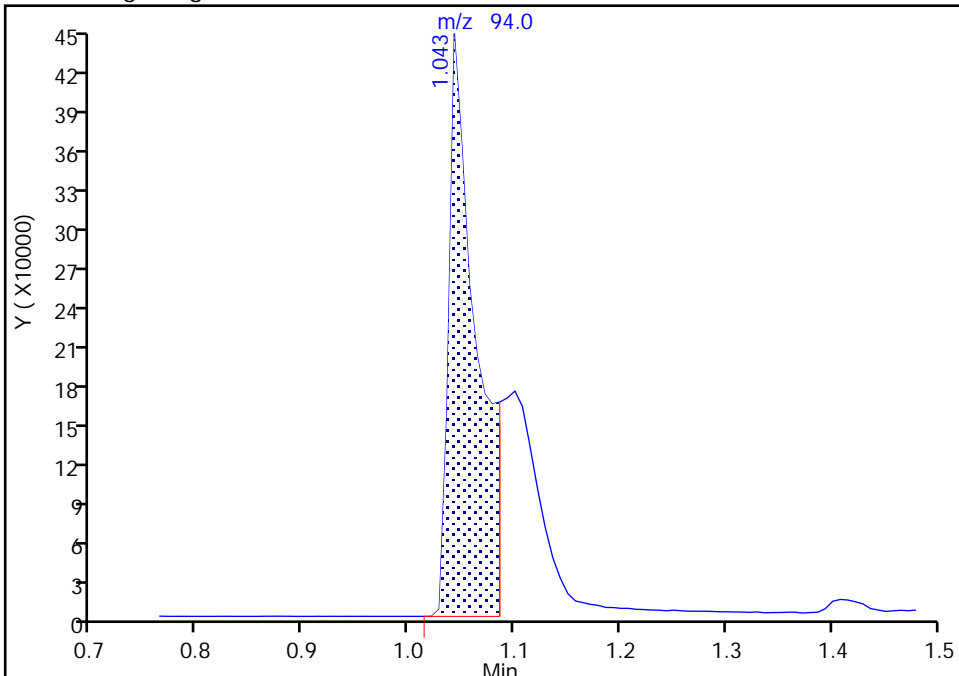
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

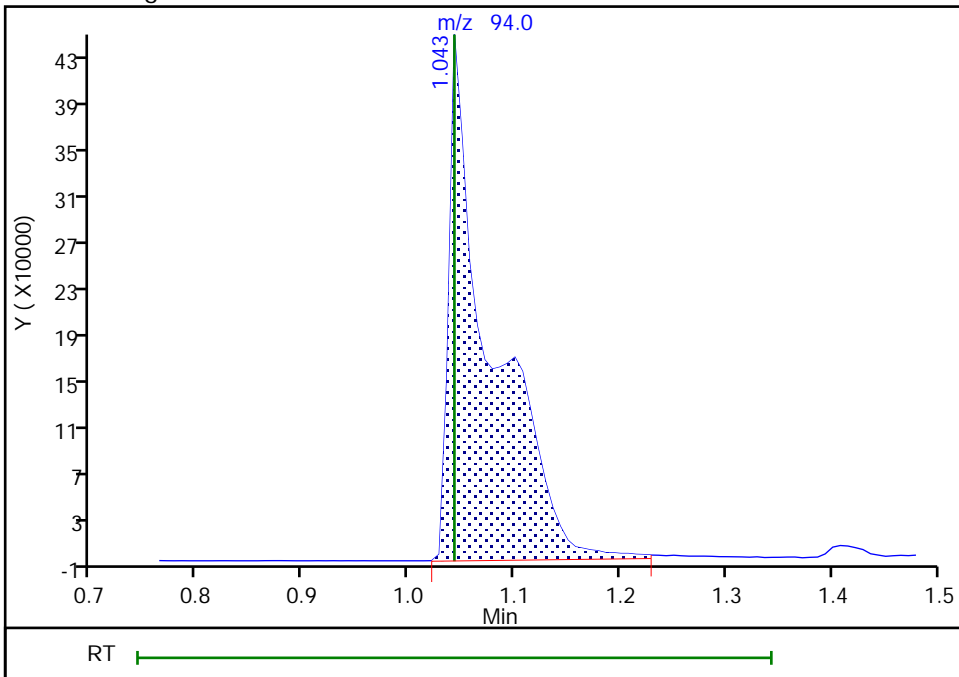
RT: 1.04
Area: 825340
Amount: 419.4854
Amount Units: ug/l

Processing Integration Results



RT: 1.04
Area: 1232710
Amount: 498.5538
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:19
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

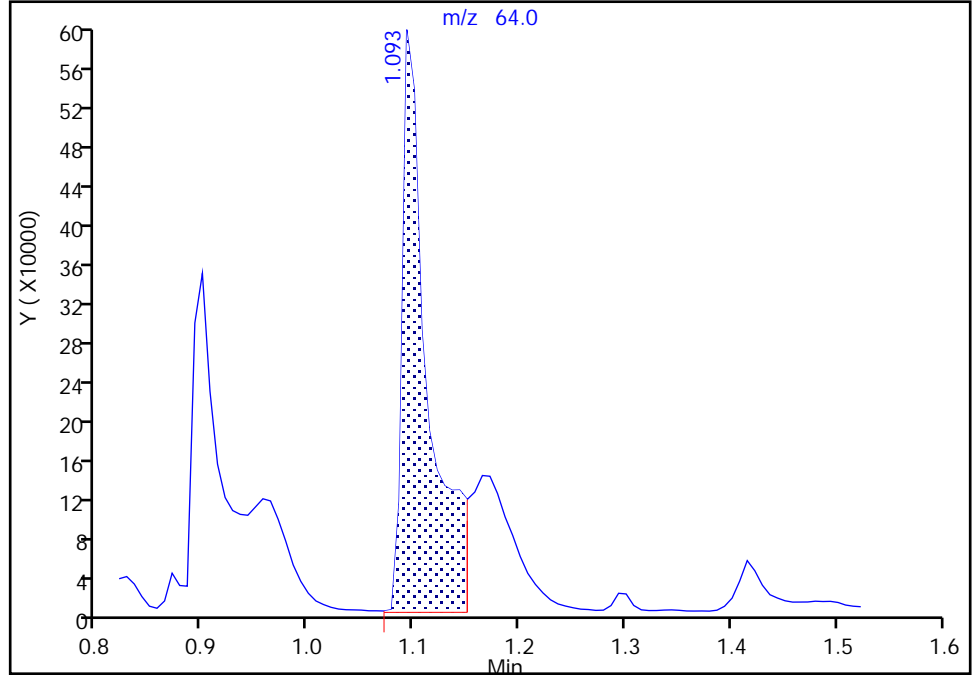
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

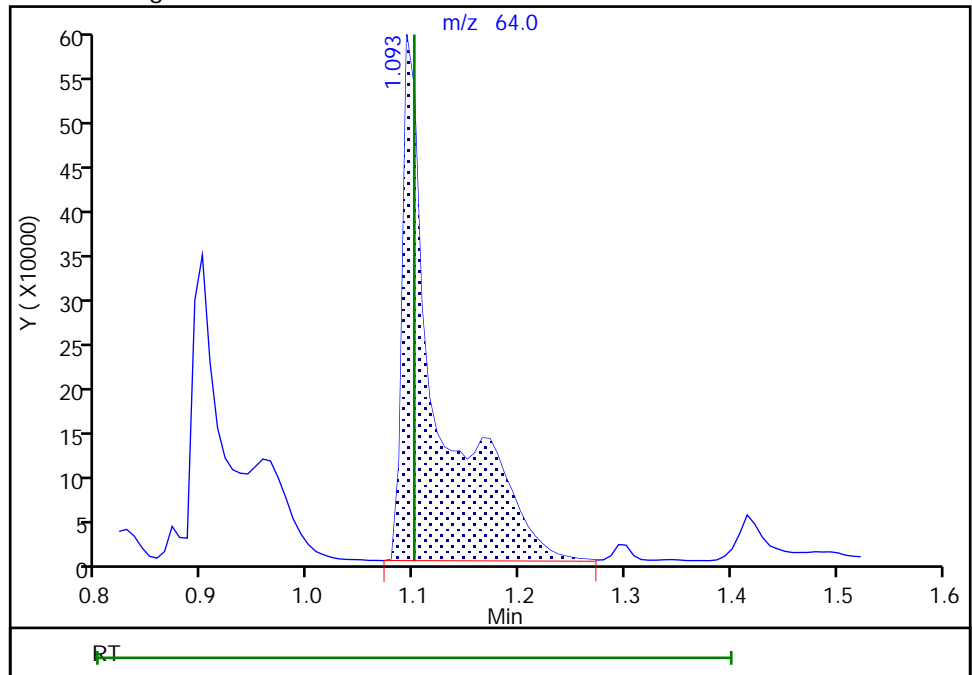
RT: 1.09
Area: 1018559
Amount: 290.9023
Amount Units: ug/l

Processing Integration Results



RT: 1.09
Area: 1387146
Amount: 324.4384
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

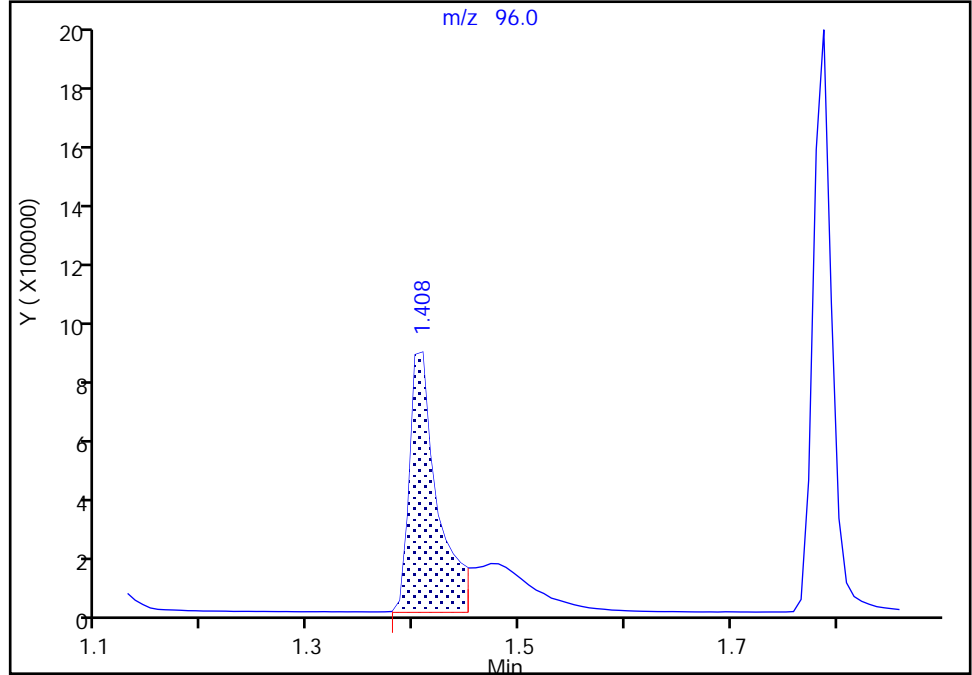
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

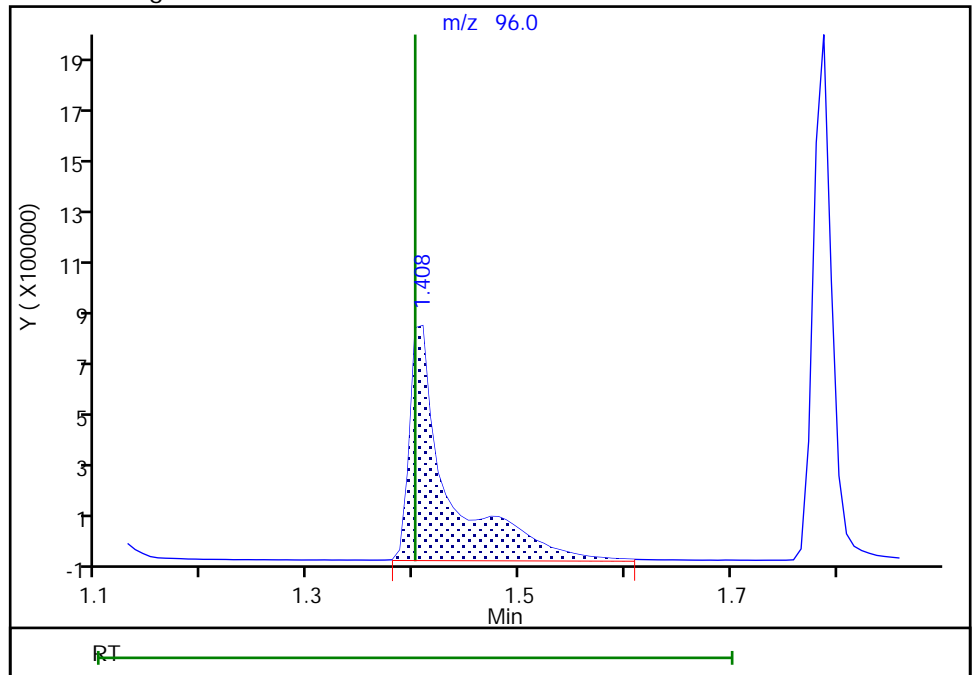
RT: 1.41
Area: 1565260
Amount: 395.9847
Amount Units: ug/l

Processing Integration Results



RT: 1.41
Area: 2207777
Amount: 506.3233
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:43
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

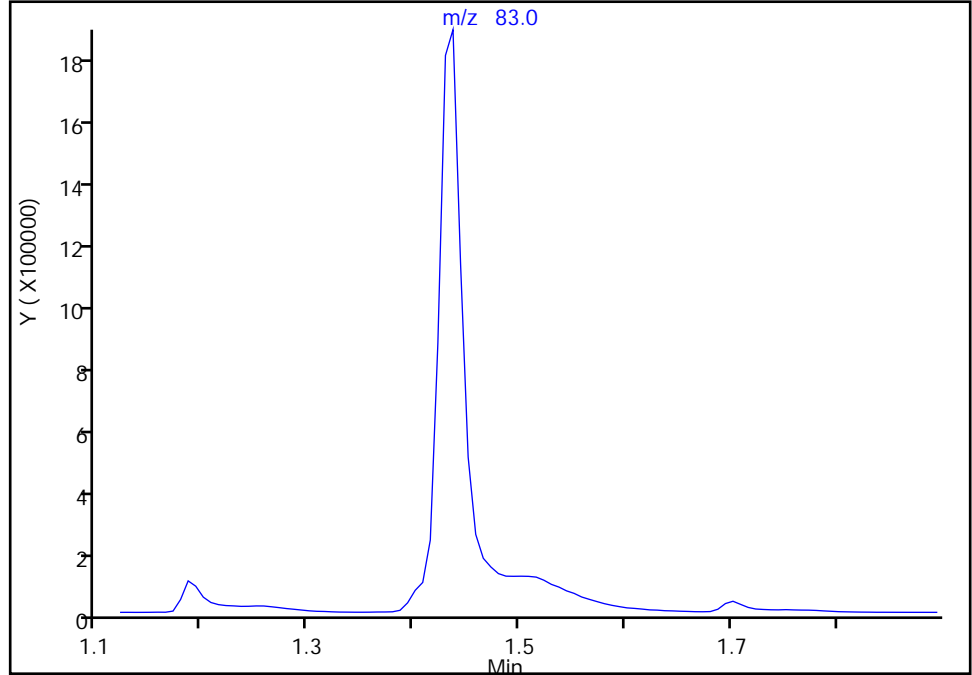
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

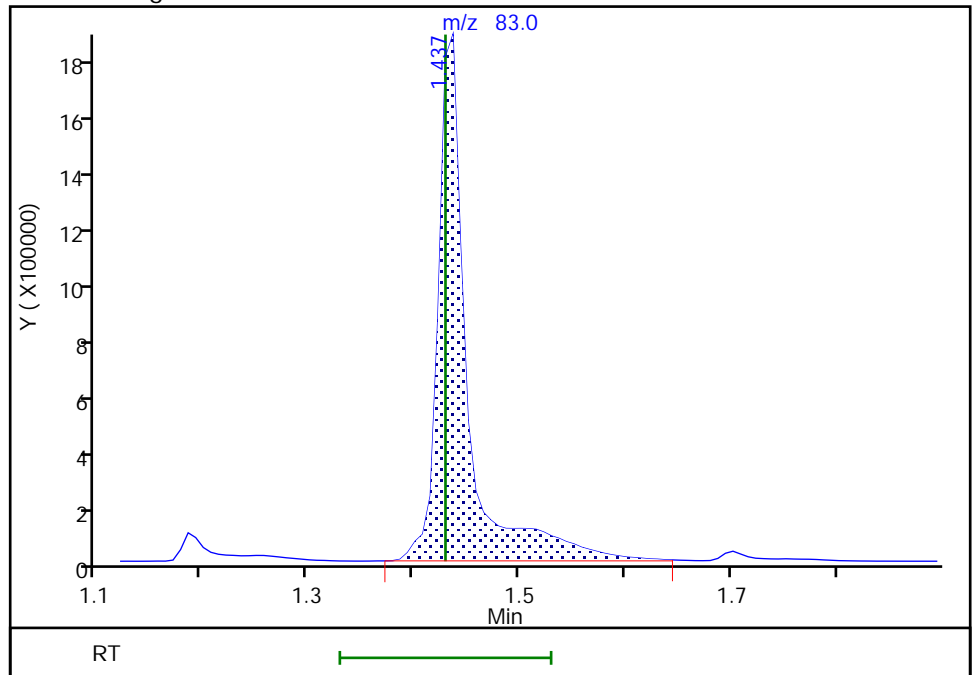
Not Detected
Expected RT: 1.43

Processing Integration Results



RT: 1.44
Area: 3538923
Amount: 511.9806
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

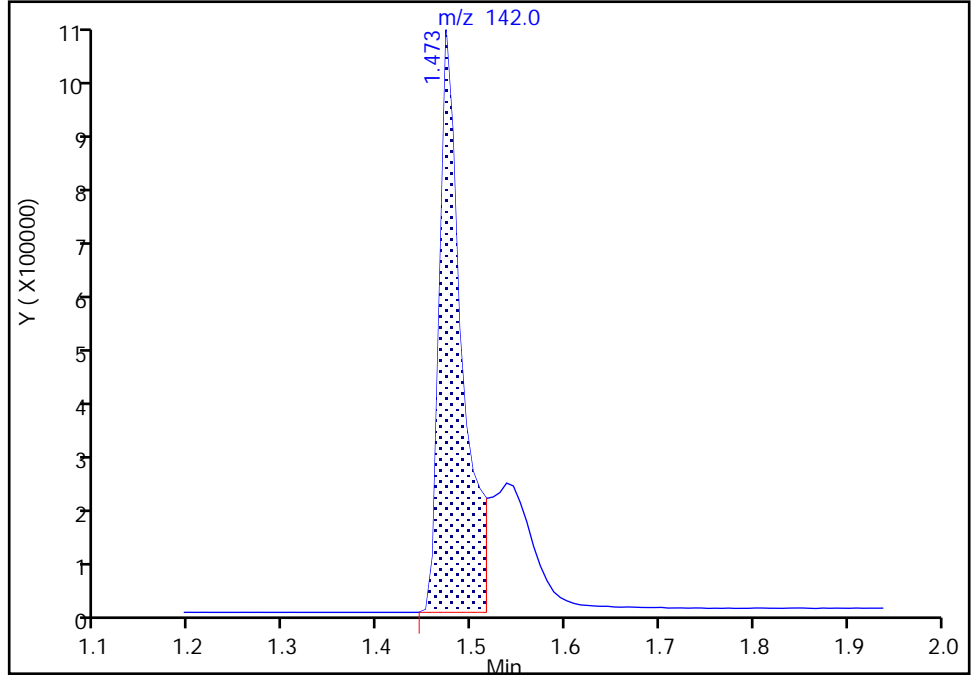
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

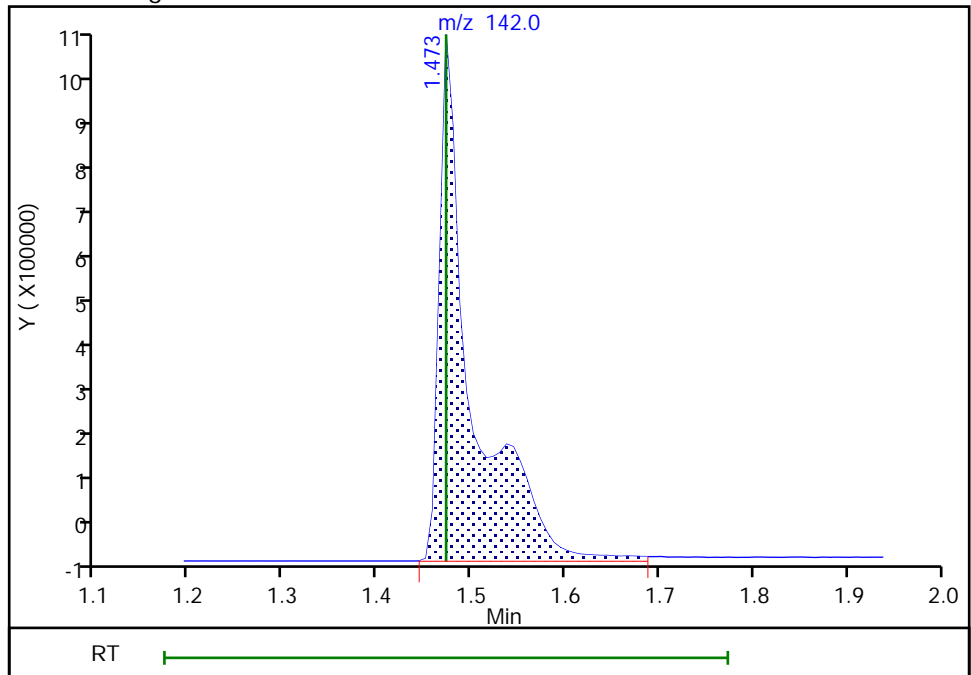
RT: 1.47
Area: 1715189
Amount: 491.2297
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 2438951
Amount: 498.8240
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

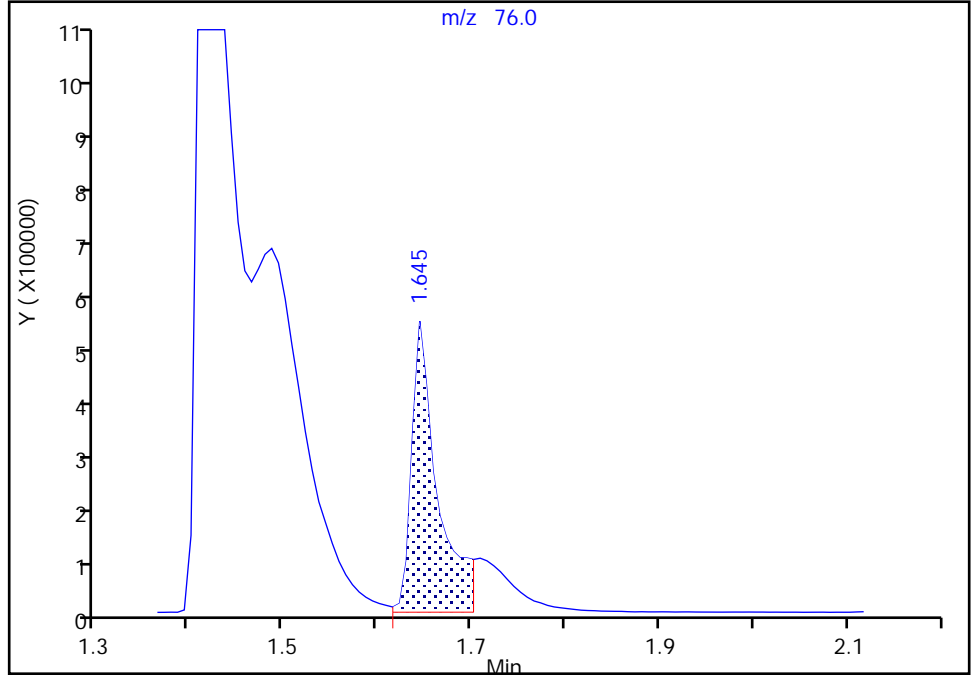
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

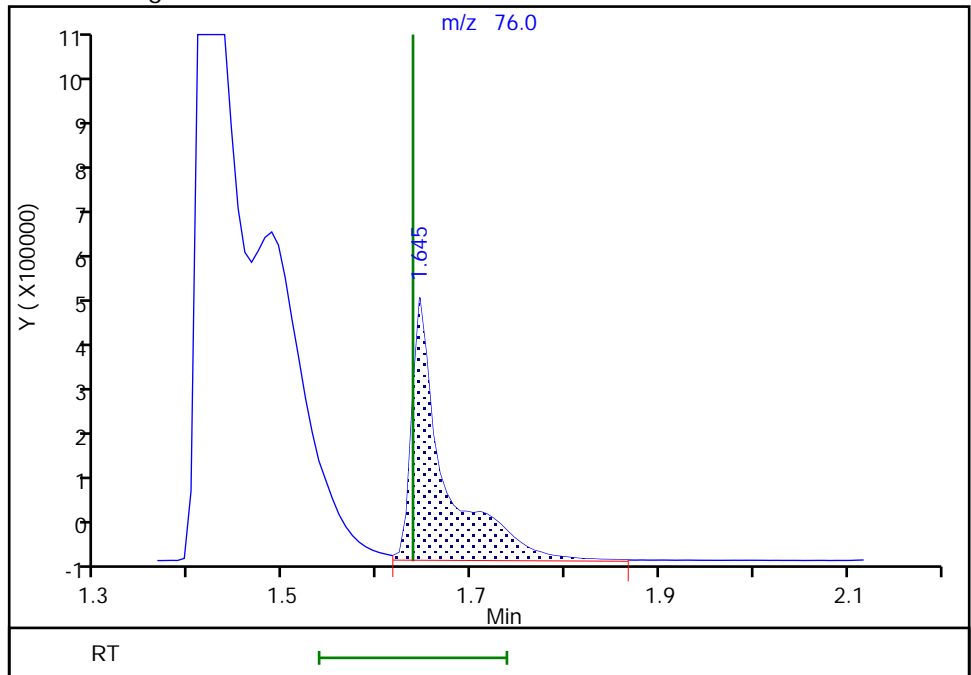
RT: 1.64
Area: 1046249
Amount: 409.6746
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 1326902
Amount: 488.7912
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:23
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

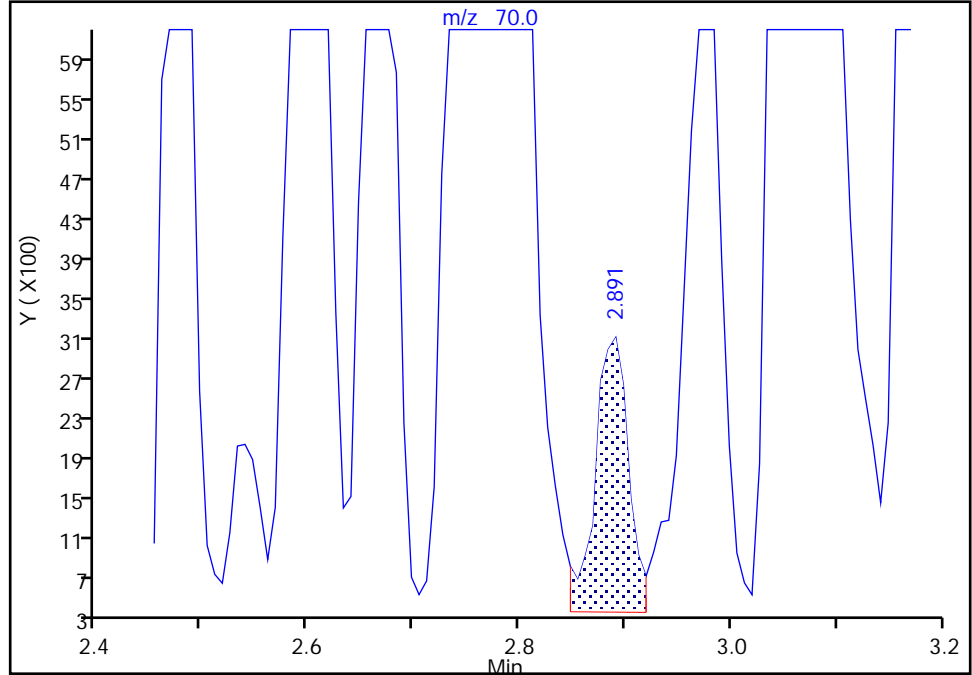
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

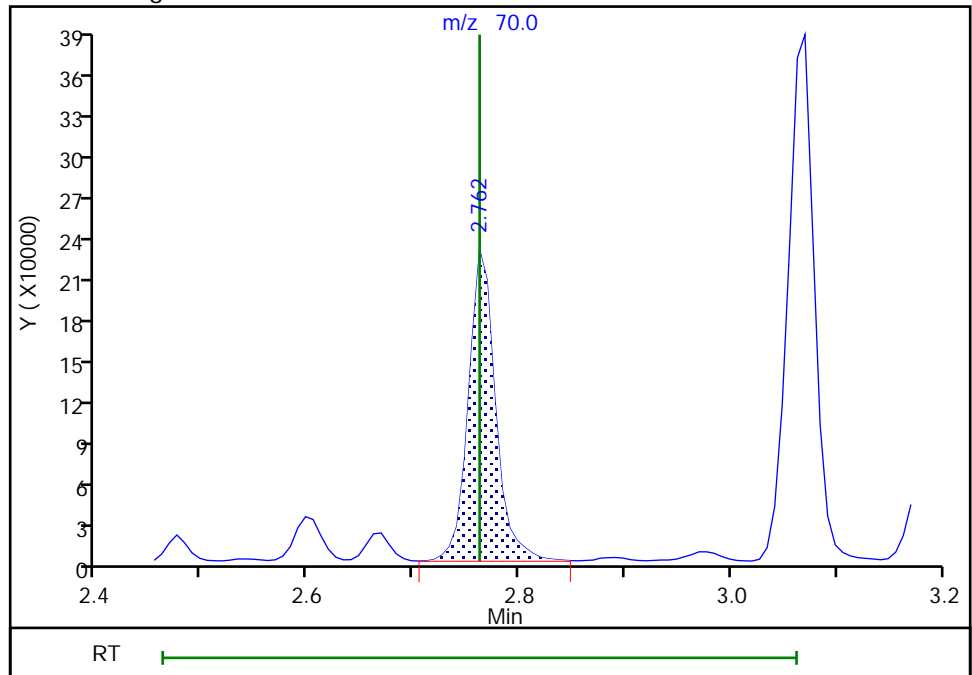
RT: 2.89
Area: 6091
Amount: 19.133147
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 406223
Amount: 1032.0902
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:50
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

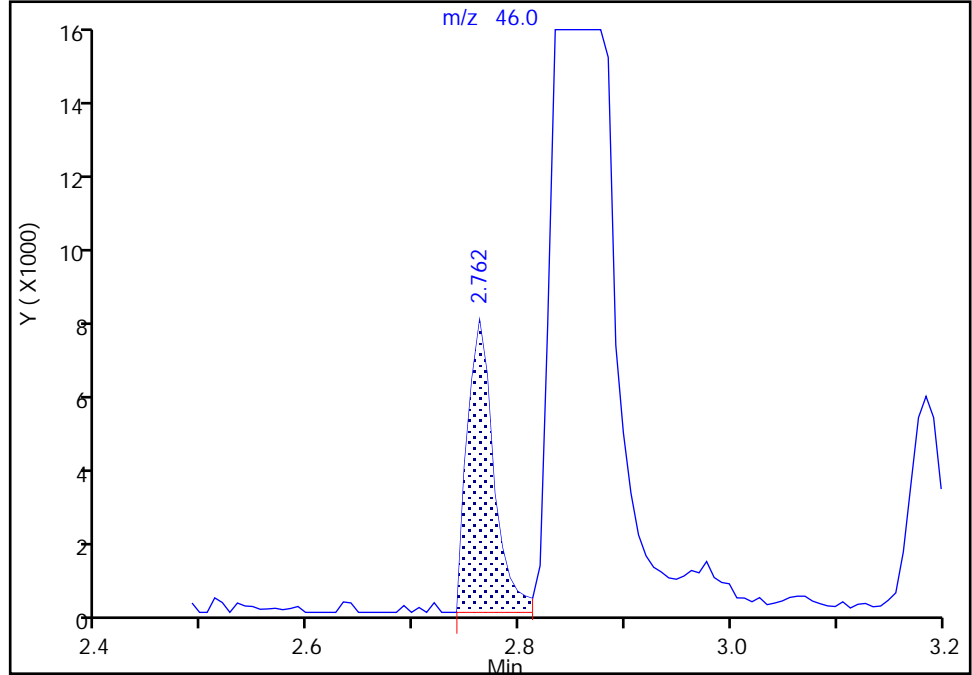
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

* 53 2-Butanone-d5, CAS: 24313-50-6
Signal: 1

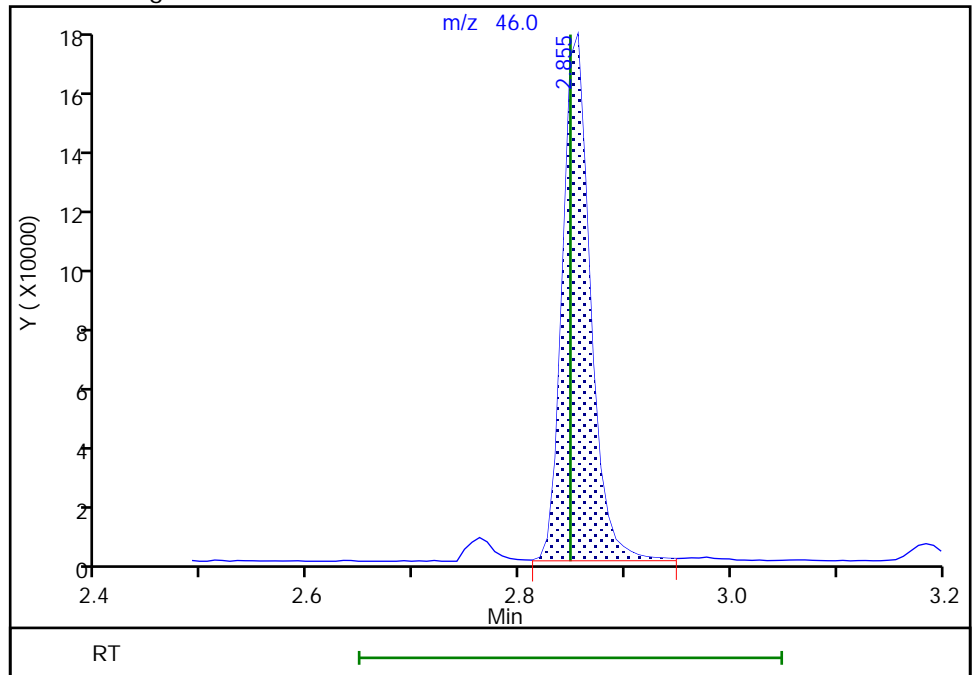
RT: 2.76
Area: 13694
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 319265
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Euofins TestAmerica, Edison

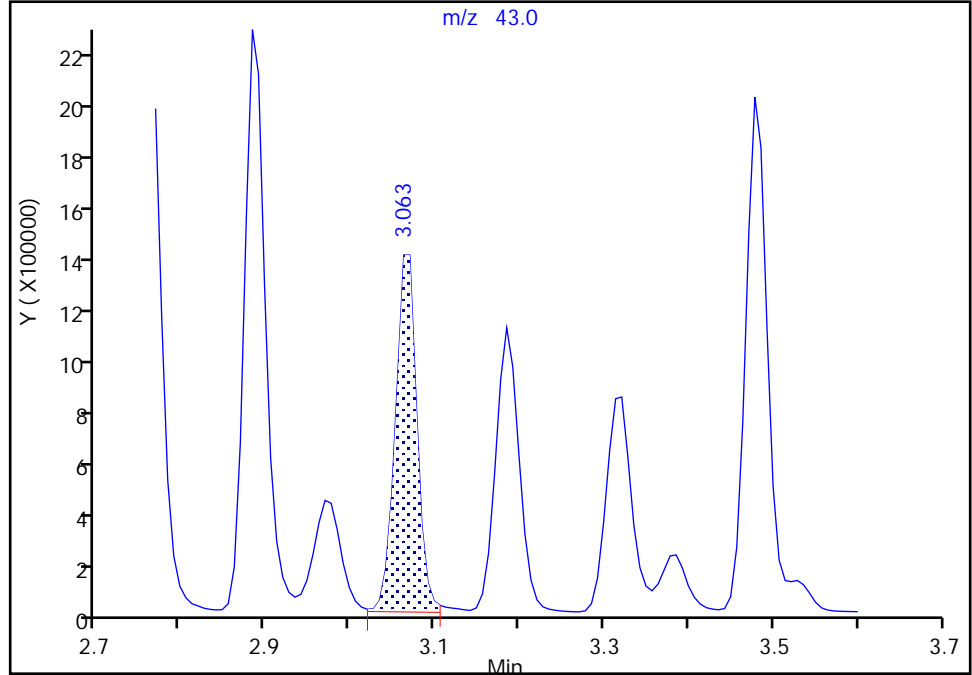
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

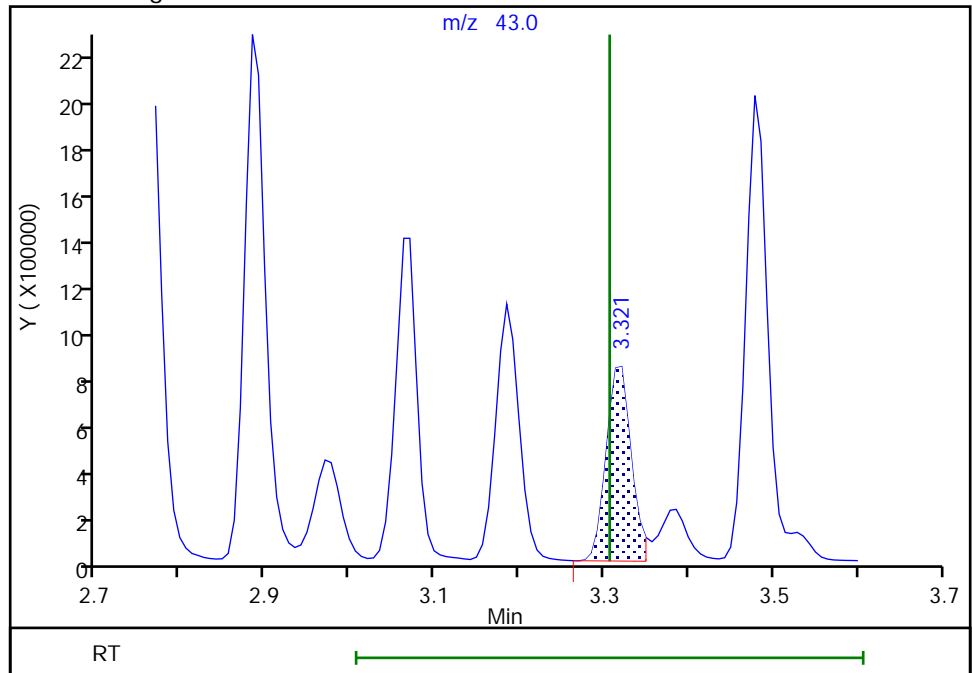
RT: 3.06
Area: 2424463
Amount: 12504
Amount Units: ug/l

Processing Integration Results



RT: 3.32
Area: 1699495
Amount: 14333
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:18:48
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-Jul-2020 12:29:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0112940-017
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: baronm

Date: 09-Jul-2020 11:52:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	88	929	1.00	1.06	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	96	5371	1.00	1.15	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	95	2252	1.00	1.32	
5 Chlorodifluoromethane	67	0.828	0.842	-0.014	95	818	1.00	1.27	
7 Vinyl chloride	62	0.900	0.900	0.000	61	5010	1.00	1.14	
6 Chloromethane	50	0.900	0.900	0.000	81	6529	1.00	1.11	
8 Butadiene	54	0.900	0.900	0.000	89	4129	1.00	1.05	
9 Bromomethane	94	1.043	1.043	0.000	94	2131	1.00	1.09	M
10 Chloroethane	64	1.100	1.100	0.000	99	3776	1.00	1.18	
11 Pentane	72	1.158	1.158	0.000	97	1362	2.00	2.35	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	62	5322	1.00	0.9495	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	97	6932	1.00	1.02	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	5397	1.00	0.9437	
15 Ethyl ether	59	1.308	1.308	0.000	94	2909	1.00	0.9470	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	3704	1.00	1.14	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	83	5676	1.00	1.14	
19 Carbon disulfide	76	1.415	1.415	0.000	100	13981	1.00	1.16	
16 Ethanol	46	1.415	1.415	0.000	29	990	40.0	64.7	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	84	3400	1.00	1.04	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	94	5919	1.00	1.14	a
22 Iodomethane	142	1.480	1.473	0.007	95	1384	1.00	0.3514	M
23 Cyclopentene	67	1.552	1.552	0.000	97	9490	1.00	1.05	
24 Acrolein	56	1.573	1.573	0.000	91	1108	4.00	3.97	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	86	2079	1.00	1.02	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	1499	10.0	10.3	
27 Methylene Chloride	84	1.702	1.702	0.000	95	4336	1.00	1.10	M
28 Acetone	43	1.723	1.731	-0.008	84	4719	5.00	6.59	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	4390	1.00	1.21	
30 Methyl acetate	43	1.795	1.795	0.000	90	3494	2.00	2.26	
31 Hexane	86	1.831	1.824	0.007	84	769	1.00	0.9183	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	8193	1.00	0.8984	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	99	190551	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	99	3519	10.0	16.3	
35 Acetonitrile	41	2.003	1.989	0.014	99	2994	10.0	10.4	
36 Isopropyl ether	45	2.067	2.067	0.000	94	8891	1.00	0.9165	
37 2-Chloro-1,3-butadiene	88	2.125	2.117	0.008	92	3087	1.00	1.11	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	5874	1.00	1.04	
39 Acrylonitrile	53	2.168	2.168	0.000	96	8156	10.0	8.86	
40 Tert-butyl ethyl ether	59	2.296	2.289	0.007	91	7625	1.00	0.8571	
41 Vinyl acetate	43	2.311	2.297	0.014	100	9911	2.00	1.70	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	95	3795	1.00	1.15	
43 2,2-Dichloropropane	77	2.533	2.540	-0.007	89	4261	1.00	1.09	
44 Cyclohexane	56	2.604	2.597	0.007	94	5160	1.00	1.03	
45 Chlorobromomethane	128	2.612	2.605	0.007	86	1717	1.00	1.13	
46 Chloroform	83	2.662	2.662	0.000	97	5661	1.00	1.06	
47 Carbon tetrachloride	117	2.748	2.748	0.000	90	3308	1.00	0.99	
49 Methyl acrylate	55	2.769	2.762	0.007	47	1541	1.00	0.7504	
48 Ethyl acetate	70	2.762	2.762	0.000	95	556	2.00	2.24	
50 Tetrahydrofuran	42	2.776	2.769	0.007	43	1900	2.00	2.25	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	135665	50.0	50.4	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	36	4314	1.00	1.00	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	201418	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	79	1361	5.00	5.12	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	92	5085	1.00	1.17	a
56 Isooctane	57	2.970	2.970	0.000	93	8016	1.00	1.09	
58 Benzene	78	3.070	3.063	0.007	96	12345	1.00	1.01	
57 n-Heptane	57	3.063	3.063	0.000	55	2146	1.00	1.16	
59 Propionitrile	54	3.092	3.092	0.000	60	3256	10.0	10.7	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	7625	10.0	7.26	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	151167	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	38	6166	1.00	0.8303	a
63 1,2-Dichloroethane	62	3.228	3.228	0.000	93	4444	1.00	1.11	
64 Isobutyl alcohol	43	3.314	3.307	0.007	91	1704	25.0	24.1	
65 t-Amyl alcohol	59	3.378	3.371	0.007	79	1165	10.0	10.0	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	576399	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	90	3434	1.00	0.7546	
68 Methylcyclohexane	83	3.529	3.521	0.007	93	4459	1.00	0.9484	
69 Trichloroethene	130	3.550	3.550	0.000	89	2932	1.00	0.9519	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	91	5970	1.00	0.9133	
71 Dibromomethane	93	3.922	3.908	0.014	93	1686	1.00	0.9699	
72 n-Butanol	56	3.973	3.930	0.043	34	310	25.0	6.61	a
73 1,2-Dichloropropane	63	4.001	3.994	0.007	86	2817	1.00	0.9236	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	3577	1.00	0.9418	
74 Ethyl acrylate	55	4.137	4.080	0.057	33	1869	1.00	1.03	Ma
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19891	1000.0	1000.0	
77 Methyl methacrylate	100	4.288	4.274	0.014	77	836	2.00	1.41	
78 1,4-Dioxane	88	4.288	4.281	0.007	62	1410	50.0	53.3	
79 n-Propyl acetate	43	4.460	4.431	0.029	71	1692	1.00	1.02	
81 cis-1,3-Dichloropropene	75	4.725	4.710	0.015	96	3495	1.00	0.8242	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	490691	50.0	50.2	
83 Toluene	91	4.954	4.954	0.000	93	13219	1.00	1.05	
84 Epichlorohydrin	57	5.018	4.983	0.035	6	1420	20.0	13.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.205	5.205	0.000	42	1025	2.00	1.91	a
86 Tetrachloroethene	166	5.377	5.369	0.008	93	3072	1.00	1.05	
87 4-Methyl-2-pentanone (MIBK)	43	5.441	5.420	0.021	96	6594	5.00	3.76	
88 trans-1,3-Dichloropropene	75	5.513	5.455	0.058	42	2605	1.00	0.6941	
89 1,1,2-Trichloroethane	83	5.642	5.620	0.022	93	1761	1.00	0.8840	
90 Ethyl methacrylate	69	5.763	5.713	0.050	58	1361	1.00	1.01	a
91 Chlorodibromomethane	129	5.828	5.814	0.014	95	1733	1.00	0.7205	
92 1,3-Dichloropropane	76	5.942	5.928	0.014	89	3592	1.00	0.8825	
93 Ethylene Dibromide	107	6.086	6.057	0.029	85	1462	1.00	0.6673	
94 n-Butyl acetate	43	6.437	6.415	0.022	97	1729	1.00	1.01	
95 2-Hexanone	43	6.501	6.473	0.028	93	3471	5.00	2.67	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	403156	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	8646	1.00	1.10	
98 Ethylbenzene	106	6.859	6.845	0.014	98	4334	1.00	0.99	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	86	1938	1.00	0.7915	
100 m-Xylene & p-Xylene	106	7.096	7.060	0.036	0	5336	1.00	1.02	M
101 o-Xylene	106	7.662	7.640	0.022	97	4286	1.00	0.8802	
102 Bromoform	173	7.740	7.705	0.035	87	975	1.00	1.02	
103 Styrene	104	7.805	7.733	0.072	95	5915	1.00	0.7453	
104 n-Butyl acrylate	73	8.113	8.070	0.043	35	517	1.00	1.02	
105 Isopropylbenzene	105	8.142	8.127	0.015	96	12607	1.00	0.9591	
106 Amyl acetate (mixed isomers)	43	8.535	8.478	0.057	37	1936	1.00	1.01	a
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	95	156314	50.0	48.5	
108 Bromobenzene	156	8.607	8.600	0.007	96	3510	1.00	1.03	M
109 N-Propylbenzene	91	8.772	8.758	0.014	99	14847	1.00	0.9328	
110 1,1,2,2-Tetrachloroethane	83	8.922	8.908	0.014	56	2305	1.00	0.8287	
111 2-Chlorotoluene	91	8.944	8.922	0.022	97	10943	1.00	0.9832	
112 4-Ethyltoluene	105	8.965	8.944	0.021	97	12213	1.00	0.9212	
113 1,2,3-Trichloropropane	110	9.058	9.037	0.021	87	670	1.00	0.8560	
114 1,3,5-Trimethylbenzene	105	9.109	9.101	0.007	92	11009	1.00	1.00	
115 trans-1,4-Dichloro-2-butene	53	9.144	9.173	-0.029	1	189	1.00	0.2578	a
116 4-Chlorotoluene	91	9.223	9.187	0.036	96	9635	1.00	0.9707	M
117 tert-Butylbenzene	119	9.567	9.560	0.007	91	9021	1.00	0.9850	
118 1,2,4-Trimethylbenzene	105	9.710	9.696	0.014	98	9818	1.00	0.8756	
119 Butyl Methacrylate	87	9.732	9.710	0.022	94	1680	1.00	1.02	
120 sec-Butylbenzene	105	9.861	9.854	0.007	99	14758	1.00	1.03	
121 1,3-Dichlorobenzene	146	10.133	10.111	0.022	79	6339	1.00	0.9816	
122 4-Isopropyltoluene	119	10.140	10.133	0.007	95	10693	1.00	0.9163	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	222551	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	64	8470	1.00	1.20	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	10802	1.00	0.9181	
126 2,3-Dihydroindene	117	10.563	10.541	0.022	94	11104	1.00	0.9489	
127 Benzyl chloride	126	10.756	10.727	0.029	69	321	1.00	1.02	
128 p-Diethylbenzene	119	10.763	10.742	0.021	91	5328	1.00	0.8958	
129 n-Butylbenzene	91	10.842	10.828	0.014	96	10404	1.00	0.9369	
130 1,2-Dichlorobenzene	146	10.949	10.928	0.021	94	6656	1.00	1.03	M
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	9830	1.00	0.9047	
132 1,2-Dibromo-3-Chloropropane	157	12.095	12.081	0.014	1	374	1.00	0.7292	a
133 1,3,5-Trichlorobenzene	180	12.160	12.131	0.029	95	5503	1.00	1.11	
134 1,2,4-Trichlorobenzene	180	12.862	12.826	0.036	77	4086	1.00	0.9454	
135 Hexachlorobutadiene	225	12.848	12.848	0.000	90	1825	1.00	1.14	
136 Naphthalene	128	13.163	13.127	0.036	99	6863	1.00	0.7866	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.320	13.306	0.014	93	4447	1.00	1.10	
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.36	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.52	
S 140 Xylenes, Total	100				0		2.00	1.90	
S 142 Total BTEX	1				0		5.00	4.95	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
GASES Li_00376	Amount Added: 10.00	Units: uL	
524freon_00024	Amount Added: 10.00	Units: uL	
14DIOXINTER_00116	Amount Added: 30.00	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\CVOAMS13\20200709-112940.b\P76766.D

Injection Date: 09-Jul-2020 12:29:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

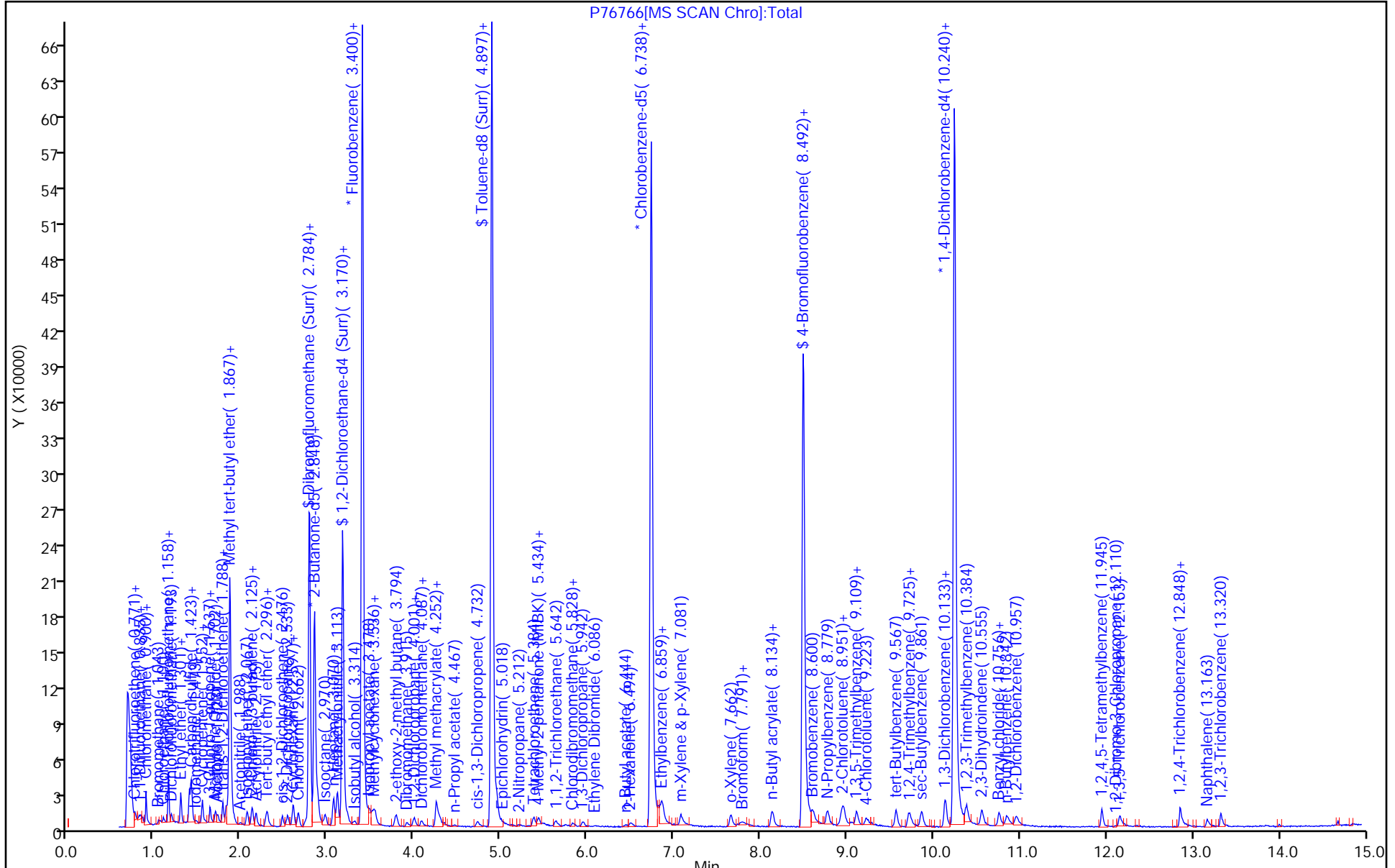
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

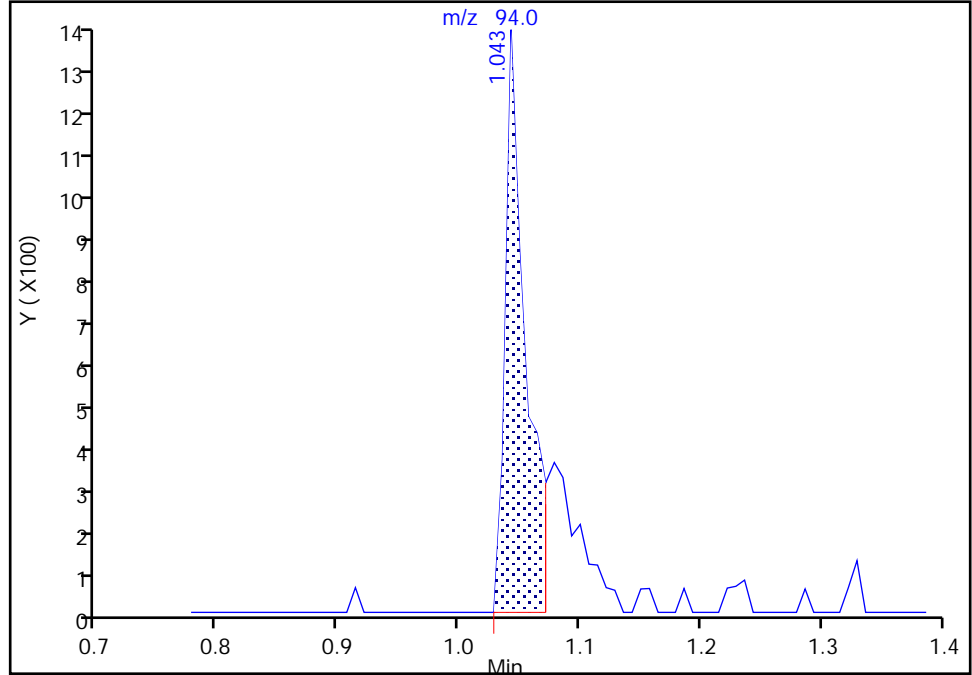
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

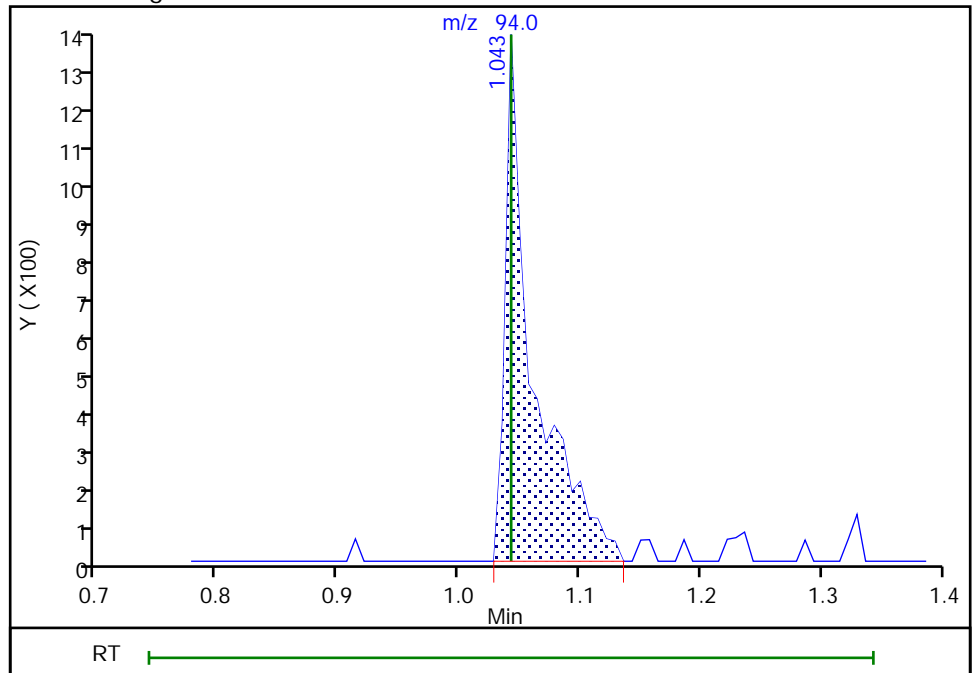
RT: 1.04
Area: 1556
Amount: 1.017466
Amount Units: ug/l

Processing Integration Results



RT: 1.04
Area: 2131
Amount: 1.088767
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:47:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

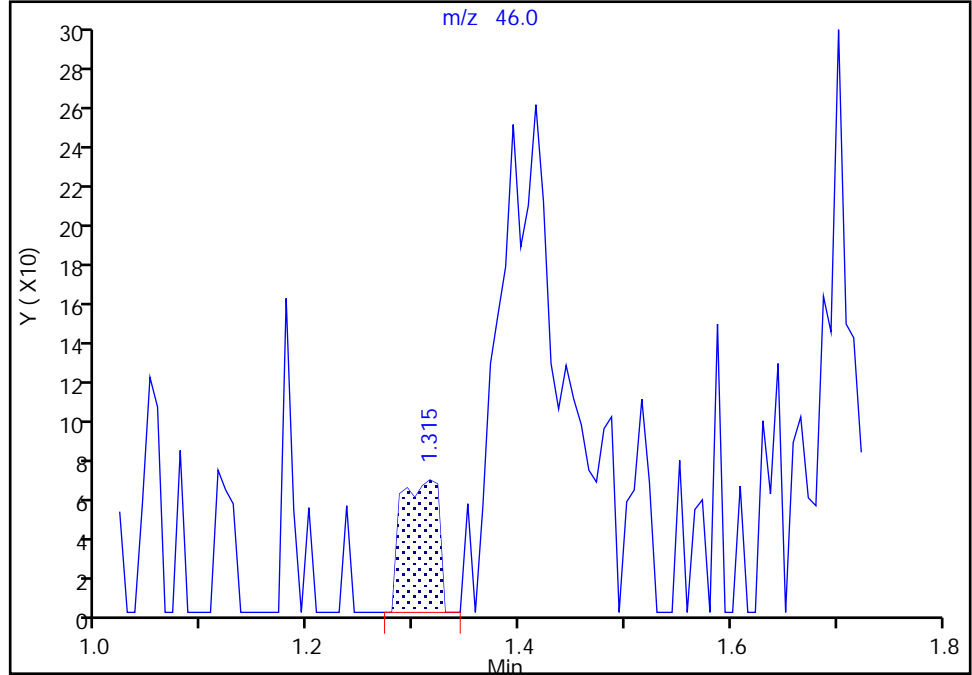
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

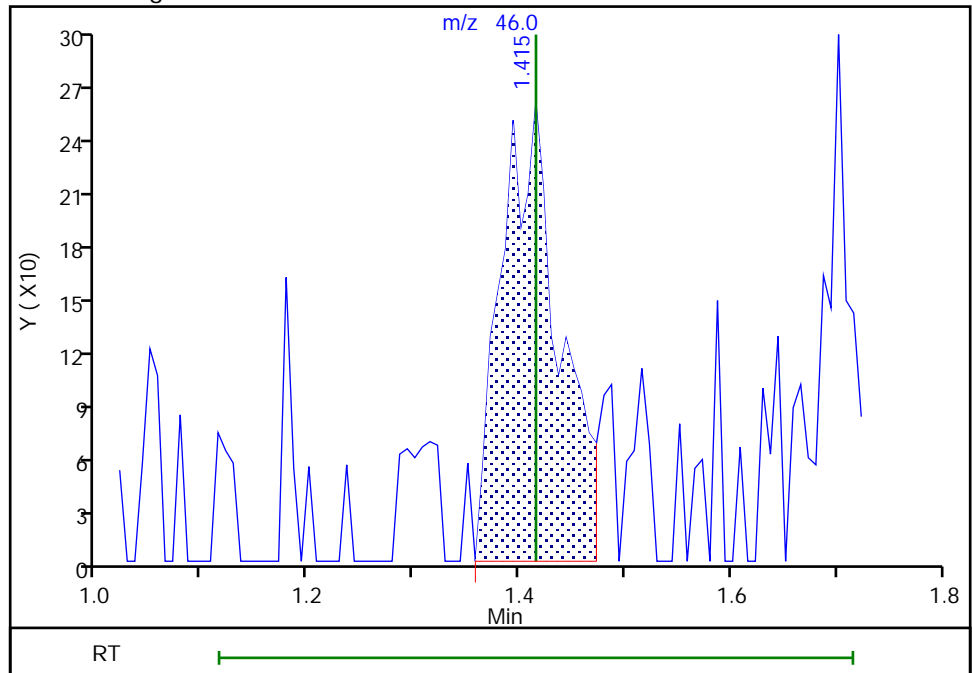
RT: 1.32
Area: 162
Amount: 10.586074
Amount Units: ug/l

Processing Integration Results



RT: 1.42
Area: 990
Amount: 64.693927
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:47:40
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

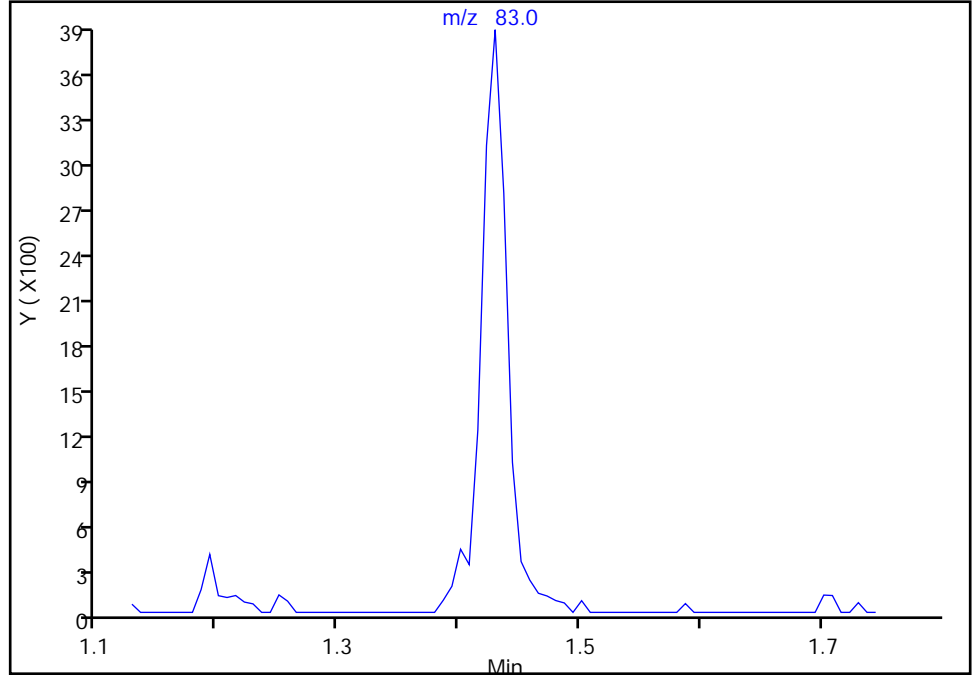
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

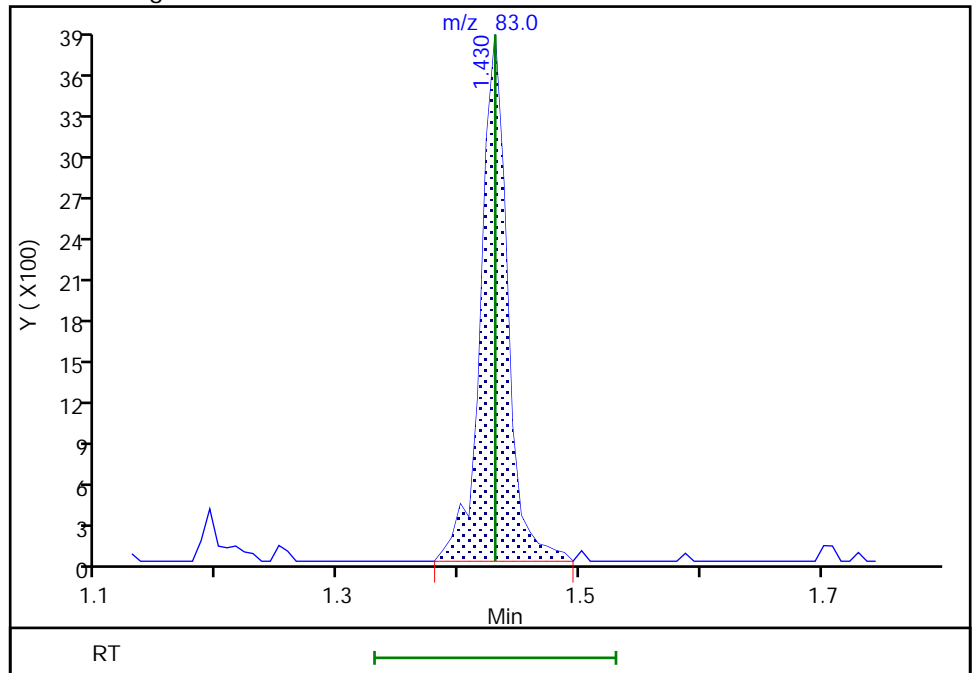
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 5919
Amount: 1.144958
Amount Units: ug/l



Eurofins TestAmerica, Edison

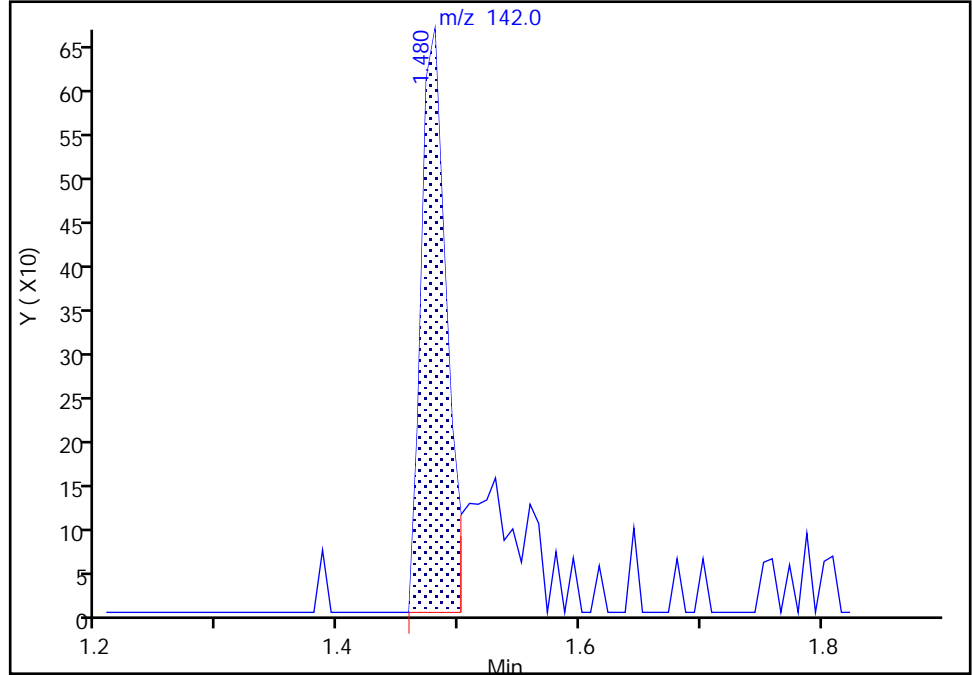
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

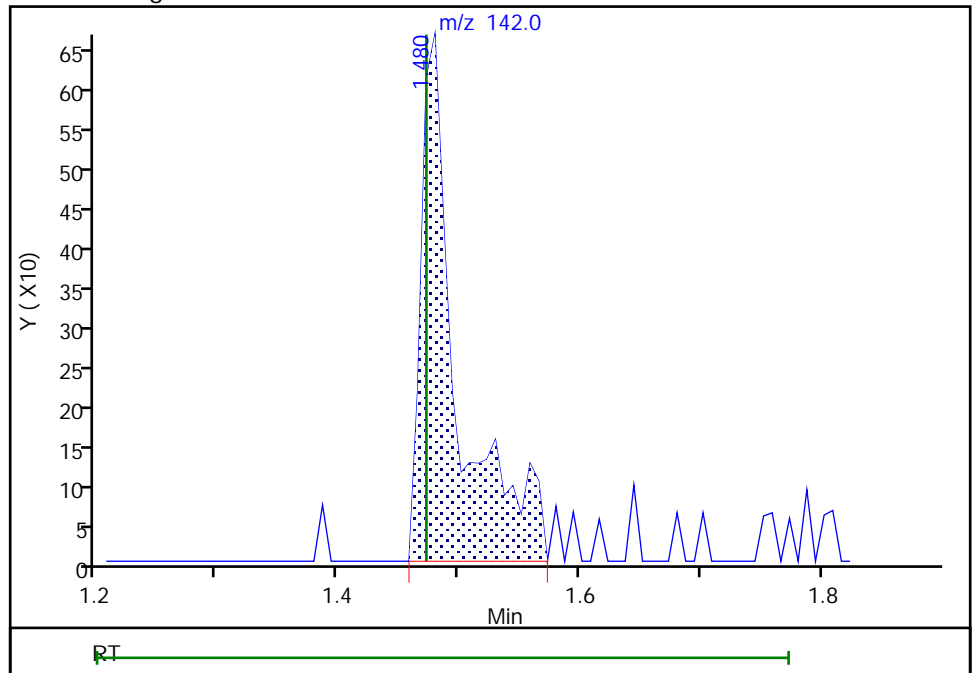
RT: 1.48
Area: 960
Amount: 0.243479
Amount Units: ug/l

Processing Integration Results



RT: 1.48
Area: 1384
Amount: 0.351363
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:47:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

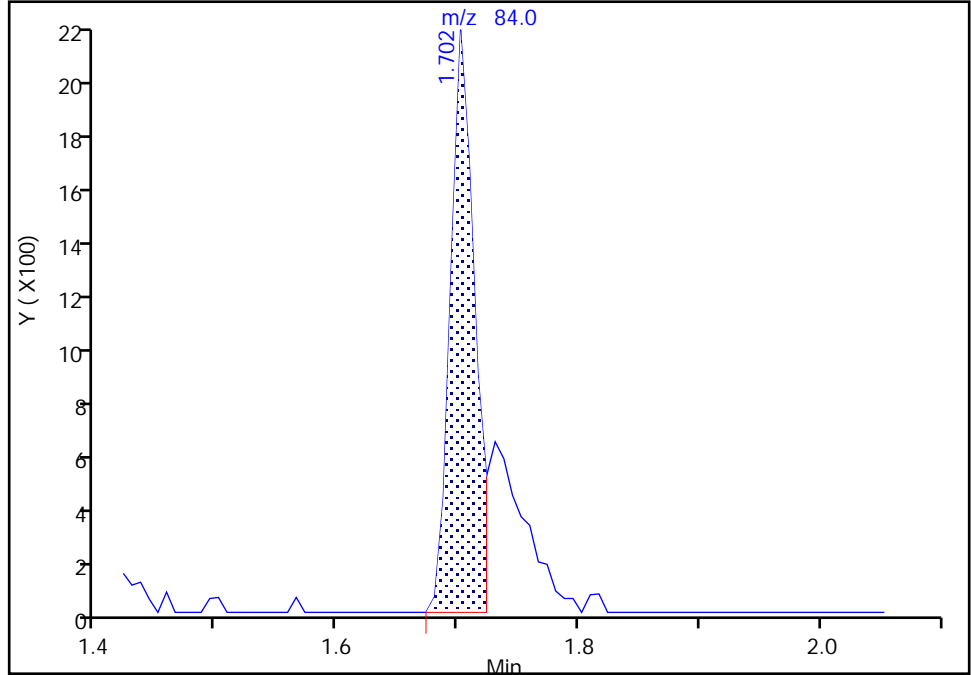
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

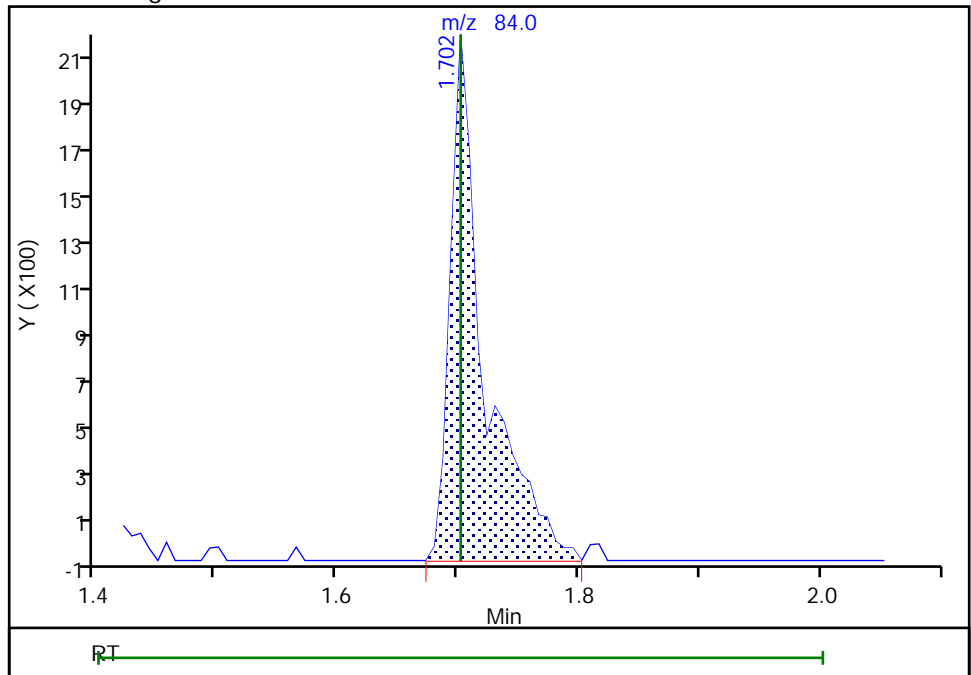
RT: 1.70
Area: 3070
Amount: 0.840947
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 4336
Amount: 1.097584
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

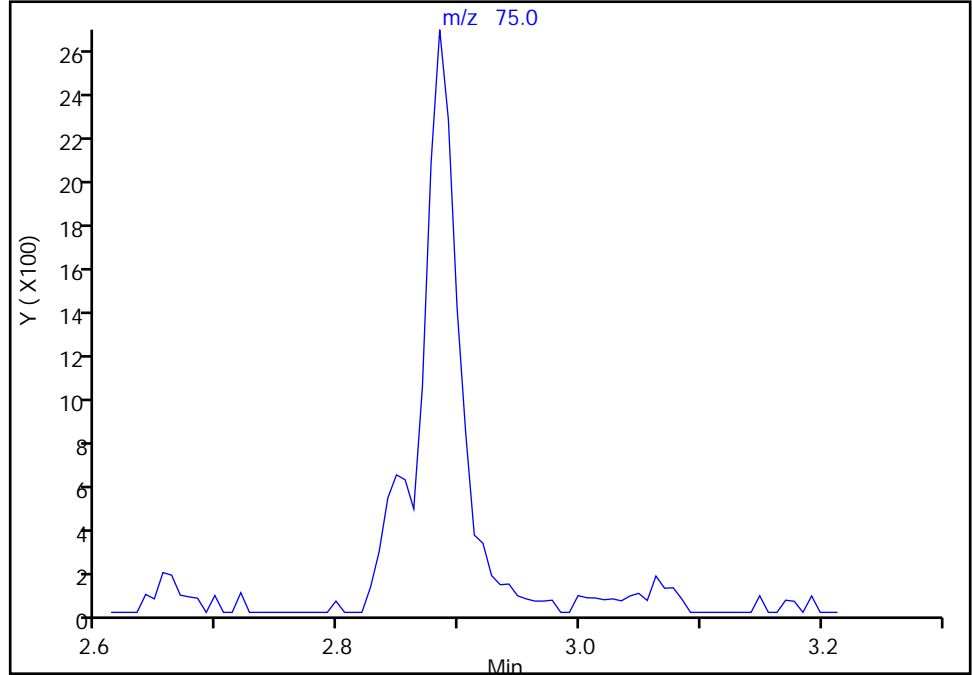
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

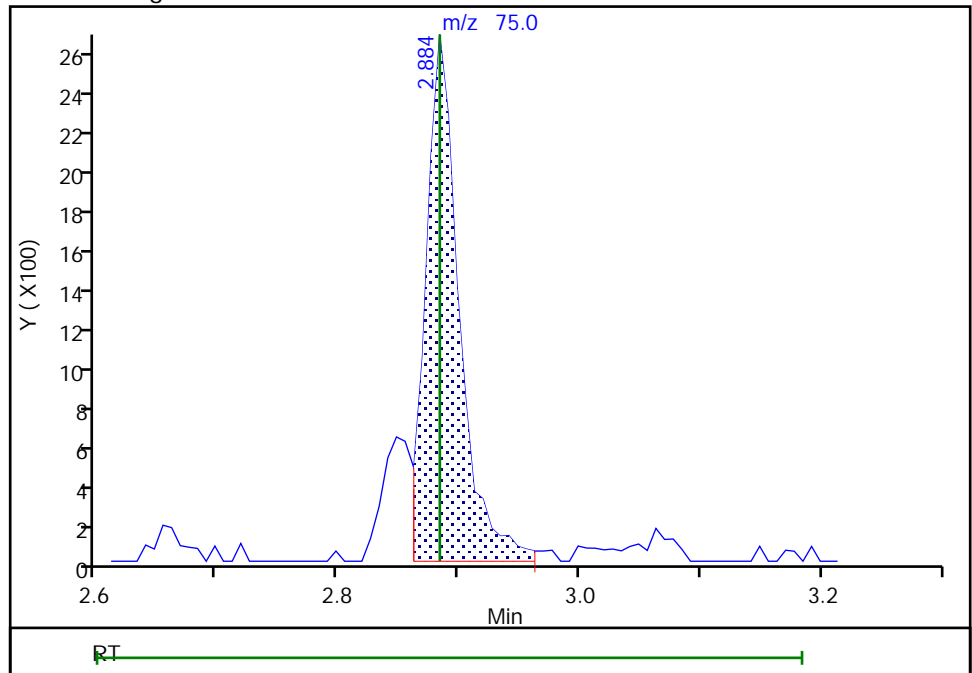
Not Detected
Expected RT: 2.88

Processing Integration Results



Manual Integration Results

RT: 2.88
Area: 5085
Amount: 1.170648
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:48:39
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

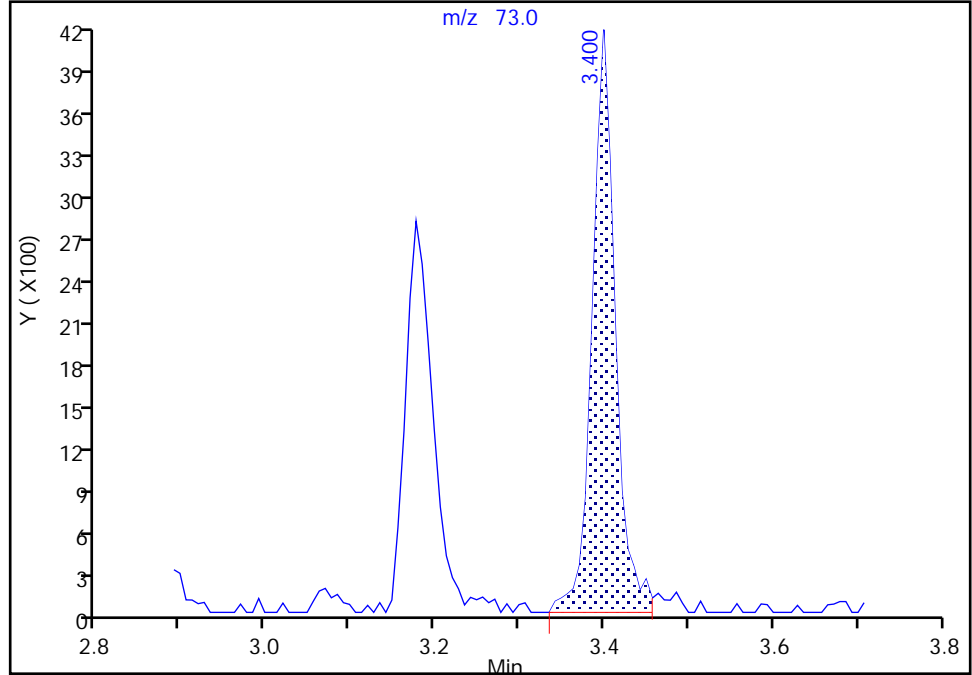
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

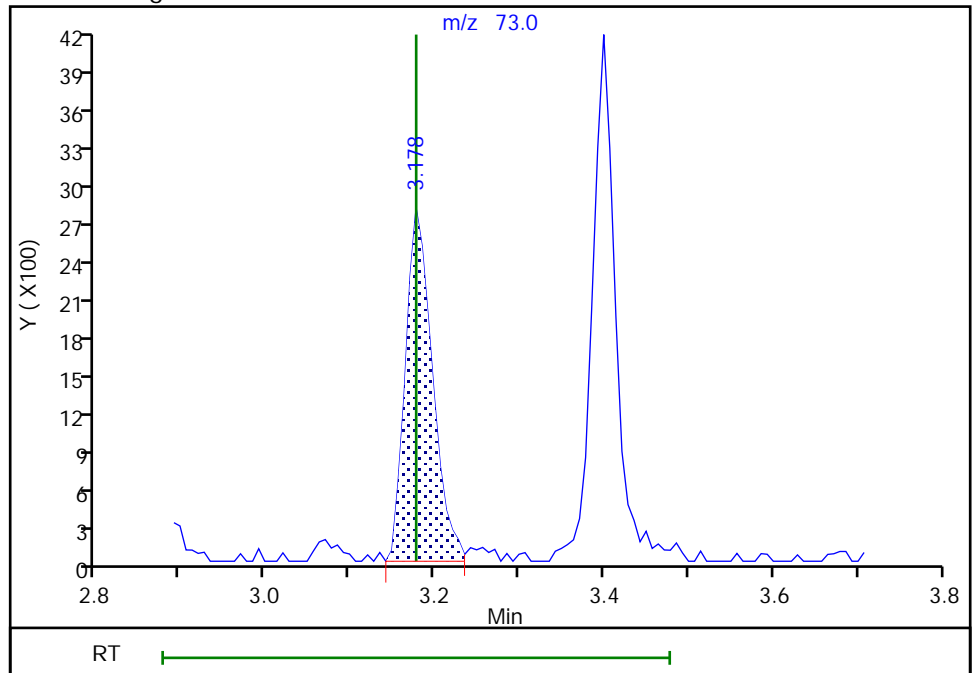
RT: 3.40
Area: 7886
Amount: 1.001220
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 6166
Amount: 0.830314
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

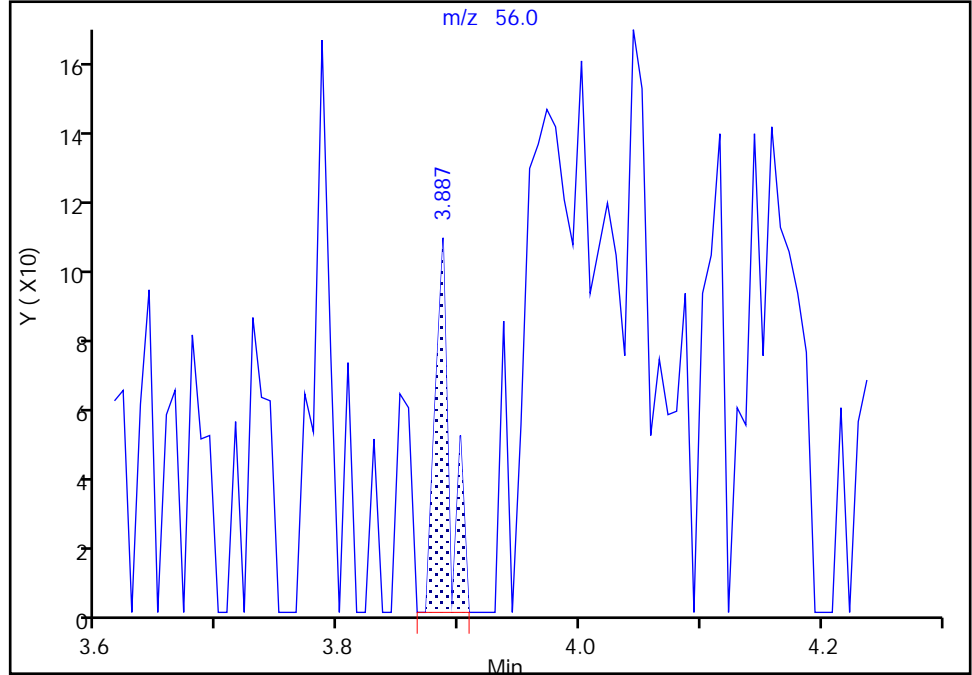
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

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

Signal: 1

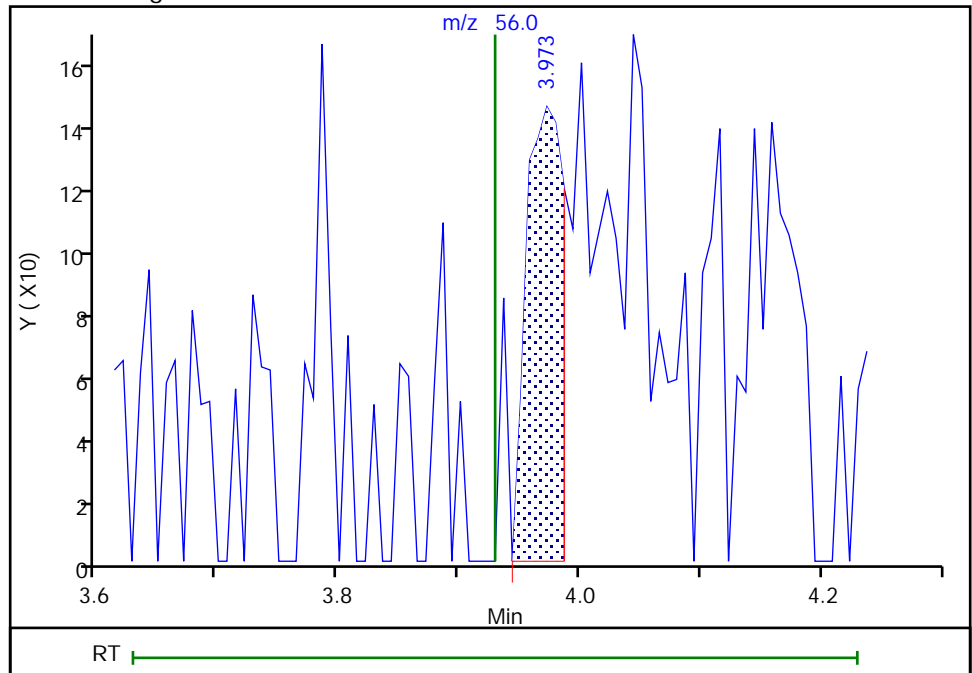
RT: 3.89
Area: 93
Amount: 1.981292
Amount Units: ug/l

Processing Integration Results



RT: 3.97
Area: 310
Amount: 6.607311
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:49:10
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

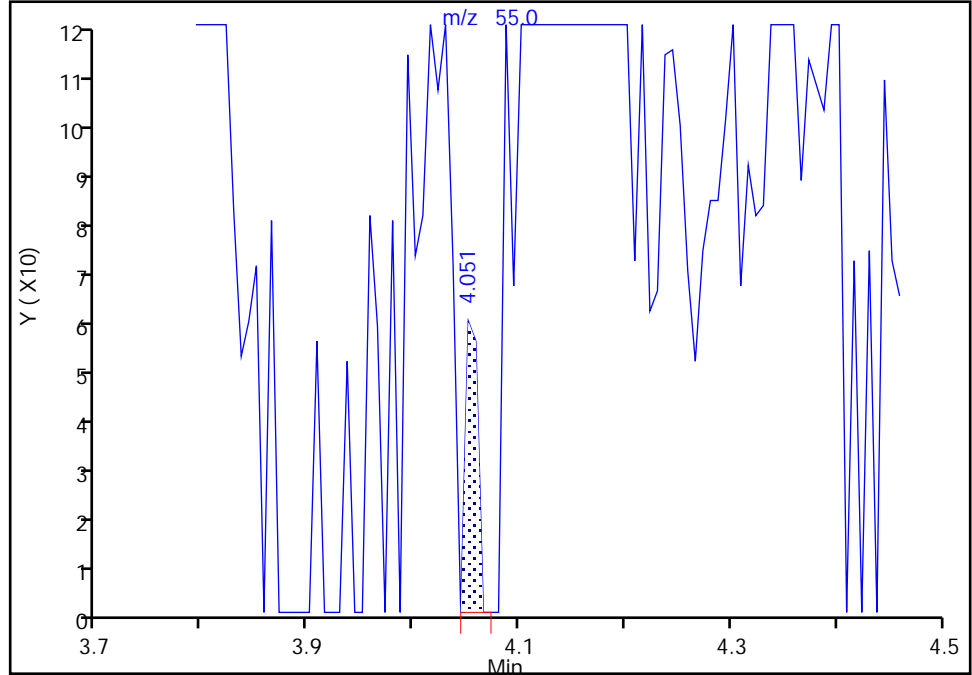
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Signal: 1

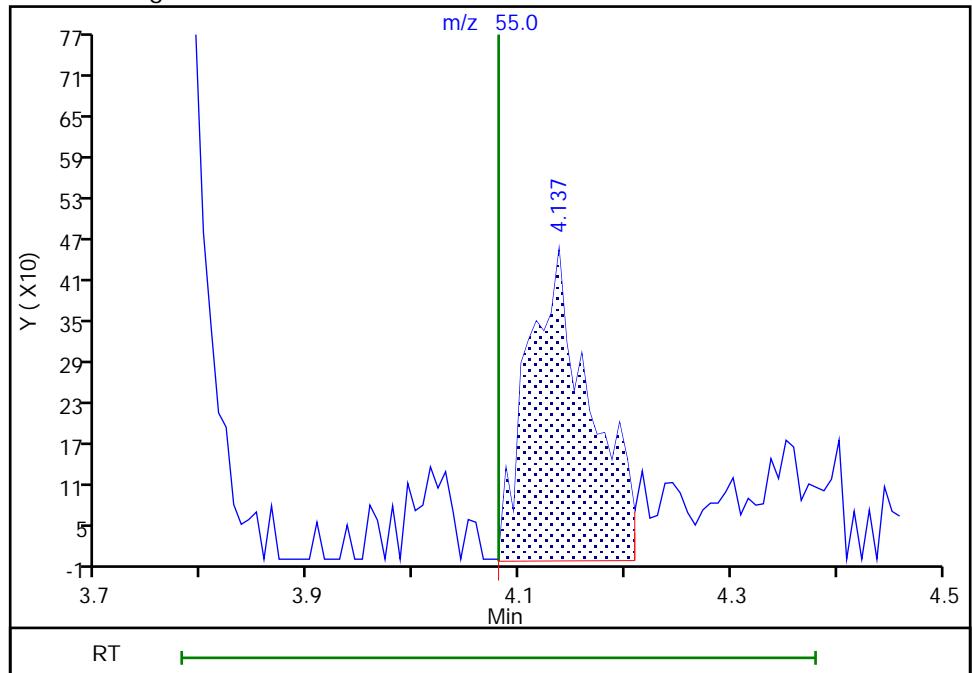
RT: 4.05
Area: 48
Amount: 0.015938
Amount Units: ug/l

Processing Integration Results



RT: 4.14
Area: 1869
Amount: 1.034622
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:49:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D

Injection Date: 09-Jul-2020 12:29:30

Instrument ID: CVOAMS13

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

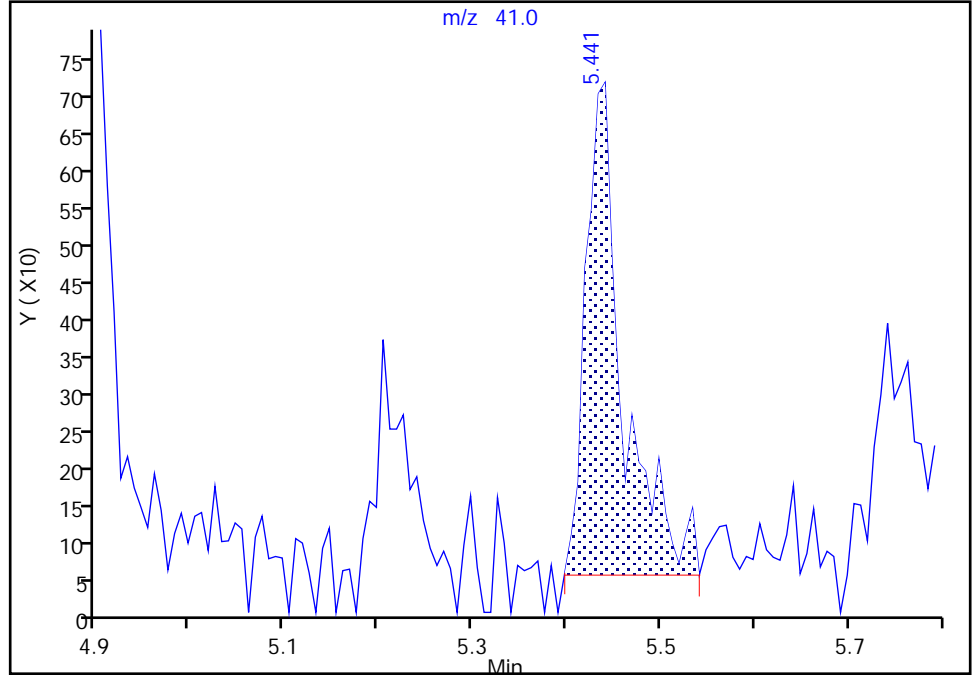
Detector: MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

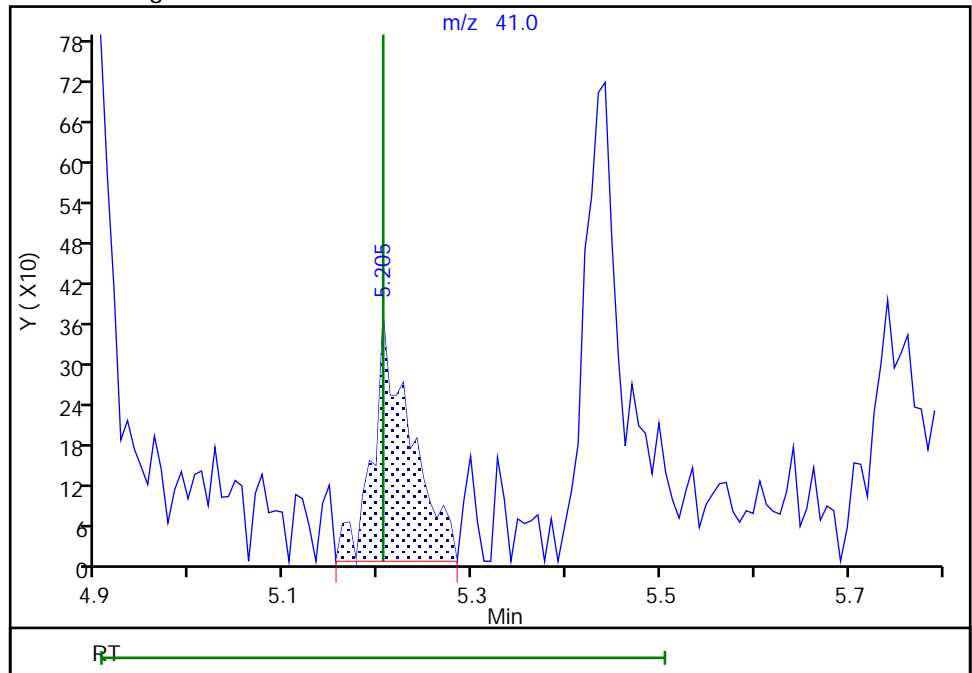
RT: 5.44
Area: 1810
Amount: 3.253204
Amount Units: ug/l

Processing Integration Results



RT: 5.20
Area: 1025
Amount: 1.910466
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:14
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

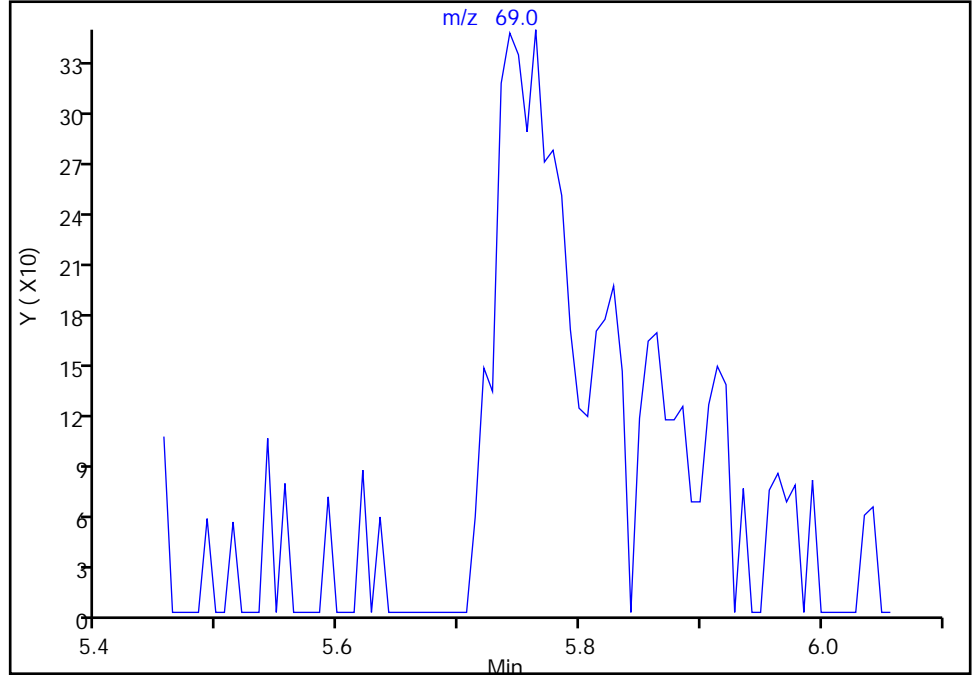
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

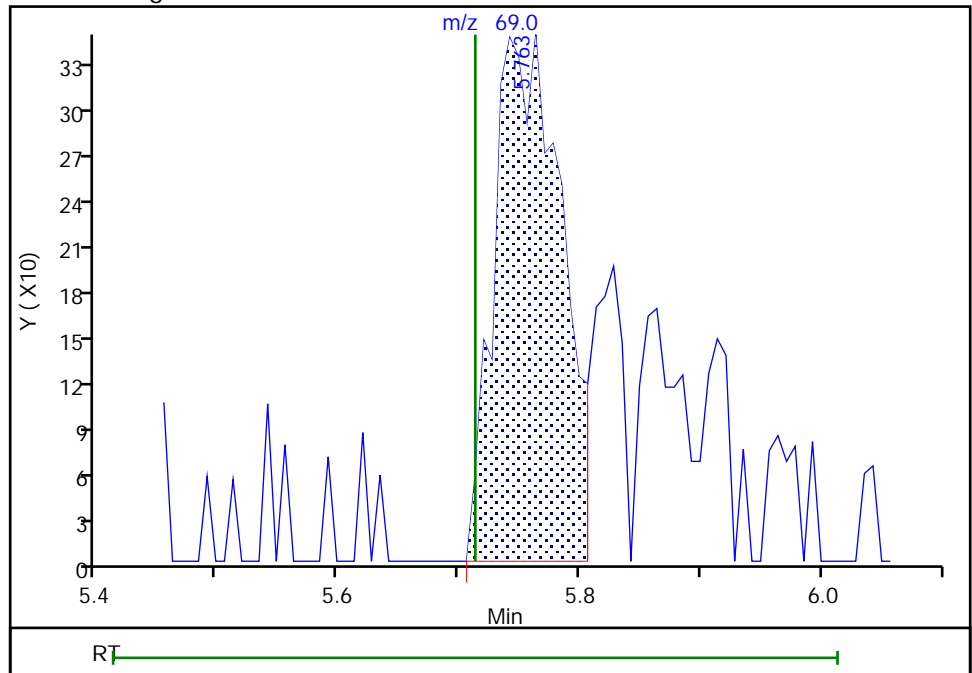
Not Detected
Expected RT: 5.71

Processing Integration Results



Manual Integration Results

RT: 5.76
Area: 1361
Amount: 1.009963
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:23
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

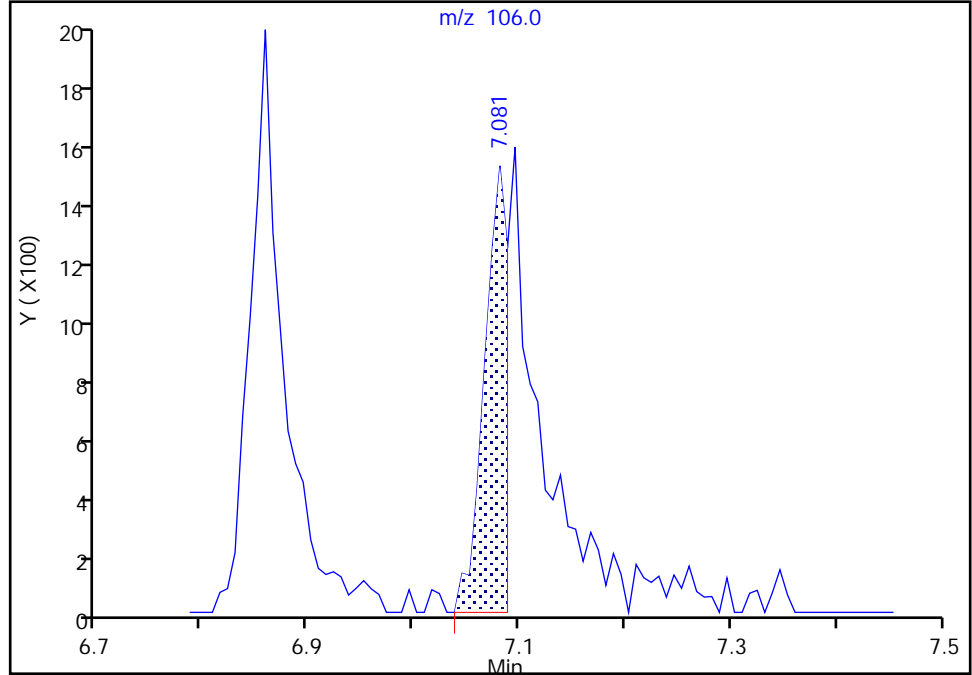
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

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

Signal: 1

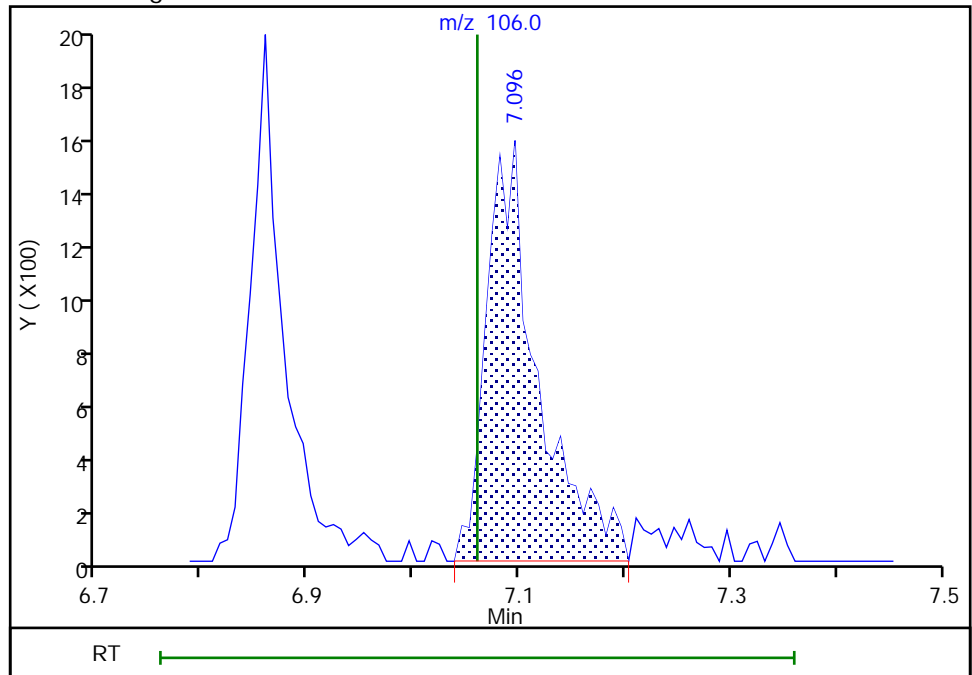
RT: 7.08
Area: 2380
Amount: 0.448382
Amount Units: ug/l

Processing Integration Results



RT: 7.10
Area: 5336
Amount: 1.020741
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

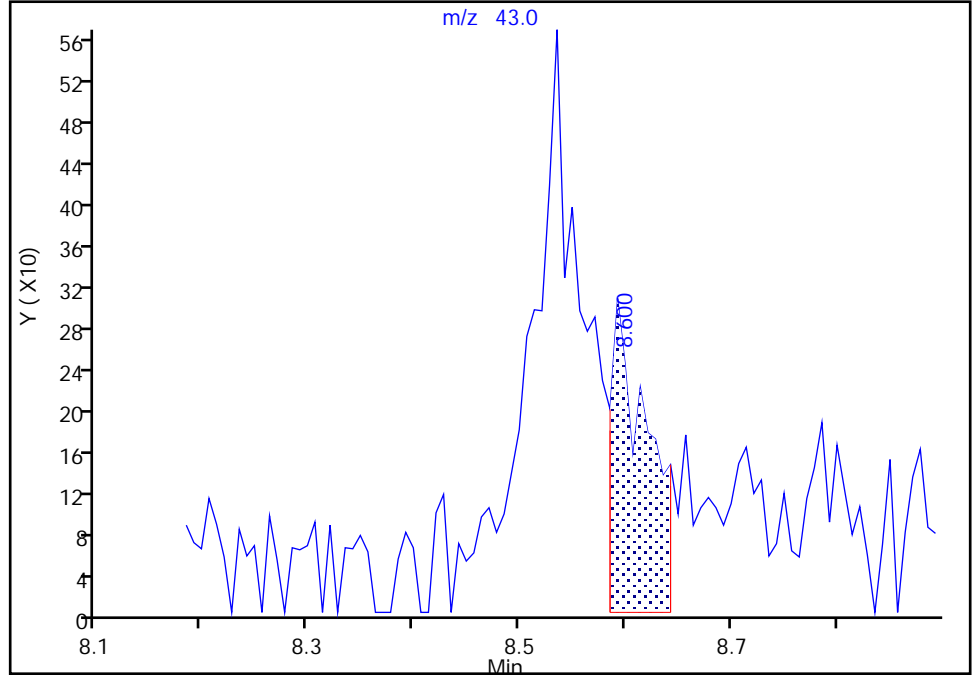
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

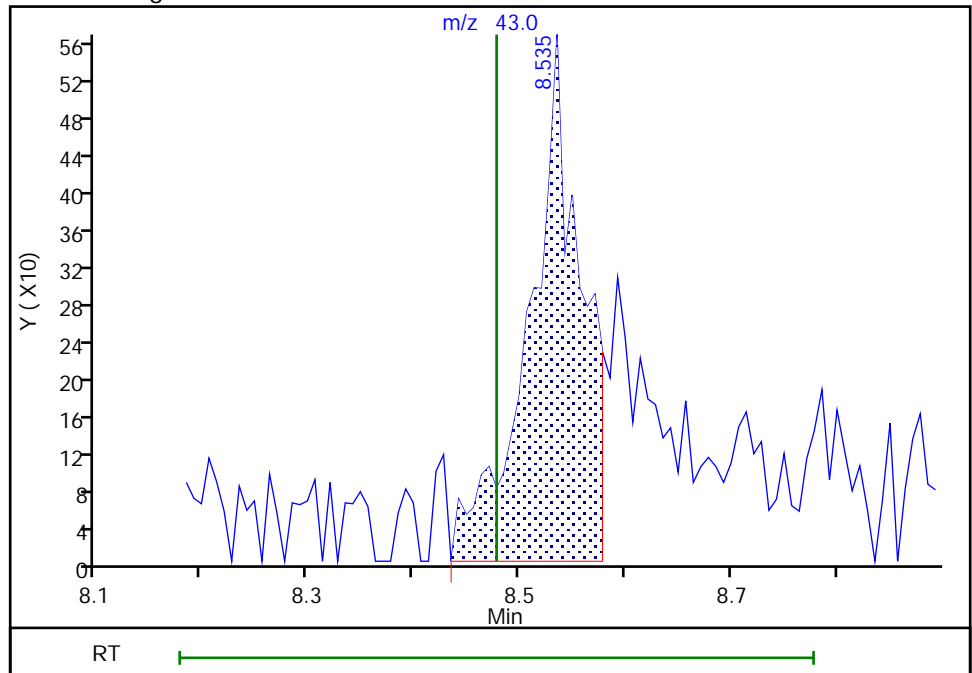
RT: 8.60
Area: 746
Amount: 0.184237
Amount Units: ug/l

Processing Integration Results



RT: 8.54
Area: 1936
Amount: 1.010536
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:59
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

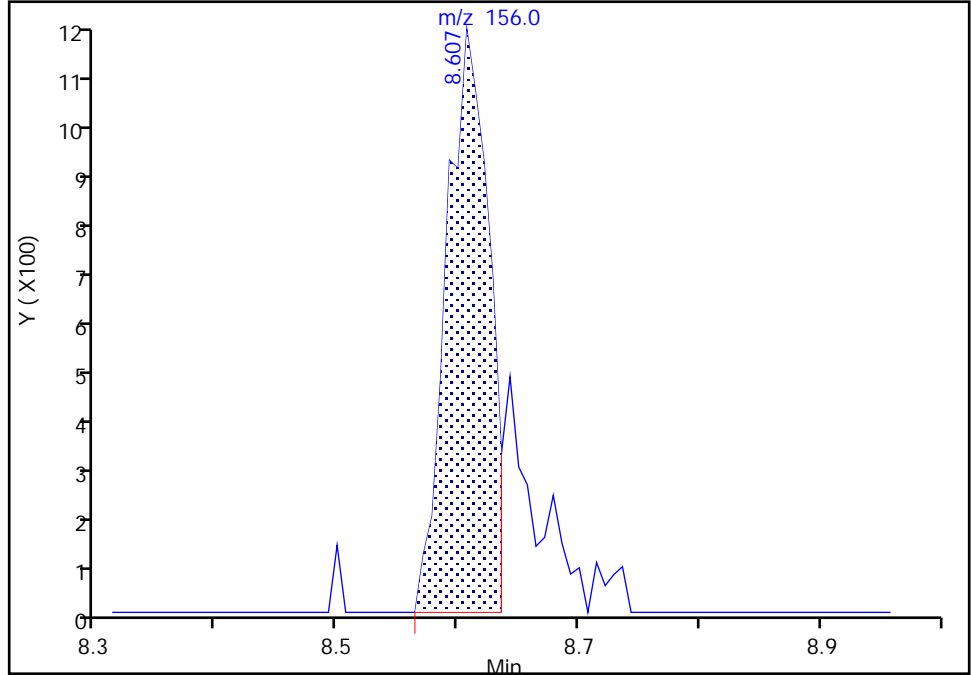
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

108 Bromobenzene, CAS: 108-86-1

Signal: 1

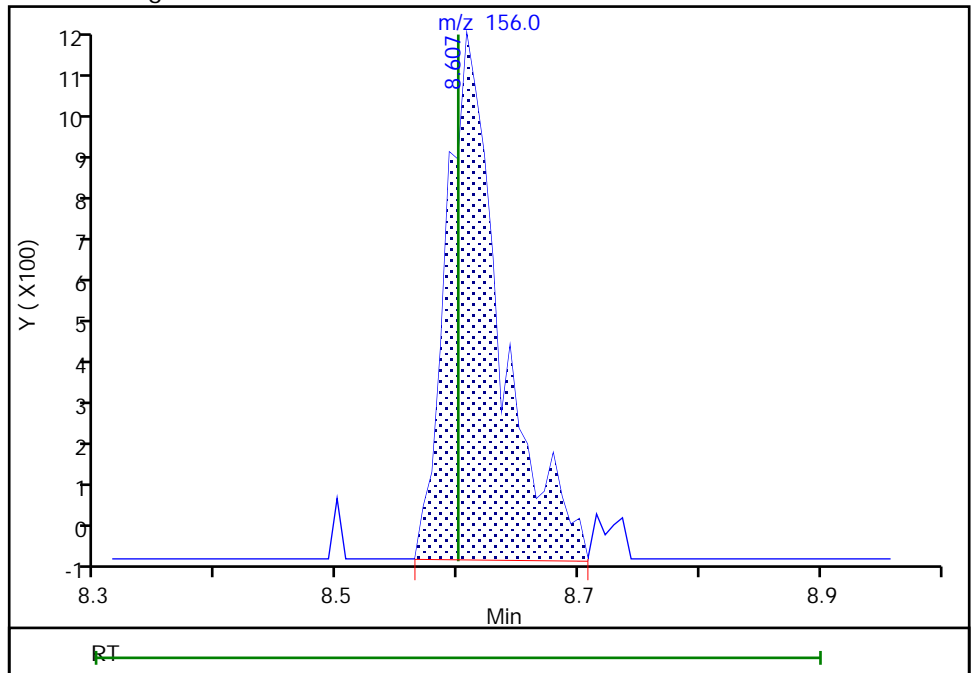
RT: 8.61
Area: 2730
Amount: 0.842594
Amount Units: ug/l

Processing Integration Results



RT: 8.61
Area: 3510
Amount: 1.030610
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

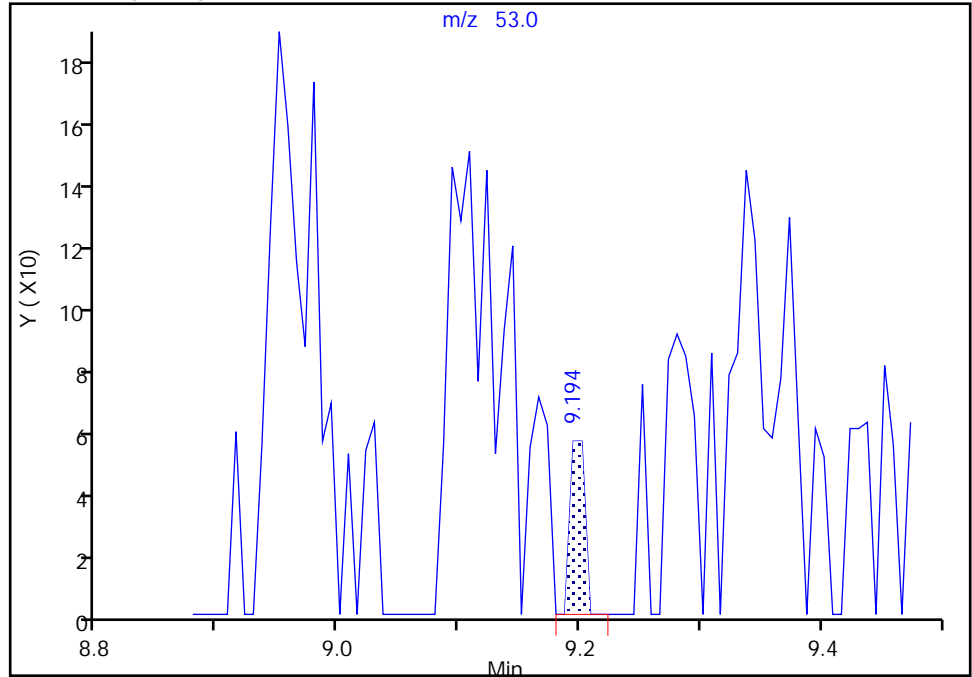
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

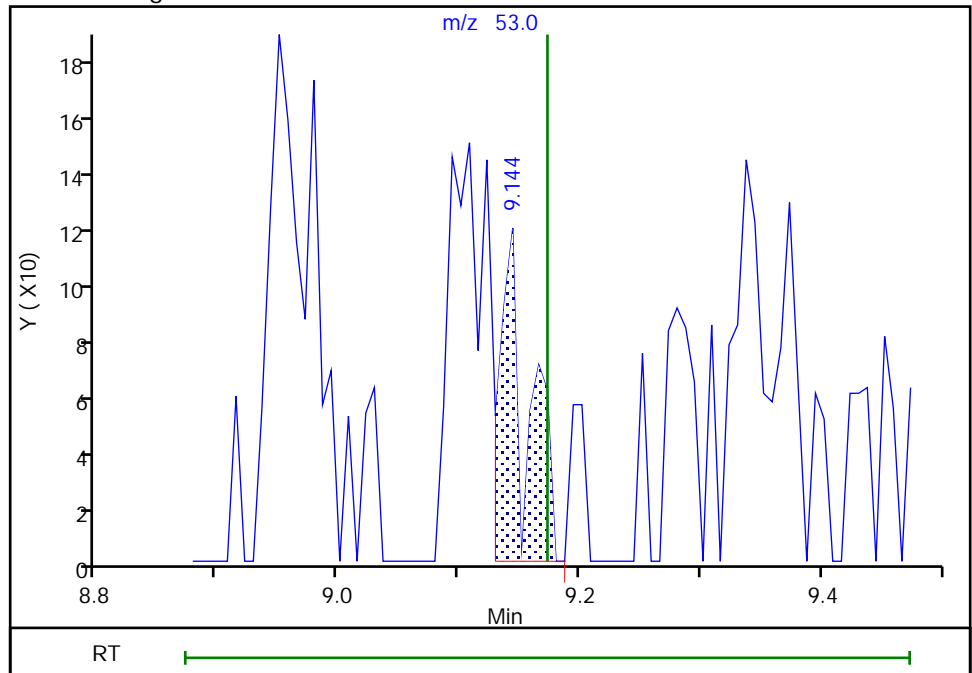
RT: 9.19
Area: 47
Amount: 0.064060
Amount Units: ug/l

Processing Integration Results



RT: 9.14
Area: 189
Amount: 0.257777
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

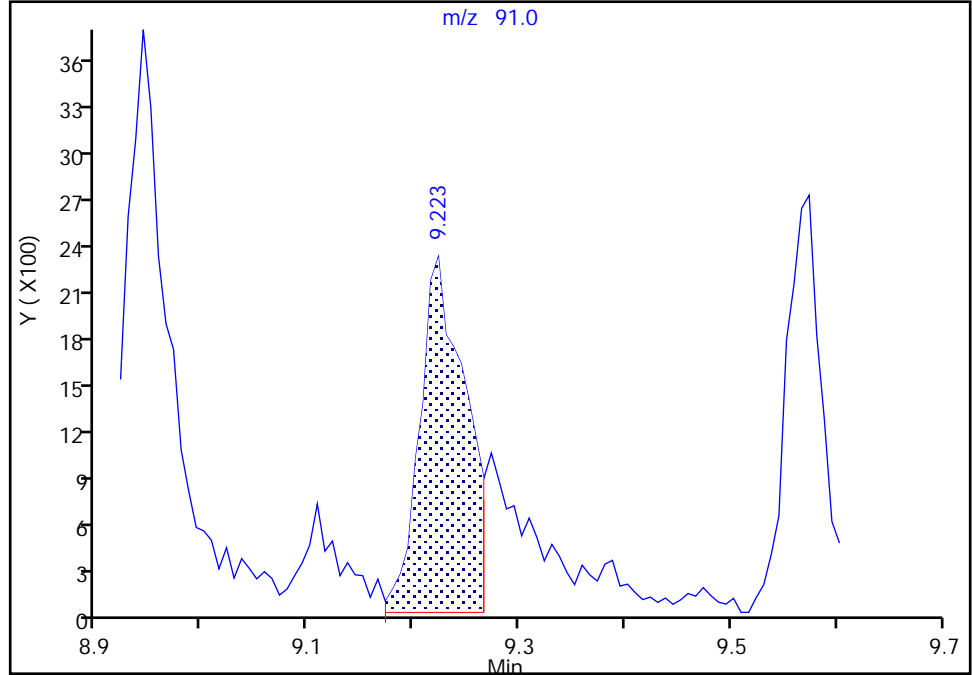
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

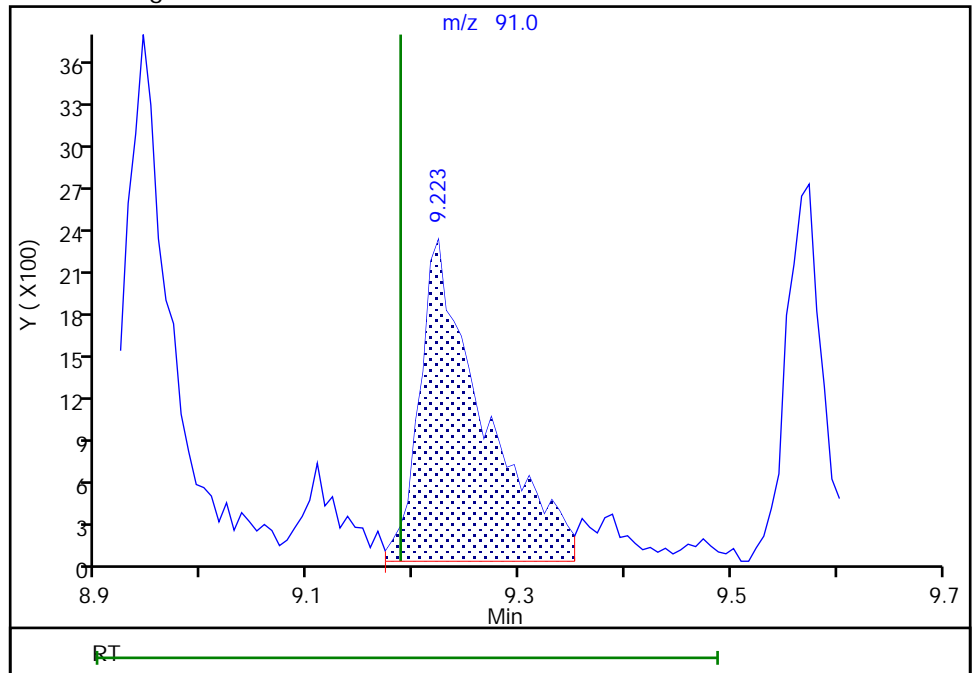
RT: 9.22
Area: 6902
Amount: 0.727495
Amount Units: ug/l

Processing Integration Results



RT: 9.22
Area: 9635
Amount: 0.970685
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 263 of 426

Eurofins TestAmerica, Edison

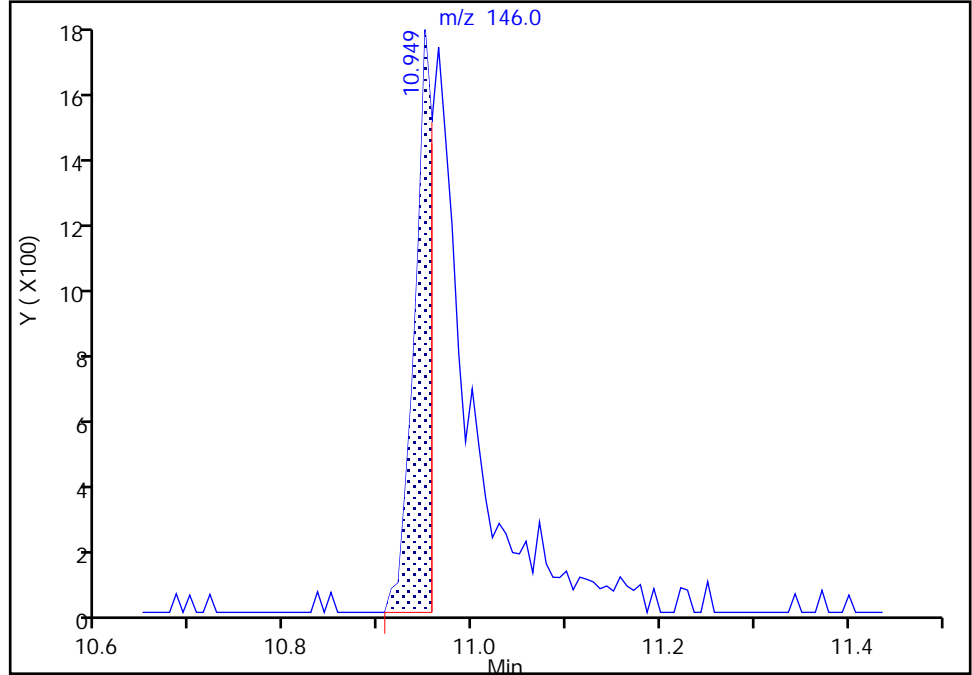
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

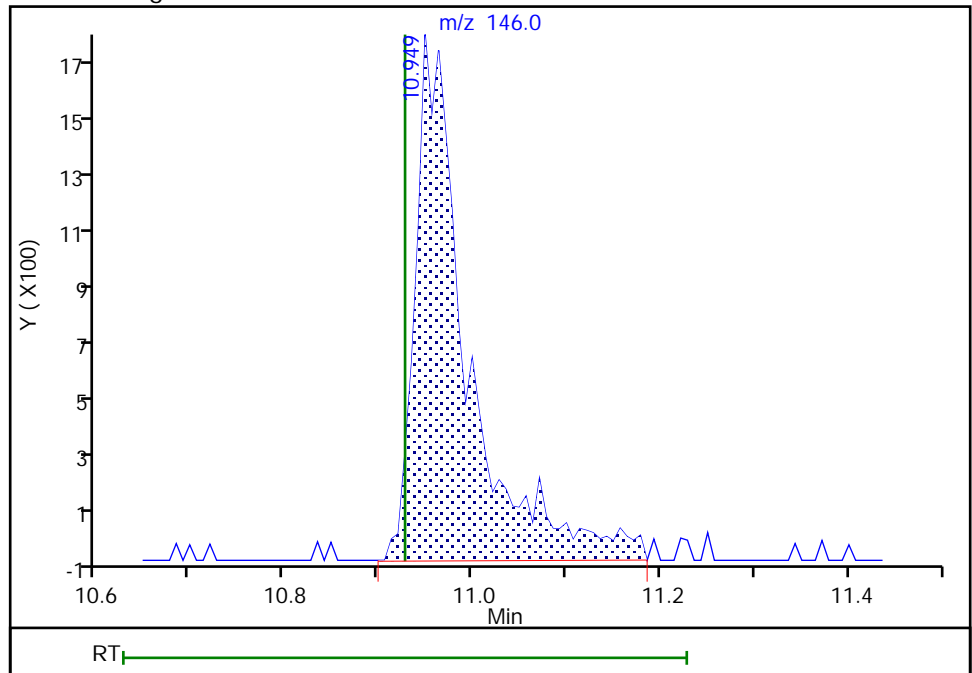
RT: 10.95
Area: 2333
Amount: 0.351008
Amount Units: ug/l

Processing Integration Results



RT: 10.95
Area: 6656
Amount: 1.027382
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

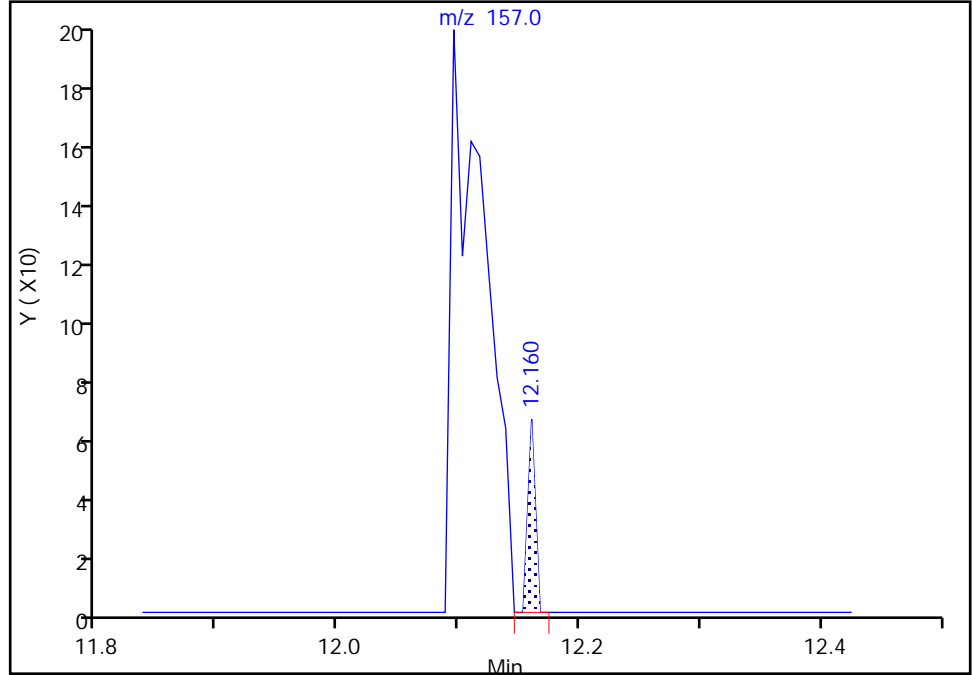
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

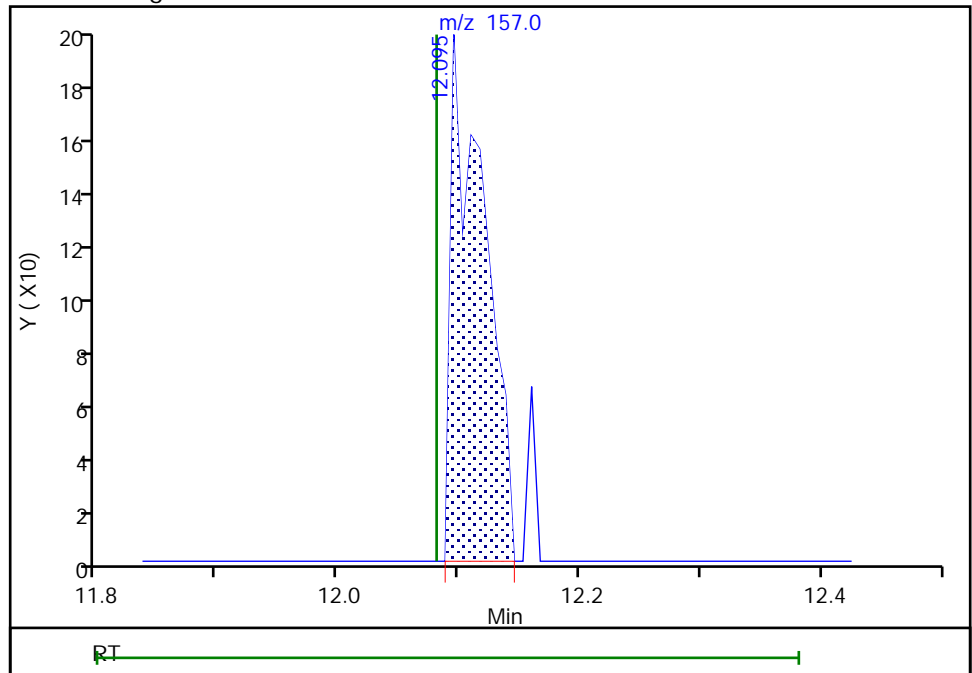
RT: 12.16
Area: 28
Amount: 0.050525
Amount Units: ug/l

Processing Integration Results



RT: 12.10
Area: 374
Amount: 0.729176
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:52:07
Audit Action: Assigned Compound ID

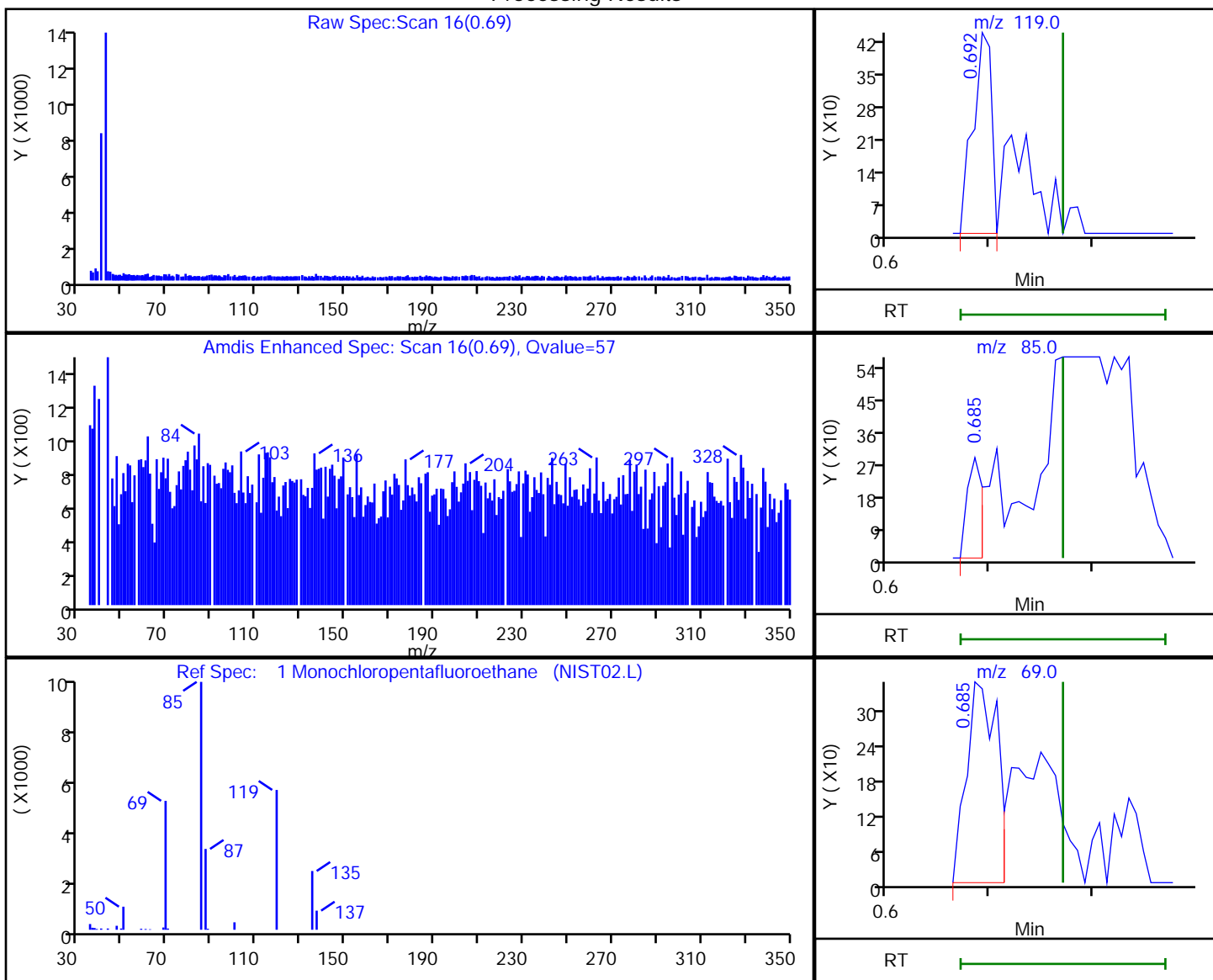
Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
 Lims ID: STD1
 Client ID:
 Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.69	119.00	542	6.684118
0.68	85.00	292	
0.68	69.00	728	
0.69	135.00	725	

Reviewer: baronm, 09-Jul-2020 20:09:51

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.: 460-216635-1

SDG No.: _____

Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40

Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40

GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29

Lab File ID: P76768.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	0.0757	0.0733		19.4	20.0	-3.2	30.0
Monochloropentafluoroethane	Ave	0.0165	0.0151		18.3	20.0	-8.7	30.0
Dichlorodifluoromethane	Ave	0.4043	0.3254	0.1000	16.1	20.0	-19.5	30.0
1,1-Difluoroethane	Ave	0.1477	0.1287		17.4	20.0	-12.9	30.0
Chlorodifluoromethane	Ave	0.0560	0.0509		18.2	20.0	-9.1	30.0
Butadiene	Ave	0.3405	0.3055		17.9	20.0	-10.3	30.0
Vinyl chloride	Ave	0.3801	0.3314	0.1000	17.4	20.0	-12.8	30.0
Chloromethane	Ave	0.5080	0.4346	0.1000	17.1	20.0	-14.5	30.0
Bromomethane	QuaF		2.182	0.1000	18.1	20.0	-9.5	30.0
Chloroethane	Ave	0.2774	0.2830	0.1000	20.4	20.0	2.0	30.0
Pentane	Ave	3.043	3.881		51.0	40.0	27.6	30.0
Trichlorofluoromethane	Ave	0.4862	0.4772	0.1000	19.6	20.0	-1.8	30.0
Dichlorofluoromethane	Ave	0.5883	0.5605		19.1	20.0	-4.7	30.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4699		18.9	20.0	-5.3	30.0
Ethyl ether	Ave	0.2665	0.2597		19.5	20.0	-2.5	30.0
1,1-Dichloroethene	Ave	0.2829	0.2777	0.1000	19.6	20.0	-1.8	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4314	0.4125		19.1	20.0	-4.4	30.0
Ethanol	QuaF		0.0833		830	800	3.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2762	0.1000	19.4	20.0	-2.8	30.0
Carbon disulfide	Ave	1.049	0.9642	0.1000	18.4	20.0	-8.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4484	0.4053		18.1	20.0	-9.6	30.0
Iodomethane	QuaF		0.1481		8.68	20.0	-56.6*	30.0
Cyclopentene	Ave	0.7861	0.7682		19.5	20.0	-2.3	30.0
Acrolein	Ave	1.465	0.5926		16.2	40.1	-59.6*	30.0
Allyl chloride	Ave	0.1761	0.1677		19.0	20.0	-4.8	30.0
Isopropyl alcohol	Ave	0.7617	0.8017		210	200	5.2	30.0
Methylene Chloride	Ave	0.3427	0.3617	0.1000	21.1	20.0	5.5	30.0
Acetone	Ave	0.8884	0.8329	0.0500	93.8	100	-6.2	30.0
trans-1,2-Dichloroethene	Ave	0.3146	0.3114	0.1000	19.8	20.0	-1.0	30.0
Methyl acetate	Ave	8.130	9.087	0.1000	44.7	40.0	11.8	30.0
Hexane	Ave	0.0726	0.0727		20.0	20.0	0.1	30.0
Methyl tert-butyl ether	Ave	0.7911	0.7695	0.1000	19.5	20.0	-2.7	30.0
2-Methyl-2-propanol	QuaF		0.9674		171	200	-14.5	30.0
Acetonitrile	Ave	1.508	1.302		173	200	-13.7	30.0
Isopropyl ether	Ave	0.8415	0.8124		19.3	20.0	-3.5	30.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2194		18.2	20.0	-9.2	30.0
1,1-Dichloroethane	Ave	0.4890	0.4636	0.2000	19.0	20.0	-5.2	30.0
Acrylonitrile	Ave	0.0799	0.0695		174	200	-13.0	30.0
Tert-butyl ethyl ether	Ave	0.7717	0.7016		18.2	20.0	-9.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.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
Vinyl acetate	Ave	0.5046	0.4660		36.9	40.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2834	0.1000	19.7	20.0	-1.4	30.0
2,2-Dichloropropane	Ave	0.3392	0.3331		19.6	20.0	-1.8	30.0
Cyclohexane	Ave	0.4349	0.4125	0.1000	19.0	20.0	-5.2	30.0
Chlorobromomethane	Ave	0.1314	0.1258		19.1	20.0	-4.3	30.0
Chloroform	Ave	0.4625	0.4396	0.2000	19.0	20.0	-5.0	30.0
Carbon tetrachloride	Ave	0.2887	0.2689	0.1000	18.6	20.0	-6.9	30.0
Ethyl acetate	Ave	0.3082	0.3150		40.9	40.0	2.2	30.0
Methyl acrylate	Ave	0.1781	0.1647		18.5	20.0	-7.5	30.0
Tetrahydrofuran	Ave	1.049	0.9744		37.2	40.0	-7.1	30.0
1,1,1-Trichloroethane	Ave	0.3726	0.3608	0.1000	19.4	20.0	-3.2	30.0
1,1-Dichloropropene	Ave	0.3768	0.3396		18.0	20.0	-9.9	30.0
2-Butanone (MEK)	Ave	0.3302	0.3165	0.0500	95.9	100	-4.1	30.0
2,2,4-Trimethylpentane	Ave	0.6407	0.6029		18.8	20.0	-5.9	30.0
n-Heptane	Ave	0.1605	0.1490		18.6	20.0	-7.1	30.0
Benzene	Ave	1.522	1.523	0.5000	20.0	20.0	0.0	30.0
Propionitrile	Ave	1.591	1.458		183	200	-8.4	30.0
Methacrylonitrile	Ave	0.0911	0.0813		178	200	-10.8	30.0
Tert-amyl methyl ether	Ave	0.6442	0.6053		18.8	20.0	-6.0	30.0
1,2-Dichloroethane	Ave	0.3475	0.3169	0.1000	18.2	20.0	-8.8	30.0
Isobutyl alcohol	Ave	0.3718	0.3340		449	500	-10.2	30.0
Isopropyl acetate	Ave	0.3948	0.3665		18.6	20.0	-7.2	30.0
Methylcyclohexane	Ave	0.4079	0.3886	0.1000	19.1	20.0	-4.7	30.0
Trichloroethene	Ave	0.2672	0.2493	0.2000	18.7	20.0	-6.7	30.0
Dibromomethane	Ave	0.1508	0.1450		19.2	20.0	-3.8	30.0
n-Butanol	QuaF		0.1914		387	500	-22.5	30.0
1,2-Dichloropropane	Ave	0.2646	0.2562	0.1000	19.4	20.0	-3.2	30.0
Dichlorobromomethane	Ave	0.3295	0.3152	0.2000	19.1	20.0	-4.3	30.0
Ethyl acrylate	Qua2		0.2081		18.7	20.0	-6.7	30.0
Methyl methacrylate	Ave	0.0516	0.0490		38.0	40.0	-4.9	30.0
1,4-Dioxane	Ave	1.331	1.348		405	400	1.3	30.0
n-Propyl acetate	Qua2		0.2370		18.9	20.0	-5.5	30.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0171		11.0	20.0	-45.1*	30.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5286	0.2000	20.1	20.0	0.5	30.0
Toluene	Ave	1.557	1.508	0.4000	19.4	20.0	-3.1	30.0
Epichlorohydrin	Ave	0.1344	0.1103		16.4	20.0	-17.9	30.0
2-Nitropropane	Ave	0.0465	0.0377		32.4	40.0	-19.0	30.0
Tetrachloroethene	Ave	0.3637	0.3560	0.2000	19.6	20.0	-2.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.165	0.0500	99.5	100	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4409	0.1000	18.9	20.0	-5.3	30.0
1,1,2-Trichloroethane	Ave	0.2471	0.2453	0.1000	19.9	20.0	-0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methacrylate	Qua2		0.2190		17.4	20.0	-12.8	30.0
Chlorodibromomethane	Ave	0.2983	0.3074	0.1000	20.6	20.0	3.0	30.0
1,3-Dichloropropane	Ave	0.5048	0.5031		19.9	20.0	-0.3	30.0
Ethylene Dibromide	Ave	0.2717	0.2827	0.1000	20.8	20.0	4.1	30.0
n-Butyl acetate	Qua2		0.3142		16.4	20.0	-17.8	30.0
2-Hexanone	QuaF		1.545	0.0500	95.6	100	-4.4	30.0
Chlorobenzene	Ave	0.9760	0.9404	0.5000	19.3	20.0	-3.6	30.0
Ethylbenzene	Ave	0.5403	0.5034	0.1000	18.6	20.0	-6.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3011		19.8	20.0	-0.8	30.0
m-Xylene & p-Xylene	Ave	0.6483	0.6118	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.6039	0.6056	0.3000	20.1	20.0	0.3	30.0
Bromoform	Qua2		0.1689	0.1000	20.3	20.0	1.4	30.0
Styrene	Ave	0.9843	1.030	0.3000	20.9	20.0	4.7	30.0
n-Butyl acrylate	Qua2		0.1875		18.8	20.0	-5.9	30.0
Isopropylbenzene	Ave	1.630	1.591	0.1000	19.5	20.0	-2.4	30.0
Amyl acetate (mixed isomers)	Qua2		0.8001		18.5	20.0	-7.5	30.0
Bromobenzene	Ave	0.7652	0.7229		18.9	20.0	-5.5	30.0
N-Propylbenzene	Ave	3.576	3.538		19.8	20.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5908	0.3000	18.9	20.0	-5.5	30.0
2-Chlorotoluene	Ave	2.500	2.400		19.2	20.0	-4.0	30.0
4-Ethyltoluene	Ave	2.979	2.952		19.8	20.0	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.1758	0.1662		18.9	20.0	-5.5	30.0
1,3,5-Trimethylbenzene	Ave	2.482	2.405		19.4	20.0	-3.1	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1273		15.3	20.0	-23.3	30.0
4-Chlorotoluene	Ave	2.230	2.206		19.8	20.0	-1.1	30.0
tert-Butylbenzene	Ave	2.058	2.043		19.9	20.0	-0.7	30.0
1,2,4-Trimethylbenzene	Ave	2.519	2.485		19.7	20.0	-1.4	30.0
Butyl Methacrylate	Qua2		0.6738		19.0	20.0	-5.0	30.0
sec-Butylbenzene	Ave	3.208	3.143		19.6	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.451	1.440	0.6000	19.8	20.0	-0.8	30.0
4-Isopropyltoluene	Ave	2.622	2.645		20.2	20.0	0.9	30.0
1,4-Dichlorobenzene	Ave	1.588	1.517	0.5000	19.1	20.0	-4.5	30.0
1,2,3-Trimethylbenzene	Ave	2.643	2.629		19.9	20.0	-0.5	30.0
Indan	Ave	2.629	2.686		20.4	20.0	2.2	30.0
Benzyl chloride	Qua2		0.1595		18.6	20.0	-6.9	30.0
p-Diethylbenzene	Ave	1.336	1.386		20.7	20.0	3.7	30.0
n-Butylbenzene	Ave	2.495	2.426		19.4	20.0	-2.8	30.0
1,2-Dichlorobenzene	Ave	1.456	1.372	0.4000	18.9	20.0	-5.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.489		20.4	20.0	1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.1129	0.0500	19.6	20.0	-2.0	30.0
1,3,5-Trichlorobenzene	Ave	1.113	1.128		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.9710	1.014	0.2000	20.9	20.0	4.4	30.0
Hexachlorobutadiene	Ave	0.3609	0.3838		21.3	20.0	6.3	30.0
Naphthalene	Ave	1.960	2.133		21.8	20.0	8.8	30.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.9393		20.6	20.0	3.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2254		48.2	50.0	-3.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2656		47.4	50.0	-5.2	30.0
Toluene-d8 (Surr)	Ave	1.212	1.226		50.6	50.0	1.1	30.0
4-Bromofluorobenzene	Ave	0.4000	0.3982		49.8	50.0	-0.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 09-Jul-2020 13:40:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0112940-019
 Operator ID: Instrument ID: CVOAMS13
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 14:50:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	95	18265	20.0	19.4	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	3754	20.0	18.3	Ma
3 Dichlorodifluoromethane	85	0.778	0.771	0.007	99	81100	20.0	16.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	98	32069	20.0	17.4	
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	97	12692	20.0	18.2	
7 Vinyl chloride	62	0.900	0.900	0.000	98	82598	20.0	17.4	
6 Chloromethane	50	0.907	0.900	0.007	92	108295	20.0	17.1	
8 Butadiene	54	0.900	0.900	0.000	91	76139	20.0	17.9	
9 Bromomethane	94	1.043	1.043	0.000	99	40883	20.0	18.1	
10 Chloroethane	64	1.100	1.100	0.000	100	70531	20.0	20.4	
11 Pentane	72	1.158	1.158	0.000	96	33571	40.0	51.0	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	56	118935	20.0	19.6	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	139670	20.0	19.1	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	96	117095	20.0	18.9	
15 Ethyl ether	59	1.308	1.308	0.000	94	64710	20.0	19.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	70	102799	20.0	19.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	69213	20.0	19.6	
19 Carbon disulfide	76	1.423	1.415	0.008	100	240290	20.0	18.4	
16 Ethanol	46	1.415	1.415	0.000	28	14419	800.0	830.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	82	68826	20.0	19.4	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	100998	20.0	18.1	
22 Iodomethane	142	1.480	1.473	0.007	99	36900	20.0	8.68	
23 Cyclopentene	67	1.552	1.552	0.000	97	191446	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	92	5133	40.1	16.2	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	41795	20.0	19.0	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	34672	200.0	210.5	
27 Methylene Chloride	84	1.702	1.702	0.000	94	90140	20.0	21.1	
28 Acetone	43	1.731	1.731	0.000	86	78021	100.0	93.8	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	77596	20.0	19.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	78603	40.0	44.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.831	1.824	0.007	89	18123	20.0	20.0	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	90	191775	20.0	19.5	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	216247	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	98	41840	200.0	171.0	
35 Acetonitrile	41	1.988	1.989	-0.001	99	56309	200.0	172.7	
36 Isopropyl ether	45	2.067	2.067	0.000	96	202466	20.0	19.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54685	20.0	18.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	115530	20.0	19.0	
39 Acrylonitrile	53	2.168	2.168	0.000	93	173101	200.0	174.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	174852	20.0	18.2	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	232274	40.0	36.9	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	70617	20.0	19.7	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	83013	20.0	19.6	
44 Cyclohexane	56	2.597	2.597	0.000	92	102794	20.0	19.0	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	31339	20.0	19.1	
46 Chloroform	83	2.662	2.662	0.000	97	109560	20.0	19.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	67002	20.0	18.6	
49 Methyl acrylate	55	2.762	2.762	0.000	56	41051	20.0	18.5	
48 Ethyl acetate	70	2.762	2.762	0.000	97	11804	40.0	40.9	
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	36510	40.0	37.2	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	140407	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	89926	20.0	19.4	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	234175	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	29648	100.0	95.9	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	84628	20.0	18.0	
56 Isooctane	57	2.970	2.970	0.000	98	150247	20.0	18.8	
58 Benzene	78	3.070	3.063	0.007	96	259799	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	91	37140	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	94	63046	200.0	183.3	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	202592	200.0	178.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	165467	50.0	47.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	150850	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	78983	20.0	18.2	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	36110	500.0	449.1	
65 t-Amyl alcohol	59	3.371	3.371	0.000	89	21974	200.0	166.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	623023	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	91339	20.0	18.6	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	96840	20.0	19.1	
69 Trichloroethene	130	3.550	3.550	0.000	98	62130	20.0	18.7	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	130624	20.0	18.5	
71 Dibromomethane	93	3.908	3.908	0.000	97	36142	20.0	19.2	
72 n-Butanol	56	3.930	3.930	0.000	94	20699	500.0	387.3	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	91	63839	20.0	19.4	
75 Dichlorobromomethane	83	4.080	4.080	0.000	99	78545	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	51856	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	90	21036	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	88	24443	40.0	38.0	
78 1,4-Dioxane	88	4.281	4.281	0.000	36	11342	400.0	405.2	
79 n-Propyl acetate	43	4.431	4.431	0.000	99	59058	20.0	18.9	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	92	4266	20.0	11.0	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	95	90156	20.0	20.1	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	522788	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	257263	20.0	19.4	
84 Epichlorohydrin	57	5.004	4.983	0.021	90	2067	20.0	16.4	a
85 2-Nitropropane	41	5.205	5.205	0.000	100	18782	40.0	32.4	
86 Tetrachloroethene	166	5.377	5.369	0.008	98	60721	20.0	19.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	202750	100.0	99.5	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	98	75203	20.0	18.9	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	94	41837	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	88	54571	20.0	17.4	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	52423	20.0	20.6	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	85802	20.0	19.9	
93 Ethylene Dibromide	107	6.057	6.057	0.000	100	48221	20.0	20.8	
94 n-Butyl acetate	43	6.408	6.415	-0.007	99	53592	20.0	16.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	144755	100.0	95.6	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	426390	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	160392	20.0	19.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	85866	20.0	18.6	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	51354	20.0	19.8	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	104346	20.0	18.9	
101 o-Xylene	106	7.640	7.640	0.000	93	103296	20.0	20.1	
102 Bromoform	173	7.705	7.705	0.000	94	28814	20.0	20.3	
103 Styrene	104	7.726	7.733	-0.007	95	175721	20.0	20.9	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	31984	20.0	18.8	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	271421	20.0	19.5	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	89	75631	20.0	18.5	
\$ 107 4-Bromofluorobenzene	174	8.492	8.493	-0.001	90	169771	50.0	49.8	
108 Bromobenzene	156	8.600	8.600	0.000	98	68332	20.0	18.9	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	334459	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	55841	20.0	18.9	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	226870	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	279027	20.0	19.8	
113 1,2,3-Trichloropropane	110	9.030	9.037	-0.007	97	15705	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	227354	20.0	19.4	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	77	12037	20.0	15.3	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	208562	20.0	19.8	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	193084	20.0	19.9	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	234879	20.0	19.7	
119 Butyl Methacrylate	87	9.710	9.710	0.000	95	63689	20.0	19.0	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	297103	20.0	19.6	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	136073	20.0	19.8	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	250014	20.0	20.2	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	236306	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	95	143357	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	248481	20.0	19.9	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	253909	20.0	20.4	
127 Benzyl chloride	126	10.727	10.727	0.000	96	15074	20.0	18.6	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	131040	20.0	20.7	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	229291	20.0	19.4	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	129684	20.0	18.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	235231	20.0	20.4	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	92	10672	20.0	19.6	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	106658	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	93	95846	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	36275	20.0	21.3	
136 Naphthalene	128	13.134	13.127	0.007	99	201631	20.0	21.8	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	88787	20.0	20.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.0	
S 140 Xylenes, Total	100				0		40.0	38.9	
S 142 Total BTEX	1				0		100.0	97.0	

QC Flag Legend

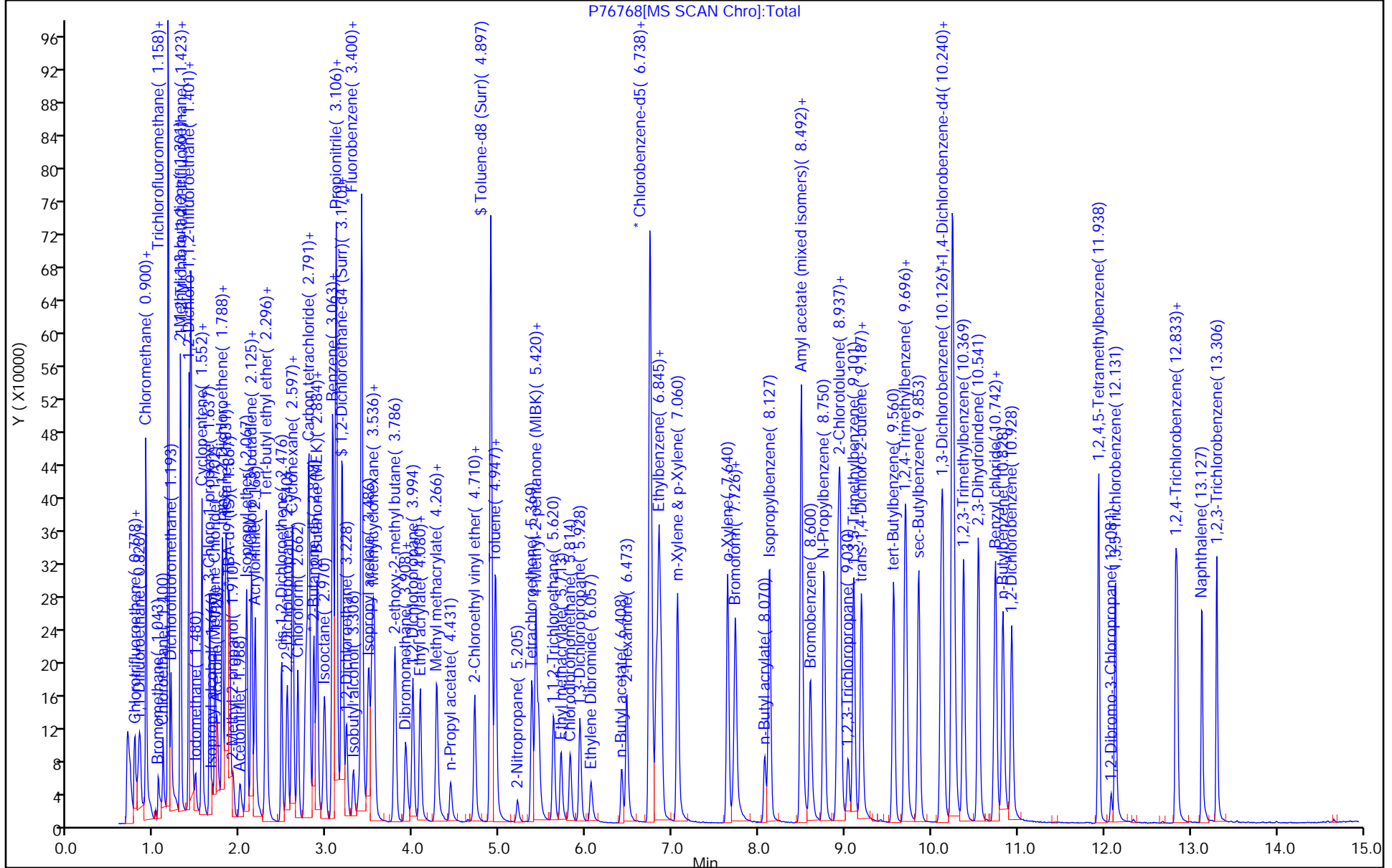
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00363	Amount Added: 20.00	Units: uL	
8260 SP_00127	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00114	Amount Added: 4.00	Units: uL	
8FreonsSS_00021	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

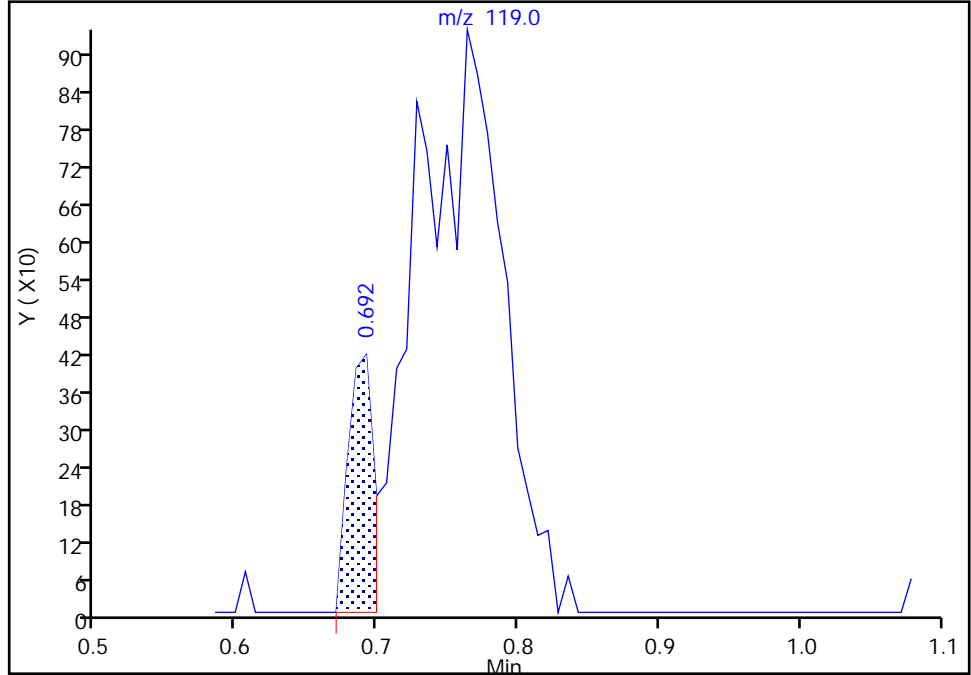
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

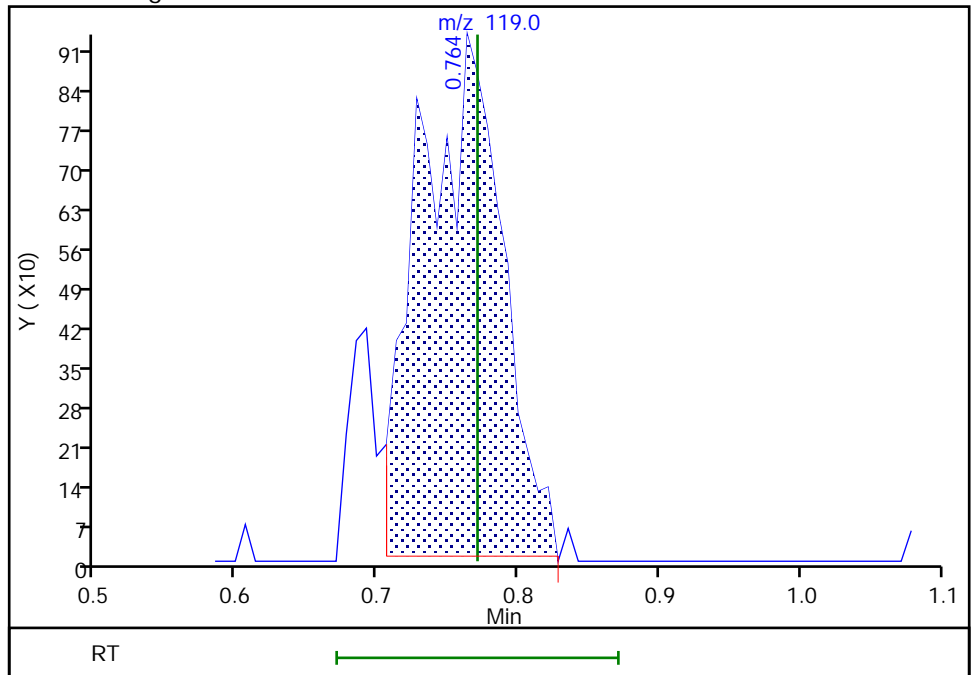
RT: 0.69
Area: 521
Amount: 3.469783
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 3754
Amount: 18.254905
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

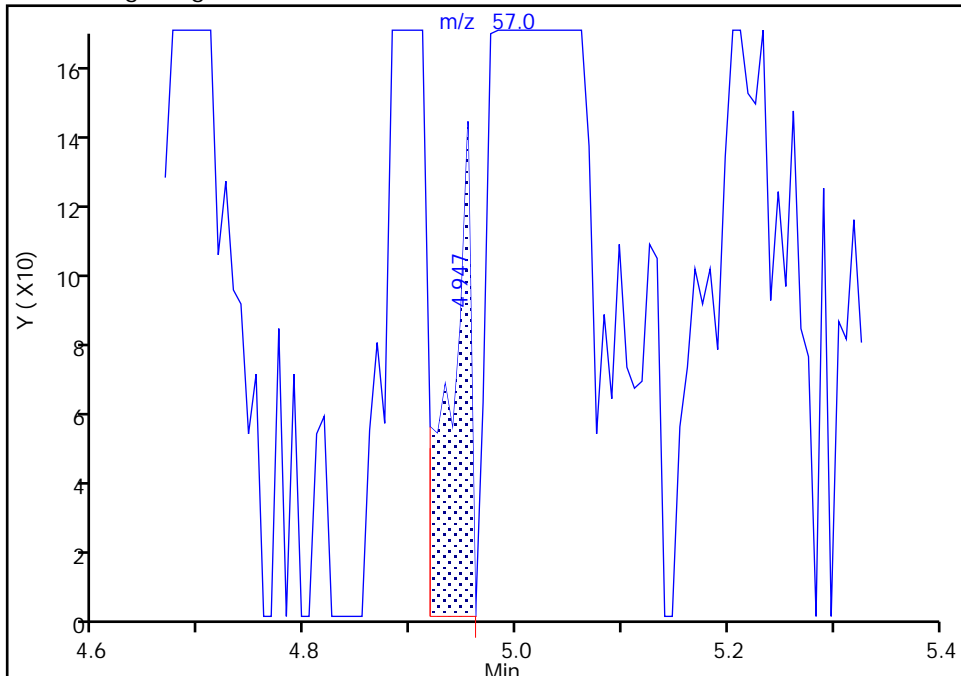
ALS Bottle#: 18 Worklist Smp#: 19
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

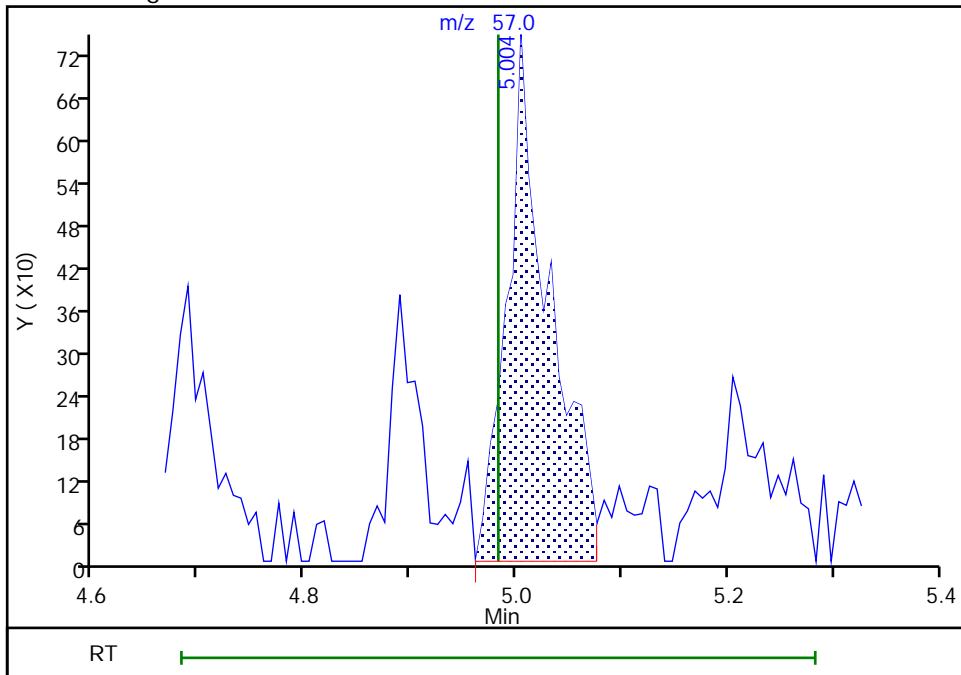
RT: 4.95
Area: 193
Amount: 1.533361
Amount Units: ug/l

Processing Integration Results



RT: 5.00
Area: 2067
Amount: 16.422059
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:40:32
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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	0.4043	0.3580	0.1000	17.7	20.0	-11.4	20.0
Butadiene	Ave	0.3405	0.3276		19.2	20.0	-3.8	20.0
Chloromethane	Ave	0.5080	0.4737	0.1000	18.7	20.0	-6.7	20.0
Vinyl chloride	Ave	0.3801	0.3557	0.1000	18.7	20.0	-6.4	20.0
Bromomethane	QuaF		1.727	0.1000	14.3	20.0	-28.5	50.0
Chloroethane	Ave	0.2774	0.2040	0.1000	14.7	20.0	-26.5	50.0
Pentane	Ave	3.043	4.040		53.1	40.0	32.8*	20.0
Trichlorofluoromethane	Ave	0.4862	0.3662	0.1000	15.1	20.0	-24.7*	20.0
Dichlorofluoromethane	Ave	0.5883	0.4497		15.3	20.0	-23.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4187		16.9	20.0	-15.6	20.0
Ethyl ether	Ave	0.2665	0.1940		14.6	20.0	-27.2*	20.0
1,1-Dichloroethene	Ave	0.2829	0.2479	0.1000	17.5	20.0	-12.4	20.0
Carbon disulfide	Ave	1.049	0.8453	0.1000	16.1	20.0	-19.4	50.0
Ethanol	QuaF		0.0711		709	800	-11.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2528	0.1000	17.8	20.0	-11.0	20.0
Iodomethane	QuaF		0.1830		10.7	20.0	-46.3*	20.0
Cyclopentene	Ave	0.7861	0.6842		17.4	20.0	-13.0	20.0
Acrolein	Ave	1.465	1.420		38.8	40.0	-3.1	50.0
Allyl chloride	Ave	0.1761	0.1520		17.3	20.0	-13.7	20.0
Isopropyl alcohol	Ave	0.7617	0.7031		185	200	-7.7	50.0
Methylene Chloride	Ave	0.3427	0.2813	0.1000	16.4	20.0	-17.9	20.0
Acetone	Ave	0.8884	0.5736	0.0500	64.6	100	-35.4	50.0
trans-1,2-Dichloroethene	Ave	0.3146	0.2652	0.1000	16.9	20.0	-15.7	20.0
Methyl acetate	Ave	8.130	9.419	0.1000	46.3	40.0	15.9	20.0
Hexane	Ave	0.0726	0.0721		19.8	20.0	-0.8	20.0
Methyl tert-butyl ether	Ave	0.7911	0.5809	0.1000	14.7	20.0	-26.6*	20.0
2-Methyl-2-propanol	QuaF		1.083		191	200	-4.3	50.0
Acetonitrile	Ave	1.508	1.838		244	200	21.9*	20.0
Isopropyl ether	Ave	0.8415	0.9021		21.4	20.0	7.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2523		20.9	20.0	4.4	20.0
1,1-Dichloroethane	Ave	0.4890	0.4941	0.2000	20.2	20.0	1.0	20.0
Acrylonitrile	Ave	0.0799	0.0713		179	200	-10.7	20.0
Tert-butyl ethyl ether	Ave	0.7717	0.7438		19.3	20.0	-3.6	20.0
Vinyl acetate	Ave	0.5046	0.4755		37.7	40.0	-5.8	20.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2997	0.1000	20.9	20.0	4.3	20.0
2,2-Dichloropropane	Ave	0.3392	0.3529		20.8	20.0	4.0	20.0
Chlorobromomethane	Ave	0.1314	0.1339		20.4	20.0	1.9	20.0
Cyclohexane	Ave	0.4349	0.5344	0.1000	24.6	20.0	22.9	50.0
Chloroform	Ave	0.4625	0.4492	0.2000	19.4	20.0	-2.9	20.0
Carbon tetrachloride	Ave	0.2887	0.2952	0.1000	20.5	20.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3082	0.3078		39.9	40.0	-0.1	20.0
Methyl acrylate	Ave	0.1781	0.1639		18.4	20.0	-8.0	20.0
Tetrahydrofuran	Ave	1.049	1.020		38.9	40.0	-2.8	20.0
1,1,1-Trichloroethane	Ave	0.3726	0.3608	0.1000	19.4	20.0	-3.2	20.0
2-Butanone (MEK)	Ave	0.3302	0.3192	0.0500	96.7	100	-3.3	50.0
1,1-Dichloropropene	Ave	0.3768	0.3955		21.0	20.0	5.0	20.0
2,2,4-Trimethylpentane	Ave	0.6407	0.8515		26.6	20.0	32.9*	20.0
n-Heptane	Ave	0.1605	0.2067		25.8	20.0	28.8*	20.0
Benzene	Ave	1.522	1.623	0.5000	21.3	20.0	6.7	20.0
Propionitrile	Ave	1.591	2.084		262	200	31.0*	20.0
Methacrylonitrile	Ave	0.0911	0.0818		179	200	-10.3	20.0
Tert-amyl methyl ether	Ave	0.6442	0.6189		19.2	20.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.3475	0.3042	0.1000	17.5	20.0	-12.5	20.0
Isobutyl alcohol	Ave	0.3718	0.4915		661	500	32.2	50.0
Isopropyl acetate	Ave	0.3948	0.3346		17.0	20.0	-15.2	20.0
Methylcyclohexane	Ave	0.4079	0.4951	0.1000	24.3	20.0	21.4	50.0
Trichloroethene	Ave	0.2672	0.2932	0.2000	21.9	20.0	9.7	20.0
Dibromomethane	Ave	0.1508	0.1302		17.3	20.0	-13.6	20.0
n-Butanol	QuaF		0.2797		565	500	13.0	50.0
1,2-Dichloropropane	Ave	0.2646	0.2836	0.1000	21.4	20.0	7.2	20.0
Dichlorobromomethane	Ave	0.3295	0.3122	0.2000	18.9	20.0	-5.3	20.0
Ethyl acrylate	Qua2		0.2082		18.7	20.0	-6.7	20.0
Methyl methacrylate	Ave	0.0516	0.0474		36.7	40.0	-8.2	20.0
1,4-Dioxane	Ave	1.331	1.105		332	400	-17.0	50.0
n-Propyl acetate	Qua2		0.2393		19.1	20.0	-4.6	20.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0598		38.5	20.0	92.0*	20.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5420	0.2000	20.6	20.0	3.1	50.0
Toluene	Ave	1.557	1.612	0.4000	20.7	20.0	3.5	20.0
Epichlorohydrin	Ave	0.1344	0.1607		478	400	19.6	20.0
2-Nitropropane	Ave	0.0465	0.0336		28.8	40.0	-27.9*	20.0
Tetrachloroethene	Ave	0.3637	0.3939	0.2000	21.7	20.0	8.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.361	0.0500	109	100	8.6	50.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4566	0.1000	19.6	20.0	-1.9	50.0
1,1,2-Trichloroethane	Ave	0.2471	0.2382	0.1000	19.3	20.0	-3.6	20.0
Ethyl methacrylate	Qua2		0.2222		17.7	20.0	-11.5	20.0
Chlorodibromomethane	Ave	0.2983	0.2900	0.1000	19.4	20.0	-2.8	50.0
1,3-Dichloropropane	Ave	0.5048	0.4943		19.6	20.0	-2.1	20.0
Ethylene Dibromide	Ave	0.2717	0.2653	0.1000	19.5	20.0	-2.4	20.0
n-Butyl acetate	Qua2		0.3198		16.7	20.0	-16.4	20.0
2-Hexanone	QuaF		1.568	0.0500	97.0	100	-3.0	50.0
Chlorobenzene	Ave	0.9760	1.011	0.5000	20.7	20.0	3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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
Ethylbenzene	Ave	0.5403	0.5623	0.1000	20.8	20.0	4.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3148		20.7	20.0	3.7	20.0
m-Xylene & p-Xylene	Ave	0.6483	0.6729	0.1000	20.8	20.0	3.8	20.0
o-Xylene	Ave	0.6039	0.6607	0.3000	21.9	20.0	9.4	20.0
Bromoform	Qua2		0.1657	0.1000	19.9	20.0	-0.5	20.0
Styrene	Ave	0.9843	1.081	0.3000	22.0	20.0	9.9	20.0
n-Butyl acrylate	Qua2		0.1864		18.7	20.0	-6.4	20.0
Isopropylbenzene	Ave	1.630	1.746	0.1000	21.4	20.0	7.1	20.0
Amyl acetate (mixed isomers)	Qua2		0.7524		17.4	20.0	-12.9	20.0
Bromobenzene	Ave	0.7652	0.7439		19.4	20.0	-2.8	20.0
N-Propylbenzene	Ave	3.576	3.624		20.3	20.0	1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5546	0.3000	17.8	20.0	-11.2	20.0
2-Chlorotoluene	Ave	2.500	2.447		19.6	20.0	-2.1	20.0
4-Ethyltoluene	Ave	2.979	3.038		20.4	20.0	2.0	20.0
1,2,3-Trichloropropane	Ave	0.1758	0.1535		17.5	20.0	-12.7	20.0
1,3,5-Trimethylbenzene	Ave	2.482	2.493		20.1	20.0	0.4	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.1379		16.6	20.0	-17.0	20.0
4-Chlorotoluene	Ave	2.230	2.217		19.9	20.0	-0.6	20.0
tert-Butylbenzene	Ave	2.058	2.170		21.1	20.0	5.5	20.0
1,2,4-Trimethylbenzene	Ave	2.519	2.569		20.4	20.0	2.0	20.0
Butyl Methacrylate	Qua2		0.7005		19.7	20.0	-1.4	20.0
sec-Butylbenzene	Ave	3.208	3.311		20.6	20.0	3.2	20.0
1,3-Dichlorobenzene	Ave	1.451	1.488	0.6000	20.5	20.0	2.5	20.0
4-Isopropyltoluene	Ave	2.622	2.799		21.4	20.0	6.8	20.0
1,4-Dichlorobenzene	Ave	1.588	1.552	0.5000	19.5	20.0	-2.3	20.0
1,2,3-Trimethylbenzene	Ave	2.643	2.634		19.9	20.0	-0.4	20.0
Indan	Ave	2.629	2.599		19.8	20.0	-1.1	20.0
Benzyl chloride	Qua2		0.1816		21.0	20.0	5.2	50.0
p-Diethylbenzene	Ave	1.336	1.431		21.4	20.0	7.1	20.0
n-Butylbenzene	Ave	2.495	2.599		20.8	20.0	4.2	20.0
1,2-Dichlorobenzene	Ave	1.456	1.433	0.4000	19.7	20.0	-1.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.536		20.8	20.0	3.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.0934	0.0500	16.2	20.0	-19.0	50.0
1,3,5-Trichlorobenzene	Ave	1.113	1.131		20.3	20.0	1.6	20.0
1,2,4-Trichlorobenzene	Ave	0.9710	0.9738	0.2000	20.1	20.0	0.3	20.0
Hexachlorobutadiene	Ave	0.3609	0.3948		21.9	20.0	9.4	20.0
Naphthalene	Ave	1.960	1.774		18.1	20.0	-9.5	50.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.7877		17.3	20.0	-13.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2255		48.2	50.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2371		42.3	50.0	-15.4	20.0
Toluene-d8 (Surr)	Ave	1.212	1.273		52.5	50.0	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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
4-Bromofluorobenzene	Ave	0.4000	0.4146		51.8	50.0	3.6	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79026.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Aug-2020 09:09:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0115916-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:53:26 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 17:04:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	89658	20.0	17.7	
7 Vinyl chloride	62	0.893	0.893	0.000	63	89081	20.0	18.7	
8 Butadiene	54	0.893	0.893	0.000	94	82040	20.0	19.2	
6 Chloromethane	50	0.893	0.893	0.000	71	118633	20.0	18.7	
9 Bromomethane	94	1.036	1.036	0.000	99	30143	20.0	14.3	
10 Chloroethane	64	1.093	1.093	0.000	99	51085	20.0	14.7	
11 Pentane	72	1.151	1.151	0.000	97	25420	40.0	53.1	
12 Trichlorofluoromethane	101	1.151	1.151	0.000	57	91714	20.0	15.1	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	112608	20.0	15.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	97	104839	20.0	16.9	
15 Ethyl ether	59	1.301	1.301	0.000	97	48575	20.0	14.6	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	97	62072	20.0	17.5	
19 Carbon disulfide	76	1.408	1.408	0.000	99	211671	20.0	16.1	
16 Ethanol	46	1.408	1.408	0.000	32	8952	800.0	708.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.416	1.416	0.000	91	63295	20.0	17.8	
22 Iodomethane	142	1.466	1.466	0.000	96	45838	20.0	10.7	
23 Cyclopentene	67	1.544	1.544	0.000	96	171333	20.0	17.4	
24 Acrolein	56	1.559	1.559	0.000	93	8936	40.0	38.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	38066	20.0	17.3	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	22121	200.0	184.6	
27 Methylene Chloride	84	1.695	1.695	0.000	92	70436	20.0	16.4	
28 Acetone	43	1.716	1.716	0.000	88	50070	100.0	64.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	94	66404	20.0	16.9	
30 Methyl acetate	43	1.781	1.781	0.000	100	59267	40.0	46.3	
31 Hexane	86	1.817	1.817	0.000	89	18047	20.0	19.8	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	88	145459	20.0	14.7	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	157314	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	0.000	100	34062	200.0	191.3	
35 Acetonitrile	41	1.981	1.981	0.000	99	57820	200.0	243.8	
36 Isopropyl ether	45	2.060	2.060	0.000	97	225900	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	91	63174	20.0	20.9	
38 1,1-Dichloroethane	63	2.125	2.125	0.000	99	123733	20.0	20.2	
39 Acrylonitrile	53	2.153	2.153	0.000	94	178563	200.0	178.6	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	88	186270	20.0	19.3	
41 Vinyl acetate	43	2.289	2.289	0.000	100	238130	40.0	37.7	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	97	75045	20.0	20.9	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	88376	20.0	20.8	
44 Cyclohexane	56	2.590	2.590	0.000	91	133822	20.0	24.6	
45 Chlorobromomethane	128	2.590	2.590	0.000	93	33522	20.0	20.4	
46 Chloroform	83	2.648	2.648	0.000	99	112496	20.0	19.4	
47 Carbon tetrachloride	117	2.734	2.734	0.000	98	73926	20.0	20.5	
48 Ethyl acetate	70	2.748	2.748	0.000	98	10747	40.0	39.9	
49 Methyl acrylate	55	2.755	2.755	0.000	99	41033	20.0	18.4	
50 Tetrahydrofuran	42	2.755	2.755	0.000	95	35596	40.0	38.9	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	141167	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	90348	20.0	19.4	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	99	218217	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	100	27862	100.0	96.7	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	97	99049	20.0	21.0	
56 Isooctane	57	2.963	2.963	0.000	99	213234	20.0	26.6	
57 n-Heptane	57	3.049	3.049	0.000	94	51763	20.0	25.8	
58 Benzene	78	3.056	3.056	0.000	96	293385	20.0	21.3	
59 Propionitrile	54	3.077	3.077	0.000	95	65583	200.0	262.1	
60 Methacrylonitrile	67	3.092	3.092	0.000	92	204727	200.0	179.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	148452	50.0	42.3	
62 Tert-amyl methyl ether	73	3.170	3.170	0.000	99	154975	20.0	19.2	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	76187	20.0	17.5	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	38663	500.0	661.0	
65 t-Amyl alcohol	59	3.357	3.357	0.000	94	24467	200.0	254.8	
* 66 Fluorobenzene	96	3.393	3.393	0.000	99	626036	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	83786	20.0	17.0	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	123976	20.0	24.3	
69 Trichloroethene	130	3.536	3.536	0.000	97	73421	20.0	21.9	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	142867	20.0	20.1	
71 Dibromomethane	93	3.894	3.894	0.000	96	32608	20.0	17.3	
72 n-Butanol	56	3.915	3.915	0.000	89	22002	500.0	564.9	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	71019	20.0	21.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	78169	20.0	18.9	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	52142	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	80	22286	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	93	23726	40.0	36.7	
78 1,4-Dioxane	88	4.266	4.266	0.000	35	9851	400.0	332.2	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	59914	20.0	19.1	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	96	15023	20.0	38.5	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	97949	20.0	20.6	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	575215	50.0	52.5	
83 Toluene	91	4.940	4.940	0.000	93	291285	20.0	20.7	
84 Epichlorohydrin	57	4.976	4.976	0.000	98	56102	400.0	478.3	
85 2-Nitropropane	41	5.190	5.190	0.000	98	16808	40.0	28.8	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	71193	20.0	21.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	206068	100.0	108.6	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	82522	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	95	43051	20.0	19.3	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	55644	20.0	17.7	
91 Chlorodibromomethane	129	5.806	5.806	0.000	97	52405	20.0	19.4	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	89322	20.0	19.6	
93 Ethylene Dibromide	107	6.043	6.043	0.000	97	47938	20.0	19.5	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	57797	20.0	16.7	
95 2-Hexanone	43	6.458	6.458	0.000	96	136826	100.0	97.0	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	451799	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	96	182618	20.0	20.7	
98 Ethylbenzene	106	6.831	6.831	0.000	98	101621	20.0	20.8	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	56889	20.0	20.7	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	121615	20.0	20.8	
101 o-Xylene	106	7.626	7.626	0.000	95	119407	20.0	21.9	
102 Bromoform	173	7.698	7.698	0.000	95	29943	20.0	19.9	
103 Styrene	104	7.719	7.719	0.000	96	195436	20.0	22.0	
104 n-Butyl acrylate	73	8.056	8.056	0.000	97	33681	20.0	18.7	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	315598	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	90	79152	20.0	17.4	
\$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	93	187295	50.0	51.8	
108 Bromobenzene	156	8.586	8.586	0.000	97	78257	20.0	19.4	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	381208	20.0	20.3	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	96	58346	20.0	17.8	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	257423	20.0	19.6	
112 4-Ethyltoluene	105	8.930	8.930	0.000	98	319597	20.0	20.4	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	16147	20.0	17.5	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	262215	20.0	20.1	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	62	14504	20.0	16.6	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	233218	20.0	19.9	
117 tert-Butylbenzene	119	9.546	9.546	0.000	95	228323	20.0	21.1	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	270258	20.0	20.4	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	73687	20.0	19.7	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	348285	20.0	20.6	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	156482	20.0	20.5	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	294454	20.0	21.4	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	262989	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.248	0.000	96	163273	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	277046	20.0	19.9	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	273415	20.0	19.8	
127 Benzyl chloride	126	10.713	10.713	0.000	98	19099	20.0	21.0	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	150521	20.0	21.4	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	273402	20.0	20.8	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	150702	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	266800	20.0	20.8	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	92	9821	20.0	16.2	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	118981	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	102437	20.0	20.1	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	41528	20.0	21.9	
136 Naphthalene	128	13.127	13.127	0.000	100	186640	20.0	18.1	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	82862	20.0	17.3	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 139 1,3-Dichloropropene, Total	100				0		40.0	40.2	
S 140 Xylenes, Total	100				0		40.0	42.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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S 142 Total BTEX

1

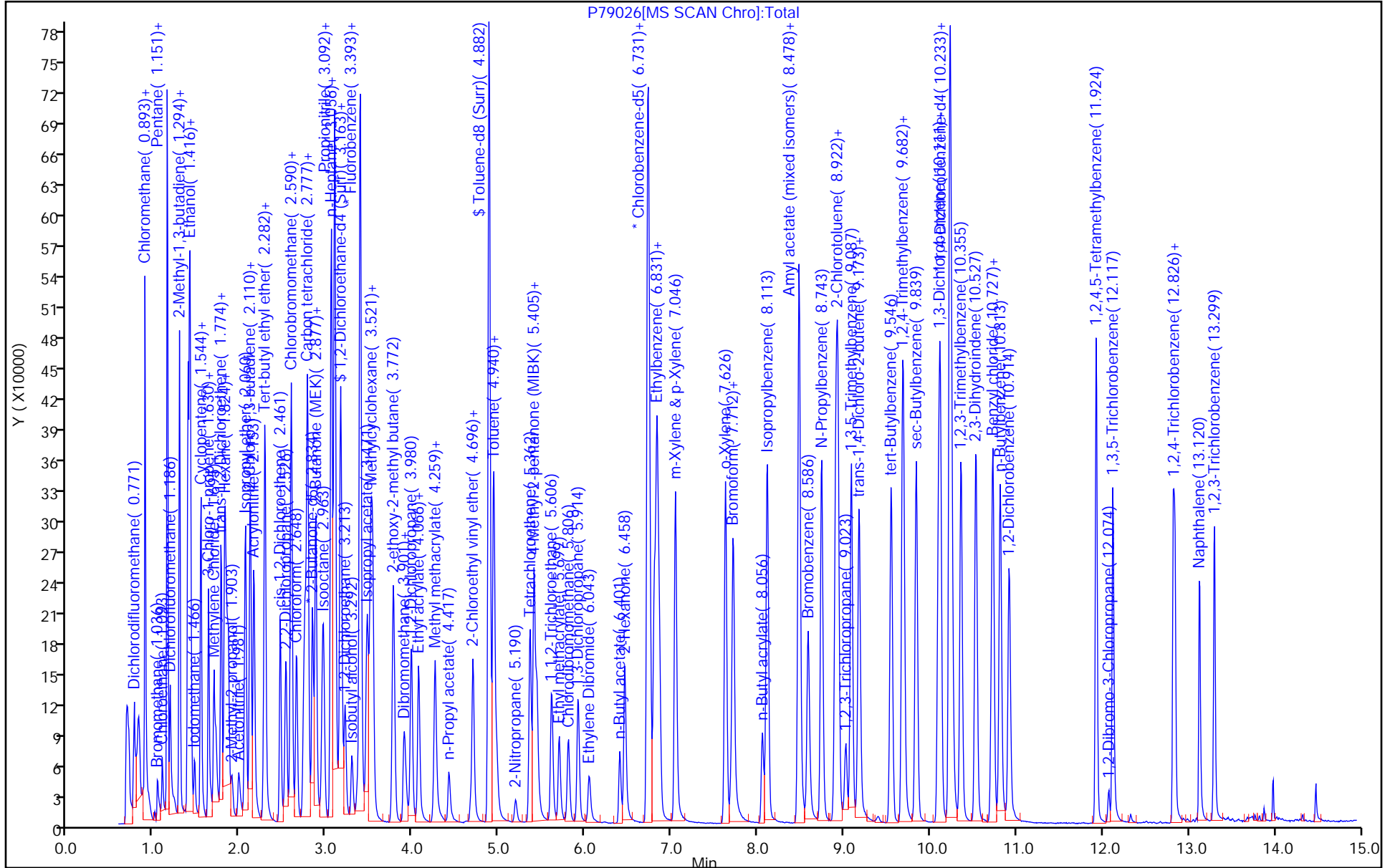
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100.0

105.5

Reagents:

GASES Li_00383	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 09-Jul-2020 03:47:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112940-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:42:57 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 143 BFB	95	2.015	2.015	0.000	89	38708	NR	NR	

QC Flag Legend

Processing Flags
 NR - Missing Quant Standard

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D

Injection Date: 09-Jul-2020 03:47:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

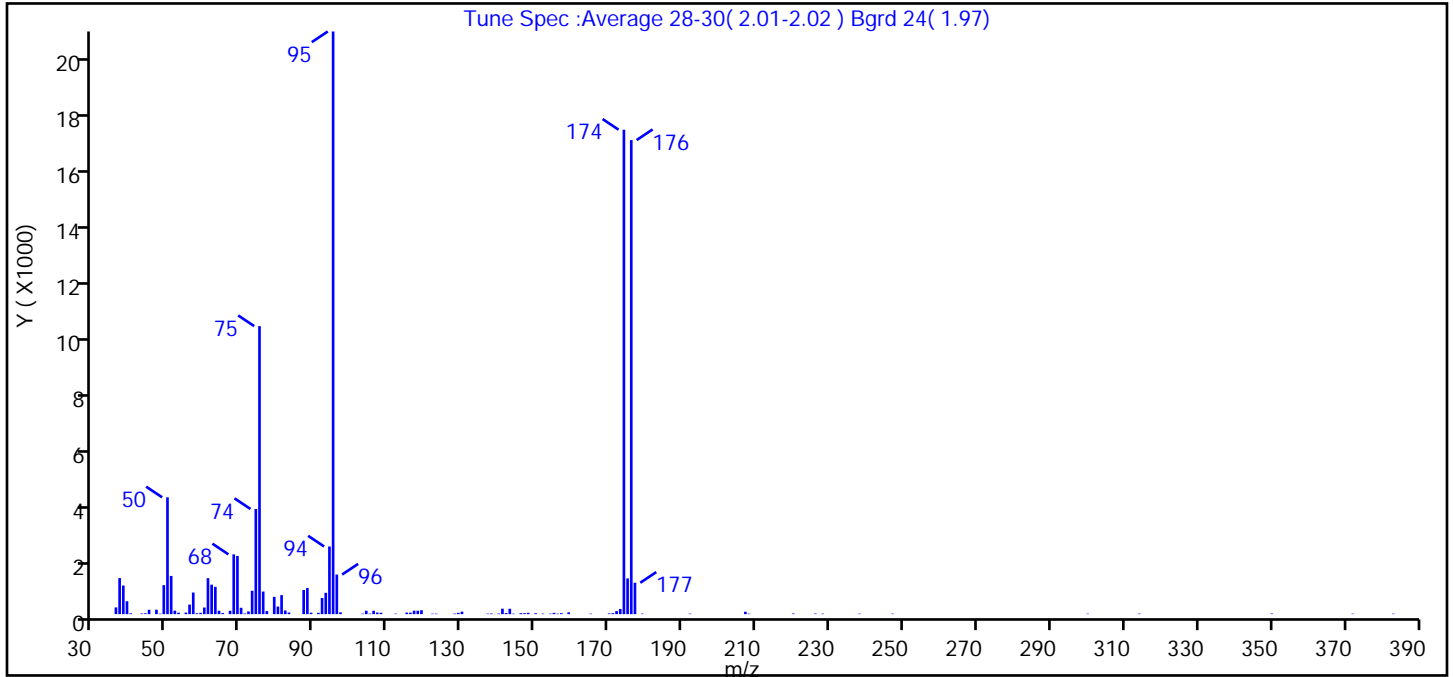
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.1
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	83.1
175	5 to 9% of m/z 174	6.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.4 (97.9)
177	5 to 9% of m/z 176	5.4 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D\8260W_13.rsl\spectra.d
Injection Date: 09-Jul-2020 03:47:30
Spectrum: Tune Spec :Average 28-30(2.01-2.02) Bgrd 24(1.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	239	69.00	2067	106.00	120	156.00	18
37.00	1280	70.00	226	107.00	56	157.00	35
38.00	1016	71.00	22	108.00	51	159.00	64
39.00	459	72.00	95	112.00	17	165.00	17
40.00	29	73.00	830	115.00	56	170.00	25
43.00	22	74.00	3733	116.00	53	171.00	35
44.00	29	75.00	10227	117.00	123	172.00	110
45.00	156	76.00	802	118.00	122	173.00	183
47.00	158	77.00	110	119.00	139	174.00	17200
48.00	17	78.00	1	122.00	17	175.00	1268
49.00	1030	79.00	615	123.00	18	176.00	16832
50.00	4148	80.00	270	128.00	20	177.00	1115
51.00	1357	81.00	676	129.00	47	179.00	18
52.00	123	82.00	129	130.00	90	192.00	17
53.00	52	83.00	57	137.00	18	207.00	85
55.00	55	87.00	858	138.00	23	208.00	17
56.00	339	88.00	931	140.00	22	220.00	22
57.00	767	89.00	52	141.00	194	226.00	20
58.00	30	91.00	48	142.00	39	228.00	18
59.00	47	92.00	572	143.00	191	238.00	16
60.00	235	93.00	758	144.00	17	247.00	17
61.00	1278	94.00	2402	146.00	36	300.00	16
62.00	1046	95.00	20688	147.00	35	314.00	19
63.00	969	96.00	1406	148.00	47	350.00	21
64.00	121	97.00	64	150.00	32	372.00	17
65.00	39	103.00	19	152.00	19	383.00	16
67.00	120	104.00	121	154.00	17		
68.00	2123	105.00	19	155.00	45		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76750.D

Injection Date: 09-Jul-2020 03:47:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

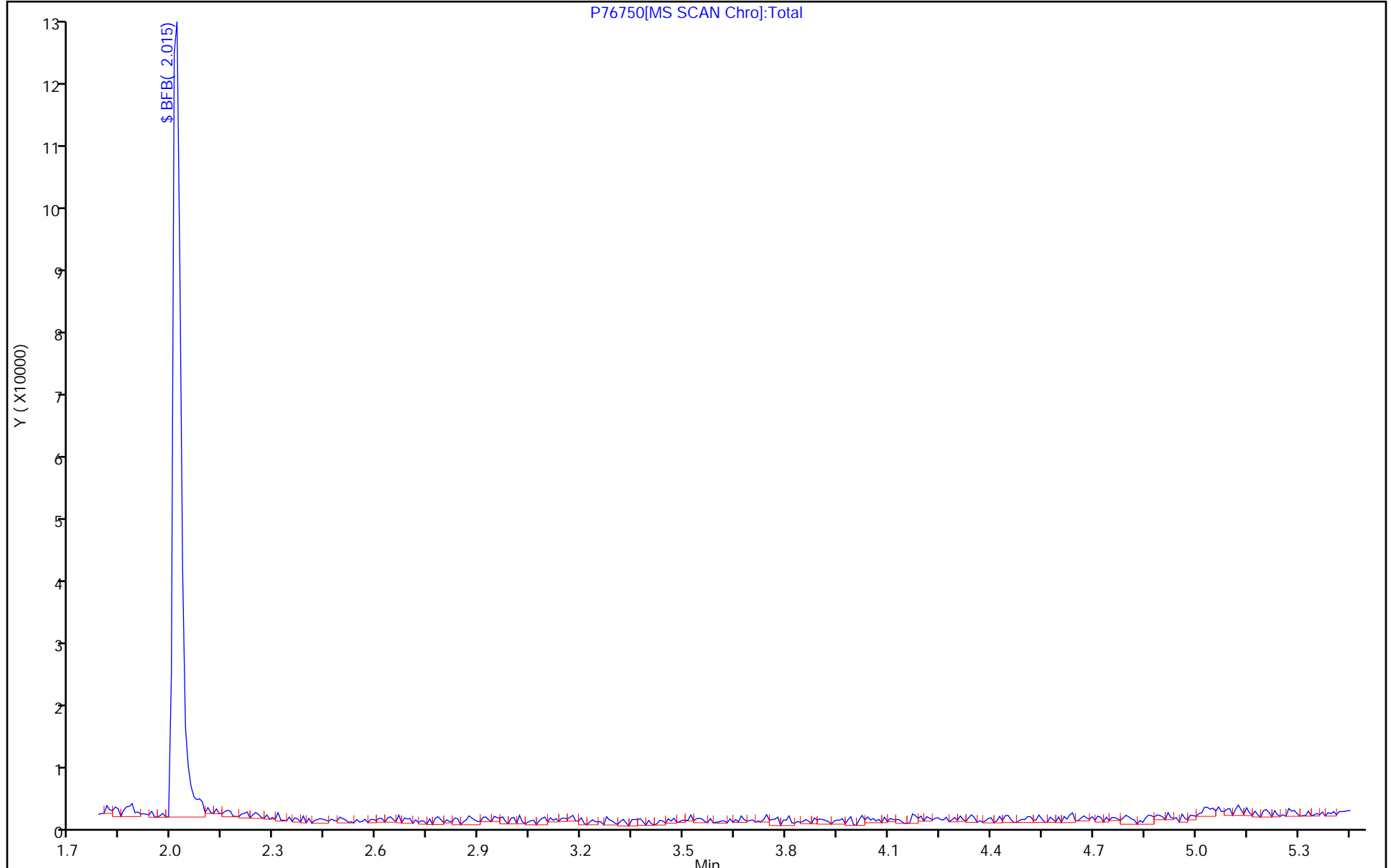
Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260W_13

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\CVOAMS13\20200828-115916.b\79024.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Aug-2020 08:24:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0115916-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Aug-2020 09:43:30 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc Date: 28-Aug-2020 07:33:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 143 BFB	95	2.007	2.007	0.000	94	28784	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\p79024.D

Injection Date: 28-Aug-2020 08:24:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

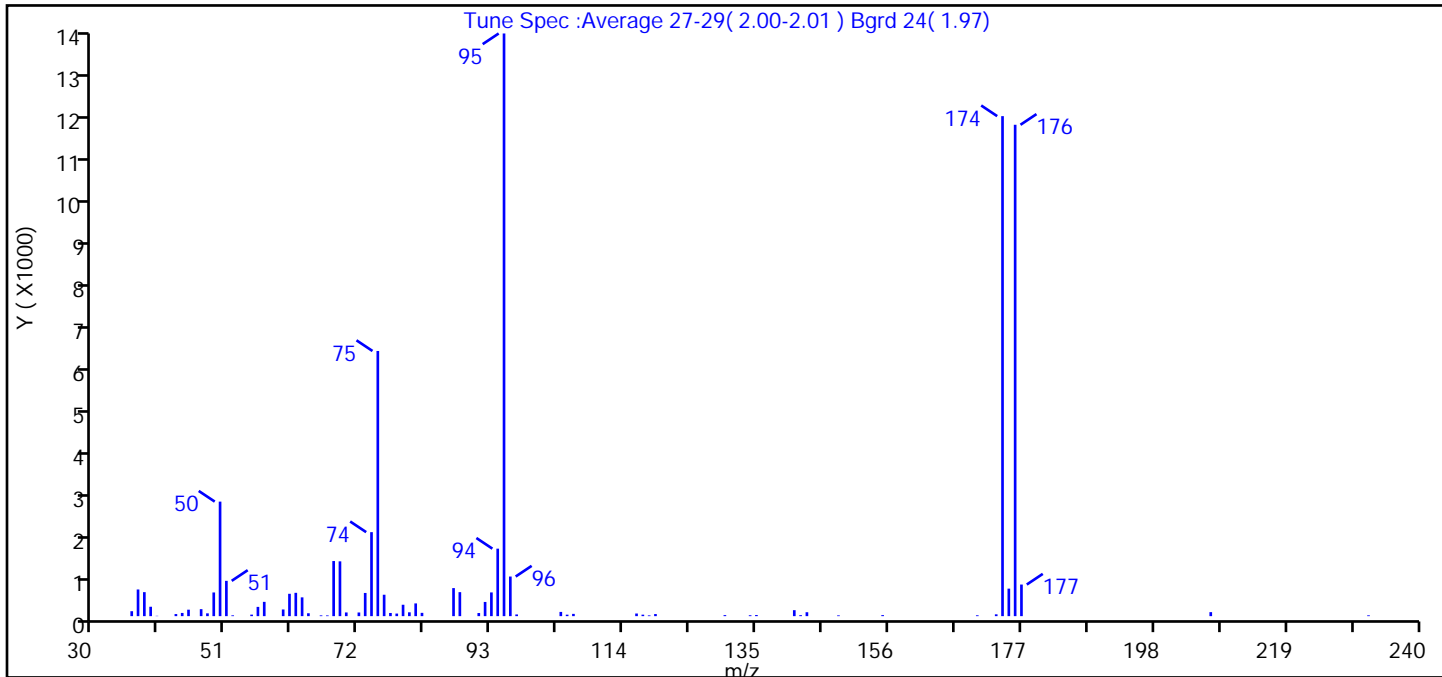
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	85.8
175	5 to 9% of m/z 174	4.7 (5.5)
176	Greater than 95% but less than 101% of m/z 174	84.3 (98.3)
177	5 to 9% of m/z 176	5.4 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\P79024.D\8260W_13.rsl\spectra.d
 Injection Date: 28-Aug-2020 08:24:30
 Spectrum: Tune Spec :Average 27-29(2.00-2.01) Bgrd 24(1.97)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	111	61.00	502	81.00	286	130.00	23
37.00	599	62.00	524	82.00	74	134.00	20
38.00	539	63.00	422	87.00	630	135.00	25
39.00	211	64.00	65	88.00	539	141.00	134
40.00	7	66.00	17	91.00	70	142.00	22
43.00	47	67.00	16	92.00	319	143.00	88
44.00	72	68.00	1238	93.00	533	148.00	17
45.00	145	69.00	1231	94.00	1516	155.00	23
47.00	157	70.00	83	95.00	13090	170.00	19
48.00	63	72.00	82	96.00	890	173.00	41
49.00	532	73.00	521	97.00	38	174.00	11233
50.00	2573	74.00	1887	104.00	95	175.00	618
51.00	793	75.00	5957	105.00	33	176.00	11039
52.00	18	76.00	481	106.00	51	177.00	710
55.00	34	77.00	71	116.00	59	207.00	90
56.00	208	78.00	58	117.00	33	232.00	18
57.00	321	79.00	256	118.00	17		
60.00	150	80.00	86	119.00	47		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79024.D

Injection Date: 28-Aug-2020 08:24:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

Dil. Factor: 1.0000

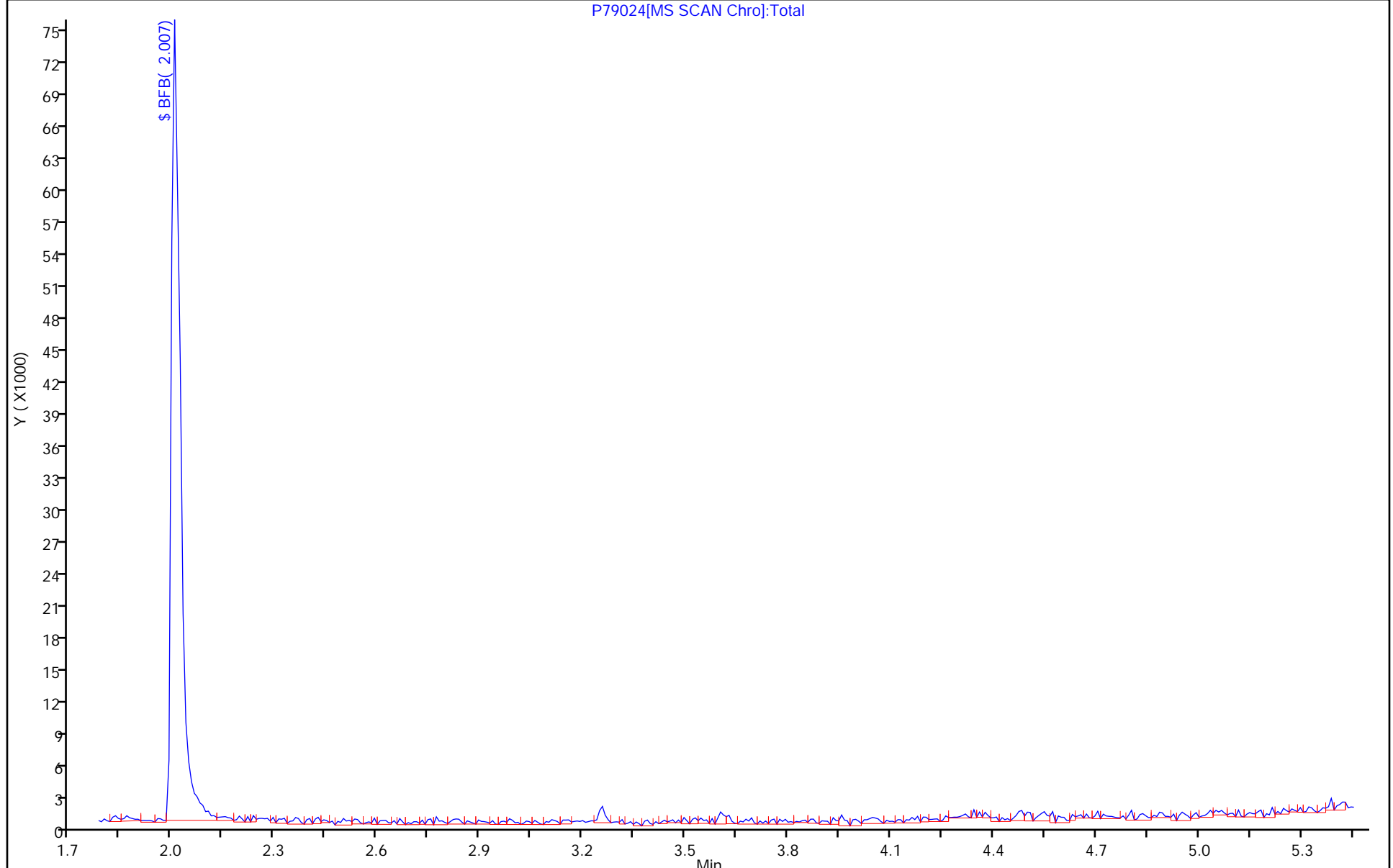
ALS Bottle#: 99

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

P79024[MS SCAN Chro]:Total



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\p79032.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Aug-2020 11:28:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0115916-009
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:55:09 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: xuyvo Date: 29-Aug-2020 12:55:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	155140	1000.0	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	97	135221	50.0	47.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	201243	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	138620	50.0	40.4	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	611944	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	20601	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.883	4.882	0.000	99	556039	50.0	52.7	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	434774	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	94	172875	50.0	49.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	247586	50.0	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

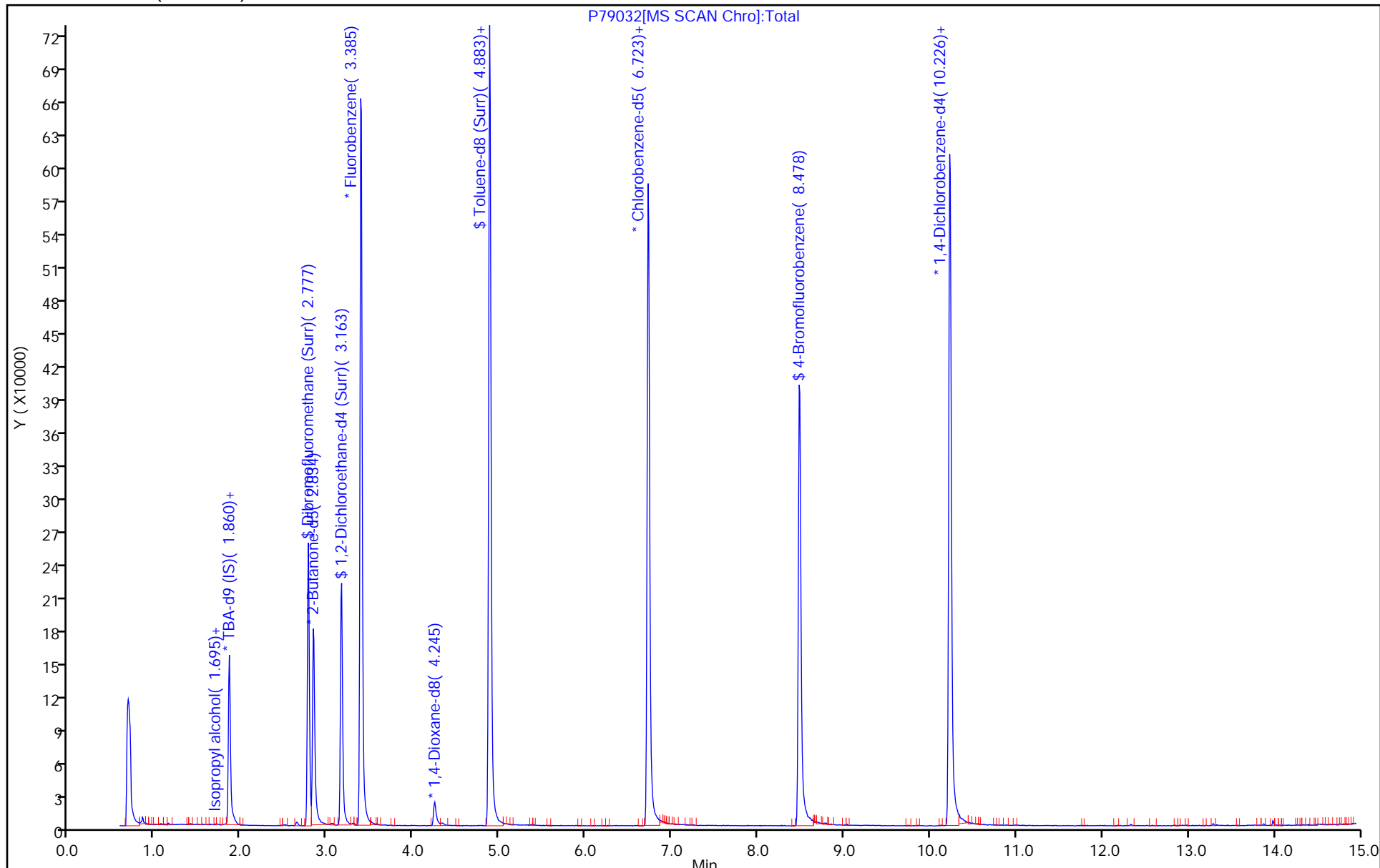
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

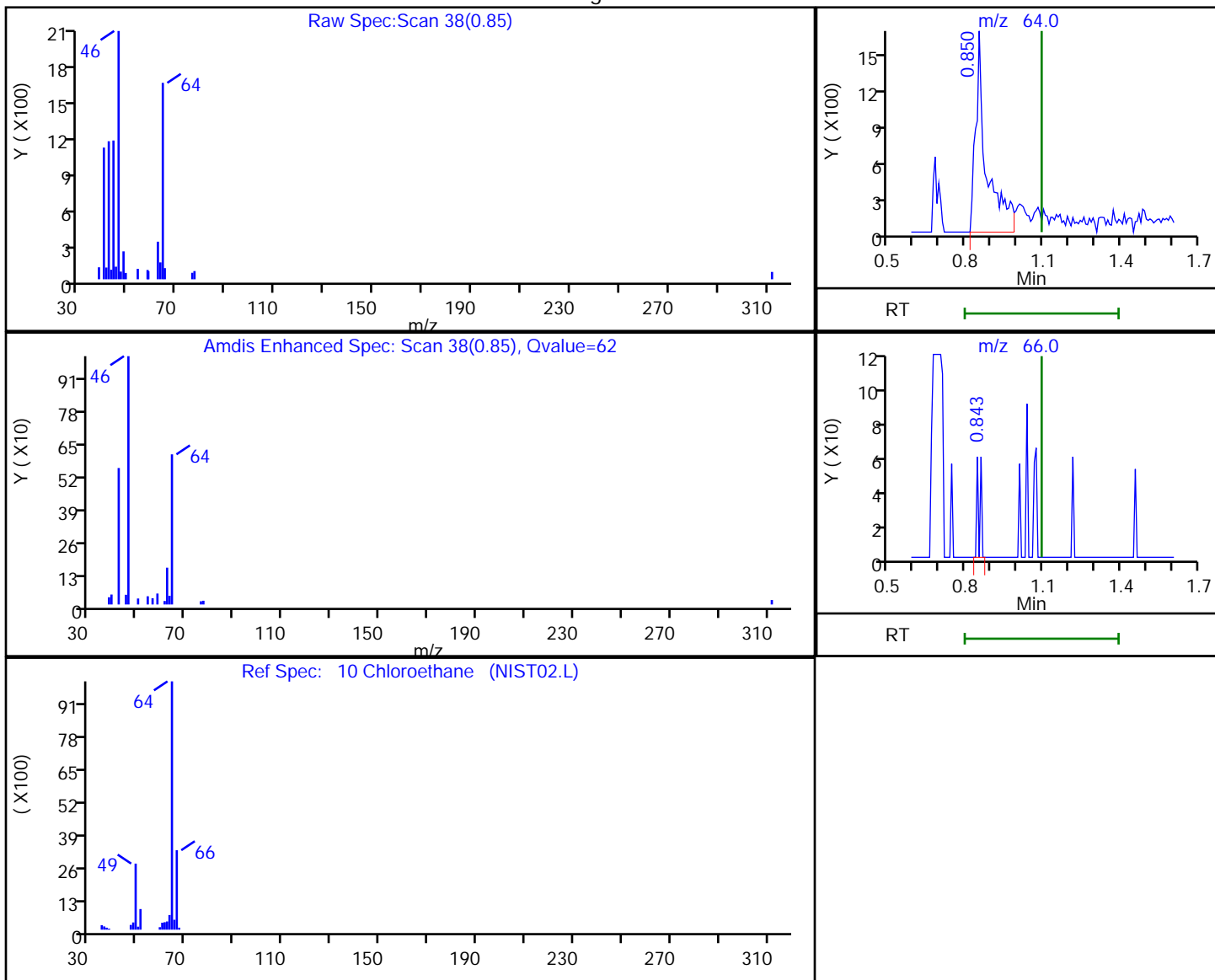
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.85	64.00	4720	1.211316
0.84	66.00	49	

Reviewer: moroneyc, 28-Aug-2020 11:04:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

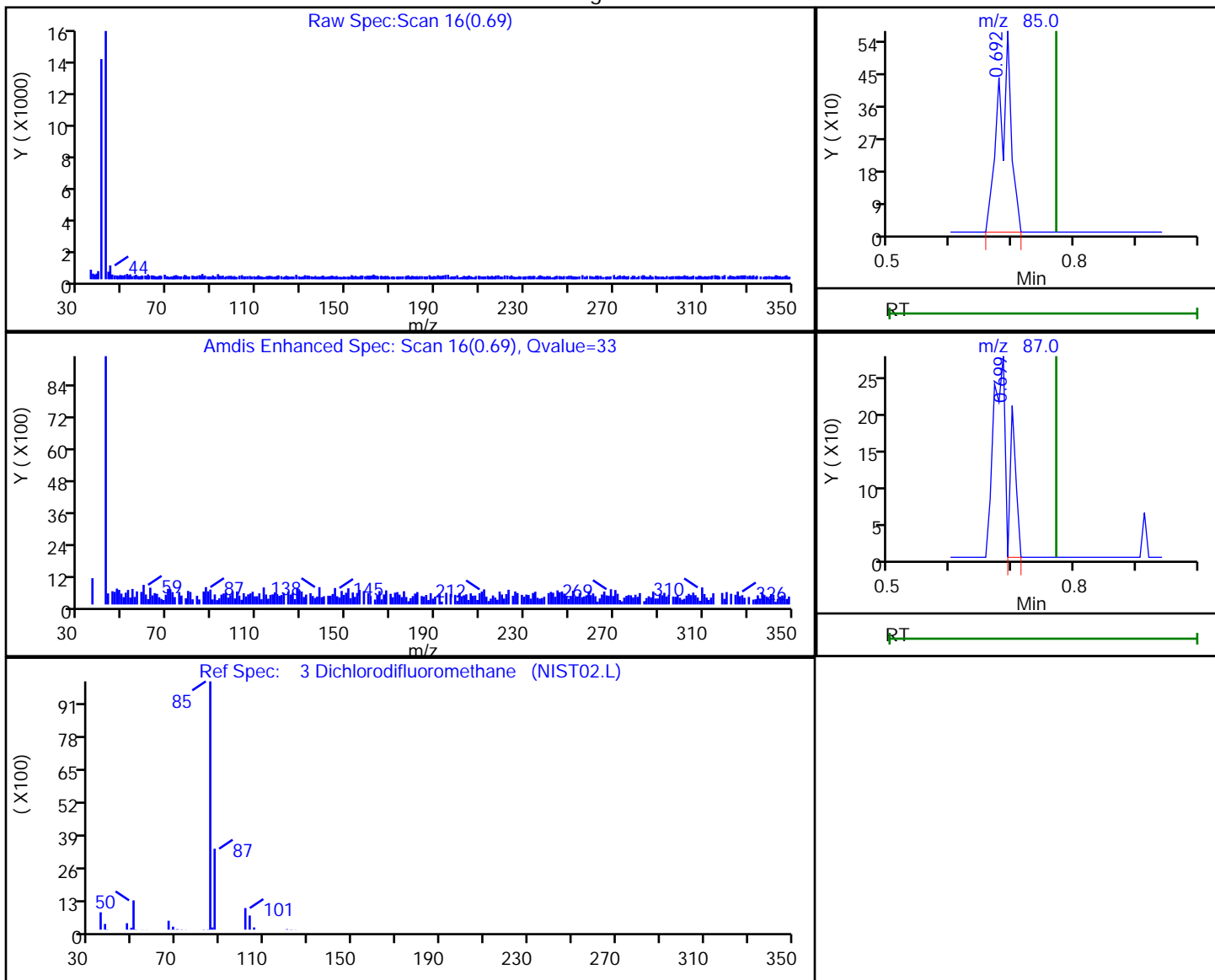
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.69	85.00	782	0.158042
0.70	87.00	131	

Reviewer: moroneyc, 28-Aug-2020 11:04:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

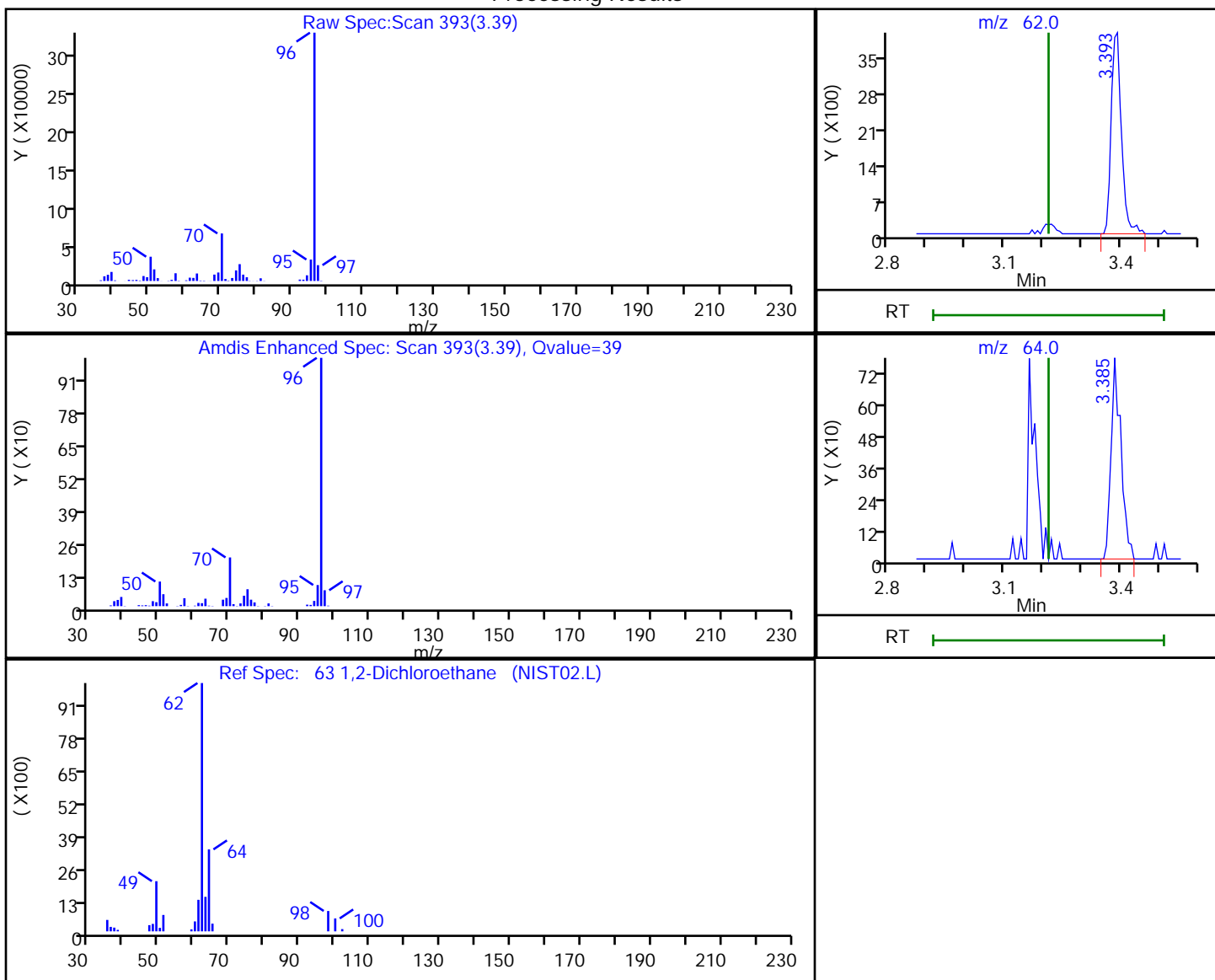
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.39	62.00	7345	1.726862
3.39	64.00	1385	

Reviewer: moroneyc, 28-Aug-2020 11:05:03

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.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-720234/4
 Matrix: Water Lab File ID: P79027.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 09:32
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	16.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.37
78-87-5	1,2-Dichloropropane	21.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.33
123-91-1	1,4-Dioxane	375		50	28
78-93-3	2-Butanone (MEK)	97.8		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	65.6		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	14.6		1.0	0.55
75-15-0	Carbon disulfide	15.9		1.0	0.82
56-23-5	Carbon tetrachloride	20.1		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
74-97-5	Chlorobromomethane	20.4		1.0	0.41
124-48-1	Chlorodibromomethane	19.5		1.0	0.28
75-00-3	Chloroethane	13.5		1.0	0.32
67-66-3	Chloroform	19.1		1.0	0.33
74-87-3	Chloromethane	17.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
110-82-7	Cyclohexane	24.0		1.0	0.32
75-27-4	Dichlorobromomethane	18.8		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.50
98-82-8	Isopropylbenzene	21.4		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-720234/4
 Matrix: Water Lab File ID: P79027.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 09:32
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	43.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	14.8		1.0	0.47
108-87-2	Methylcyclohexane	23.3		1.0	0.26
75-09-2	Methylene Chloride	16.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.30
95-47-6	o-Xylene	21.8		1.0	0.36
100-42-5	Styrene	21.5		1.0	0.42
127-18-4	Tetrachloroethene	20.4		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.49
79-01-6	Trichloroethene	21.0		1.0	0.31
75-69-4	Trichlorofluoromethane	13.9		1.0	0.32
75-01-4	Vinyl chloride	17.8		1.0	0.17
107-06-2	1,2-Dichloroethane	17.1		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79027.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Aug-2020 09:32:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0115916-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Aug-2020 09:43:32 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc

Date: 28-Aug-2020 09:42:05

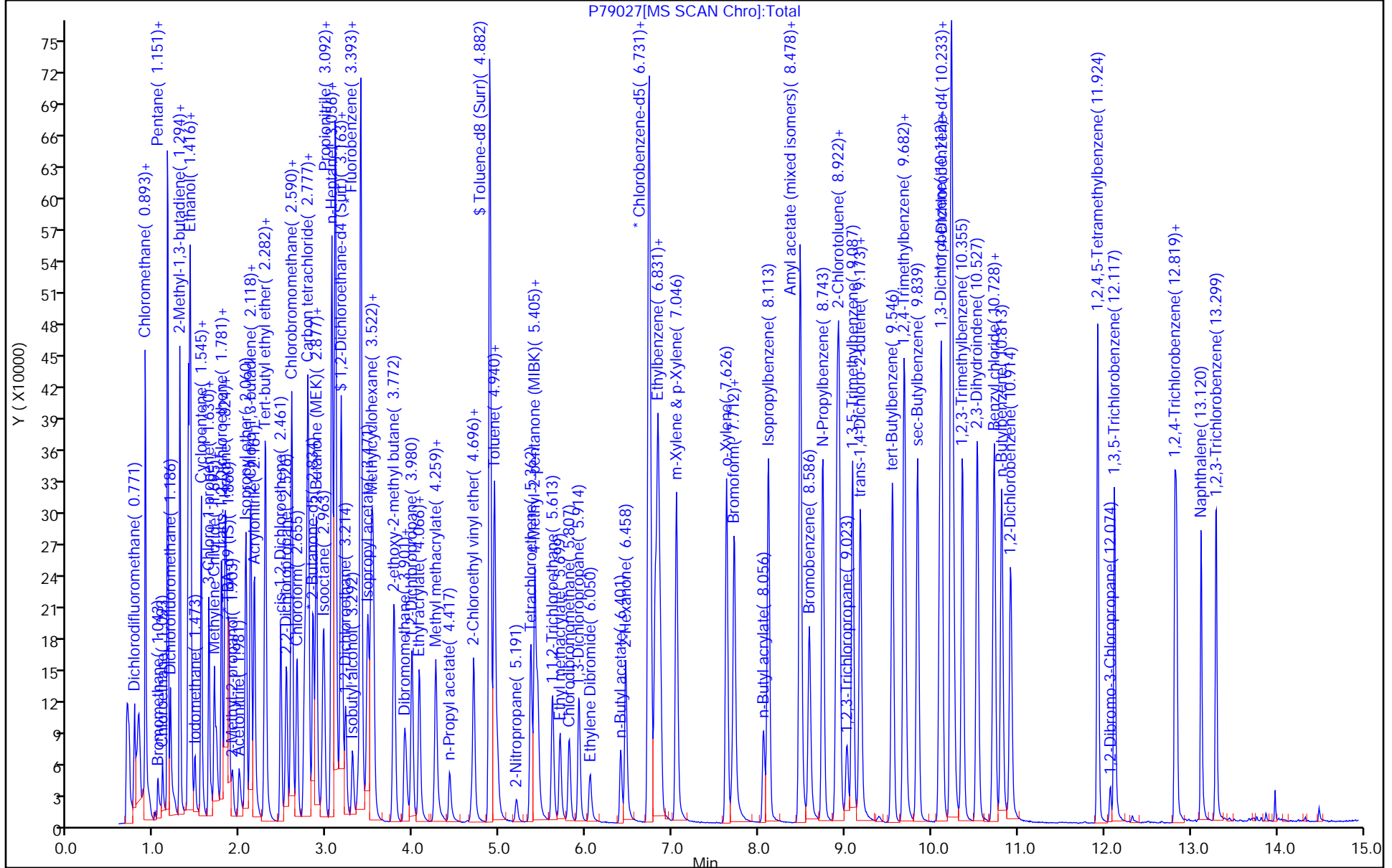
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	85020	20.0	17.2	
7 Vinyl chloride	62	0.893	0.893	0.000	63	82822	20.0	17.8	
8 Butadiene	54	0.893	0.893	0.000	92	77728	20.0	18.7	
6 Chloromethane	50	0.893	0.893	0.000	95	110701	20.0	17.8	
9 Bromomethane	94	1.043	1.036	0.007	99	30100	20.0	14.6	
10 Chloroethane	64	1.093	1.093	0.000	99	45695	20.0	13.5	
11 Pentane	72	1.151	1.151	0.000	97	23825	40.0	49.6	
12 Trichlorofluoromethane	101	1.158	1.151	0.007	56	82528	20.0	13.9	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	103494	20.0	14.4	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	96	99386	20.0	16.4	
15 Ethyl ether	59	1.301	1.301	0.000	93	46219	20.0	14.2	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	98	57709	20.0	16.7	
19 Carbon disulfide	76	1.408	1.408	0.000	99	204471	20.0	15.9	
16 Ethanol	46	1.408	1.408	0.000	25	10671	800.0	841.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.416	1.416	0.000	91	59576	20.0	17.1	
22 Iodomethane	142	1.473	1.466	0.007	96	52149	20.0	12.5	
23 Cyclopentene	67	1.545	1.544	0.000	96	164047	20.0	17.1	
24 Acrolein	56	1.566	1.559	0.007	94	9438	40.0	40.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	95	36116	20.0	16.8	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	23748	200.0	197.6	
27 Methylene Chloride	84	1.695	1.695	0.000	90	67895	20.0	16.2	
28 Acetone	43	1.716	1.716	0.000	89	49579	100.0	65.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	65681	20.0	17.1	
30 Methyl acetate	43	1.788	1.781	0.007	99	56056	40.0	43.7	
31 Hexane	86	1.817	1.817	0.000	93	17373	20.0	19.6	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	89	143610	20.0	14.8	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	157811	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	0.000	100	36943	200.0	206.9	
35 Acetonitrile	41	1.981	1.981	0.000	100	60111	200.0	252.6	
36 Isopropyl ether	45	2.060	2.060	0.000	98	214873	20.0	20.9	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	90	60552	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.125	2.125	0.000	99	119359	20.0	20.0	
39 Acrylonitrile	53	2.161	2.153	0.008	95	173753	200.0	177.9	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	89	178681	20.0	18.9	
41 Vinyl acetate	43	2.289	2.289	0.000	100	231278	40.0	37.5	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	72185	20.0	20.5	
43 2,2-Dichloropropane	77	2.533	2.526	0.007	97	84274	20.0	20.3	
44 Cyclohexane	56	2.590	2.590	0.000	91	127503	20.0	24.0	
45 Chlorobromomethane	128	2.590	2.590	0.000	91	32766	20.0	20.4	
46 Chloroform	83	2.655	2.648	0.007	99	107789	20.0	19.1	
47 Carbon tetrachloride	117	2.734	2.734	0.000	98	70853	20.0	20.1	
48 Ethyl acetate	70	2.755	2.748	0.007	99	10427	40.0	39.8	
49 Methyl acrylate	55	2.755	2.755	0.000	99	39485	20.0	18.1	
50 Tetrahydrofuran	42	2.762	2.755	0.007	96	35268	40.0	39.5	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	137328	50.0	48.1	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	87650	20.0	19.2	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	212628	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	100	27478	100.0	97.8	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	98	93688	20.0	20.3	
56 Isooctane	57	2.963	2.963	0.000	99	199616	20.0	25.5	
57 n-Heptane	57	3.049	3.049	0.000	96	49613	20.0	25.3	
58 Benzene	78	3.056	3.056	0.000	97	277870	20.0	20.5	
59 Propionitrile	54	3.077	3.077	0.000	95	63791	200.0	254.1	
60 Methacrylonitrile	67	3.099	3.092	0.007	92	200364	200.0	179.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	144656	50.0	42.2	
62 Tert-amyl methyl ether	73	3.171	3.170	0.001	99	147690	20.0	18.7	
63 1,2-Dichloroethane	62	3.214	3.213	0.001	96	72679	20.0	17.1	
64 Isobutyl alcohol	43	3.292	3.292	0.000	97	40762	500.0	694.7	
65 t-Amyl alcohol	59	3.364	3.357	0.007	93	25728	200.0	267.0	
* 66 Fluorobenzene	96	3.393	3.393	0.000	99	611427	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	90570	20.0	18.8	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	116139	20.0	23.3	
69 Trichloroethene	130	3.536	3.536	0.000	97	68674	20.0	21.0	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	132901	20.0	19.2	
71 Dibromomethane	93	3.894	3.894	0.000	96	32833	20.0	17.8	
72 n-Butanol	56	3.915	3.915	0.000	91	23974	500.0	613.3	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	91	67798	20.0	21.0	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	75763	20.0	18.8	
74 Ethyl acrylate	55	4.073	4.066	0.007	98	51583	20.0	18.9	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	82	21910	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	92	22518	40.0	35.7	
78 1,4-Dioxane	88	4.266	4.266	0.000	35	10923	400.0	374.7	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	58639	20.0	19.1	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	97	15090	20.0	39.6	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	93	93635	20.0	20.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	541370	50.0	50.2	
83 Toluene	91	4.940	4.940	0.000	92	273982	20.0	19.8	
84 Epichlorohydrin	57	4.976	4.976	0.000	99	57415	400.0	502.4	
85 2-Nitropropane	41	5.198	5.190	0.008	96	16072	40.0	28.2	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	66037	20.0	20.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	195862	100.0	105.9	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	80291	20.0	19.4	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	96	41074	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	57869	20.0	18.8	
91 Chlorodibromomethane	129	5.807	5.806	0.001	98	51870	20.0	19.5	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	86783	20.0	19.3	
93 Ethylene Dibromide	107	6.043	6.043	0.000	98	47112	20.0	19.5	
94 n-Butyl acetate	43	6.401	6.401	0.000	98	57754	20.0	17.0	
95 2-Hexanone	43	6.458	6.458	0.000	96	139014	100.0	101.1	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	444916	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	179245	20.0	20.6	
98 Ethylbenzene	106	6.831	6.831	0.000	98	100272	20.0	20.9	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	53766	20.0	19.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	121221	20.0	21.0	
101 o-Xylene	106	7.626	7.626	0.000	95	117322	20.0	21.8	
102 Bromoform	173	7.698	7.698	0.000	96	29555	20.0	19.9	
103 Styrene	104	7.719	7.719	0.000	97	188386	20.0	21.5	
104 n-Butyl acrylate	73	8.056	8.056	0.000	98	33707	20.0	19.0	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	310090	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	91	79439	20.0	17.4	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	187520	50.0	52.7	
108 Bromobenzene	156	8.586	8.586	0.000	97	77681	20.0	19.2	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	378011	20.0	20.0	
110 1,1,1,2-Tetrachloroethane	83	8.894	8.894	0.000	96	57954	20.0	17.5	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	250635	20.0	18.9	
112 4-Ethyltoluene	105	8.930	8.930	0.000	98	314386	20.0	19.9	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	16188	20.0	17.4	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	254339	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	53	9.159	9.166	-0.007	65	14038	20.0	16.0	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	226796	20.0	19.2	
117 tert-Butylbenzene	119	9.546	9.546	0.000	95	224378	20.0	20.6	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	261393	20.0	19.6	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	72737	20.0	19.4	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	342321	20.0	20.1	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	152942	20.0	19.9	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	287442	20.0	20.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	264843	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.248	0.000	96	160312	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	272081	20.0	19.4	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	271234	20.0	19.5	
127 Benzyl chloride	126	10.713	10.713	0.000	97	19723	20.0	21.6	
128 p-Diethylbenzene	119	10.728	10.727	0.001	94	147839	20.0	20.9	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	265346	20.0	20.1	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	147717	20.0	19.2	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	265351	20.0	20.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	93	10877	20.0	17.8	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	119236	20.0	20.2	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	103171	20.0	20.1	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	41627	20.0	21.8	
136 Naphthalene	128	13.120	13.127	-0.007	100	205838	20.0	19.8	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	88800	20.0	18.4	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	42.8	
S 142 Total BTEX	1				0		100.0	104.0	

Reagents:

GASES Li_00383	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MS Lab Sample ID: 460-216635-1 MS
 Matrix: Water Lab File ID: P79036.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 13:01
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.3		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.2		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	20.7		1.0	0.26
75-35-4	1,1-Dichloroethene	17.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	17.5		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.37
78-87-5	1,2-Dichloropropane	22.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.4		1.0	0.33
123-91-1	1,4-Dioxane	317		50	28
78-93-3	2-Butanone (MEK)	100		5.0	1.9
591-78-6	2-Hexanone	102		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	113		5.0	1.3
67-64-1	Acetone	64.1		5.0	4.4
71-43-2	Benzene	21.5		1.0	0.20
75-25-2	Bromoform	19.8		1.0	0.54
74-83-9	Bromomethane	17.7		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	21.1		1.0	0.21
108-90-7	Chlorobenzene	22.4		1.0	0.38
74-97-5	Chlorobromomethane	20.8		1.0	0.41
124-48-1	Chlorodibromomethane	19.9		1.0	0.28
75-00-3	Chloroethane	14.6		1.0	0.32
67-66-3	Chloroform	19.8		1.0	0.33
74-87-3	Chloromethane	18.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.22
110-82-7	Cyclohexane	25.1		1.0	0.32
75-27-4	Dichlorobromomethane	19.0		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.0		1.0	0.31
100-41-4	Ethylbenzene	21.4		1.0	0.30
106-93-4	Ethylene Dibromide	19.0		1.0	0.50
98-82-8	Isopropylbenzene	22.3		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MS Lab Sample ID: 460-216635-1 MS
 Matrix: Water Lab File ID: P79036.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 13:01
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	46.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	14.5		1.0	0.47
108-87-2	Methylcyclohexane	24.9		1.0	0.26
75-09-2	Methylene Chloride	16.7		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.9		1.0	0.30
95-47-6	o-Xylene	22.2		1.0	0.36
100-42-5	Styrene	22.5		1.0	0.42
127-18-4	Tetrachloroethene	22.0		1.0	0.25
108-88-3	Toluene	21.2		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.49
79-01-6	Trichloroethene	22.9		1.0	0.31
75-69-4	Trichlorofluoromethane	14.8		1.0	0.32
75-01-4	Vinyl chloride	19.0		1.0	0.17
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	16.0		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-123
460-00-4	4-Bromofluorobenzene	103		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79036.D
 Lims ID: 460-216635-B-1 MS
 Client ID: DEC2D1_20200818
 Sample Type: MS
 Inject. Date: 28-Aug-2020 13:01:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-1 MS
 Misc. Info.: 460-0115916-013
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:58:21 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 18:48:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.735	0.678	0.057	28	1768		8.73	a
2 Chlorotrifluoroethene	116	0.764	0.757	0.007	85	20138		21.7	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	89424	20.0	18.0	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	96	36888		20.4	
5 Chlorodifluoromethane	67	0.828	0.821	0.007	96	12209		17.8	a
7 Vinyl chloride	62	0.893	0.893	0.000	62	88707	20.0	19.0	
8 Butadiene	54	0.893	0.893	0.000	92	81115	20.0	19.4	
6 Chloromethane	50	0.893	0.893	0.000	74	117286	20.0	18.8	
9 Bromomethane	94	1.036	1.036	0.000	99	33283	20.0	17.7	
10 Chloroethane	64	1.093	1.093	0.000	100	49515	20.0	14.6	
11 Pentane	72	1.150	1.151	-0.001	97	25966	40.0	61.1	
12 Trichlorofluoromethane	101	1.150	1.151	-0.001	56	88425	20.0	14.8	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	112341	20.0	15.6	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	97	103064	20.0	16.9	
15 Ethyl ether	59	1.301	1.301	0.000	95	45951	20.0	14.1	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.394	1.387	0.007	86	92976		17.6	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	97	61859	20.0	17.8	
19 Carbon disulfide	76	1.408	1.408	0.000	99	219255	20.0	17.0	
16 Ethanol	46	1.408	1.408	0.000	24	9800	800.0	873.8	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.415	1.416	-0.001	93	63398	20.0	18.2	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.423	1.423	0.000	95	94380		17.2	
22 Iodomethane	142	1.473	1.466	0.007	96	52080	20.0	12.4	
23 Cyclopentene	67	1.544	1.544	0.000	96	171121	20.0	17.7	
24 Acrolein	56	1.566	1.559	0.007	96	8810	40.0	43.1	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	36755	20.0	17.0	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	22085	200.0	207.6	
27 Methylene Chloride	84	1.695	1.695	0.000	92	70347	20.0	16.7	
28 Acetone	43	1.716	1.716	0.000	87	44368	100.0	64.1	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	68452	20.0	17.7	
30 Methyl acetate	43	1.788	1.781	0.007	98	53297	40.0	46.9	
31 Hexane	86	1.817	1.817	0.000	89	17560	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	90	140423	20.0	14.5	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	139638	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	-0.001	100	31691	200.0	200.6	
35 Acetonitrile	41	1.981	1.981	0.000	97	60819	200.0	288.9	
36 Isopropyl ether	45	2.060	2.060	0.000	97	220635	20.0	21.4	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	89	63656	20.0	21.5	
38 1,1-Dichloroethane	63	2.117	2.125	-0.008	99	124257	20.0	20.7	
39 Acrylonitrile	53	2.153	2.153	0.000	94	169058	200.0	172.6	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	89	177923	20.0	18.8	
41 Vinyl acetate	43	2.289	2.289	0.000	100	221962	40.0	35.9	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	72103	20.0	20.4	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	85669	20.0	20.6	
44 Cyclohexane	56	2.590	2.590	0.000	92	134116	20.0	25.1	
45 Chlorobromomethane	128	2.590	2.590	0.000	93	33493	20.0	20.8	
46 Chloroform	83	2.655	2.648	0.007	99	112566	20.0	19.8	
47 Carbon tetrachloride	117	2.733	2.734	-0.001	98	74742	20.0	21.1	
48 Ethyl acetate	70	2.748	2.748	0.000	97	9862	40.0	41.1	
49 Methyl acrylate	55	2.755	2.755	0.000	77	39016	20.0	17.9	
50 Tetrahydrofuran	42	2.762	2.755	0.007	95	34582	40.0	42.3	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	134421	50.0	46.9	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	99	92560	20.0	20.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	194784	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	100	25789	100.0	100.2	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	97	98533	20.0	21.3	
56 Isooctane	57	2.955	2.963	-0.008	99	207279	20.0	26.4	
57 n-Heptane	57	3.049	3.049	0.000	90	49594	20.0	25.2	
58 Benzene	78	3.056	3.056	0.000	96	291339	20.0	21.5	
59 Propionitrile	54	3.077	3.077	0.000	94	59945	200.0	269.9	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	190143	200.0	170.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	142414	50.0	41.4	
62 Tert-amyl methyl ether	73	3.170	3.170	0.000	98	148392	20.0	18.8	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	77507	20.0	18.2	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	33633	500.0	647.8	
65 t-Amyl alcohol	59	3.357	3.357	0.000	93	22173	200.0	260.1	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	613304	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	100	86505	20.0	17.9	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	124524	20.0	24.9	
69 Trichloroethene	130	3.536	3.536	0.000	97	74921	20.0	22.9	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	94	138472	20.0	19.9	
71 Dibromomethane	93	3.894	3.894	0.000	95	32219	20.0	17.4	
72 n-Butanol	56	3.915	3.915	0.000	89	19631	500.0	567.8	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	93	71402	20.0	22.0	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	76872	20.0	19.0	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	48666	20.0	17.8	
* 76 1,4-Dioxane-d8	96	4.238	4.245	-0.007	86	20430	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	90	22443	40.0	35.5	
78 1,4-Dioxane	88	4.273	4.266	0.007	39	8609	400.0	316.7	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	52769	20.0	17.2	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	93247	20.0	19.9	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	556291	50.0	51.4	
83 Toluene	91	4.940	4.940	0.000	93	293801	20.0	21.2	
84 Epichlorohydrin	57	4.975	4.976	-0.001	99	42424	400.0	405.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.190	5.190	0.000	97	14586	40.0	25.6	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	71462	20.0	22.0	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	190839	100.0	112.6	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	97	79875	20.0	19.2	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	96	41246	20.0	18.7	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	52417	20.0	17.0	
91 Chlorodibromomethane	129	5.806	5.806	0.000	98	53013	20.0	19.9	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	95	86732	20.0	19.3	
93 Ethylene Dibromide	107	6.043	6.043	0.000	99	46049	20.0	19.0	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	52038	20.0	15.3	
95 2-Hexanone	43	6.458	6.458	0.000	96	128742	100.0	102.2	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	445924	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	194697	20.0	22.4	
98 Ethylbenzene	106	6.831	6.831	0.000	98	103113	20.0	21.4	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	94	57609	20.0	21.3	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	126913	20.0	21.9	
101 o-Xylene	106	7.626	7.626	0.000	95	119634	20.0	22.2	
102 Bromoform	173	7.690	7.698	-0.008	96	29338	20.0	19.8	
103 Styrene	104	7.719	7.719	0.000	96	197351	20.0	22.5	
104 n-Butyl acrylate	73	8.056	8.056	0.000	97	31163	20.0	17.6	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	324126	20.0	22.3	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	90	74670	20.0	16.4	
\$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	93	184544	50.0	51.7	
108 Bromobenzene	156	8.586	8.586	0.000	97	79215	20.0	19.5	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	387349	20.0	20.4	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	58813	20.0	17.8	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	259228	20.0	19.6	
112 4-Ethyltoluene	105	8.929	8.930	-0.001	98	325153	20.0	20.6	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	15930	20.0	17.1	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	267808	20.0	20.4	
115 trans-1,4-Dichloro-2-butene	53	9.159	9.166	-0.007	40	13437	20.0	15.3	a
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	238399	20.0	20.2	
117 tert-Butylbenzene	119	9.545	9.546	-0.001	95	234101	20.0	21.5	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	275728	20.0	20.6	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	71228	20.0	19.0	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	358749	20.0	21.1	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	158556	20.0	20.6	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	299409	20.0	21.5	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	265030	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.248	-0.001	96	163099	20.0	19.4	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	281574	20.0	20.1	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	95	279613	20.0	20.1	
127 Benzyl chloride	126	10.713	10.713	0.000	97	18256	20.0	20.0	
128 p-Diethylbenzene	119	10.727	10.727	0.000	93	152934	20.0	21.6	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	276247	20.0	20.9	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	152211	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	271530	20.0	21.0	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	93	9793	20.0	16.0	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	119706	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	99904	20.0	19.4	
135 Hexachlorobutadiene	225	12.840	12.841	-0.001	97	41914	20.0	21.9	
136 Naphthalene	128	13.127	13.127	0.000	100	180115	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	84626	20.0	17.5	
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.1	
S 140 Xylenes, Total	100				0		40.0	44.2	
S 142 Total BTEX	1				0		100.0	108.2	

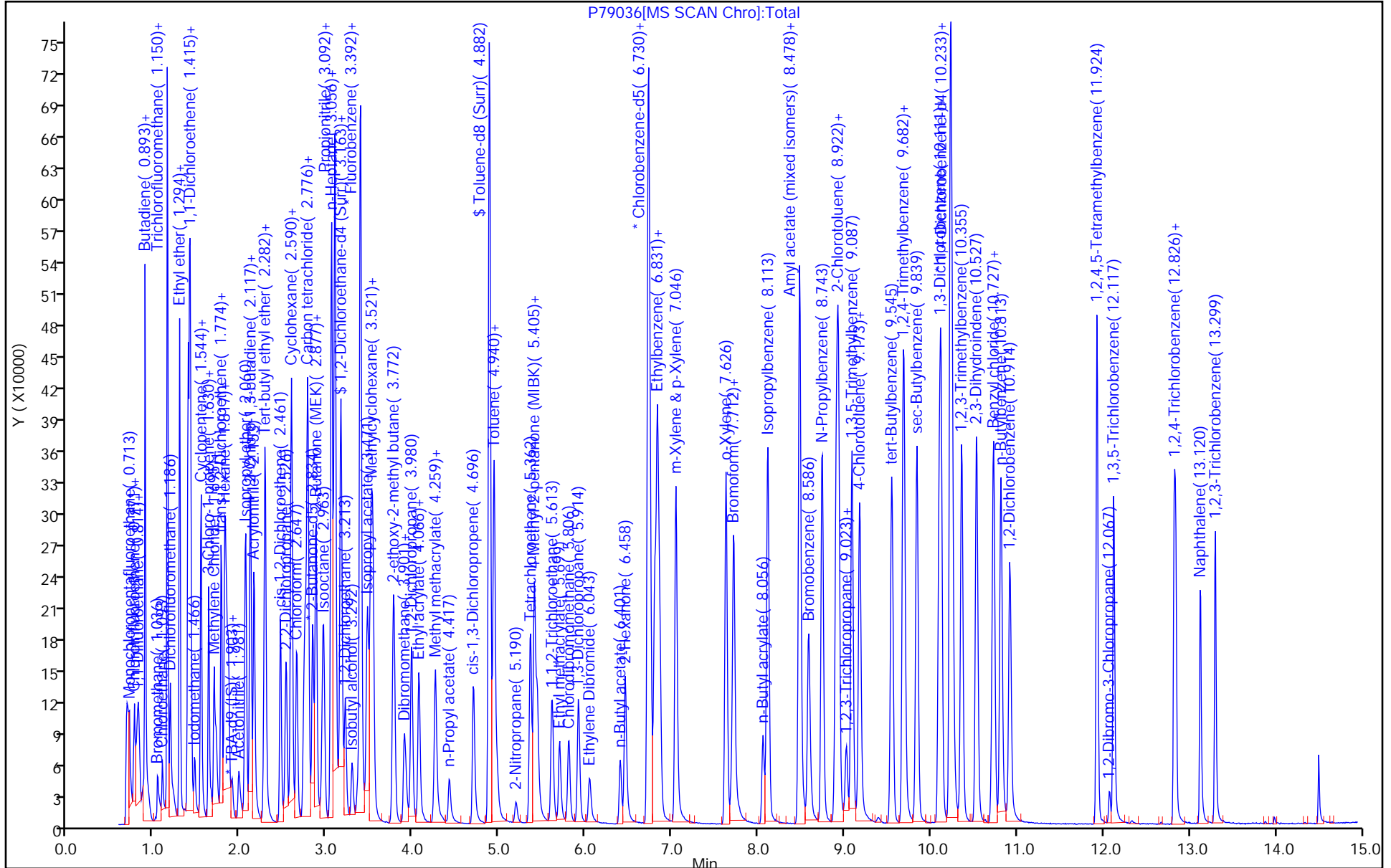
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00383	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MSD Lab Sample ID: 460-216635-1 MSD
 Matrix: Water Lab File ID: P79037.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	18.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.43
75-34-3	1,1-Dichloroethane	20.3		1.0	0.26
75-35-4	1,1-Dichloroethene	17.8		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	19.3		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.37
78-87-5	1,2-Dichloropropane	21.5		1.0	0.35
541-73-1	1,3-Dichlorobenzene	20.8		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.7		1.0	0.33
123-91-1	1,4-Dioxane	369		50	28
78-93-3	2-Butanone (MEK)	100		5.0	1.9
591-78-6	2-Hexanone	99.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	107		5.0	1.3
67-64-1	Acetone	65.5		5.0	4.4
71-43-2	Benzene	21.5		1.0	0.20
75-25-2	Bromoform	19.5		1.0	0.54
74-83-9	Bromomethane	18.2		1.0	0.55
75-15-0	Carbon disulfide	17.0		1.0	0.82
56-23-5	Carbon tetrachloride	20.9		1.0	0.21
108-90-7	Chlorobenzene	21.0		1.0	0.38
74-97-5	Chlorobromomethane	20.2		1.0	0.41
124-48-1	Chlorodibromomethane	19.0		1.0	0.28
75-00-3	Chloroethane	15.2		1.0	0.32
67-66-3	Chloroform	19.6		1.0	0.33
74-87-3	Chloromethane	20.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.22
110-82-7	Cyclohexane	24.8		1.0	0.32
75-27-4	Dichlorobromomethane	18.5		1.0	0.34
75-71-8	Dichlorodifluoromethane	18.6		1.0	0.31
100-41-4	Ethylbenzene	21.1		1.0	0.30
106-93-4	Ethylene Dibromide	18.5		1.0	0.50
98-82-8	Isopropylbenzene	22.2		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MSD Lab Sample ID: 460-216635-1 MSD
 Matrix: Water Lab File ID: P79037.D
 Analysis Method: 8260C Date Collected: 08/18/2020 14:12
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 13:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	43.9		5.0	0.79
1634-04-4	Methyl tert-butyl ether	14.4		1.0	0.47
108-87-2	Methylcyclohexane	24.3		1.0	0.26
75-09-2	Methylene Chloride	16.5		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.5		1.0	0.30
95-47-6	o-Xylene	22.4		1.0	0.36
100-42-5	Styrene	22.1		1.0	0.42
127-18-4	Tetrachloroethene	21.6		1.0	0.25
108-88-3	Toluene	21.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.49
79-01-6	Trichloroethene	22.5		1.0	0.31
75-69-4	Trichlorofluoromethane	15.4		1.0	0.32
75-01-4	Vinyl chloride	20.2		1.0	0.17
107-06-2	1,2-Dichloroethane	17.0		1.0	0.43
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	16.6		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		75-123
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79037.D
 Lims ID: 460-216635-B-1 MSD
 Client ID: DEC2D1_20200818
 Sample Type: MSD
 Inject. Date: 28-Aug-2020 13:24:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216635-B-1 MSD
 Misc. Info.: 460-0115916-014
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:59:24 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 18:47:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.742	0.678	0.064	68	2582		12.9	a
2 Chlorotrifluoroethene	116	0.764	0.757	0.007	85	17456		19.1	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	90921	20.0	18.6	
4 1,1-Difluoroethane	65	0.814	0.807	0.007	93	36523		20.5	
5 Chlorodifluoromethane	67	0.828	0.821	0.007	96	11738		17.3	a
7 Vinyl chloride	62	0.893	0.893	-0.001	63	92755	20.0	20.2	
8 Butadiene	54	0.893	0.893	-0.001	92	84094	20.0	20.4	
6 Chloromethane	50	0.893	0.893	-0.001	73	124496	20.0	20.3	
9 Bromomethane	94	1.043	1.036	0.007	98	34852	20.0	18.2	
10 Chloroethane	64	1.093	1.093	0.000	99	50880	20.0	15.2	
11 Pentane	72	1.150	1.151	-0.001	96	25379	40.0	59.1	
12 Trichlorofluoromethane	101	1.158	1.151	0.007	58	90674	20.0	15.4	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	115972	20.0	16.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	96	102830	20.0	17.1	
15 Ethyl ether	59	1.301	1.301	0.000	92	44853	20.0	13.9	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.394	1.387	0.007	75	89933		17.2	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	97	60799	20.0	17.8	
19 Carbon disulfide	76	1.408	1.408	0.000	99	215410	20.0	17.0	
16 Ethanol	46	1.408	1.408	0.000	24	9761	800.0	860.9	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.415	1.416	-0.001	93	61777	20.0	18.0	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.423	1.423	0.000	96	93628		17.3	
22 Iodomethane	142	1.473	1.466	0.007	96	54754	20.0	13.3	
23 Cyclopentene	67	1.544	1.544	0.000	96	169091	20.0	17.8	
24 Acrolein	56	1.566	1.559	0.007	97	8167	40.0	39.5	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	36821	20.0	17.3	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	22201	200.0	206.5	
27 Methylene Chloride	84	1.695	1.695	0.000	91	68396	20.0	16.5	
28 Acetone	43	1.716	1.716	0.000	86	46290	100.0	65.5	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	67389	20.0	17.7	
30 Methyl acetate	43	1.788	1.781	0.007	99	50409	40.0	43.9	
31 Hexane	86	1.817	1.817	0.000	90	18293	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	89	137438	20.0	14.4	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	141154	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	-0.001	99	34067	200.0	213.3	
35 Acetonitrile	41	1.981	1.981	0.000	99	57842	200.0	271.8	
36 Isopropyl ether	45	2.060	2.060	0.000	98	213926	20.0	21.0	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	90	62026	20.0	21.2	
38 1,1-Dichloroethane	63	2.125	2.125	0.000	100	119850	20.0	20.3	
39 Acrylonitrile	53	2.160	2.153	0.007	93	163282	200.0	169.2	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	89	173656	20.0	18.6	
41 Vinyl acetate	43	2.289	2.289	0.000	100	216845	40.0	35.6	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	73004	20.0	21.0	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	84783	20.0	20.7	
44 Cyclohexane	56	2.590	2.590	0.000	92	130189	20.0	24.8	
45 Chlorobromomethane	128	2.597	2.590	0.007	90	32088	20.0	20.2	
46 Chloroform	83	2.655	2.648	0.007	99	109730	20.0	19.6	
47 Carbon tetrachloride	117	2.741	2.734	0.007	98	72832	20.0	20.9	
48 Ethyl acetate	70	2.748	2.748	0.000	98	9598	40.0	39.1	
49 Methyl acrylate	55	2.755	2.755	0.000	97	37080	20.0	17.2	
50 Tetrahydrofuran	42	2.762	2.755	0.007	96	33501	40.0	40.1	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	133148	50.0	47.1	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	88404	20.0	19.6	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	198931	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	99	26371	100.0	100.4	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	97	95667	20.0	21.0	
56 Isooctane	57	2.963	2.963	0.000	99	200131	20.0	25.8	
57 n-Heptane	57	3.056	3.049	0.007	97	48526	20.0	25.0	
58 Benzene	78	3.056	3.056	0.000	95	285977	20.0	21.5	
59 Propionitrile	54	3.077	3.077	0.000	93	54478	200.0	242.6	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	185388	200.0	168.4	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	139936	50.0	41.3	
62 Tert-amyl methyl ether	73	3.170	3.170	0.000	98	143390	20.0	18.4	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	97	71500	20.0	17.0	
64 Isobutyl alcohol	43	3.292	3.292	0.000	97	35448	500.0	675.4	
65 t-Amyl alcohol	59	3.357	3.357	0.000	95	23662	200.0	274.6	
* 66 Fluorobenzene	96	3.392	3.393	-0.001	99	604297	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	85057	20.0	17.8	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	119972	20.0	24.3	
69 Trichloroethene	130	3.536	3.536	0.000	97	72708	20.0	22.5	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	134524	20.0	19.6	
71 Dibromomethane	93	3.894	3.894	0.000	97	32407	20.0	17.8	
72 n-Butanol	56	3.915	3.915	0.000	91	21444	500.0	613.3	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	68749	20.0	21.5	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	73575	20.0	18.5	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	47580	20.0	17.7	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	81	20492	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	91	22531	40.0	36.1	
78 1,4-Dioxane	88	4.266	4.266	0.000	35	10072	400.0	369.4	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	52314	20.0	17.3	
81 cis-1,3-Dichloropropene	75	4.703	4.696	0.007	92	91097	20.0	19.8	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	542002	50.0	51.2	
83 Toluene	91	4.940	4.940	0.000	93	285662	20.0	21.0	
84 Epichlorohydrin	57	4.975	4.976	-0.001	99	43397	400.0	405.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.198	5.190	0.008	98	14304	40.0	25.4	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	68522	20.0	21.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	95	184440	100.0	106.6	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	78139	20.0	19.2	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	95	39983	20.0	18.5	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	52579	20.0	17.3	
91 Chlorodibromomethane	129	5.806	5.806	0.000	98	49597	20.0	19.0	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	85299	20.0	19.4	
93 Ethylene Dibromide	107	6.043	6.043	0.000	100	43809	20.0	18.5	
94 n-Butyl acetate	43	6.401	6.401	0.000	98	51923	20.0	15.6	
95 2-Hexanone	43	6.458	6.458	0.000	97	127933	100.0	99.5	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	436429	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	179253	20.0	21.0	
98 Ethylbenzene	106	6.831	6.831	0.000	98	99384	20.0	21.1	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	55212	20.0	20.8	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	121543	20.0	21.5	
101 o-Xylene	106	7.626	7.626	0.000	94	117826	20.0	22.4	
102 Bromoform	173	7.697	7.698	-0.001	96	28282	20.0	19.5	
103 Styrene	104	7.719	7.719	0.000	96	189966	20.0	22.1	
104 n-Butyl acrylate	73	8.056	8.056	0.000	98	31236	20.0	18.0	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	315472	20.0	22.2	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	90	74494	20.0	16.7	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	180983	50.0	51.8	
108 Bromobenzene	156	8.586	8.586	0.000	98	78088	20.0	19.7	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	383759	20.0	20.7	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	98	58059	20.0	17.9	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	254059	20.0	19.6	
112 4-Ethyltoluene	105	8.929	8.930	-0.001	98	318085	20.0	20.6	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	99	15173	20.0	16.6	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	257665	20.0	20.0	
115 trans-1,4-Dichloro-2-butene	53	9.159	9.166	-0.007	81	12538	20.0	14.6	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	233788	20.0	20.2	
117 tert-Butylbenzene	119	9.545	9.546	-0.001	95	229187	20.0	21.5	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	269077	20.0	20.6	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	71844	20.0	19.5	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	353313	20.0	21.3	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	156189	20.0	20.8	
122 4-Isopropyltoluene	119	10.119	10.119	-0.001	98	294722	20.0	21.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	259128	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.248	-0.001	96	162172	20.0	19.7	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	276898	20.0	20.2	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	276648	20.0	20.3	
127 Benzyl chloride	126	10.713	10.713	0.000	97	17388	20.0	19.5	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	151055	20.0	21.8	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	276735	20.0	21.4	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	151243	20.0	20.0	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	273333	20.0	21.6	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	92	9925	20.0	16.6	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	121599	20.0	21.1	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	102747	20.0	20.4	
135 Hexachlorobutadiene	225	12.840	12.841	-0.001	97	42350	20.0	22.6	
136 Naphthalene	128	13.120	13.127	-0.007	100	197525	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
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	91335	20.0	19.3	
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.1	
S 140 Xylenes, Total	100				0		40.0	43.8	
S 142 Total BTEX	1				0		100.0	107.4	

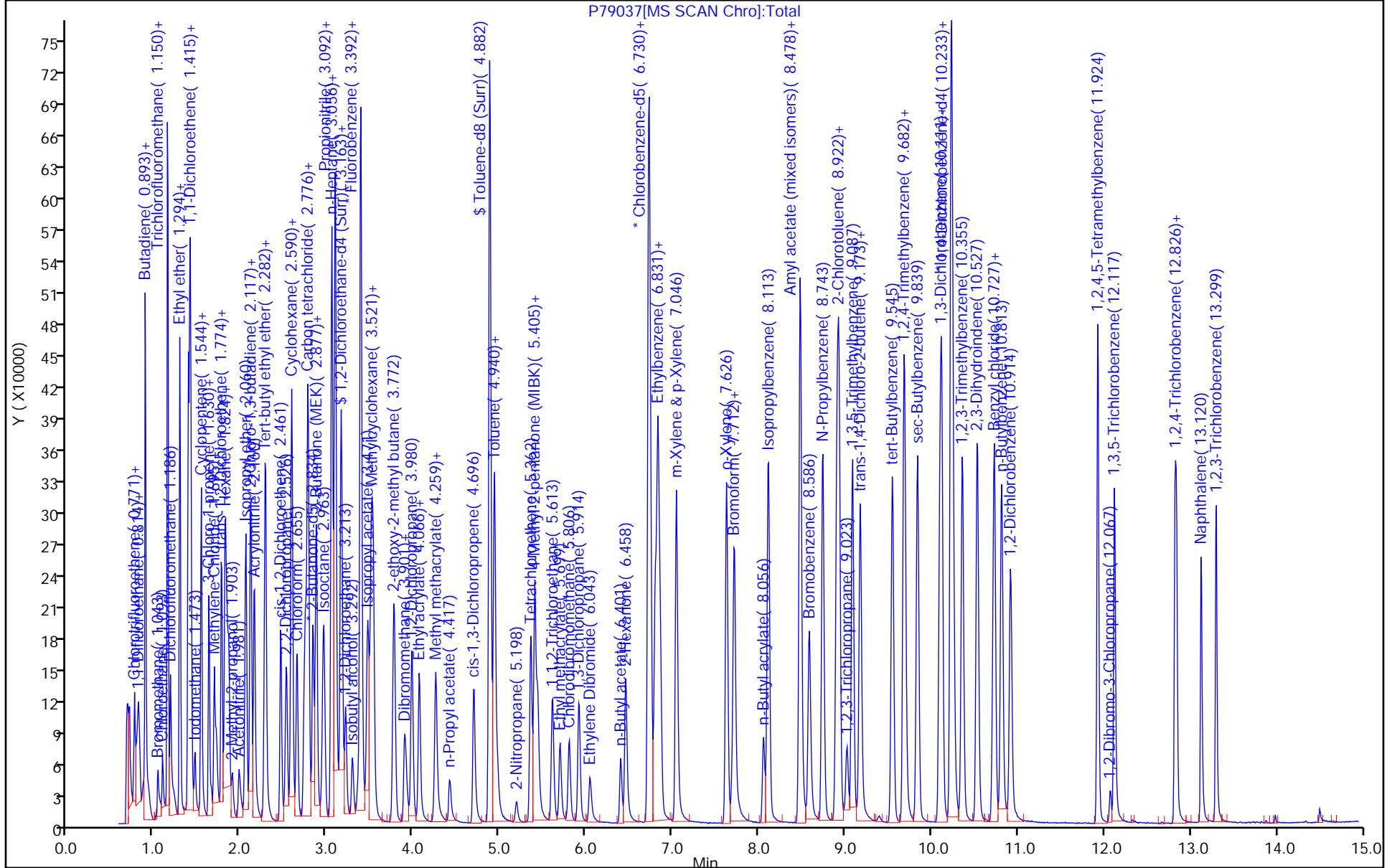
QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00383	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 07/09/2020 03:47Analysis Batch Number: 706917 End Date: 07/09/2020 13:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706917/1		07/09/2020 03:47	1	P76750.D	Rtx-624 0.25 (mm)
STD7 460-706917/3 IC		07/09/2020 04:40	1	P76752.D	Rtx-624 0.25 (mm)
STD5 460-706917/5 IC		07/09/2020 05:33	1	P76754.D	Rtx-624 0.25 (mm)
STD20 460-706917/6 ICIS		07/09/2020 05:59	1	P76755.D	Rtx-624 0.25 (mm)
STD50 460-706917/7 IC		07/09/2020 06:26	1	P76756.D	Rtx-624 0.25 (mm)
STD200 460-706917/8 IC		07/09/2020 06:52	1	P76757.D	Rtx-624 0.25 (mm)
STD500 460-706917/9 IC		07/09/2020 07:18	1	P76758.D	Rtx-624 0.25 (mm)
STD1 460-706917/17 IC		07/09/2020 12:29	1	P76766.D	Rtx-624 0.25 (mm)
ICV 460-706917/19		07/09/2020 13:40	1	P76768.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 08/28/2020 08:24Analysis Batch Number: 720234 End Date: 08/28/2020 16:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720234/1		08/28/2020 08:24	1	P79024.D	Rtx-624 0.25 (mm)
CCVIS 460-720234/3		08/28/2020 09:09	1	P79026.D	Rtx-624 0.25 (mm)
LCS 460-720234/4		08/28/2020 09:32	1	P79027.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 09:55	1		Rtx-624 0.25 (mm)
MB 460-720234/9		08/28/2020 11:28	1	P79032.D	Rtx-624 0.25 (mm)
460-216635-5	TB_20200820	08/28/2020 11:51	1	P79033.D	Rtx-624 0.25 (mm)
460-216635-1	DEC2D1_20200818	08/28/2020 12:14	1	P79034.D	Rtx-624 0.25 (mm)
460-216635-1 MS	DEC2D1_20200818 MS	08/28/2020 13:01	1	P79036.D	Rtx-624 0.25 (mm)
460-216635-1 MSD	DEC2D1_20200818 MSD	08/28/2020 13:24	1	P79037.D	Rtx-624 0.25 (mm)
460-216635-2	EB_20200818	08/28/2020 14:33	1	P79040.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 14:56	1		Rtx-624 0.25 (mm)
460-216635-3	DEC1D1_20200819	08/28/2020 15:19	1	P79042.D	Rtx-624 0.25 (mm)
460-216635-4	DEC1D2_20200820	08/28/2020 15:42	1	P79043.D	Rtx-624 0.25 (mm)
460-216635-6	DEC_GW_DUPE_20200820	08/28/2020 16:05	1	P79044.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 16:28	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 16:51	1		Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00116	524freon 00024	8260 SP 00127	8260ISNEW 00129
BFB 460-706917/1		8260C		5 mL	5 mL				
STD7 460-706917/3 IC		8260C		5 mL	5 mL				1 uL
STD5 460-706917/5 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-706917/6 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-706917/7 IC		8260C		5 mL	5 mL		50 uL		1 uL
STD200 460-706917/8 IC		8260C		5 mL	5 mL				1 uL
STD500 460-706917/9 IC		8260C		5 mL	5 mL				1 uL
STD1 460-706917/17 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-706917/19		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C				1 uL			
STD5 460-706917/5 IC		8260C		10 uL		1 uL			4 uL
STD20 460-706917/6 ICIS		8260C		20 uL		1 uL			4 uL
STD50 460-706917/7 IC		8260C		50 uL		1 uL			10 uL
STD200 460-706917/8 IC		8260C				1 uL	20 uL		20 uL
STD500 460-706917/9 IC		8260C				1 uL	50 uL		40 uL
STD1 460-706917/17 IC		8260C		10 uL		1 uL			4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
ICV 460-706917/19		8260C			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00075	BFB 00026	Ethanol mix 00041	GAS C SP 00363	GAS Hi 00365	GASES Li 00376
BFB 460-706917/1		8260C			1 uL				
STD7 460-706917/3 IC		8260C		20 uL					2.5 uL
STD5 460-706917/5 IC		8260C							10 uL
STD20 460-706917/6 ICIS		8260C							20 uL
STD50 460-706917/7 IC		8260C							50 uL
STD200 460-706917/8 IC		8260C				20 uL		20 uL	
STD500 460-706917/9 IC		8260C				50 uL		50 uL	
STD1 460-706917/17 IC		8260C							10 uL
ICV 460-706917/19		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C							
STD5 460-706917/5 IC		8260C							
STD20 460-706917/6 ICIS		8260C							
STD50 460-706917/7 IC		8260C							
STD200 460-706917/8 IC		8260C		20 uL	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
STD500 460-706917/9 IC		8260C		50 uL	50 uL				
STD1 460-706917/17 IC		8260C							
ICV 460-706917/19		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 720234 Batch Start Date: 08/28/20 08:24 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00129	8260MIX1COMB 00124	8260SURR250 00211
BFB 460-720234/1		8260C		5 mL	5 mL				
CCVIS 460-720234/3		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-720234/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-720234/9		8260C		5 mL	5 mL		1 uL		1 uL
460-216635-B-5	TB_20200820	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216635-B-1	DEC2D1_20200818	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216635-B-1 MS	DEC2D1_20200818	8260C	T	5 mL	5 mL	<2 SU	1 uL	20 uL	1 uL
460-216635-B-1 MSD	DEC2D1_20200818	8260C	T	5 mL	5 mL	<2 SU	1 uL	20 uL	1 uL
460-216635-B-2	EB_20200818	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216635-B-3	DEC1D1_20200819	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216635-B-4	DEC1D2_20200820	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216635-B-6	DEC_GW_DUPE_2020 0820	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
BFB 460-720234/1		8260C			1 uL				
CCVIS 460-720234/3		8260C		4 uL		20 uL			
LCS 460-720234/4		8260C		4 uL		20 uL			
MB 460-720234/9		8260C							
460-216635-B-5	TB_20200820	8260C	T						
460-216635-B-1	DEC2D1_20200818	8260C	T						
460-216635-B-1 MS	DEC2D1_20200818	8260C	T	4 uL		20 uL			
460-216635-B-1 MSD	DEC2D1_20200818	8260C	T	4 uL		20 uL			
460-216635-B-2	EB_20200818	8260C	T						
460-216635-B-3	DEC1D1_20200819	8260C	T						
460-216635-B-4	DEC1D2_20200820	8260C	T						

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.: 460-216635-1

SDG No.: _____

Batch Number: 720234 Batch Start Date: 08/28/20 08:24 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
460-216635-B-6	DEC_GW_DUPE_2020 0820	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.

8270D_SIM_MS_ID

Semivolatile Organic Compounds
(GC/MS SIM / Isotope Dilution)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
DEC2D1_20200818	460-216635-1	35
EB_20200818	460-216635-2	39
DEC1D1_20200819	460-216635-3	19
DEC1D2_20200820	460-216635-4	36
DEC_GW_DUPE_20200820	460-216635-6	41
	MB 460-719055/1-A	45
DEC2D1_20200818 MS	460-216635-1 MS	39
DEC2D1_20200818 MSD	460-216635-1 MSD	35

DXE = 1,4-Dioxane-d8

QC LIMITS
10-150

Column to be used to flag recovery values

FORM II 8270D SIM ID

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216635-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
	LCS 460-719055/2-A	51
	LCSD 460-719055/3-A	33

DXE = 1,4-Dioxane-d8

QC LIMITS
10-200

Column to be used to flag recovery values

FORM II 8270D SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: C1026.D

Lab ID: LCS 460-719055/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	1.48	92	10-200	
1,4-Dioxane-d8	32.0	16.2	51	10-200	

Column to be used to flag recovery and RPD values

FORM III 8270D SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C1027.D
 Lab ID: LCSD 460-719055/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	1.60	1.92	120	26	50	10-200	
1,4-Dioxane-d8	32.0	10.6	33			10-200	

Column to be used to flag recovery and RPD values
 FORM III 8270D SIM ID

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: C1029.D
 Lab ID: 460-216635-1 MS Client ID: DEC2D1_20200818 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	0.10 J	2.40	144	70-130	F1
1,4-Dioxane-d8	32.0	11	12.5	39	10-150	

Column to be used to flag recovery and RPD values
 FORM III 8270D SIM ID

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: C1030.D

Lab ID: 460-216635-1 MSD Client ID: DEC2D1_20200818 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	1.60	1.74	102	32	20	70-130	F2
1,4-Dioxane-d8	32.0	11.3	35			10-150	

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.: 460-216635-1
 SDG No.: _____
 Lab File ID: C1025.D Lab Sample ID: MB 460-719055/1-A
 Matrix: Water Date Extracted: 08/23/2020 08:48
 Instrument ID: CBNAMS13 Date Analyzed: 08/23/2020 23:40
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-719055/2-A	C1026.D	08/23/2020 23:55
	LCSD 460-719055/3-A	C1027.D	08/24/2020 00:11
DEC2D1_20200818	460-216635-1	C1028.D	08/24/2020 00:27
DEC2D1_20200818 MS	460-216635-1 MS	C1029.D	08/24/2020 00:43
DEC2D1_20200818 MSD	460-216635-1 MSD	C1030.D	08/24/2020 00:59
EB_20200818	460-216635-2	C1031.D	08/24/2020 01:15
DEC1D1_20200819	460-216635-3	C1032.D	08/24/2020 01:30
DEC1D2_20200820	460-216635-4	C1033.D	08/24/2020 01:46
DEC_GW_DUPE_20200820	460-216635-6	C1034.D	08/24/2020 02:02

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab File ID: C6752A.D DFTPP Injection Date: 04/27/2020
 Instrument ID: CBNAMS13 DFTPP Injection Time: 11:29
 Analysis Batch No.: 690453

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	56.6
68	Less than 2.0 % of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	34.9
70	Less than 2.0 % of mass 69	0.3 (0.8) 1
127	40.0 - 60.0 % of mass 198	43.9
197	Less than 1.0 % of mass 198	0.4
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	23.7
365	Greater than 1.0 % of mass 198	2.6
441	Present but less than mass 443	12.7 (83.4) 3
442	Greater than 40.0 % of mass 198	81.1
443	17.0 - 23.0 % of mass 442	15.3 (18.8) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-690453/2	C6760.D	04/27/2020	14:13
	STD8 460-690453/3	C6761.D	04/27/2020	14:29
	STD7 460-690453/4	C6762.D	04/27/2020	14:45
	STD6 460-690453/5	C6763.D	04/27/2020	15:01
	STD4 460-690453/6	C6764.D	04/27/2020	15:16
	STD3 460-690453/7	C6765.D	04/27/2020	15:32
	STD2 460-690453/8	C6766.D	04/27/2020	15:48
	STD1 460-690453/9	C6767.D	04/27/2020	16:04

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab File ID: C1023.D DFTPP Injection Date: 08/23/2020
 Instrument ID: CBNAMS13 DFTPP Injection Time: 22:57
 Analysis Batch No.: 719128

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	54.3
68	Less than 2.0 % of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.2
70	Less than 2.0 % of mass 69	0.2 (0.4) 1
127	40.0 - 60.0 % of mass 198	49.0
197	Less than 1.0 % of mass 198	0.4
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.7
275	10.0 - 30.0 % of mass 198	23.2
365	Greater than 1.0 % of mass 198	2.9
441	Present but less than mass 443	11.7 (78.7) 3
442	Greater than 40.0 % of mass 198	75.7
443	17.0 - 23.0 % of mass 442	14.8 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-719128/2	C1024.D	08/23/2020	23:18
	MB 460-719055/1-A	C1025.D	08/23/2020	23:40
	LCS 460-719055/2-A	C1026.D	08/23/2020	23:55
	LCSD 460-719055/3-A	C1027.D	08/24/2020	0:11
DEC2D1_20200818	460-216635-1	C1028.D	08/24/2020	0:27
DEC2D1_20200818 MS	460-216635-1 MS	C1029.D	08/24/2020	0:43
DEC2D1_20200818 MSD	460-216635-1 MSD	C1030.D	08/24/2020	0:59
EB_20200818	460-216635-2	C1031.D	08/24/2020	1:15
DEC1D1_20200819	460-216635-3	C1032.D	08/24/2020	1:30
DEC1D2_20200820	460-216635-4	C1033.D	08/24/2020	1:46
DEC_GW_DUPE_20200820	460-216635-6	C1034.D	08/24/2020	2:02

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Sample No.: CCVIS 460-719128/2 Date Analyzed: 08/23/2020 23:18
 Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): C1024.D Heated Purge: (Y/N) N
 Calibration ID: 79496

		DCBd4					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		39392	5.35				
UPPER LIMIT		78784	5.85				
LOWER LIMIT		19696	4.85				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719055/1-A		41614	5.35				
LCS 460-719055/2-A		45781	5.35				
LCSD 460-719055/3-A		45202	5.35				
460-216635-1	DEC2D1_20200818	38565	5.35				
460-216635-1 MS	DEC2D1_20200818 MS	42690	5.35				
460-216635-1 MSD	DEC2D1_20200818 MSD	38493	5.35				
460-216635-2	EB_20200818	39737	5.35				
460-216635-3	DEC1D1_20200819	40015	5.35				
460-216635-4	DEC1D2_20200820	40325	5.35				
460-216635-6	DEC_GW_DUPE_20200820	38435	5.35				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 Lab Sample ID: 460-216635-1
 Matrix: Water Lab File ID: C1028.D
 Analysis Method: 8270D SIM ID Date Collected: 08/18/2020 14:12
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 00:27
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.10	J F1 F2	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	35		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D
 Lims ID: 460-216635-D-1-B
 Client ID: DEC2DI_20200818
 Sample Type: Client
 Inject. Date: 24-Aug-2020 00:27:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-006
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 14:48:17 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1070

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:36:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	12	57518	1.41	35.3	
2 1,4-Dioxane	88	1.759	1.759	0.014	19	211	0.0125		M
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	38565	0.2000		

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D

Injection Date: 24-Aug-2020 00:27:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-D-1-B

Lab Sample ID: Client 460-719128/6-A

Worklist Smp#: 6

Client ID: DEC2DI_20200818

Injection Vol: 5.0 ul

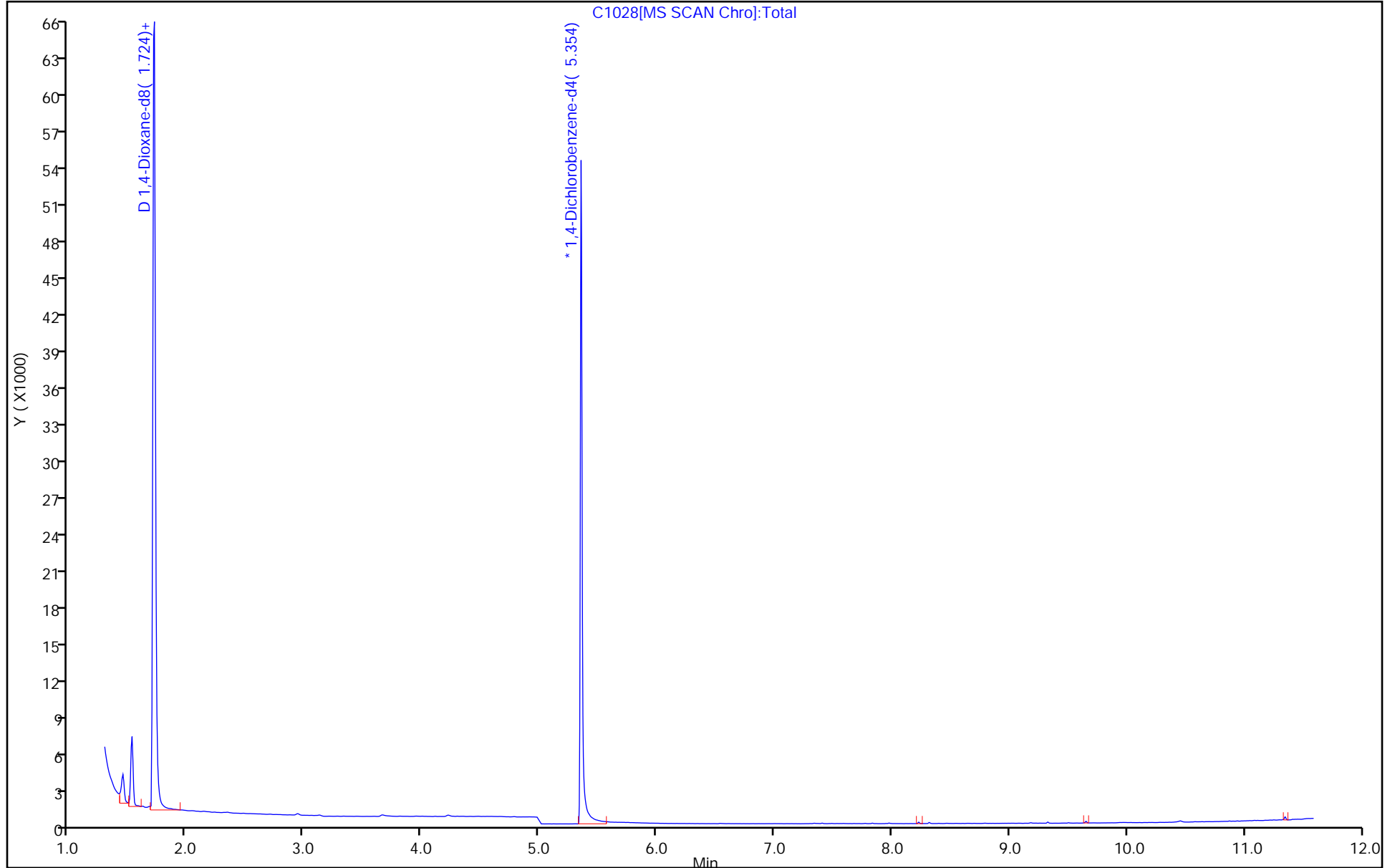
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D

Injection Date: 24-Aug-2020 00:27:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-D-1-B

Lab Sample ID: Client 460-719128/6-A

Client ID: DEC2DI_20200818

Operator ID:

ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

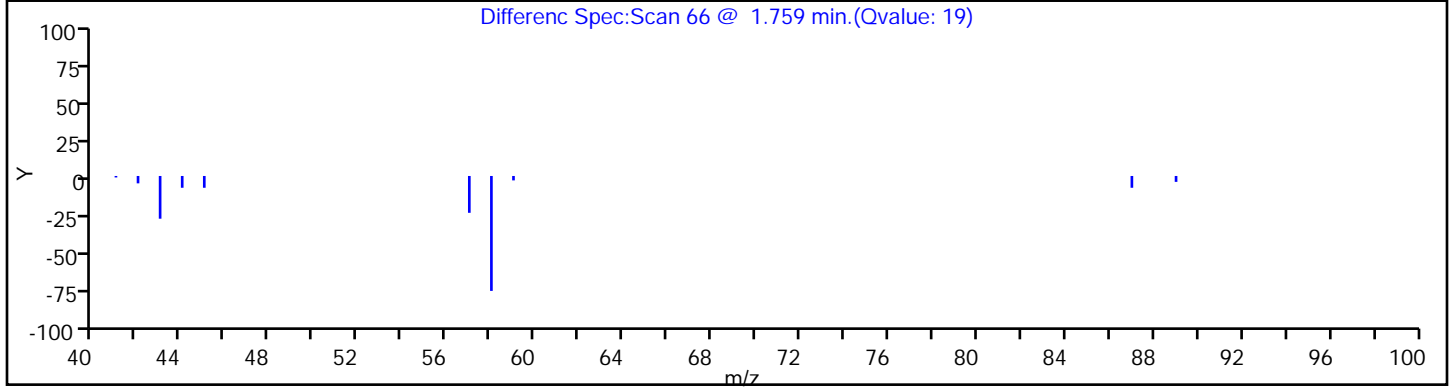
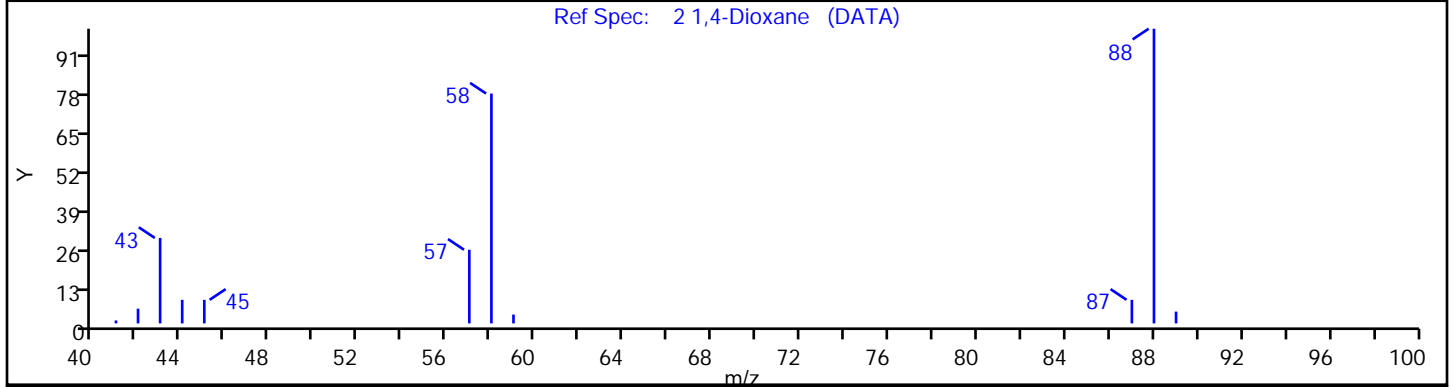
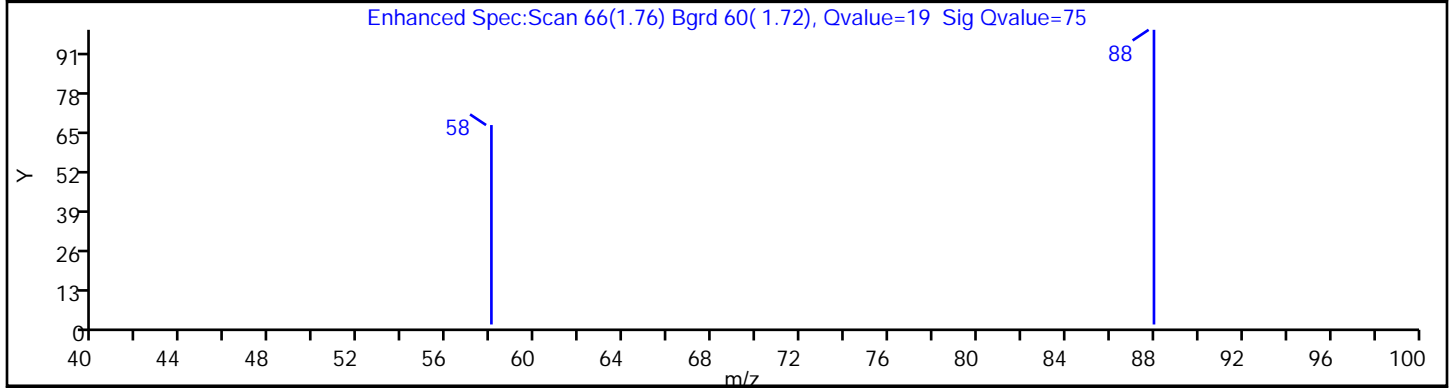
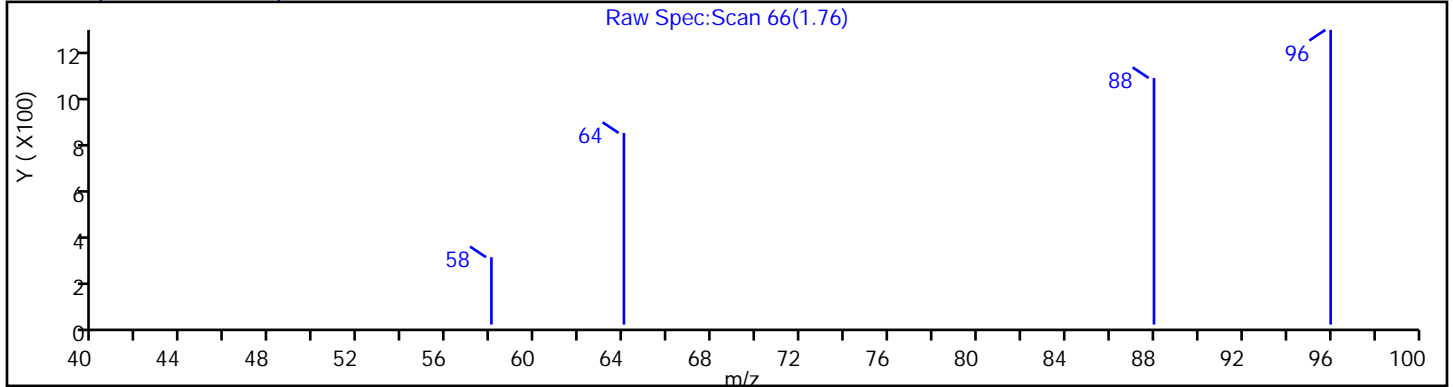
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D

Injection Date: 24-Aug-2020 00:27:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-D-1-B

Lab Sample ID: Client 460-719128/6-A

Client ID: DEC2DI_20200818

Operator ID:

ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

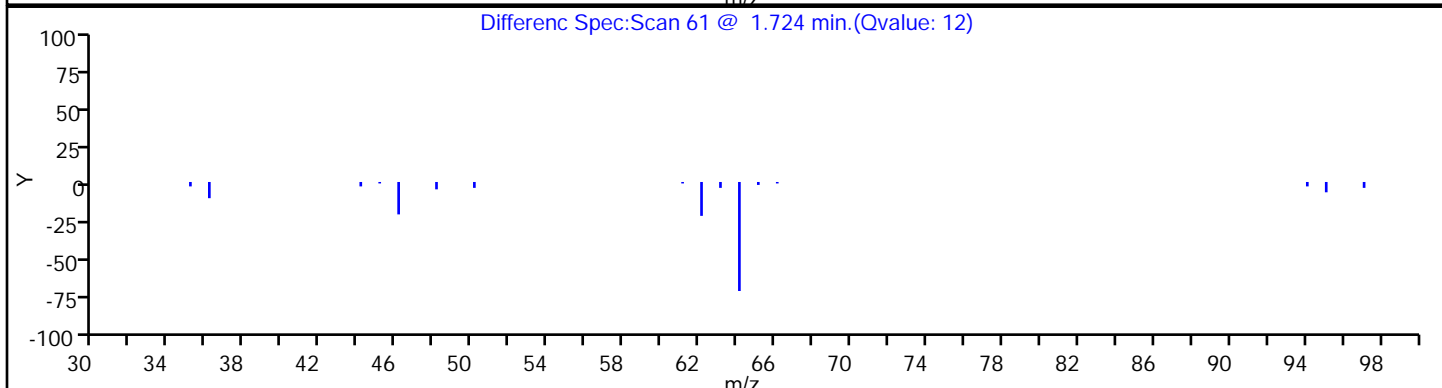
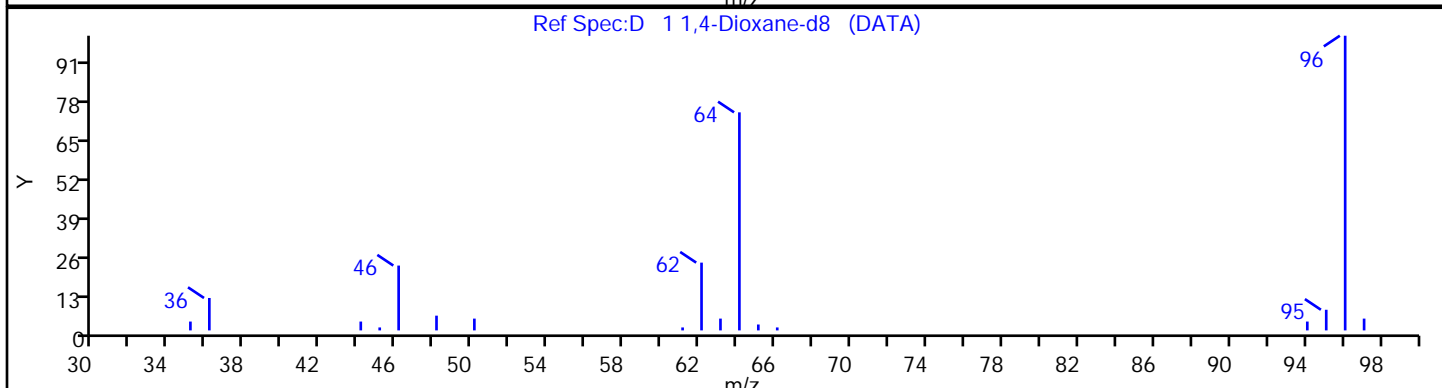
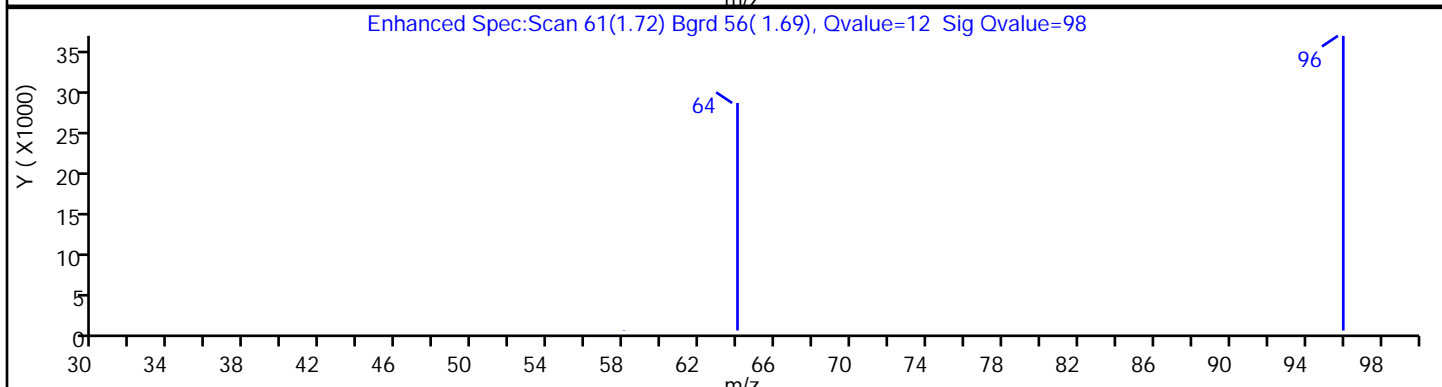
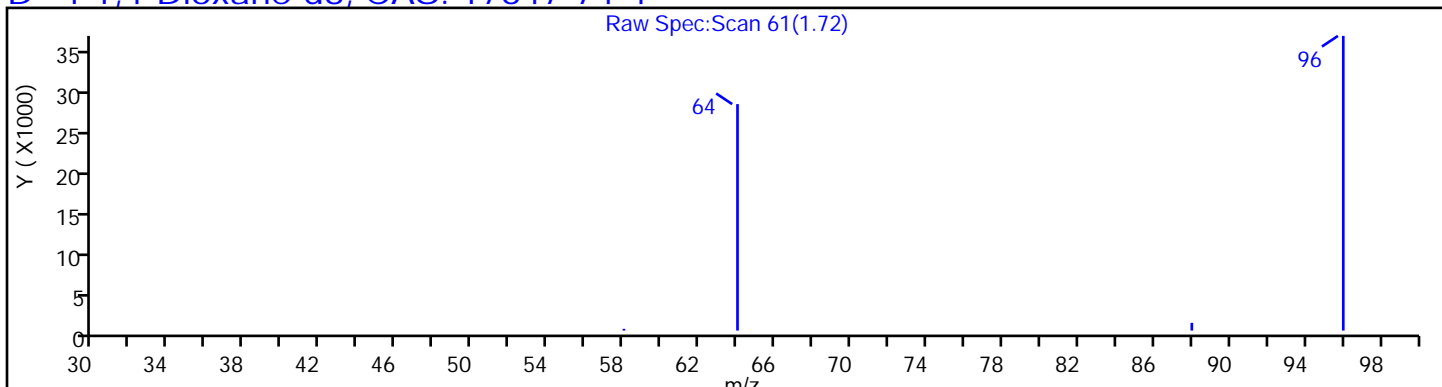
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



Eurofins TestAmerica, Edison

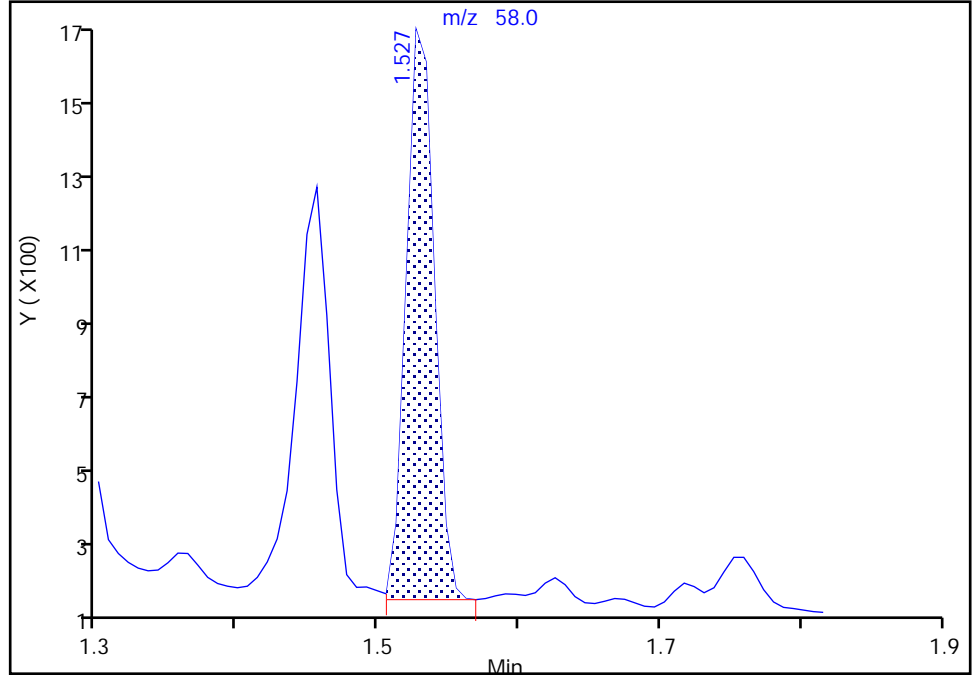
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D
Injection Date: 24-Aug-2020 00:27:30 Instrument ID: CBNAMS13
Lims ID: 460-216635-D-1-B Lab Sample ID: Client 460-719128/6-A
Client ID: DEC2DI_20200818
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 2

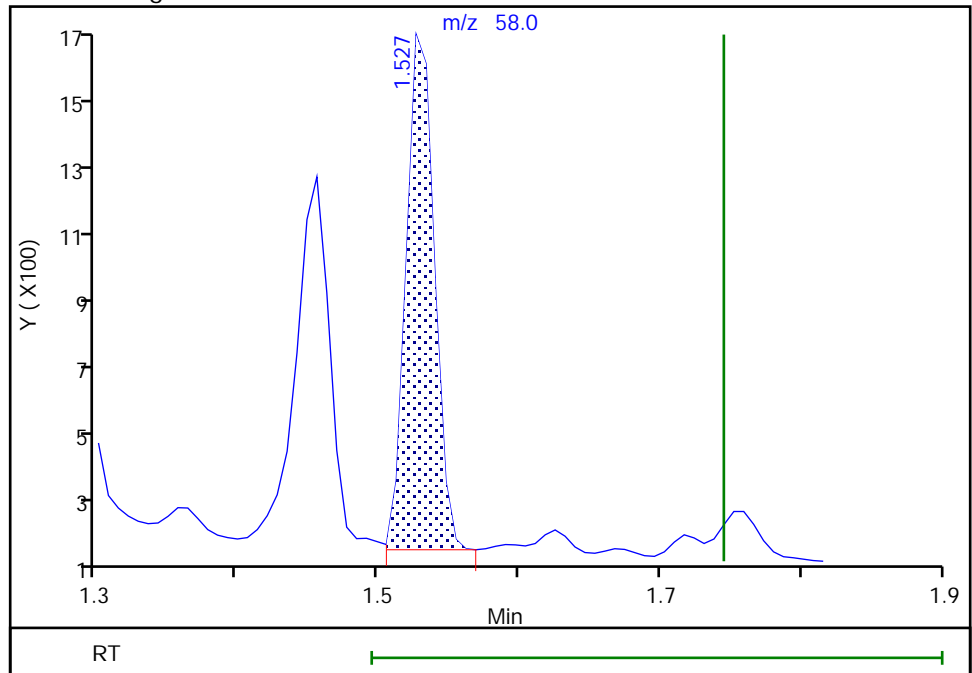
RT: 1.53
Area: 2060
Amount: 0
Amount Units: ug/ml

Processing Integration Results



RT: 1.53
Area: 2060
Amount: 0.012513
Amount Units: ug/ml

Manual Integration Results



Reviewer: khlungprakhons, 24-Aug-2020 13:29:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

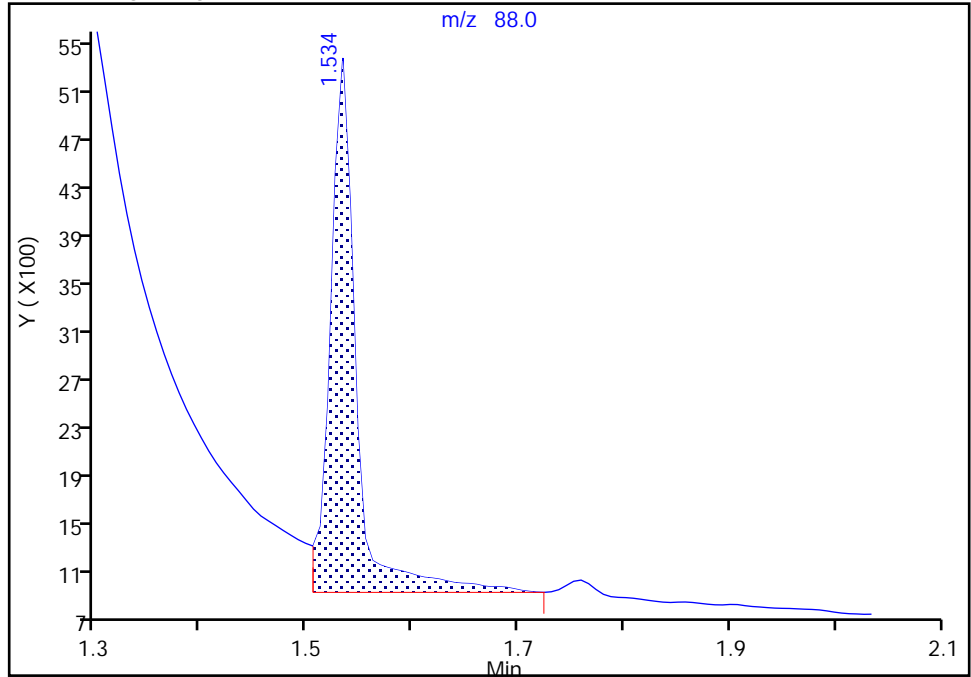
Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1028.D
Injection Date: 24-Aug-2020 00:27:30 Instrument ID: CBNAMS13
Lims ID: 460-216635-D-1-B Lab Sample ID: Client 460-719128/6-A
Client ID: DEC2DI_20200818
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

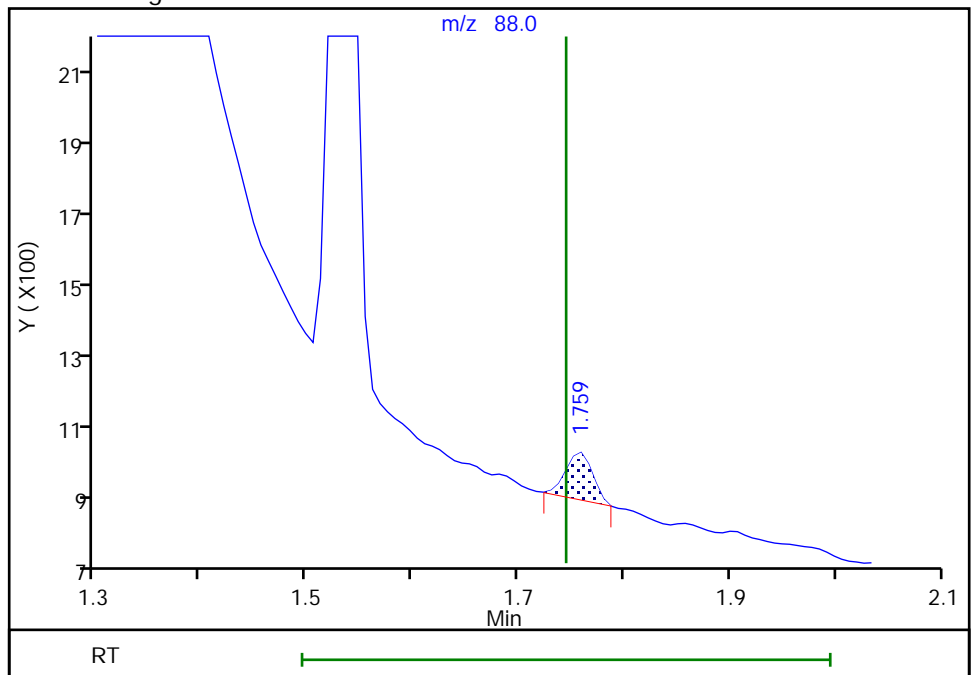
RT: 1.53
Area: 7450
Amount: 0
Amount Units: ug/ml

Processing Integration Results



RT: 1.76
Area: 211
Amount: 0.012513
Amount Units: ug/ml

Manual Integration Results



Reviewer: maheseep, 24-Aug-2020 14:48:06

Audit Action: Manually Integrated

Audit Reason: Wrong peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: EB_20200818 Lab Sample ID: 460-216635-2
 Matrix: Water Lab File ID: C1031.D
 Analysis Method: 8270D SIM ID Date Collected: 08/18/2020 14:00
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 01:15
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	39		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1031.D
 Lims ID: 460-216635-D-2-A
 Client ID: EB_20200818
 Sample Type: Client
 Inject. Date: 24-Aug-2020 01:15:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-009
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:28:27 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:28:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
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D 1 1,4-Dioxane-d8	96	1.717	1.710	0.007	8	66146	1.58	39.4	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	39737	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1031.D

Injection Date: 24-Aug-2020 01:15:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-D-2-A

Lab Sample ID: 460-216635-2

Worklist Smp#: 9

Client ID: EB_20200818

Injection Vol: 5.0 ul

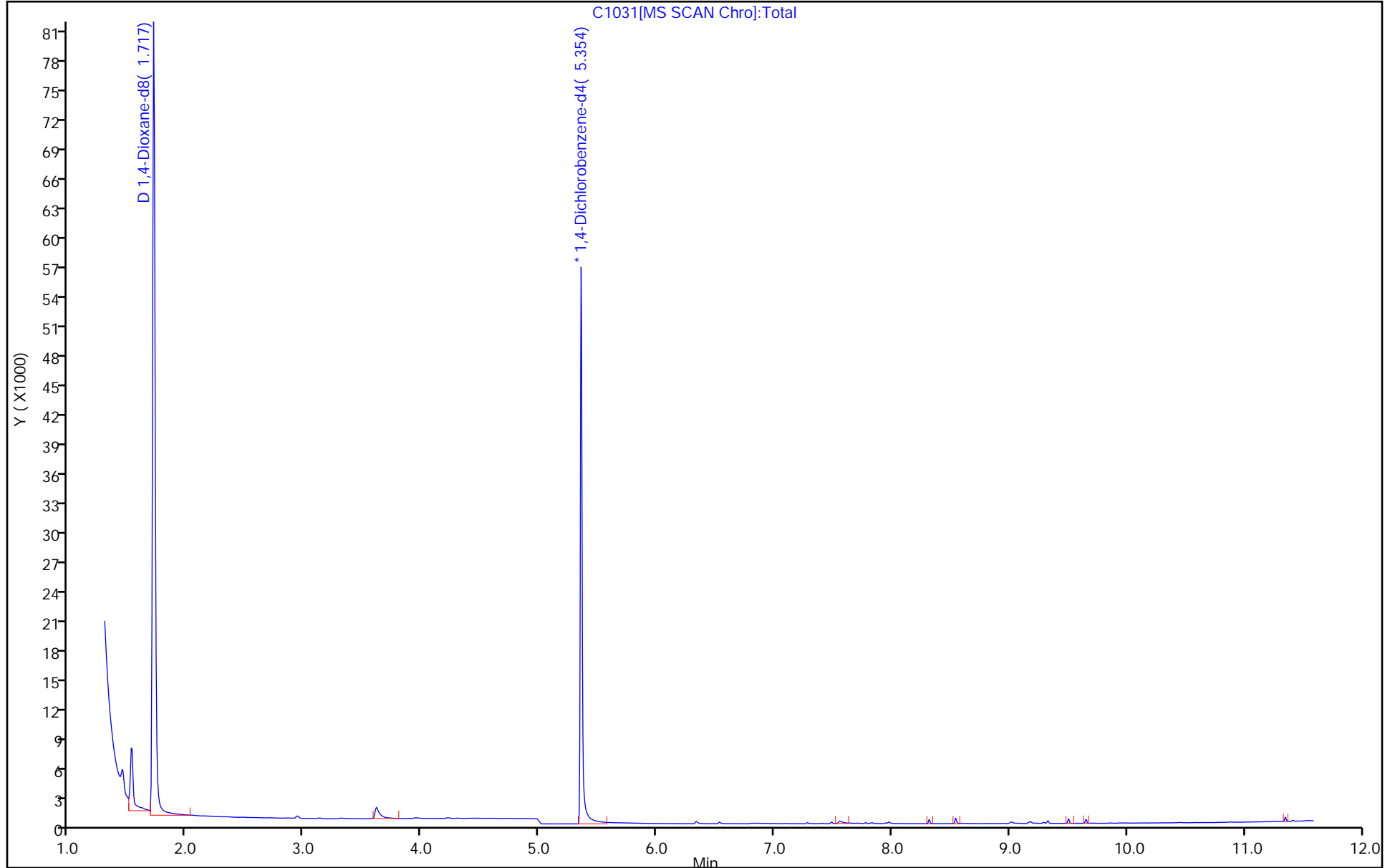
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1031.D

Injection Date: 24-Aug-2020 01:15:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-D-2-A

Lab Sample ID: 460-216635-2

Client ID: EB_20200818

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

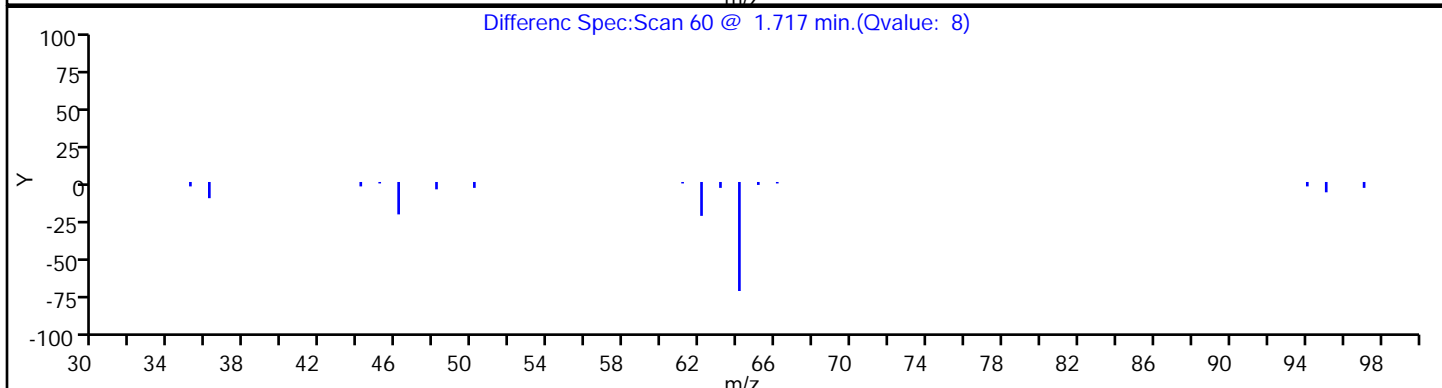
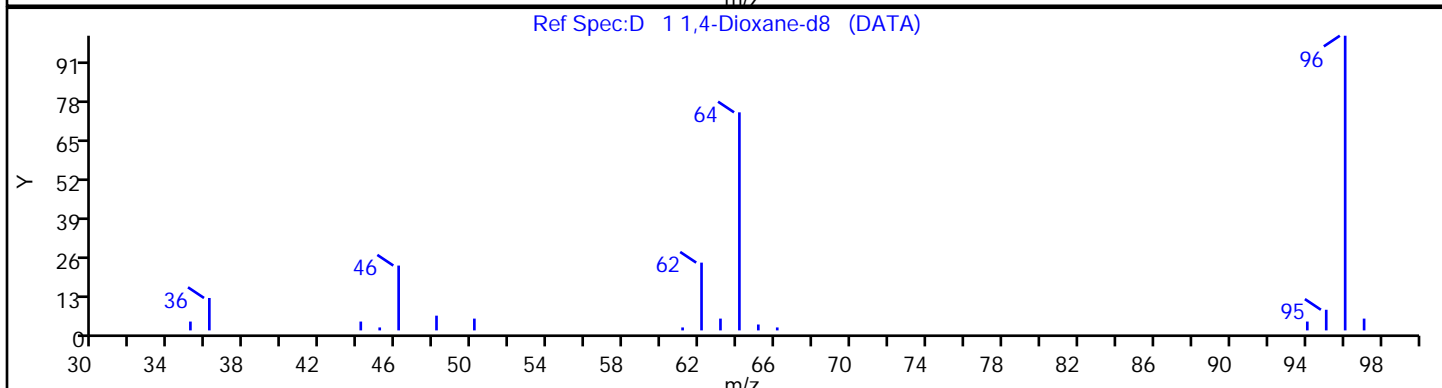
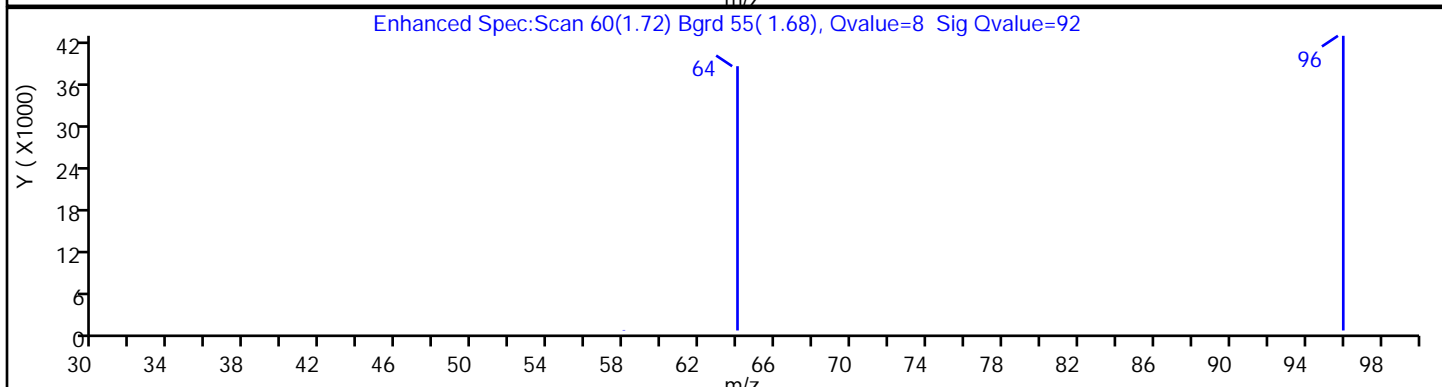
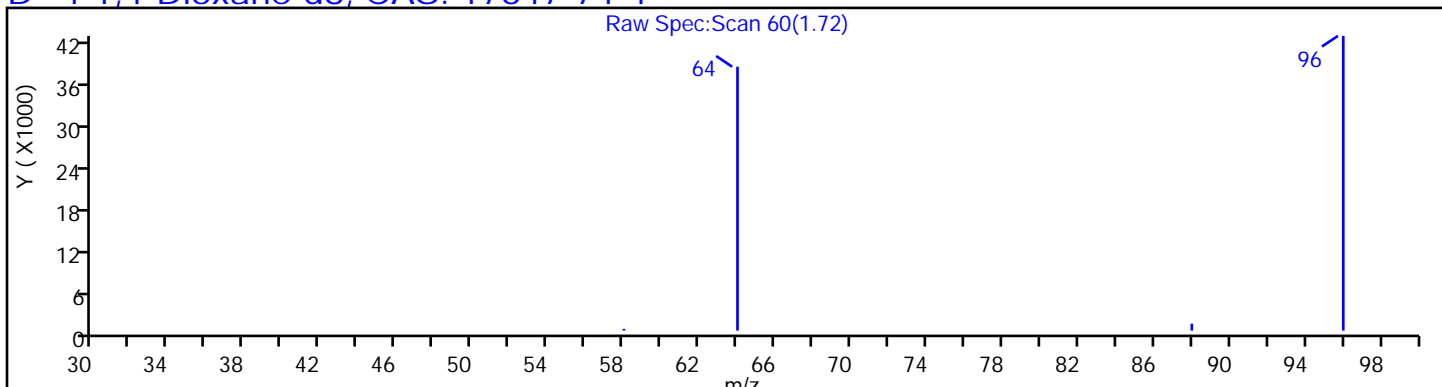
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

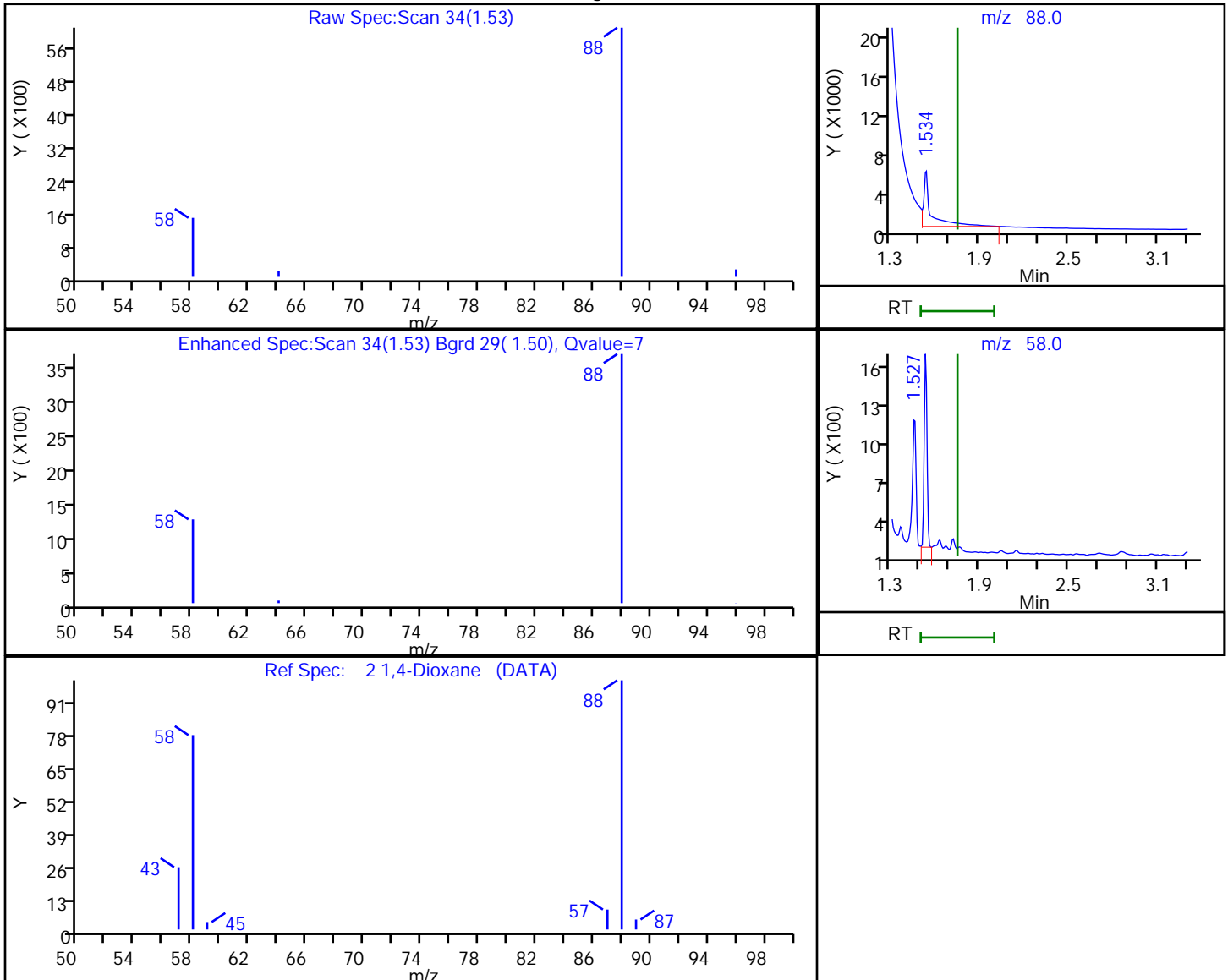


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1031.D
 Injection Date: 24-Aug-2020 01:15:30 Instrument ID: CBNAMS13
 Lims ID: 460-216635-D-2-A Lab Sample ID: 460-216635-2
 Client ID: EB_20200818
 Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
 Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.53	88.00	19177	0.988883
1.53	58.00	1968	

Reviewer: khlungprakhons, 24-Aug-2020 13:28:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D1_20200819 Lab Sample ID: 460-216635-3
 Matrix: Water Lab File ID: C1032.D
 Analysis Method: 8270D SIM ID Date Collected: 08/19/2020 13:55
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 01:30
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 5 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	19		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1032.D
 Lims ID: 460-216635-E-3-A
 Client ID: DEC1D1_20200819
 Sample Type: Client
 Inject. Date: 24-Aug-2020 01:30:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-010
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:28:41 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:28:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
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D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	6	31291	0.7405	18.5	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	40015	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1032.D

Injection Date: 24-Aug-2020 01:30:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-E-3-A

Lab Sample ID: 460-216635-3

Worklist Smp#: 10

Client ID: DEC1D1_20200819

Injection Vol: 5.0 ul

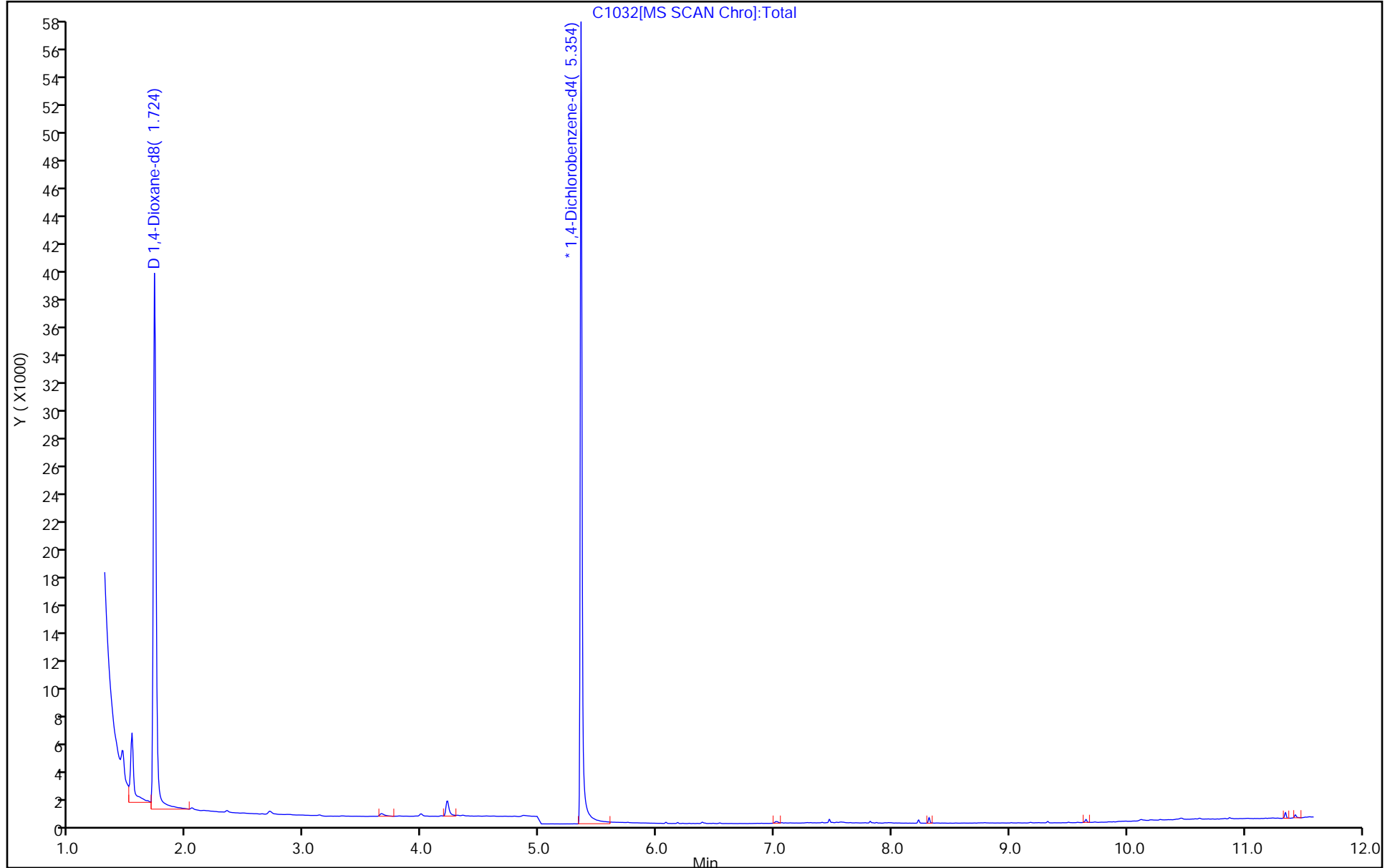
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1032.D

Injection Date: 24-Aug-2020 01:30:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-E-3-A

Lab Sample ID: 460-216635-3

Client ID: DEC1D1_20200819

Operator ID:

ALS Bottle#: 10

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

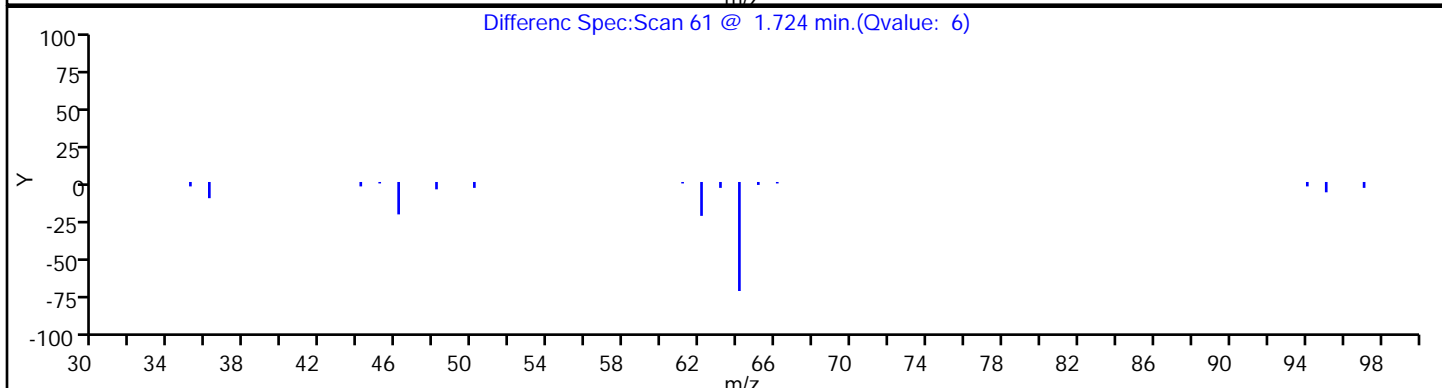
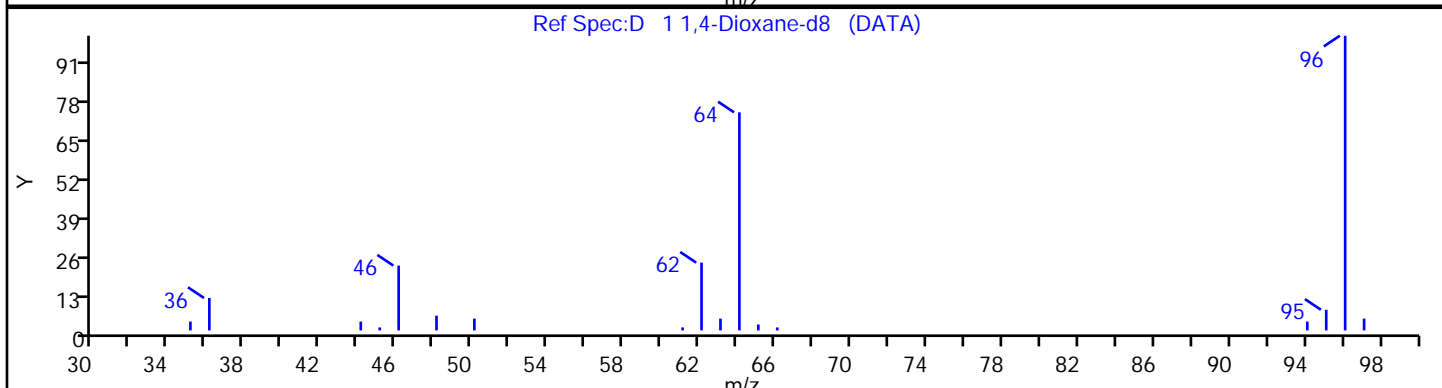
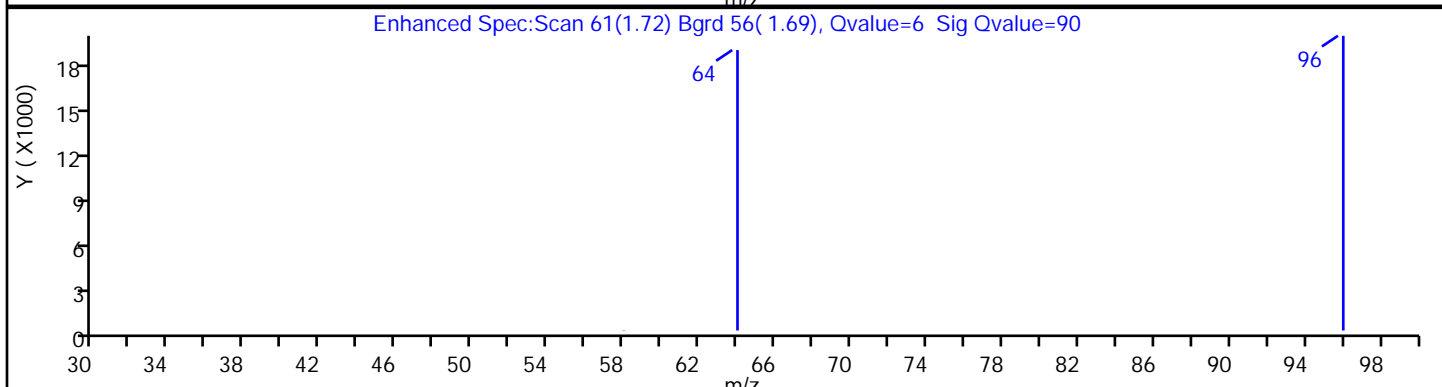
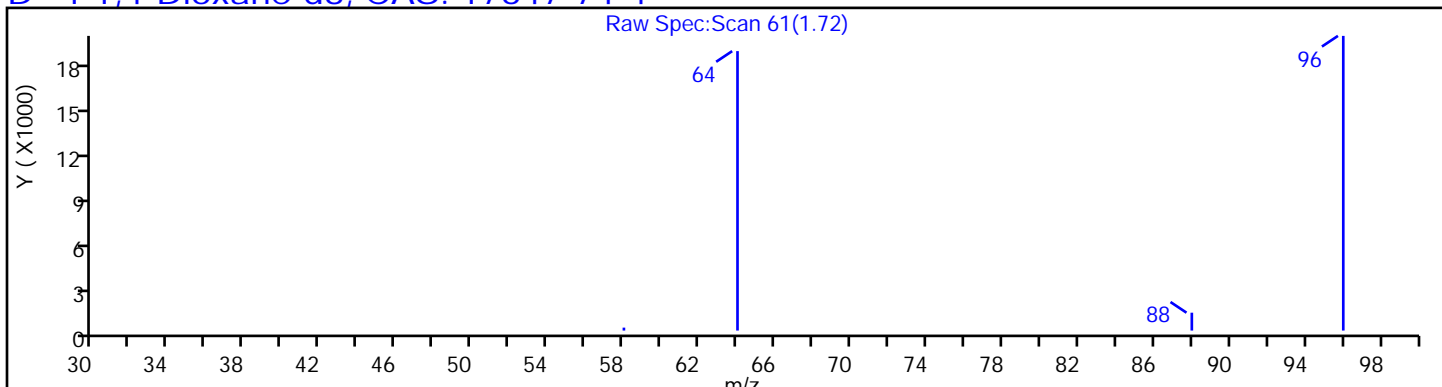
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

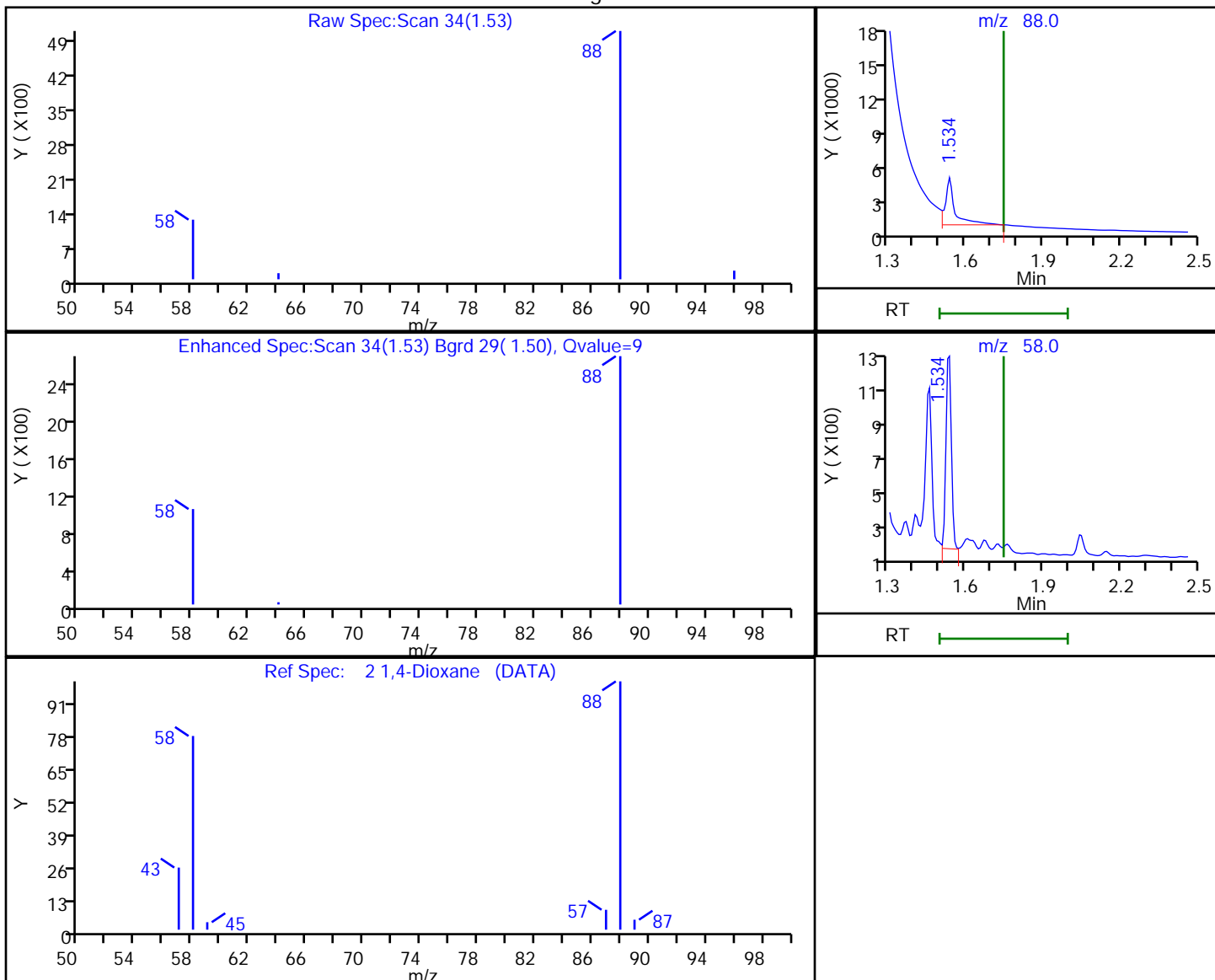


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1032.D
Injection Date: 24-Aug-2020 01:30:30 Instrument ID: CBNAMS13
Lims ID: 460-216635-E-3-A Lab Sample ID: 460-216635-3
Client ID: DEC1D1_20200819
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.53	88.00	10170	1.108585
1.53	58.00	1553	

Reviewer: khlungprakhons, 24-Aug-2020 13:28:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC1D2_20200820 Lab Sample ID: 460-216635-4
 Matrix: Water Lab File ID: C1033.D
 Analysis Method: 8270D SIM ID Date Collected: 08/20/2020 09:55
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 01:46
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	36		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1033.D
 Lims ID: 460-216635-E-4-A
 Client ID: DEC1D2_20200820
 Sample Type: Client
 Inject. Date: 24-Aug-2020 01:46:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-011
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:28:54 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:29:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
----------	-----	-----------	---------------	---------------	---	----------	-----------------	------	-------

D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	12	61123	1.44	35.9	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	40325	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1033.D

Injection Date: 24-Aug-2020 01:46:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-E-4-A

Lab Sample ID: 460-216635-4

Worklist Smp#: 11

Client ID: DEC1D2_20200820

Injection Vol: 5.0 ul

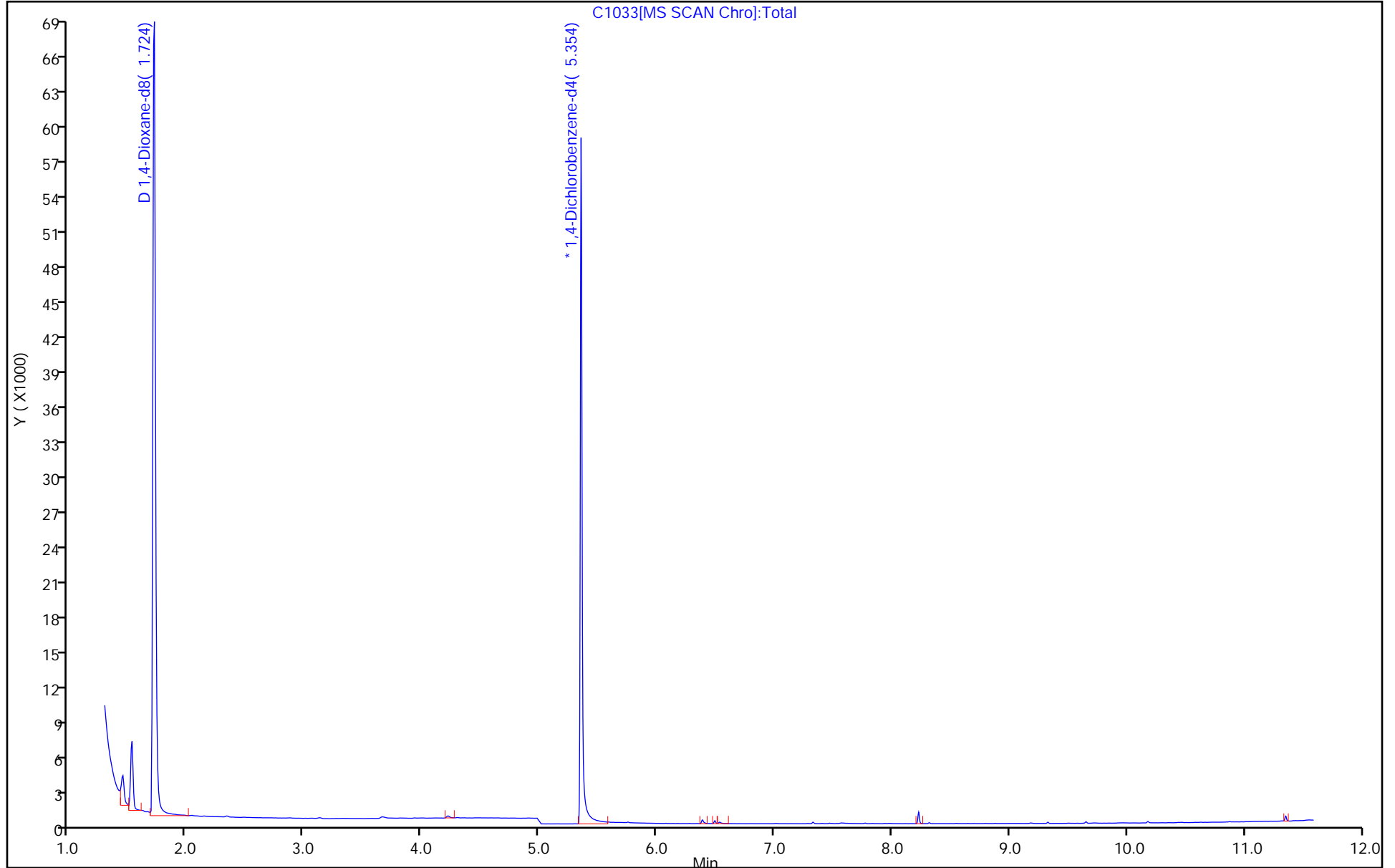
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1033.D

Injection Date: 24-Aug-2020 01:46:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-E-4-A

Lab Sample ID: 460-216635-4

Client ID: DEC1D2_20200820

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 11

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

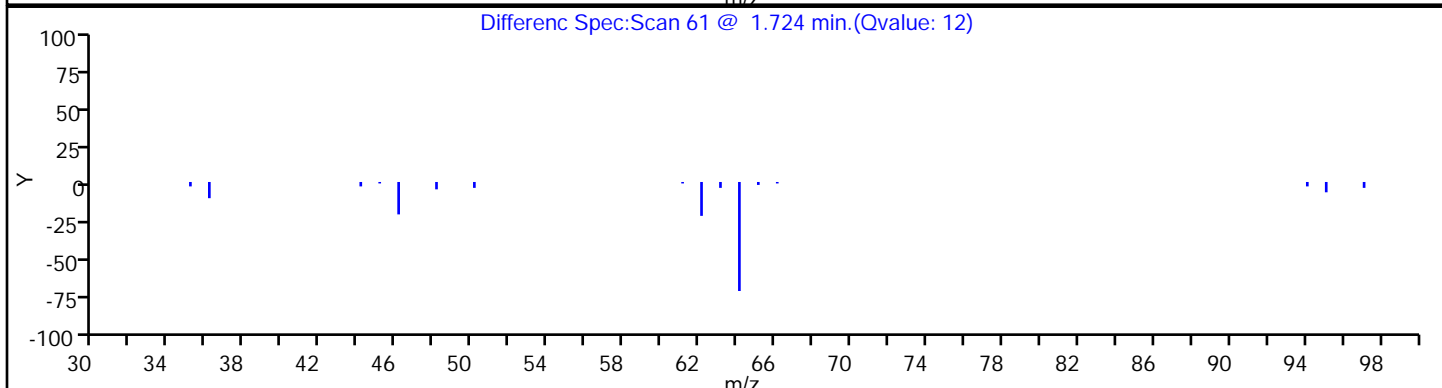
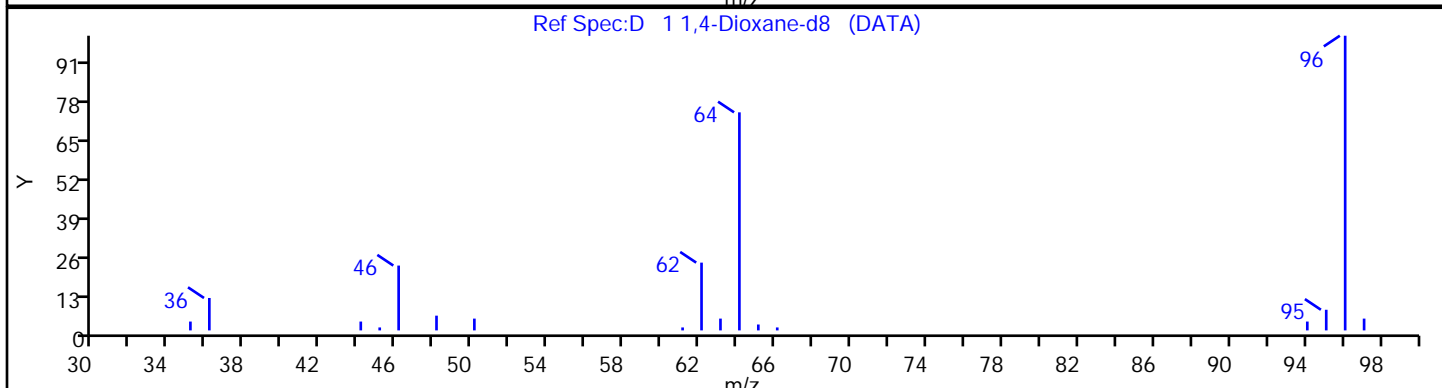
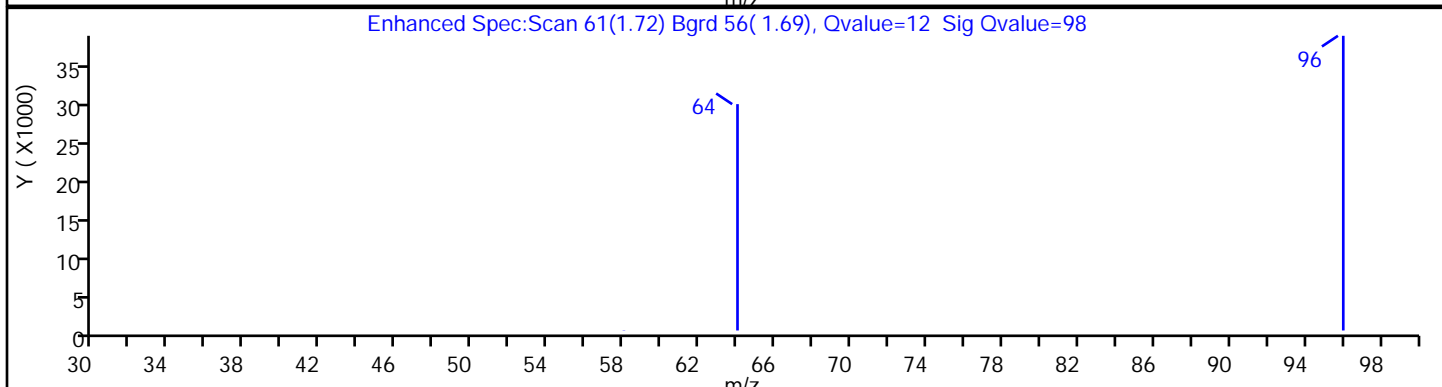
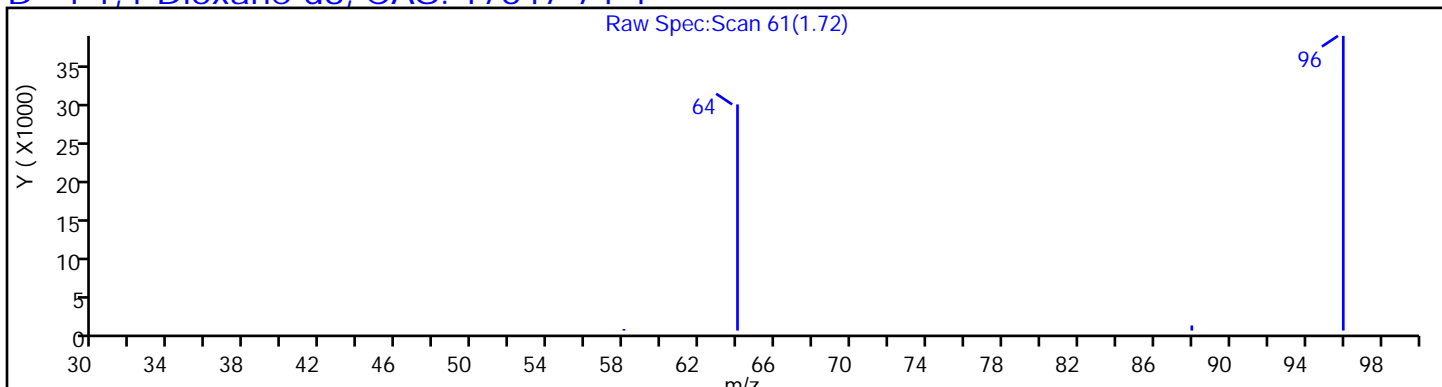
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

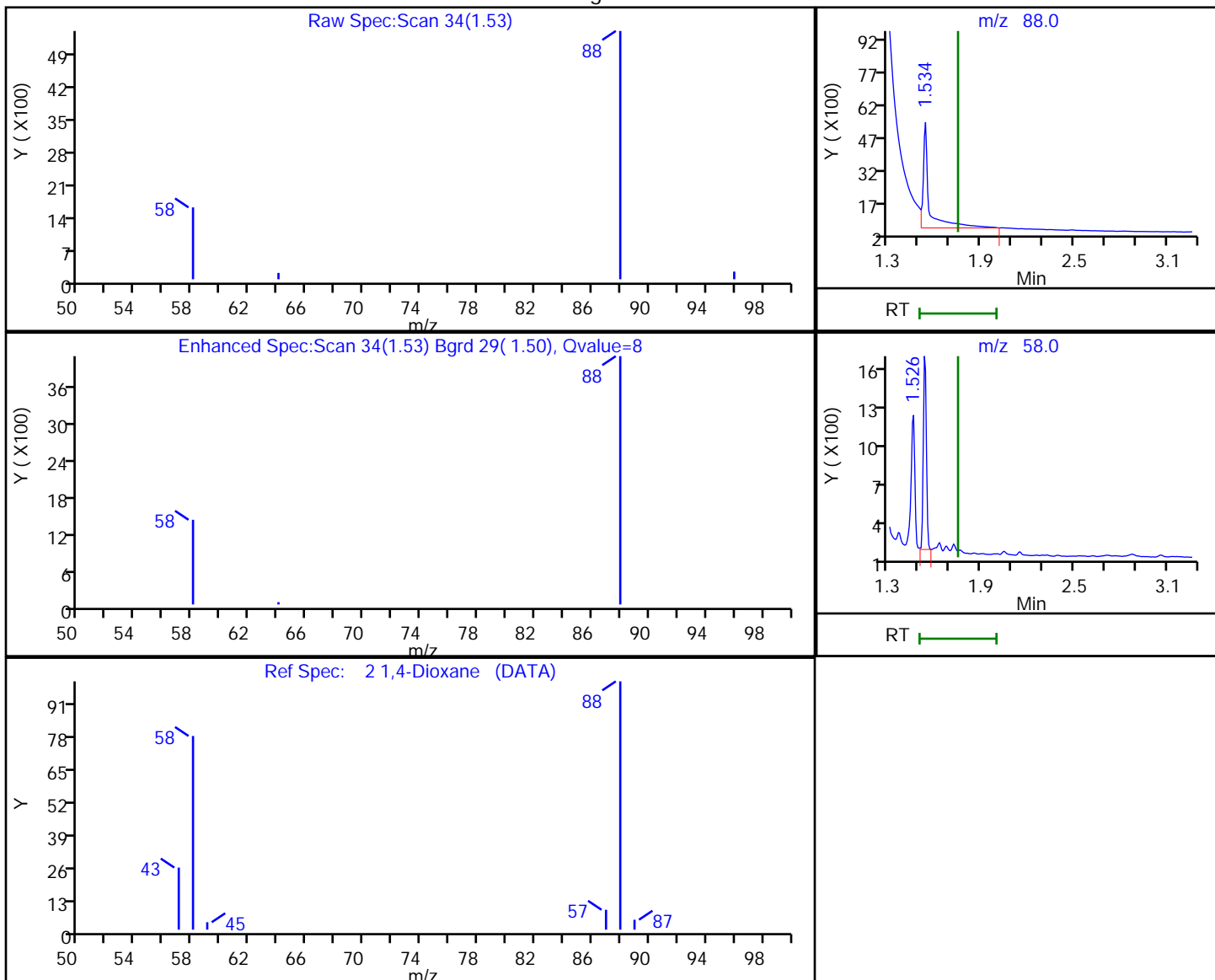


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1033.D
Injection Date: 24-Aug-2020 01:46:30 Instrument ID: CBNAMS13
Lims ID: 460-216635-E-4-A Lab Sample ID: 460-216635-4
Client ID: DEC1D2_20200820
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.53	88.00	13240	0.738841
1.53	58.00	2071	

Reviewer: khlungprakhons, 24-Aug-2020 13:28:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC_GW_DUPE_20200820 Lab Sample ID: 460-216635-6
 Matrix: Water Lab File ID: C1034.D
 Analysis Method: 8270D SIM ID Date Collected: 08/20/2020 00:00
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 02:02
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	41		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1034.D
 Lims ID: 460-216635-E-6-A
 Client ID: DEC_GW_DUPE_20200820
 Sample Type: Client
 Inject. Date: 24-Aug-2020 02:02:30 ALS Bottle#: 12 Worklist Smp#: 12
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-012
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:29:06 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:29:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
----------	-----	-----------	---------------	---------------	---	----------	-----------------	------	-------

D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	13	66833	1.65	41.2	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	38435	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1034.D

Injection Date: 24-Aug-2020 02:02:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-E-6-A

Lab Sample ID: 460-216635-6

Worklist Smp#: 12

Client ID: DEC_GW_DUPE_20200820

Injection Vol: 5.0 ul

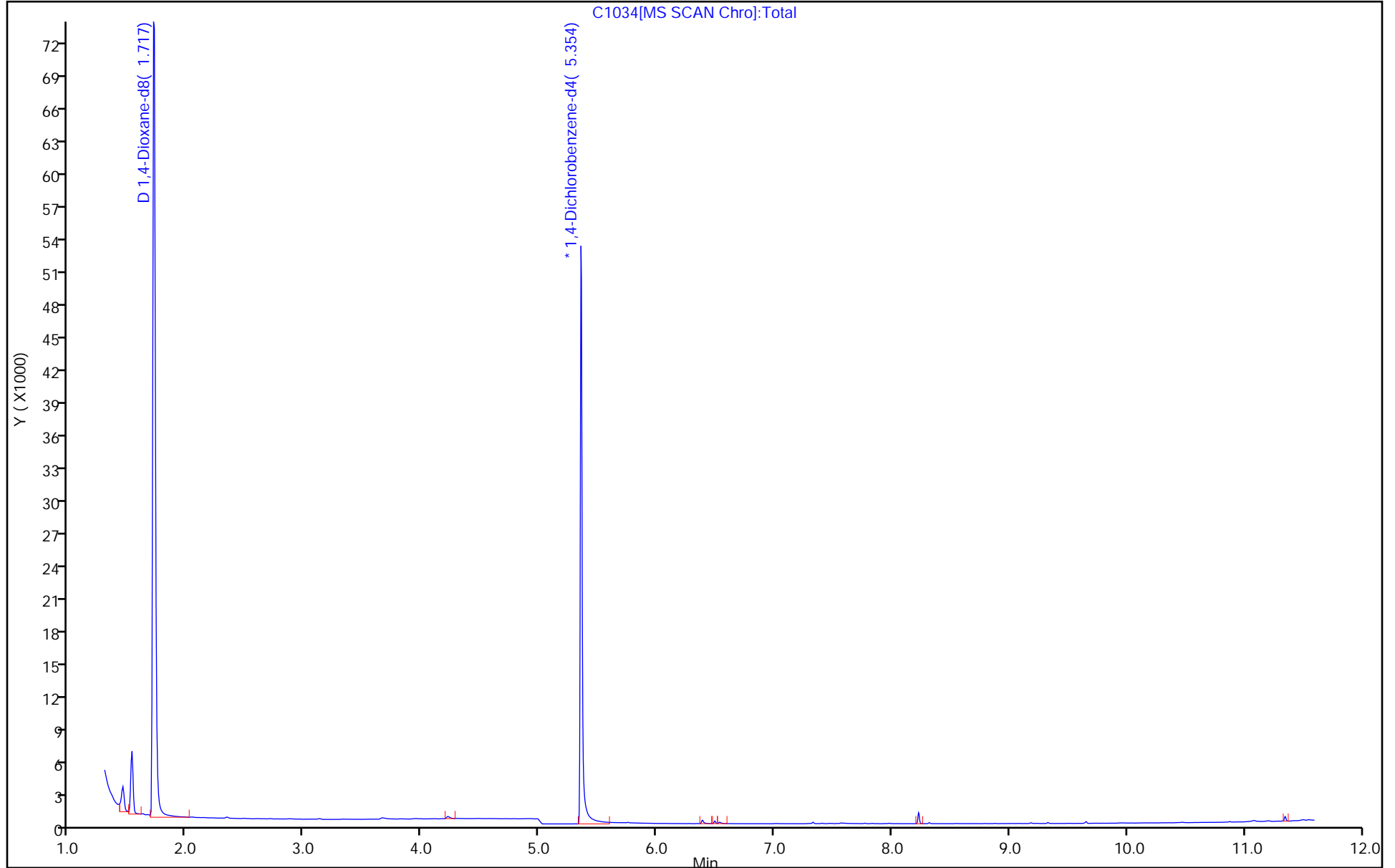
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1034.D

Injection Date: 24-Aug-2020 02:02:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-E-6-A

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#: 12

Worklist Smp#: 12

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

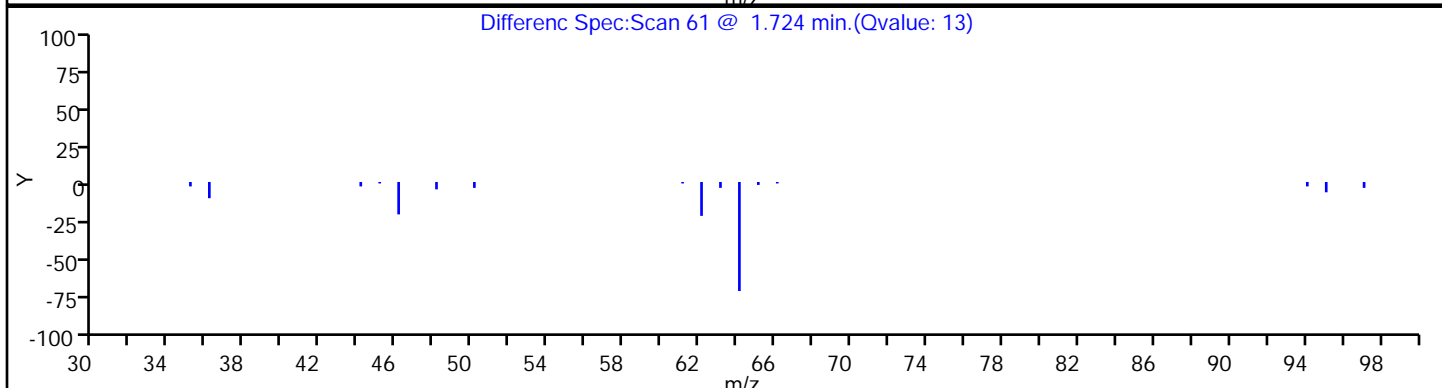
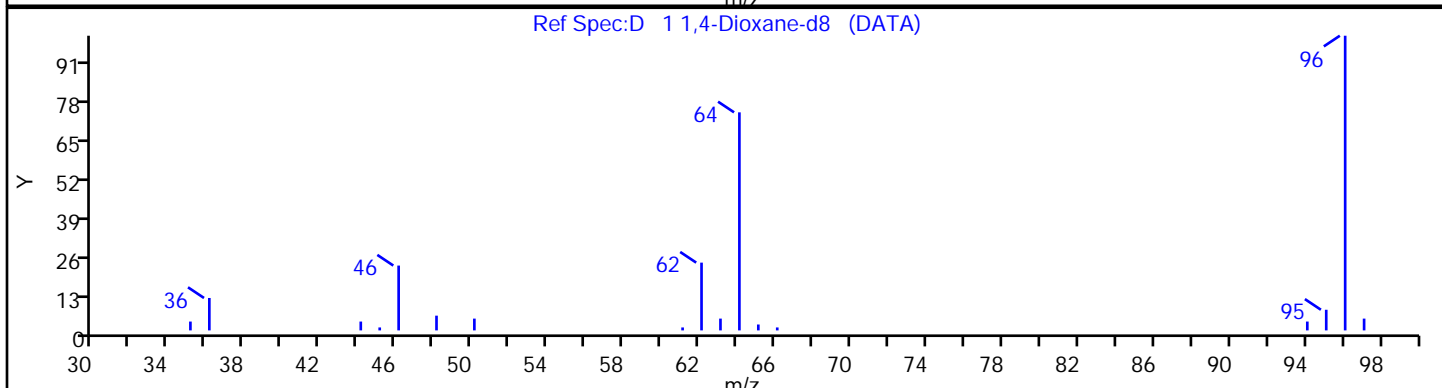
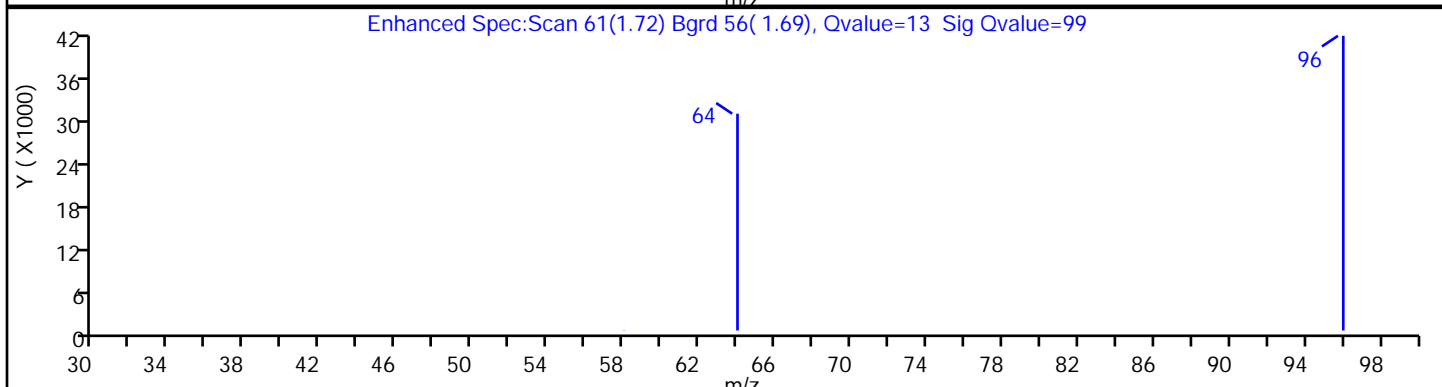
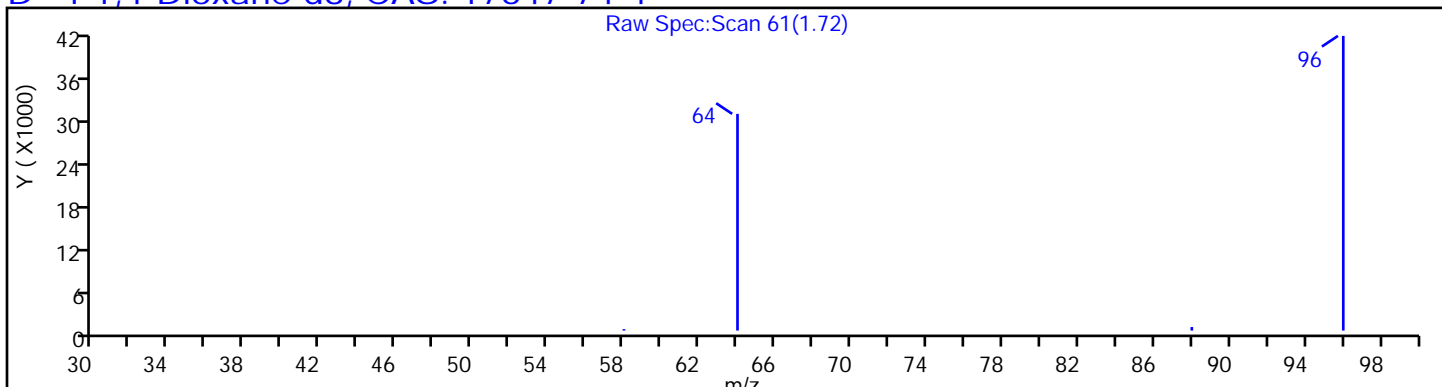
Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1034.D

Injection Date: 24-Aug-2020 02:02:30

Instrument ID: CBNAMS13

Lims ID: 460-216635-E-6-A

Lab Sample ID: 460-216635-6

Client ID: DEC_GW_DUPE_20200820

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 12

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Isotope

Limit Group:

MSS 8270 Isotope Dilution IS

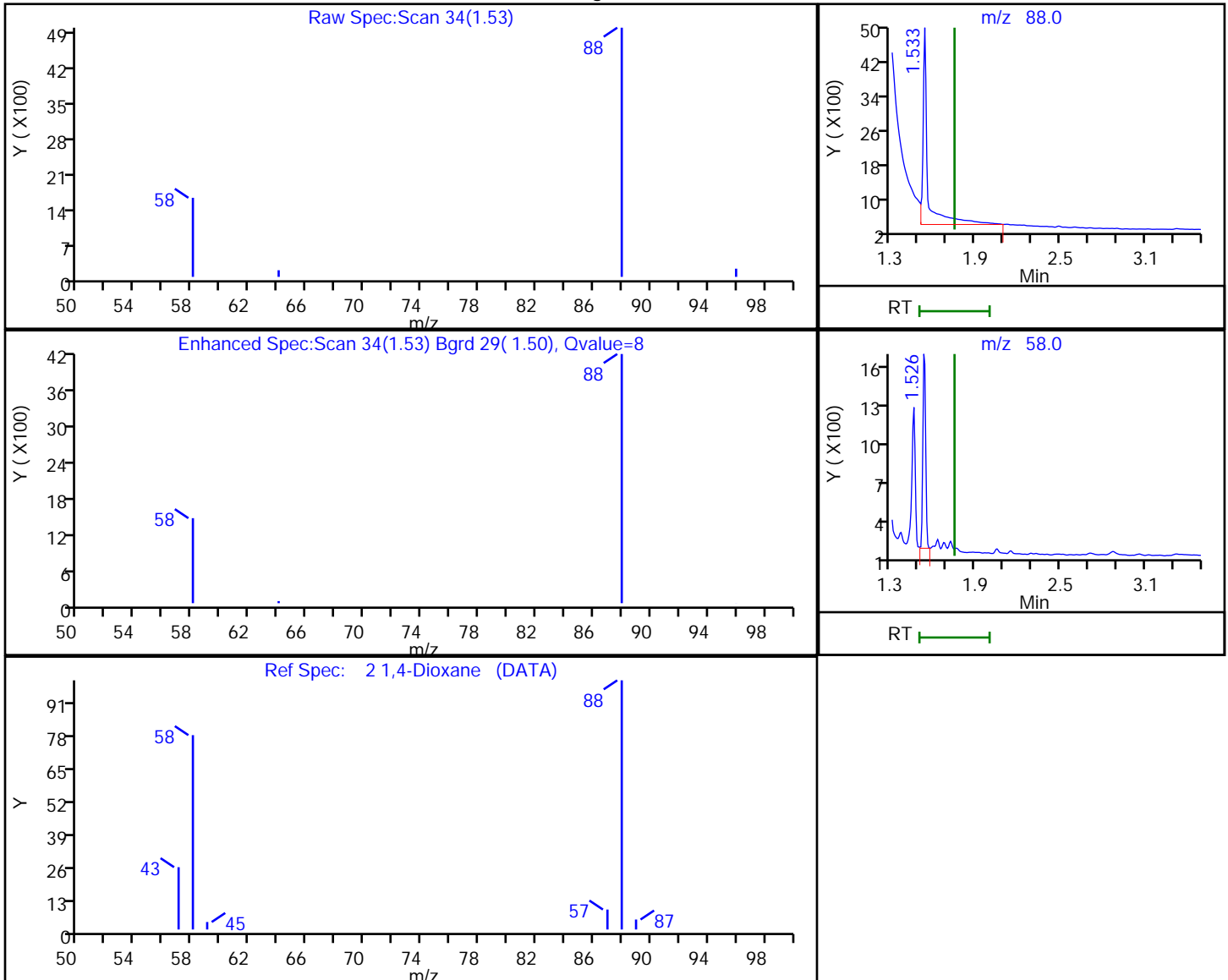
Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.53	88.00	10857	0.554098
1.53	58.00	2084	

Reviewer: khlungprakhons, 24-Aug-2020 13:29:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1 Analy Batch No.: 690453

SDG No.: _____

Instrument ID: CBNAM13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 14:13 Calibration End Date: 04/27/2020 16:04 Calibration ID: 79496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-690453/9	C6767.D
Level 2	STD2 460-690453/8	C6766.D
Level 3	STD3 460-690453/7	C6765.D
Level 4	STD4 460-690453/6	C6764.D
Level 5	ICIS 460-690453/2	C6760.D
Level 6	STD6 460-690453/5	C6763.D
Level 7	STD7 460-690453/4	C6762.D
Level 8	STD8 460-690453/3	C6761.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	1.3189	1.2723	1.1952	1.1353	1.1713	AveID		1.1727			7.3		50.0				
1,4-Dioxane-d8	0.2153	0.2167	0.2117	0.2133	0.1960	Ave		0.2112			3.7		50.0				
	0.2146	0.2194	0.2027														

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.: 460-216635-1 Analy Batch No.: 690453

SDG No.: _____

Instrument ID: CBNAMS13 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 14:13 Calibration End Date: 04/27/2020 16:04 Calibration ID: 79496

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-690453/9	C6767.D
Level 2	STD2 460-690453/8	C6766.D
Level 3	STD3 460-690453/7	C6765.D
Level 4	STD4 460-690453/6	C6764.D
Level 5	ICIS 460-690453/2	C6760.D
Level 6	STD6 460-690453/5	C6763.D
Level 7	STD7 460-690453/4	C6762.D
Level 8	STD8 460-690453/3	C6761.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
1,4-Dioxane		AveID	683 28920	1313 57814	3172 284321	6016	12828	0.0200 1.00	0.0400 2.00	0.100 10.0	0.200	0.500
1,4-Dioxane-d8	DCBd 4	Ave	103570 106134	103197 106815	106156 101884	105982	87618	4.00 4.00	4.00 4.00	4.00 4.00	4.00	4.00

Curve Type Legend:

Ave = Average ISTD
AveID = Average isotope dilution

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6760.D
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 27-Apr-2020 14:13:30 ALS Bottle#: 9 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-002
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:25 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 14:33:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.038	2.038	0.000	12	87618	4.00	3.71	
2 1,4-Dioxane	88	2.073	2.073	0.000	15	12828	0.5000	0.4994	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	22355	0.2000	0.2000	

Reagents:

SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6760.D

Injection Date: 27-Apr-2020 14:13:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: icis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

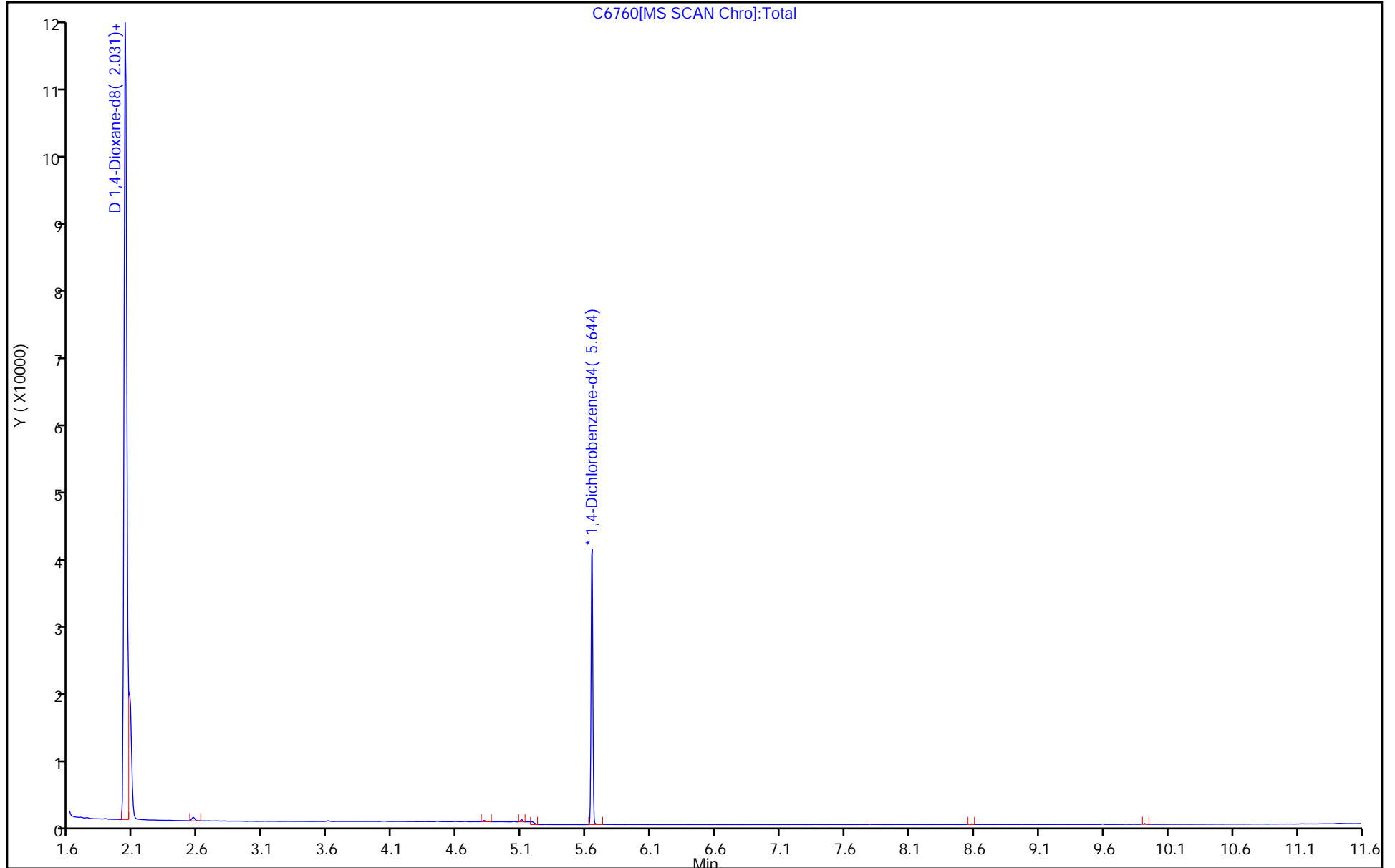
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6761.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 27-Apr-2020 14:29:30 ALS Bottle#: 10 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-003
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:25 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 15:34:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.038	2.038	0.000	7	101884	4.00	3.84	
2 1,4-Dioxane	88	2.066	2.073	-0.007	15	284321	10.0	9.52	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	25130	0.2000	0.2000	

Reagents:

SM_ISOTOPL8_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6761.D

Injection Date: 27-Apr-2020 14:29:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD8

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

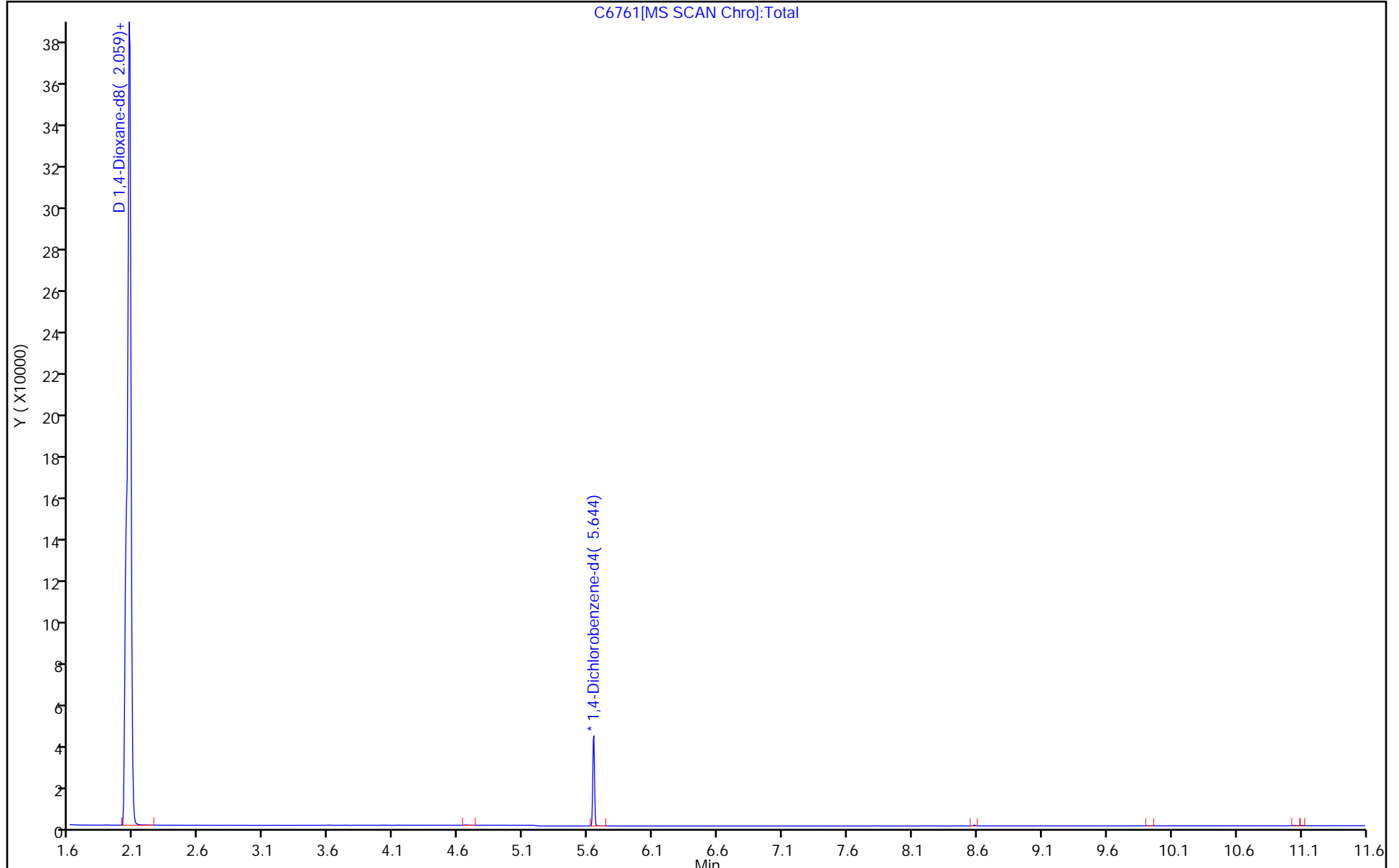
ALS Bottle#: 10

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

C6761[MS SCAN Chro]:Total



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6762.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 27-Apr-2020 14:45:30 ALS Bottle#: 11 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-004
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:25 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 15:34:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.038	0.007	11	106815	4.00	4.16	
2 1,4-Dioxane	88	2.073	2.073	0.000	11	57814	2.00	1.85	
* 4 1,4-Dichlorobenzene-d4	150	5.644	5.640	0.004	1	24340	0.2000	0.2000	

Reagents:

SM_ISOTOPL7_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6762.D

Injection Date: 27-Apr-2020 14:45:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD7

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

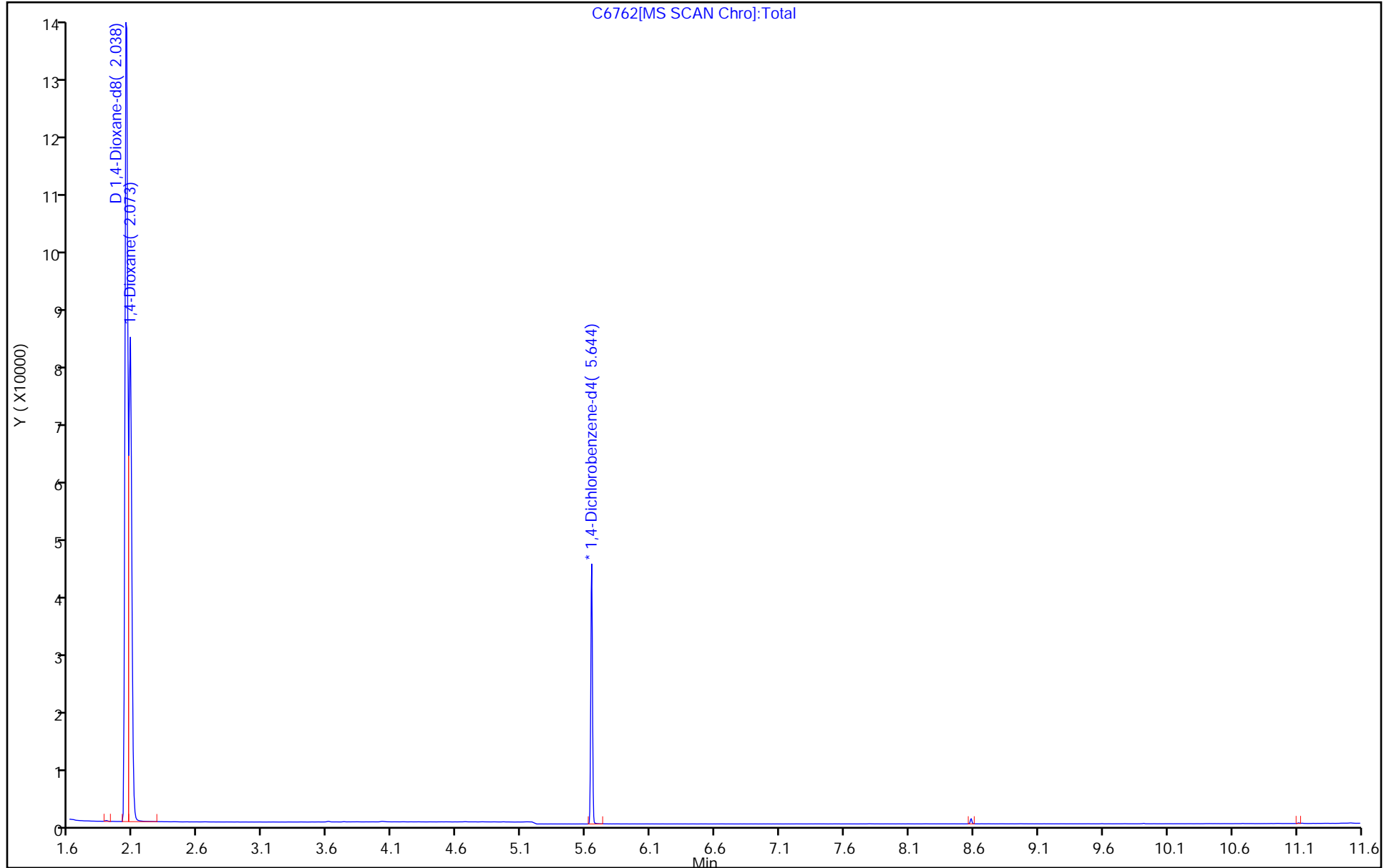
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6763.D
 Lims ID: STD6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 27-Apr-2020 15:01:30 ALS Bottle#: 12 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-005
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:25 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 15:34:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.038	0.007	12	106134	4.00	4.07	
2 1,4-Dioxane	88	2.073	2.073	0.000	9	28920	1.00	0.9294	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	24723	0.2000	0.2000	

Reagents:

SM_ISOTOPL6_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6763.D

Injection Date: 27-Apr-2020 15:01:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD6

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

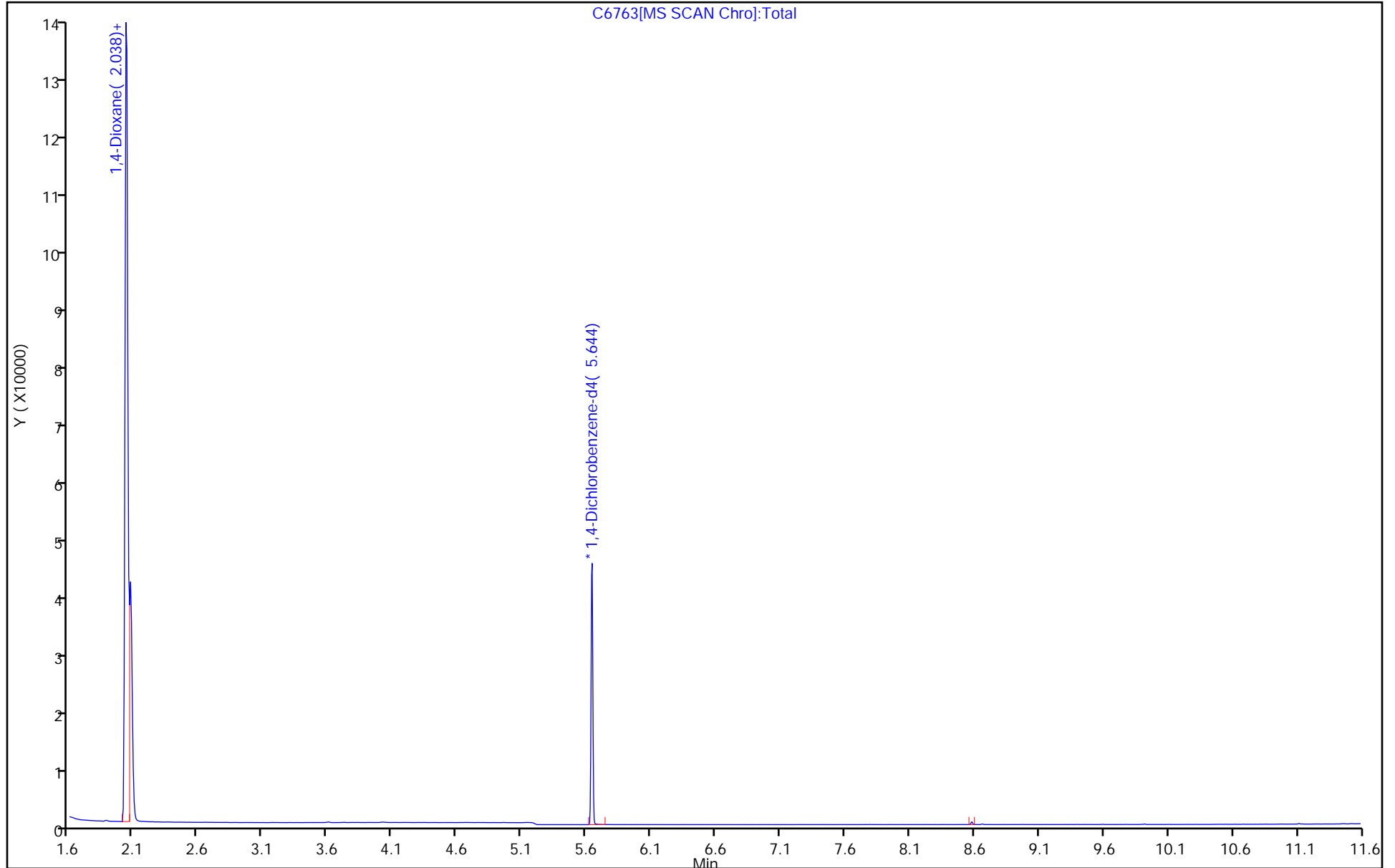
Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6764.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 27-Apr-2020 15:16:30 ALS Bottle#: 13 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-006
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:26 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 15:34:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.038	0.007	12	105982	4.00	4.04	
2 1,4-Dioxane	88	2.080	2.073	0.007	13	6016	0.2000	0.1936	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	24840	0.2000	0.2000	

Reagents:

SM_ISOTOPL4_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6764.D

Injection Date: 27-Apr-2020 15:16:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD4

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

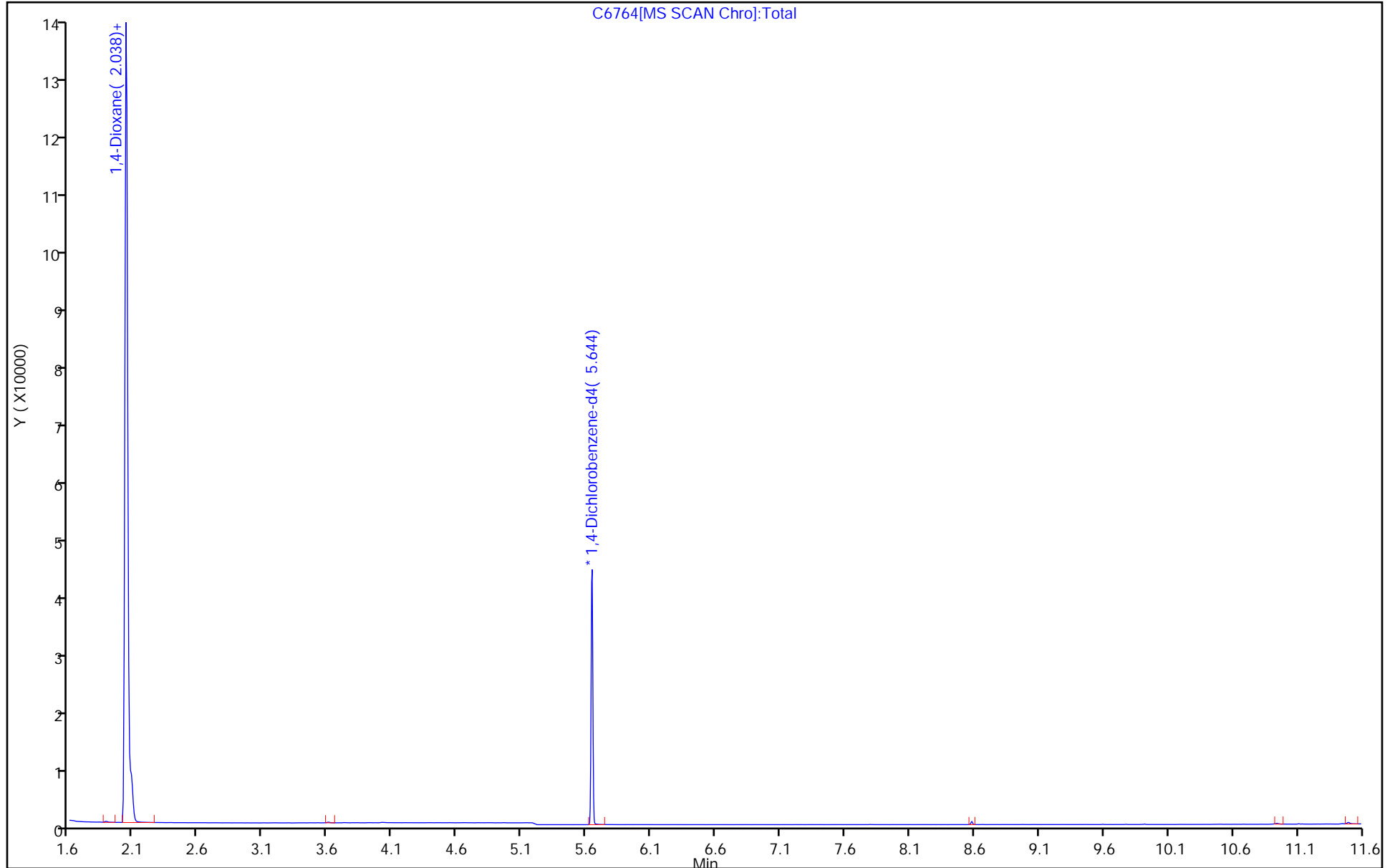
Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6765.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 27-Apr-2020 15:32:30 ALS Bottle#: 14 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-007
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:26 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 27-Apr-2020 15:48:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.045	0.000	11	106156	4.00	4.01	
2 1,4-Dioxane	88	2.080	2.080	0.000	10	3172	0.1000	0.1019	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	25072	0.2000	0.2000	

Reagents:

SM_ISOTOPL3_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6765.D

Injection Date: 27-Apr-2020 15:32:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD3

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

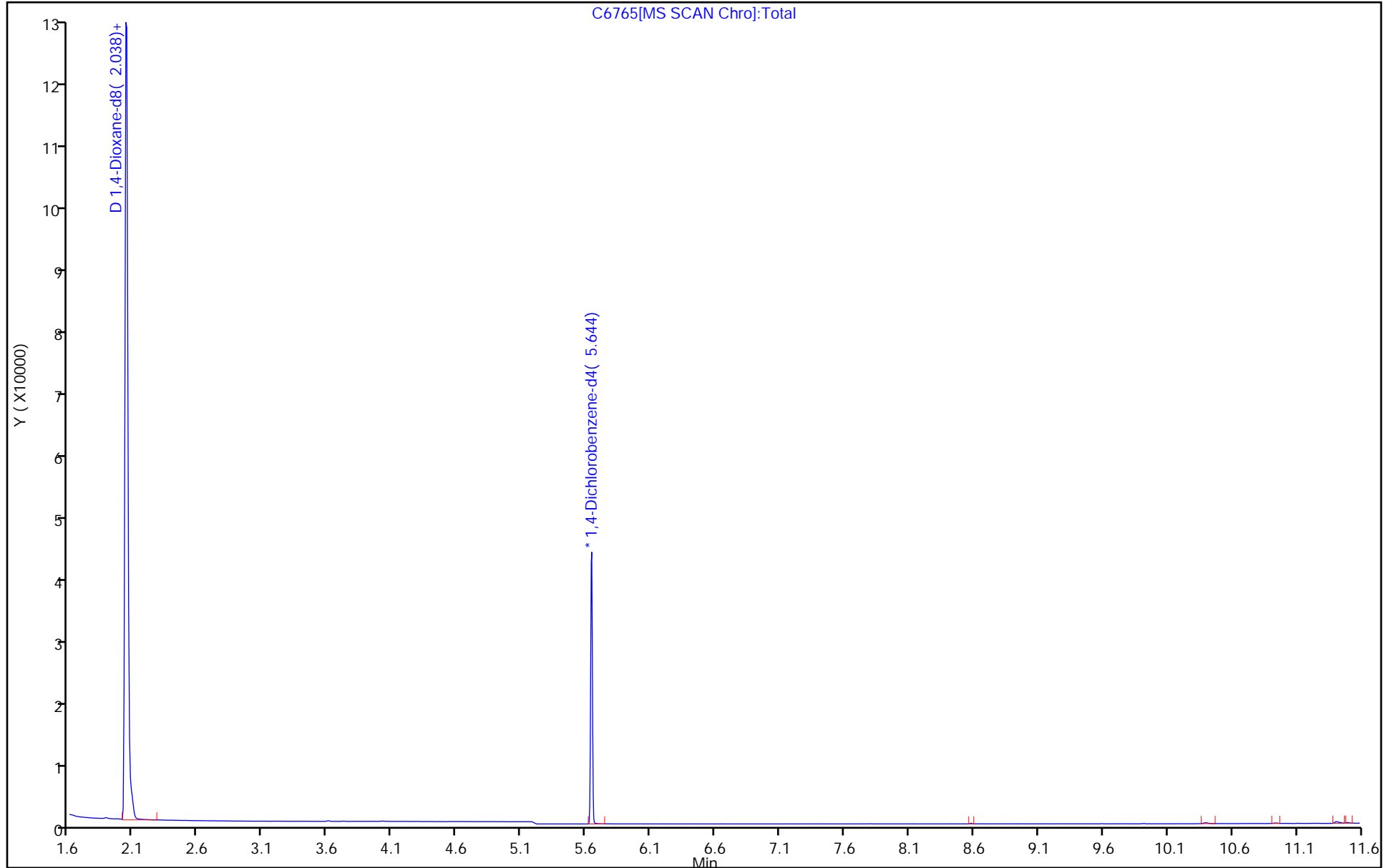
Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6766.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 27-Apr-2020 15:48:30 ALS Bottle#: 15 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-008
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:26 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 28-Apr-2020 07:12:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.045	0.000	12	103197	4.00	4.10	
2 1,4-Dioxane	88	2.087	2.080	0.007	20	1313	0.0400	0.0434	
* 4 1,4-Dichlorobenzene-d4	150	5.640	5.640	0.000	1	23814	0.2000	0.2000	

Reagents:

SM_ISOTOPL2_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6766.D

Injection Date: 27-Apr-2020 15:48:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD2

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

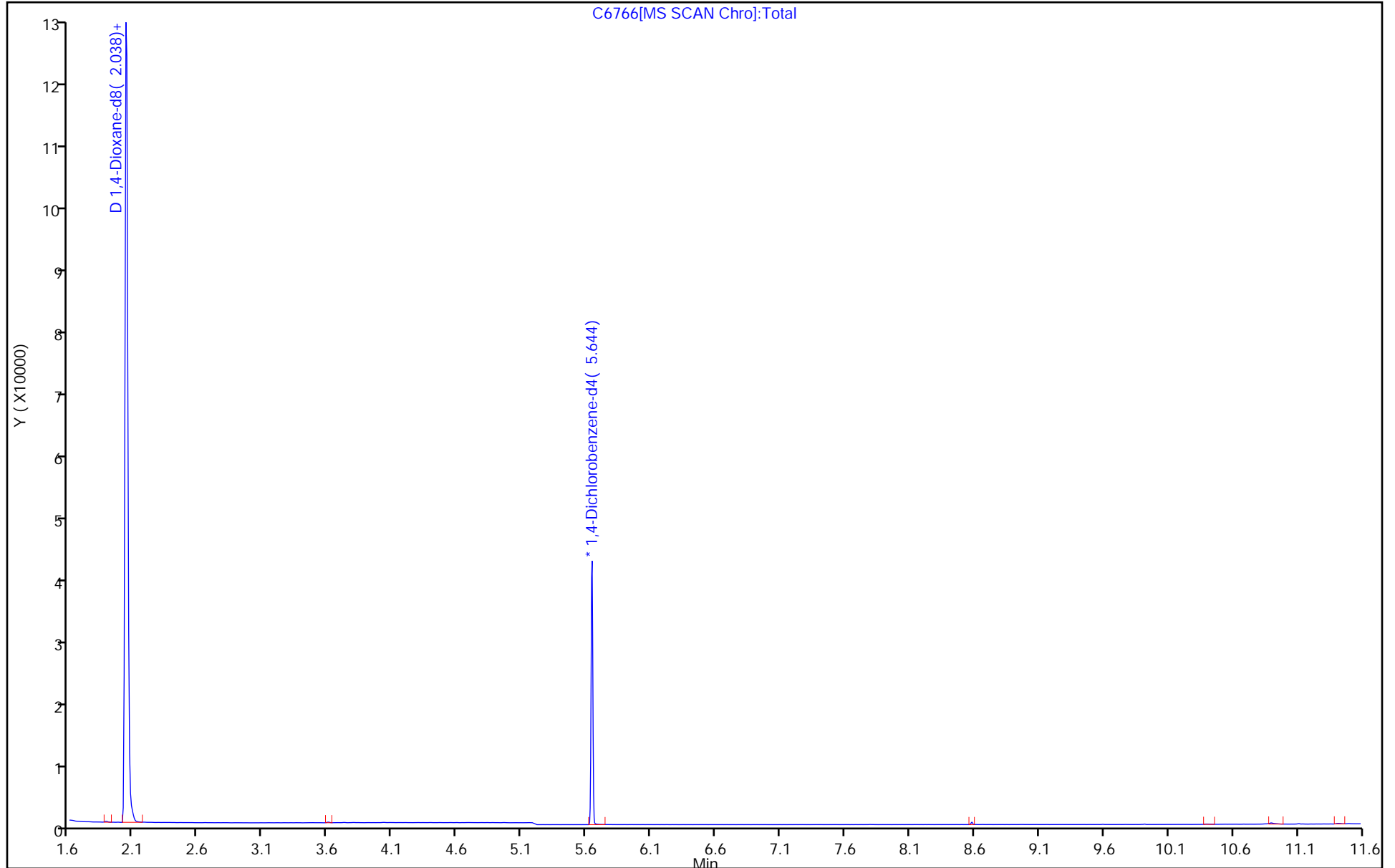
Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 27-Apr-2020 16:04:30 ALS Bottle#: 16 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-009
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 07:26:27 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 28-Apr-2020 07:12:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.045	2.045	0.000	12	103570	4.00	4.08	
2 1,4-Dioxane	88	2.087	2.080	0.007	18	683	0.0200	0.0225	
* 4 1,4-Dichlorobenzene-d4	150	5.644	5.640	0.004	1	24058	0.2000	0.2000	

Reagents:

SM_ISOTOPL1_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D

Injection Date: 27-Apr-2020 16:04:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

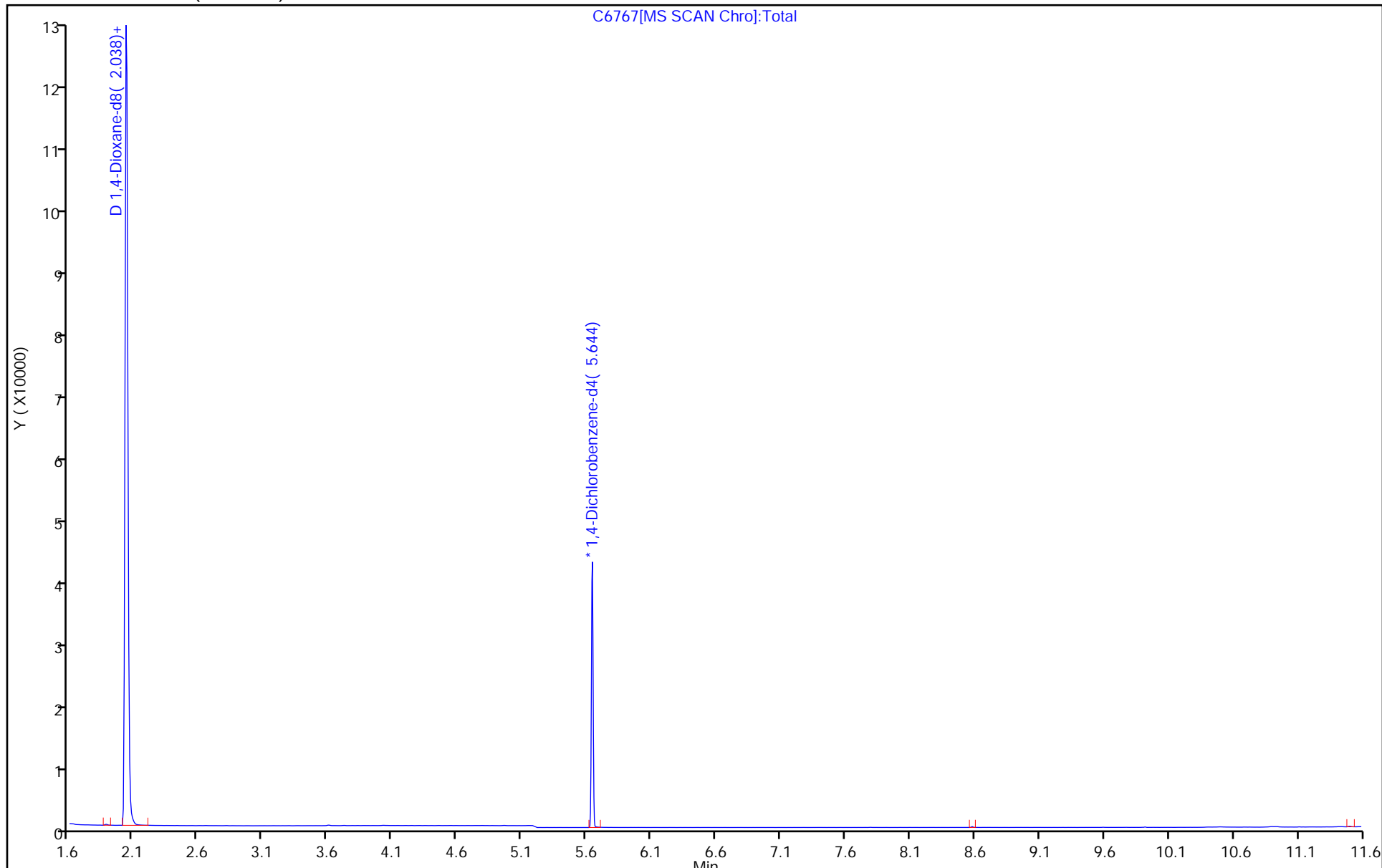
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



C6767[MS SCAN Chro]:Total

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719128/2 Calibration Date: 08/23/2020 23:18
 Instrument ID: CBNAMS13 Calib Start Date: 04/27/2020 14:13
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 04/27/2020 16:04
 Lab File ID: C1024.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.173	1.196		510	500	2.0	50.0
1,4-Dioxane-d8	Ave	0.2112	0.2184		4140	4000	3.4	50.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1024.D
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Aug-2020 23:18:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-002
 Operator ID: Instrument ID: CBNAMS13
 Sublist: chrom-8270_Isotope*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 14:47:08 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1070

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:23:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.710	1.710	0.000	10	172045	4.00	4.14	
2 1,4-Dioxane	88	1.745	1.745	0.000	16	25721	0.5000	0.5099	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	39392	0.2000	0.2000	

Reagents:

SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1024.D

Injection Date: 23-Aug-2020 23:18:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

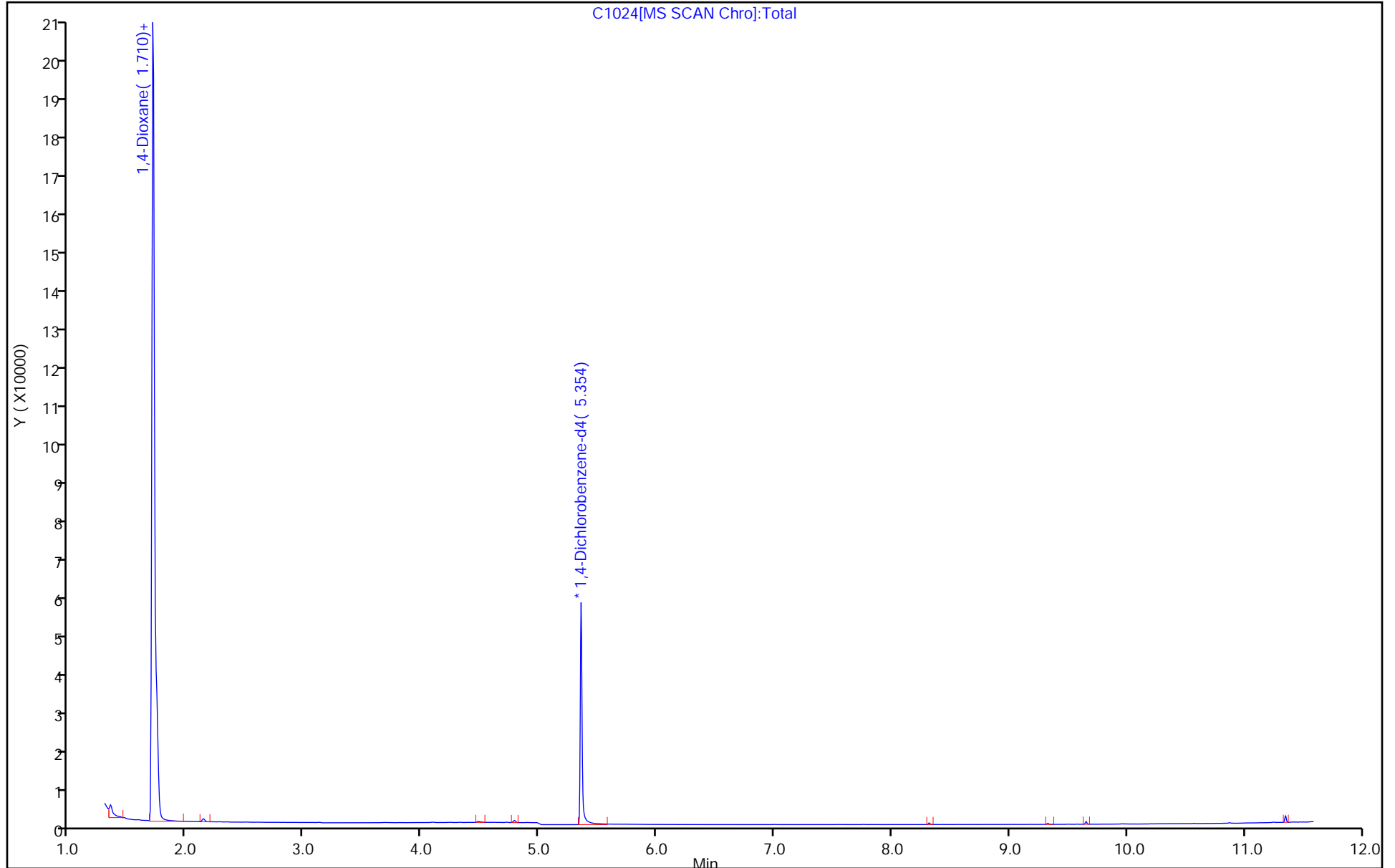
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 27-Apr-2020 11:29:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109204-001
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 28-Apr-2020 09:57:46 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1039

First Level Reviewer: johnstonm1 Date: 28-Apr-2020 09:57:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
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3 DFTPP

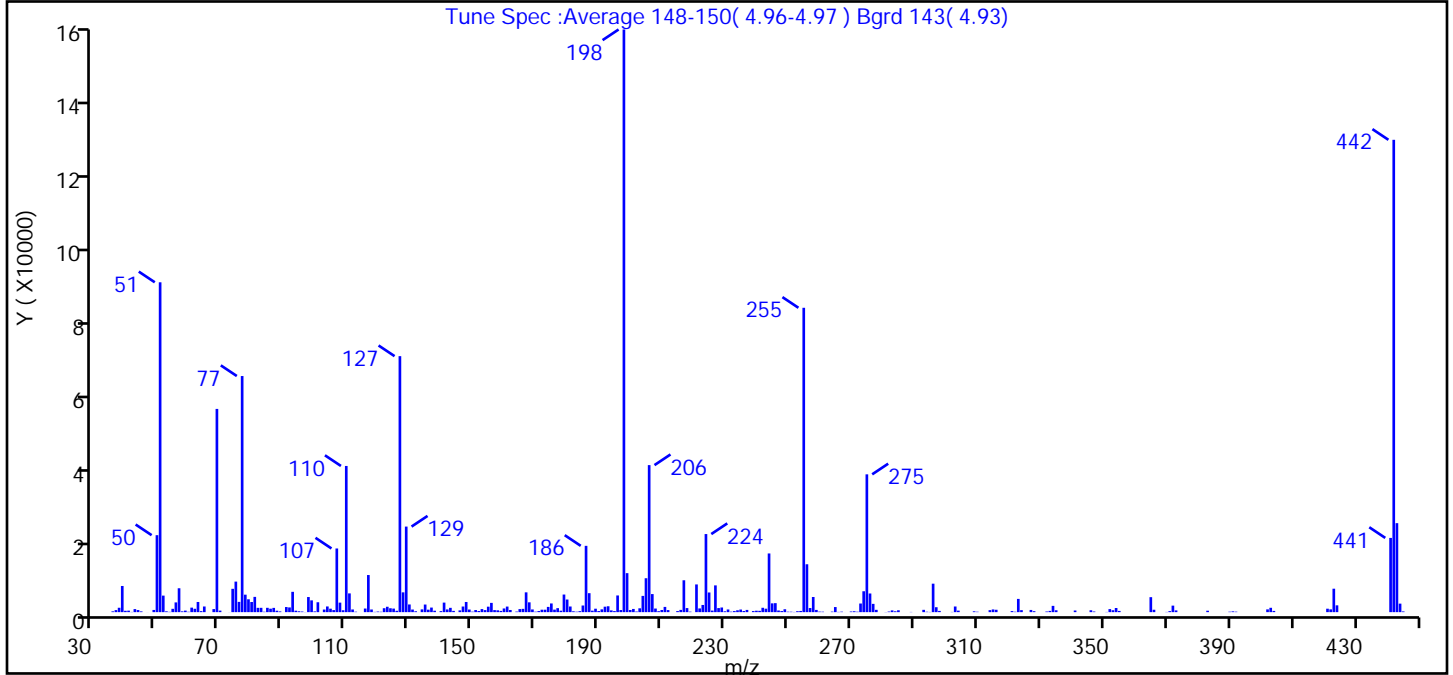
Reagents:

SMDFTP_CH_00030 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D
 Injection Date: 27-Apr-2020 11:29:30 Instrument ID: CBNAMS13
 Lims ID: DFTPP
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: 8270_Isotope Limit Group: MSS 8270 Isotope Dilution IS
 Tune Method: DFTPP Method 8270

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	56.6
68	<2% of mass 69	0.5 (1.5)
69	Present	34.9
70	<2% of mass 69	0.3 (0.8)
127	40-60% of mass 198	43.9
197	<1% of mass 198	0.4
199	5-9% of mass 198	6.7
275	10-30% of mass 198	23.7
365	>1% of mass 198	2.6
441	Present but less than mass 443	12.7 (83.4)
442	>40% of mass 198	81.1
443	17-23% of mass 442	15.3 (18.8)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D\8270_Isotope.rslt\spectra.d
Injection Date: 27-Apr-2020 11:29:30
Spectrum: Tune Spec :Average 148-150(4.96-4.97) Bgrd 143(4.93)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 283

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	210	117.00	9779	191.00	737	268.00	6
37.00	541	118.00	699	192.00	1438	270.00	167
38.00	1155	119.00	69	193.00	1552	271.00	233
39.00	6893	120.00	155	194.00	462	272.00	113
40.00	354	121.00	101	195.00	283	273.00	2272
41.00	393	122.00	1034	196.00	4397	274.00	5506
42.00	57	123.00	1419	197.00	551	275.00	36312
43.00	801	124.00	1025	198.00	153536	276.00	4916
44.00	556	125.00	936	199.00	10275	277.00	2181
45.00	199	126.00	354	200.00	565	278.00	609
47.00	10	127.00	67456	201.00	843	281.00	36
49.00	578	128.00	5214	202.00	164	282.00	156
50.00	20280	129.00	22544	203.00	1011	283.00	461
51.00	86920	130.00	2023	204.00	4281	284.00	227
52.00	4356	131.00	688	205.00	8936	285.00	491
53.00	217	132.00	233	206.00	38744	289.00	54
54.00	79	133.00	7	207.00	4759	293.00	608
55.00	876	134.00	729	208.00	948	294.00	107
56.00	2566	135.00	2005	209.00	253	295.00	53
57.00	6294	136.00	649	210.00	570	296.00	7503
58.00	211	137.00	1207	211.00	1379	297.00	1299
59.00	402	138.00	373	212.00	546	298.00	327
60.00	96	140.00	268	215.00	279	302.00	57
61.00	1190	141.00	2514	216.00	595	303.00	1488
62.00	888	142.00	715	217.00	8398	304.00	395
63.00	2679	143.00	1137	218.00	1069	309.00	215
64.00	268	144.00	329	219.00	126	310.00	108
65.00	1490	146.00	464	221.00	7301	314.00	527
68.00	803	147.00	1483	222.00	978	315.00	712
69.00	53552	148.00	2679	223.00	1891	316.00	625
70.00	405	149.00	686	224.00	20576	321.00	280
73.00	17	150.00	127	225.00	5180	322.00	110
74.00	6145	151.00	556	226.00	410	323.00	3488

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D\8270_Isotope.rslt\spectra.d

Injection Date: 27-Apr-2020 11:29:30

Spectrum: Tune Spec :Average 148-150(4.96-4.97) Bgrd 143(4.93)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 283

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	8047	152.00	295	227.00	7050	324.00	528
76.00	2704	153.00	807	228.00	1068	327.00	578
77.00	62216	154.00	537	229.00	1224	328.00	252
78.00	4604	155.00	1439	230.00	224	332.00	167
79.00	3390	156.00	2440	231.00	702	333.00	327
80.00	2670	157.00	538	232.00	121	334.00	1653
81.00	4022	158.00	478	233.00	279	335.00	496
82.00	1133	159.00	324	234.00	489	341.00	431
83.00	1140	160.00	967	235.00	685	346.00	499
84.00	108	161.00	1469	236.00	300	347.00	166
85.00	1140	162.00	569	237.00	586	351.00	52
86.00	911	164.00	148	239.00	281	352.00	802
87.00	1123	165.00	805	240.00	374	353.00	507
88.00	378	166.00	865	241.00	347	354.00	1090
89.00	190	167.00	5218	242.00	1149	355.00	323
91.00	1343	168.00	2585	243.00	910	365.00	3947
92.00	1242	169.00	710	244.00	15464	366.00	632
93.00	5353	170.00	121	245.00	2317	370.00	55
94.00	380	171.00	292	246.00	2369	371.00	268
95.00	229	172.00	643	247.00	433	372.00	1717
96.00	159	173.00	641	248.00	288	373.00	460
97.00	28	174.00	1382	249.00	762	383.00	374
98.00	3981	175.00	2291	250.00	117	390.00	113
99.00	3106	176.00	662	251.00	110	391.00	204
100.00	197	177.00	1052	252.00	51	392.00	123
101.00	2607	178.00	377	253.00	246	402.00	732
103.00	688	179.00	4641	254.00	310	403.00	1148
104.00	1498	180.00	3326	255.00	80200	404.00	322
105.00	910	181.00	1487	256.00	12617	421.00	904
106.00	540	182.00	226	257.00	1084	422.00	734
107.00	16776	183.00	119	258.00	3992	423.00	6176
108.00	2507	184.00	256	259.00	585	424.00	1793
109.00	501	185.00	1749	260.00	140	441.00	19560
110.00	38520	186.00	17472	261.00	117	442.00	124464

Report Date: 28-Apr-2020 09:57:47

Chrom Revision: 2.3 11-Mar-2020 18:53:20

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D\8270_Isotope.rslt\spectra.d

Injection Date: 27-Apr-2020 11:29:30

Spectrum: Tune Spec :Average 148-150(4.96-4.97) Bgrd 143(4.93)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 283

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	4940	187.00	4998	264.00	139	443.00	23448
112.00	706	188.00	383	265.00	1340	444.00	2244
113.00	115	189.00	907	266.00	60	445.00	185
116.00	953	190.00	288	267.00	127		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6752A.D

Injection Date: 27-Apr-2020 11:29:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

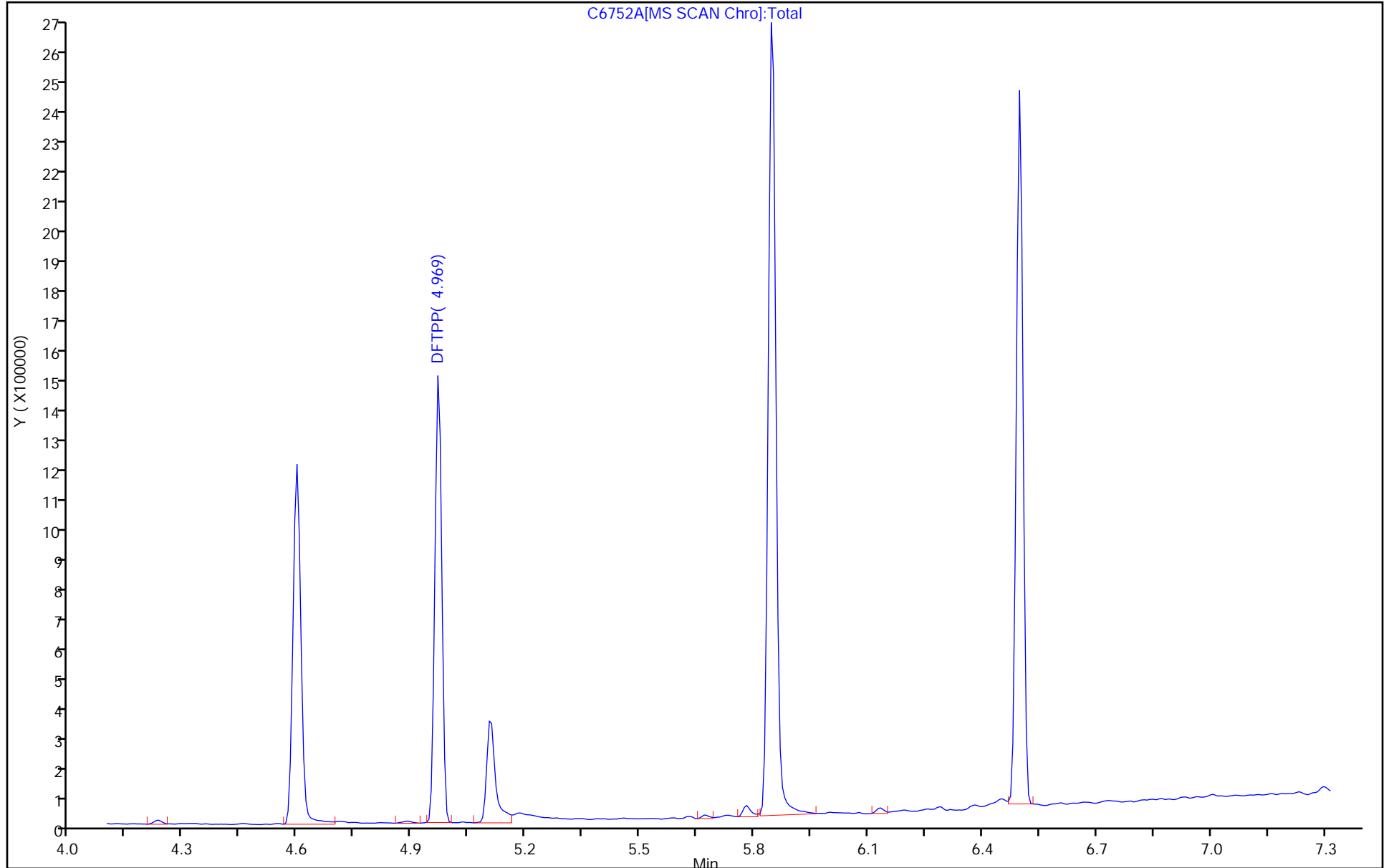
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 23-Aug-2020 22:57:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-001
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:23:46 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:23:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
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3 DFTPP

Reagents:

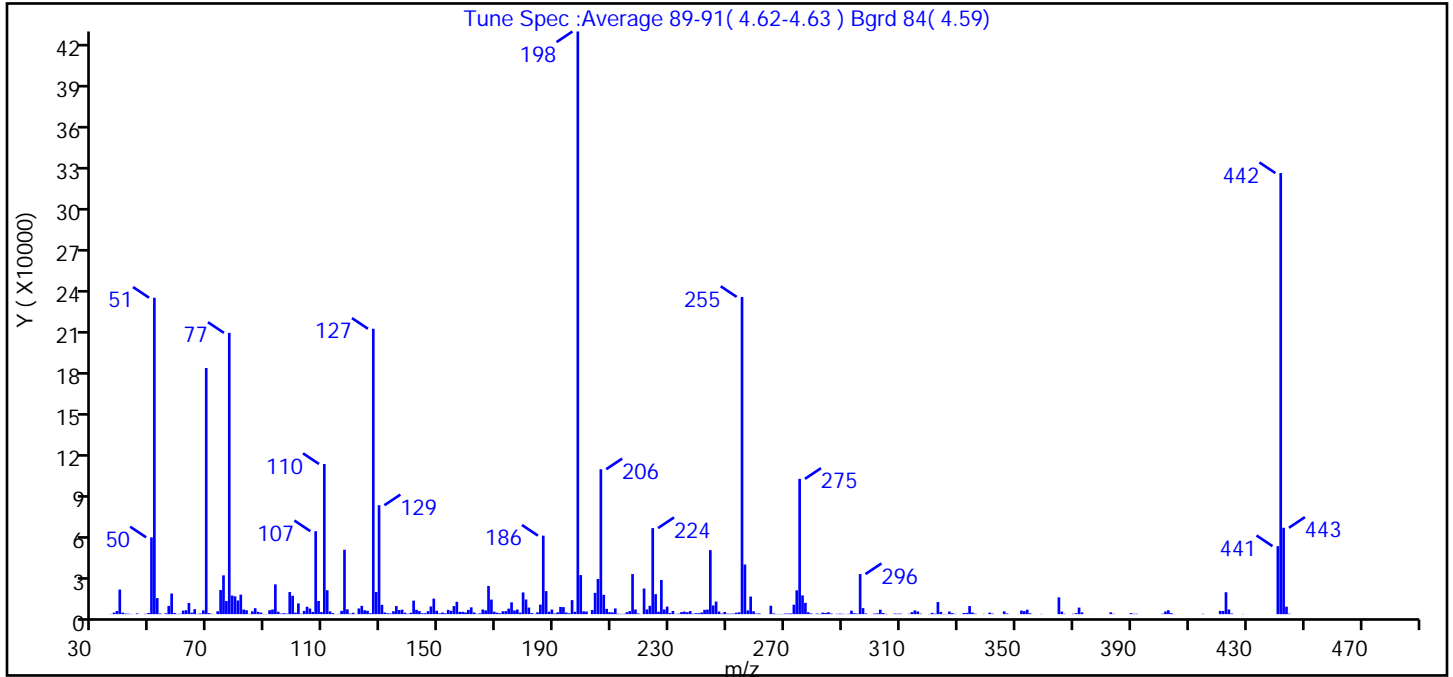
SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D
 Injection Date: 23-Aug-2020 22:57:30 Instrument ID: CBNAMS13
 Lims ID: DFTPP
 Client ID:
 Operator ID:
 Injection Vol: 5.0 ul
 Method: 8270_Isotope
 Tune Method: DFTPP Method 8270D, BP 198

ALS Bottle#: 1 Worklist Smp#: 1
 Dil. Factor: 1.0000
 Limit Group: MSS 8270 Isotope Dilution IS

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	base peak, or >50% of 442	100.0 (132.1)
51	10-80% of the base peak	54.3
68	<2% of mass 69	0.7 (1.5)
69	Present	42.2
70	<2% of mass 69	0.2 (0.4)
127	10-80% of the base peak	49.0
197	<2% of mass 198	0.4
199	5-9% of mass 198	6.7
275	10-60% of the base peak	23.2
365	>1% of mass 198	2.9
441	present but <24% of mass 442	11.7 (15.4)
442	base peak, or >50% of 198	75.7
443	15-24% of mass 442	14.8 (19.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D\8270_Isotope.rslt\spectra.d
Injection Date: 23-Aug-2020 22:57:30
Spectrum: Tune Spec :Average 89-91(4.62-4.63) Bgrd 84(4.59)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 327

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	155	121.00	139	204.00	15574	290.00	240
37.00	1095	122.00	4135	205.00	25760	291.00	59
38.00	2301	123.00	6048	206.00	106048	292.00	251
39.00	18008	124.00	2830	207.00	14126	293.00	2569
40.00	1088	125.00	2457	208.00	3869	294.00	674
41.00	440	126.00	679	209.00	1400	295.00	417
42.00	316	127.00	208832	210.00	1317	296.00	29328
43.00	140	128.00	16226	211.00	4178	297.00	4426
44.00	27	129.00	79688	212.00	289	298.00	486
45.00	540	130.00	6789	213.00	188	301.00	437
48.00	269	131.00	1203	214.00	218	302.00	571
49.00	863	132.00	638	215.00	1382	303.00	3293
50.00	56200	133.00	462	216.00	2234	304.00	822
51.00	231552	134.00	2127	217.00	29328	305.00	213
52.00	11716	135.00	5891	218.00	3414	308.00	413
53.00	481	136.00	3029	219.00	483	309.00	348
55.00	627	137.00	3290	220.00	93	310.00	371
56.00	6021	138.00	1039	221.00	18744	313.00	292
57.00	15105	139.00	273	222.00	3451	314.00	1514
58.00	880	140.00	1002	223.00	6107	315.00	2747
59.00	218	141.00	9896	224.00	62976	316.00	1962
60.00	277	142.00	3159	225.00	14632	317.00	348
61.00	2578	143.00	2178	226.00	1737	320.00	163
62.00	2858	144.00	630	227.00	25016	321.00	908
63.00	8153	145.00	690	228.00	3404	322.00	360
64.00	1066	146.00	2170	229.00	5520	323.00	8865
65.00	3642	147.00	5611	230.00	785	324.00	1675
66.00	197	148.00	11364	231.00	2315	325.00	147
67.00	518	149.00	2460	232.00	188	326.00	134
68.00	2784	150.00	574	233.00	361	327.00	1882
69.00	180096	151.00	1154	234.00	1541	328.00	777
70.00	741	152.00	609	235.00	1871	329.00	220
71.00	223	153.00	3121	236.00	1391	332.00	831

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D\8270_Isotope.rslt\spectra.d

Injection Date: 23-Aug-2020 22:57:30

Spectrum: Tune Spec :Average 89-91(4.62-4.63) Bgrd 84(4.59)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 327

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	23	154.00	2423	237.00	2214	333.00	933
73.00	2099	155.00	5918	238.00	311	334.00	5947
74.00	17600	156.00	9057	239.00	695	335.00	1202
75.00	28400	157.00	1666	240.00	709	336.00	322
76.00	9589	158.00	1701	241.00	1226	339.00	170
77.00	205824	159.00	1290	242.00	3158	341.00	1137
78.00	13598	160.00	3080	243.00	3342	342.00	385
79.00	13052	161.00	4964	244.00	46856	346.00	2062
80.00	10000	162.00	1243	245.00	6364	347.00	507
81.00	14292	163.00	247	246.00	9211	351.00	52
82.00	3366	164.00	603	247.00	1904	352.00	2617
83.00	2864	165.00	3372	248.00	444	353.00	2182
84.00	210	166.00	2741	249.00	1605	354.00	3275
85.00	2047	167.00	20656	250.00	350	355.00	616
86.00	4347	168.00	10645	251.00	335	356.00	68
87.00	1672	169.00	1742	252.00	435	357.00	10
88.00	1145	170.00	1060	253.00	1059	359.00	189
89.00	139	171.00	687	254.00	1347	365.00	12268
90.00	118	172.00	2119	255.00	232128	366.00	1877
91.00	2881	173.00	2199	256.00	36320	367.00	251
92.00	3418	174.00	4016	257.00	2718	370.00	298
93.00	21792	175.00	8638	258.00	12851	371.00	715
94.00	1734	176.00	2662	259.00	2122	372.00	4787
95.00	387	177.00	3392	260.00	435	373.00	1276
96.00	689	178.00	1154	261.00	500	377.00	50
97.00	391	179.00	15887	264.00	34	383.00	1319
98.00	16182	180.00	10713	265.00	6141	384.00	245
99.00	13413	181.00	4795	266.00	542	390.00	753
100.00	1106	182.00	734	267.00	154	391.00	280
101.00	7858	183.00	202	268.00	173	392.00	272
102.00	322	184.00	1342	269.00	123	401.00	332
103.00	2331	185.00	6971	270.00	449	402.00	1976
104.00	5423	186.00	57456	271.00	444	403.00	2836
105.00	4100	187.00	16856	272.00	540	404.00	738

Report Date: 24-Aug-2020 13:23:46

Chrom Revision: 2.3 20-Aug-2020 13:57:12

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D\8270_Isotope.rslt\spectra.d

Injection Date: 23-Aug-2020 22:57:30

Spectrum: Tune Spec :Average 89-91(4.62-4.63) Bgrd 84(4.59)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 327

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	1563	188.00	1815	273.00	6905	405.00	115
107.00	60704	189.00	3390	274.00	17424	415.00	253
108.00	9657	190.00	508	275.00	99000	421.00	2372
109.00	1511	191.00	1318	276.00	13682	422.00	2308
110.00	109888	192.00	5259	277.00	8267	423.00	16034
111.00	17472	193.00	5128	278.00	1383	424.00	3405
112.00	2002	194.00	1180	279.00	466	425.00	481
113.00	759	195.00	630	281.00	423	429.00	130
114.00	52	196.00	10252	282.00	188	441.00	49760
115.00	197	197.00	1726	283.00	1090	442.00	322752
116.00	2419	198.00	426368	284.00	914	443.00	63192
117.00	47136	199.00	28592	285.00	1365	444.00	5464
118.00	3524	200.00	2074	286.00	446	445.00	316
119.00	396	201.00	1911	288.00	220	489.00	66
120.00	1012	203.00	3033	289.00	372		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1023.D

Injection Date: 23-Aug-2020 22:57:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

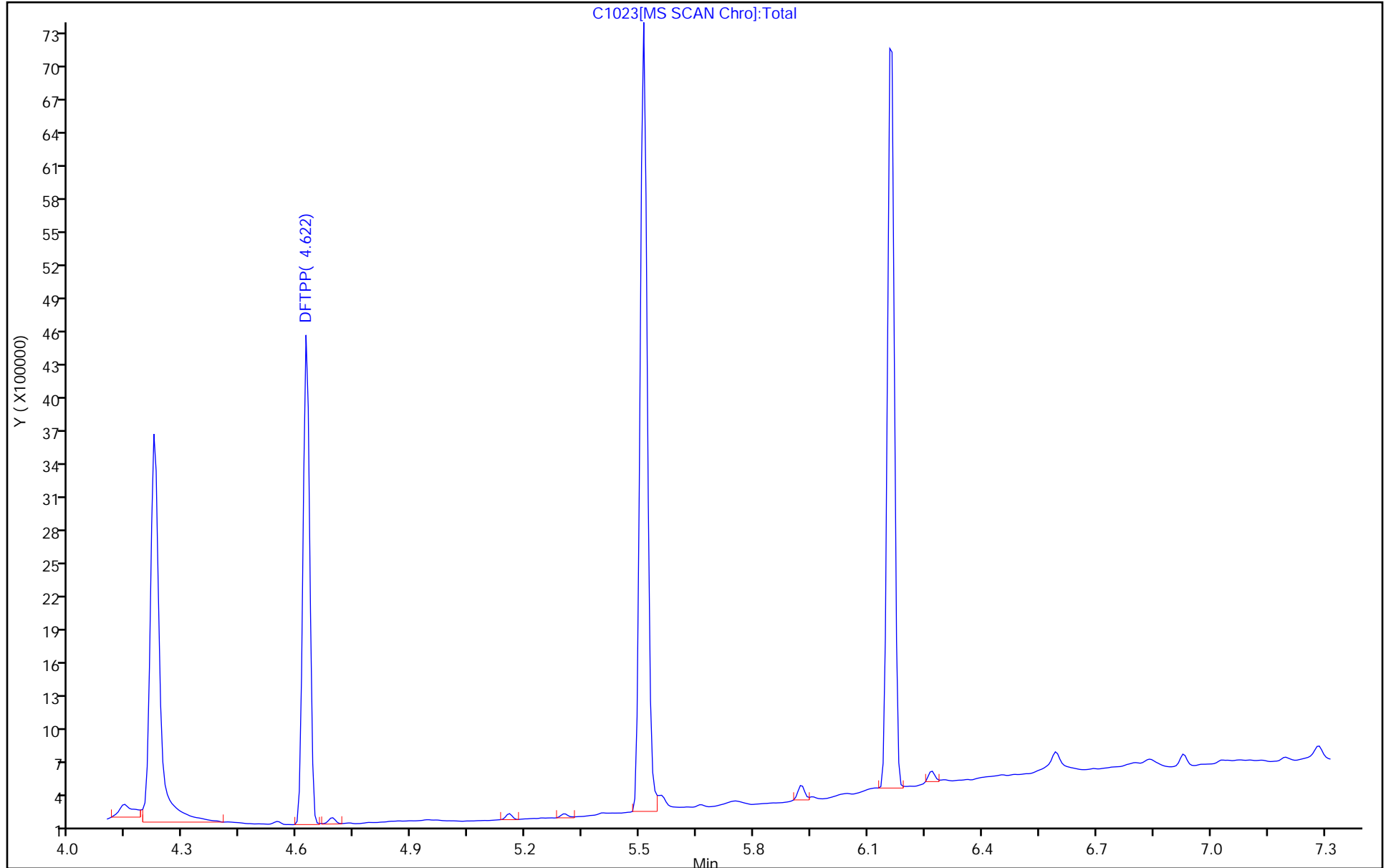
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719055/1-A
 Matrix: Water Lab File ID: C1025.D
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/23/2020 23:40
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	45		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1025.D
 Lims ID: MB 460-719055/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Aug-2020 23:40:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-003
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:24:04 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:24:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	12	78258	4.00	1.78	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	41614	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1025.D

Injection Date: 23-Aug-2020 23:40:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: MB 460-719055/1-A

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

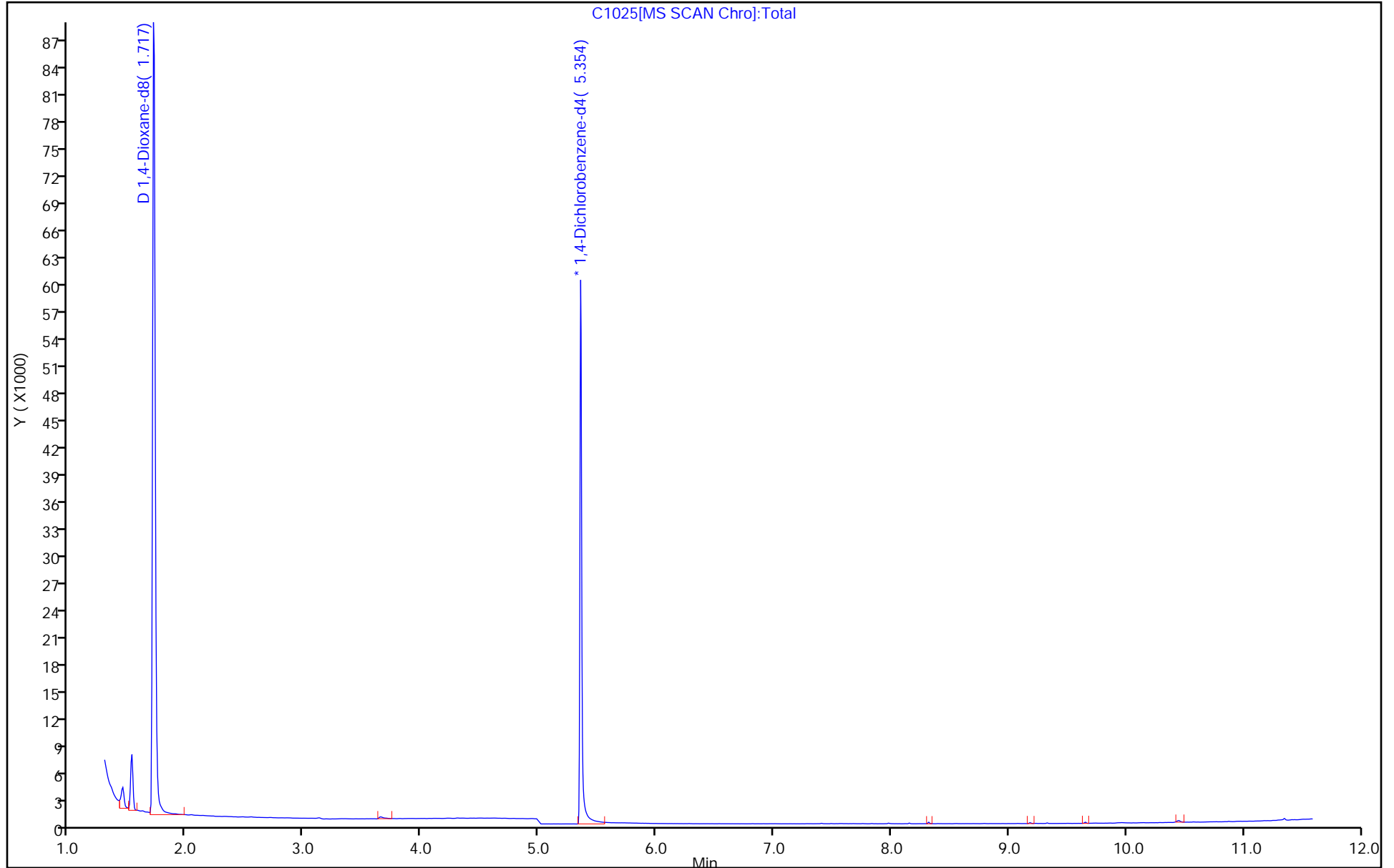
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1025.D

Injection Date: 23-Aug-2020 23:40:30

Instrument ID: CBNAMS13

Lims ID: MB 460-719055/1-A

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Isotope

Limit Group:

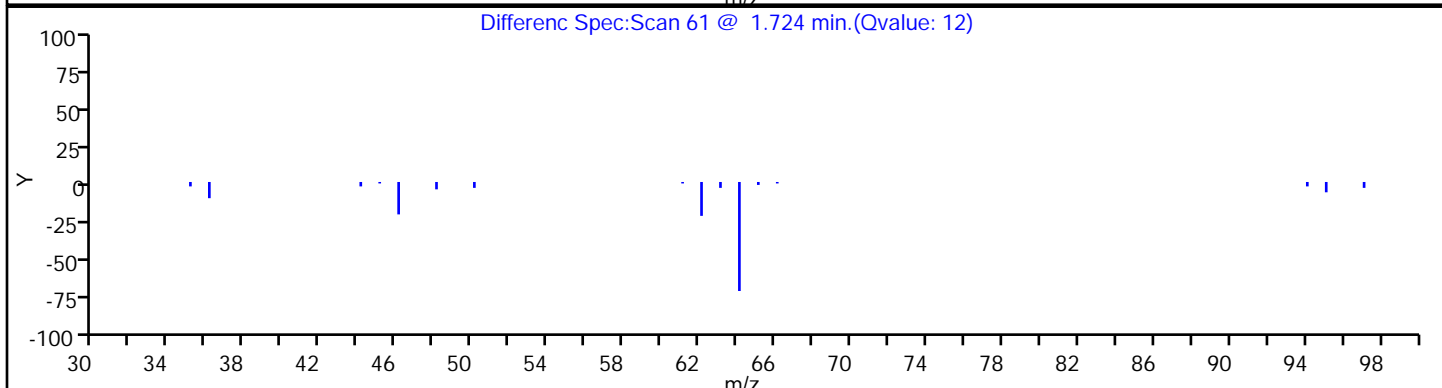
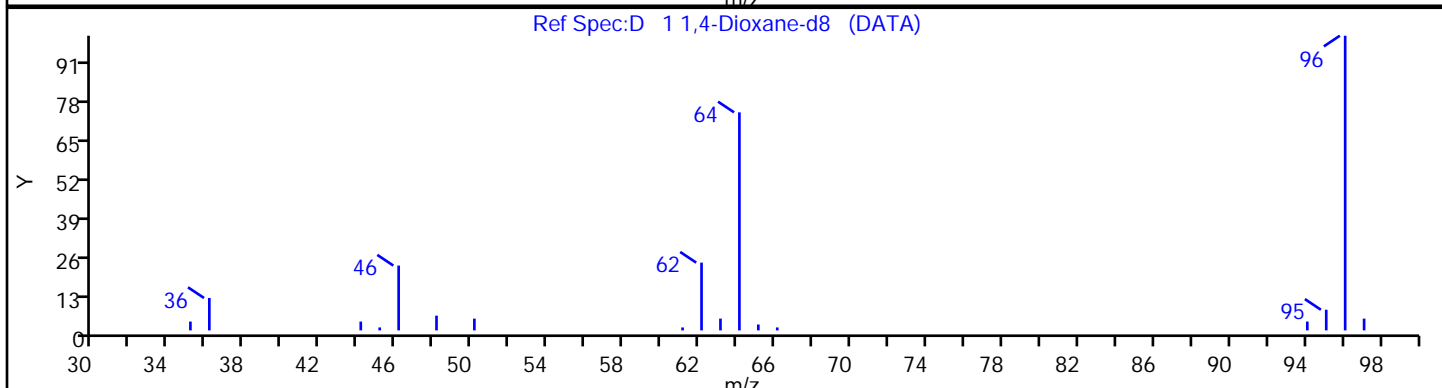
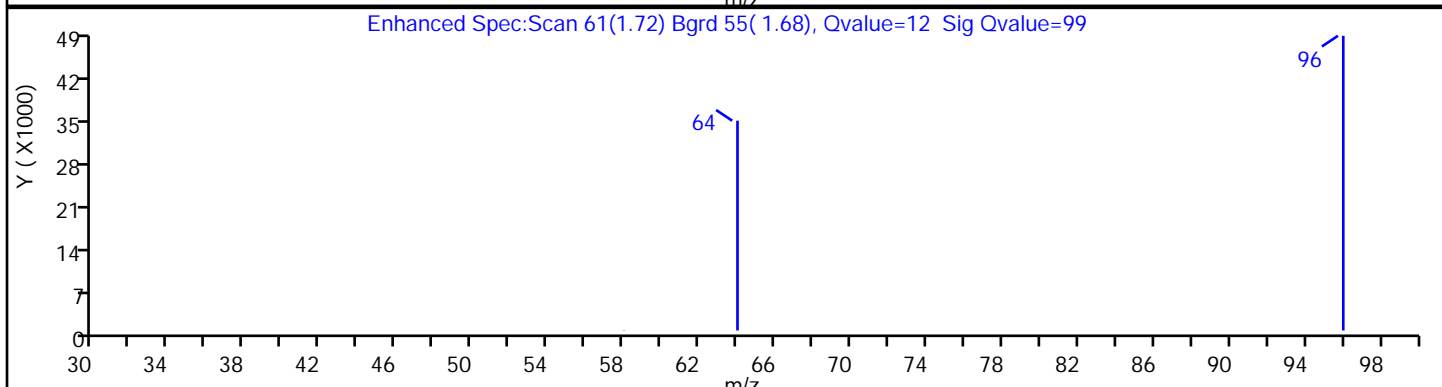
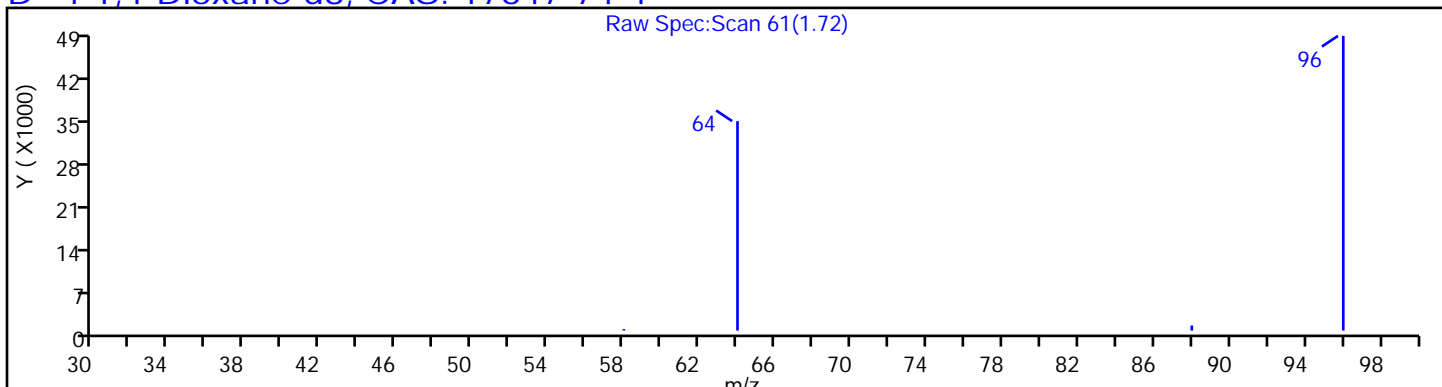
MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1025.D

Injection Date: 23-Aug-2020 23:40:30

Instrument ID: CBNAMS13

Lims ID: MB 460-719055/1-A

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Isotope

Limit Group:

MSS 8270 Isotope Dilution IS

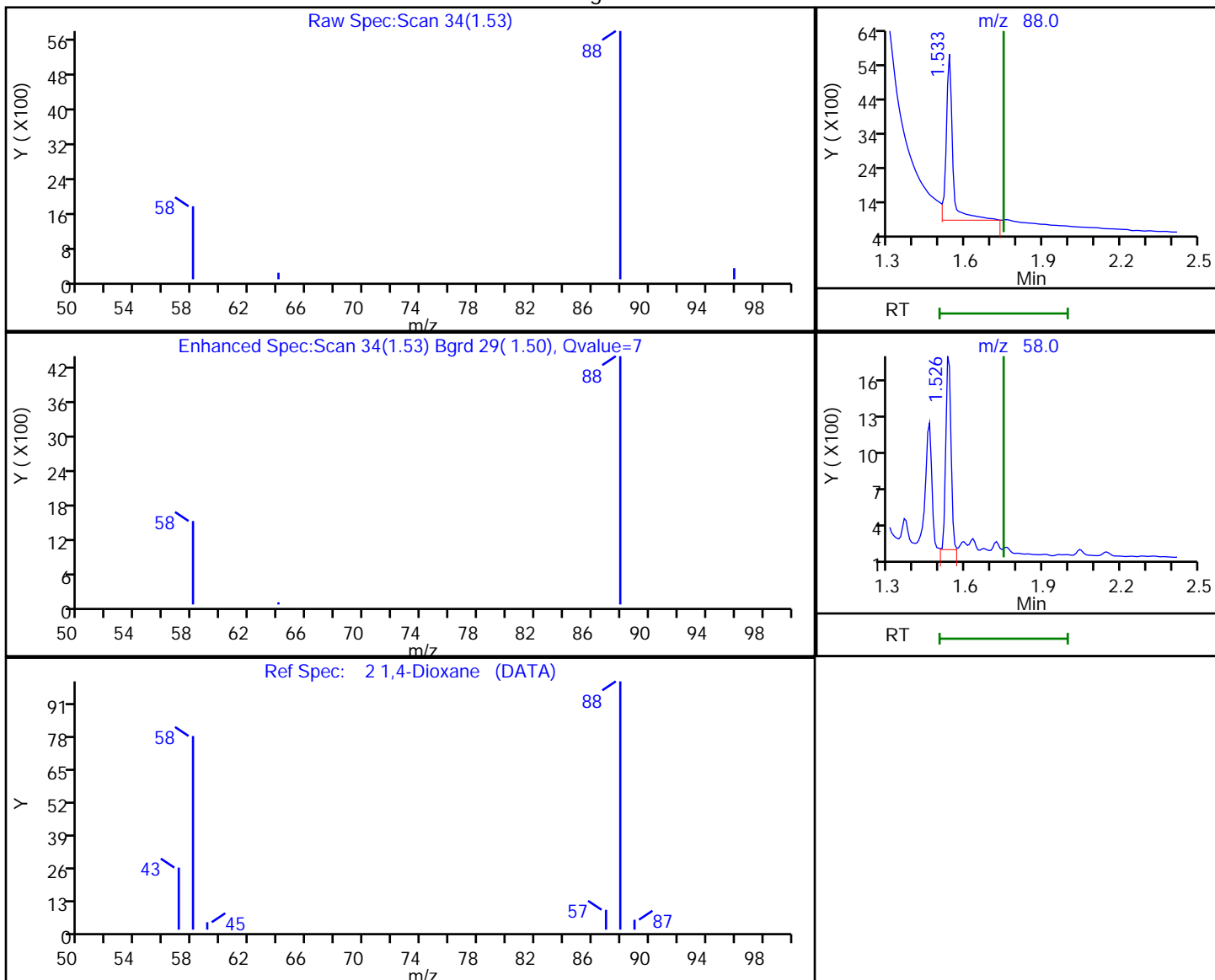
Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.53	88.00	8652	0.377099
1.53	58.00	2201	

Reviewer: khlungprakhons, 24-Aug-2020 13:24:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719055/2-A
 Matrix: Water Lab File ID: C1026.D
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/23/2020 23:55
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.48		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	51		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1026.D
 Lims ID: LCS 460-719055/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Aug-2020 23:55:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-004
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:24:51 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:24:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.717	1.710	0.007	9	97914	4.00	2.03	
2 1,4-Dioxane	88	1.752	1.745	0.007	15	5301	0.2000	0.1847	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	45781	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1026.D

Injection Date: 23-Aug-2020 23:55:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCS 460-719055/2-A

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

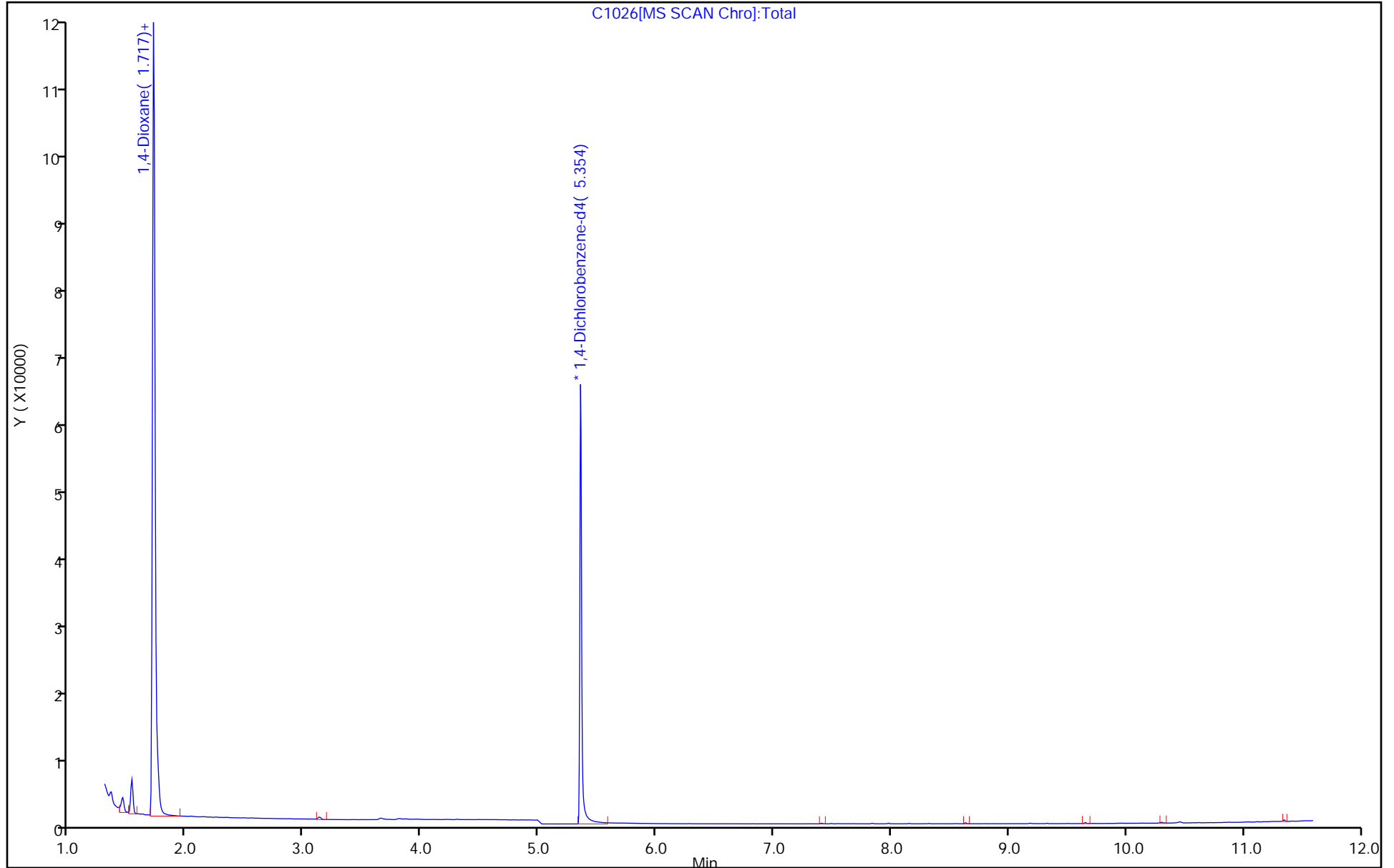
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719055/3-A
 Matrix: Water Lab File ID: C1027.D
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 00:11
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.92		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	33		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1027.D
 Lims ID: LCSD 460-719055/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 24-Aug-2020 00:11:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-005
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:25:15 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:25:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.717	1.710	0.007	8	63005	4.00	1.32	
2 1,4-Dioxane	88	1.752	1.745	0.007	15	4433	0.2000	0.2400	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	45202	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1027.D

Injection Date: 24-Aug-2020 00:11:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: LCSD 460-719055/3-A

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

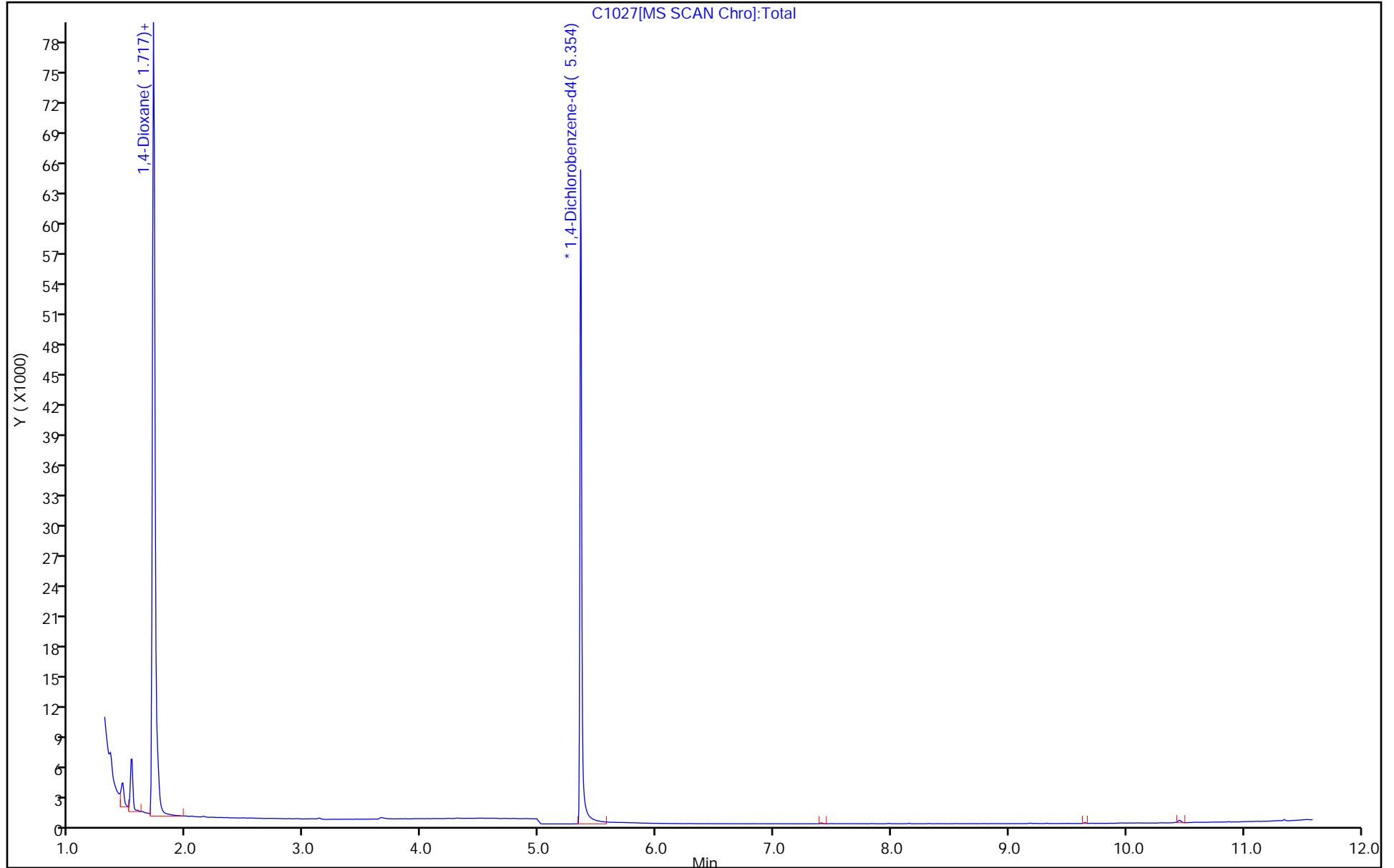
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MS Lab Sample ID: 460-216635-1 MS
 Matrix: Water Lab File ID: C1029.D
 Analysis Method: 8270D SIM ID Date Collected: 08/18/2020 14:12
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 00:43
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	2.40		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	39		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1029.D
 Lims ID: 460-216635-E-1-A MS
 Client ID: DEC2DI_20200818
 Sample Type: MS
 Inject. Date: 24-Aug-2020 00:43:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-007
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:25:26 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:28:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.717	1.710	0.007	9	70530	4.00	1.56	
2 1,4-Dioxane	88	1.752	1.745	0.007	14	6216	0.2000	0.3006	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	42690	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1029.D

Injection Date: 24-Aug-2020 00:43:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-E-1-A MS

Worklist Smp#: 7

Client ID: DEC2DI_20200818

Injection Vol: 5.0 ul

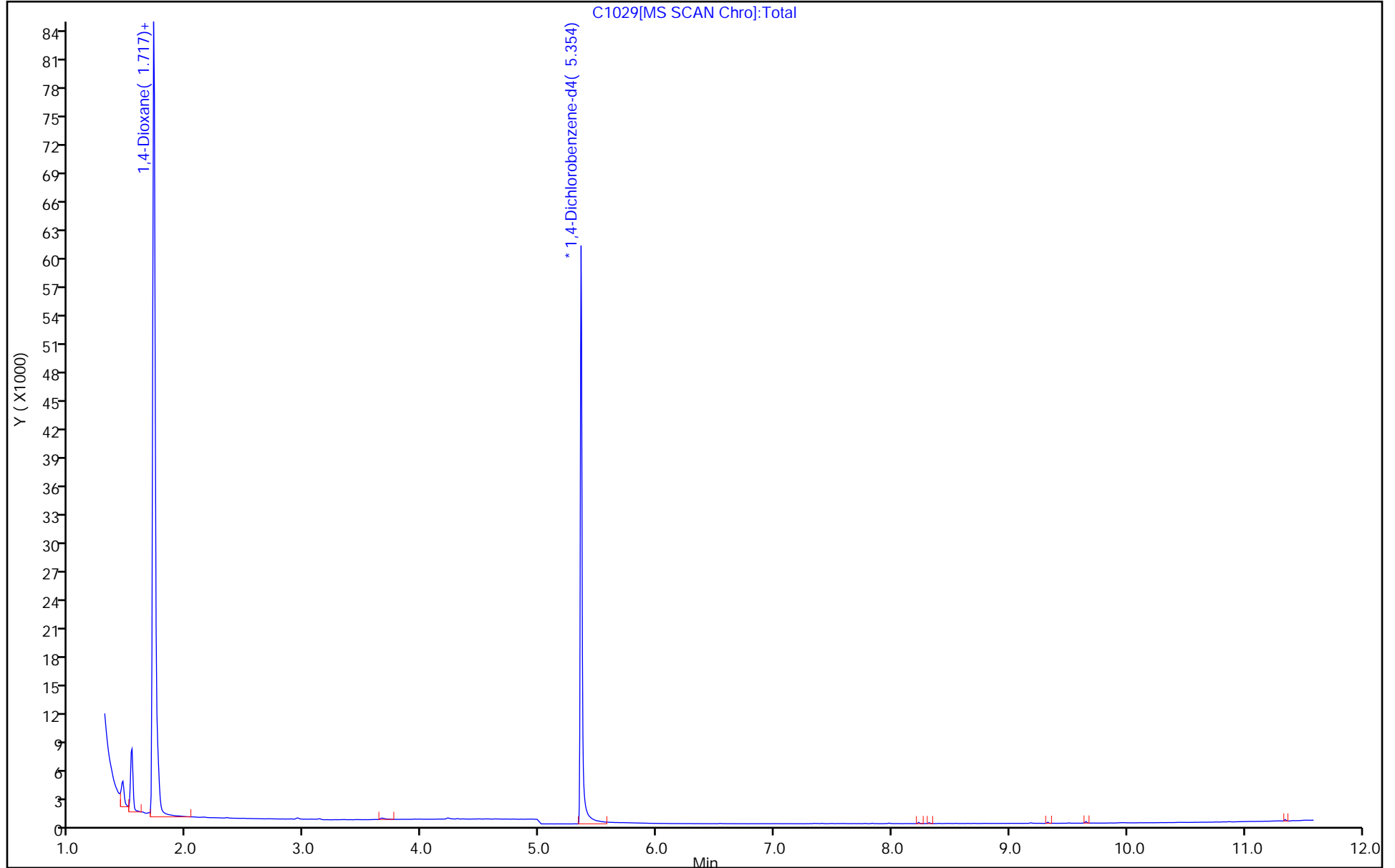
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1
 SDG No.: _____
 Client Sample ID: DEC2D1_20200818 MSD Lab Sample ID: 460-216635-1 MSD
 Matrix: Water Lab File ID: C1030.D
 Analysis Method: 8270D SIM ID Date Collected: 08/18/2020 14:12
 Extract. Method: 3510C Date Extracted: 08/23/2020 08:48
 Sample wt/vol: 250 (mL) Date Analyzed: 08/24/2020 00:59
 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.: 719128 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.74		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	35		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1030.D
 Lims ID: 460-216635-D-1-A MSD
 Client ID: DEC2DI_20200818
 Sample Type: MSD
 Inject. Date: 24-Aug-2020 00:59:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115645-008
 Operator ID: Instrument ID: CBNAMS13
 Method: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\8270_Isotope.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Aug-2020 13:25:26 Calib Date: 27-Apr-2020 16:04:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS13\20200427-109204.b\C6767.D
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1030

First Level Reviewer: khlungprakhons Date: 24-Aug-2020 13:28:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.724	1.710	0.014	9	57209	4.00	1.41	
2 1,4-Dioxane	88	1.759	1.745	0.014	17	3648	0.2000	0.2175	
* 4 1,4-Dichlorobenzene-d4	150	5.354	5.354	0.000	1	38493	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS13\20200823-115645.b\C1030.D

Injection Date: 24-Aug-2020 00:59:30

Instrument ID: CBNAMS13

Operator ID:

Lims ID: 460-216635-D-1-A MSD

Worklist Smp#: 8

Client ID: DEC2DI_20200818

Injection Vol: 5.0 ul

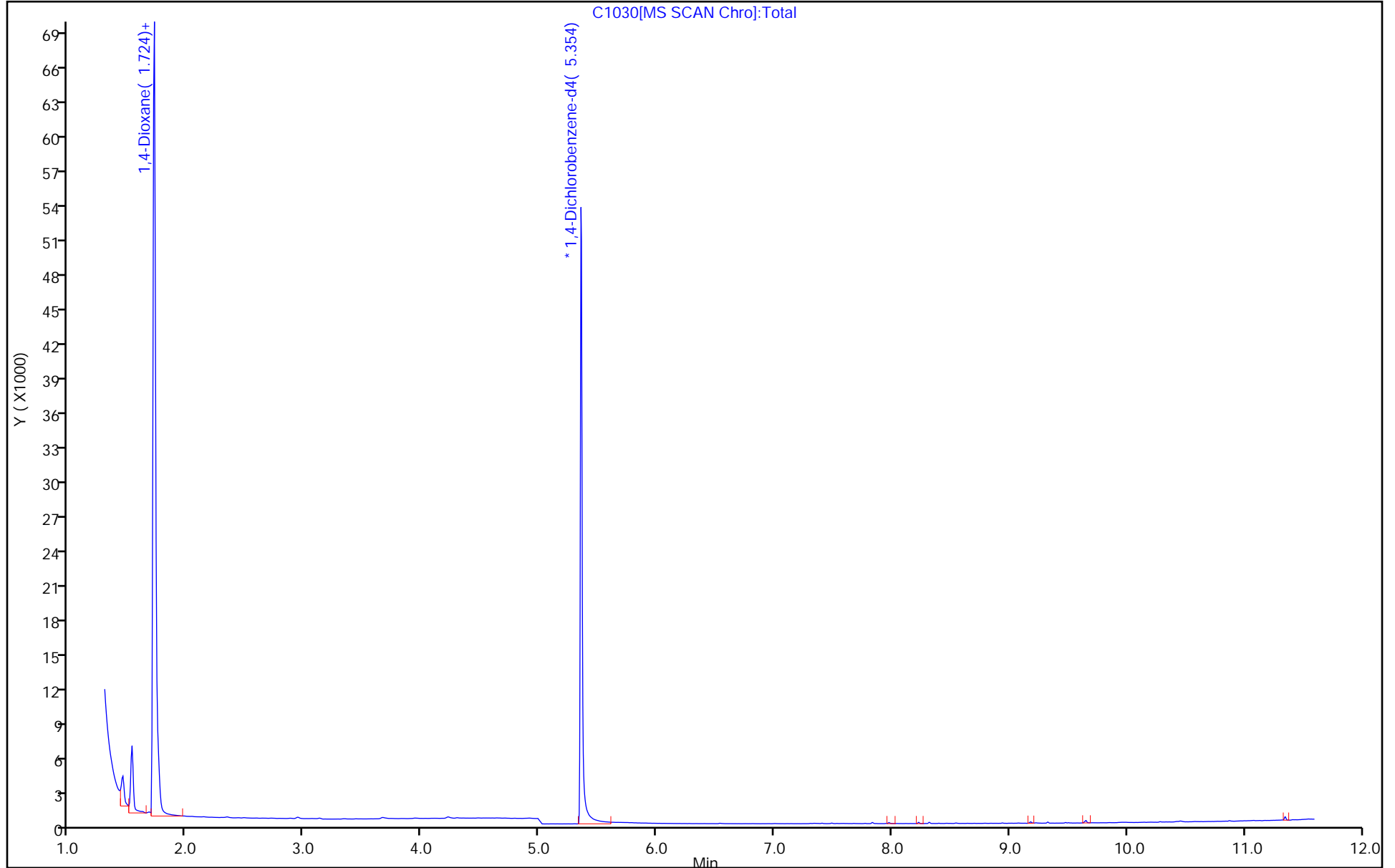
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270_Isotope

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Instrument ID: CBNAMS13 Start Date: 04/27/2020 11:29Analysis Batch Number: 690453 End Date: 04/27/2020 16:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-690453/1		04/27/2020 11:29	1	C6752A.D	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-690453/2		04/27/2020 14:13	1	C6760.D	Rtxi-5Sil MS 0.25 (mm)
STD8 460-690453/3 IC		04/27/2020 14:29	1	C6761.D	Rtxi-5Sil MS 0.25 (mm)
STD7 460-690453/4 IC		04/27/2020 14:45	1	C6762.D	Rtxi-5Sil MS 0.25 (mm)
STD6 460-690453/5 IC		04/27/2020 15:01	1	C6763.D	Rtxi-5Sil MS 0.25 (mm)
STD4 460-690453/6 IC		04/27/2020 15:16	1	C6764.D	Rtxi-5Sil MS 0.25 (mm)
STD3 460-690453/7 IC		04/27/2020 15:32	1	C6765.D	Rtxi-5Sil MS 0.25 (mm)
STD2 460-690453/8 IC		04/27/2020 15:48	1	C6766.D	Rtxi-5Sil MS 0.25 (mm)
STD1 460-690453/9 IC		04/27/2020 16:04	1	C6767.D	Rtxi-5Sil MS 0.25 (mm)
ICV 460-690453/10		04/27/2020 16:20	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Instrument ID: CBNAMS13 Start Date: 08/23/2020 22:57

Analysis Batch Number: 719128 End Date: 08/24/2020 02:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-719128/1		08/23/2020 22:57	1	C1023.D	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-719128/2		08/23/2020 23:18	1	C1024.D	Rtxi-5Sil MS 0.25 (mm)
MB 460-719055/1-A		08/23/2020 23:40	1	C1025.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-719055/2-A		08/23/2020 23:55	1	C1026.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-719055/3-A		08/24/2020 00:11	1	C1027.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-1	DEC2D1_20200818	08/24/2020 00:27	1	C1028.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-1 MS	DEC2D1_20200818 MS	08/24/2020 00:43	1	C1029.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-1 MSD	DEC2D1_20200818 MSD	08/24/2020 00:59	1	C1030.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-2	EB_20200818	08/24/2020 01:15	1	C1031.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-3	DEC1D1_20200819	08/24/2020 01:30	1	C1032.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-4	DEC1D2_20200820	08/24/2020 01:46	1	C1033.D	Rtxi-5Sil MS 0.25 (mm)
460-216635-6	DEC_GW_DUPE_20200820	08/24/2020 02:02	1	C1034.D	Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 719055 Batch Start Date: 08/23/20 08:48 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_1,4-DX_SP 00004
MB 460-719055/1		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-719055/2		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCS 460-719055/3		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-216635-E-1 MS	DEC2D1_20200818	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	200 uL
460-216635-D-1 MSD	DEC2D1_20200818	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	200 uL
460-216635-D-1	DEC2D1_20200818	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216635-D-2	EB_20200818	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216635-E-3	DEC1D1_20200819	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216635-E-4	DEC1D2_20200820	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	
460-216635-E-6	DEC_GW_DUPE_2020 0820	3510C, 8270D SIM ID	T	250 mL	2 mL	5 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00007	AnalysisComment				
MB 460-719055/1		3510C, 8270D SIM ID		20 uL					
LCS 460-719055/2		3510C, 8270D SIM ID		20 uL					
LCS 460-719055/3		3510C, 8270D SIM ID		20 uL					
460-216635-E-1 MS	DEC2D1_20200818	3510C, 8270D SIM ID	T	20 uL					
460-216635-D-1 MSD	DEC2D1_20200818	3510C, 8270D SIM ID	T	20 uL					
460-216635-D-1	DEC2D1_20200818	3510C, 8270D SIM ID	T	20 uL					
460-216635-D-2	EB_20200818	3510C, 8270D SIM ID	T	20 uL					
460-216635-E-3	DEC1D1_20200819	3510C, 8270D SIM ID	T	20 uL	Bad Matrix				
460-216635-E-4	DEC1D2_20200820	3510C, 8270D SIM ID	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216635-1

SDG No.: _____

Batch Number: 719055 Batch Start Date: 08/23/20 08:48 Batch Analyst: Dekkar, Djedjiga X

Batch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00007	AnalysisComment				
460-216635-E-6	DEC_GW_DUPE_2020 0820	3510C, 8270D SIM ID	T	20 uL					

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2969
Batch Comment	3510C_LVI / BNA Isotope
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 Isotope
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	MeCL2 263731
Prep Solvent Volume Used	90 mL
Analyst ID - Spike 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

Address:

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Company Name: HDR
Address: 16 Corporate Woods Blvd.
City/State/Zip: Atlanta, GA 30328
Phone: 404-641-3245 / 518-937-9502
Fax:
Project Name: Ground Off-Site GW
Site: Ground Bethpage
P O #

Project Manager: M. K. Lehtinen
Tel/Email: 518-937-9502
Site Contact: Scott Englund Date: 8/20/20
Lab Contact: Julie Gilmore

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks 1 week 2 days 1 day
Standard

COC No: 1 of 1 COCs
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: 26635

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
DEC2D1-20200818	8/18/20	1412	G	GW	15	NY	XX	M5/MSD Volume also
FB-20200818	8/18/20	1400	G	W	5	NY	XX	Equipment blank 2
DEC1D1-20200819	8/19/20	1355	G	GW	5	NY	XX	3
DEC1D2-20200820	8/20/20	0955	G	GW	5	NY	XX	4
TB-20200820	8/20/20			W	2	NY	XX	5
DEC-GW-DUPE-20200820	8/20/20	0000	G	GW	5	NY	XX	6
DEC3D2-20200820 Temp Blank	8/20/20		G	GW	5	NY	XX	SGE

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other

Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:
* Please include all samples from this sampling event under one SDG

Custody Seals Intact: Yes No

Relinquished by: [Signature] Date/Time: 8/20/20 1255
Relinquished by: [Signature] Date/Time: 8/20/20 1400
Relinquished by: [Signature] Date/Time: 8/20/20 1800

Company: HDR
Company: [Signature]
Company: [Signature]

Received by: [Signature] Date/Time: 8/20/20 1300
Received by: [Signature] Date/Time: 8/20/20 1400
Received in Laboratory by: [Signature] Date/Time: 8/20/20 1800

Company: [Signature]
Company: [Signature]
Company: [Signature]

3-972211

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 460-216635-1

Login Number: 216635
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

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	

ANALYTICAL REPORT

Job Number: 460-216706-1

Job Description: WA32 - Northrop Grumman

For:

HDR Inc

16 Corporate Woods Blvd.

Ste 204

Albany, NY 12211

Attention: Mr. Michael Lehtinen



Approved for release.
Julie L Gilmore
Project Manager I
8/31/2020 9:21 AM

Julie L Gilmore, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(484)685-0865
Julie.Gilmore@Eurofinset.com
08/31/2020

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

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

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

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.

Eurofins TestAmerica, Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

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CASE NARRATIVE

Client: HDR Inc

Project: WA32 - Northrop Grumman

Report Number: 460-216706-1

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 08/22/2020; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.9 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 DEC3D2_20200820 (460-216706-1), DEC5D1_20200820 (460-216706-2) and TB_20200821 (460-216706-3) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/28/2020.

The continuing calibration verification (CCV) analyzed in batch 460-720234 was outside the method criteria for the following analytes: Methyl tert-butyl ether and Trichlorofluoromethane. 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 analytes are considered estimated.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples DEC3D2_20200820 (460-216706-1) and DEC5D1_20200820 (460-216706-2) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270D SIM 1,4Dioxane. The samples were prepared on 08/26/2020 and analyzed on 08/27/2020.

No difficulties were encountered during the 1,4 Dioxane analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-216706-1	DEC3D2_20200820	Water	08/20/20 14:05	08/22/20 11:45	
460-216706-2	DEC5D1_20200820	Water	08/20/20 15:55	08/22/20 11:45	
460-216706-3	TB_20200821	Water	08/20/20 15:55	08/22/20 11:45	

Detection Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: DEC3D2_20200820

Lab Sample ID: 460-216706-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	6.7		1.0	0.33	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	5.7		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.69	J	1.0	0.25	ug/L	1		8260C	Total/NA
Toluene	0.40	J	1.0	0.38	ug/L	1		8260C	Total/NA
Trichloroethene	57		1.0	0.31	ug/L	1		8260C	Total/NA
1,4-Dioxane	1.3		0.20	0.016	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: DEC5D1_20200820

Lab Sample ID: 460-216706-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0		1.0	0.31	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.1		1.0	0.26	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.8		1.0	0.26	ug/L	1		8260C	Total/NA
Chloroform	0.46	J	1.0	0.33	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	58		1.0	0.22	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.89	J	1.0	0.25	ug/L	1		8260C	Total/NA
Toluene	0.84	J	1.0	0.38	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.79	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	20		1.0	0.31	ug/L	1		8260C	Total/NA
1,4-Dioxane	6.2		0.20	0.016	ug/L	1		8270D SIM ID	Total/NA

Client Sample ID: TB_20200821

Lab Sample ID: 460-216706-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9		5.0	4.4	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	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: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: DEC3D2_20200820

Lab Sample ID: 460-216706-1

Date Collected: 08/20/20 14:05

Matrix: Water

Date Received: 08/22/20 11:45

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			08/28/20 16:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 16:28	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 16:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 16:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 16:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 16:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 16:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 16:28	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 16:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 16:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 16:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 16:28	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 16:28	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 16:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 16:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 16:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 16:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 16:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 16:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 16:28	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 16:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:28	1
Chloroform	6.7		1.0	0.33	ug/L			08/28/20 16:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 16:28	1
cis-1,2-Dichloroethene	5.7		1.0	0.22	ug/L			08/28/20 16:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 16:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 16:28	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 16:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 16:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 16:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 16:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 16:28	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 16:28	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 16:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 16:28	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 16:28	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 16:28	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 16:28	1
Tetrachloroethene	0.69	J	1.0	0.25	ug/L			08/28/20 16:28	1
Toluene	0.40	J	1.0	0.38	ug/L			08/28/20 16:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 16:28	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 16:28	1
Trichloroethene	57		1.0	0.31	ug/L			08/28/20 16:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:28	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 16:28	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: DEC3D2_20200820

Lab Sample ID: 460-216706-1

Date Collected: 08/20/20 14:05

Matrix: Water

Date Received: 08/22/20 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:28	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 16:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 16:28	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		75 - 123		08/28/20 16:28	1
4-Bromofluorobenzene	101		76 - 120		08/28/20 16:28	1
Dibromofluoromethane (Surr)	99		77 - 124		08/28/20 16:28	1
Toluene-d8 (Surr)	104		80 - 120		08/28/20 16:28	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	1.3		0.20	0.016	ug/L		08/26/20 08:37	08/27/20 03:22	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	29		10 - 150	08/26/20 08:37	08/27/20 03:22	1

Client Sample ID: DEC5D1_20200820

Lab Sample ID: 460-216706-2

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

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			08/28/20 16:51	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 16:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	3.0		1.0	0.31	ug/L			08/28/20 16:51	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:51	1
1,1-Dichloroethane	1.1		1.0	0.26	ug/L			08/28/20 16:51	1
1,1-Dichloroethene	1.8		1.0	0.26	ug/L			08/28/20 16:51	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 16:51	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 16:51	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 16:51	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:51	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 16:51	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 16:51	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 16:51	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 16:51	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 16:51	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 16:51	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 16:51	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 16:51	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 16:51	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 16:51	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 16:51	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 16:51	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 16:51	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 16:51	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:51	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: DEC5D1_20200820

Lab Sample ID: 460-216706-2

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.46	J	1.0	0.33	ug/L			08/28/20 16:51	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 16:51	1
cis-1,2-Dichloroethene	58		1.0	0.22	ug/L			08/28/20 16:51	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 16:51	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 16:51	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 16:51	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 16:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 16:51	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 16:51	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 16:51	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 16:51	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 16:51	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 16:51	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 16:51	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 16:51	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 16:51	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 16:51	1
Tetrachloroethene	0.89	J	1.0	0.25	ug/L			08/28/20 16:51	1
Toluene	0.84	J	1.0	0.38	ug/L			08/28/20 16:51	1
trans-1,2-Dichloroethene	0.79	J	1.0	0.24	ug/L			08/28/20 16:51	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 16:51	1
Trichloroethene	20		1.0	0.31	ug/L			08/28/20 16:51	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 16:51	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 16:51	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 16:51	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 16:51	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 16:51	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 123		08/28/20 16:51	1
4-Bromofluorobenzene	98		76 - 120		08/28/20 16:51	1
Dibromofluoromethane (Surr)	96		77 - 124		08/28/20 16:51	1
Toluene-d8 (Surr)	102		80 - 120		08/28/20 16:51	1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	6.2		0.20	0.016	ug/L		08/26/20 08:37	08/27/20 03:38	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		10 - 150				08/26/20 08:37	08/27/20 03:38	1

Client Sample ID: TB_20200821

Lab Sample ID: 460-216706-3

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

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			08/28/20 14:56	1

Client Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: TB_20200821

Lab Sample ID: 460-216706-3

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:56	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:56	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 14:56	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 14:56	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 14:56	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 14:56	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 14:56	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:56	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 14:56	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 14:56	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 14:56	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 14:56	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 14:56	1
Acetone	8.9		5.0	4.4	ug/L			08/28/20 14:56	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 14:56	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 14:56	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 14:56	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 14:56	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 14:56	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 14:56	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 14:56	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 14:56	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:56	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 14:56	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 14:56	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 14:56	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 14:56	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 14:56	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 14:56	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 14:56	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 14:56	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 14:56	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 14:56	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 14:56	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 14:56	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 14:56	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 14:56	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 14:56	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 14:56	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 14:56	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 14:56	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 14:56	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 14:56	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 14:56	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 14:56	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 14:56	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 14:56	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 14:56	1

Client Sample Results

Client: HDR Inc
 Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: TB_20200821

Lab Sample ID: 460-216706-3

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 14:56	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 14:56	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	79		75 - 123		08/28/20 14:56	1
4-Bromofluorobenzene	96		76 - 120		08/28/20 14:56	1
Dibromofluoromethane (Surr)	95		77 - 124		08/28/20 14:56	1
Toluene-d8 (Surr)	105		80 - 120		08/28/20 14:56	1

Surrogate Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

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)
460-216706-1	DEC3D2_20200820	82	101	99	104
460-216706-2	DEC5D1_20200820	81	98	96	102
460-216706-3	TB_20200821	79	96	95	105
LCS 460-720234/4	Lab Control Sample	84	105	96	100
MB 460-720234/9	Method Blank	81	99	95	105

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Isotope Dilution Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (10-150)
460-216706-1	DEC3D2_20200820	29
460-216706-2	DEC5D1_20200820	25
MB 460-719672/1-A	Method Blank	28

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (10-200)
LCS 460-719672/2-A	Lab Control Sample	27
LCSD 460-719672/3-A	Lab Control Sample Dup	27

Surrogate Legend

DXE = 1,4-Dioxane-d8

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

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

Lab Sample ID: MB 460-720234/9

Matrix: Water

Analysis Batch: 720234

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			08/28/20 11:28	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			08/28/20 11:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
1,1,2-Trichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			08/28/20 11:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			08/28/20 11:28	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			08/28/20 11:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			08/28/20 11:28	1
1,4-Dioxane	28	U	50	28	ug/L			08/28/20 11:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			08/28/20 11:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			08/28/20 11:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			08/28/20 11:28	1
Acetone	4.4	U	5.0	4.4	ug/L			08/28/20 11:28	1
Benzene	0.20	U	1.0	0.20	ug/L			08/28/20 11:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			08/28/20 11:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			08/28/20 11:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			08/28/20 11:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			08/28/20 11:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			08/28/20 11:28	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			08/28/20 11:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			08/28/20 11:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			08/28/20 11:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			08/28/20 11:28	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			08/28/20 11:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/28/20 11:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/28/20 11:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/28/20 11:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			08/28/20 11:28	1
Methyl tert-butyl ether	0.47	U	1.0	0.47	ug/L			08/28/20 11:28	1
Methylcyclohexane	0.26	U	1.0	0.26	ug/L			08/28/20 11:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			08/28/20 11:28	1
o-Xylene	0.36	U	1.0	0.36	ug/L			08/28/20 11:28	1
Styrene	0.42	U	1.0	0.42	ug/L			08/28/20 11:28	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			08/28/20 11:28	1
Toluene	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			08/28/20 11:28	1
trans-1,3-Dichloropropene	0.49	U	1.0	0.49	ug/L			08/28/20 11:28	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			08/28/20 11:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			08/28/20 11:28	1

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

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

Lab Sample ID: MB 460-720234/9

Matrix: Water

Analysis Batch: 720234

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.17	U	1.0	0.17	ug/L			08/28/20 11:28	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,2-Dichlorobenzene	0.43	U	1.0	0.43	ug/L			08/28/20 11:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			08/28/20 11:28	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					08/28/20 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		75 - 123		08/28/20 11:28	1
4-Bromofluorobenzene	99		76 - 120		08/28/20 11:28	1
Dibromofluoromethane (Surr)	95		77 - 124		08/28/20 11:28	1
Toluene-d8 (Surr)	105		80 - 120		08/28/20 11:28	1

Lab Sample ID: LCS 460-720234/4

Matrix: Water

Analysis Batch: 720234

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	19.2		ug/L		96	68 - 128
1,1,2,2-Tetrachloroethane	20.0	17.5		ug/L		88	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1		ug/L		86	59 - 142
1,1,2-Trichloroethane	20.0	18.7		ug/L		93	74 - 125
1,1-Dichloroethane	20.0	20.0		ug/L		100	73 - 130
1,1-Dichloroethene	20.0	16.7		ug/L		83	68 - 133
1,2,3-Trichlorobenzene	20.0	18.4		ug/L		92	53 - 144
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		100	64 - 132
1,2-Dichloropropane	20.0	21.0		ug/L		105	76 - 126
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 121
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	80 - 118
1,4-Dioxane	400	375		ug/L		94	70 - 142
2-Butanone (MEK)	100	97.8		ug/L		98	69 - 128
2-Hexanone	100	101		ug/L		101	74 - 127
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	78 - 125
Acetone	100	65.6		ug/L		66	61 - 134
Benzene	20.0	20.5		ug/L		103	78 - 126
Bromoform	20.0	19.9		ug/L		100	38 - 144
Bromomethane	20.0	14.6		ug/L		73	10 - 150
Carbon disulfide	20.0	15.9		ug/L		80	64 - 138
Carbon tetrachloride	20.0	20.1		ug/L		100	56 - 131
Chlorobenzene	20.0	20.6		ug/L		103	80 - 119
Chlorobromomethane	20.0	20.4		ug/L		102	73 - 126
Chlorodibromomethane	20.0	19.5		ug/L		98	58 - 130
Chloroethane	20.0	13.5		ug/L		67	29 - 150
Chloroform	20.0	19.1		ug/L		95	78 - 125
Chloromethane	20.0	17.8		ug/L		89	38 - 150
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	78 - 121

QC Sample Results

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

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

Lab Sample ID: LCS 460-720234/4
Matrix: Water
Analysis Batch: 720234

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	20.0	20.0		ug/L		100	74 - 125
Cyclohexane	20.0	24.0		ug/L		120	67 - 133
Dichlorobromomethane	20.0	18.8		ug/L		94	72 - 121
Dichlorodifluoromethane	20.0	17.2		ug/L		86	31 - 150
Ethylbenzene	20.0	20.9		ug/L		104	78 - 120
Ethylene Dibromide	20.0	19.5		ug/L		97	69 - 126
Isopropylbenzene	20.0	21.4		ug/L		107	79 - 125
Methyl acetate	40.0	43.7		ug/L		109	70 - 127
Methyl tert-butyl ether	20.0	14.8		ug/L		74	65 - 131
Methylcyclohexane	20.0	23.3		ug/L		116	60 - 139
Methylene Chloride	20.0	16.2		ug/L		81	74 - 127
m-Xylene & p-Xylene	20.0	21.0		ug/L		105	78 - 123
o-Xylene	20.0	21.8		ug/L		109	78 - 122
Styrene	20.0	21.5		ug/L		108	75 - 127
Tetrachloroethene	20.0	20.4		ug/L		102	70 - 127
Toluene	20.0	19.8		ug/L		99	78 - 119
trans-1,2-Dichloroethene	20.0	17.1		ug/L		85	74 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	66 - 127
Trichloroethene	20.0	21.0		ug/L		105	71 - 121
Trichlorofluoromethane	20.0	13.9		ug/L		69	61 - 140
Vinyl chloride	20.0	17.8		ug/L		89	61 - 144
1,2-Dichloroethane	20.0	17.1		ug/L		86	75 - 121
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	79 - 122
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	41 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		75 - 123
4-Bromofluorobenzene	105		76 - 120
Dibromofluoromethane (Surr)	96		77 - 124
Toluene-d8 (Surr)	100		80 - 120

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-719672/1-A
Matrix: Water
Analysis Batch: 719855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.016	U	0.20	0.016	ug/L		08/26/20 08:37	08/27/20 02:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	28		10 - 150				08/26/20 08:37	08/27/20 02:34	1

Lab Sample ID: LCS 460-719672/2-A
Matrix: Water
Analysis Batch: 719855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	1.60	1.85		ug/L		116	10 - 200

Euofins TestAmerica, Edison

QC Sample Results

Client: HDR Inc
 Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

<i>Isotope Dilution</i>	<i>LCS %Recovery</i>	<i>LCS Qualifier</i>	<i>Limits</i>
1,4-Dioxane-d8	27		10 - 200

Lab Sample ID: LCSD 460-719672/3-A
Matrix: Water
Analysis Batch: 719855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 719672

<i>Analyte</i>	<i>Spike Added</i>	<i>LCSD Result</i>	<i>LCSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec. Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
1,4-Dioxane	1.60	2.12		ug/L		132	10 - 200	14	50

<i>Isotope Dilution</i>	<i>LCSD %Recovery</i>	<i>LCSD Qualifier</i>	<i>Limits</i>
1,4-Dioxane-d8	27		10 - 200

Definitions/Glossary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
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

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

GC/MS VOA

Analysis Batch: 720234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216706-1	DEC3D2_20200820	Total/NA	Water	8260C	
460-216706-2	DEC5D1_20200820	Total/NA	Water	8260C	
460-216706-3	TB_20200821	Total/NA	Water	8260C	
MB 460-720234/9	Method Blank	Total/NA	Water	8260C	
LCS 460-720234/4	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 719672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216706-1	DEC3D2_20200820	Total/NA	Water	3510C	
460-216706-2	DEC5D1_20200820	Total/NA	Water	3510C	
MB 460-719672/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-719672/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-719672/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 719855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-216706-1	DEC3D2_20200820	Total/NA	Water	8270D SIM ID	719672
460-216706-2	DEC5D1_20200820	Total/NA	Water	8270D SIM ID	719672
MB 460-719672/1-A	Method Blank	Total/NA	Water	8270D SIM ID	719672
LCS 460-719672/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	719672
LCSD 460-719672/3-A	Lab Control Sample Dup	Total/NA	Water	8270D SIM ID	719672

Lab Chronicle

Client: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Client Sample ID: DEC3D2_20200820

Lab Sample ID: 460-216706-1

Date Collected: 08/20/20 14:05

Matrix: Water

Date Received: 08/22/20 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 16:28	CJM	TAL EDI
Total/NA	Prep	3510C			719672	08/26/20 08:37	DXB	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719855	08/27/20 03:22	MME	TAL EDI

Client Sample ID: DEC5D1_20200820

Lab Sample ID: 460-216706-2

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 16:51	CJM	TAL EDI
Total/NA	Prep	3510C			719672	08/26/20 08:37	DXB	TAL EDI
Total/NA	Analysis	8270D SIM ID		1	719855	08/27/20 03:38	MME	TAL EDI

Client Sample ID: TB_20200821

Lab Sample ID: 460-216706-3

Date Collected: 08/20/20 15:55

Matrix: Water

Date Received: 08/22/20 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	720234	08/28/20 14:56	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: HDR Inc
Project/Site: WA32 - Northrop Grumman

Job ID: 460-216706-1

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20
DE Haz. Subst. Cleanup Act (HSCA)	State	<cert No.>	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-18-00135	05-03-21

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

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 #
DEC3D2_20200820	460-216706-1	99	82	104	101
DEC5D1_20200820	460-216706-2	96	81	102	98
TB_20200821	460-216706-3	95	79	105	96
	MB 460-720234/9	95	81	105	99
	LCS 460-720234/4	96	84	100	105

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene

QC LIMITS
77-124
75-123
80-120
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.: 460-216706-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P79027.D

Lab ID: LCS 460-720234/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	68-128	
1,1,2,2-Tetrachloroethane	20.0	17.5	88	63-139	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.1	86	59-142	
1,1,2-Trichloroethane	20.0	18.7	93	74-125	
1,1-Dichloroethane	20.0	20.0	100	73-130	
1,1-Dichloroethene	20.0	16.7	83	68-133	
1,2,3-Trichlorobenzene	20.0	18.4	92	53-144	
1,2,4-Trichlorobenzene	20.0	20.1	100	64-132	
1,2-Dichloropropane	20.0	21.0	105	76-126	
1,3-Dichlorobenzene	20.0	19.9	100	80-121	
1,4-Dichlorobenzene	20.0	19.1	95	80-118	
1,4-Dioxane	400	375	94	70-142	
2-Butanone (MEK)	100	97.8	98	69-128	
2-Hexanone	100	101	101	74-127	
4-Methyl-2-pentanone (MIBK)	100	106	106	78-125	
Acetone	100	65.6	66	61-134	
Benzene	20.0	20.5	103	78-126	
Bromoform	20.0	19.9	100	38-144	
Bromomethane	20.0	14.6	73	10-150	
Carbon disulfide	20.0	15.9	80	64-138	
Carbon tetrachloride	20.0	20.1	100	56-131	
Chlorobenzene	20.0	20.6	103	80-119	
Chlorobromomethane	20.0	20.4	102	73-126	
Chlorodibromomethane	20.0	19.5	98	58-130	
Chloroethane	20.0	13.5	67	29-150	
Chloroform	20.0	19.1	95	78-125	
Chloromethane	20.0	17.8	89	38-150	
cis-1,2-Dichloroethene	20.0	20.5	103	78-121	
cis-1,3-Dichloropropene	20.0	20.0	100	74-125	
Cyclohexane	20.0	24.0	120	67-133	
Dichlorobromomethane	20.0	18.8	94	72-121	
Dichlorodifluoromethane	20.0	17.2	86	31-150	
Ethylbenzene	20.0	20.9	104	78-120	
Ethylene Dibromide	20.0	19.5	97	69-126	
Isopropylbenzene	20.0	21.4	107	79-125	
Methyl acetate	40.0	43.7	109	70-127	
Methyl tert-butyl ether	20.0	14.8	74	65-131	
Methylcyclohexane	20.0	23.3	116	60-139	
Methylene Chloride	20.0	16.2	81	74-127	
m-Xylene & p-Xylene	20.0	21.0	105	78-123	
o-Xylene	20.0	21.8	109	78-122	

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.: 460-216706-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: P79027.D

Lab ID: LCS 460-720234/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Styrene	20.0	21.5	108	75-127	
Tetrachloroethene	20.0	20.4	102	70-127	
Toluene	20.0	19.8	99	78-119	
trans-1,2-Dichloroethene	20.0	17.1	85	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
Trichloroethene	20.0	21.0	105	71-121	
Trichlorofluoromethane	20.0	13.9	69	61-140	
Vinyl chloride	20.0	17.8	89	61-144	
1,2-Dichloroethane	20.0	17.1	86	75-121	
1,2-Dichlorobenzene	20.0	19.2	96	79-122	
1,2-Dibromo-3-Chloropropane	20.0	17.8	89	41-143	

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.: 460-216706-1
 SDG No.: _____
 Lab File ID: P79032.D Lab Sample ID: MB 460-720234/9
 Matrix: Water Heated Purge: (Y/N) N
 Instrument ID: CVOAMS13 Date Analyzed: 08/28/2020 11:28
 GC Column: Rtx-624 ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-720234/4	P79027.D	08/28/2020 09:32
TB_20200821	460-216706-3	P79041.D	08/28/2020 14:56
DEC3D2_20200820	460-216706-1	P79045.D	08/28/2020 16:28
DEC5D1_20200820	460-216706-2	P79046.D	08/28/2020 16:51

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab File ID: P76750.D BFB Injection Date: 07/09/2020
 Instrument ID: CVOAMS13 BFB Injection Time: 03:47
 Analysis Batch No.: 706917

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.9	(1.1) 1
174	Greater than 50% of mass 95	83.1	
175	5.0 - 9.0 % of mass 174	6.1	(7.4) 1
176	95.0 - 101.0 % of mass 174	81.4	(97.9) 1
177	5.0 - 9.0 % of mass 176	5.4	(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 460-706917/3	P76752.D	07/09/2020	4:40
	STD5 460-706917/5	P76754.D	07/09/2020	5:33
	STD20 460-706917/6	P76755.D	07/09/2020	5:59
	STD50 460-706917/7	P76756.D	07/09/2020	6:26
	STD200 460-706917/8	P76757.D	07/09/2020	6:52
	STD500 460-706917/9	P76758.D	07/09/2020	7:18
	STD1 460-706917/17	P76766.D	07/09/2020	12:29
	ICV 460-706917/19	P76768.D	07/09/2020	13:40

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab File ID: P79024.D BFB Injection Date: 08/28/2020
 Instrument ID: CVOAMS13 BFB Injection Time: 08:24
 Analysis Batch No.: 720234

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.7	
75	30.0 - 60.0 % of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.3	(0.4) 1
174	Greater than 50% of mass 95	85.8	
175	5.0 - 9.0 % of mass 174	4.7	(5.5) 1
176	95.0 - 101.0 % of mass 174	84.3	(98.3) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-720234/3	P79026.D	08/28/2020	9:09
	LCS 460-720234/4	P79027.D	08/28/2020	9:32
	MB 460-720234/9	P79032.D	08/28/2020	11:28
TB_20200821	460-216706-3	P79041.D	08/28/2020	14:56
DEC3D2_20200820	460-216706-1	P79045.D	08/28/2020	16:28
DEC5D1_20200820	460-216706-2	P79046.D	08/28/2020	16:51

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	241100	1.87	254900	2.85	595897	3.40
UPPER LIMIT	482200	2.37	509800	3.35	1191794	3.90
LOWER LIMIT	120550	1.37	127450	2.35	297949	2.90
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-706917/19	216247	1.87	234175	2.85	623023	3.40

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.: 460-216706-1
 SDG No.: _____
 Sample No.: STD20 460-706917/6 Date Analyzed: 07/09/2020 05:59
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P76755.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT	23586	4.25	422008	6.74	238228	10.24
UPPER LIMIT	47172	4.75	844016	7.24	476456	10.74
LOWER LIMIT	11793	3.75	211004	6.24	119114	9.74
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-706917/19	21036	4.25	426390	6.74	236306	10.24

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Sample No.: CCVIS 460-720234/3 Date Analyzed: 08/28/2020 09:09
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P79026.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	TBA _d 9		BUT		FB	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	157314	1.86	218217	2.83	626036	3.39
UPPER LIMIT	314628	2.36	436434	3.33	1252072	3.89
LOWER LIMIT	78657	1.36	109109	2.33	313018	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-720234/4	157811	1.86	212628	2.83	611427	3.39
MB 460-720234/9	155140	1.86	201243	2.83	611944	3.39
460-216706-3	TB_20200821	132381	178692	2.83	605689	3.39
460-216706-1	DEC3D2_20200820	138787	184993	2.83	585454	3.39
460-216706-2	DEC5D1_20200820	136396	183621	2.83	595991	3.39

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.: 460-216706-1
 SDG No.: _____
 Sample No.: CCVIS 460-720234/3 Date Analyzed: 08/28/2020 09:09
 Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm)
 Lab File ID (Standard): P79026.D Heated Purge: (Y/N) N
 Calibration ID: 80959

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	22286	4.25	451799	6.72	262989	10.23
UPPER LIMIT	44572	4.75	903598	7.22	525978	10.73
LOWER LIMIT	11143	3.75	225900	6.22	131495	9.73
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-720234/4	21910	4.25	444916	6.72	264843	10.23
MB 460-720234/9	20601	4.25	434774	6.72	247586	10.23
460-216706-3	TB_20200821	17930	436426	6.72	243120	10.23
460-216706-1	DEC3D2_20200820	18463	428166	6.72	244490	10.23
460-216706-2	DEC5D1_20200820	17461	438656	6.72	241616	10.23

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC3D2_20200820 Lab Sample ID: 460-216706-1
 Matrix: Water Lab File ID: P79045.D
 Analysis Method: 8260C Date Collected: 08/20/2020 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	6.7	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	5.7	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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC3D2_20200820 Lab Sample ID: 460-216706-1
 Matrix: Water Lab File ID: P79045.D
 Analysis Method: 8260C Date Collected: 08/20/2020 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.69	J	1.0	0.25
108-88-3	Toluene	0.40	J	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	57		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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC3D2_20200820 Lab Sample ID: 460-216706-1
 Matrix: Water Lab File ID: P79045.D
 Analysis Method: 8260C Date Collected: 08/20/2020 14:05
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\IP79045.D
 Lims ID: 460-216706-B-1
 Client ID: DEC3D2_20200820
 Sample Type: Client
 Inject. Date: 28-Aug-2020 16:28:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216706-B-1
 Misc. Info.: 460-0115916-022
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:02:02 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg Date: 28-Aug-2020 18:55:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	0.886	0.893	-0.007	98	2310	0.3884	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	138787	1000.0	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	97	19323	5.74	
46 Chloroform	83	2.655	2.648	0.007	99	36166	6.68	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	134949	49.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	184993	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	135080	41.2	
* 66 Fluorobenzene	96	3.393	3.393	0.000	99	585454	50.0	
69 Trichloroethene	130	3.536	3.536	0.000	98	176859	56.5	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	18463	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	537321	51.8	
83 Toluene	91	4.947	4.940	0.007	87	5307	0.3980	
86 Tetrachloroethene	166	5.370	5.362	0.008	94	2164	0.6949	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	428166	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	95	172329	50.3	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	244490	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Worklist Smp#: 22

Client ID: DEC3D2_20200820

Purge Vol: 5.000 mL

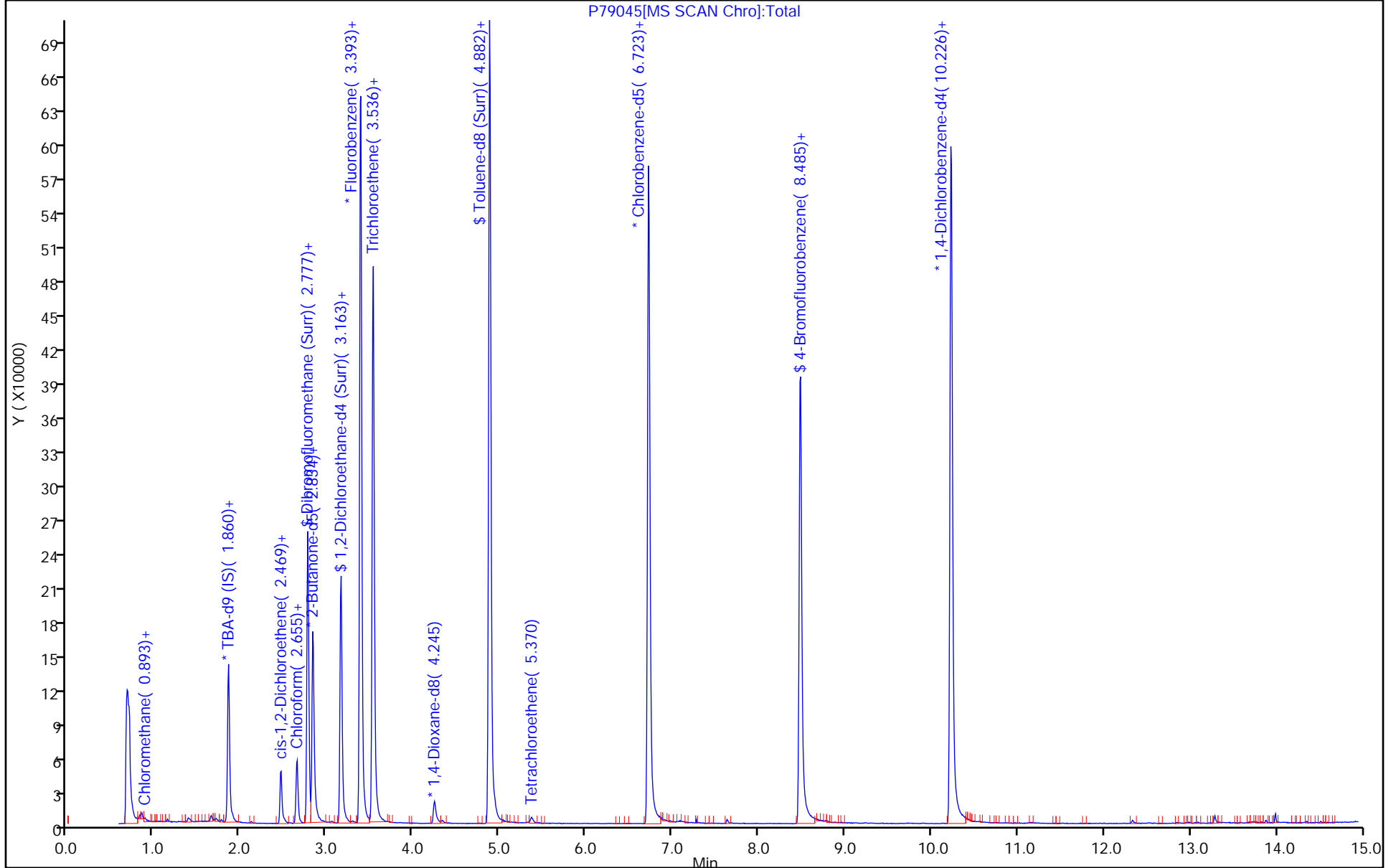
Dil. Factor: 1.0000

ALS Bottle#: 21

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

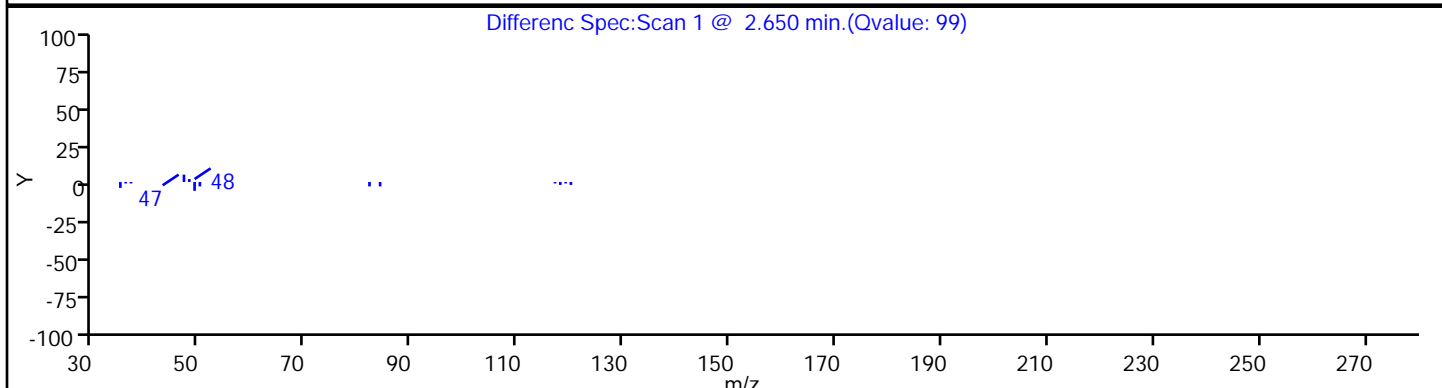
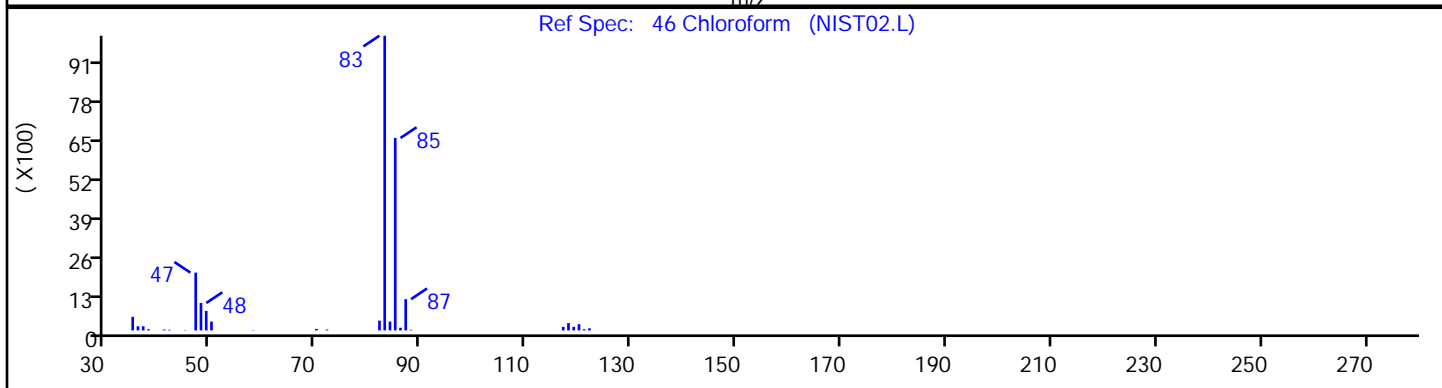
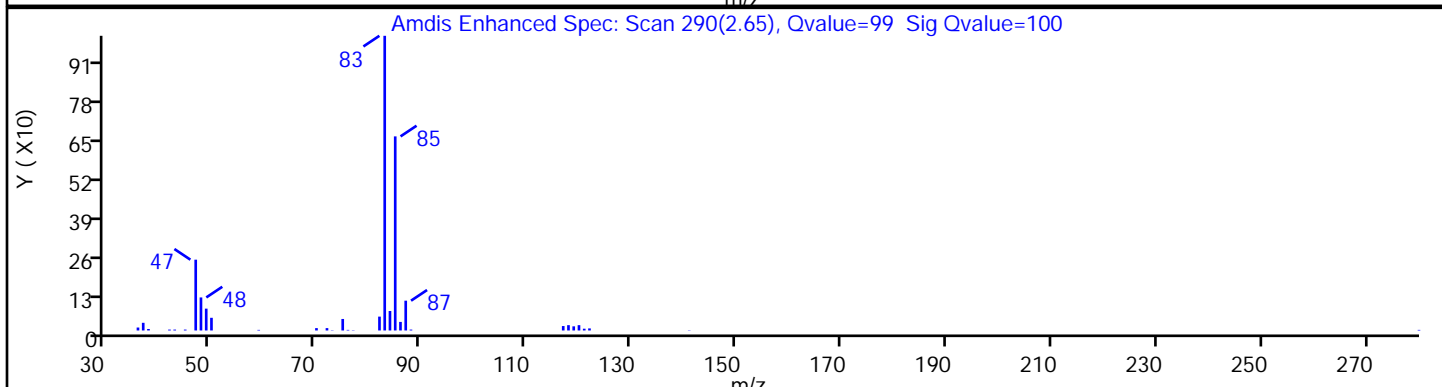
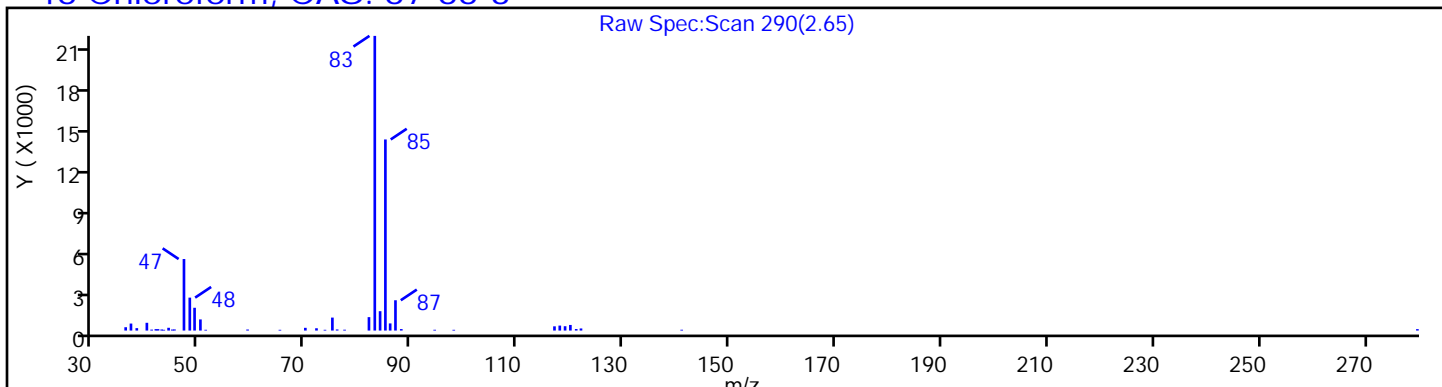
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

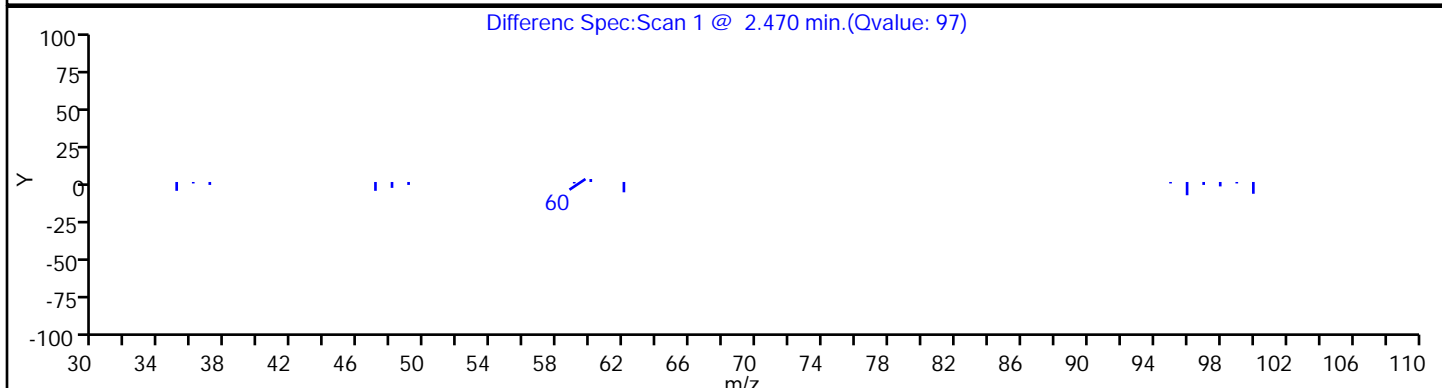
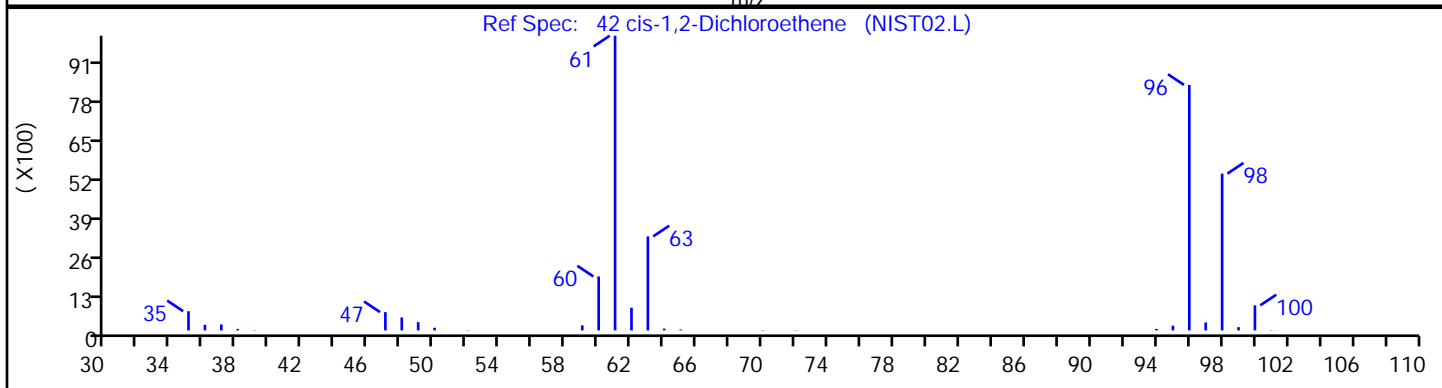
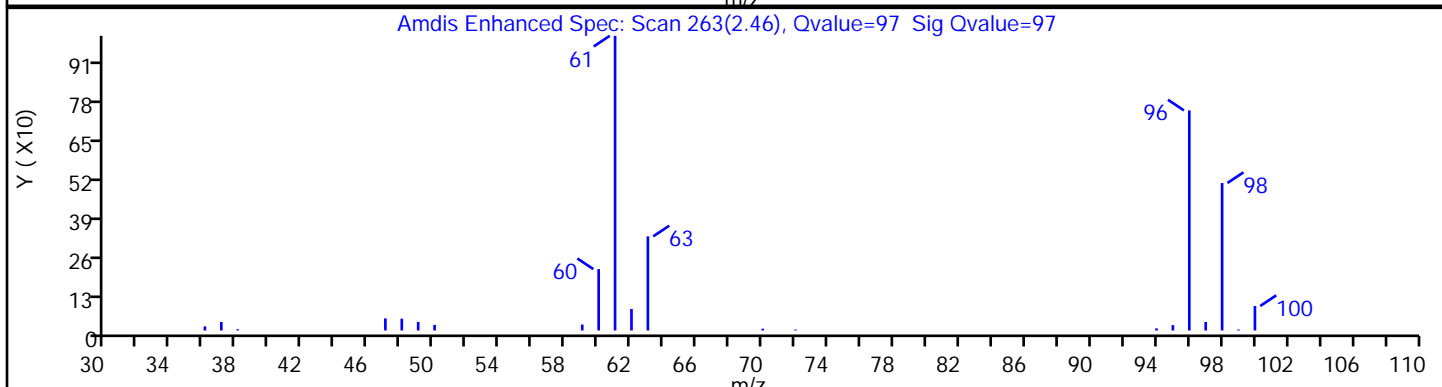
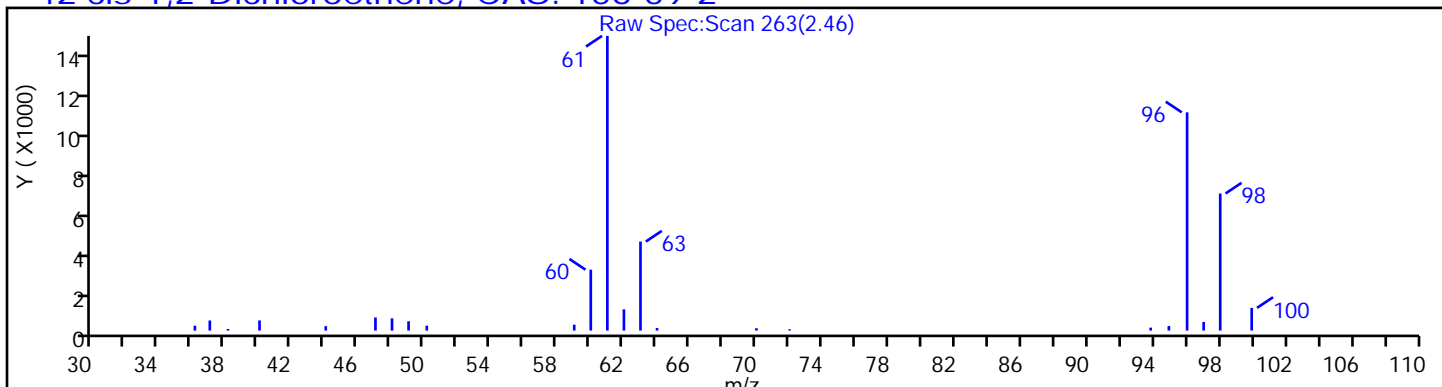
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

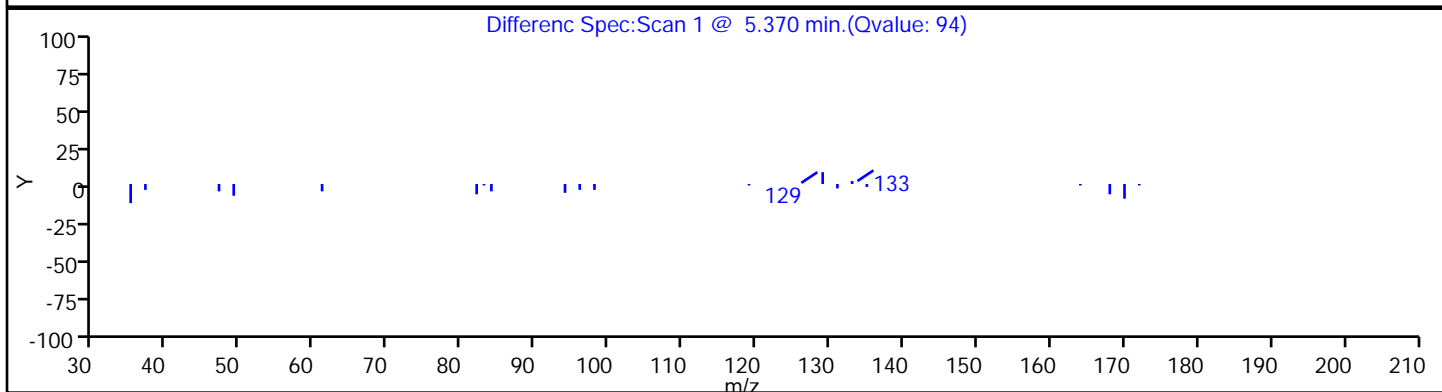
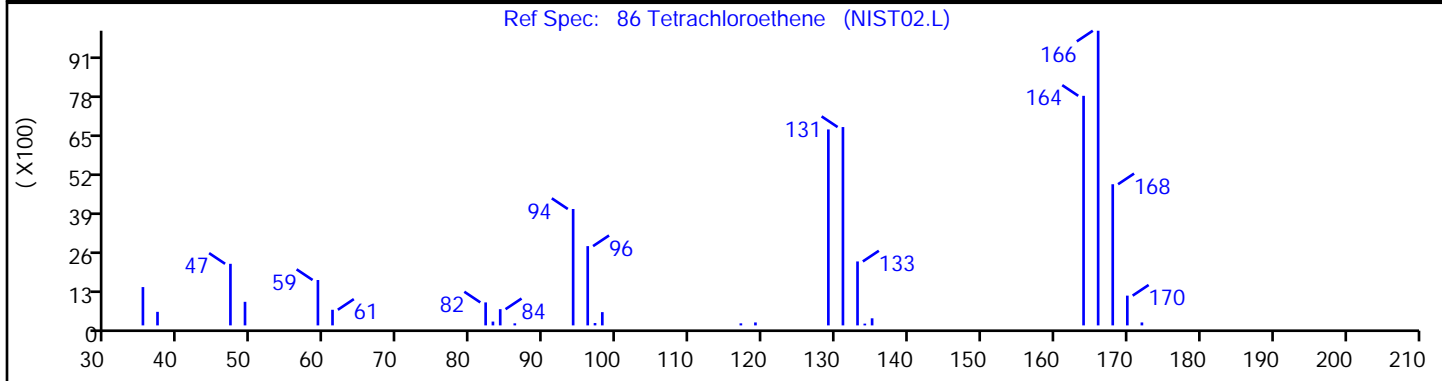
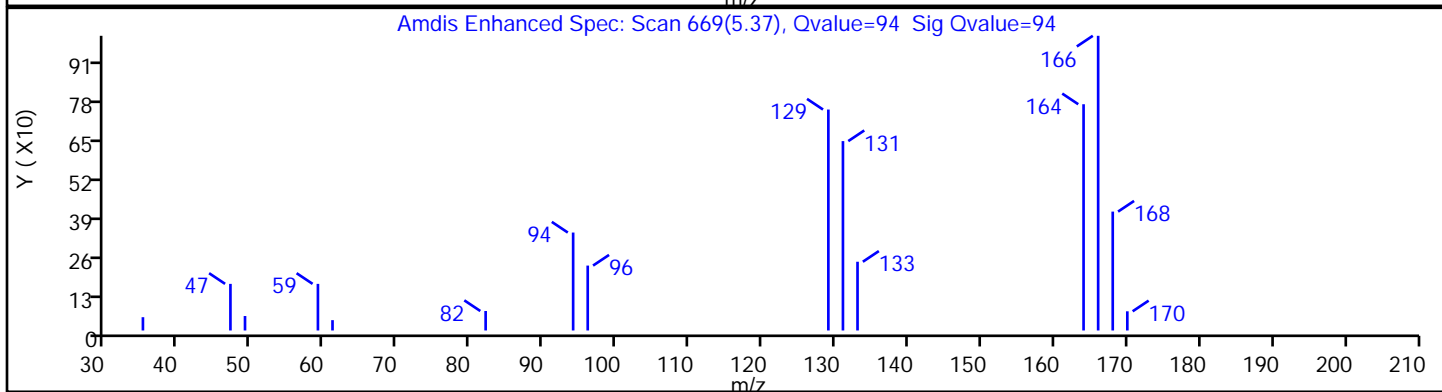
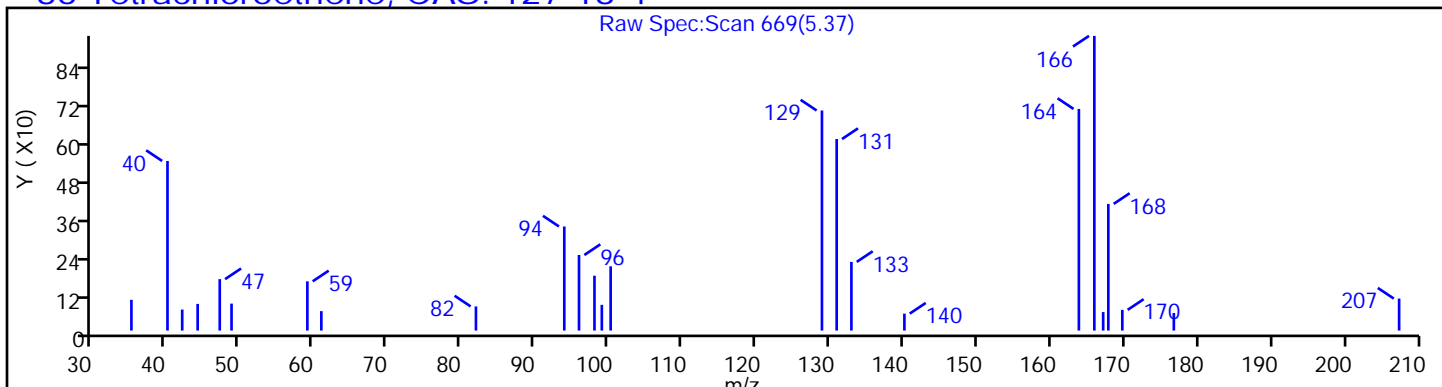
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

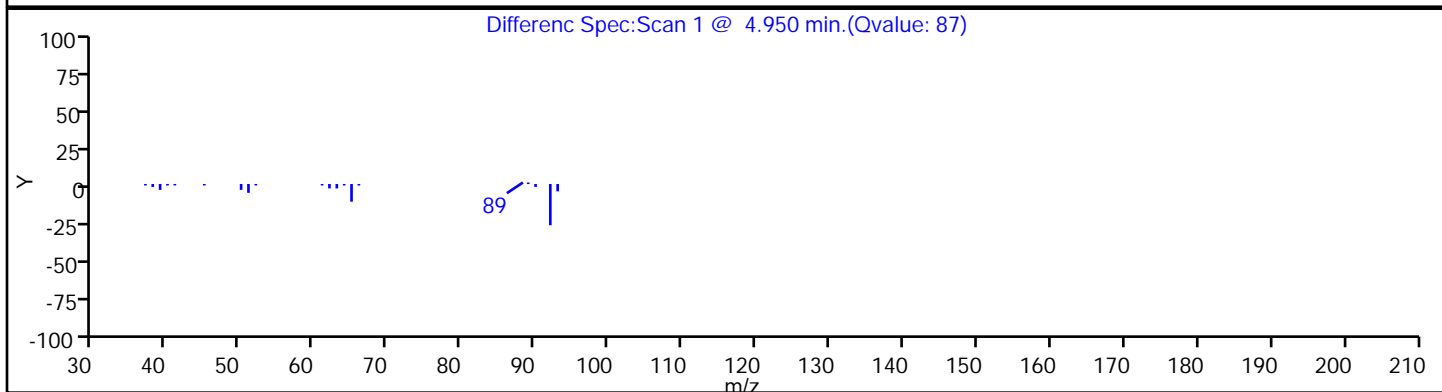
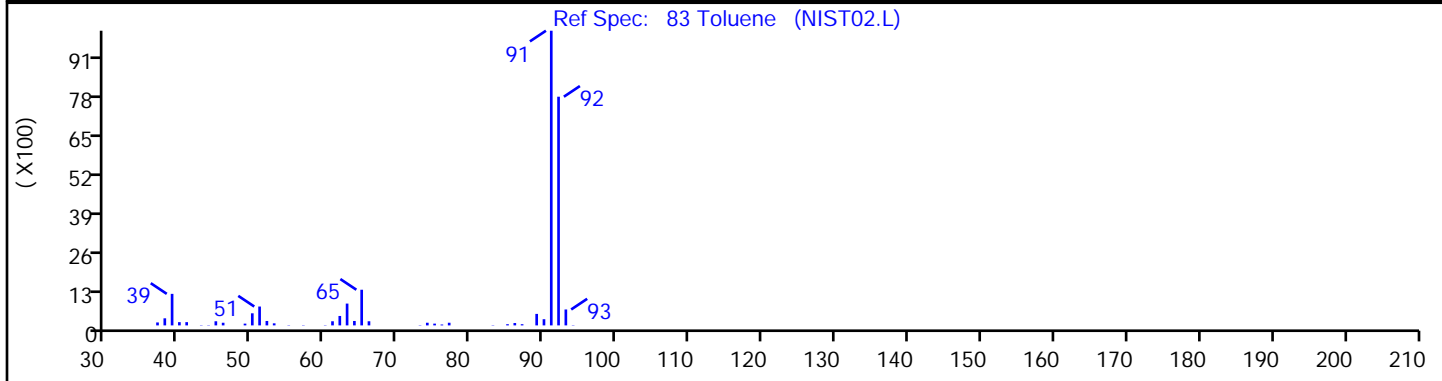
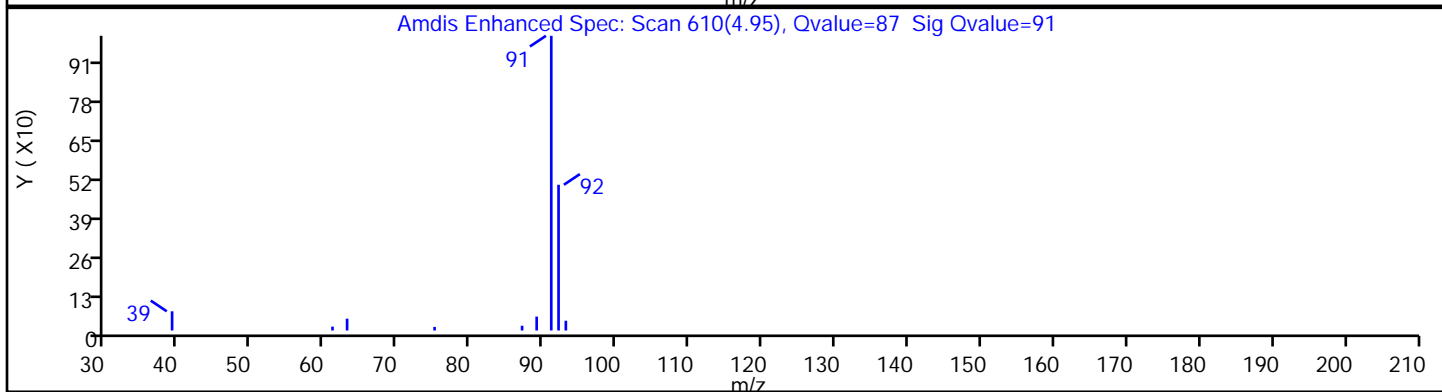
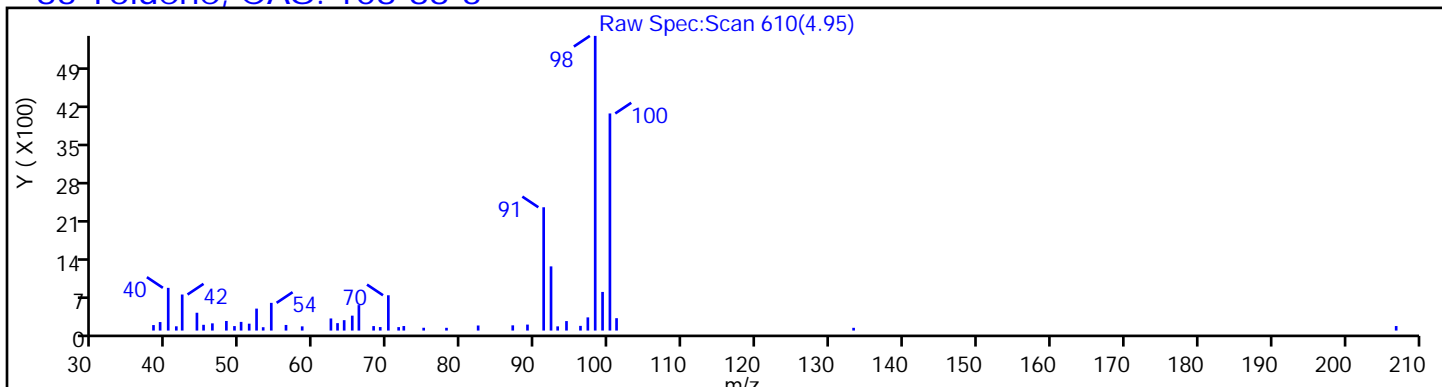
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

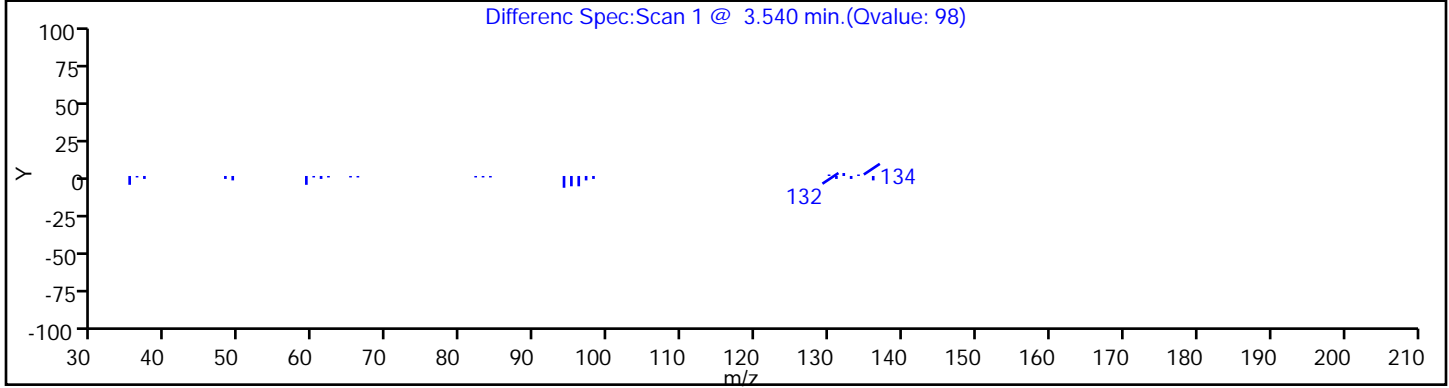
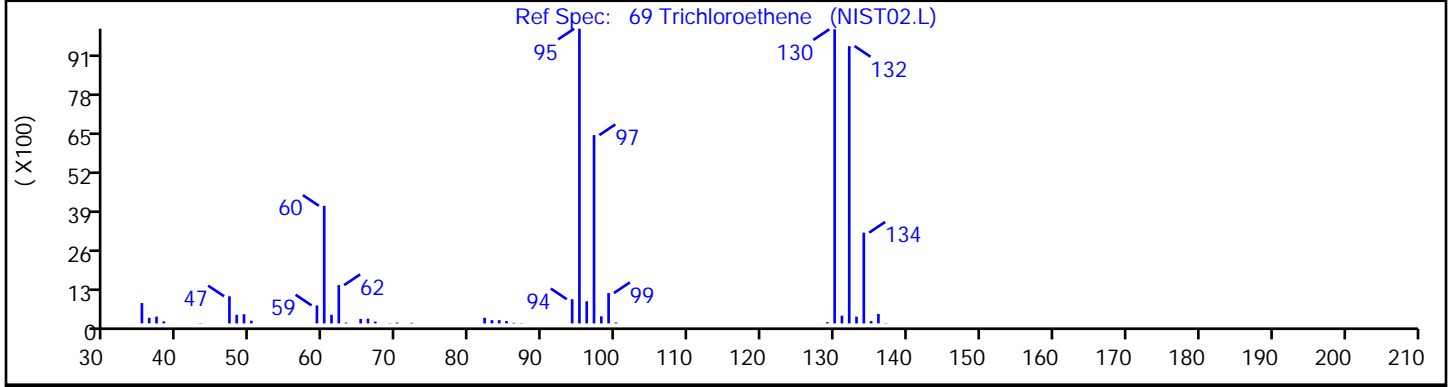
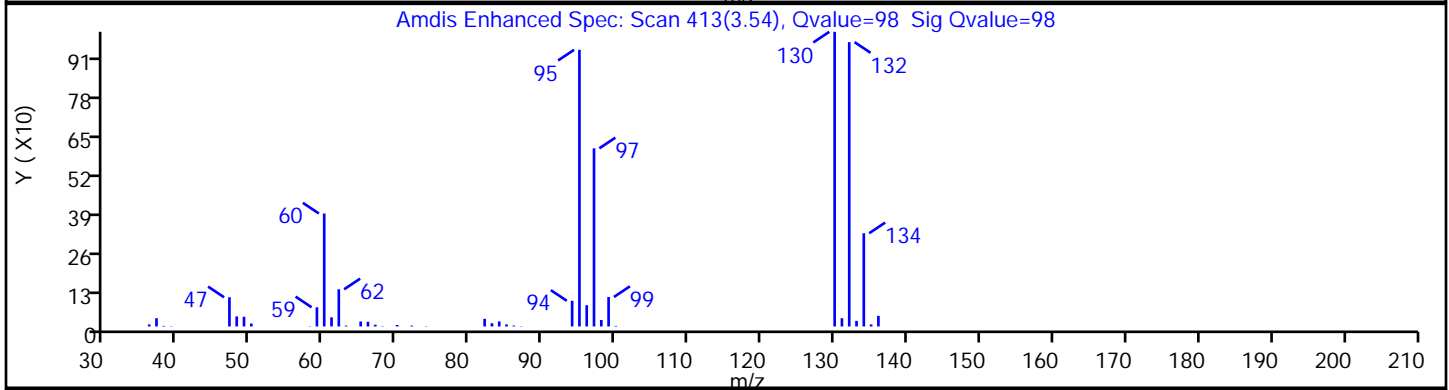
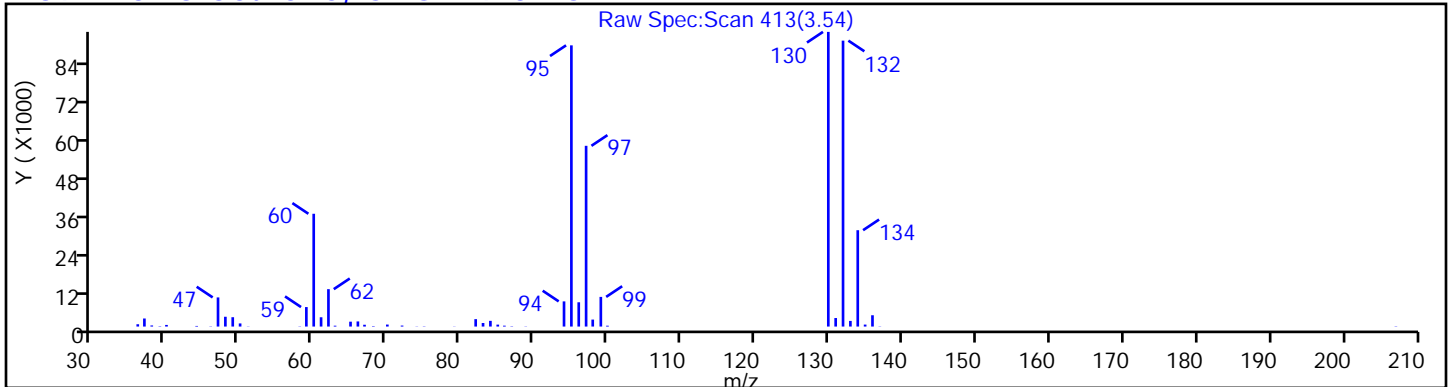
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

69 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#:

21

Worklist Smp#:

22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

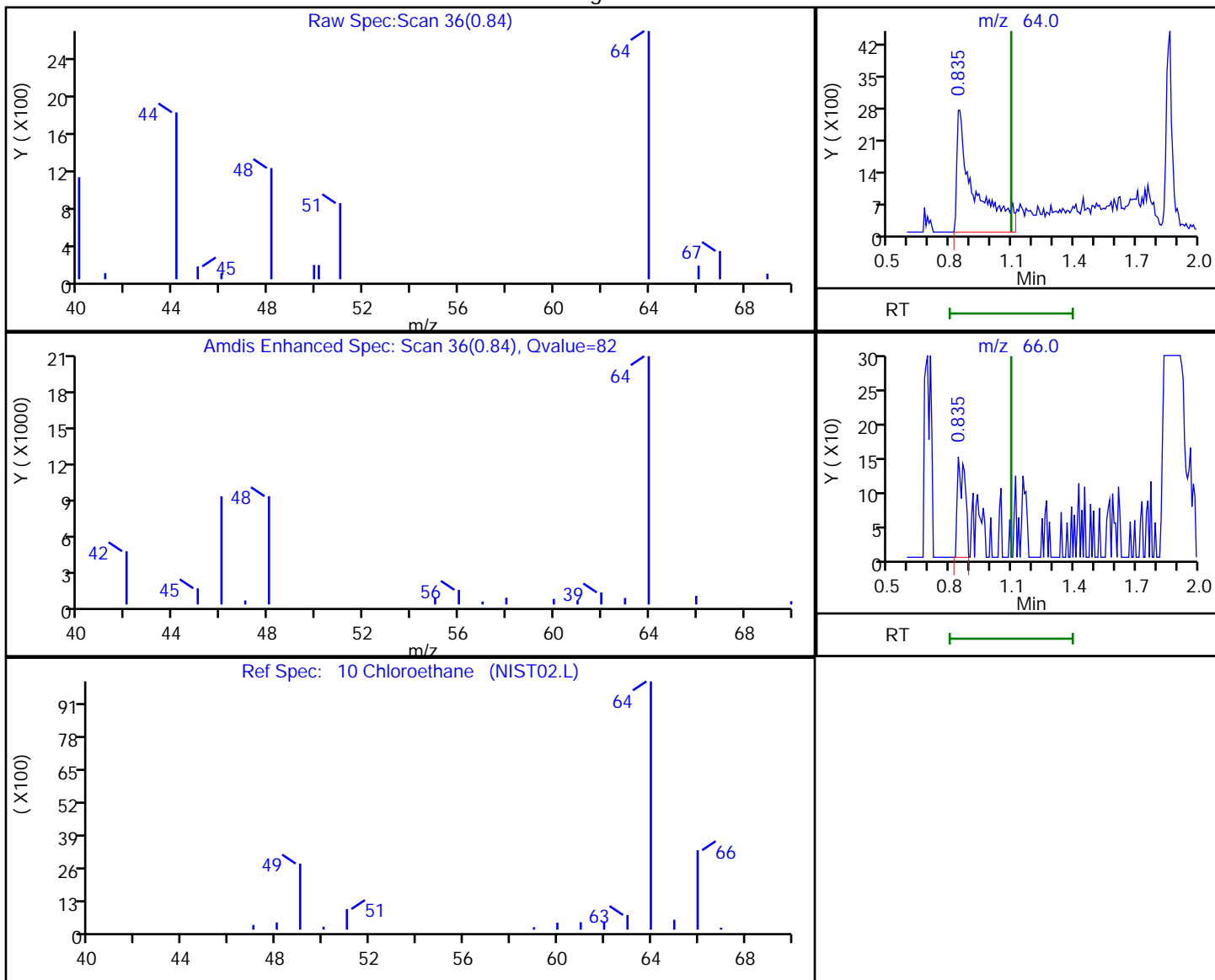
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.84	64.00	16037	4.937674
0.84	66.00	367	

Reviewer: xuyvo, 29-Aug-2020 13:01:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

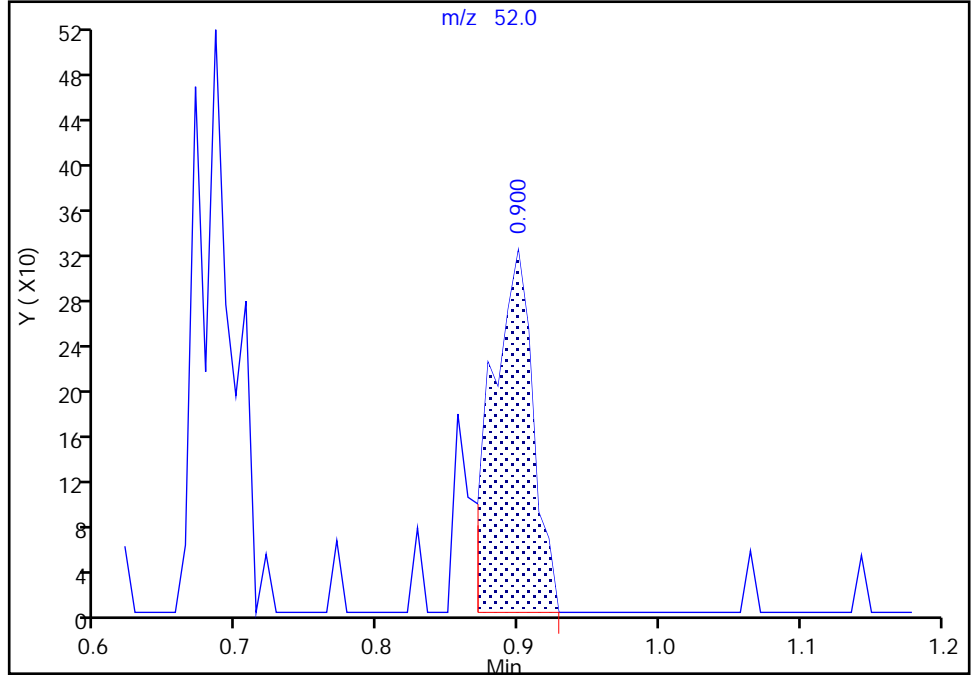
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Injection Date: 28-Aug-2020 16:28:30 Instrument ID: CVOAMS13
Lims ID: 460-216706-B-1 Lab Sample ID: 460-216706-1
Client ID: DEC3D2_20200820
Operator ID: ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Signal: 2

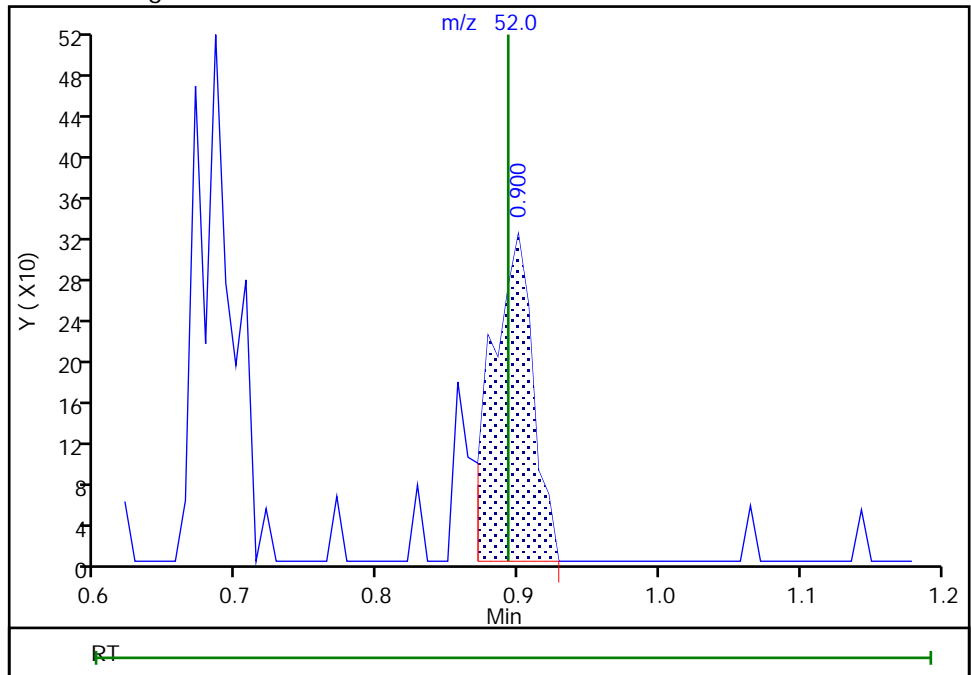
RT: 0.90
Area: 643
Amount: 0.388361
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 643
Amount: 0.388361
Amount Units: ug/l

Manual Integration Results



Reviewer: xuyvo, 29-Aug-2020 13:01:31
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#:

21

Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

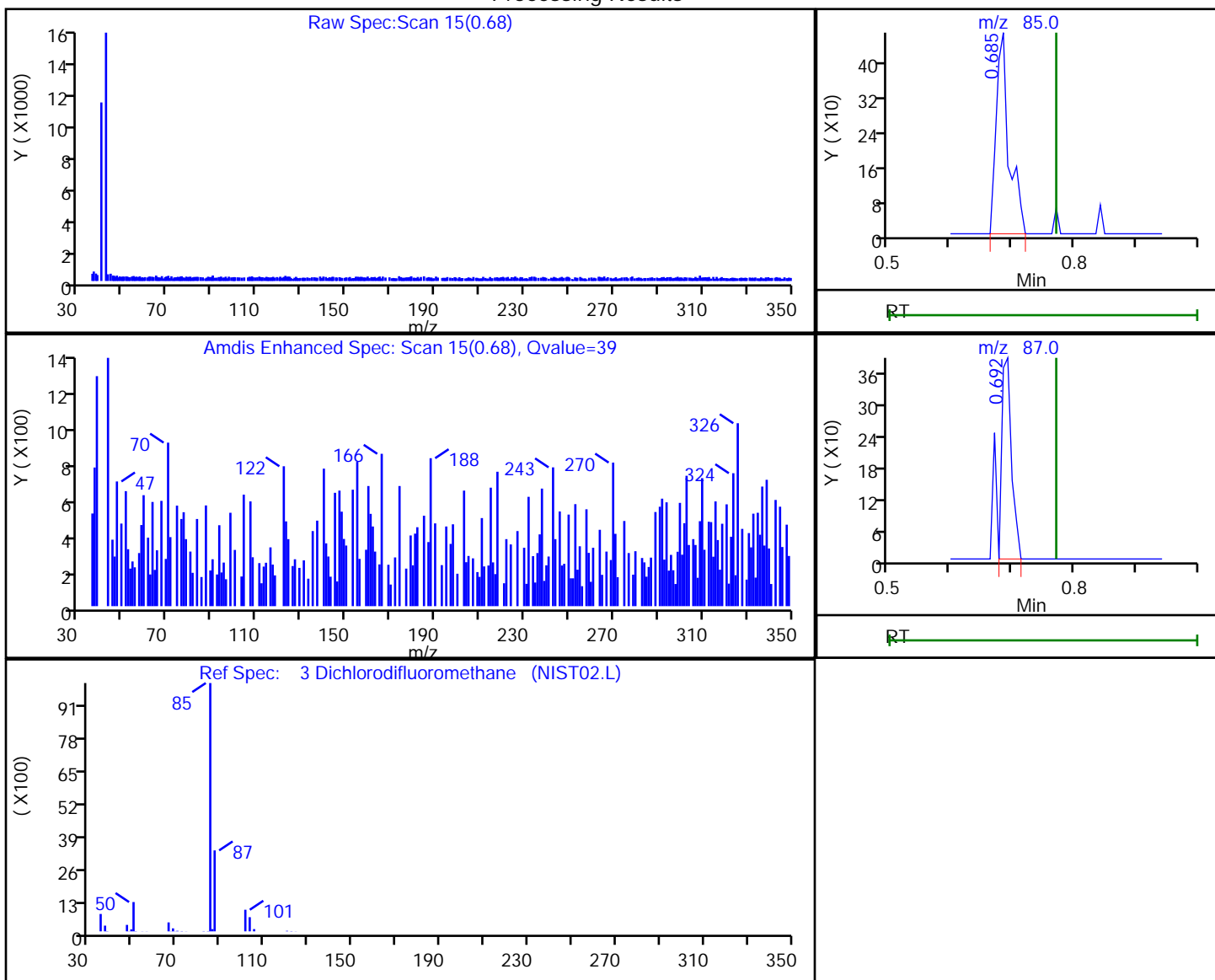
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.68	85.00	670	0.141534
0.69	87.00	414	

Reviewer: xuyvo, 29-Aug-2020 13:01:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\p79045.D

Injection Date: 28-Aug-2020 16:28:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-1

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

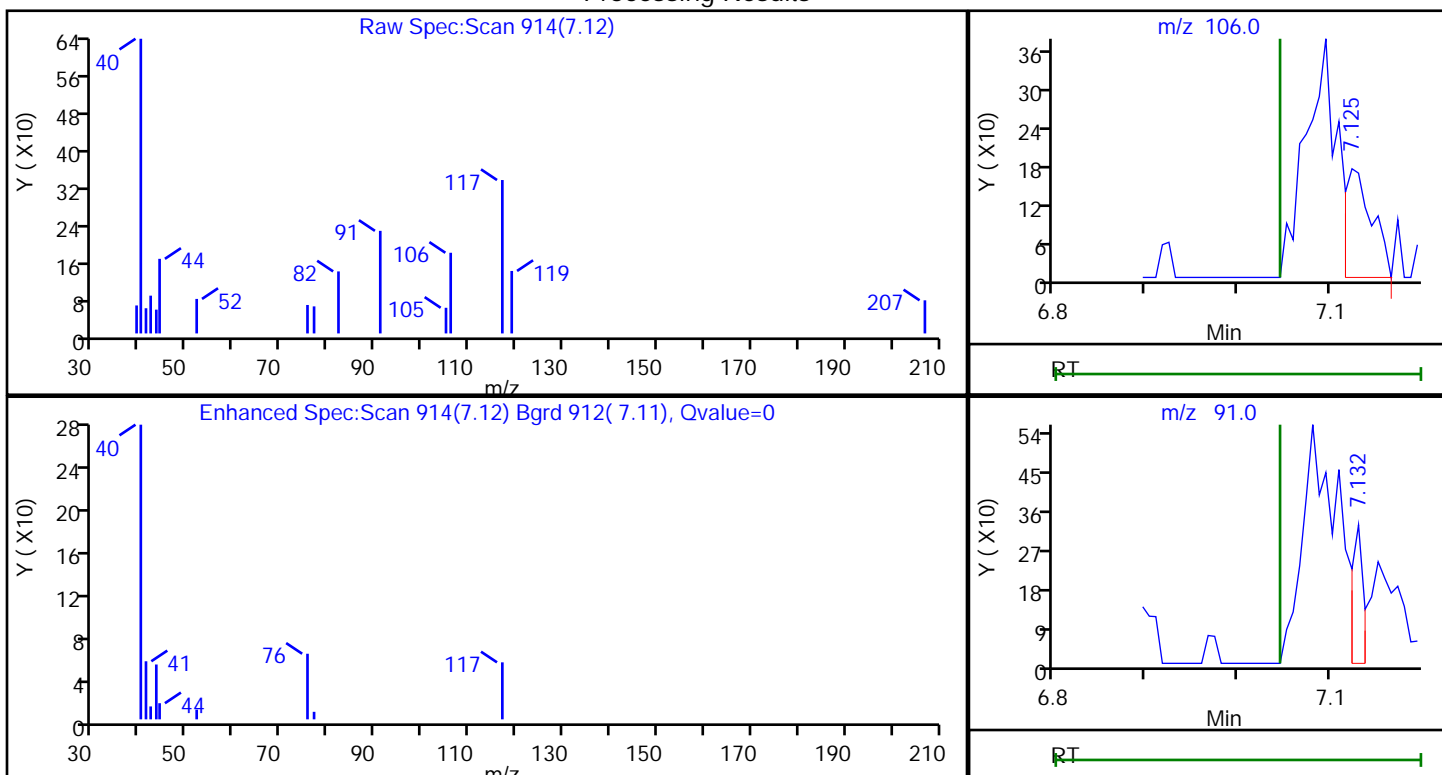
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
7.12	106.00	354	0.063762
7.13	91.00	287	

Reviewer: xuyvo, 29-Aug-2020 13:01:57

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.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC5D1_20200820 Lab Sample ID: 460-216706-2
 Matrix: Water Lab File ID: P79046.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	3.0		1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.43	U	1.0	0.43
75-34-3	1,1-Dichloroethane	1.1		1.0	0.26
75-35-4	1,1-Dichloroethene	1.8		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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.46	J	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	58		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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC5D1_20200820 Lab Sample ID: 460-216706-2
 Matrix: Water Lab File ID: P79046.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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	0.89	J	1.0	0.25
108-88-3	Toluene	0.84	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.79	J	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.49	U	1.0	0.49
79-01-6	Trichloroethene	20		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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC5D1_20200820 Lab Sample ID: 460-216706-2
 Matrix: Water Lab File ID: P79046.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 16:51
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\1P79046.D
 Lims ID: 460-216706-B-2
 Client ID: DEC5D1_20200820
 Sample Type: Client
 Inject. Date: 28-Aug-2020 16:51:30 ALS Bottle#: 22 Worklist Smp#: 23
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216706-B-2
 Misc. Info.: 460-0115916-023
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:02:31 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: xuyvo

Date: 29-Aug-2020 13:04:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
12 Trichlorofluoromethane	101	1.150	1.151	-0.001	95	1820	0.3140	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	97	6151	1.82	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.415	1.416	-0.001	98	9997	2.95	
29 trans-1,2-Dichloroethene	96	1.781	1.774	0.007	94	2946	0.7855	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	136396	1000.0	
38 1,1-Dichloroethane	63	2.125	2.125	0.000	99	6328	1.09	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	197109	57.5	
46 Chloroform	83	2.655	2.648	0.007	93	2521	0.4572	
\$ 51 Dibromofluoromethane (Surr)	113	2.776	2.777	-0.001	98	134362	48.2	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	183621	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	135410	40.5	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	595991	50.0	
69 Trichloroethene	130	3.536	3.536	0.000	97	63472	19.9	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	17461	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	544149	51.2	
83 Toluene	91	4.947	4.940	0.007	92	11409	0.8352	
86 Tetrachloroethene	166	5.369	5.362	0.007	95	2828	0.8864	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	438656	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	172153	49.1	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	241616	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Worklist Smp#: 23

Client ID: DEC5D1_20200820

Purge Vol: 5.000 mL

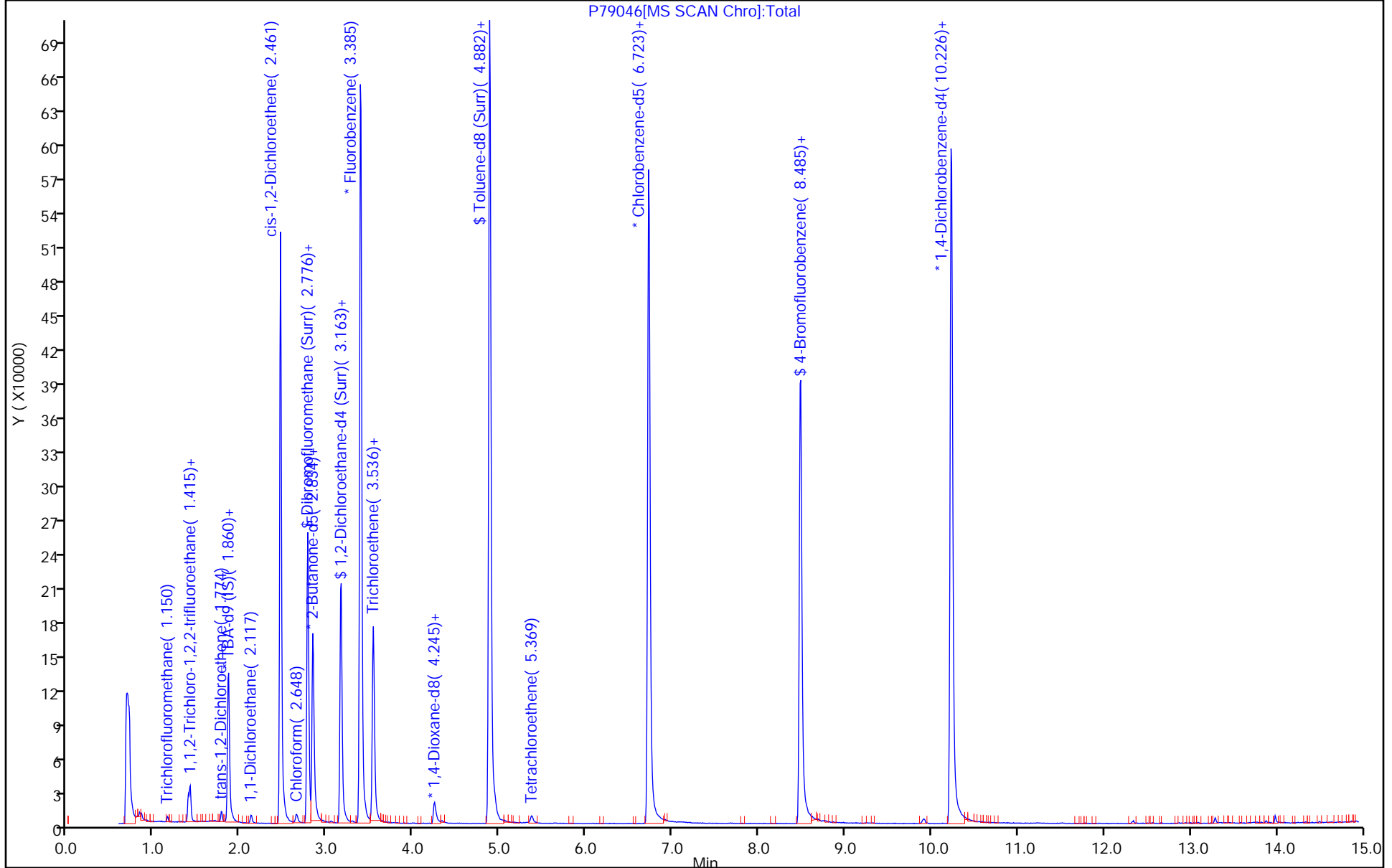
Dil. Factor: 1.0000

ALS Bottle#: 22

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

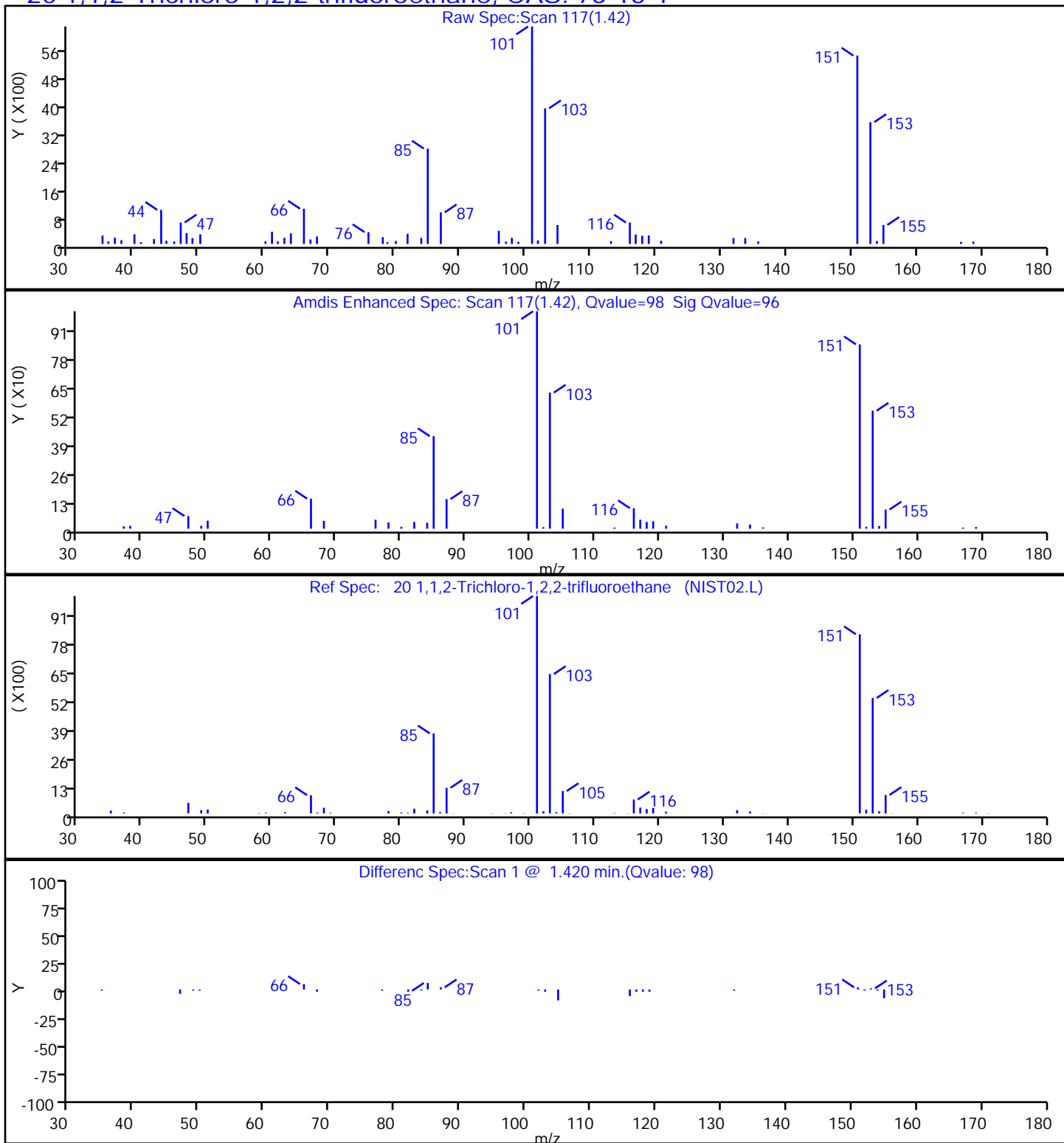
Method: 8260W_13

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



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

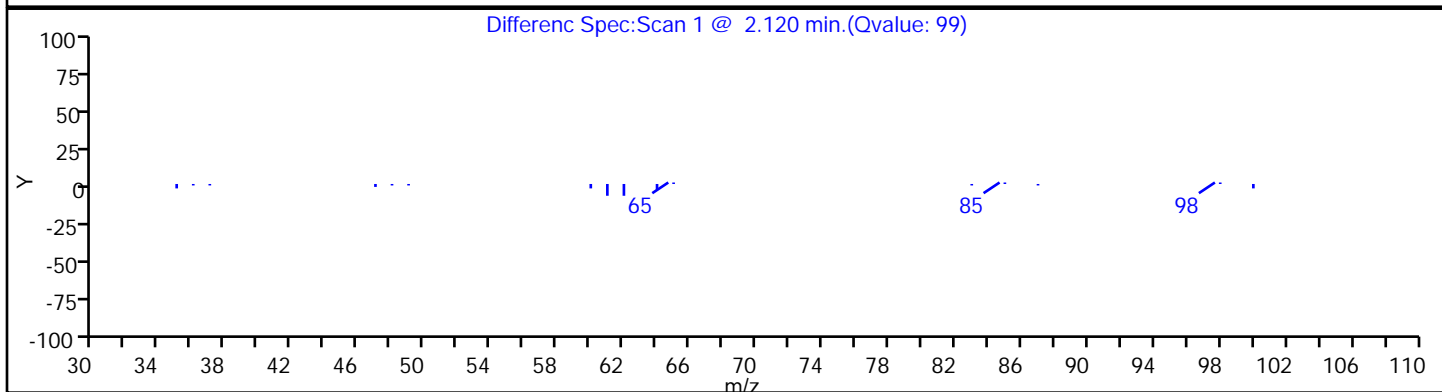
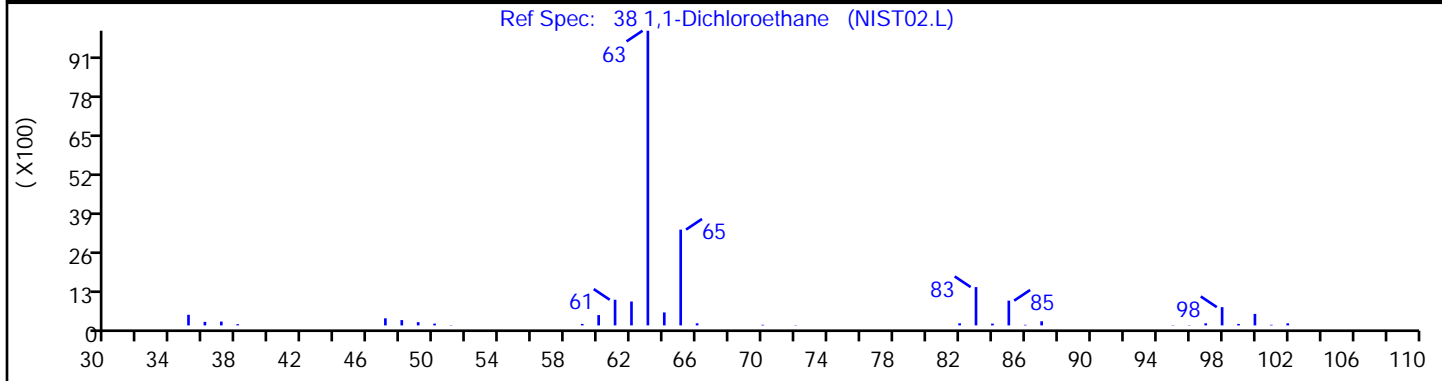
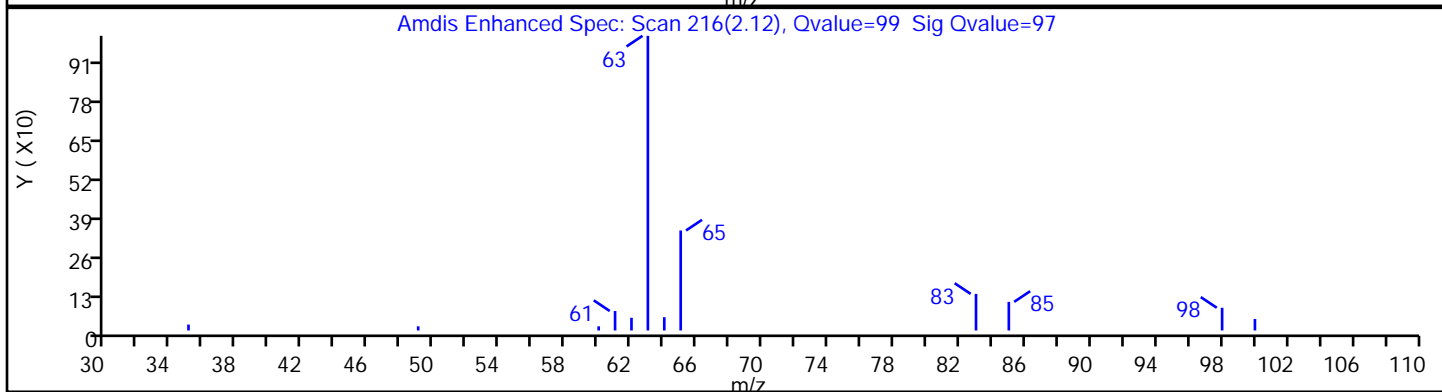
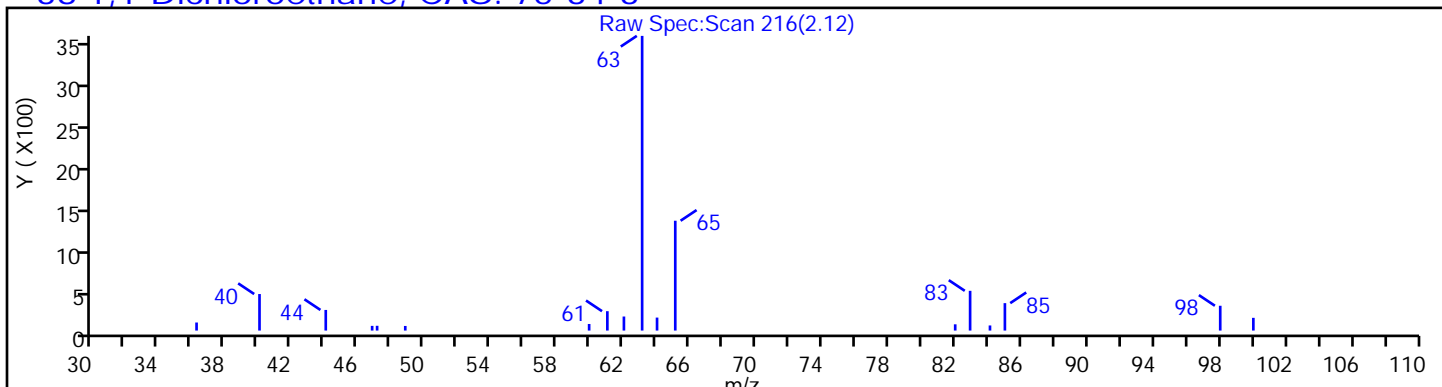
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

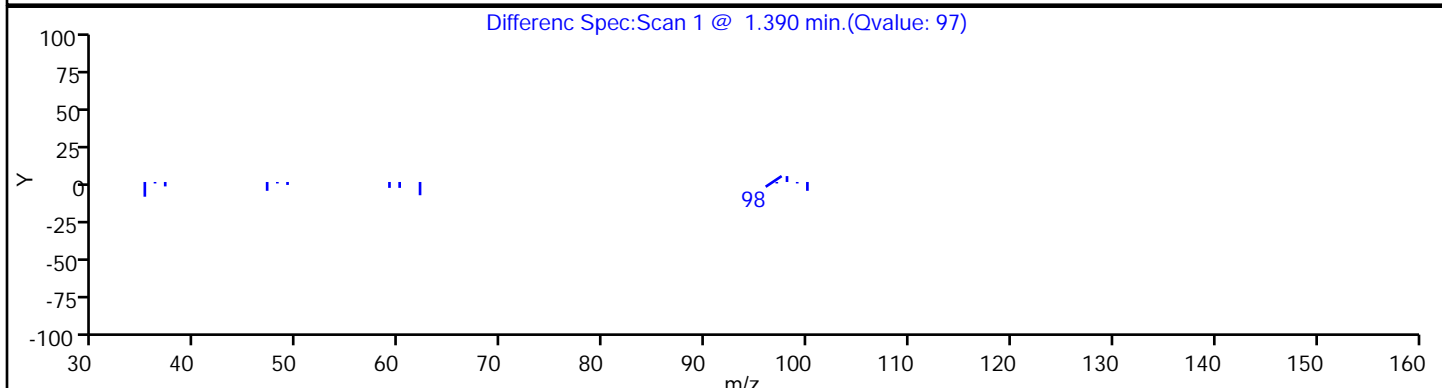
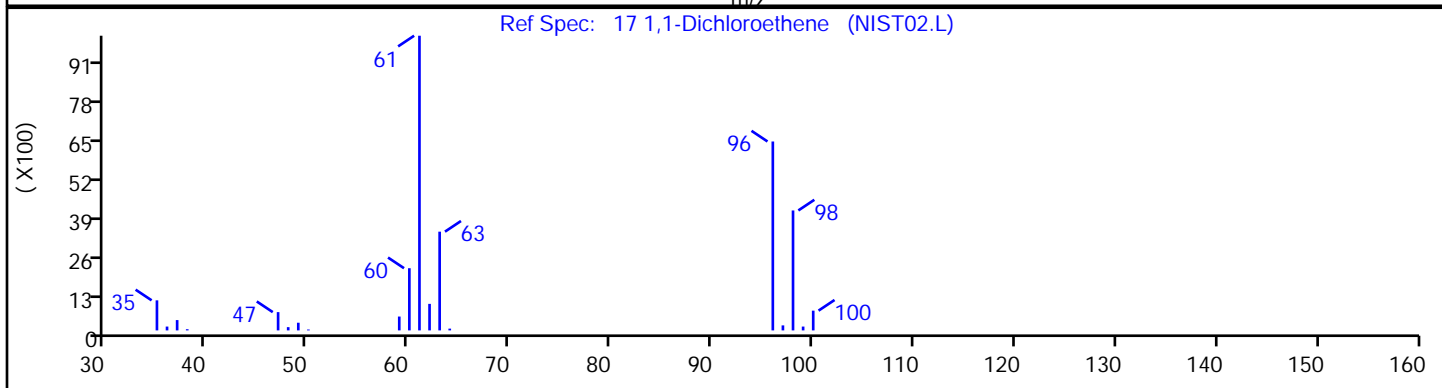
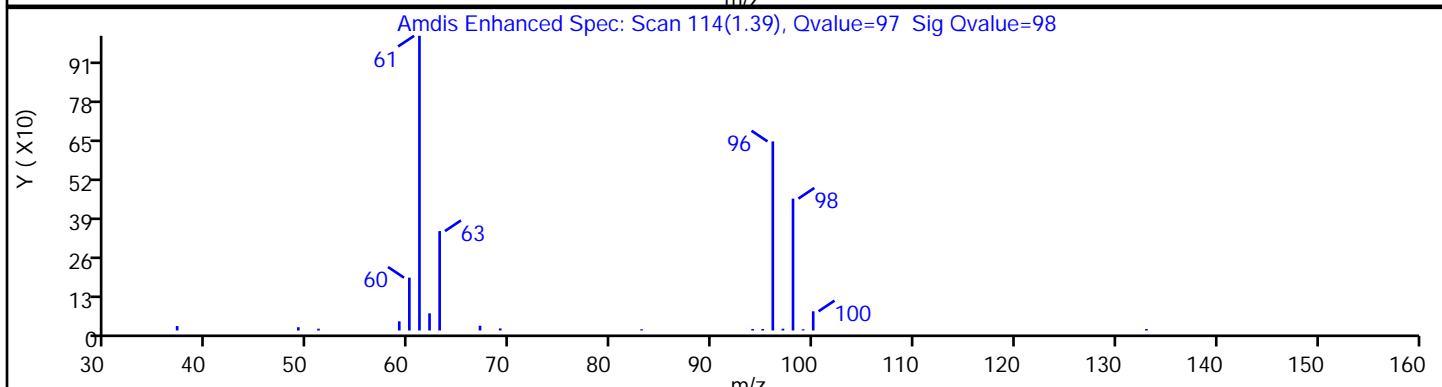
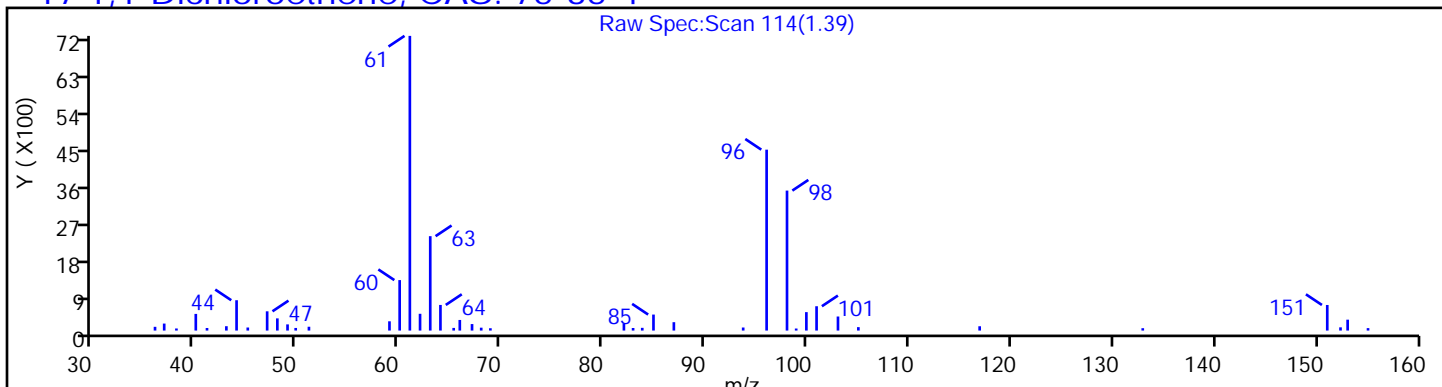
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

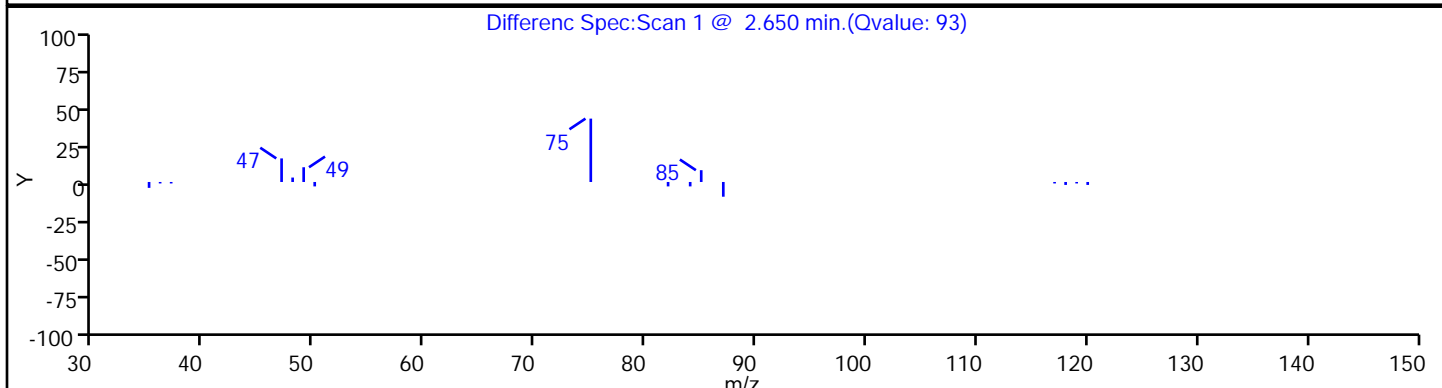
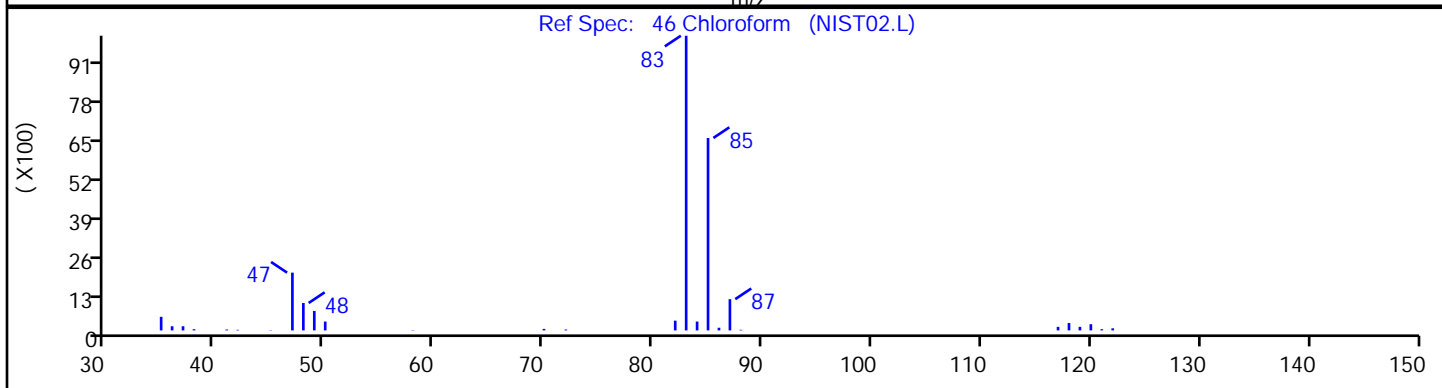
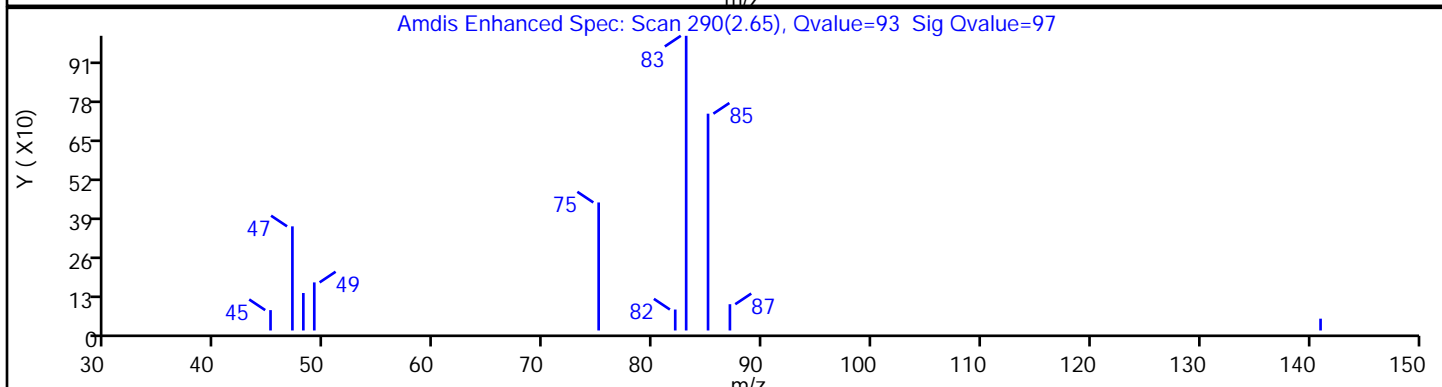
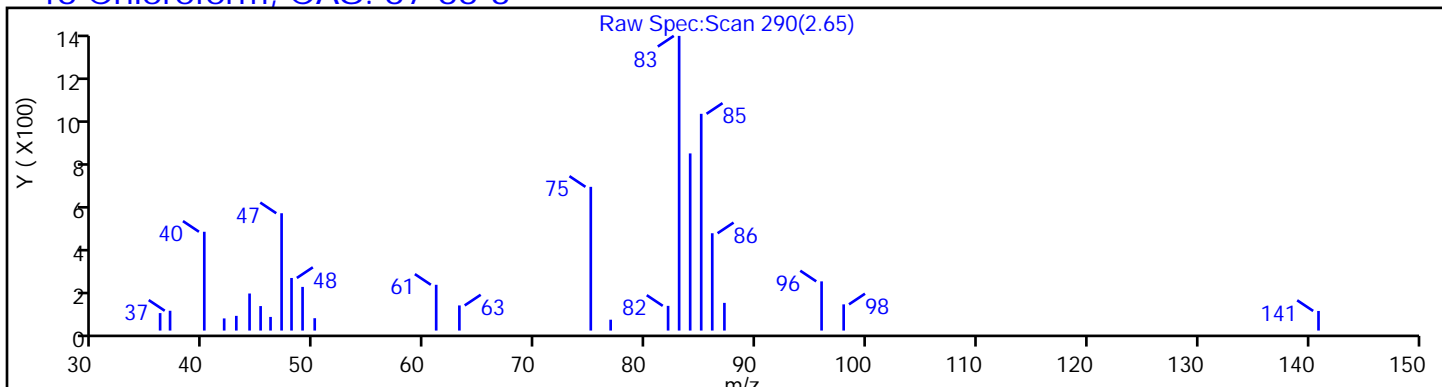
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

46 Chloroform, CAS: 67-66-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

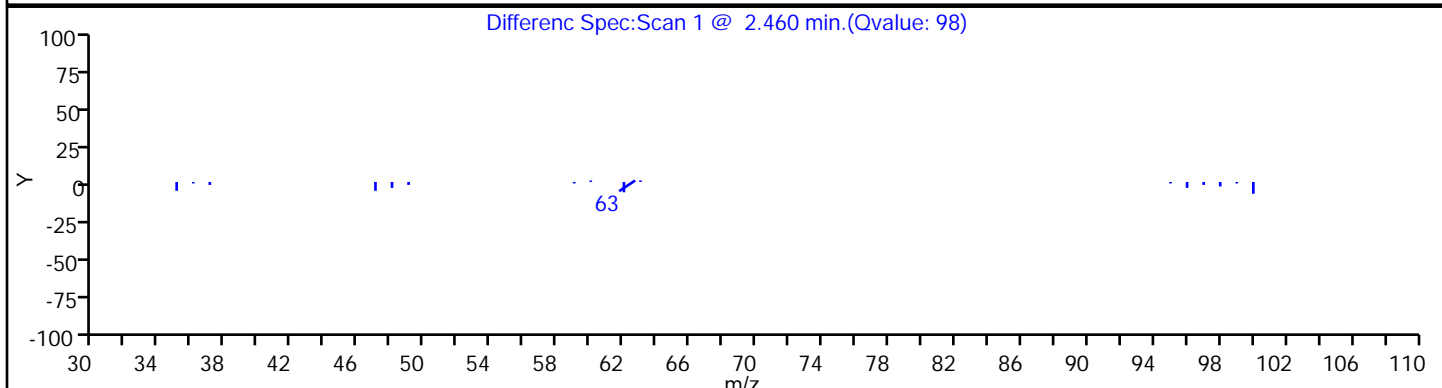
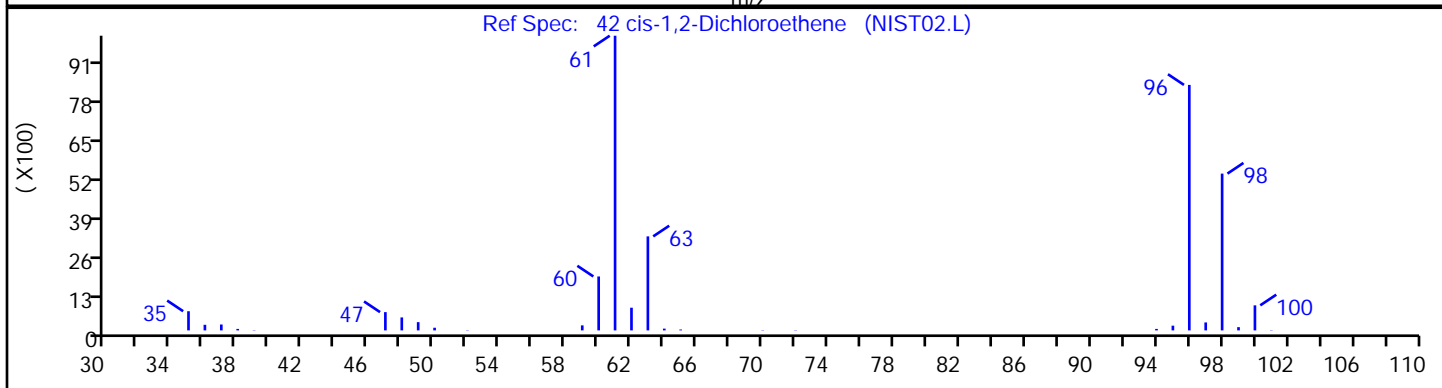
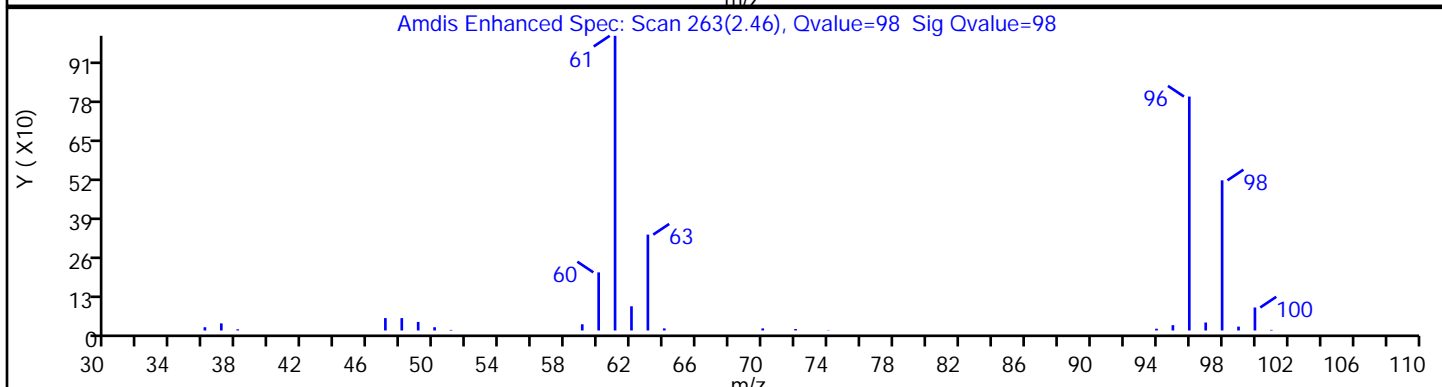
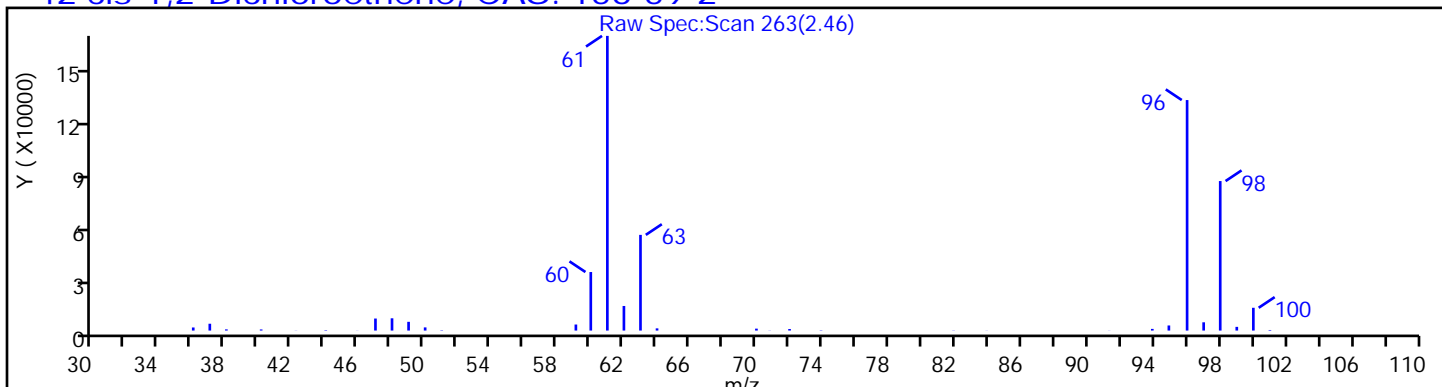
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

42 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

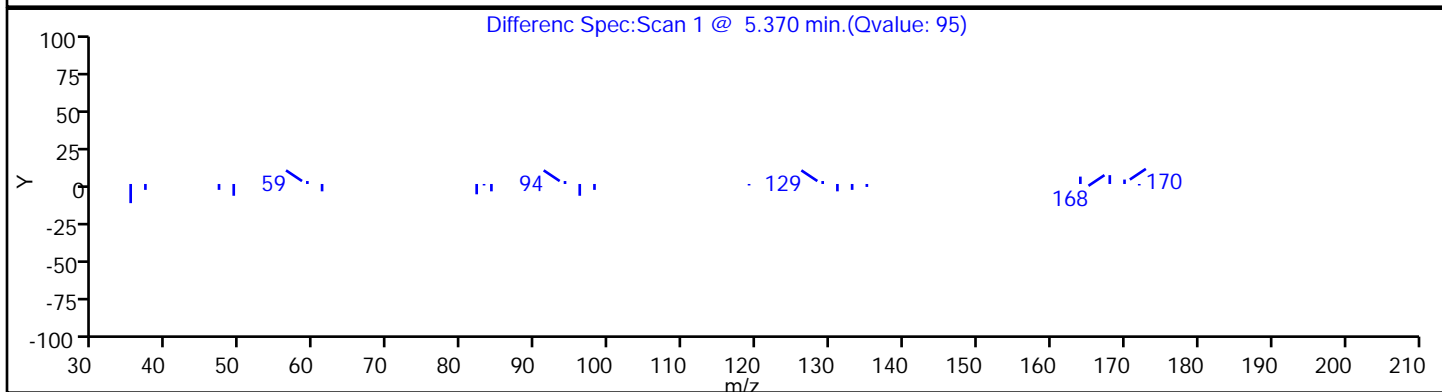
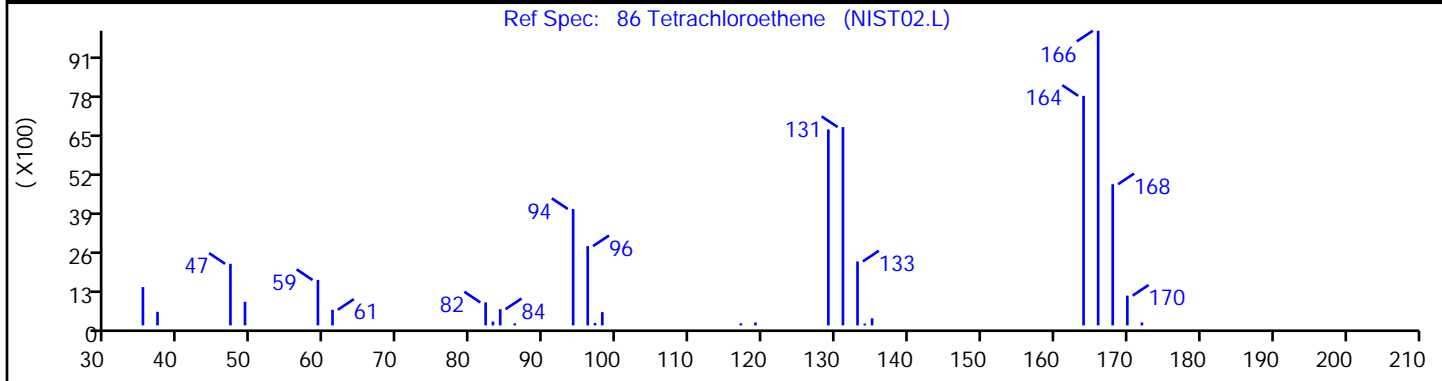
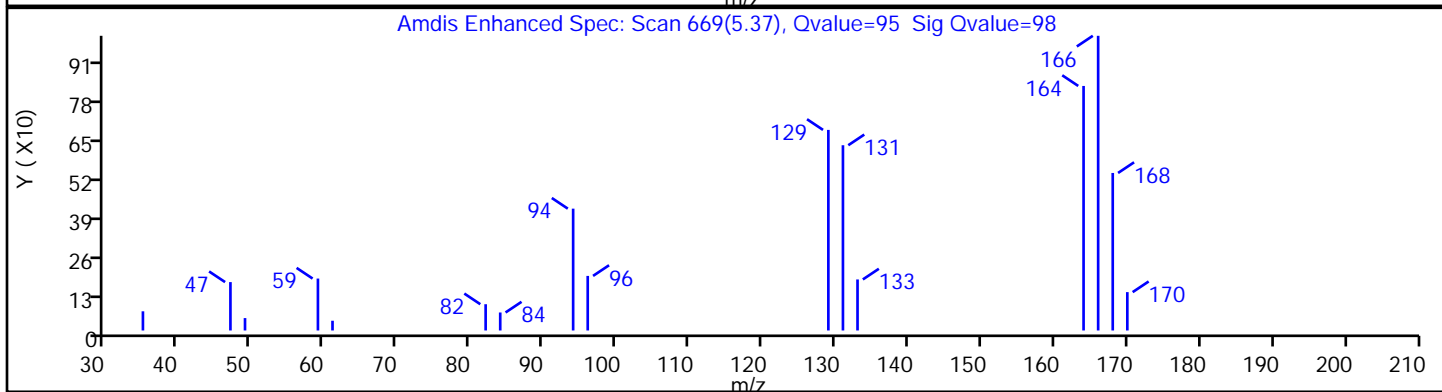
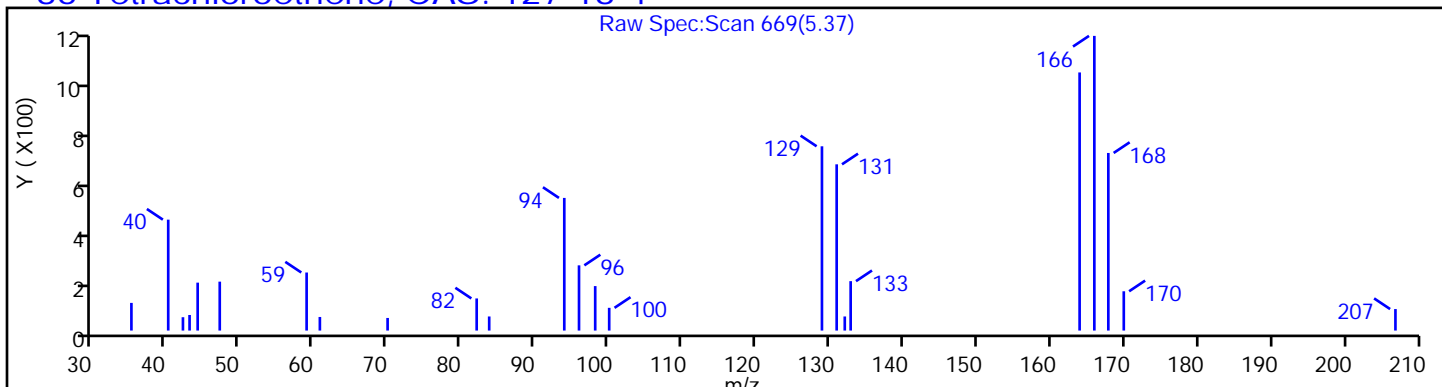
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

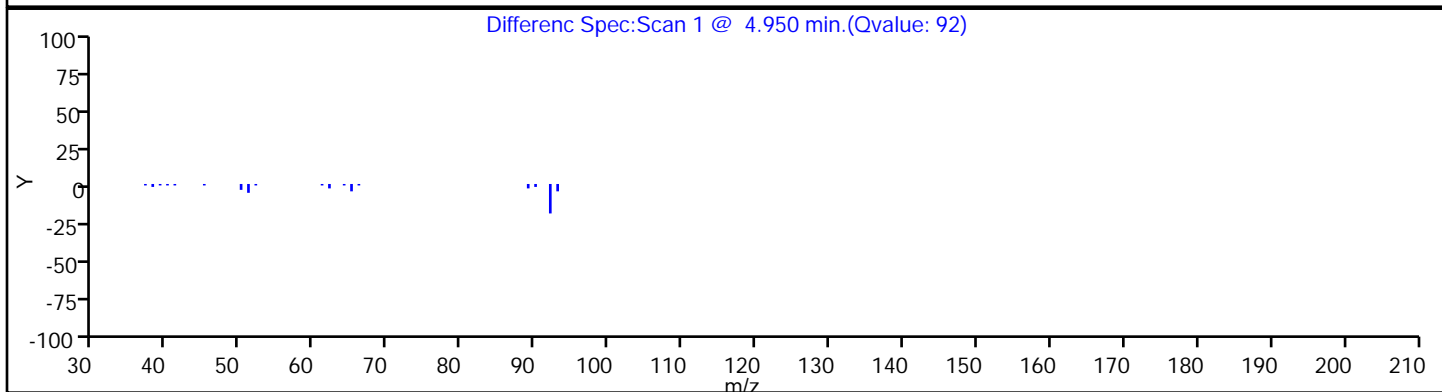
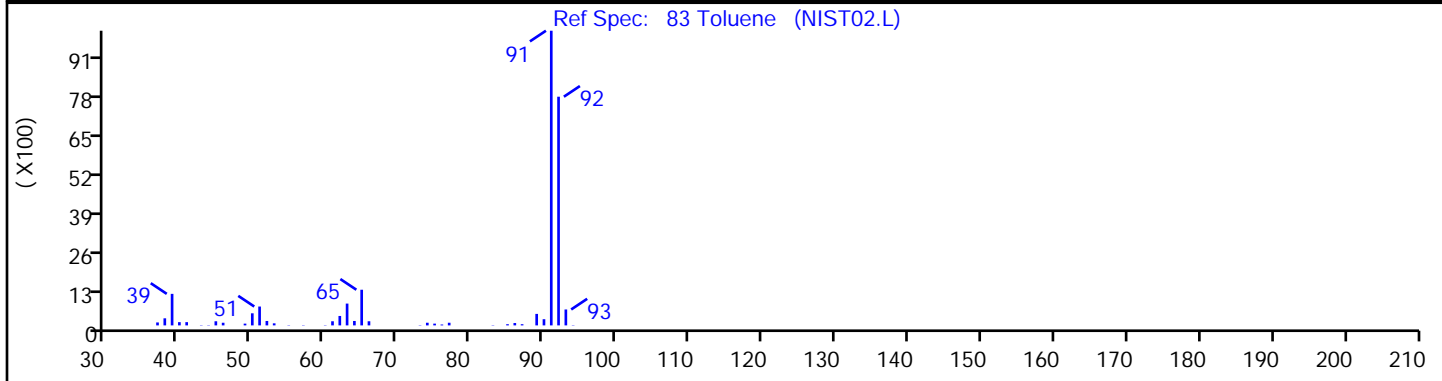
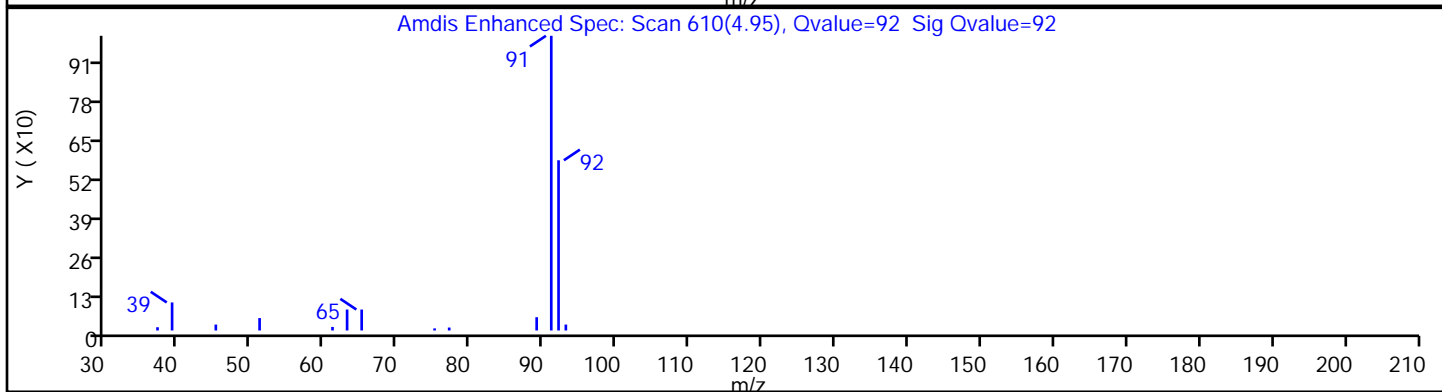
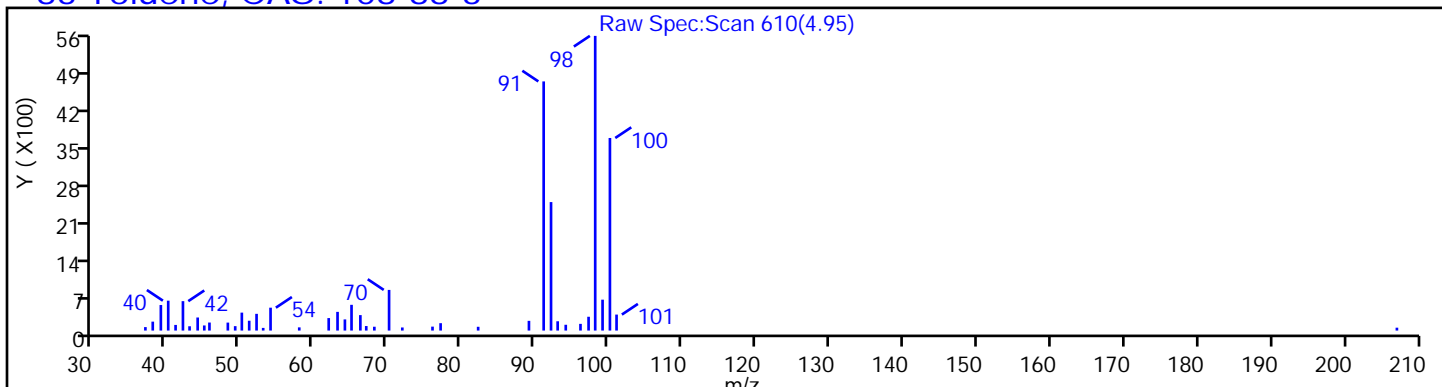
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22 Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

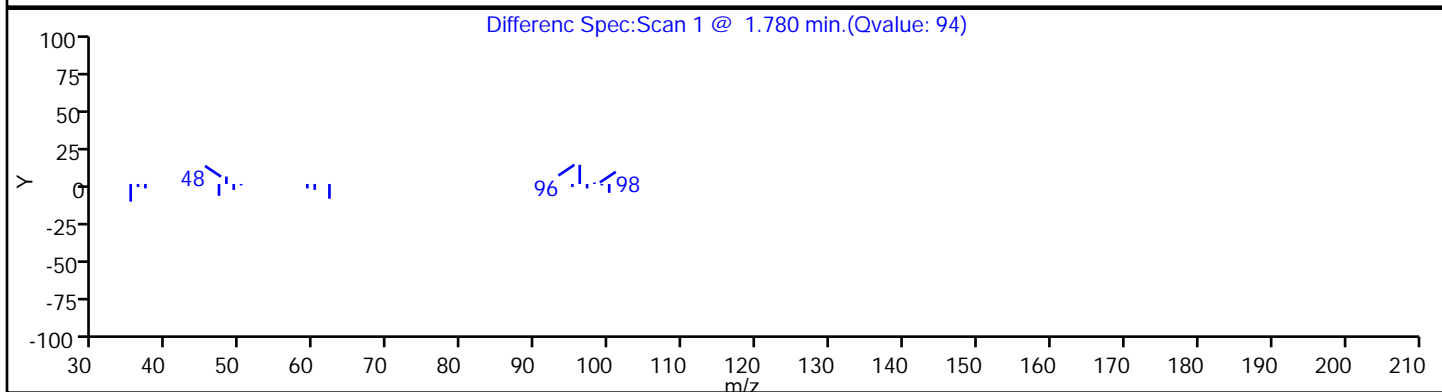
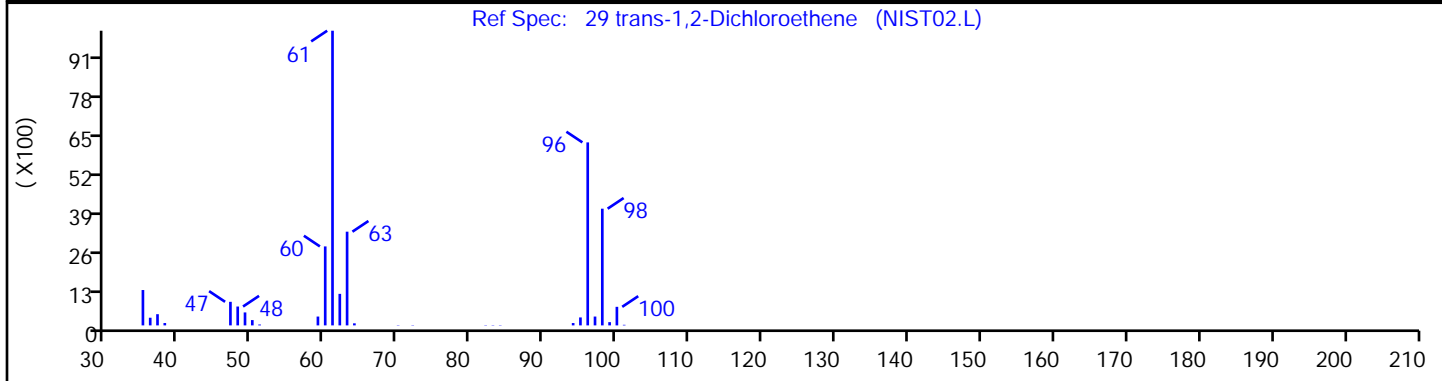
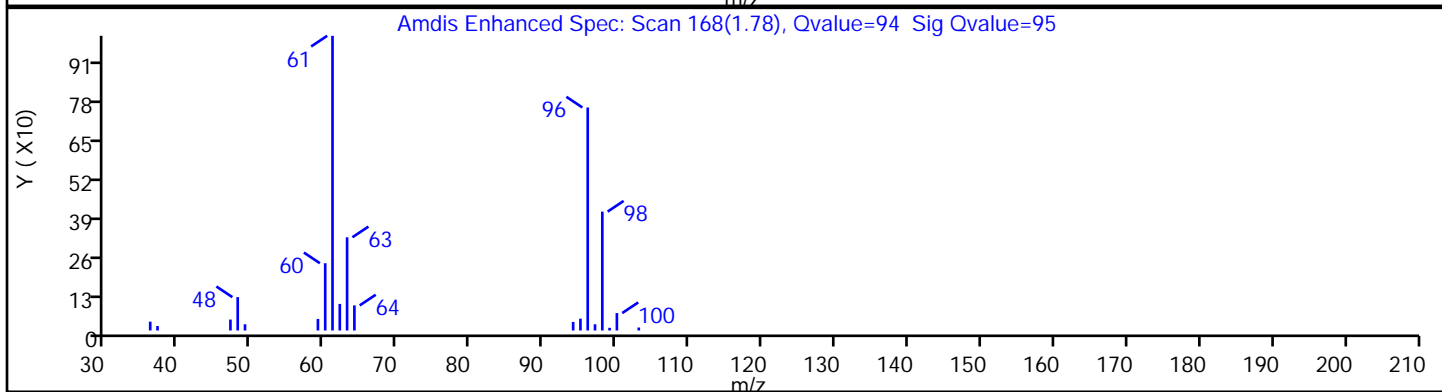
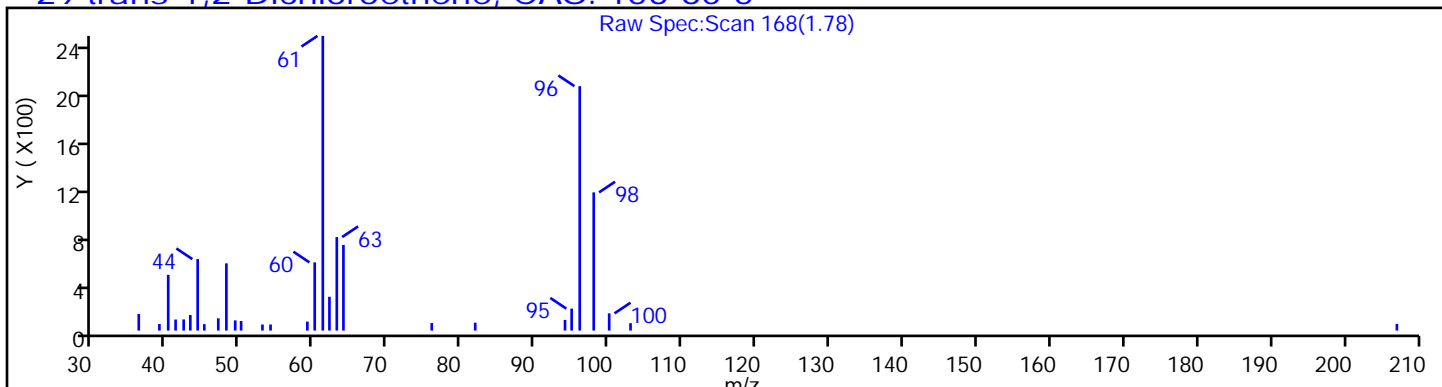
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

29 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

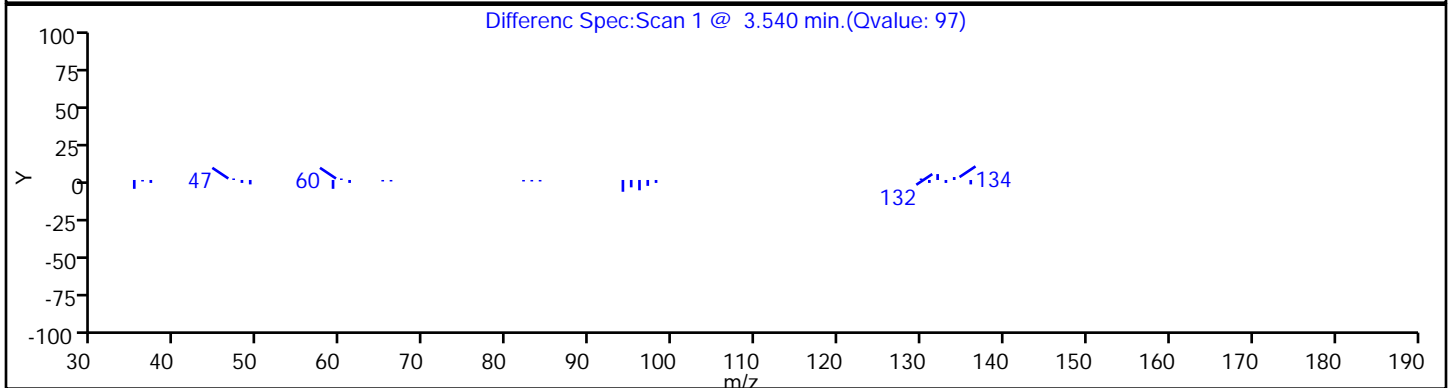
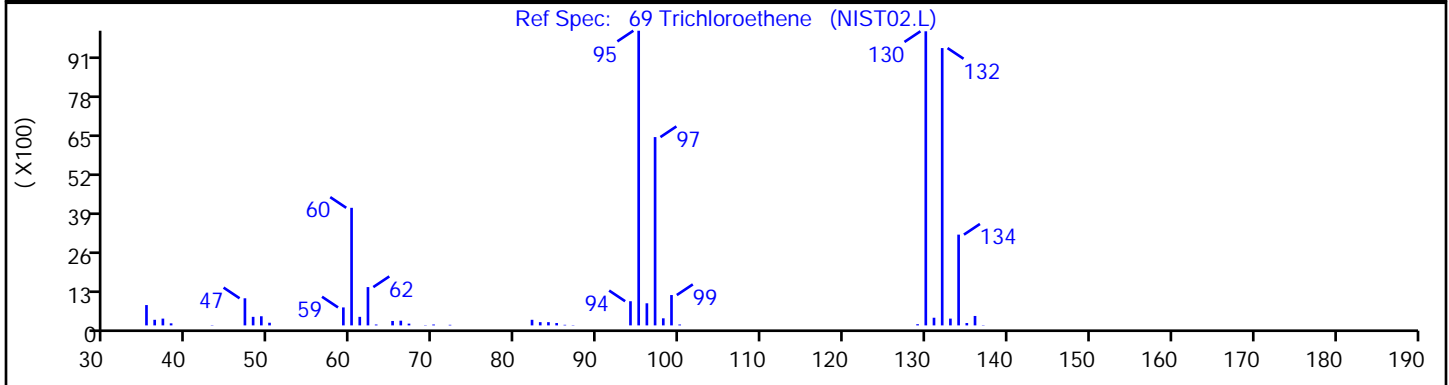
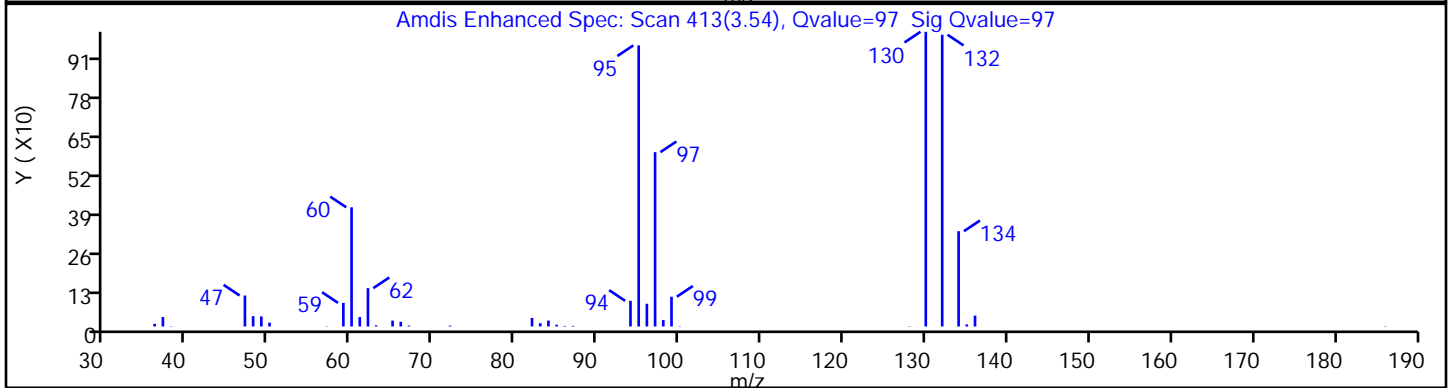
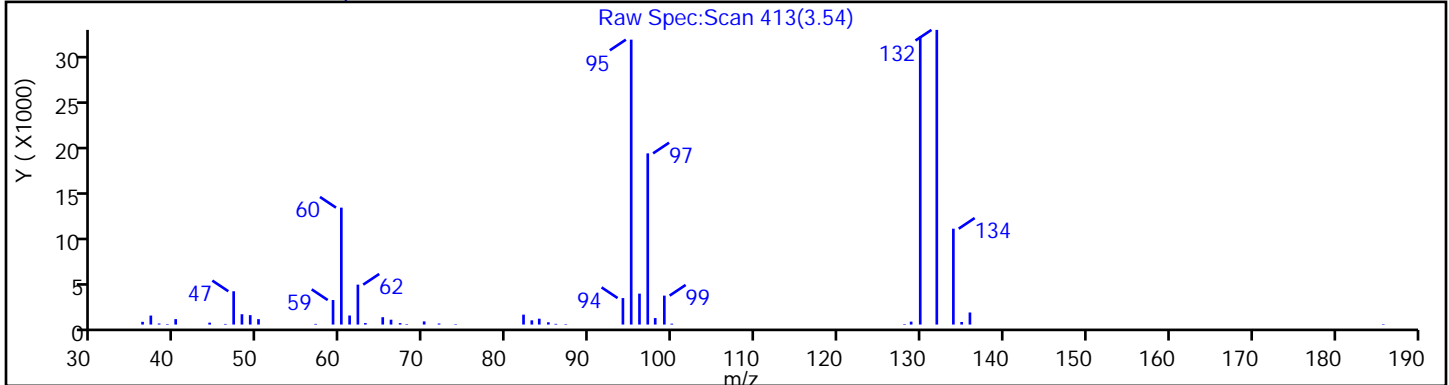
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

69 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

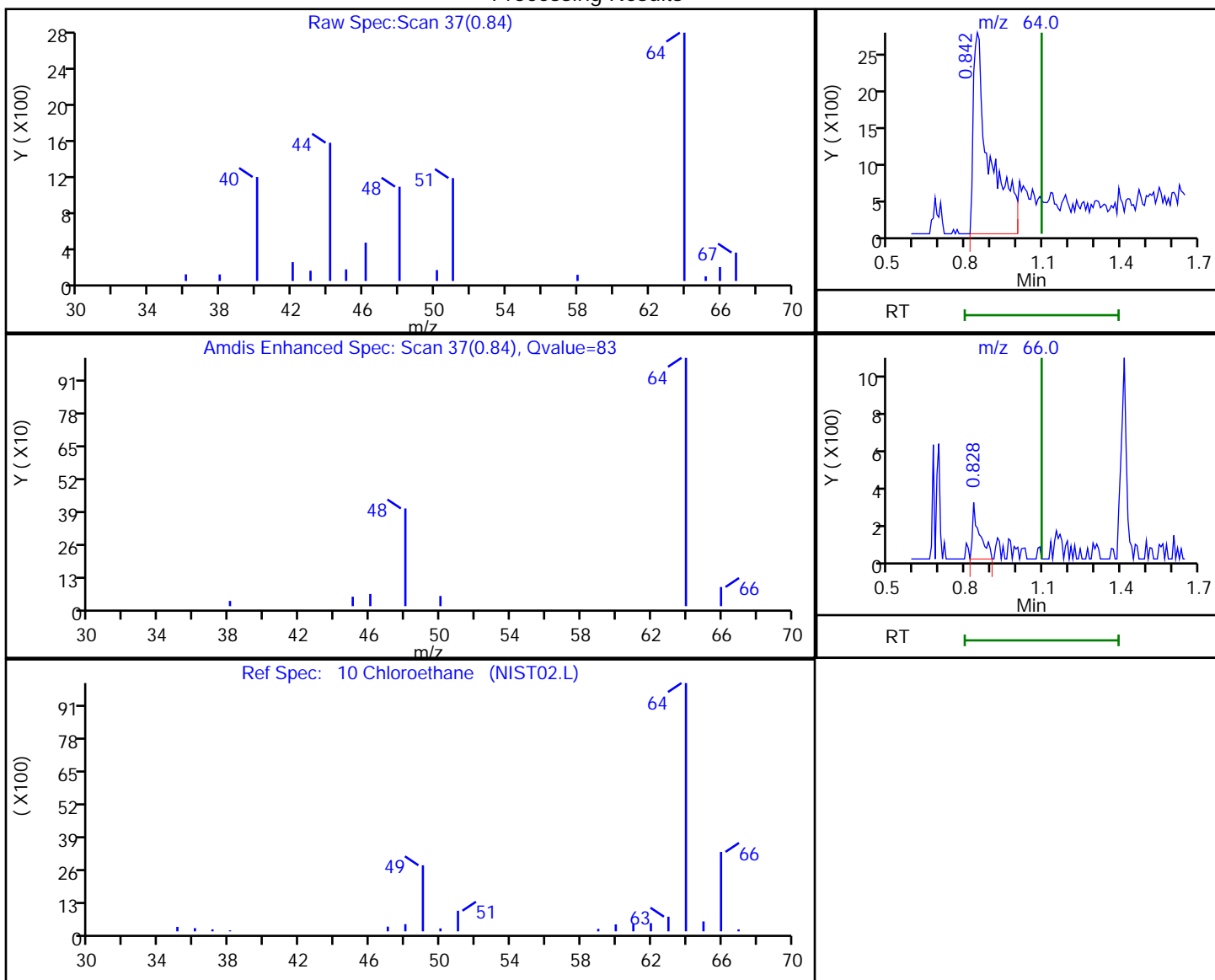
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.84	64.00	12415	3.754906
0.83	66.00	548	

Reviewer: xuyvo, 29-Aug-2020 13:02:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\P79046.D

Injection Date: 28-Aug-2020 16:51:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-2

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#:

22

Worklist Smp#: 23

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

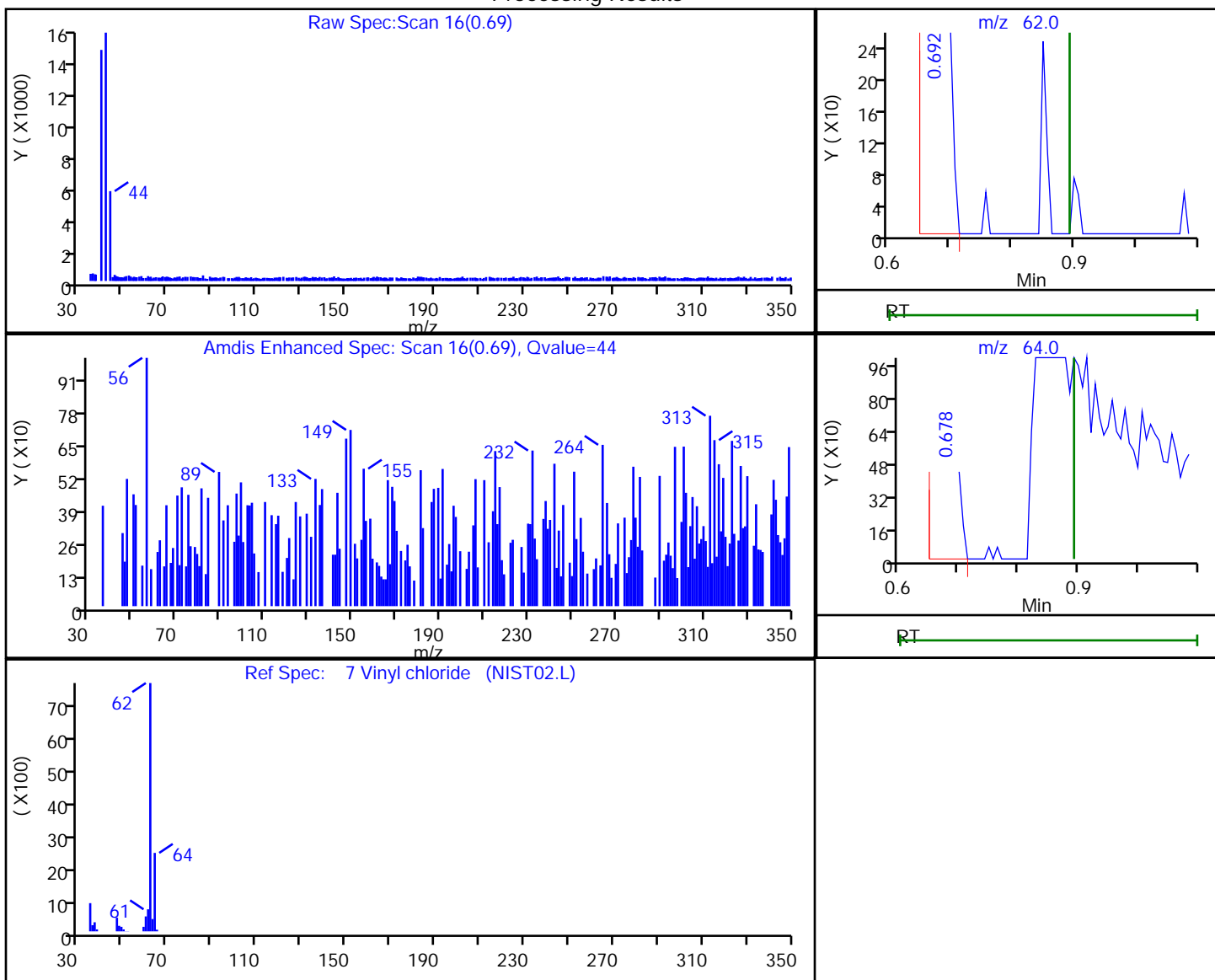
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.69	62.00	822	0.181419
0.68	64.00	856	

Reviewer: xuyvo, 29-Aug-2020 13:02:08

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.: 460-216706-1
 SDG No.: _____
 Client Sample ID: TB_20200821 Lab Sample ID: 460-216706-3
 Matrix: Water Lab File ID: P79041.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:56
 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.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	8.9		5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: TB_20200821 Lab Sample ID: 460-216706-3
 Matrix: Water Lab File ID: P79041.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:56
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: TB_20200821 Lab Sample ID: 460-216706-3
 Matrix: Water Lab File ID: P79041.D
 Analysis Method: 8260C Date Collected: 08/20/2020 15:55
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 14:56
 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.: 720234 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\CVOAMS13\20200828-115916.b\1P79041.D
 Lims ID: 460-216706-B-3
 Client ID: TB_20200821
 Sample Type: Client
 Inject. Date: 28-Aug-2020 14:56:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-216706-B-3
 Misc. Info.: 460-0115916-018
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 13:00:12 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg Date: 28-Aug-2020 18:54:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
28 Acetone	43	1.716	1.716	0.000	88	5632	8.87	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	132381	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	134702	47.6	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	178692	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.163	-0.007	0	133259	39.3	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	605689	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	17930	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	100	553074	52.3	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	436426	50.0	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	93	167887	48.1	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	243120	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79041.D

Injection Date: 28-Aug-2020 14:56:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: 460-216706-B-3

Lab Sample ID: 460-216706-3

Worklist Smp#: 18

Client ID: TB_20200821

Purge Vol: 5.000 mL

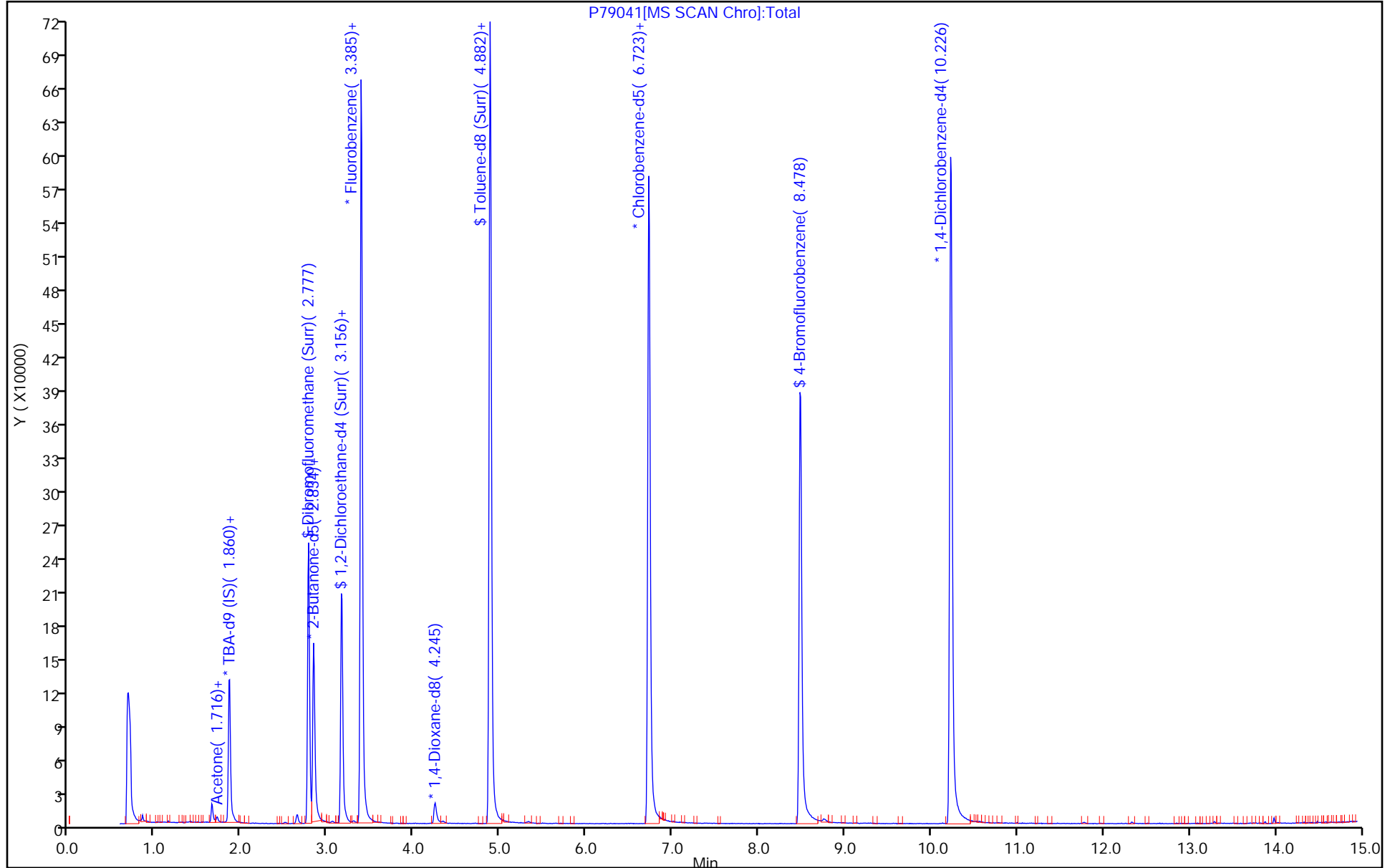
Dil. Factor: 1.0000

ALS Bottle#: 17

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79041.D

Injection Date: 28-Aug-2020 14:56:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-3

Lab Sample ID: 460-216706-3

Client ID: TB_20200821

Operator ID:

ALS Bottle#: 17 Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

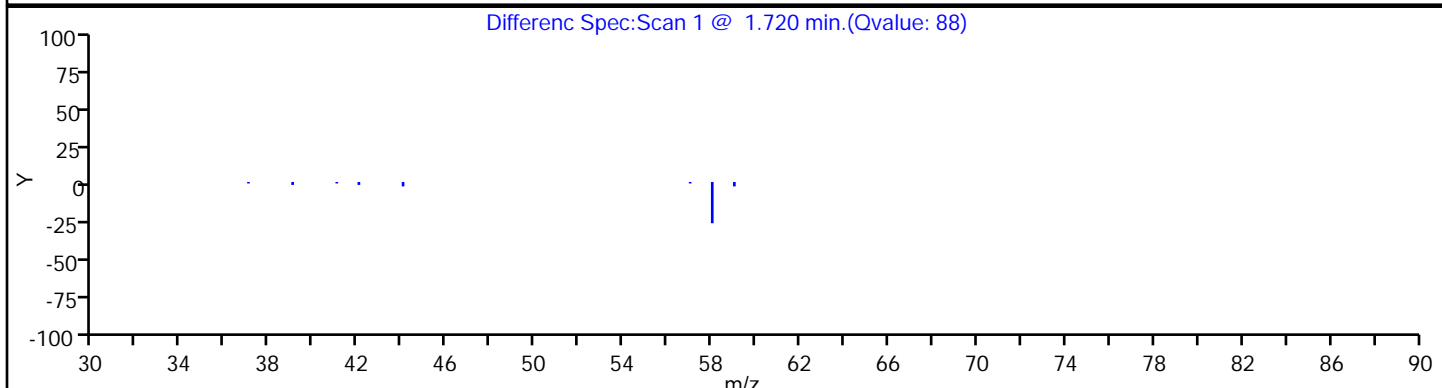
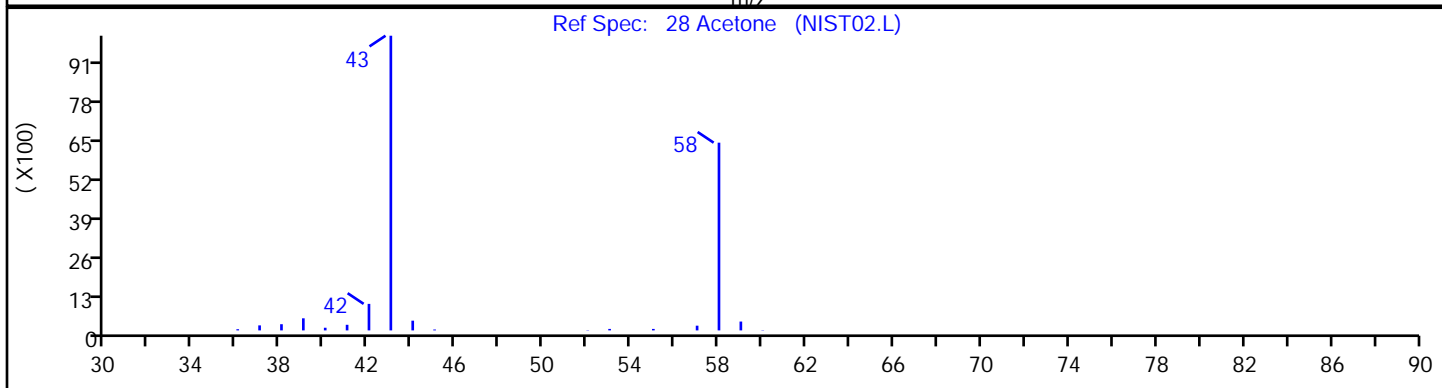
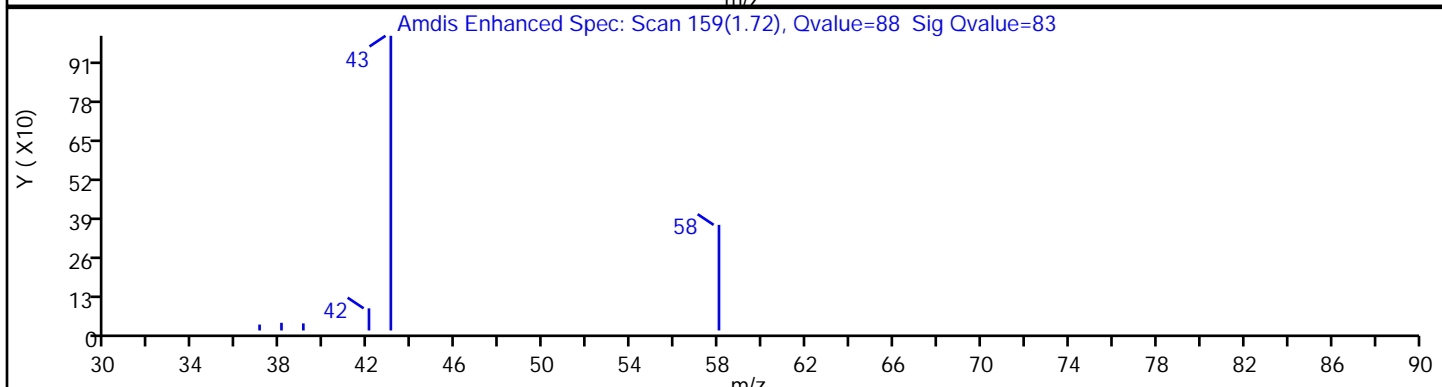
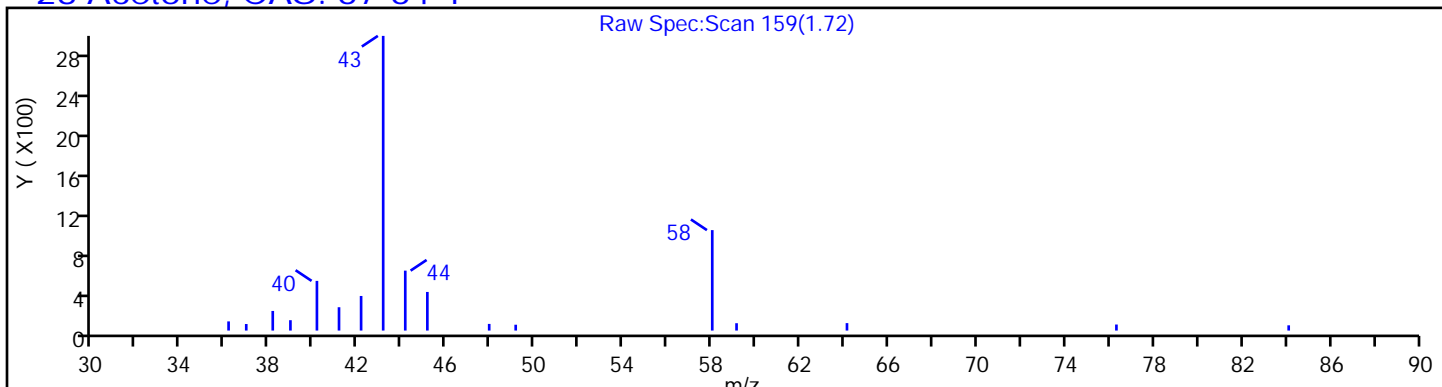
Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200828-115916.b\p79041.D

Injection Date: 28-Aug-2020 14:56:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-3

Lab Sample ID: 460-216706-3

Client ID: TB_20200821

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

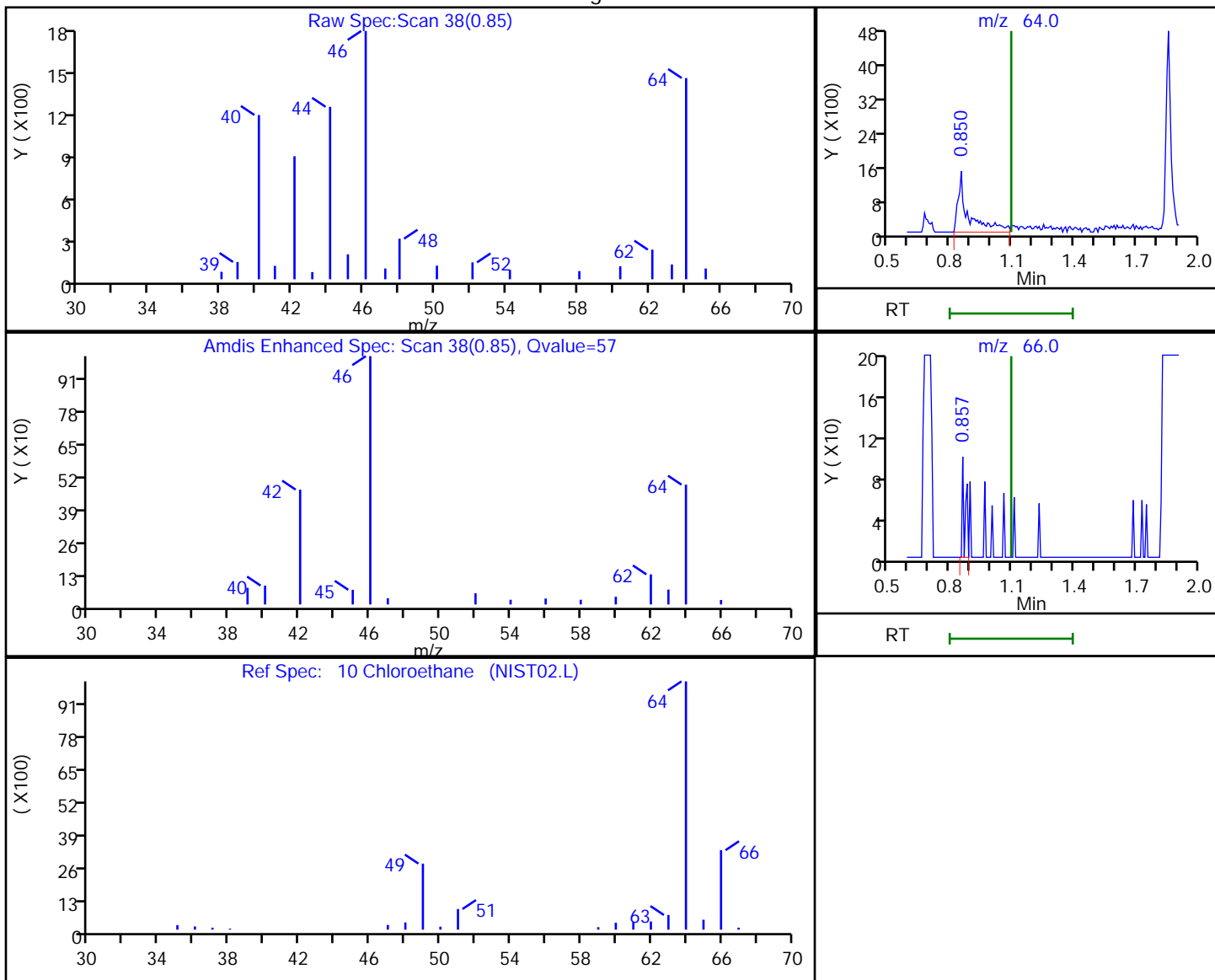
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.85	64.00	5087	1.513924
0.86	66.00	95	

Reviewer: xuyvo, 29-Aug-2020 12:59:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179041.D

Injection Date: 28-Aug-2020 14:56:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-3

Lab Sample ID: 460-216706-3

Client ID: TB_20200821

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

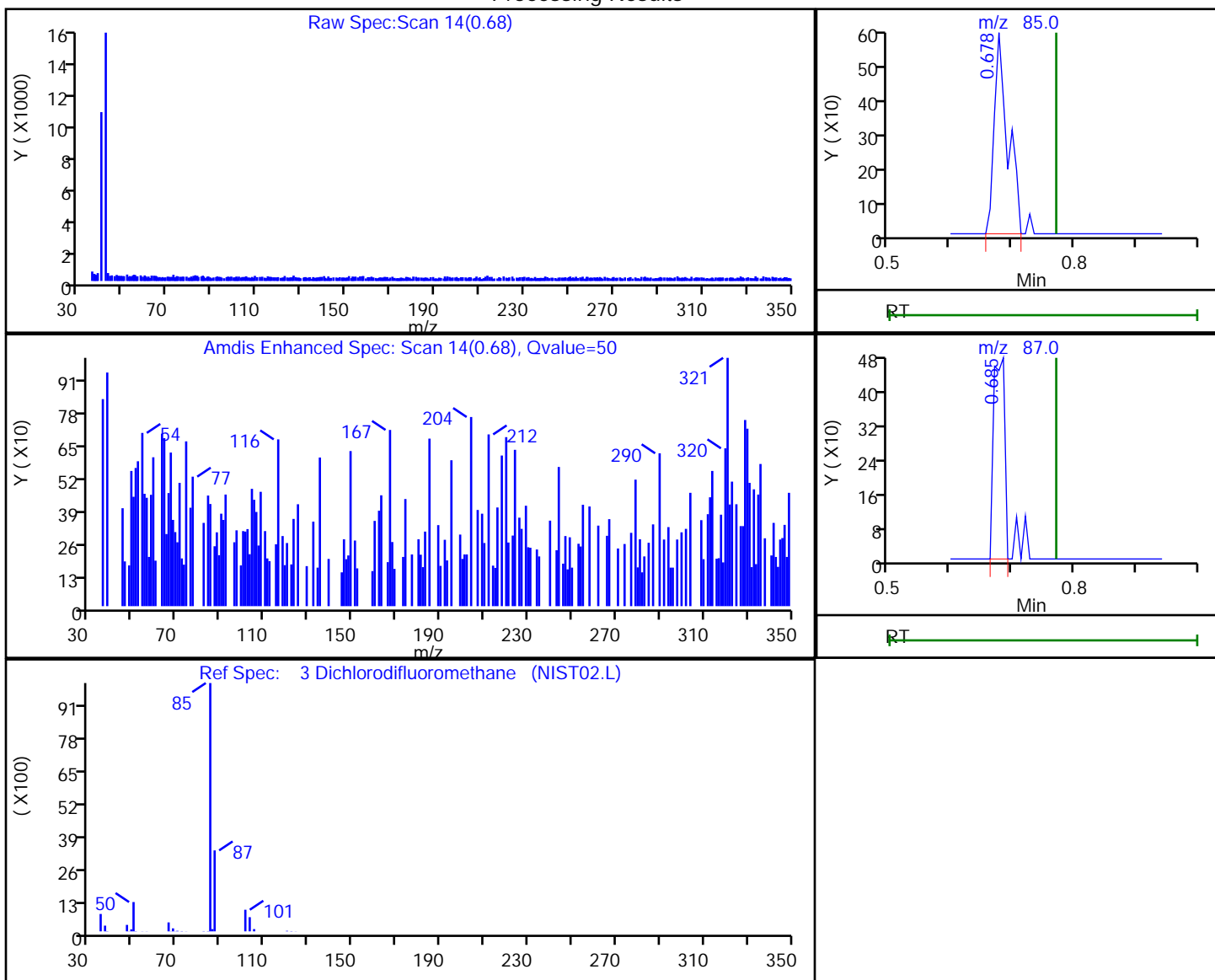
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.68	85.00	906	0.184994
0.68	87.00	591	

Reviewer: xuyvo, 29-Aug-2020 12:59:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179041.D

Injection Date: 28-Aug-2020 14:56:30

Instrument ID: CVOAMS13

Lims ID: 460-216706-B-3

Lab Sample ID: 460-216706-3

Client ID: TB_20200821

Operator ID:

ALS Bottle#:

17

Worklist Smp#: 18

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

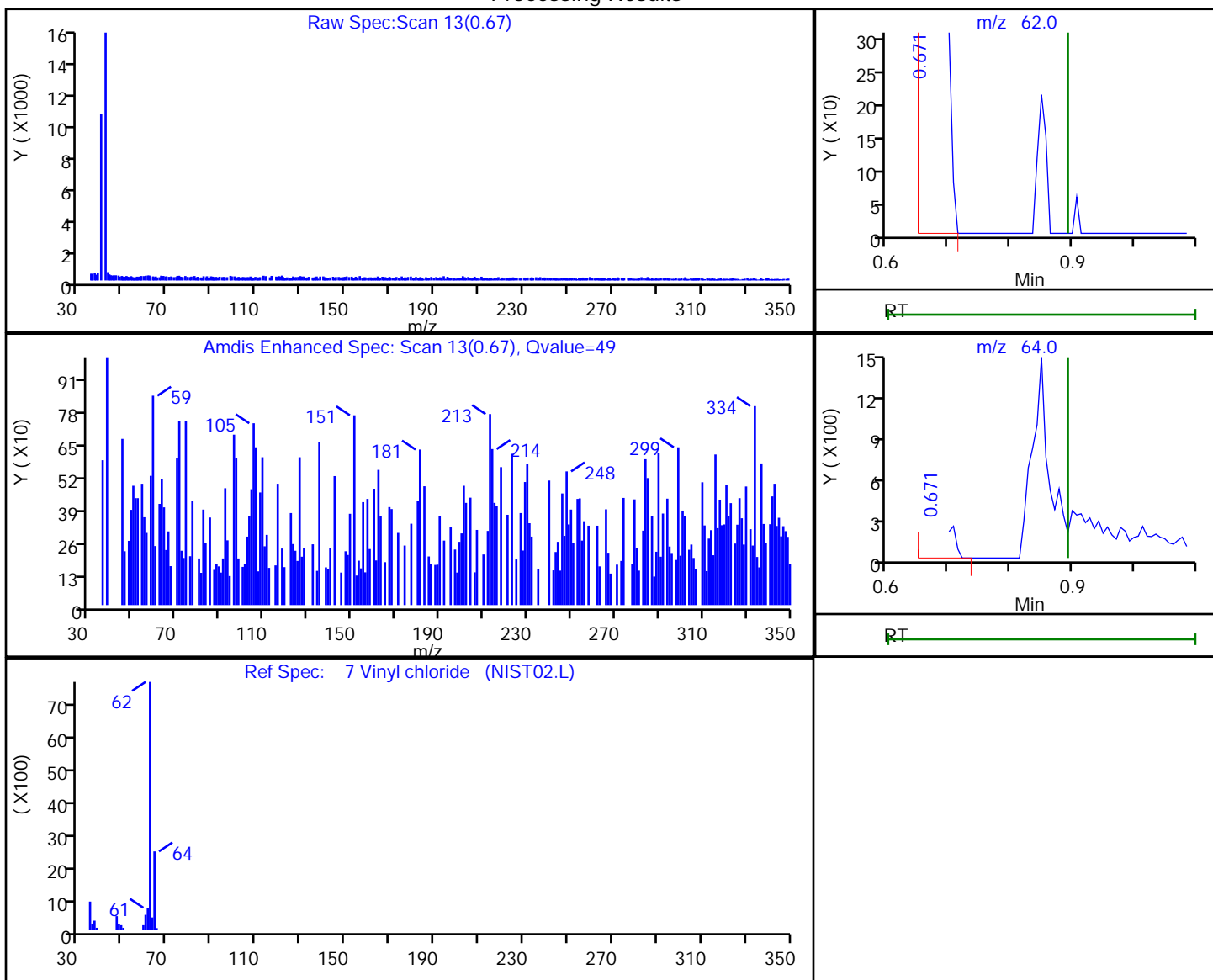
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.67	62.00	837	0.181772
0.67	64.00	814	

Reviewer: xuyvo, 29-Aug-2020 12:59:54

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.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.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															
Chlorotrifluoroethene	++++ 0.0783	0.0806 0.0823	0.0711	0.0766	0.0656	Ave		0.0757			8.3		20.0				
Monochloropentafluoroethane	++++ 0.0137	++++ 0.0134	0.0201	0.0200	0.0154	Ave		0.0165			19.9		20.0				
Dichlorodifluoromethane	++++ 0.3438	0.4659 0.3445	0.4694	0.4232	0.3790	Ave		0.4043		0.1000	14.1		20.0				
1,1-Difluoroethane	++++ 0.1333	0.1954 0.1278	0.1504	0.1433	0.1360	Ave		0.1477			16.7		20.0				
Chlorodifluoromethane	++++ 0.0508	0.0710 0.0492	0.0593	0.0546	0.0515	Ave		0.0560			14.5		20.0				
Vinyl chloride	++++ 0.3503	0.4346 0.3523	0.4035	0.3750	0.3649	Ave		0.3801		0.1000	8.7		20.0				
Butadiene	0.3275 0.3265	0.3582 0.3497	0.3440	0.3491	0.3284	Ave		0.3405			3.8		20.0				
Chloromethane	++++ 0.4714	0.5664 0.4795	0.5538	0.4864	0.4905	Ave		0.5080		0.1000	8.1		20.0				
Bromomethane	++++ 2.3085	2.6450 1.9305	1.6317	1.6086	1.7118	QuaF		2.4304	-0.000991	0.1000				0.9980		0.9900	
Chloroethane	++++ 0.2735	0.3276 0.1800	0.2697	0.3276	0.2860	Ave		0.2774		0.1000	19.5		20.0				
Pentane	++++ 3.1924	3.5738 1.9365	3.2509	3.2305	3.0721	Ave		3.0427			18.6		20.0				
Trichlorofluoromethane	++++ 0.4953	0.4617 0.4190	0.5063	0.5206	0.5145	Ave		0.4862		0.1000	8.0		20.0				
Dichlorofluoromethane	++++ 0.5878	0.6013 0.5215	0.6115	0.5937	0.6138	Ave		0.5883			5.8		20.0				
2-Methyl-1,3-butadiene	++++ 0.4994	0.4682 0.5364	0.4764	0.4895	0.5068	Ave		0.4961			4.9		20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Ethyl ether	++++ 0.2706	0.2523 0.2729	0.2710	0.2649	0.2670	Ave		0.2665			2.8		20.0				
1,1-Dichloroethene	++++ 0.2807	0.3213 0.2865	0.2719	0.2652	0.2717	Ave		0.2829		0.1000	7.2		20.0				
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.4432	0.4924 0.4316	0.3690	0.4336	0.4185	Ave		0.4314			9.2		20.0				
Ethanol	++++ 0.0809	0.1299 0.0806	0.0744	0.0656	0.0784	QuaF		0.0803	0					1.0000		0.9900	
Carbon disulfide	++++ 1.0400	1.2128 1.0634	1.0068	0.9772	0.9960	Ave		1.0494		0.1000	8.2		20.0				
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2807	0.2949 0.2881	0.2994	0.2824	0.2592	Ave		0.2841		0.1000	5.0		20.0				
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4471	0.5134 0.4592	0.4274	0.4258	0.4176	Ave		0.4484			7.9		20.0				
Iodomethane	++++ 0.3444	0.1201 0.3165	0.1189	0.1768	0.2361	QuaF		0.3417	-0.000049					0.9980		0.9900	
Cyclopentene	++++ 0.7720	0.8232 0.8310	0.7734	0.7668	0.7505	Ave		0.7861			4.2		20.0				
Acrolein	++++ 1.5079	1.4537 1.5097	1.4864	1.4127	1.4204	Ave		1.4651			2.9		20.0				
Allyl chloride	++++ 0.1808	0.1803 0.1722	0.1802	0.1699	0.1733	Ave		0.1761			2.8		20.0				
Isopropyl alcohol	++++ 0.7468	0.7867 0.7090	0.7695	0.7985	0.7598	Ave		0.7617			4.2		20.0				
Methylene Chloride	++++ 0.3309	0.3761 0.3202	0.3629	0.3405	0.3255	Ave		0.3427		0.1000	6.5		20.0				
Acetone	++++ 0.8286	1.1714 0.8730	0.8982	0.8009	0.7586	Ave		0.8884		0.0500	16.6		20.0				
trans-1,2-Dichloroethene	++++ 0.2985	0.3808 0.3051	0.3192	0.2932	0.2910	Ave		0.3146		0.1000	10.8		20.0				
Methyl acetate	++++ 8.1317	9.1681 5.3665	8.8197	8.5715	8.7217	Ave		8.1299		0.1000	17.2		20.0				
Hexane	++++ 0.0737	0.0667 0.0793	0.0781	0.0704	0.0676	Ave		0.0726			7.3		20.0				
Methyl tert-butyl ether	++++ 0.8297	0.7107 0.8155	0.7992	0.8030	0.7886	Ave		0.7911		0.1000	5.3		20.0				
2-Methyl-2-propanol	++++ 1.1181	1.8467 1.0919	1.2311	1.1334	1.1126	QuaF		1.1332	-0.000008					1.0000		0.9900	
Acetonitrile	++++ 1.5358	1.5712 1.4119	1.5633	1.4996	1.4650	Ave		1.5078			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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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															
Isopropyl ether	++++ 0.8807	0.7713 0.8943	0.8251	0.8315	0.8460	Ave		0.8415			5.2		20.0				
2-Chloro-1,3-butadiene	++++ 0.2383	0.2678 0.2470	0.2404	0.2282	0.2280	Ave		0.2416			6.1		20.0				
1,1-Dichloroethane	++++ 0.4813	0.5095 0.4930	0.4952	0.4878	0.4674	Ave		0.4890		0.2000	2.9		20.0				
Acrylonitrile	0.0858 0.0791	0.0707 0.0840	0.0795	0.0820	0.0780	Ave		0.0799			6.1		20.0				
Tert-butyl ethyl ether	++++ 0.8283	0.6614 0.9070	0.7219	0.7450	0.7666	Ave		0.7717			11.1		20.0				
Vinyl acetate	++++ 0.5154	0.4299 0.6144	0.4640	0.5056	0.4984	Ave		0.5046			12.4		20.0				
cis-1,2-Dichloroethene	++++ 0.2779	0.3292 0.2771	0.2979	0.2664	0.2763	Ave		0.2875		0.1000	8.0		20.0				
2,2-Dichloropropane	++++ 0.3425	0.3696 0.3453	0.3212	0.3346	0.3221	Ave		0.3392			5.3		20.0				
Cyclohexane	++++ 0.4319	0.4476 0.4582	0.4401	0.4310	0.4005	Ave		0.4349		0.1000	4.5		20.0				
Chlorobromomethane	++++ 0.1340	0.1489 0.0987	0.1407	0.1357	0.1304	Ave		0.1314			13.1		20.0				
Chloroform	++++ 0.4487	0.4911 0.4535	0.4921	0.4498	0.4402	Ave		0.4625		0.2000	4.9		20.0				
Carbon tetrachloride	++++ 0.2968	0.2870 0.3163	0.2777	0.2760	0.2786	Ave		0.2887		0.1000	5.4		20.0				
Ethyl acetate	++++ 0.3031	0.3451 0.3181	0.3060	0.2870	0.2901	Ave		0.3082			6.9		20.0				
Methyl acrylate	++++ 0.1923	0.1337 0.2032	0.1724	0.1806	0.1866	Ave		0.1781			13.6		20.0				
Tetrahydrofuran	++++ 1.0322	1.1791 1.0842	1.0240	0.9778	0.9959	Ave		1.0489			7.0		20.0				
1,1,1-Trichloroethane	++++ 0.3729	0.3742 0.3808	0.3783	0.3673	0.3620	Ave		0.3726		0.1000	1.9		20.0				
2-Butanone (MEK)	++++ 0.3410	0.3379 0.3451	0.3256	0.3112	0.3203	Ave		0.3302		0.0500	4.0		20.0				
1,1-Dichloropropene	++++ 0.3569	0.4411 0.3662	0.3807	0.3599	0.3560	Ave		0.3768			8.7		20.0				
2,2,4-Trimethylpentane	++++ 0.6389	0.6954 0.6356	0.6691	0.6306	0.5747	Ave		0.6407			6.4		20.0				
n-Heptane	++++ 0.1547	0.1862 0.1715	0.1596	0.1492	0.1416	Ave		0.1605			10.0		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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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															
Benzene	++++ 1.5021	1.5310 1.5164	1.5460	1.5207	1.5168	Ave		1.5222			0.5000	1.0	20.0				
Propionitrile	++++ 1.5803	1.7087 1.7648	1.5318	1.4984	1.4602	Ave		1.5907				7.6	20.0				
Methacrylonitrile	++++ 0.0980	0.0661 0.1099	0.0893	0.0911	0.0922	Ave		0.0911				15.7	20.0				
Tert-amyl methyl ether	++++ 0.7055	0.5349 0.7712	0.5981	0.6044	0.6511	Ave		0.6442				13.1	20.0				
1,2-Dichloroethane	++++ 0.3381	0.3855 0.3495	0.3459	0.3372	0.3289	Ave		0.3475			0.1000	5.7	20.0				
Isobutyl alcohol	++++ 0.4069	0.3577 0.4263	0.3251	0.3461	0.3687	Ave		0.3718				10.2	20.0				
Isopropyl acetate	++++ 0.4212	0.2979 0.4607	0.3751	0.3945	0.4194	Ave		0.3948				14.1	20.0				
Methylcyclohexane	++++ 0.4218	0.3868 0.4506	0.4168	0.3870	0.3842	Ave		0.4079			0.1000	6.5	20.0				
Trichloroethene	++++ 0.2726	0.2543 0.2784	0.2810	0.2560	0.2607	Ave		0.2672			0.2000	4.4	20.0				
Dibromomethane	++++ 0.1527	0.1463 0.1546	0.1532	0.1494	0.1486	Ave		0.1508				2.1	20.0				
n-Butanol	++++ 0.2618	0.0651 0.2762	0.1629	0.2010	0.2212	QuaF		0.2462	0.0000024					1.0000		0.9900	
1,2-Dichloropropane	++++ 0.2722	0.2444 0.2735	0.2644	0.2677	0.2653	Ave		0.2646			0.1000	4.0	20.0				
Dichlorobromomethane	++++ 0.3471	0.3103 0.3527	0.3232	0.3152	0.3283	Ave		0.3295			0.2000	5.2	20.0				
Ethyl acrylate	++++ 0.2768	0.1621 0.2956	0.1688	0.2256	0.2521	Qua2	-0.070	0.2237	0.0001642					0.9900		0.9900	
Methyl methacrylate	++++ 0.0581	0.0363 0.0605	0.0474	0.0513	0.0559	Ave		0.0516				17.2	20.0				
1,4-Dioxane	++++ 1.2345	1.4177 1.4036	1.4362	1.2425	1.2496	Ave		1.3307				7.3	20.0				
n-Propyl acetate	++++ 0.2915	0.1468 0.3014	0.2022	0.2519	0.2736	Qua2	-0.114	0.2546	0.0001091					0.9960		0.9900	
2-Chloroethyl vinyl ether	++++ 0.0432	++++ 0.0668	0.0115	0.0132	0.0212	Ave		0.0312				75.6	*	20.0			
cis-1,3-Dichloropropene	++++ 0.5821	0.4335 0.5821	0.4842	0.5167	0.5568	Ave		0.5259			0.2000	11.3	20.0				
Toluene	++++ 1.5525	1.6394 1.5548	1.5473	1.5002	1.5484	Ave		1.5571			0.4000	2.9	20.0				

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Epichlorohydrin	++++ 0.1753	0.0881 0.2012	0.0839	0.1144	0.1432	Ave		0.1344			35.4	*	20.0				
2-Nitropropane	++++ 0.0526	0.0445 0.0583	0.0362	0.0408	0.0468	Ave		0.0465			17.1		20.0				
Tetrachloroethene	++++ 0.3660	0.3810 0.3598	0.3558	0.3527	0.3666	Ave		0.3637		0.2000	2.8		20.0				
4-Methyl-2-pentanone (MIBK)	++++ 2.3990	1.6369 2.5580	1.9810	2.1517	2.3213	Ave		2.1746		0.0500	15.2		20.0				
trans-1,3-Dichloropropene	++++ 0.5357	0.3231 0.5557	0.4154	0.4607	0.5023	Ave		0.4655		0.1000	18.5		20.0				
1,1,2-Trichloroethane	++++ 0.2546	0.2184 0.2508	0.2577	0.2462	0.2546	Ave		0.2471		0.1000	5.9		20.0				
Ethyl methacrylate	++++ 0.2787	0.1181 0.2848	0.2158	0.2553	0.2620	Qua2	-0.143	0.2582	0.0000616					0.9990		0.9900	
Chlorodibromomethane	++++ 0.3369	0.2149 0.3345	0.2832	0.2989	0.3213	Ave		0.2983		0.1000	15.4		20.0				
1,3-Dichloropropene	++++ 0.5279	0.4455 0.5084	0.4921	0.5200	0.5349	Ave		0.5048			6.5		20.0				
Ethylene Dibromide	++++ 0.3017	0.1813 0.2941	0.2594	0.2883	0.3056	Ave		0.2717		0.1000	17.4		20.0				
n-Butyl acetate	++++ 0.4298	0.2144 0.4288	0.3400	0.3813	0.3966	Qua2	-0.181	0.3918	0.0000914					0.9990		0.9900	
2-Hexanone	++++ 1.6638	0.8616 1.7307	1.3450	1.5080	1.5939	QuaF		1.6111	0.0000479	0.0500				1.0000		0.9900	
Chlorobenzene	++++ 0.9592	1.0723 0.9642	0.9725	0.9452	0.9423	Ave		0.9760		0.5000	5.0		20.0				
Ethylbenzene	++++ 0.5378	0.5375 0.5697	0.5427	0.5246	0.5292	Ave		0.5403		0.1000	2.9		20.0				
1,1,1,2-Tetrachloroethane	++++ 0.3388	0.2404 0.3497	0.2844	0.2883	0.3203	Ave		0.3037			13.4		20.0				
m-Xylene & p-Xylene	++++ 0.6548	0.6618 0.6499	0.6328	0.6267	0.6640	Ave		0.6483		0.1000	2.4		20.0				
o-Xylene	++++ 0.6329	0.5316 0.6313	0.5831	0.6158	0.6285	Ave		0.6039		0.3000	6.6		20.0				
Bromoform	++++ 0.2091	0.1209 0.2172	0.1387	0.1589	0.1833	Qua2	-0.050	0.1667	0.0001179	0.1000				0.9940		0.9900	
Styrene	++++ 1.0866	0.7336 1.0868	0.9385	0.9986	1.0614	Ave		0.9843		0.3000	13.8		20.0				
n-Butyl acrylate	++++ 0.2349	0.0641 0.2396	0.1536	0.2015	0.2162	Qua2	-0.146	0.2054	0.0000816					0.9960		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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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															
Isopropylbenzene	++++ 1.6684	1.5635 1.6740	1.5815	1.6362	1.6572	Ave		1.6301			0.1000	2.9	20.0				
Amyl acetate (mixed isomers)	++++ 0.9602	0.4350 1.0355	0.7440	0.8649	0.9294	Qua2	-0.459	0.8841	0.0003223					0.9990			0.9900
Bromobenzene	++++ 0.7525	0.7886 0.7735	0.7761	0.7530	0.7473	Ave		0.7652				2.2	20.0				
N-Propylbenzene	++++ 3.6244	3.3356 3.7118	3.6355	3.5410	3.6077	Ave		3.5760				3.6	20.0				
1,1,2,2-Tetrachloroethane	++++ 0.6452	0.5179 0.7223	0.6271	0.6150	0.6219	Ave		0.6249			0.3000	10.5	20.0				
2-Chlorotoluene	++++ 2.4987	2.4585 2.6851	2.4936	2.4002	2.4664	Ave		2.5004				3.9	20.0				
4-Ethyltoluene	++++ 3.0549	2.7439 3.1910	2.9472	2.9265	3.0087	Ave		2.9787				5.0	20.0				
1,2,3-Trichloropropane	++++ 0.1786	0.1505 0.1869	0.1805	0.1792	0.1795	Ave		0.1758				7.3	20.0				
1,3,5-Trimethylbenzene	++++ 2.5339	2.4734 2.6256	2.3898	2.3965	2.4732	Ave		2.4821				3.6	20.0				
trans-1,4-Dichloro-2-butene	++++ 0.1840	0.0425 0.2079	0.0787	0.1252	0.1556	QuaF		0.1647	0.0000866					1.0000			0.9900
4-Chlorotoluene	++++ 2.2925	2.1647 2.3640	2.1088	2.1993	2.2510	Ave		2.2300				4.1	20.0				
tert-Butylbenzene	++++ 2.0694	2.0267 2.1159	2.0217	2.0349	2.0764	Ave		2.0575				1.8	20.0				
1,2,4-Trimethylbenzene	++++ 2.7192	2.2058 2.8204	2.3809	2.4455	2.5431	Ave		2.5191				8.9	20.0				
Butyl Methacrylate	++++ 0.9314	0.3774 1.0211	0.5608	0.6982	0.7769	Qua2	-0.355	0.7147	0.0006840					0.9950			0.9900
sec-Butylbenzene	++++ 3.2672	3.3156 3.2644	3.1214	3.1172	3.1629	Ave		3.2081				2.6	20.0				
1,3-Dichlorobenzene	++++ 1.4768	1.4242 1.5076	1.4156	1.4121	1.4693	Ave		1.4509			0.6000	2.7	20.0				
4-Isopropyltoluene	++++ 2.7671	2.4024 2.8308	2.4729	2.5781	2.6805	Ave		2.6219				6.4	20.0				
1,4-Dichlorobenzene	++++ 1.5045	1.9029 1.5088	1.5918	1.5098	1.5123	Ave		1.5884			0.5000	9.9	20.0				
1,2,3-Trimethylbenzene	++++ 2.7807	2.4269 2.8515	2.5560	2.5758	2.6689	Ave		2.6433				5.9	20.0				
Indan	++++ 2.7279	2.4947 2.7049	2.5871	2.5957	2.6647	Ave		2.6292				3.3	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.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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															
Benzyl chloride	++++ 0.2413	0.0721 0.2745	0.1326	0.1634	0.1927	Qua2	-0.105	0.1728	0.0002244					0.9940		0.9900	
p-Diethylbenzene	++++ 1.4549	1.1970 1.4682	1.2439	1.2869	1.3670	Ave		1.3363			8.4		20.0				
n-Butylbenzene	++++ 2.6661	2.3374 2.6443	2.4440	2.3720	2.5055	Ave		2.4949			5.5		20.0				
1,2-Dichlorobenzene	++++ 1.4859	1.4954 1.4627	1.4235	1.4117	1.4539	Ave		1.4555		0.4000	2.3		20.0				
1,2,4,5-Tetramethylbenzene	++++ 2.6306	2.2085 2.6292	2.2092	2.4316	2.5375	Ave		2.4411			8.0		20.0				
1,2-Dibromo-3-Chloropropane	++++ 0.1270	0.0840 0.1303	0.1045	0.1214	0.1243	Ave		0.1152		0.0500	15.4		20.0				
1,3,5-Trichlorobenzene	++++ 1.1095	1.2363 1.0881	1.0493	1.0809	1.1122	Ave		1.1127			5.8		20.0				
1,2,4-Trichlorobenzene	++++ 0.9825	0.9180 0.9722	0.9754	0.9745	1.0035	Ave		0.9710		0.2000	2.9		20.0				
Hexachlorobutadiene	++++ 0.3471	0.4100 0.3281	0.3741	0.3510	0.3552	Ave		0.3609			7.8		20.0				
Naphthalene	++++ 2.0842	1.5419 2.0919	1.8317	2.0980	2.1140	Ave		1.9603			11.8		20.0				
1,2,3-Trichlorobenzene	++++ 0.8768	0.9991 0.8567	0.9493	0.9007	0.8882	Ave		0.9118			5.8		20.0				
Dibromofluoromethane (Surr)	0.2482 0.2289	0.2354 0.2308	0.2373	0.2313	0.2240	Ave		0.2337			3.3		20.0				
1,2-Dichloroethane-d4 (Surr)	0.2869 0.2818	0.2623 0.3122	0.2770	0.2792	0.2624	Ave		0.2803			6.0		20.0				
Toluene-d8 (Surr)	1.2077 1.2300	1.2171 1.1591	1.2248	1.2156	1.2324	Ave		1.2124			2.1		20.0				
4-Bromofluorobenzene	0.3783 0.4066	0.3877 0.3919	0.4126	0.4122	0.4108	Ave		0.4000			3.5		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.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-706917/3	P76752.D
Level 2	STD1 460-706917/17	P76766.D
Level 3	STD5 460-706917/5	P76754.D
Level 4	STD20 460-706917/6	P76755.D
Level 5	STD50 460-706917/7	P76756.D
Level 6	STD200 460-706917/8	P76757.D
Level 7	STD500 460-706917/9	P76758.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	++++ 210958	929 633950	4087	18254	41703	++++ 200	1.00 500	5.00	20.0	50.0
Monochloropentafluoroethane	FB	Ave	++++ 36921	++++ 103425	1153	4759	9778	++++ 200	++++ 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	++++ 926541	5371 2654914	26993	100863	240897	++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	++++ 359256	2252 985181	8651	34157	86439	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	++++ 136972	818 378913	3409	13012	32721	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	++++ 944080	5010 2715278	23206	89392	231960	++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	884 880003	4129 2694930	19782	83207	208727	0.250 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	++++ 1270504	6529 3695587	31846	115930	311761	++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	QuaF	++++ 510330	2131 1232710	7879	32803	89207	++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	++++ 737107	3776 1387146	15511	78077	181764	++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	++++ 336798	1362 617563	7519	31155	76767	++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	++++ 1334838	5322 3229431	29115	124084	327025	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	++++ 1584197	6932 4019458	35162	141519	390146	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	++++ 1346019	5397 4133773	27398	116683	322121	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	++++ 729232	2909 2102952	15584	63153	169703	++++ 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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	++++ 756586	3704 2207777	15638	63216	172686	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 1194476	5676 3326387	21221	103350	265989	++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd 9	QuaF	++++ 170592	990 513937	3440	12644	39163	++++ 8000	40.0 20000	200	800	2000
Carbon disulfide	FB	Ave	++++ 2803044	13981 8195378	57897	232917	633042	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 756495	3400 2220108	17220	67314	164736	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 1205033	5919 3538923	24580	101505	265441	++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	QuaF	++++ 928245	1384 2438951	6839	42142	150049	++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	++++ 2080605	9490 6404280	44474	182766	477023	++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd 9	Ave	++++ 79542	1108 192588	6876	13624	35494	++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	++++ 487404	2079 1326902	10360	40489	110168	++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd 9	Ave	++++ 393953	1499 1130584	8899	38505	94937	++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	++++ 891892	4336 2467497	20870	81158	206890	++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	++++ 915863	4719 2787295	21685	81656	197662	++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	++++ 804605	4390 2351596	18353	69882	184981	++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd 9	Ave	++++ 857882	3494 1711415	20399	82664	217944	++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	++++ 198616	769 611512	4489	16785	42991	++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	++++ 2236030	8193 6285219	45957	191395	501216	++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd 9	QuaF	++++ 589791	3519 1741147	14237	54651	139016	++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd 9	Ave	++++ 810110	2994 2251404	18079	72311	183048	++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	++++ 2373654	8891 6892582	47446	198190	537744	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 642115	3087 1903790	13826	54384	144909	++++ 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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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	++++ 1297156	5874 3799536	28478	116262	297078	++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1852 2130580	8156 6470044	45697	195368	495928	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	++++ 2232497	7625 6989930	41514	177567	487287	++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	++++ 2778013	9911 9469553	53370	241008	633567	++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	++++ 749020	3795 2135653	17131	63489	175607	++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	++++ 923033	4261 2660899	18469	79755	204731	++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	++++ 1163988	5160 3531140	25309	102728	254593	++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	++++ 361079	1717 760884	8092	32336	82889	++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	++++ 1209229	5661 3495185	28296	107212	279795	++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	++++ 799899	3308 2437560	15969	65776	177079	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	++++ 133991	556 406223	2955	11704	30231	++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	++++ 518354	1541 1565903	9914	43059	118600	++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	++++ 456372	1900 1384528	9889	39877	103799	++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	++++ 1005073	4314 2934830	21756	87559	230098	++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	++++ 376866	1361 1101763	7861	31732	83469	++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	++++ 961863	5085 2822171	21892	85782	226309	++++ 200	1.00 500	5.00	20.0	50.0
2,2,4-Trimethylpentane	FB	Ave	++++ 1721821	8016 4898819	38477	150312	365296	++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	++++ 416923	2146 1321710	9179	35561	90003	++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	++++ 2907166	12345 8554209	62674	256703	675339	++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	++++ 833620	3256 2814076	17715	72252	182440	++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	++++ 2641849	7625 8471211	51325	217139	585995	++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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	++++ 1901391	6166 5943408	34393	144066	413821	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	++++ 911148	4444 2693895	19894	80376	209063	++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd 9	Ave	++++ 536648	1704 1699495	9400	41718	115174	++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	++++ 1135087	3434 3550476	21568	94028	266567	++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	++++ 1136795	4459 3472986	23968	92234	244206	++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	++++ 734821	2932 2145799	16159	61023	165675	++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	++++ 411556	1686 1191809	8809	35611	94428	++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd 9	QuaF	++++ 345195	310 1101198	4709	24225	69085	++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	++++ 733515	2817 2107720	15206	63808	168644	++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	++++ 935502	3577 2718285	18588	75130	208685	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	++++ 746067	1869 2278436	9706	53765	160249	++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	++++ 312979	836 932802	5452	24463	71093	++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	++++ 128381	1410 373673	3164	11722	29996	++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Qua2	++++ 785712	1692 2322572	11629	60031	173895	++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 116735	++++ 515973	665	3150	13488	++++ 200	++++ 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 1126673	3495 3283927	19628	87216	247910	++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	++++ 3004811	13219 8771046	62726	253243	689416	++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	++++ 775187	1420 2569334	8106	46672	149274	++++ 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	++++ 283645	1025 898689	4169	19466	59466	++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZ d5	Ave	++++ 708370	3072 2029624	14425	59540	163236	++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 2651666	6594 8166806	47828	219384	604856	++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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	++++ 1036825	2605 3134655	16839	77775	223621	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 492730	1761 1414917	10448	41567	113366	++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Qua2	++++ 751130	1361 2195144	12409	60848	166545	++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 652001	1733 1887216	11482	50459	143046	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 1021792	3592 2868130	19948	87777	238154	++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 583888	1462 1658821	10516	48667	136045	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Qua2	++++ 831753	1729 2418753	13783	64369	176576	++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	QuaF	++++ 1839092	3471 5525557	32473	153754	415314	++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	++++ 1856451	8646 5439462	39424	159559	419539	++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	++++ 1040894	4334 3213969	22001	88554	235614	++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 655793	1938 1972829	11528	48669	142631	++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 1267399	5336 3666152	25653	105785	295638	++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	++++ 1224952	4286 3561229	23640	103945	279851	++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Qua2	++++ 404601	975 1225478	5622	26830	81630	++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	++++ 2102932	5915 6130837	38048	168569	472593	++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	++++ 454680	517 1351344	6225	34008	96252	++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	++++ 3228998	12607 9443384	64113	276192	737860	++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	++++ 1067680	1936 3208338	16400	82415	233594	++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	++++ 836738	3510 2396410	17109	71752	187832	++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	++++ 4030225	14847 11499943	80141	337429	906751	++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 717403	2305 2237847	13825	58604	156301	++++ 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.: 460-216706-1

Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13

GC Column: Rtx-624

ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40

Calibration End Date: 07/09/2020 12:29

Calibration ID: 80959

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-Chlorotoluene	DCBd 4	Ave	++++ 2778464	10943 8319166	54970	228717	619899	++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	++++ 3396942	12213 9886501	64970	278872	756188	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 198565	670 579031	3978	17072	45104	++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 2817651	11009 8134740	52681	228368	621596	++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	QuaF	++++ 204631	189 644017	1735	11927	39108	++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	++++ 2549234	9635 7324306	46486	209577	565747	++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	++++ 2301077	9021 6555446	44568	193910	521875	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 3023621	9818 8738279	52486	233031	639182	++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	++++ 1035669	1680 3163616	12363	66529	195255	++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	++++ 3633016	14758 10113977	68809	297039	794959	++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 1642154	6339 4671068	31206	134558	369280	++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 3076905	10693 8770578	54513	245666	673695	++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 1673004	8470 4674539	35091	143873	380084	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 3092023	10802 8834776	56346	245455	670779	++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	++++ 3033315	11104 8380343	57031	247343	669740	++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Qua2	++++ 268300	321 850576	2923	15569	48424	++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	++++ 1617831	5328 4548722	27421	122626	343584	++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	++++ 2964654	10404 8192713	53877	226033	629710	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 1652273	6656 4531871	31381	134524	365424	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 2925186	9830 8145875	48700	231706	637766	++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 141172	374 403654	2304	11564	31232	++++ 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.: 460-216706-1 Analy Batch No.: 706917

SDG No.: _____

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/09/2020 04:40 Calibration End Date: 07/09/2020 12:29 Calibration ID: 80959

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	++++ 1233706	5503 3371079	23131	102998	279540	++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 1092552	4086 3012061	21503	92866	252221	++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 385966	1825 1016581	8247	33445	89286	++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	++++ 2317587	6863 6481265	40378	199924	531313	++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 974994	4447 2654121	20926	85825	223239	++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	134026 154205	135665 177838	136439	137859	142358	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	154902 189891	151167 240617	159309	166387	166791	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	486379 595123	490691 653868	496544	513010	548701	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	152331 196751	156314 221083	167254	173964	182918	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

<p>Ave = Average ISTD Qua2 = Quadratic 1/conc^2 ISTD QuaF = Quadratic ISTD forced zero</p>
--

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 09-Jul-2020 04:40:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD7
 Misc. Info.: 460-0112940-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:42:59 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: baronm

Date: 09-Jul-2020 10:07:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.900	0.900	0.000	83	884	0.2500	0.2405	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	215513	1000.0	1000.0	
39 Acrylonitrile	53	2.175	2.168	0.007	96	1852	2.00	2.15	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	134026	50.0	53.1	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	226009	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	154902	50.0	51.2	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	539897	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19760	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	98	486379	50.0	49.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	402725	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	91	152331	50.0	47.3	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	97	211465	50.0	50.0	

Reagents:

8260MIX1COMB_00120	Amount Added: 0.00	Units: uL	
ACROLEIN W_00108	Amount Added: 0.00	Units: uL	
GASES Li_00376	Amount Added: 2.50	Units: uL	
GAS Hi_00365	Amount Added: 0.00	Units: uL	
524freon_00024	Amount Added: 0.00	Units: uL	
8FreonHi_00020	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00075	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00100	Amount Added: 0.00	Units: uL	
MIX I Hi_00127	Amount Added: 0.00	Units: uL	
Ethanol mix_00041	Amount Added: 0.00	Units: uL	
14DIOXINTER_00116	Amount Added: 0.00	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\CVOAMS13\20200709-112940.b\IP76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD7

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

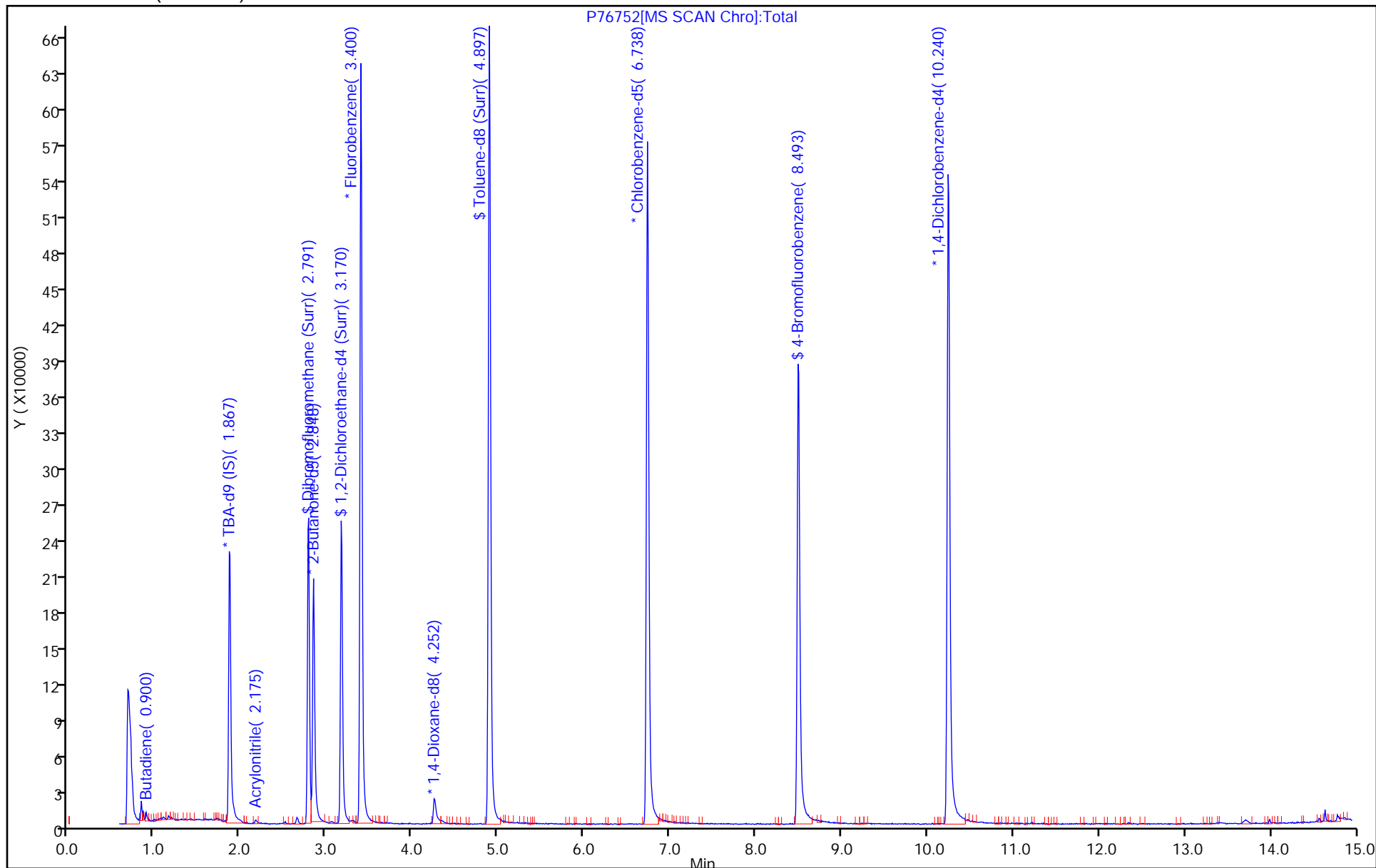
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

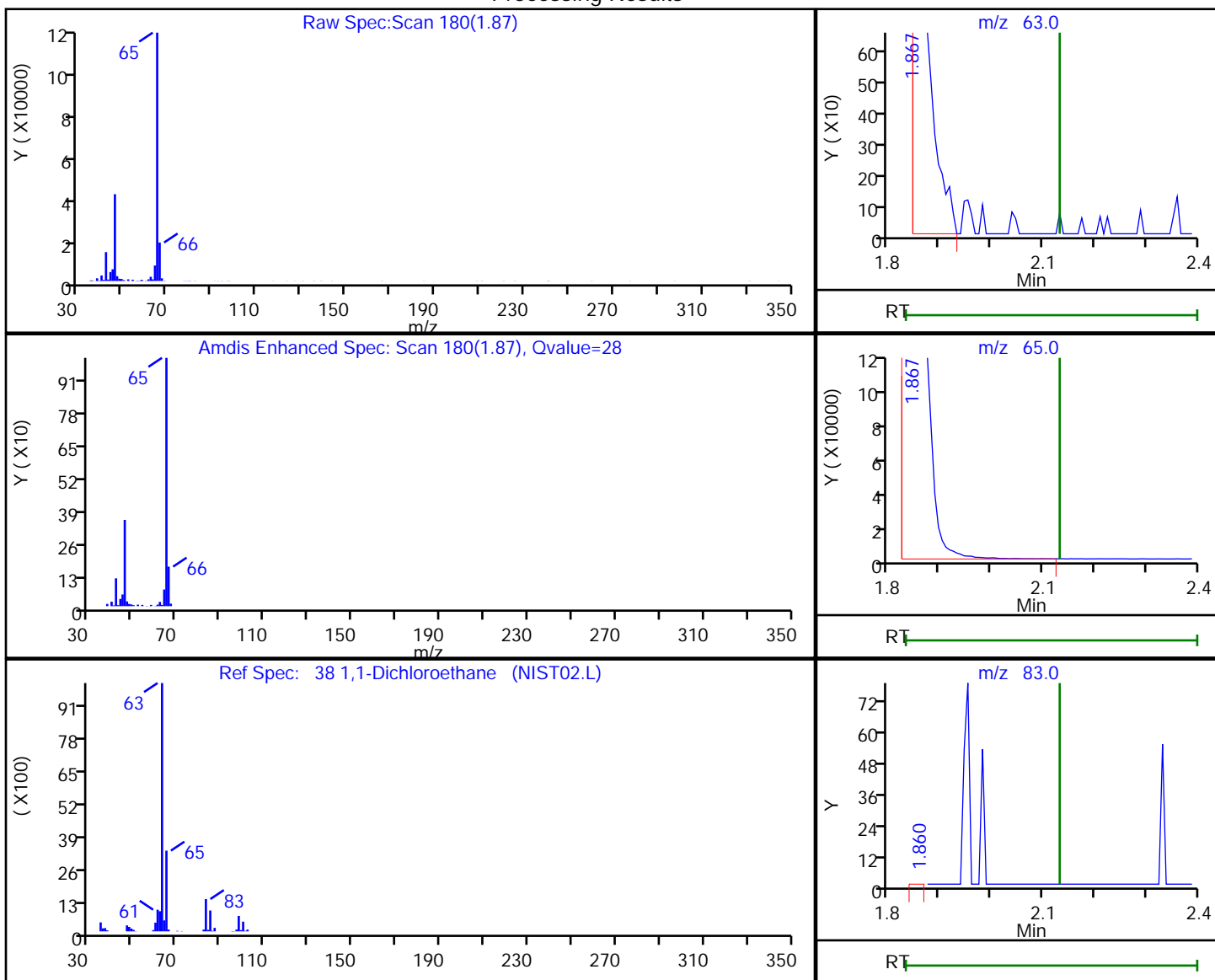
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
1.87	63.00	1520	0.296443
1.87	65.00	219404	
1.86	83.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

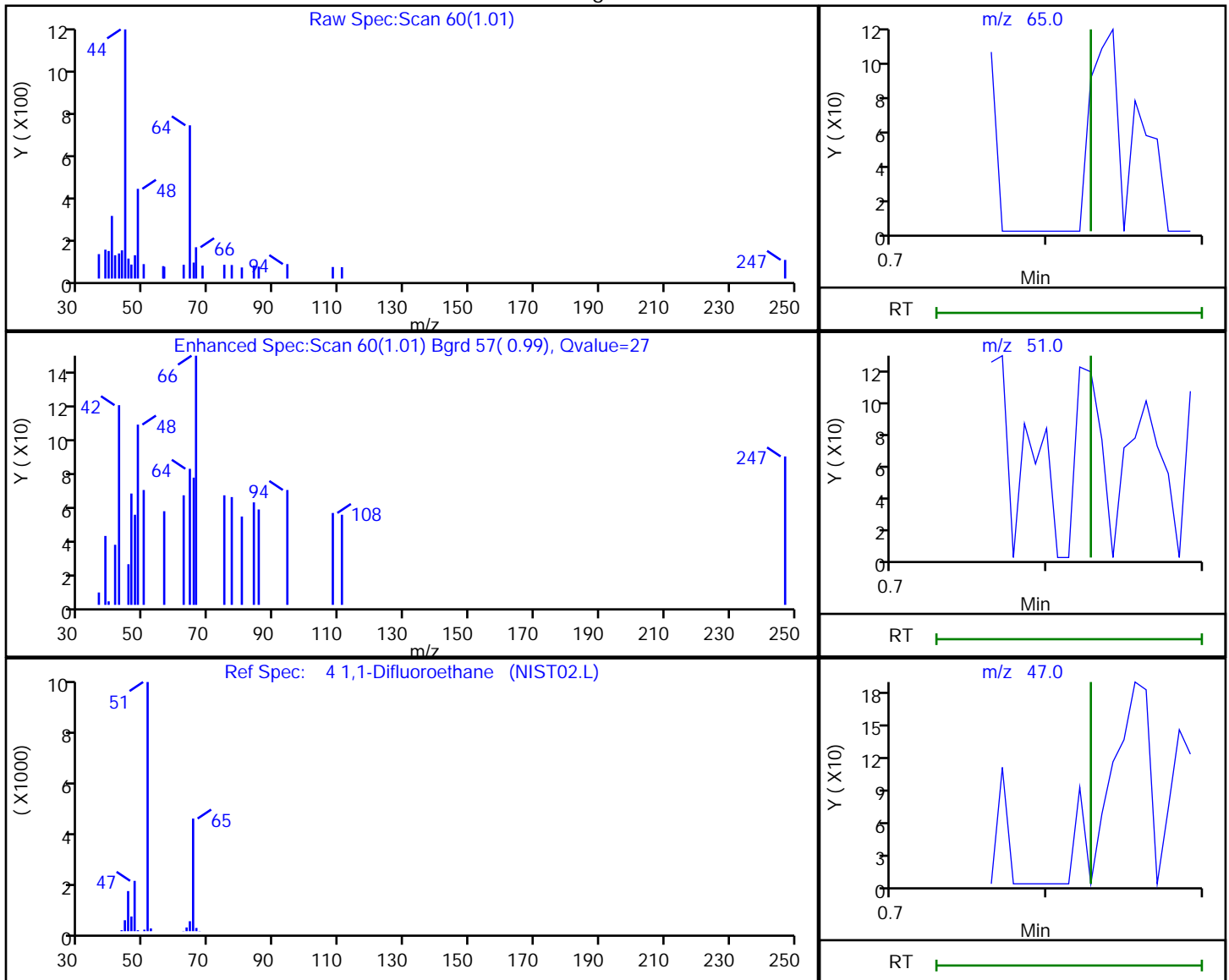
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
1.01	65.00	53	0.036902
1.00	51.00	33	
1.01	47.00	148	

Reviewer: baronm, 09-Jul-2020 10:03:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

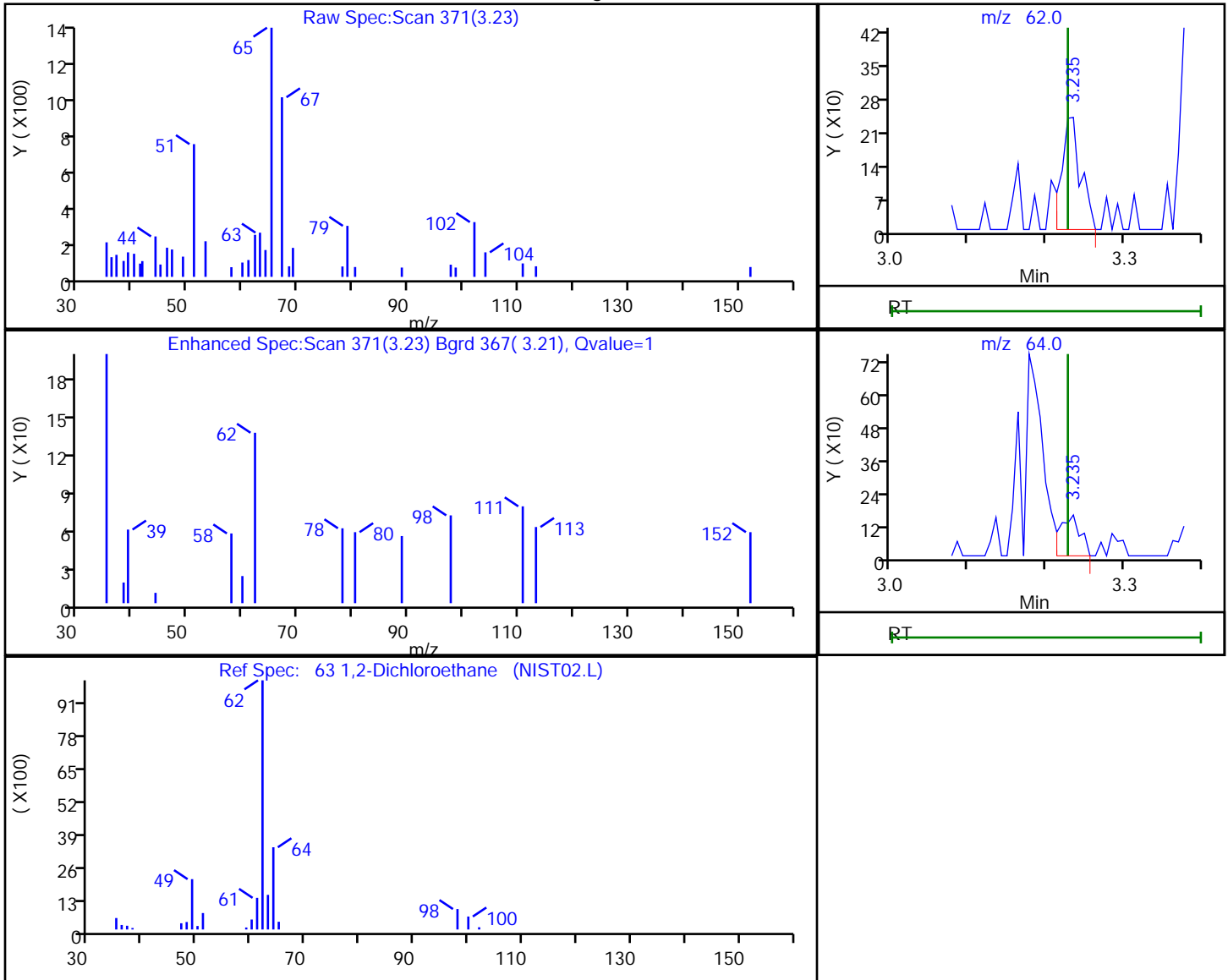
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.23	62.00	400	0.109733
3.23	64.00	272	

Reviewer: baronm, 09-Jul-2020 10:06:27

Audit Action: Marked Compound Undetected

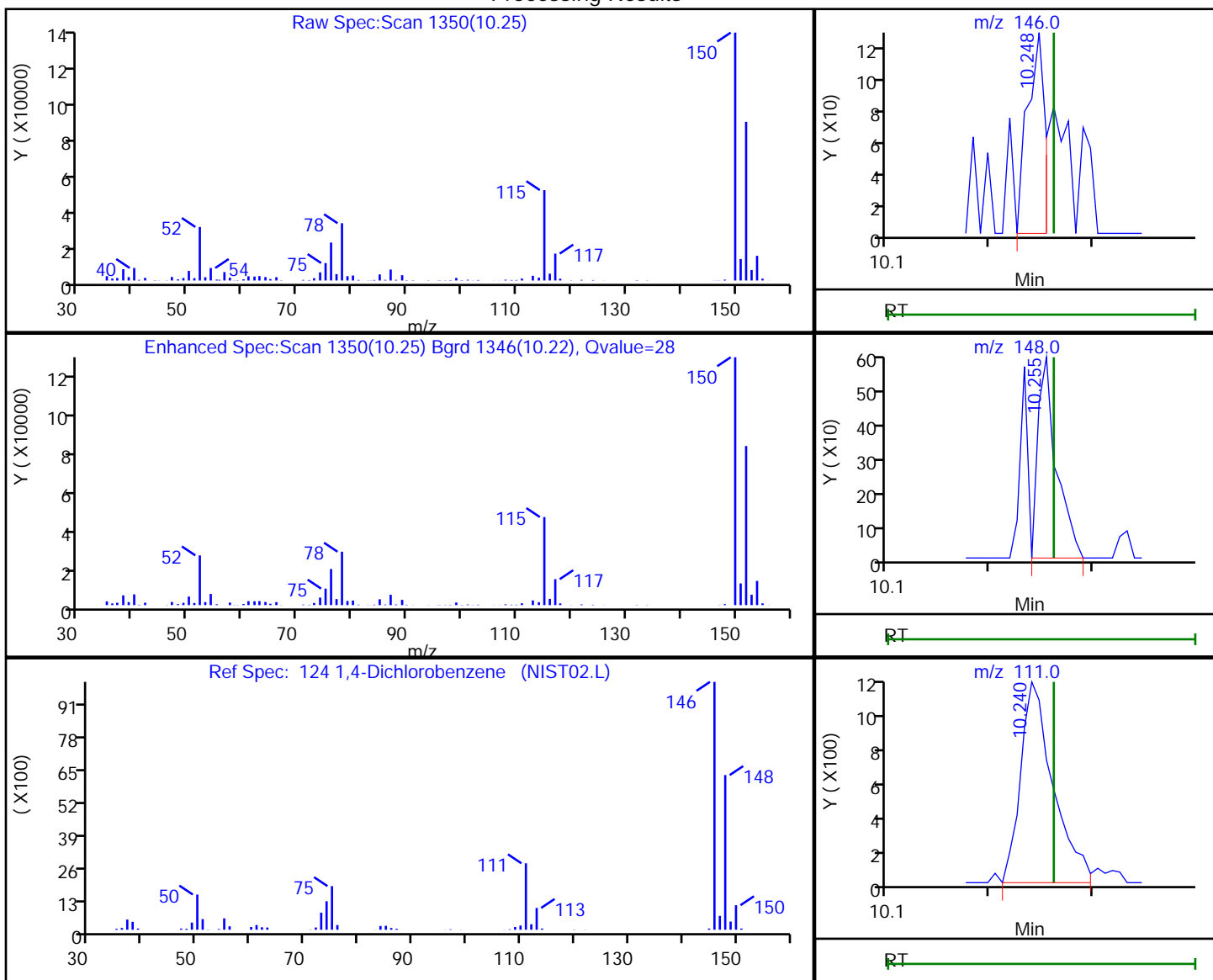
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
10.25	146.00	151	0.023872
10.25	148.00	748	
10.24	111.00	2557	

Reviewer: baronm, 09-Jul-2020 10:07:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

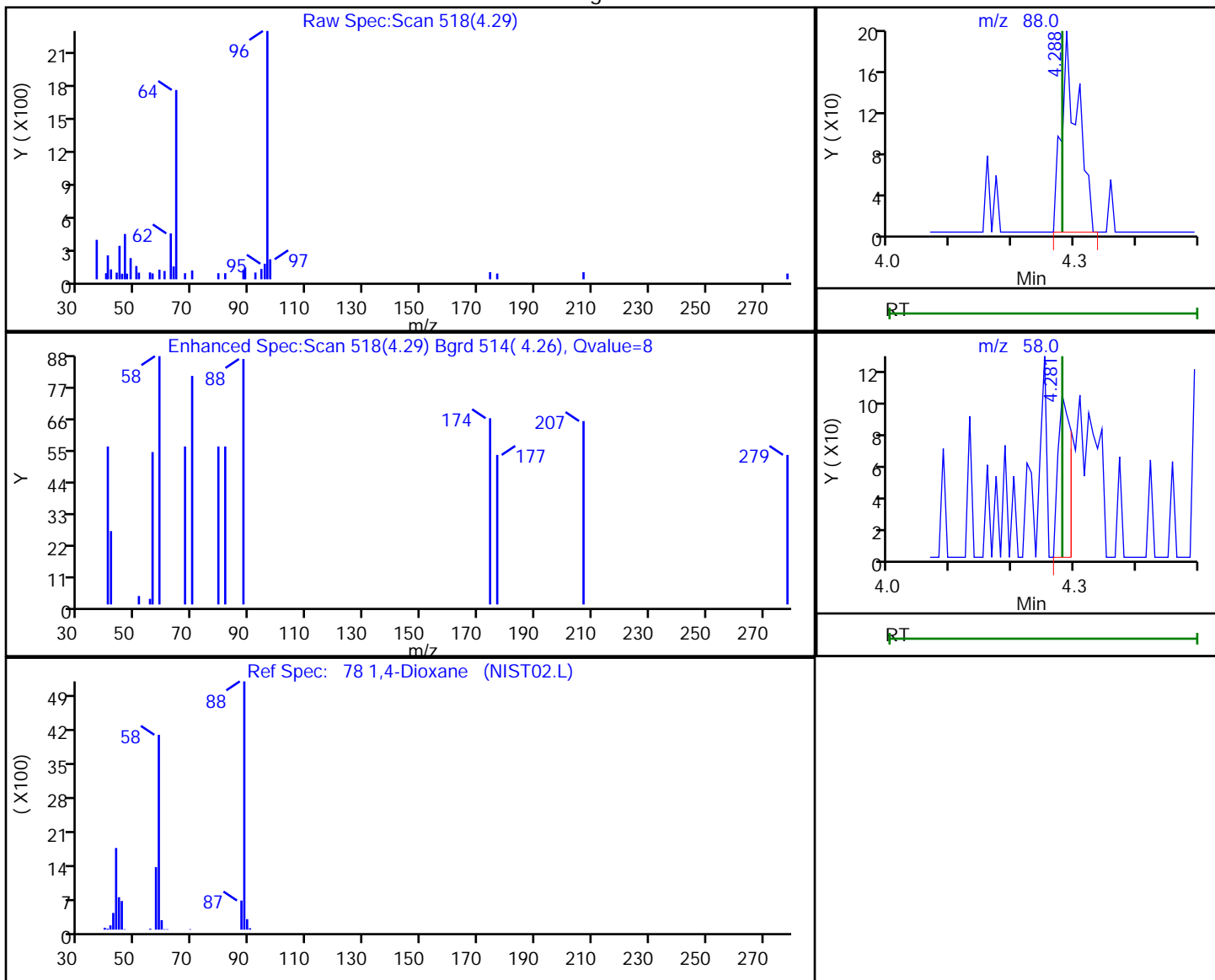
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
4.29	88.00	363	16.137432
4.28	58.00	142	

Reviewer: baronm, 09-Jul-2020 10:06:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

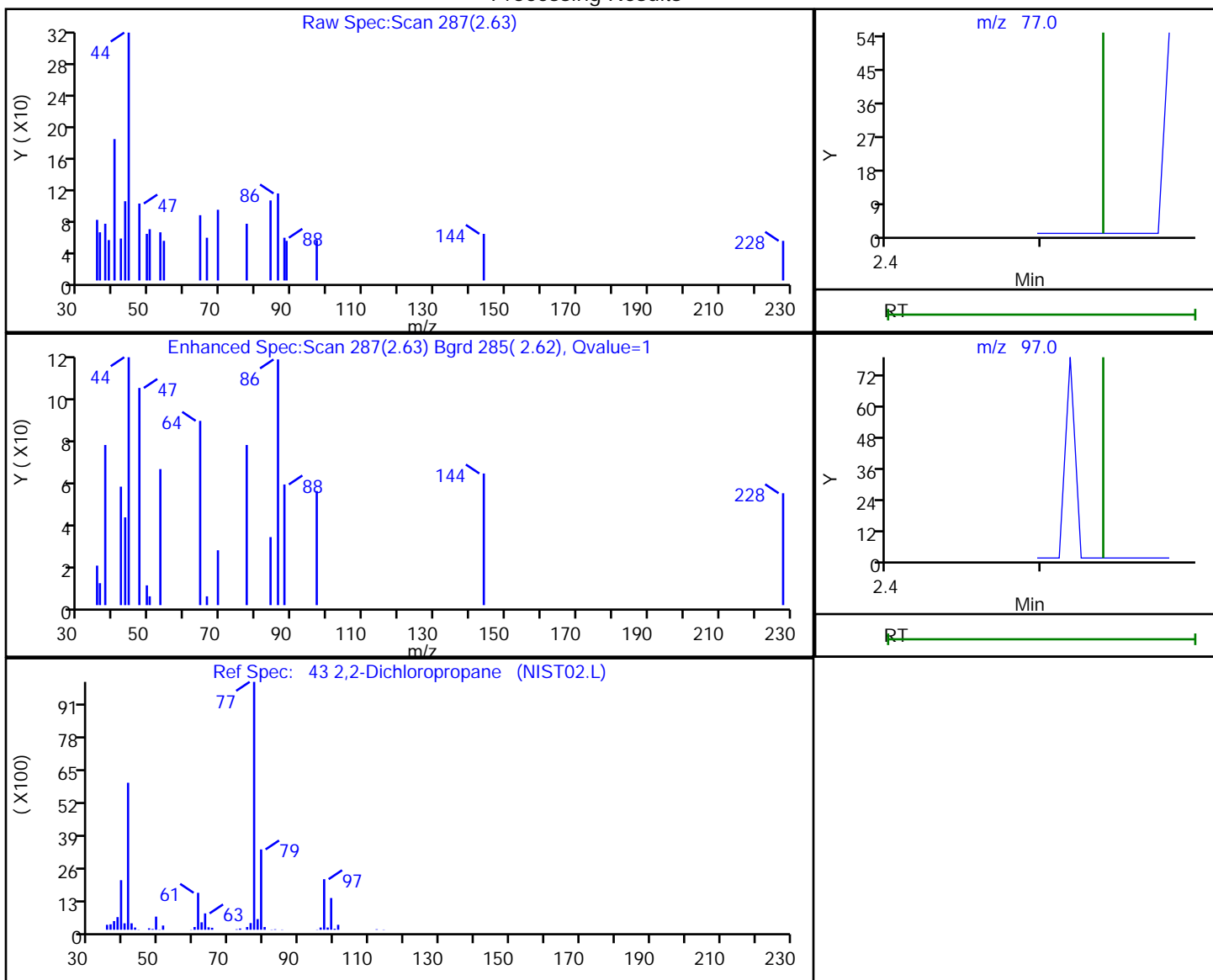
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

43 2,2-Dichloropropane, CAS: 594-20-7

Processing Results



RT	Mass	Response	Amount
2.63	77.00	31	0.008774
2.63	97.00	44	

Reviewer: baronm, 09-Jul-2020 10:06:07

Audit Action: Marked Compound Undetected

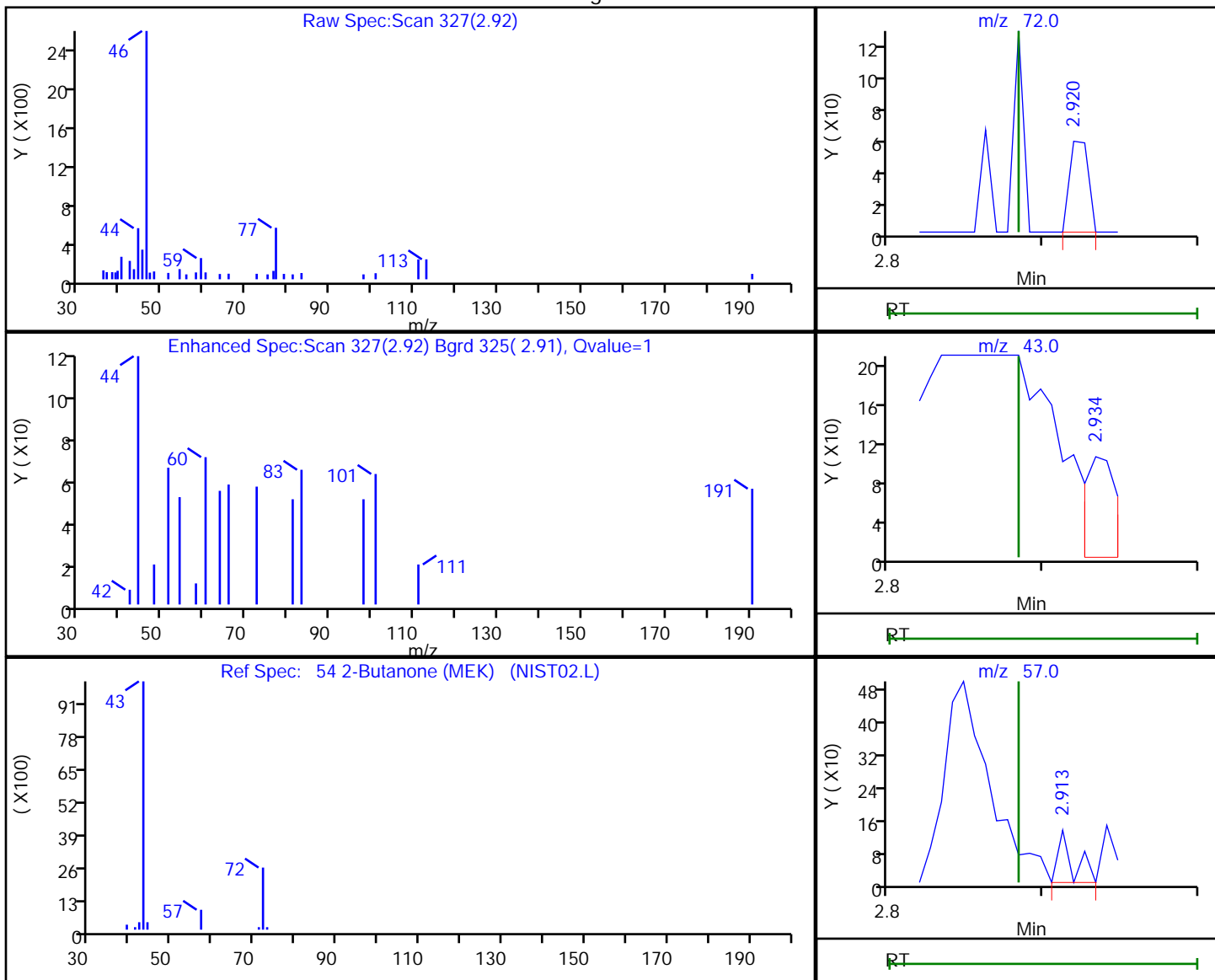
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

54 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
2.92	72.00	48	0.165772
2.93	43.00	143	
2.91	57.00	89	

Reviewer: baronm, 09-Jul-2020 10:06:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

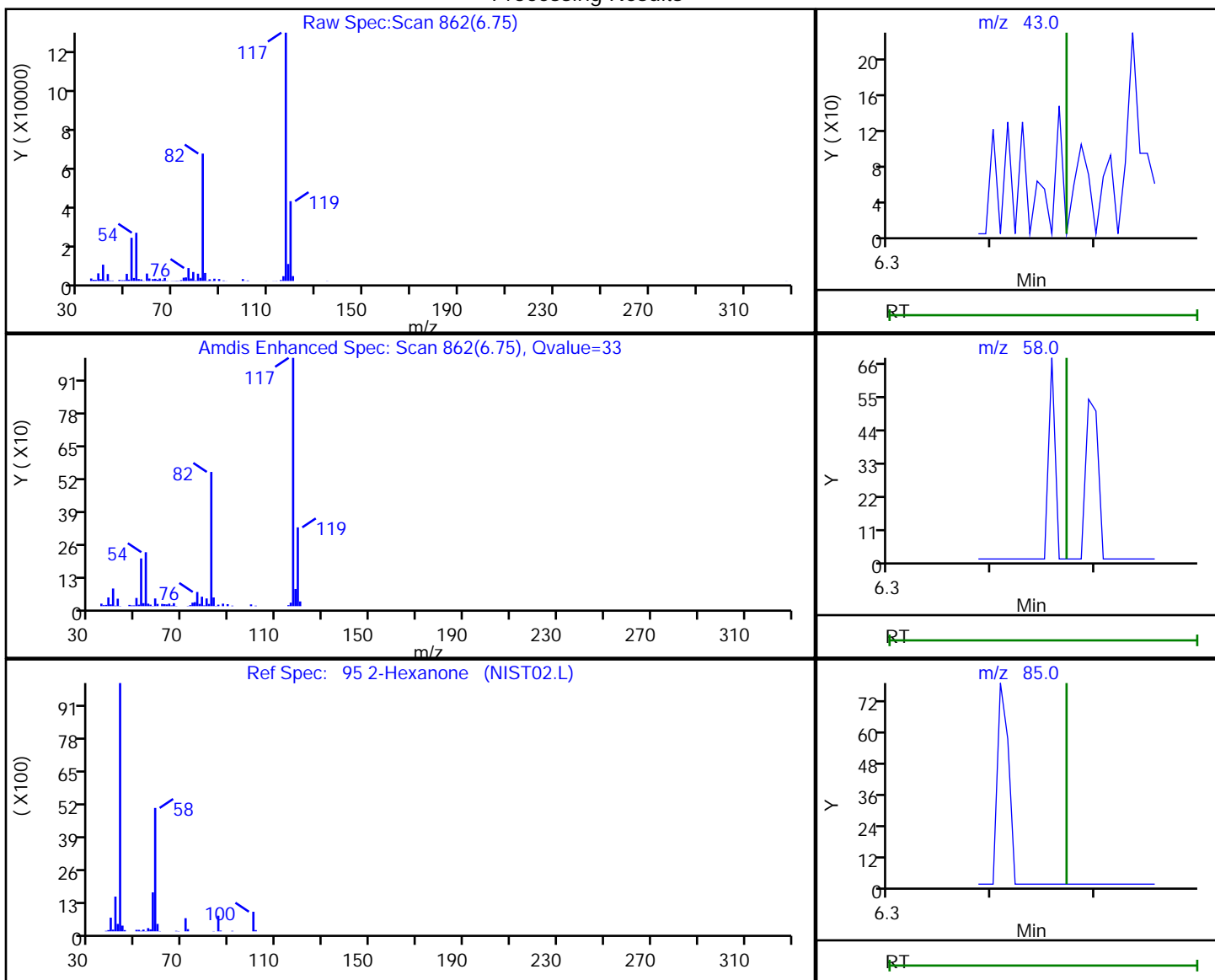
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.75	43.00	323	0.221760
6.74	58.00	11782	
6.74	85.00	2159	
6.76	100.00	52	

Reviewer: baronm, 09-Jul-2020 10:07:03

Audit Action: Marked Compound Undetected

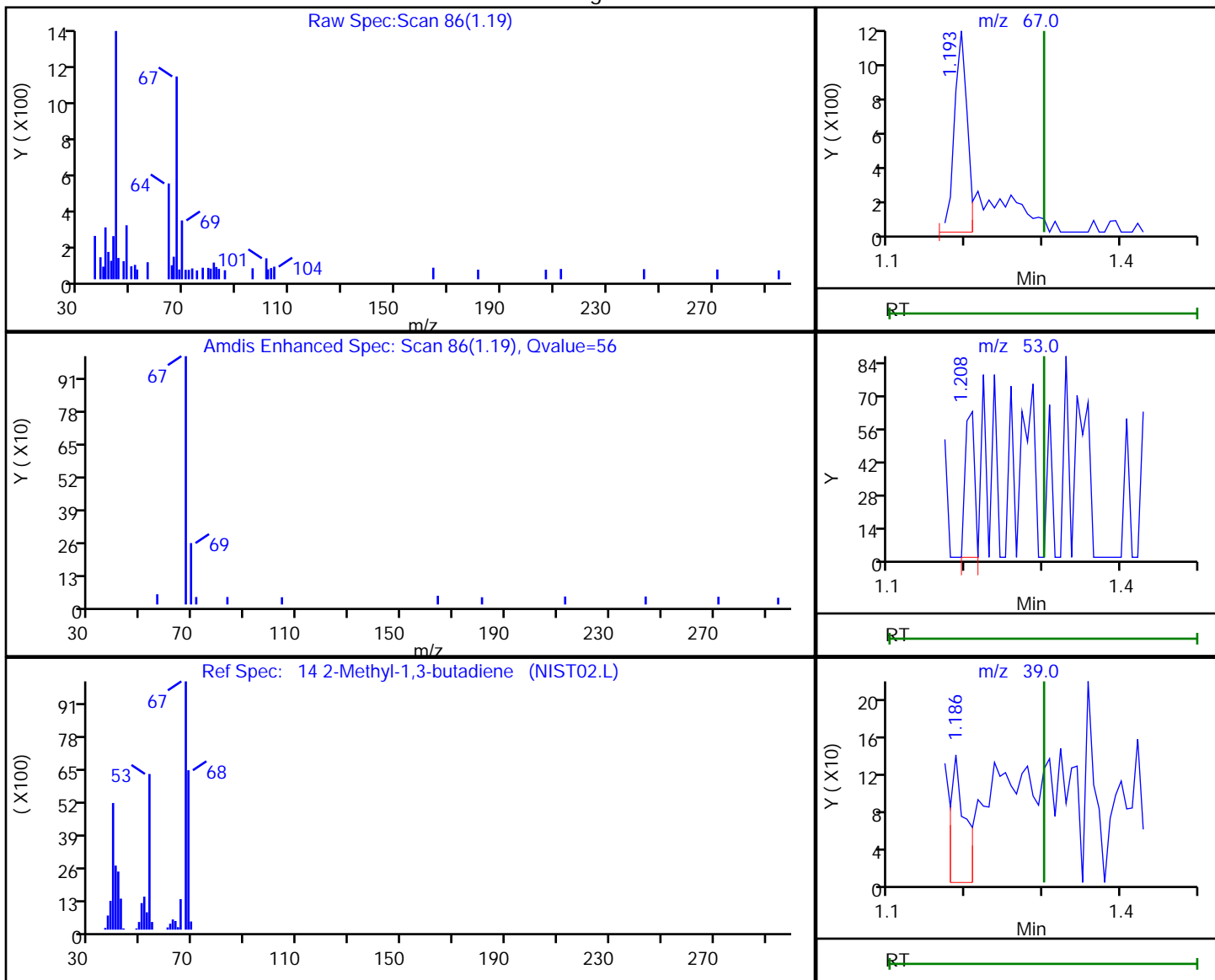
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Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.19	67.00	1314	0.251379
1.21	53.00	52	
1.19	39.00	179	

Reviewer: baronm, 09-Jul-2020 10:04:08

Audit Action: Marked Compound Undetected

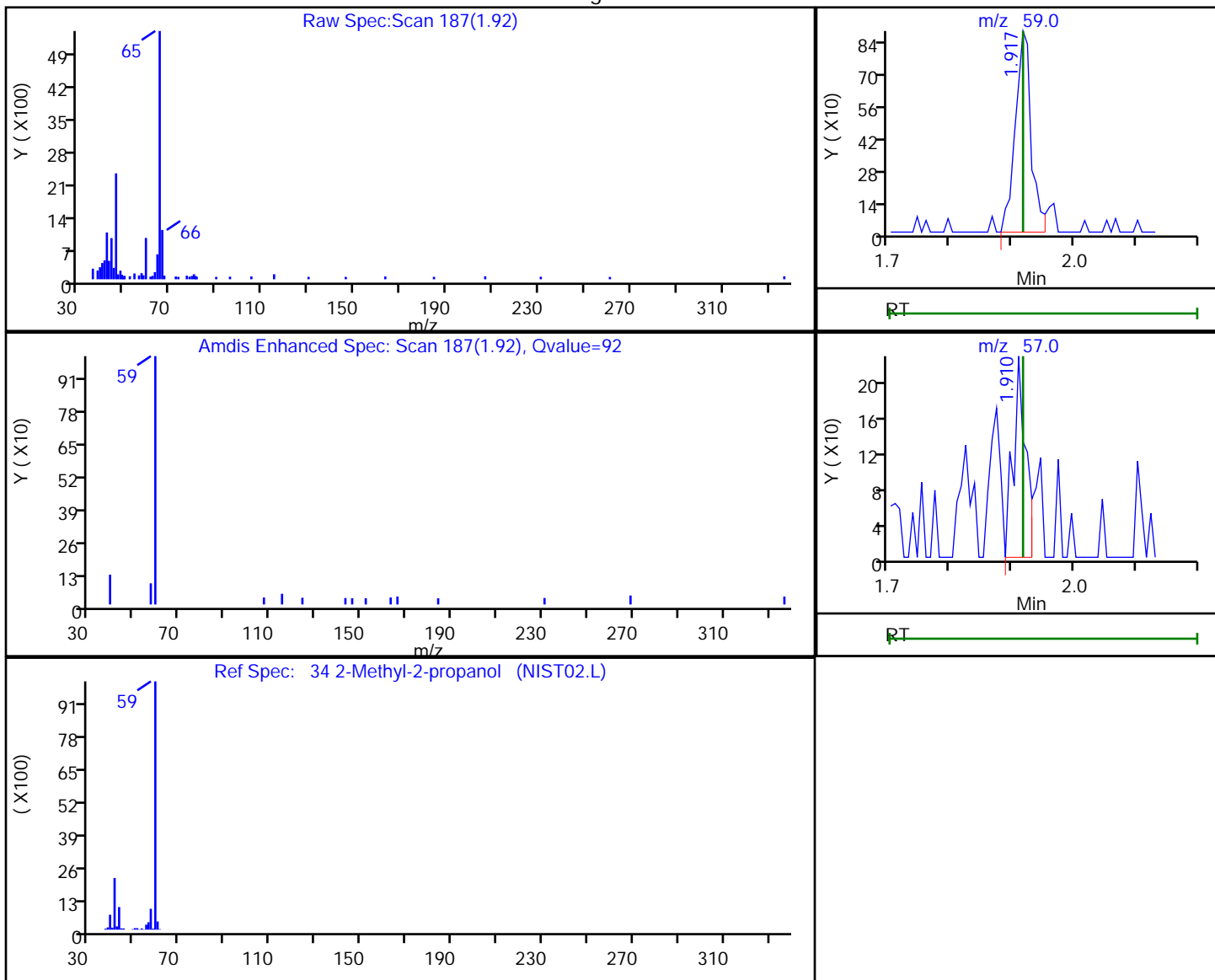
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

34 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results



RT	Mass	Response	Amount
1.92	59.00	1580	1.458438
1.91	57.00	320	

Reviewer: baronm, 09-Jul-2020 10:05:55

Audit Action: Marked Compound Undetected

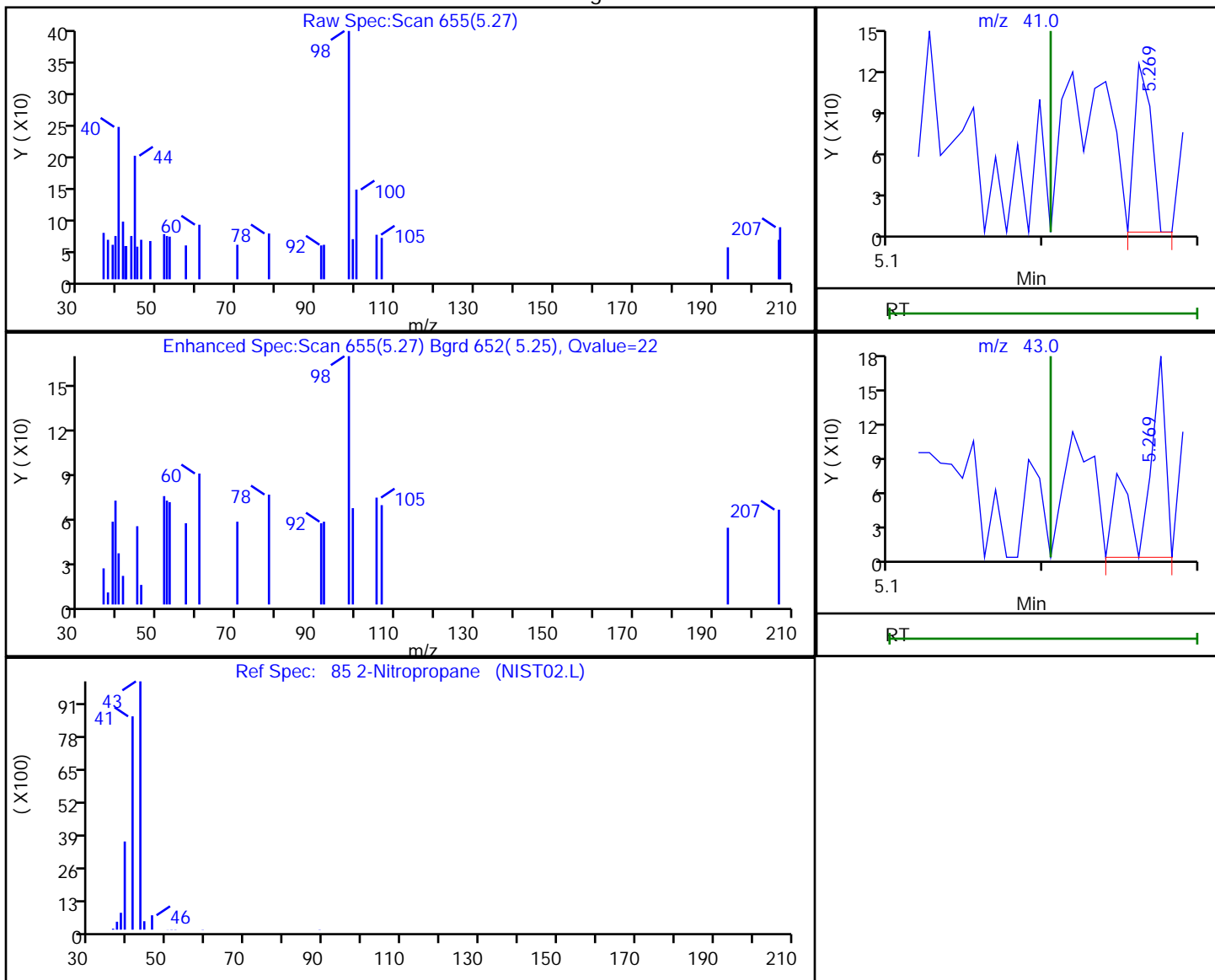
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
5.27	41.00	92	0.176710
5.27	43.00	158	

Reviewer: baronm, 09-Jul-2020 10:06:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

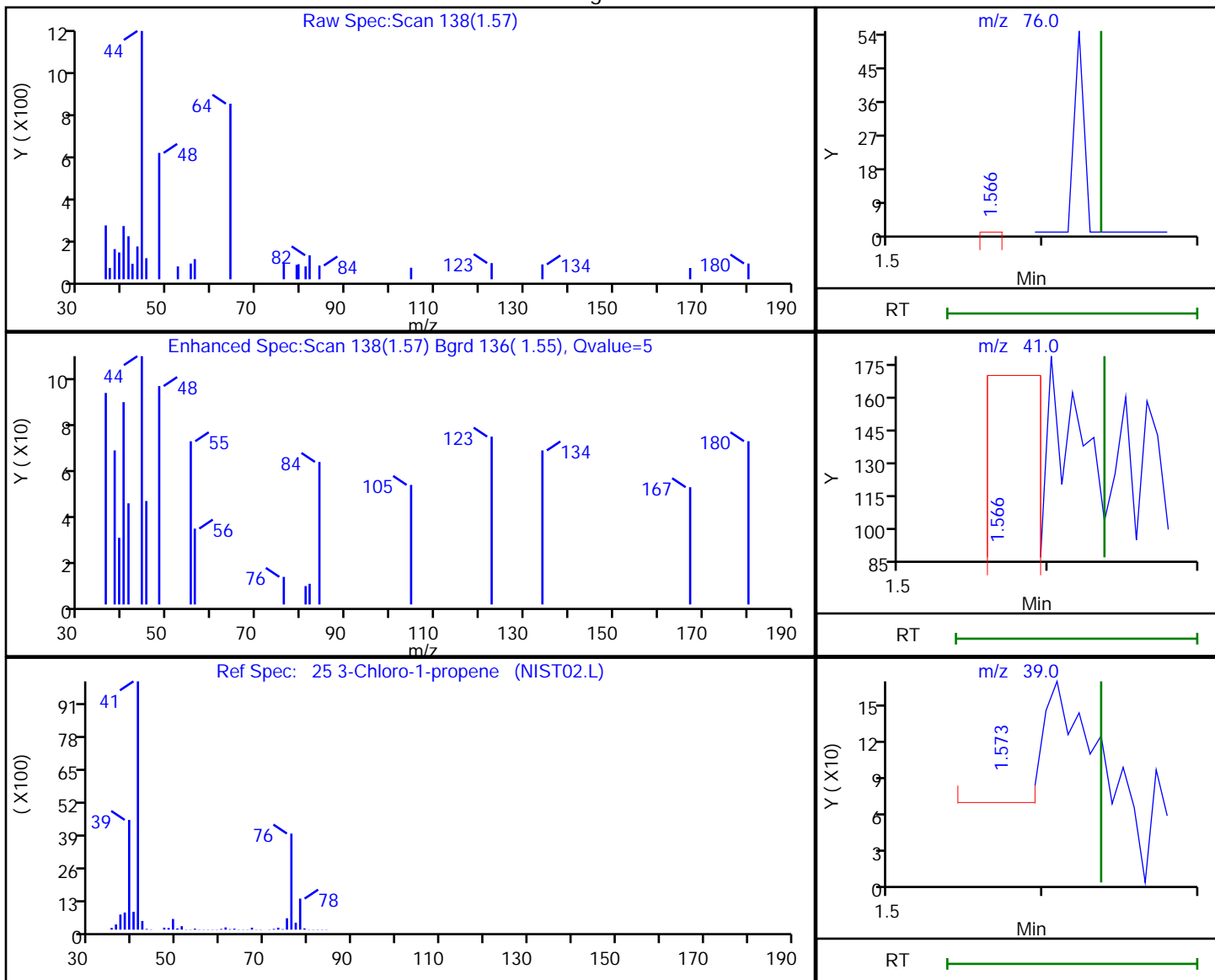
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Processing Results



RT	Mass	Response	Amount
1.57	76.00	31	0.017328
1.57	41.00	341	
1.57	39.00	126	

Reviewer: baronm, 09-Jul-2020 10:04:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

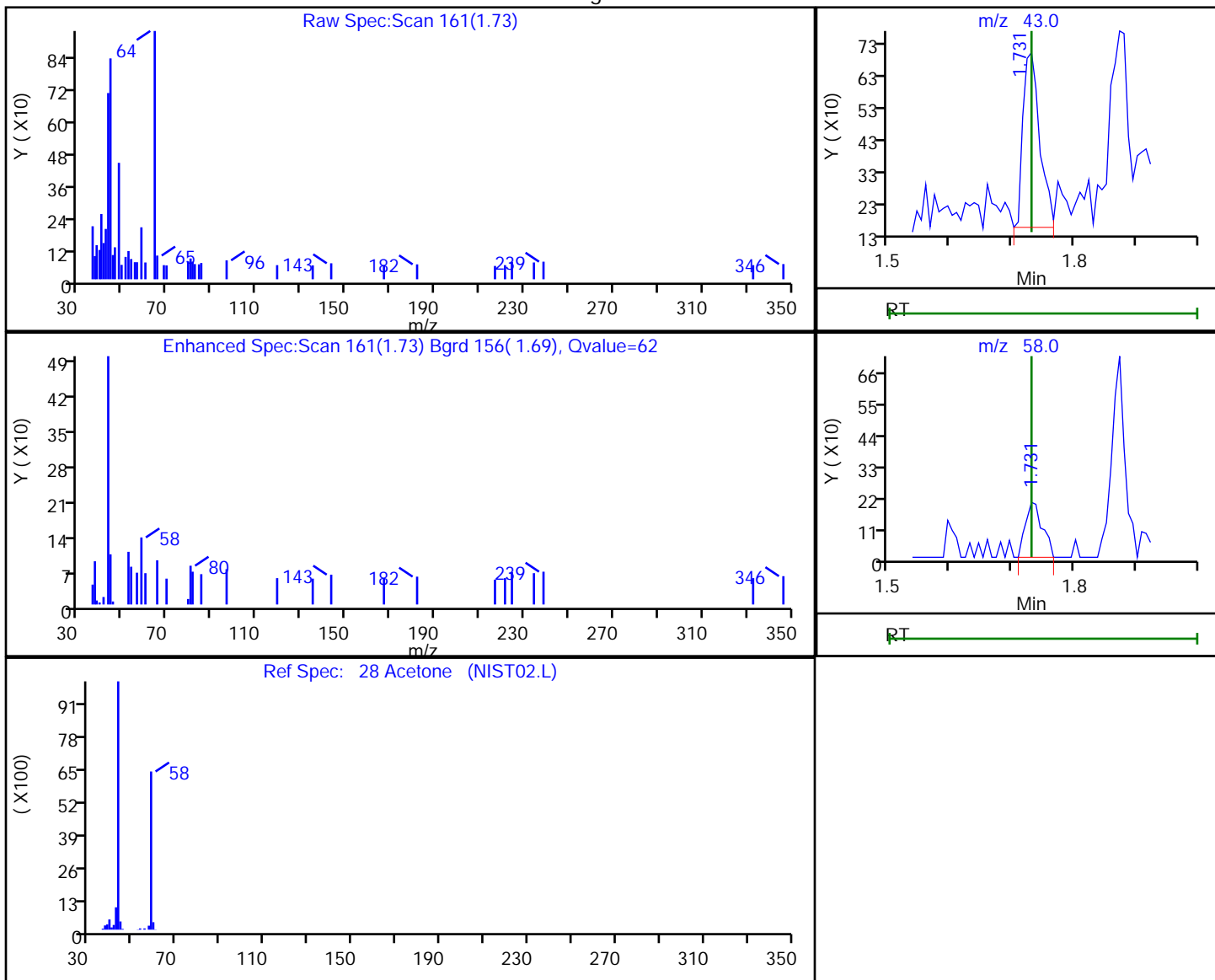
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

28 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
1.73	43.00	1043	1.047880
1.73	58.00	376	

Reviewer: baronm, 09-Jul-2020 10:04:38

Audit Action: Marked Compound Undetected

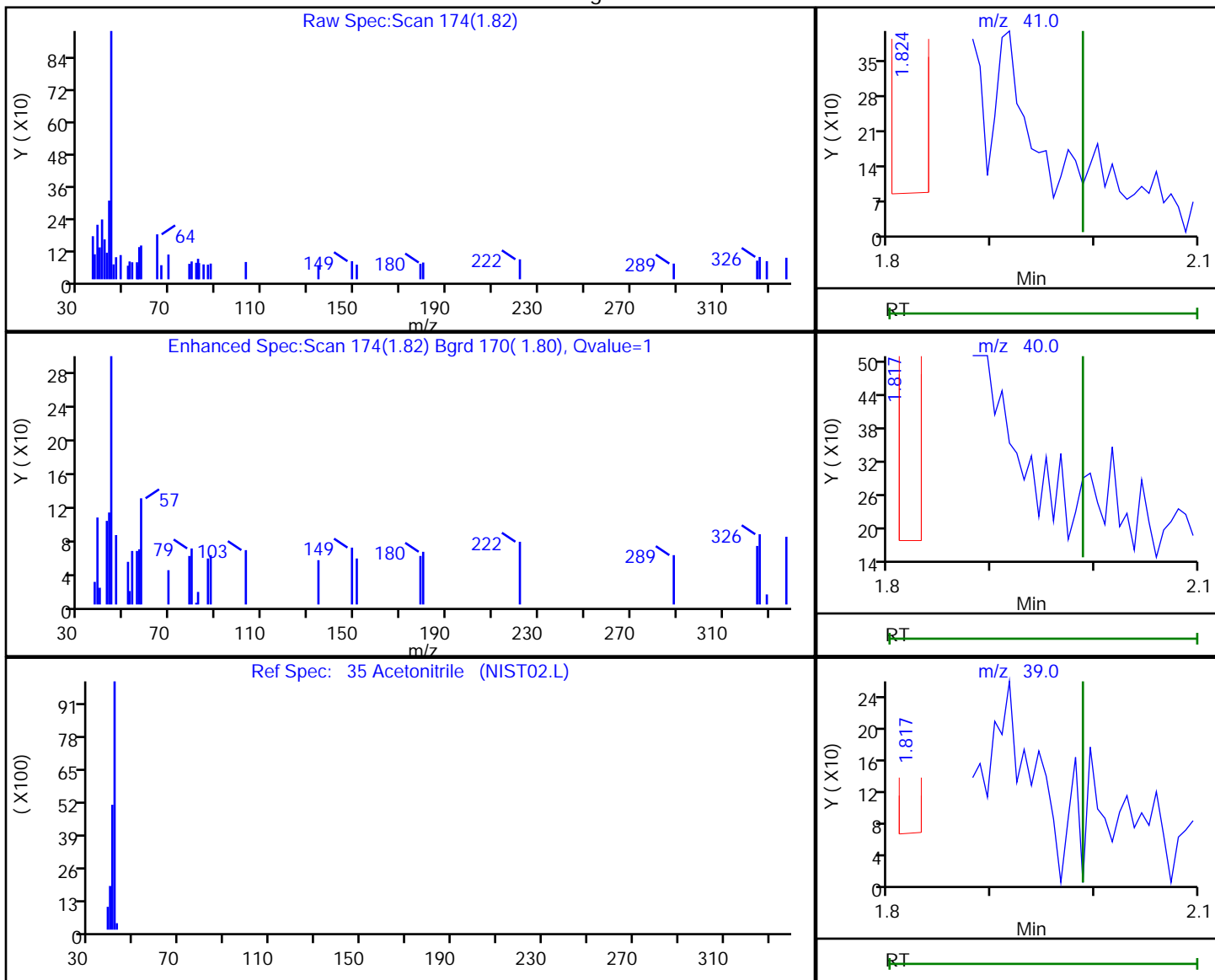
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.82	41.00	81	0.253722
1.82	40.00	163	
1.82	39.00	89	
1.82	38.00	64	

Reviewer: baronm, 09-Jul-2020 10:05:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

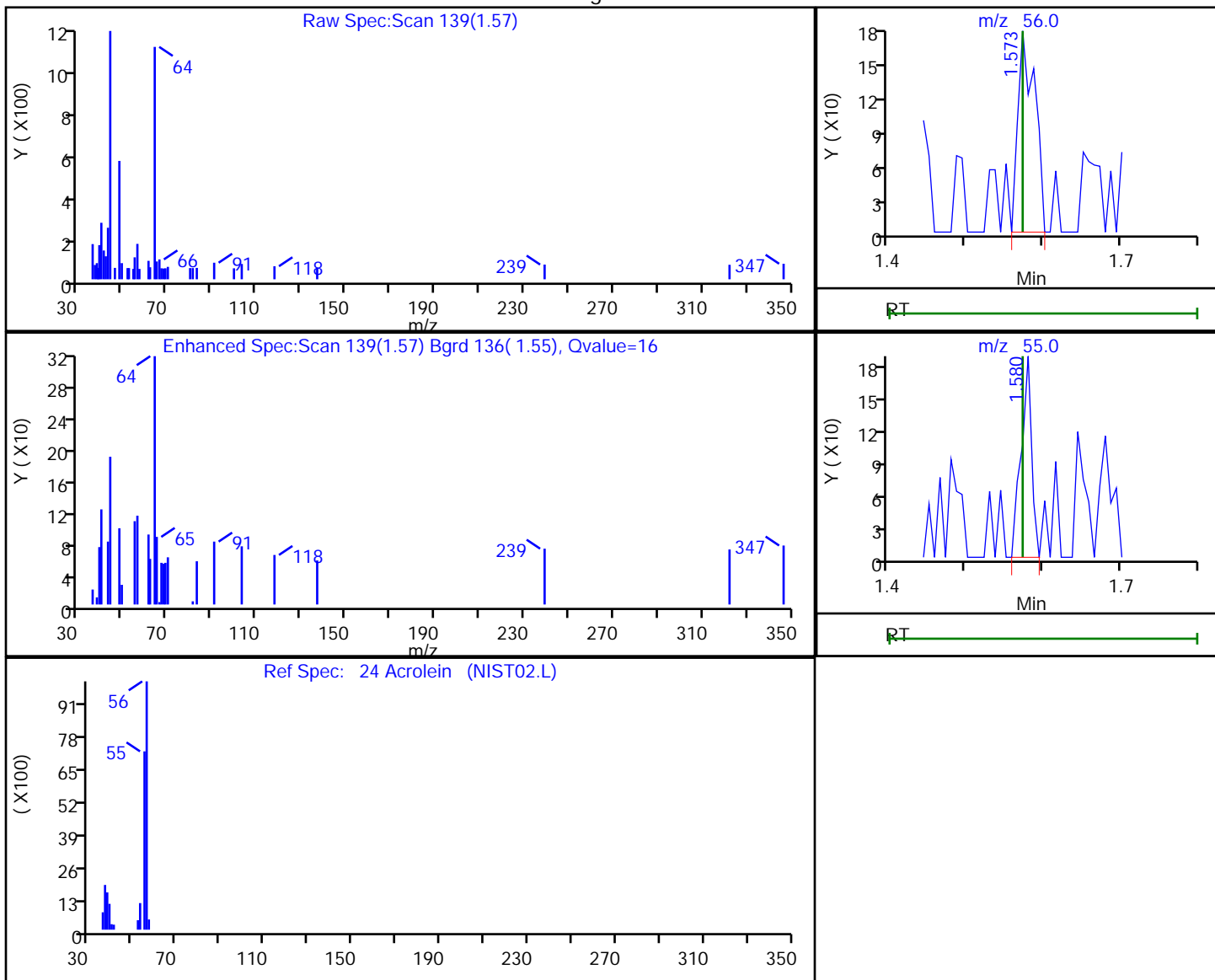
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

24 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.57	56.00	260	0.840547
1.58	55.00	180	

Reviewer: baronm, 09-Jul-2020 10:04:29

Audit Action: Marked Compound Undetected

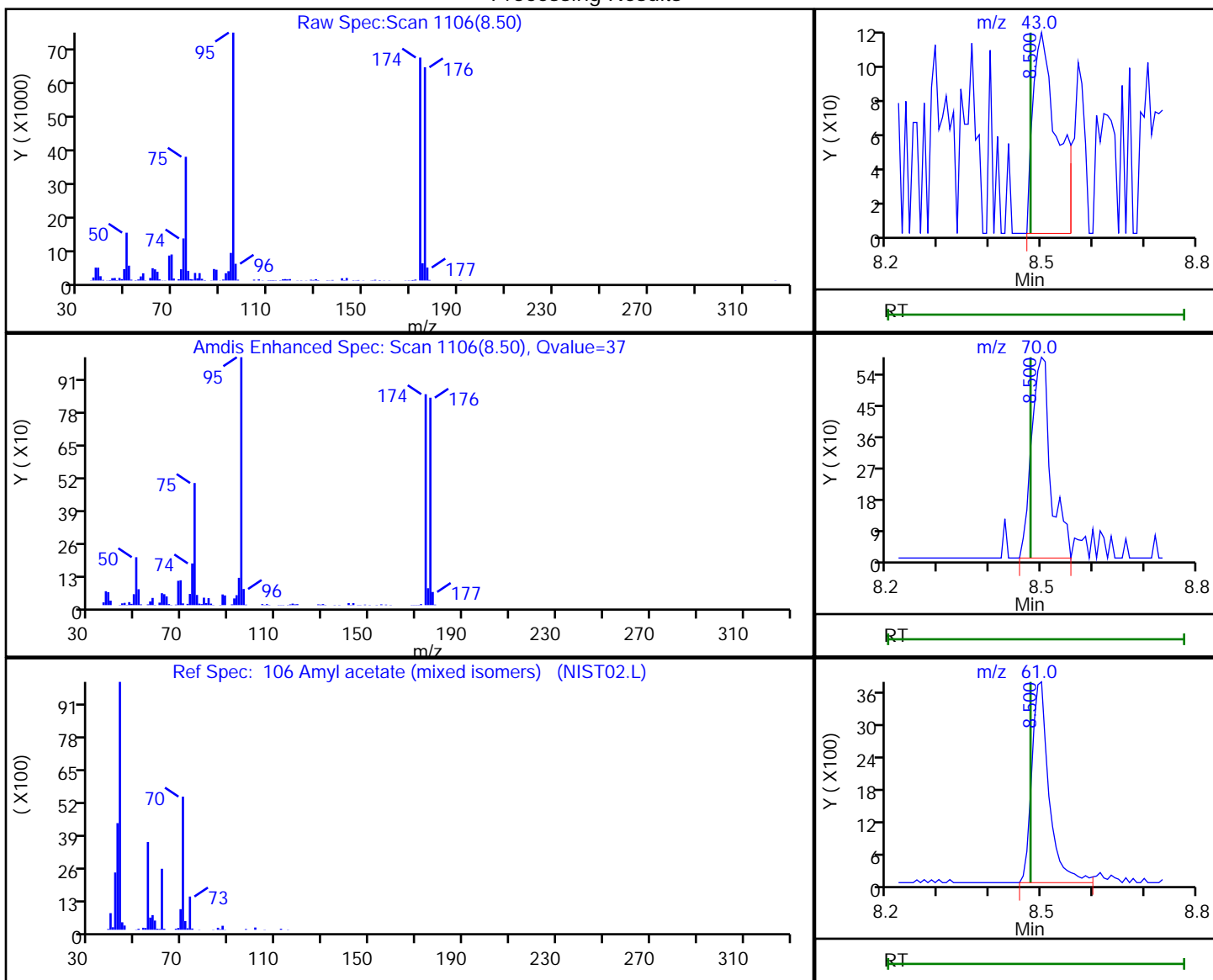
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results



RT	Mass	Response	Amount
8.50	43.00	373	0.096977
8.50	70.00	1524	
8.50	61.00	8722	

Reviewer: baronm, 09-Jul-2020 10:07:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

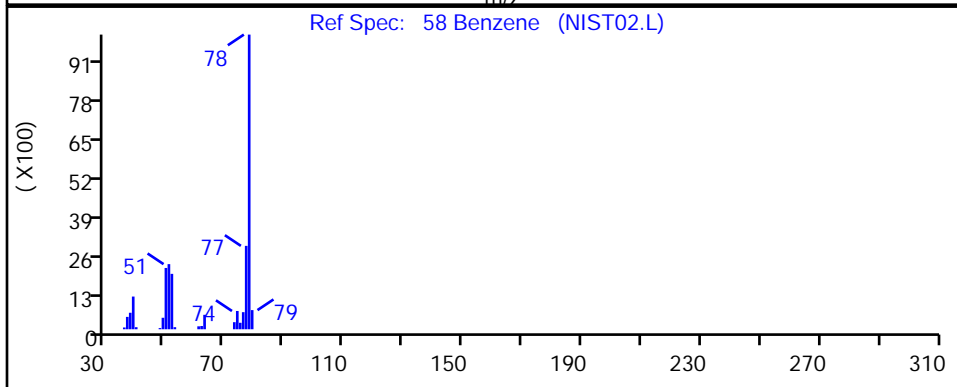
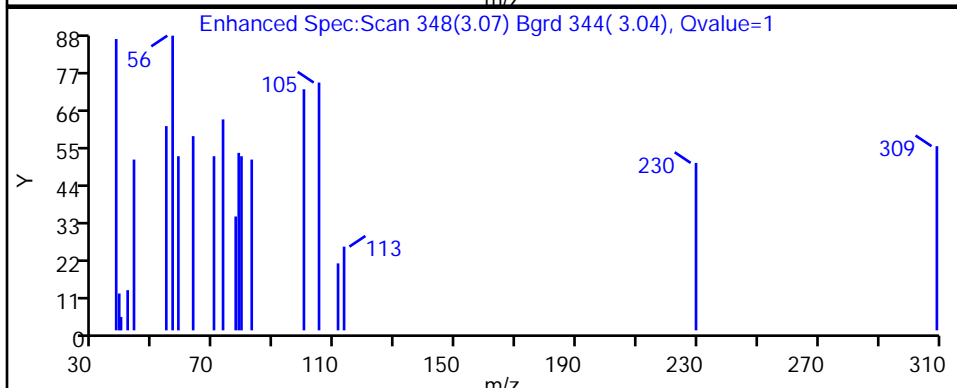
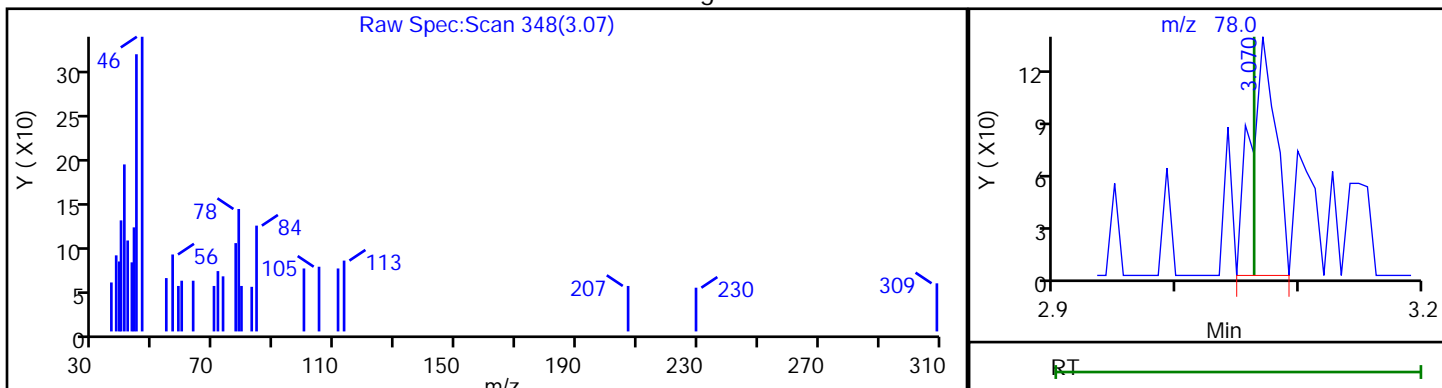
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

58 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
3.07	78.00	202	0.016919

Reviewer: baronm, 09-Jul-2020 10:06:21

Audit Action: Marked Compound Undetected

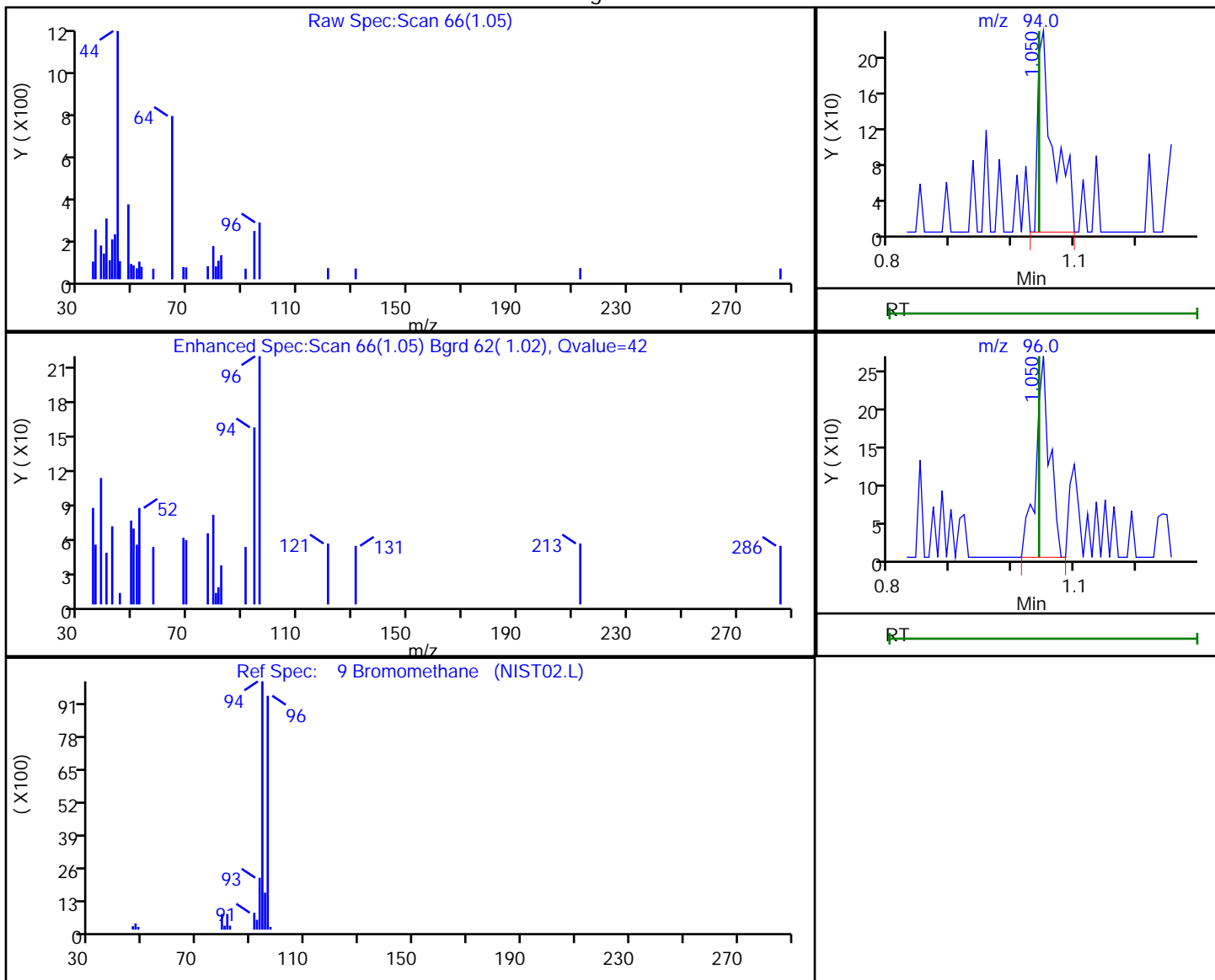
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
1.05	94.00	405	0.265832
1.05	96.00	420	

Reviewer: baronm, 09-Jul-2020 10:03:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

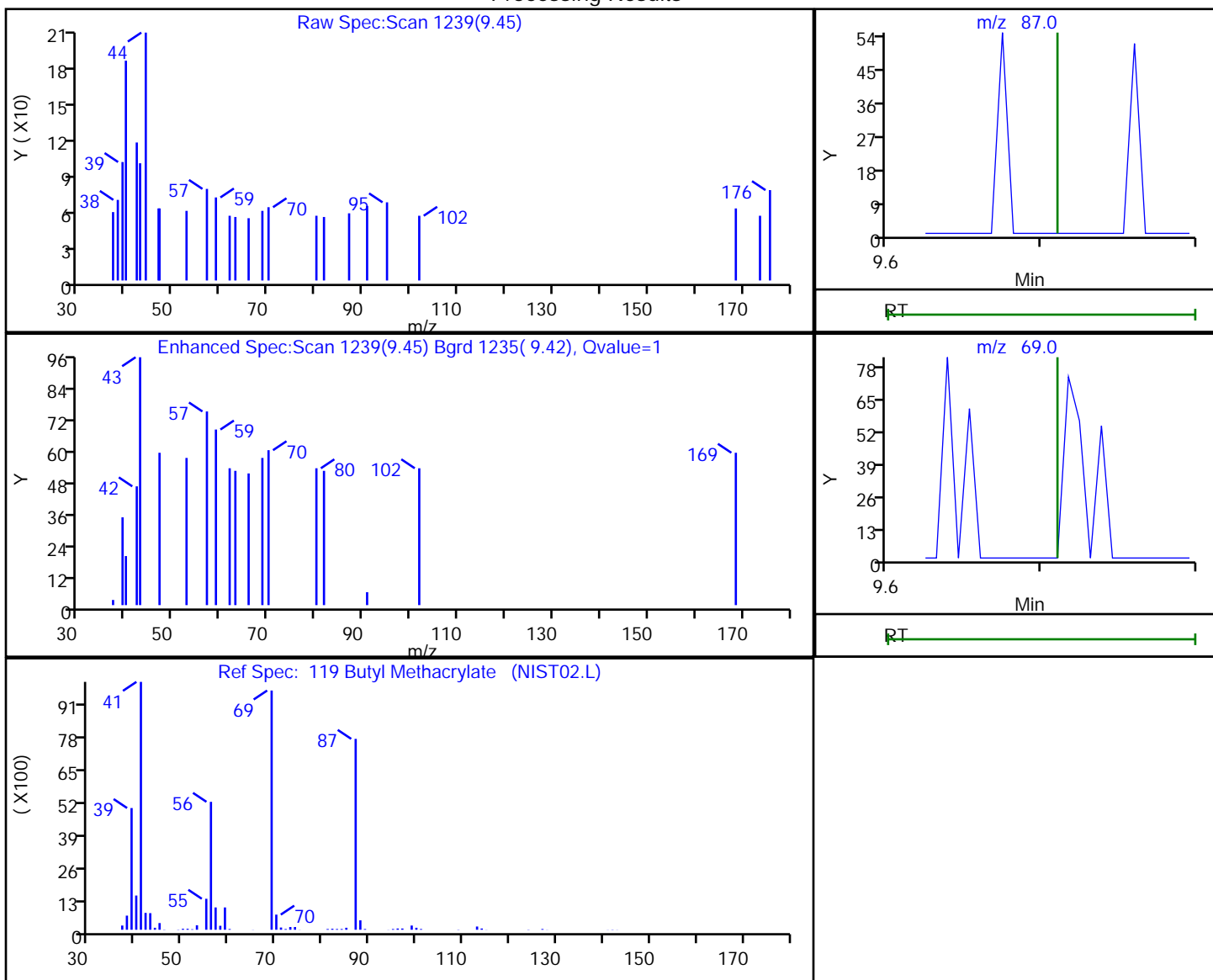
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

119 Butyl Methacrylate, CAS: 97-88-1

Processing Results



RT	Mass	Response	Amount
9.45	87.00	46	0.012767
9.45	69.00	49	

Reviewer: baronm, 09-Jul-2020 10:07:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

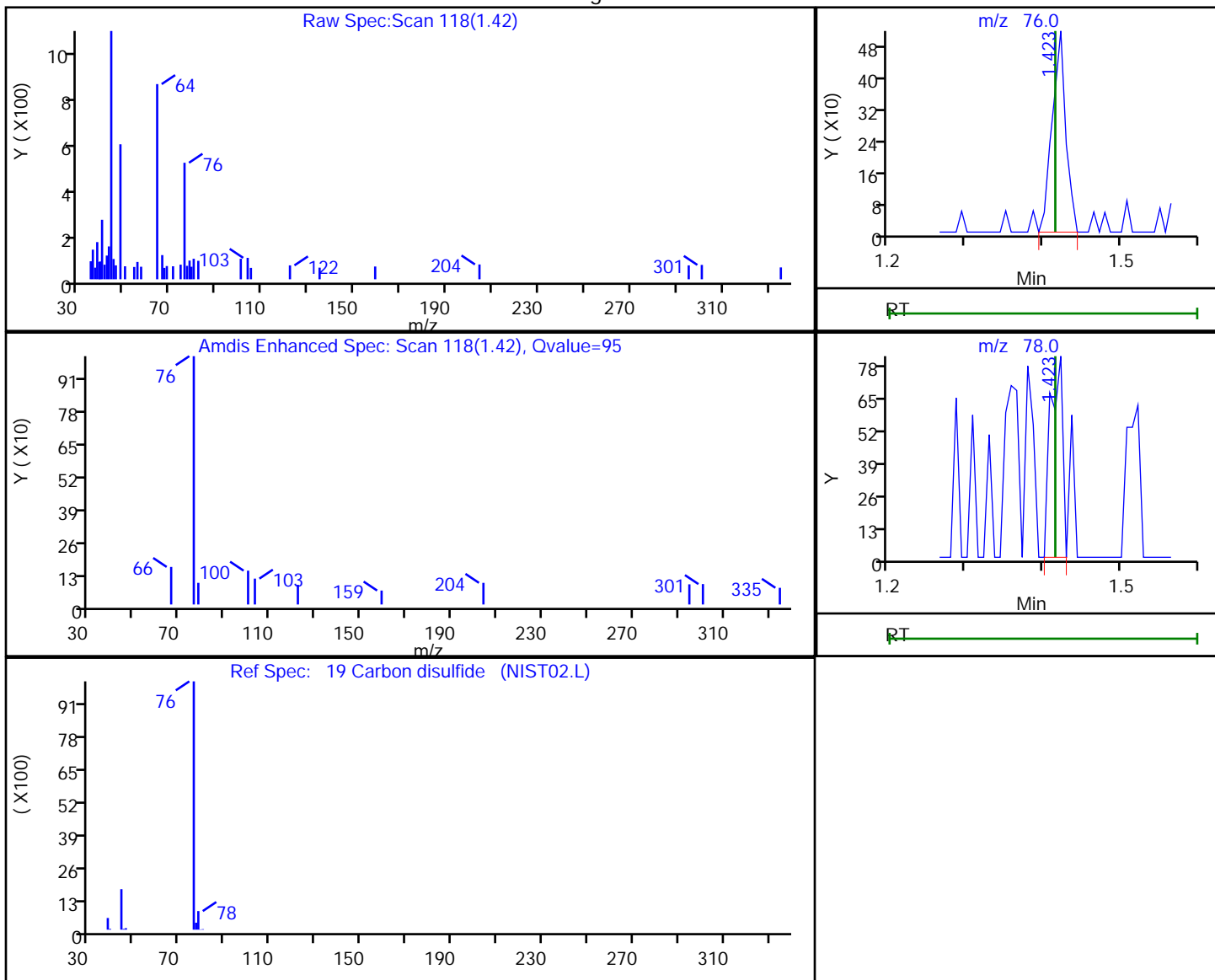
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.42	76.00	630	0.058744
1.42	78.00	90	

Reviewer: baronm, 09-Jul-2020 10:04:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

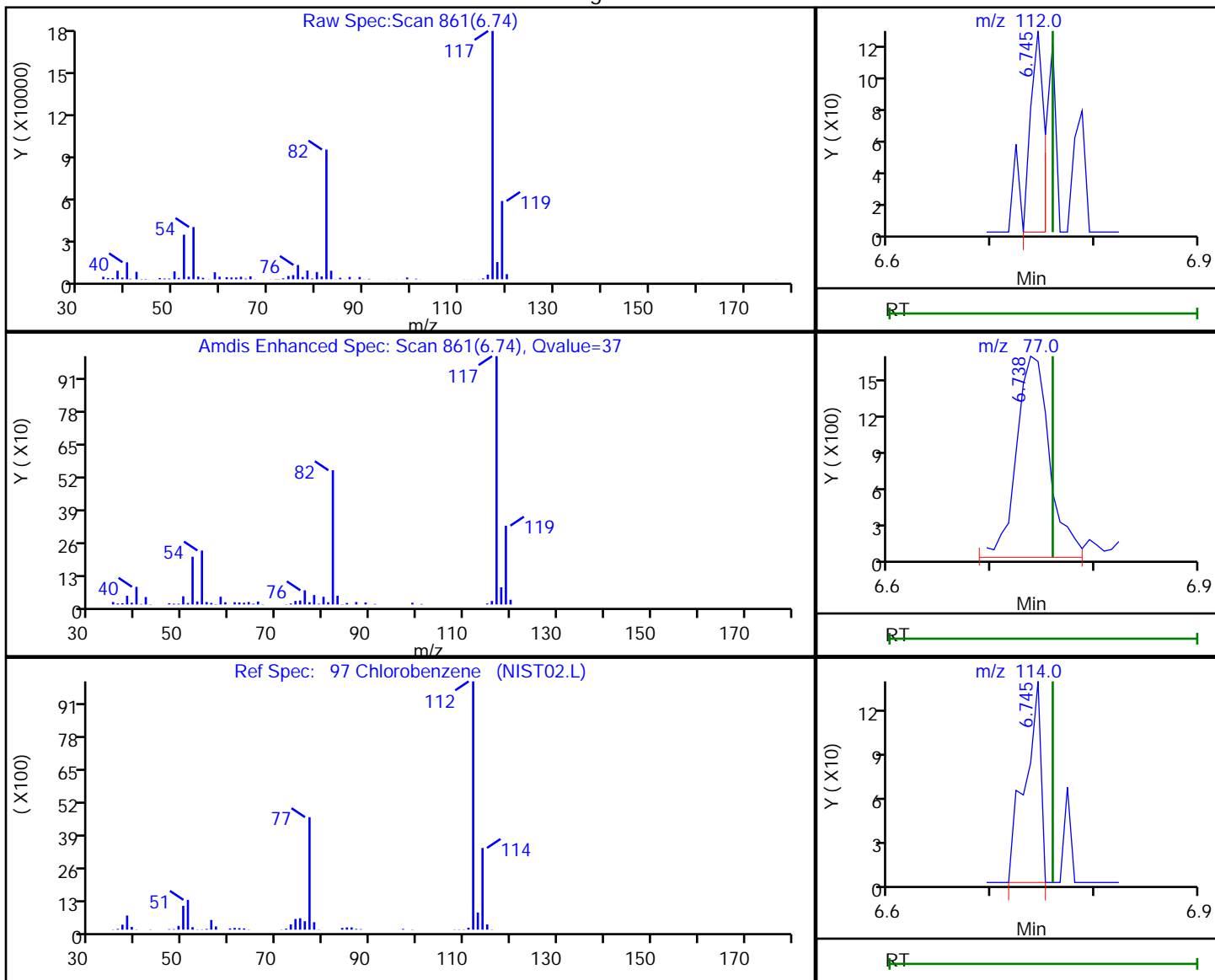
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

97 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
6.74	112.00	114	0.015165
6.74	77.00	3679	
6.74	114.00	140	

Reviewer: baronm, 09-Jul-2020 10:07:05

Audit Action: Marked Compound Undetected

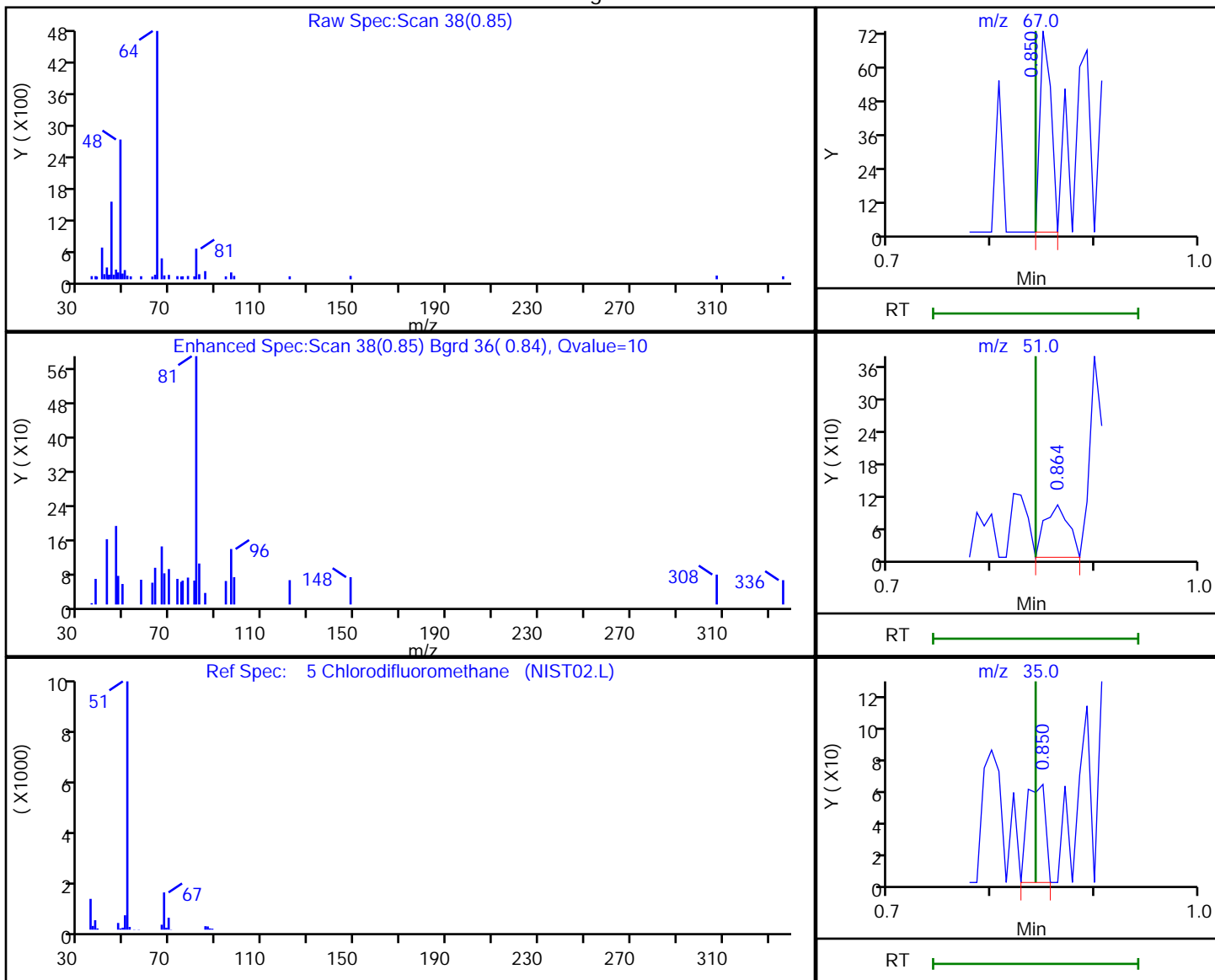
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Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.85	67.00	54	0.126913
0.86	51.00	155	
0.85	35.00	74	

Reviewer: baronm, 09-Jul-2020 10:03:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

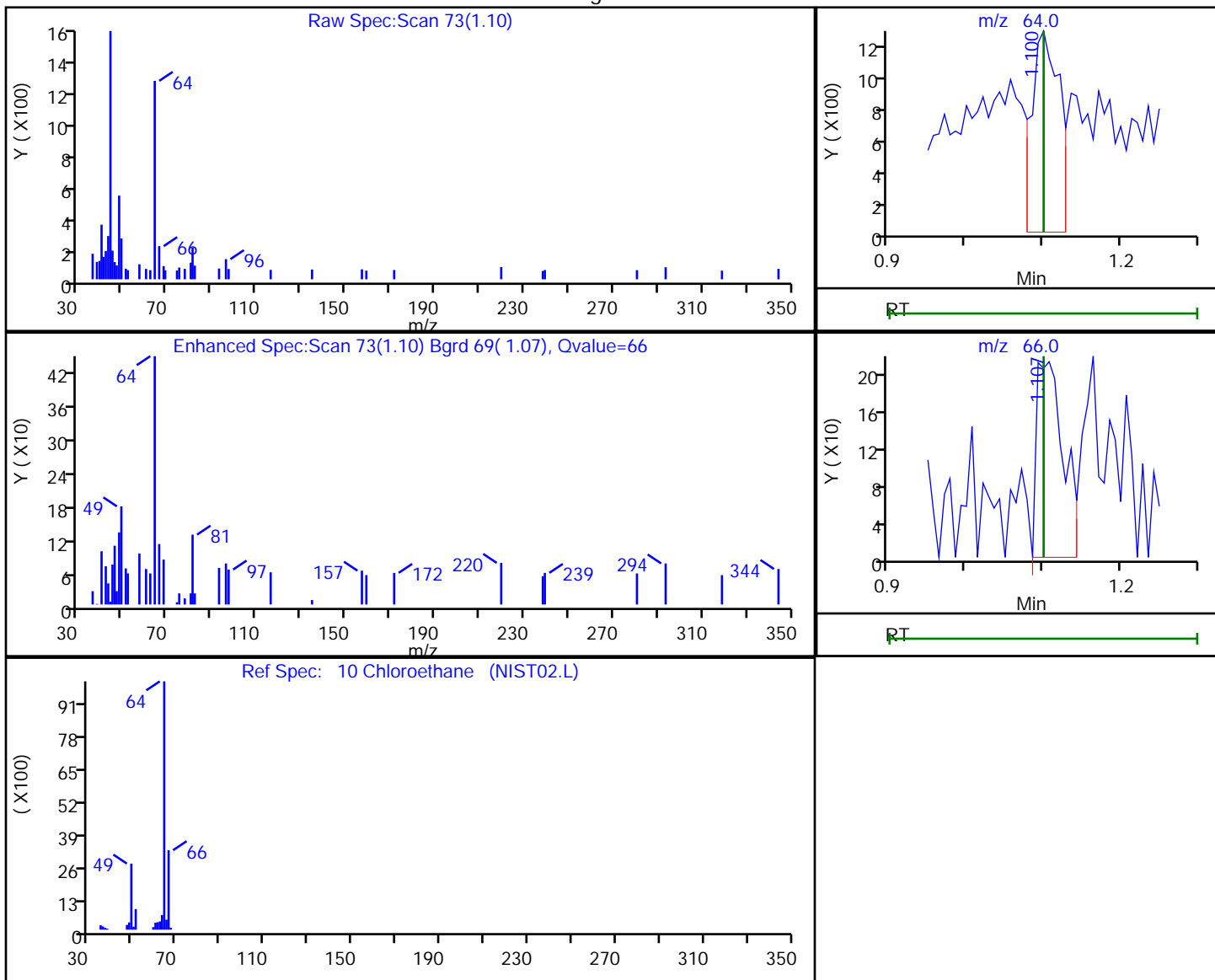
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.10	64.00	3162	0.816683
1.11	66.00	515	

Reviewer: baronm, 09-Jul-2020 10:04:00

Audit Action: Marked Compound Undetected

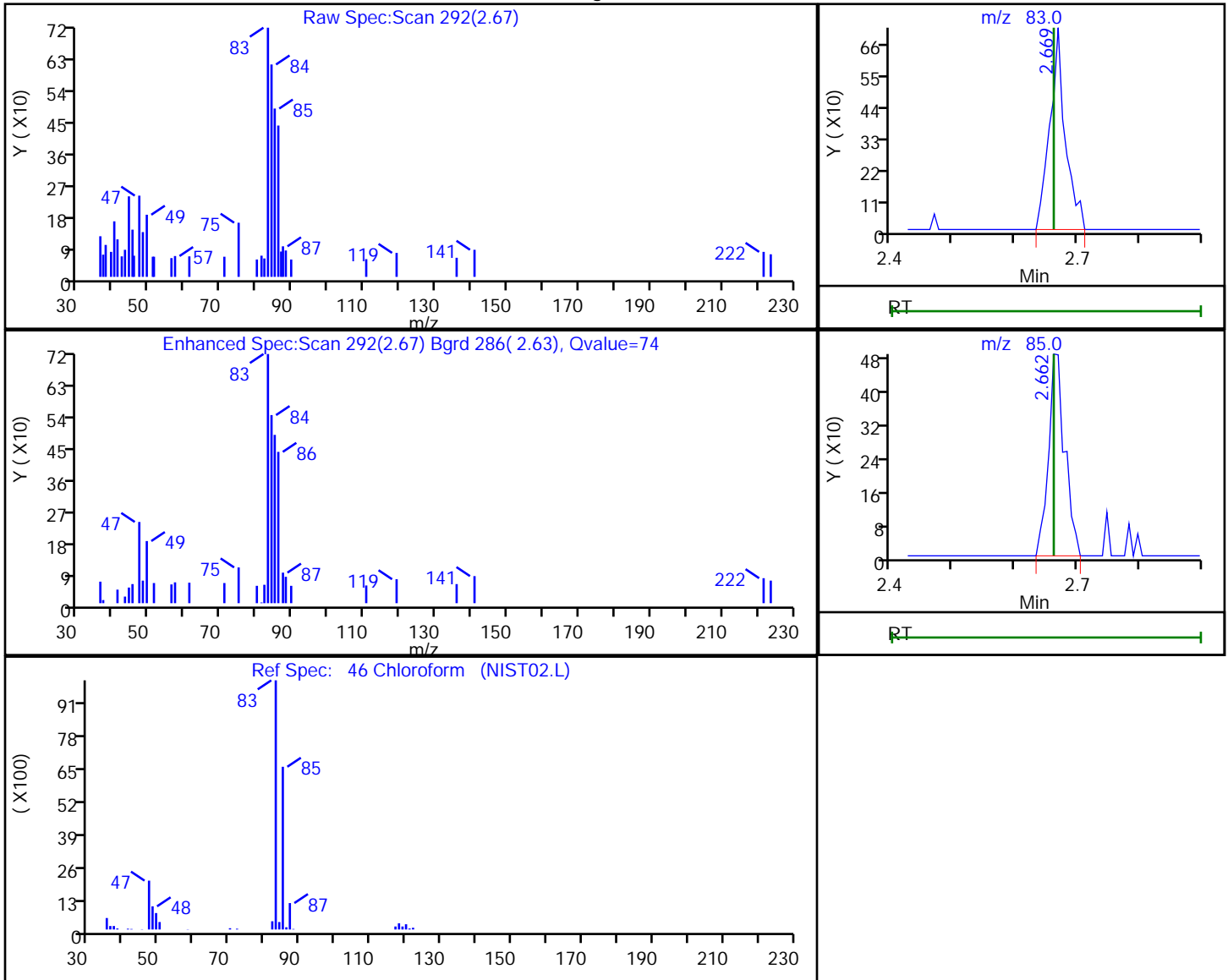
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

46 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
2.67	83.00	1244	0.249400
2.66	85.00	891	

Reviewer: baronm, 09-Jul-2020 10:06:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

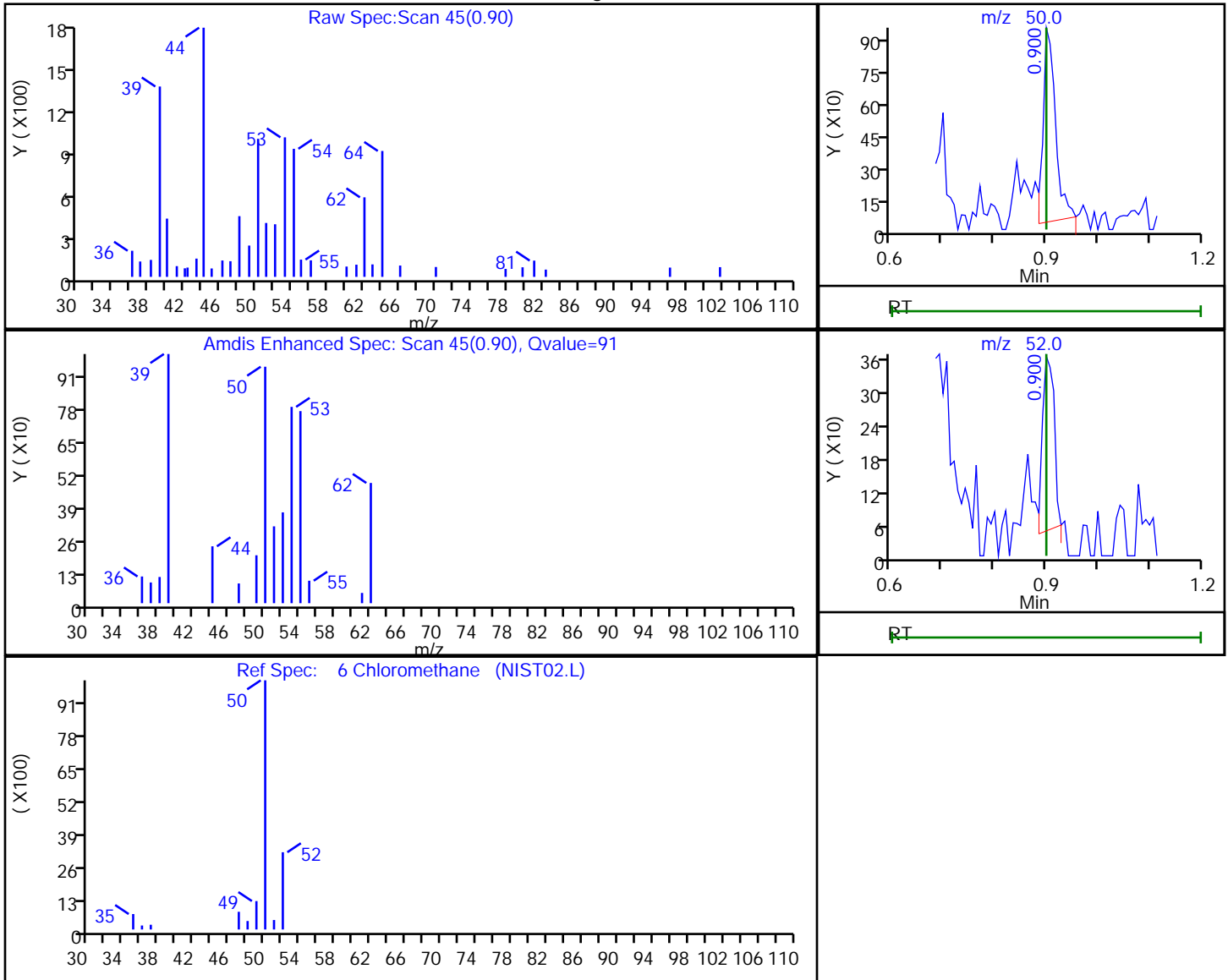
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.90	50.00	1523	0.284805
0.90	52.00	497	

Reviewer: baronm, 09-Jul-2020 10:03:54

Audit Action: Marked Compound Undetected

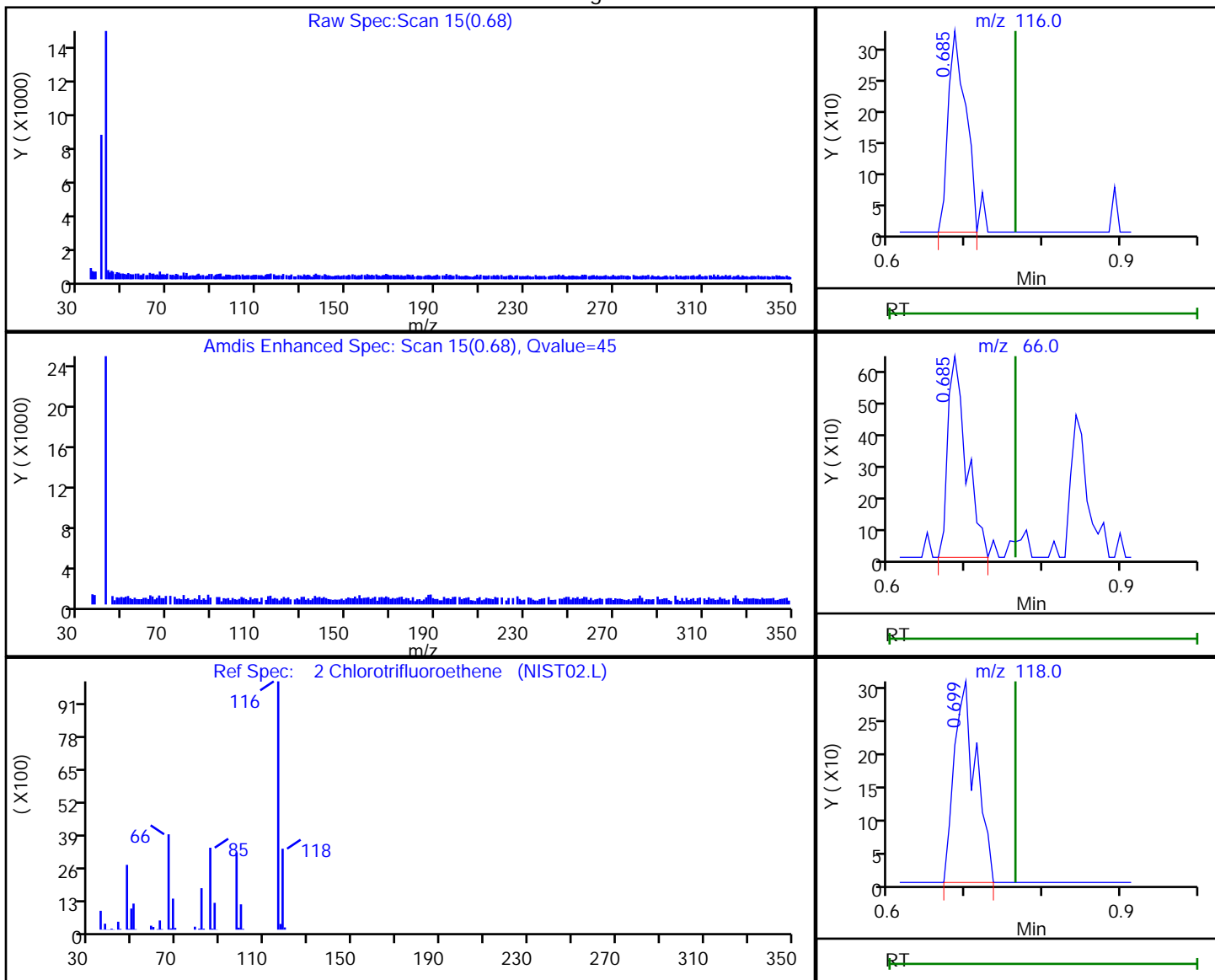
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

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 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.68	116.00	522	0.651684
0.68	66.00	1091	
0.70	118.00	609	

Reviewer: baronm, 09-Jul-2020 10:03:51

Audit Action: Marked Compound Undetected

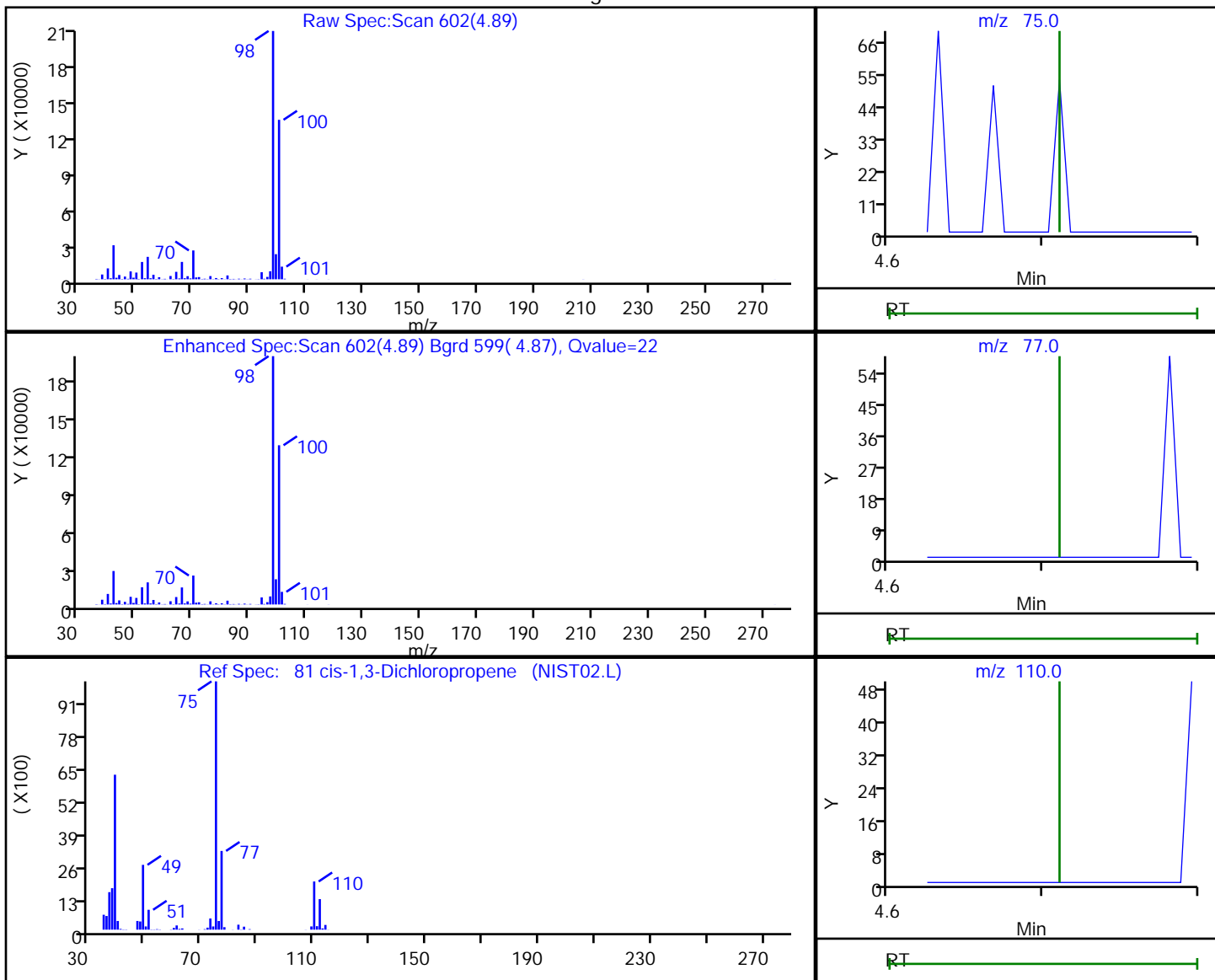
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
4.89	75.00	180	0.038732
4.90	77.00	437	
4.90	110.00	108	

Reviewer: baronm, 09-Jul-2020 10:06:40

Audit Action: Marked Compound Undetected

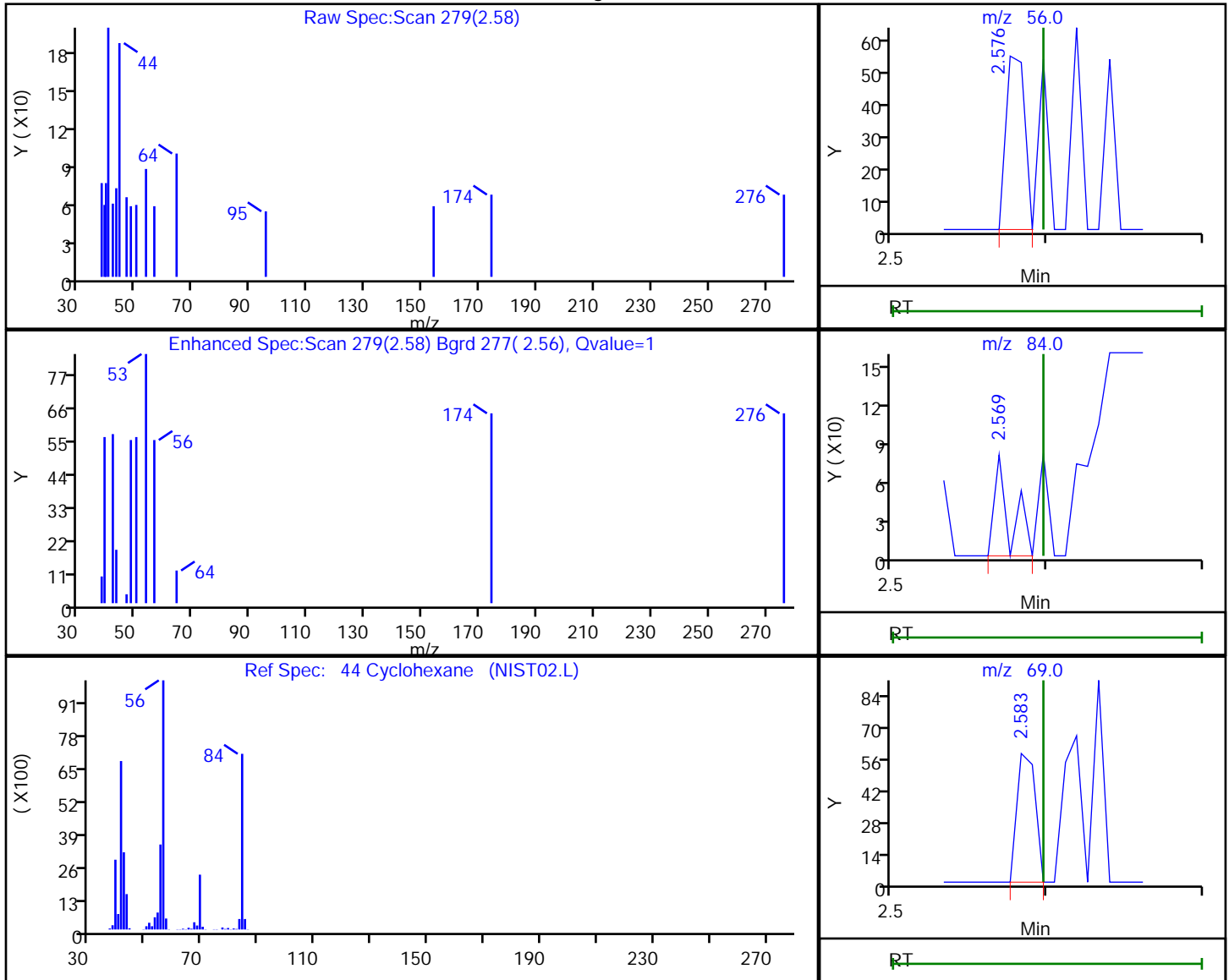
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

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 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

44 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
2.58	56.00	46	0.010364
2.57	84.00	56	
2.58	69.00	48	

Reviewer: baronm, 09-Jul-2020 10:06:08

Audit Action: Marked Compound Undetected

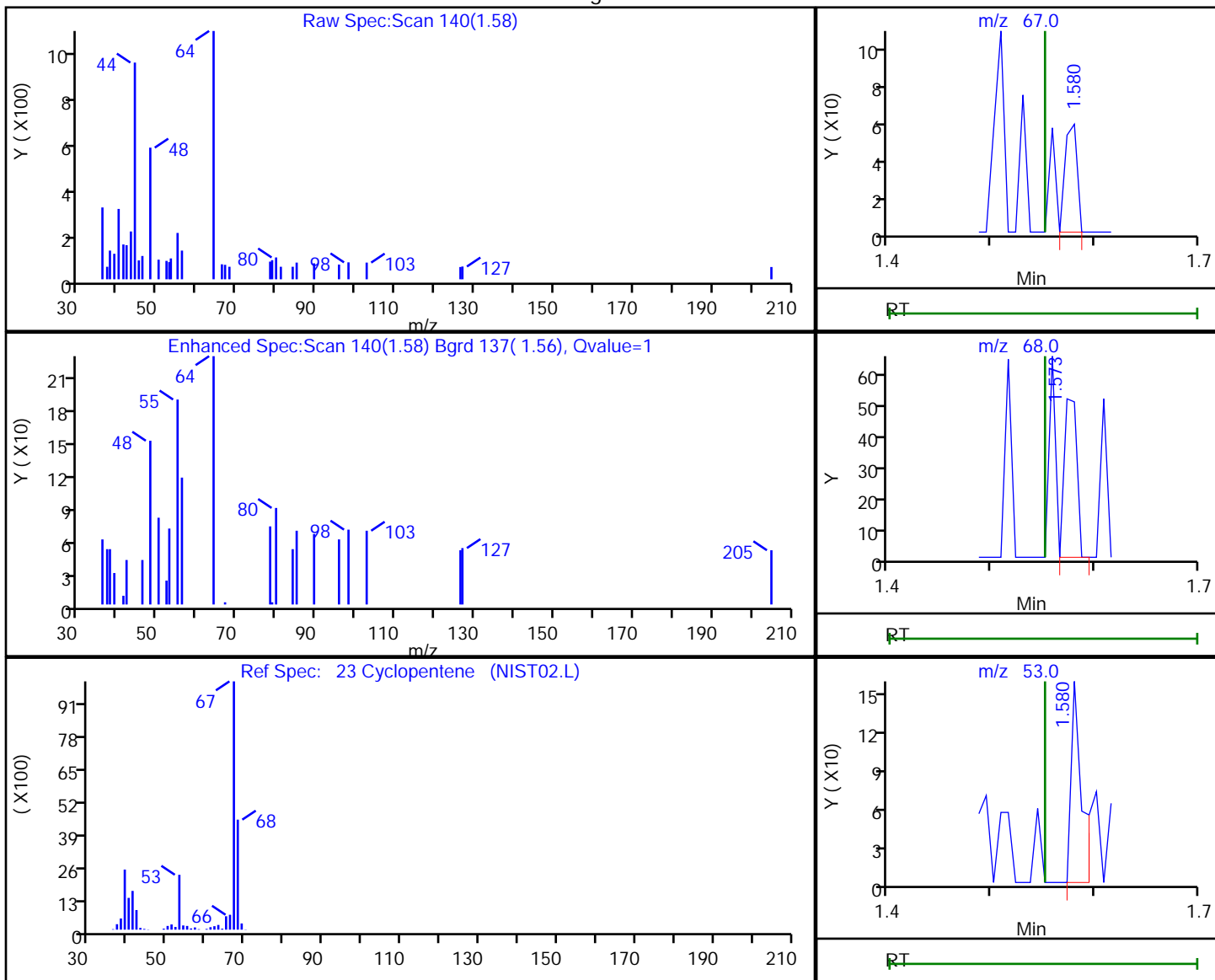
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Eurofins TestAmerica, Edison

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 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

23 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
1.58	67.00	48	0.005897
1.57	68.00	44	
1.58	53.00	113	

Reviewer: baronm, 09-Jul-2020 10:04:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

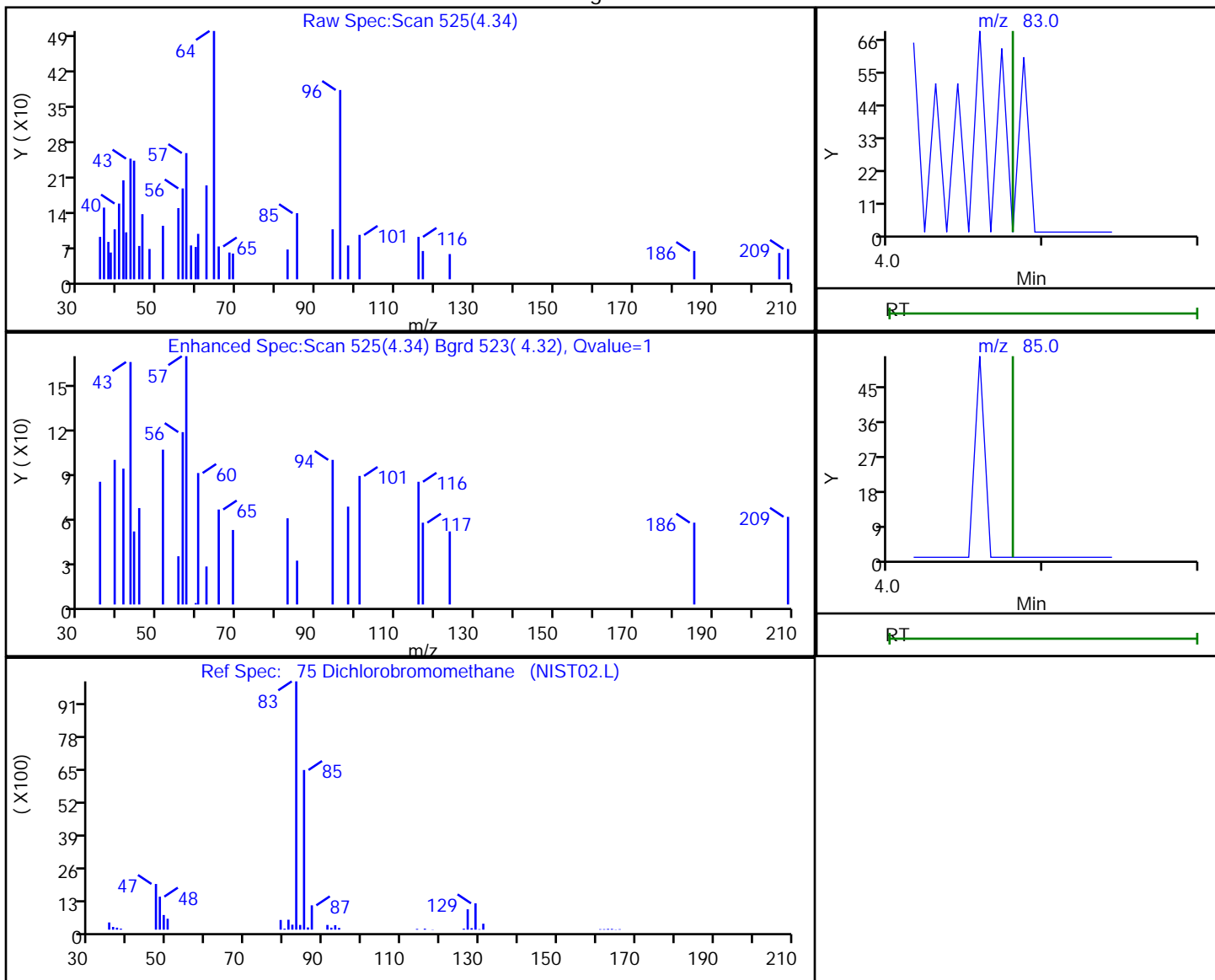
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.34	83.00	48	0.014092
4.35	85.00	479	

Reviewer: baronm, 09-Jul-2020 10:06:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

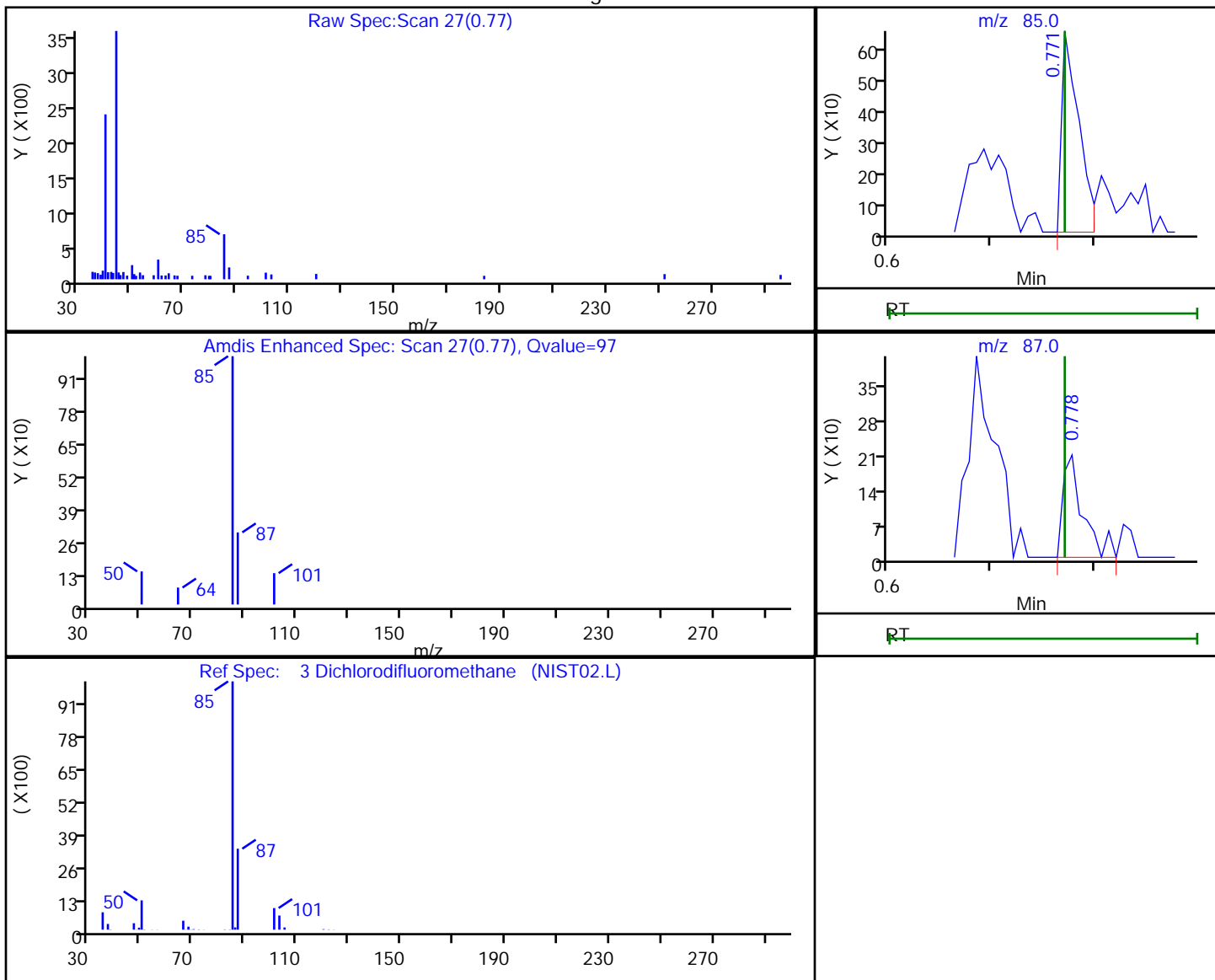
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.77	85.00	762	0.190486
0.78	87.00	275	

Reviewer: baronm, 09-Jul-2020 10:03:49

Audit Action: Marked Compound Undetected

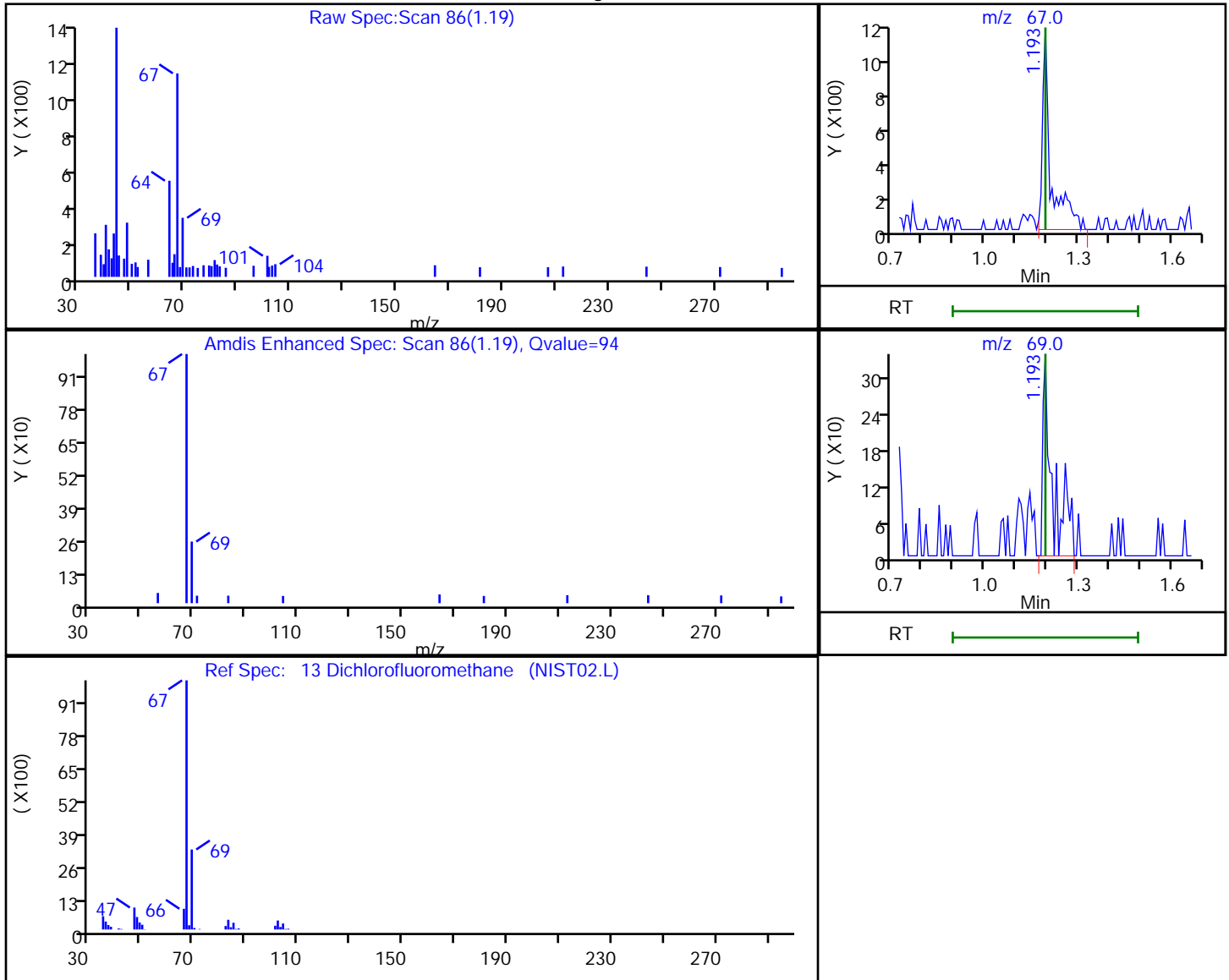
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

13 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.19	67.00	2148	0.326814
1.19	69.00	724	

Reviewer: baronm, 09-Jul-2020 10:04:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

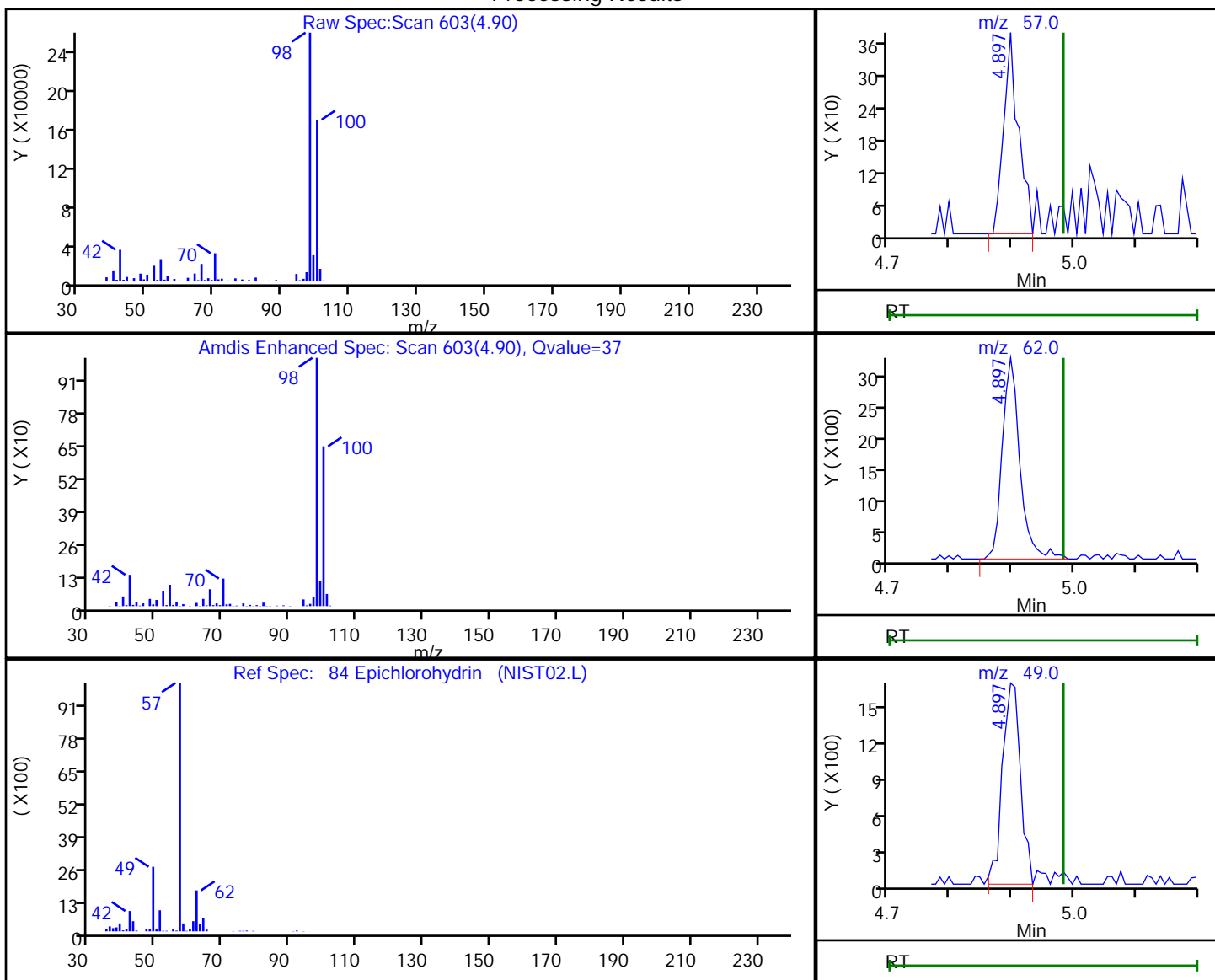
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
4.90	57.00	636	4.558809
4.90	62.00	6467	
4.90	49.00	3317	

Reviewer: baronm, 09-Jul-2020 20:09:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

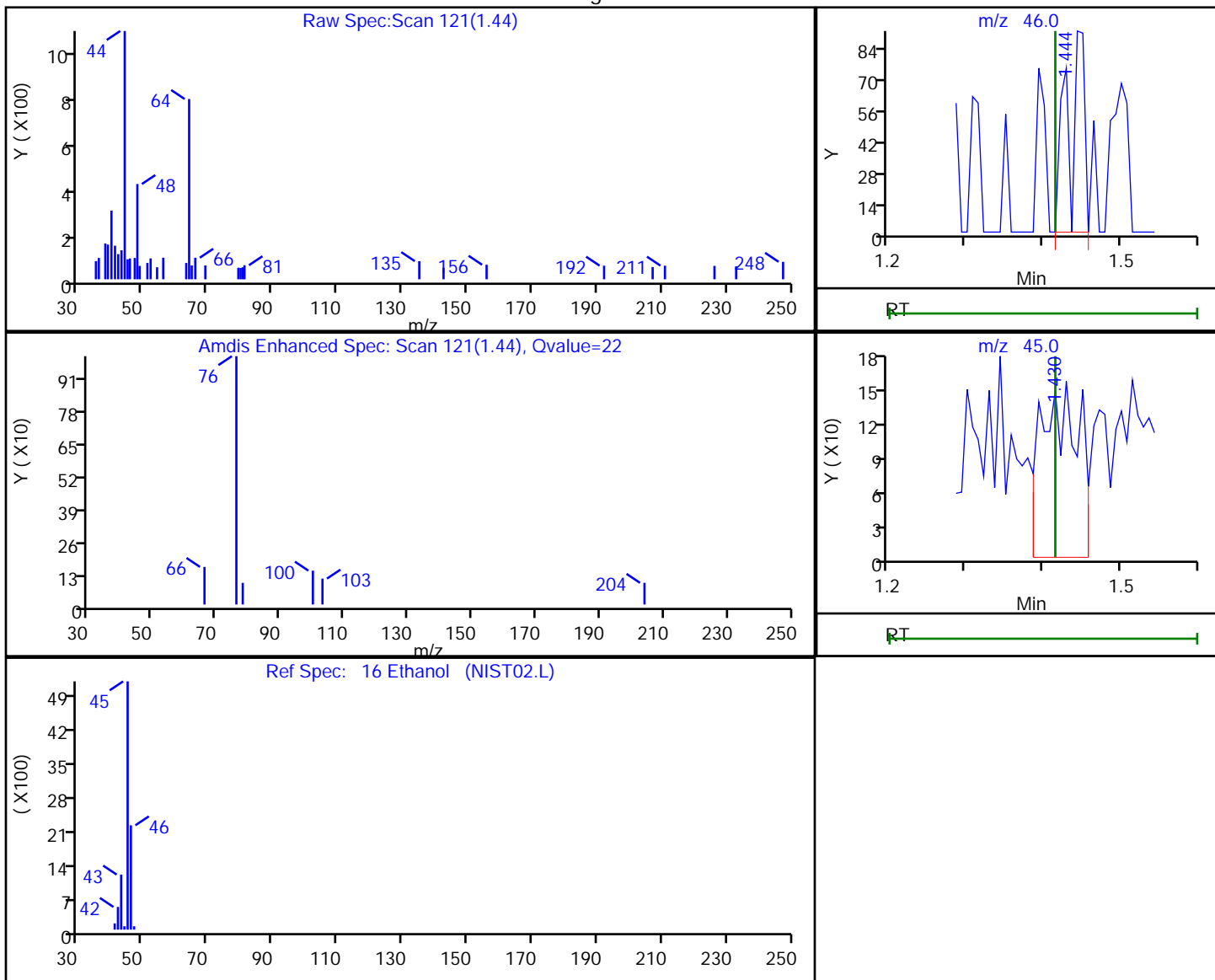
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

16 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
1.44	46.00	137	9.953077
1.43	45.00	521	

Reviewer: baronm, 09-Jul-2020 10:04:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

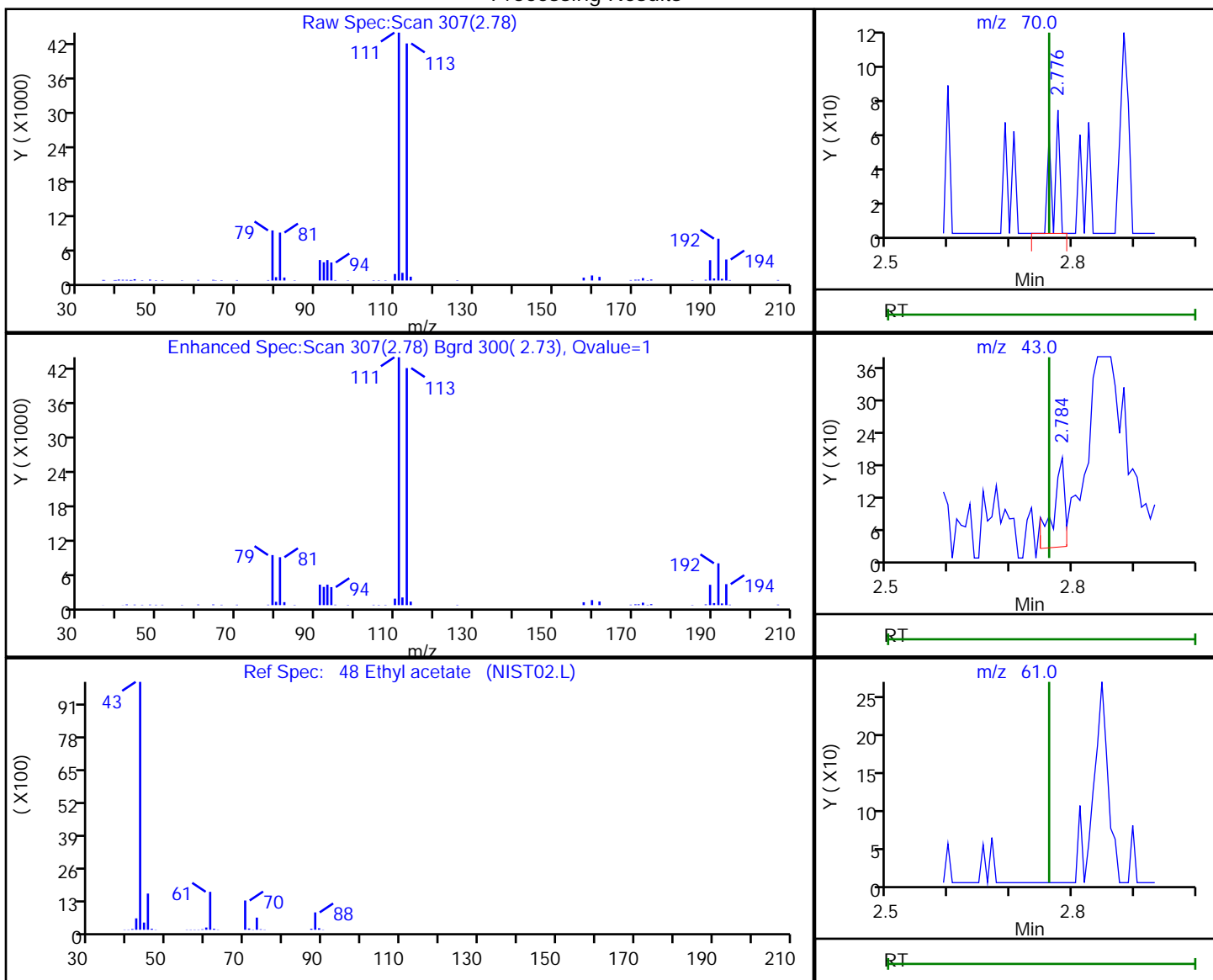
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
2.78	70.00	54	0.561564
2.78	43.00	229	
2.85	61.00	0	

Reviewer: baronm, 09-Jul-2020 10:06:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

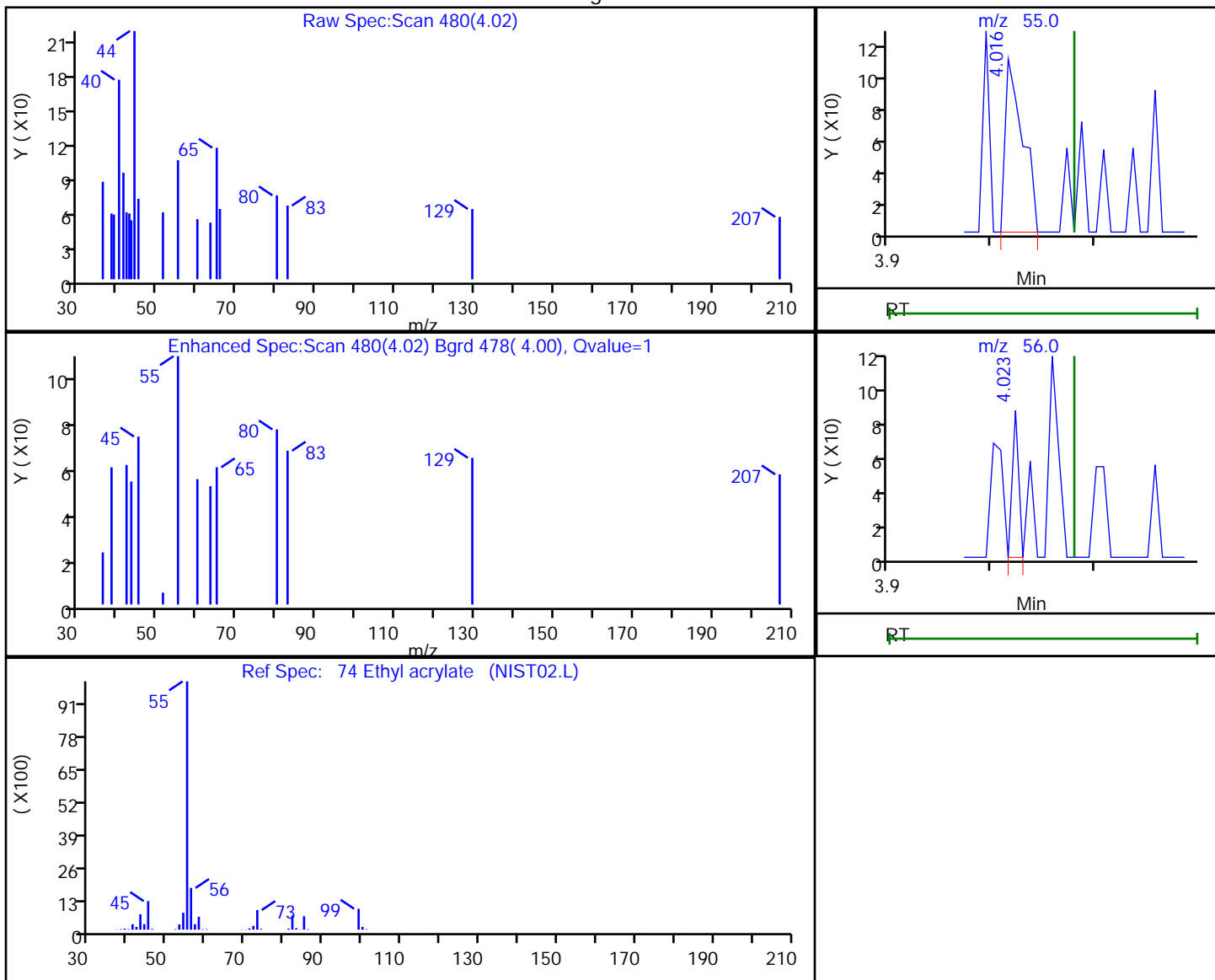
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.02	55.00	124	1.032948
4.02	56.00	35	

Reviewer: baronm, 09-Jul-2020 10:06:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

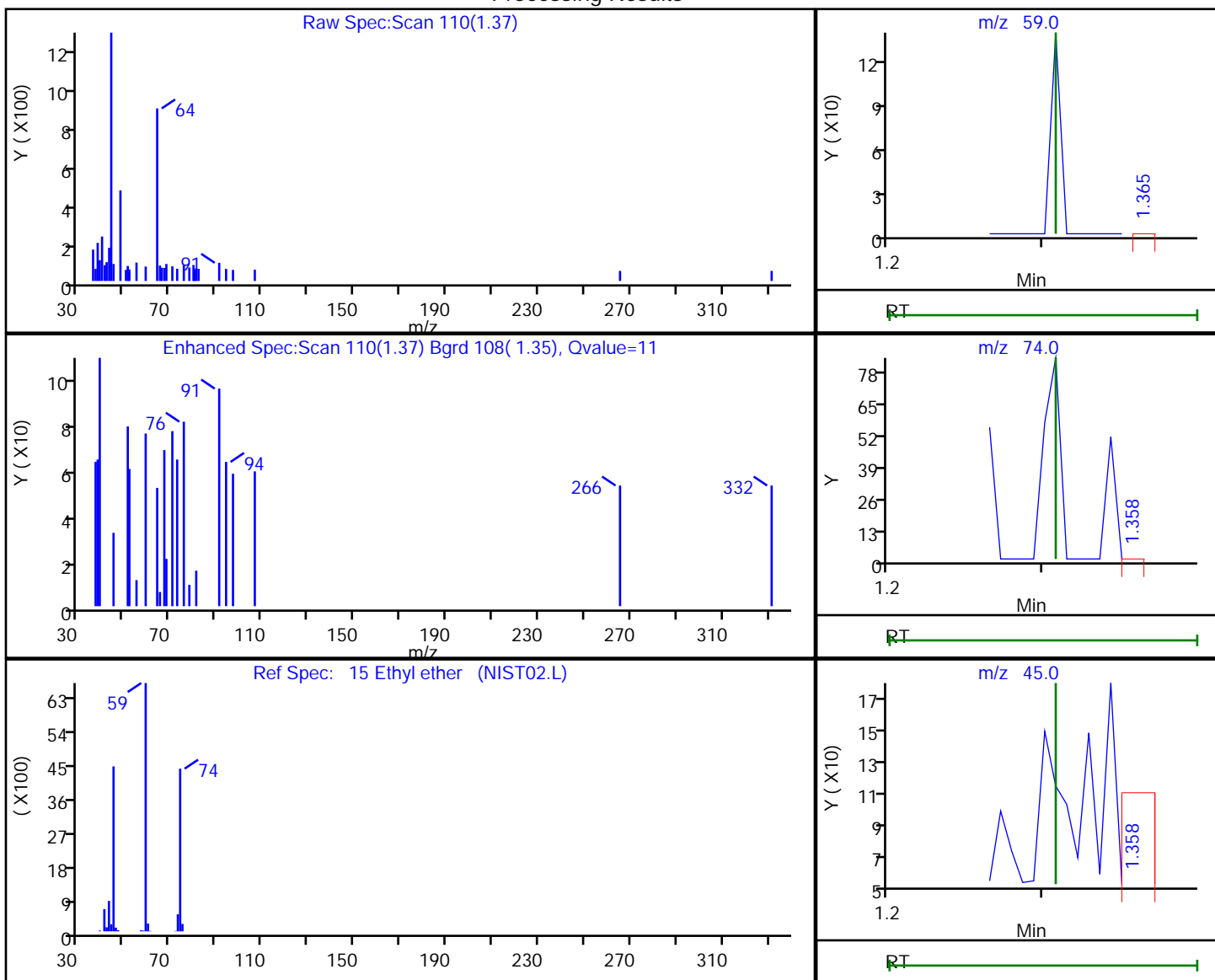
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

15 Ethyl ether, CAS: 60-29-7

Processing Results



RT	Mass	Response	Amount
1.37	59.00	31	0.011058
1.36	74.00	25	
1.36	45.00	141	

Reviewer: baronm, 09-Jul-2020 10:04:07

Audit Action: Marked Compound Undetected

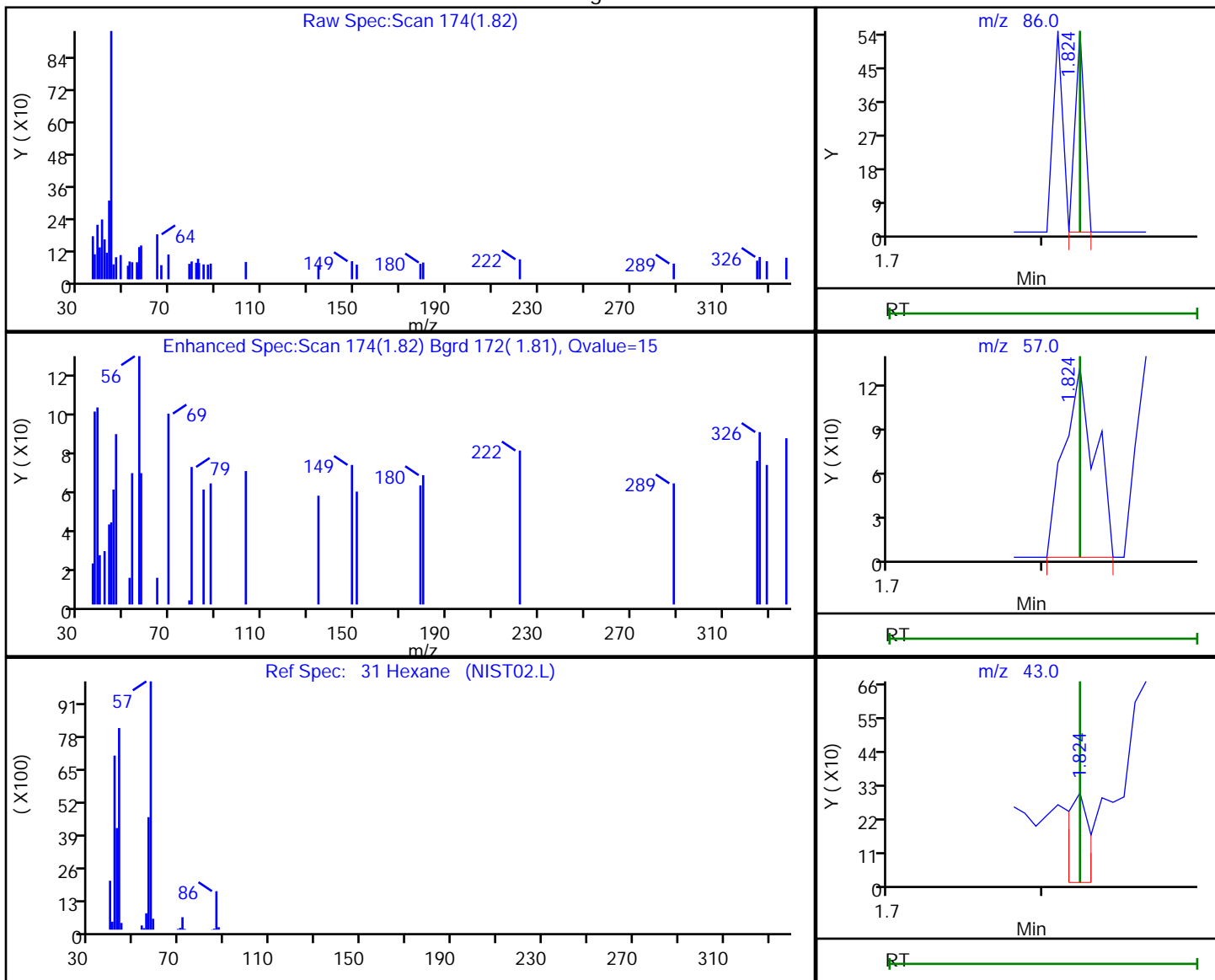
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

31 Hexane, CAS: 110-54-3

Processing Results



RT	Mass	Response	Amount
1.82	86.00	24	0.031980
1.82	57.00	178	
1.82	43.00	296	
1.82	56.00	101	

Reviewer: baronm, 09-Jul-2020 10:04:45

Audit Action: Marked Compound Undetected

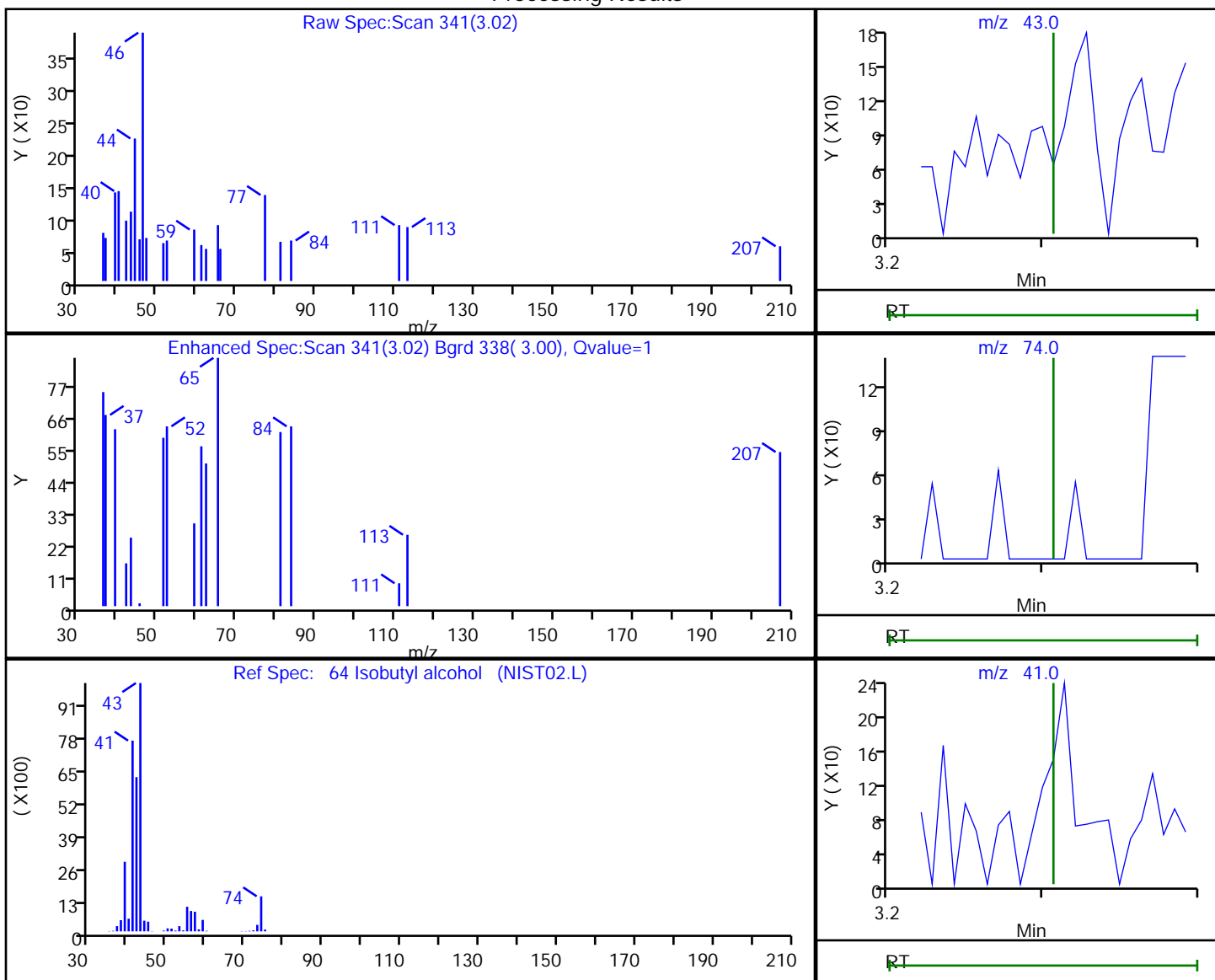
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Processing Results



RT	Mass	Response	Amount
3.02	43.00	90	1.476731
3.01	74.00	29	
3.01	41.00	101	
3.02	39.00	147	

Reviewer: baronm, 09-Jul-2020 10:06:28

Audit Action: Marked Compound Undetected

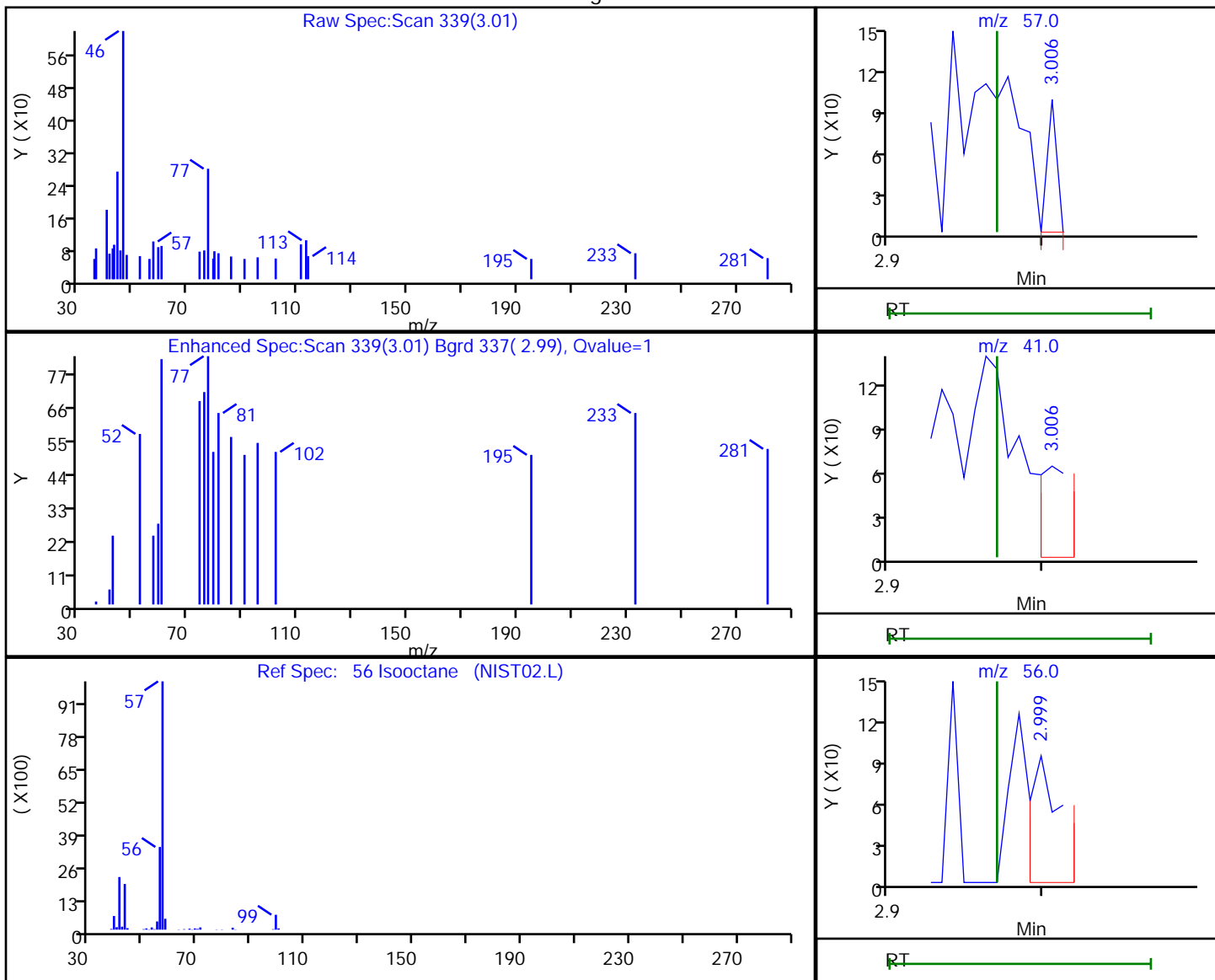
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
3.01	57.00	40	0.006103
3.01	41.00	76	
3.00	56.00	109	

Reviewer: baronm, 09-Jul-2020 10:06:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

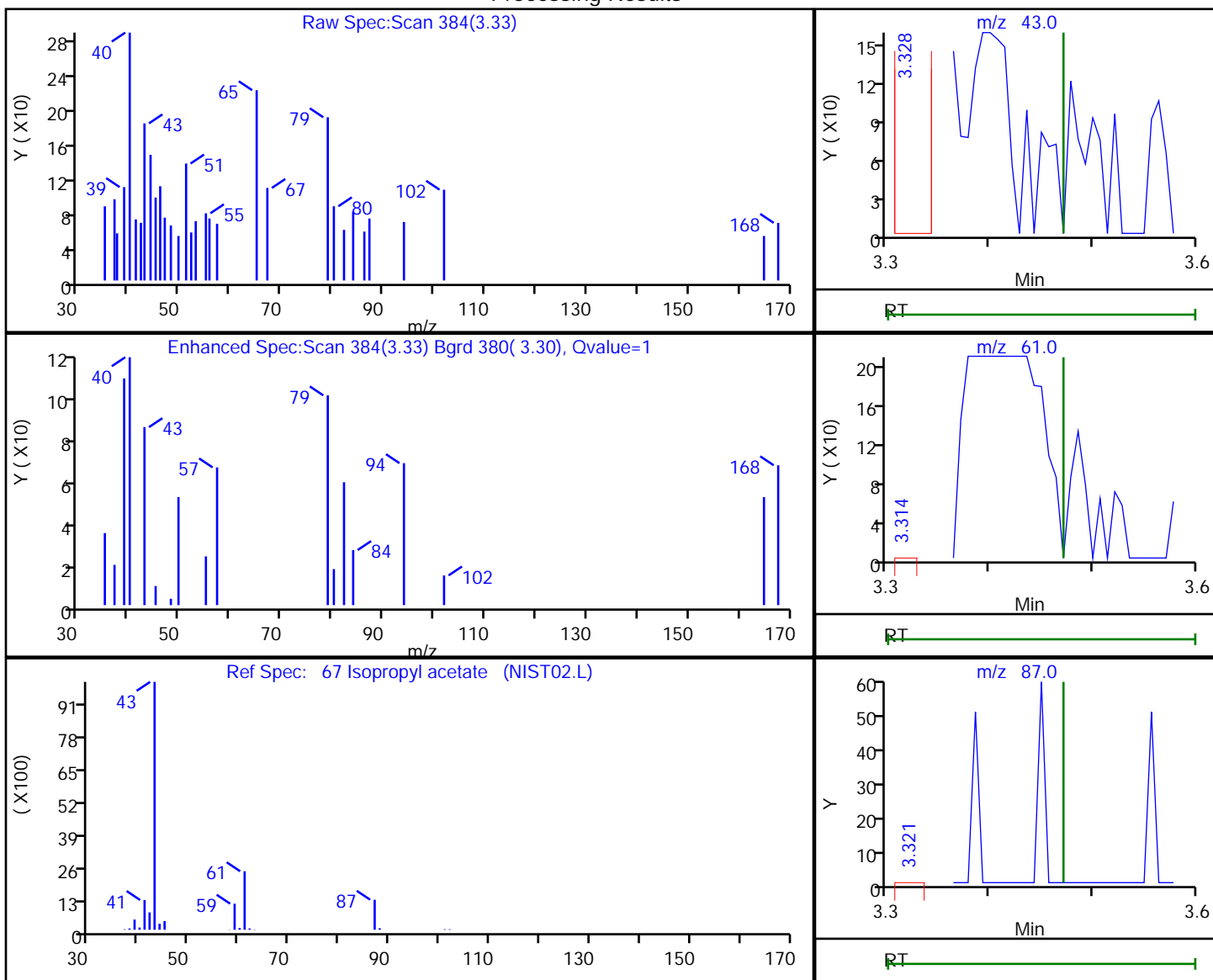
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

67 Isopropyl acetate, CAS: 108-21-4

Processing Results



RT	Mass	Response	Amount
3.33	43.00	243	0.057022
3.31	61.00	84	
3.32	87.00	153	

Reviewer: baronm, 09-Jul-2020 10:06:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

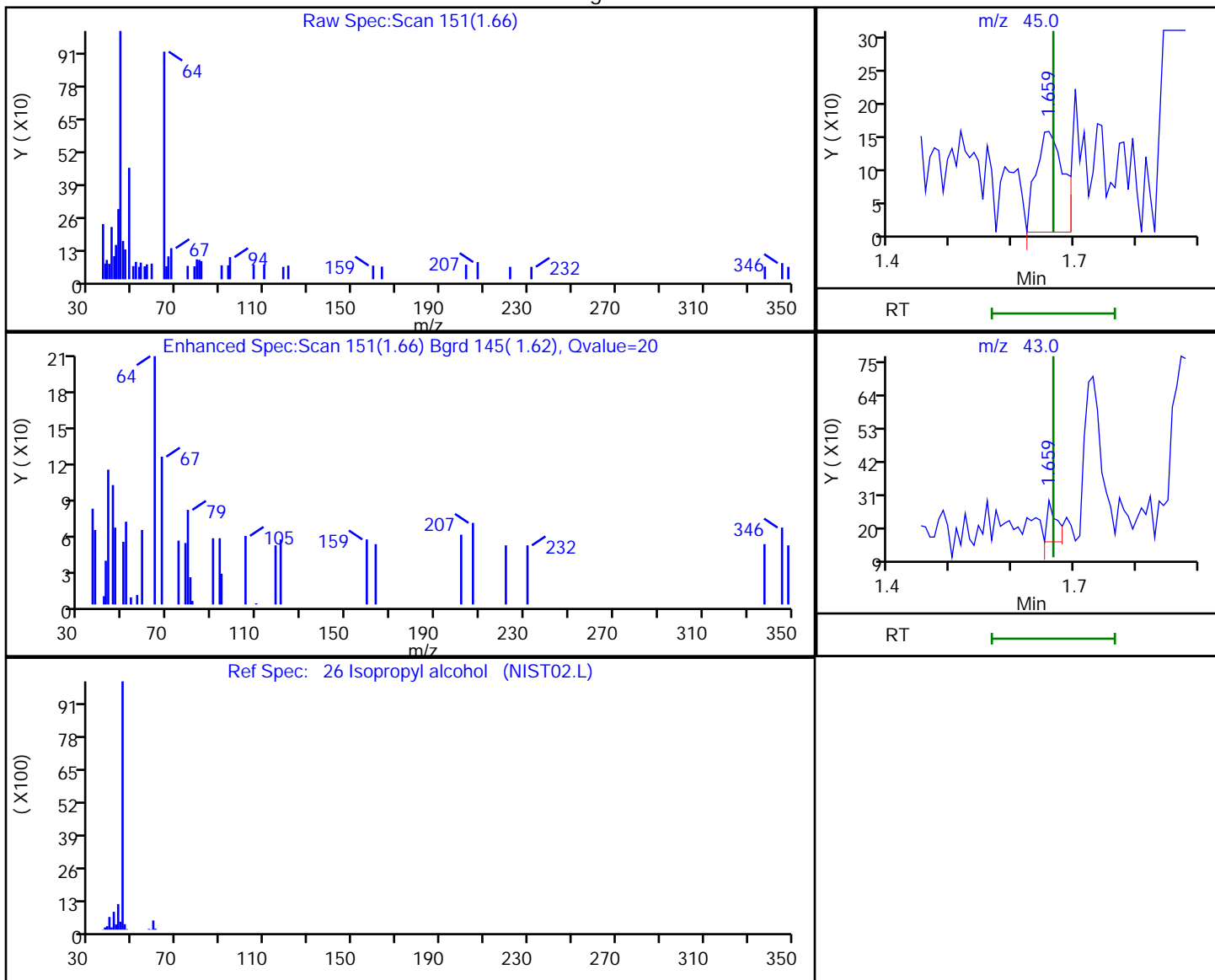
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.66	45.00	477	2.977872
1.66	43.00	147	

Reviewer: baronm, 09-Jul-2020 10:04:32

Audit Action: Marked Compound Undetected

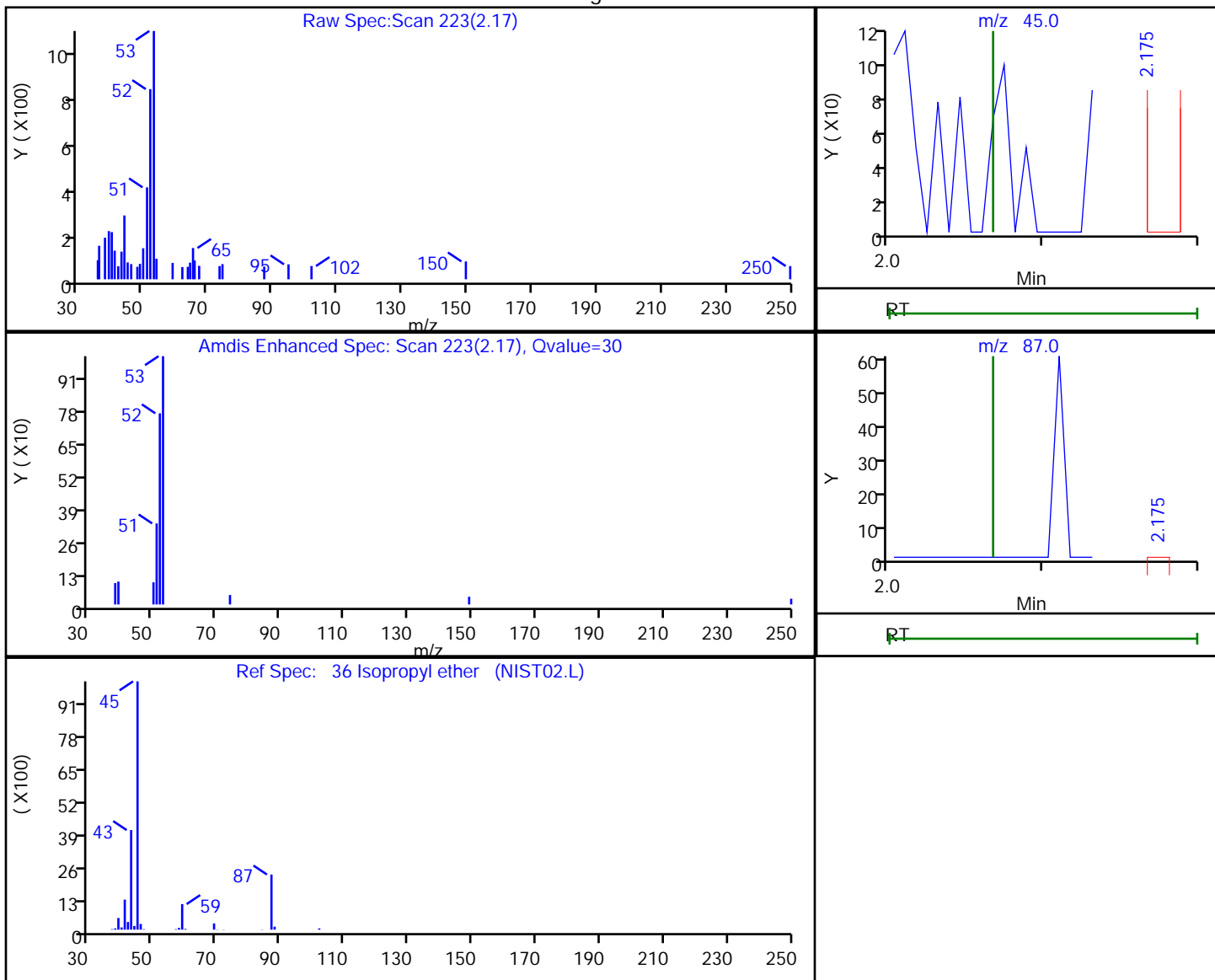
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

36 Isopropyl ether, CAS: 108-20-3

Processing Results



RT	Mass	Response	Amount
2.17	45.00	59	0.006635
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

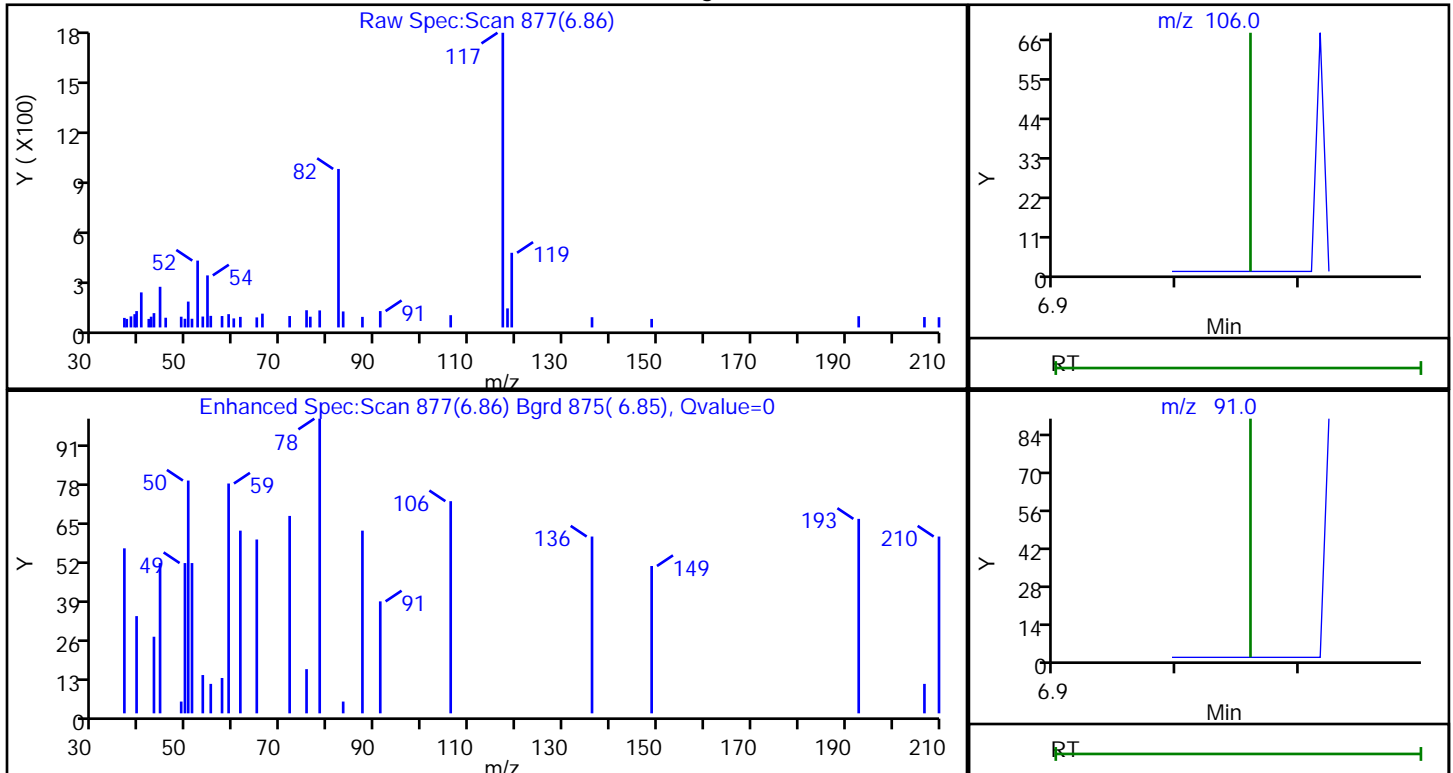
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

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

Processing Results



RT	Mass	Response	Amount
6.86	106.00	55	0.010374
6.85	91.00	221	

Reviewer: baronm, 09-Jul-2020 10:07:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

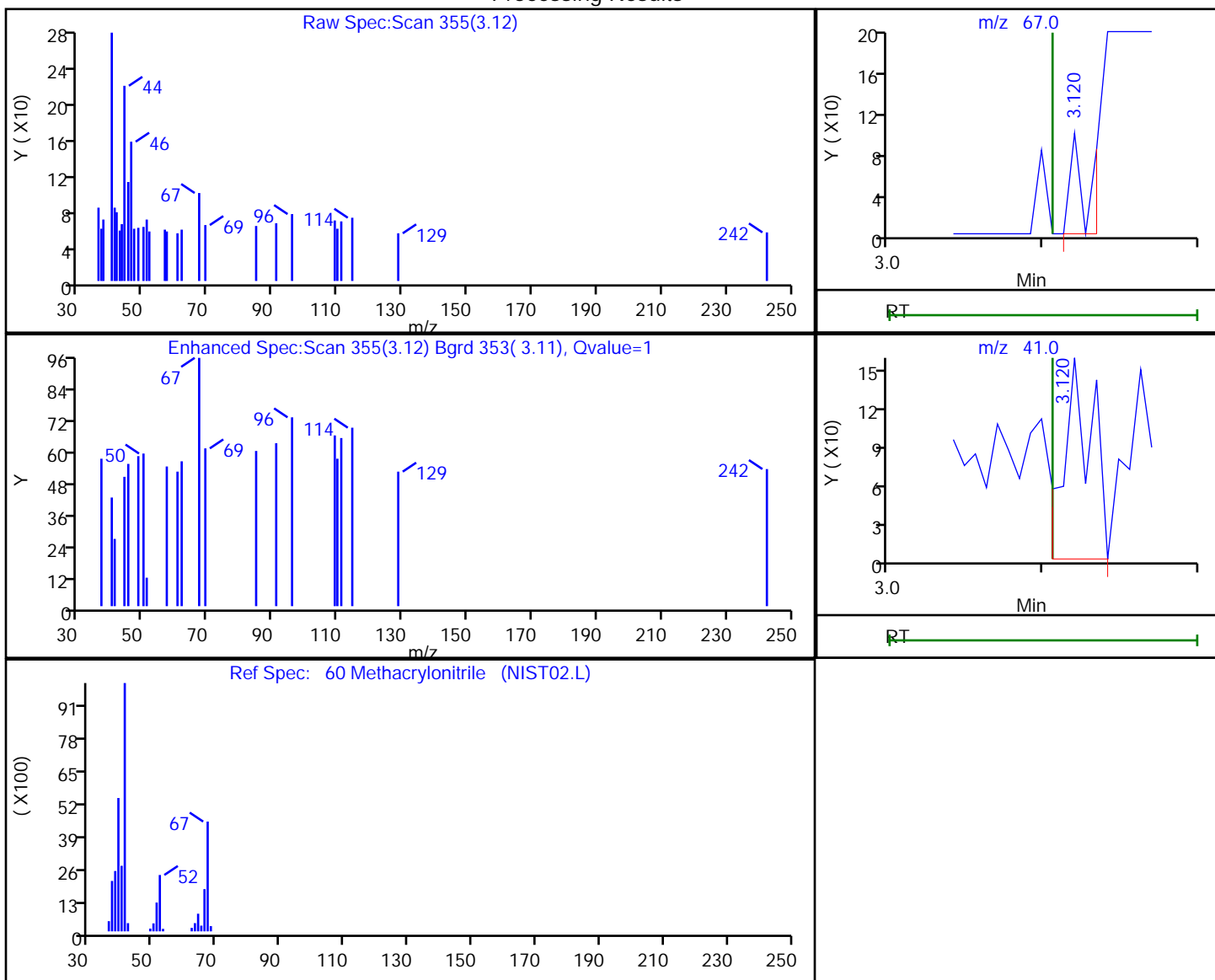
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

60 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
3.12	67.00	76	0.077953
3.12	41.00	198	

Reviewer: baronm, 09-Jul-2020 10:06:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\176752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

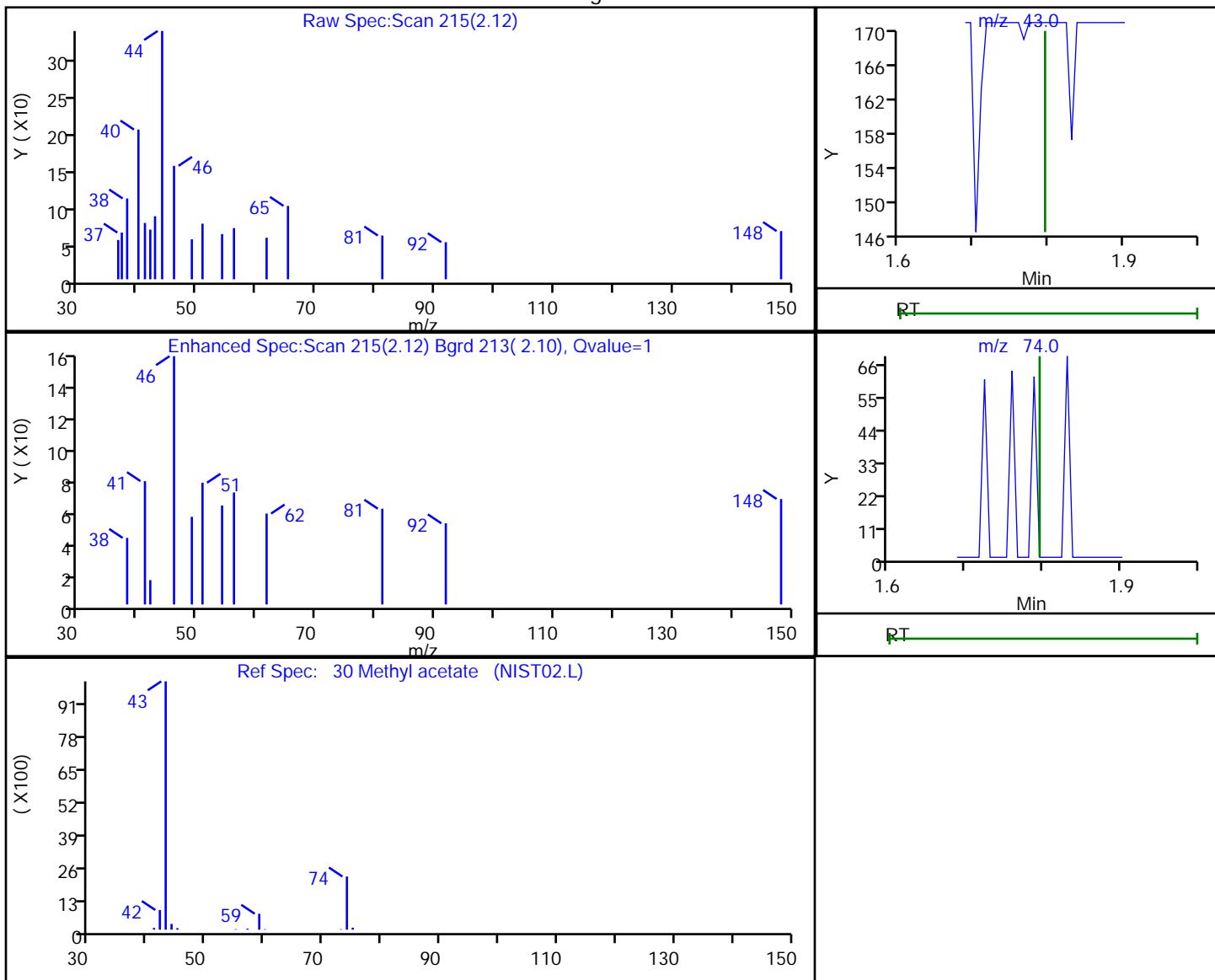
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

30 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.12	43.00	121	0.072450
2.13	74.00	45	

Reviewer: baronm, 09-Jul-2020 10:04:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

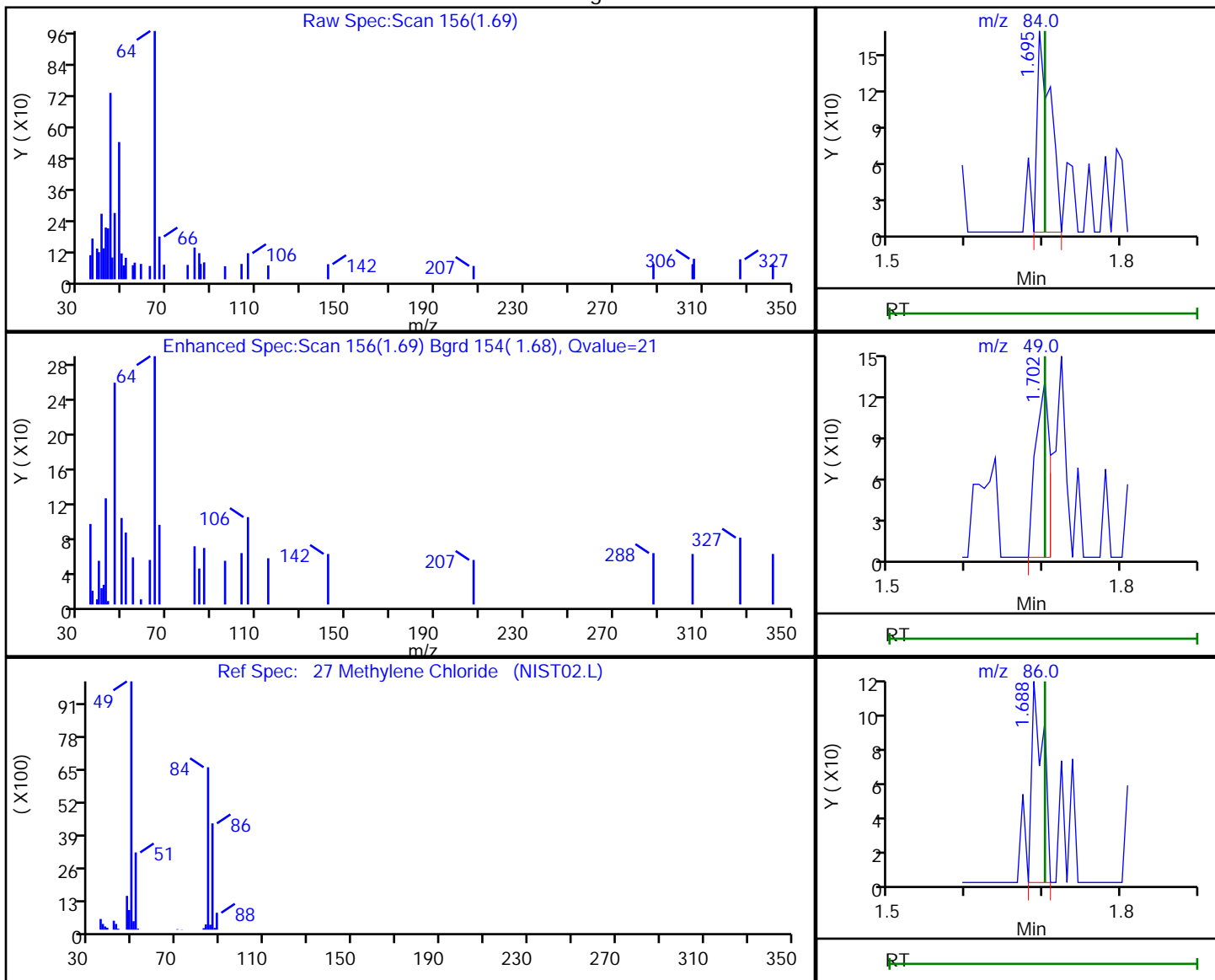
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Processing Results



RT	Mass	Response	Amount
1.69	84.00	194	0.055765
1.70	49.00	162	
1.69	86.00	116	

Reviewer: baronm, 09-Jul-2020 10:04:40

Audit Action: Marked Compound Undetected

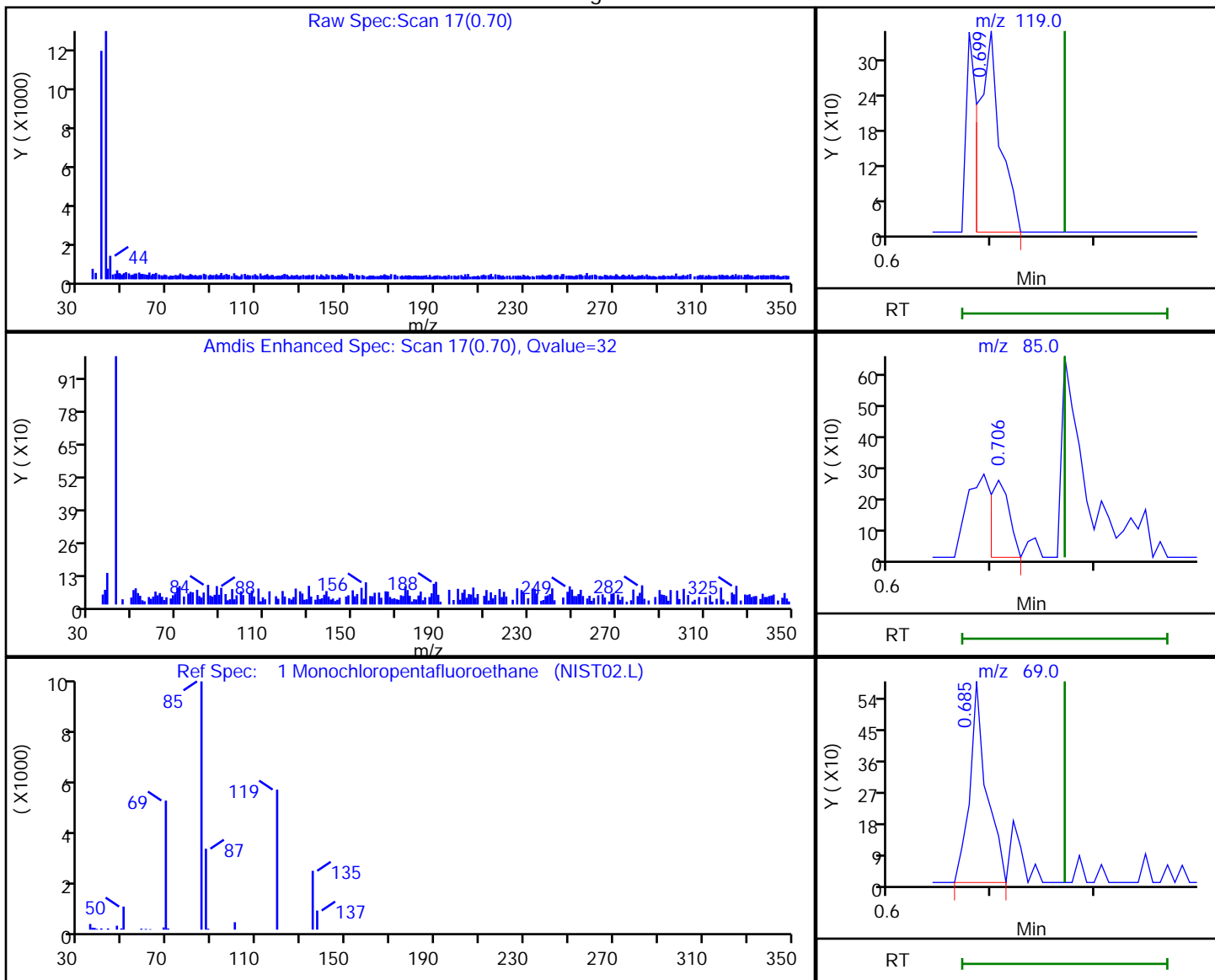
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.70	119.00	487	6.415670
0.71	85.00	318	
0.68	69.00	661	
0.70	135.00	207	

Reviewer: baronm, 09-Jul-2020 10:03:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

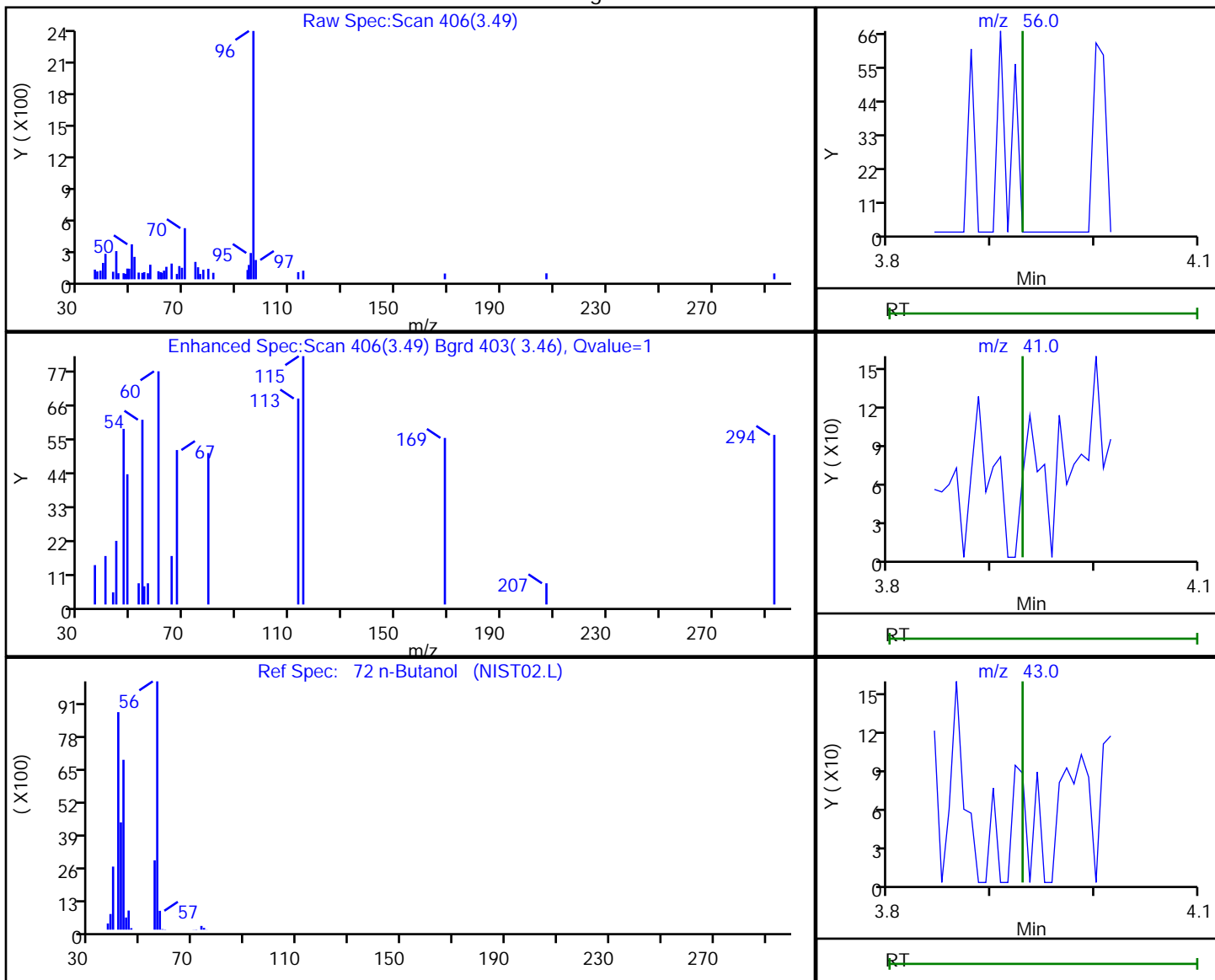
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.49	56.00	48	0.904631
3.49	41.00	211	
3.50	43.00	172	

Reviewer: baronm, 09-Jul-2020 10:06:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

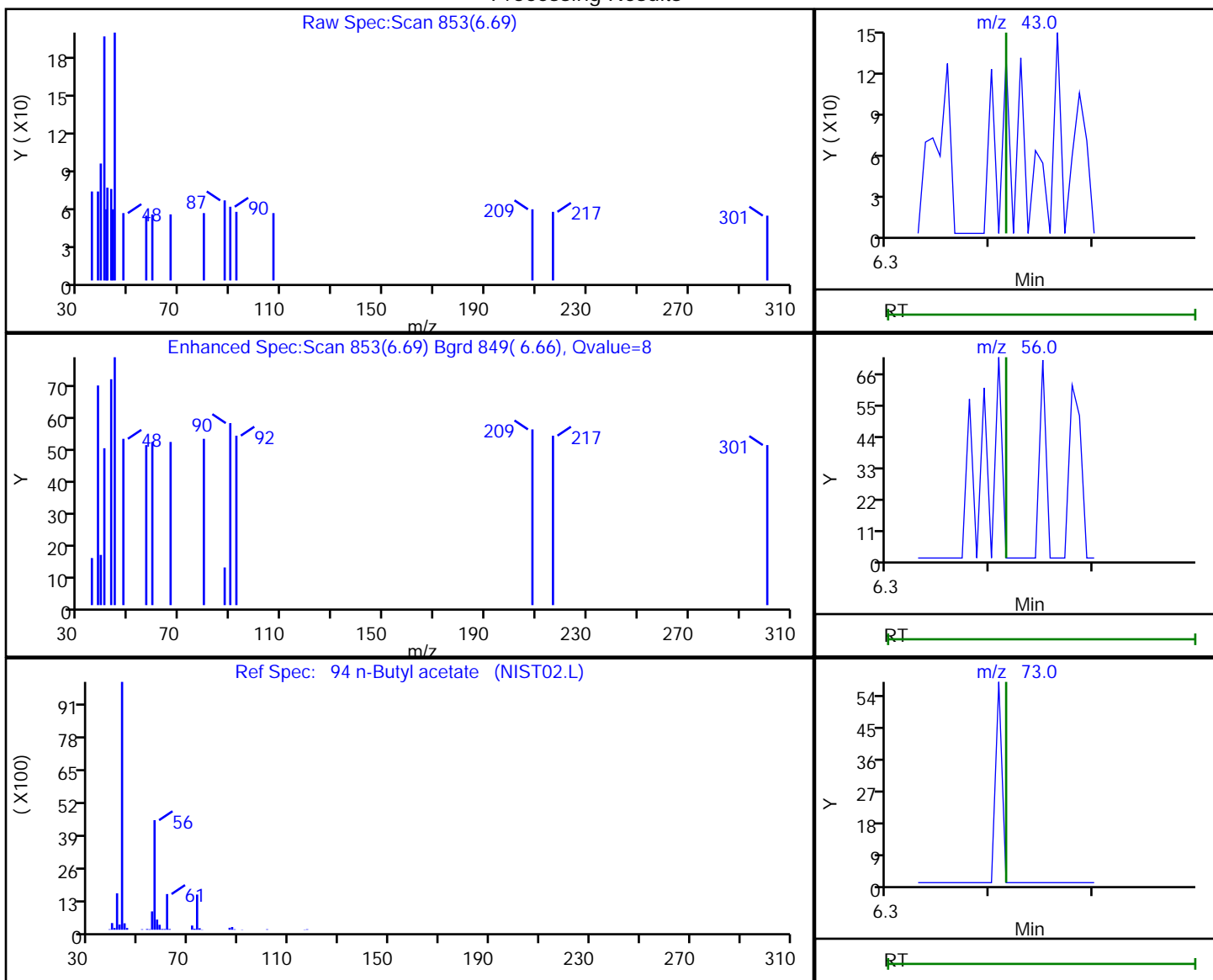
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

94 n-Butyl acetate, CAS: 123-86-4

Processing Results



RT	Mass	Response	Amount
6.69	43.00	101	0.029538
6.69	56.00	22	
6.67	73.00	21	

Reviewer: baronm, 09-Jul-2020 10:07:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

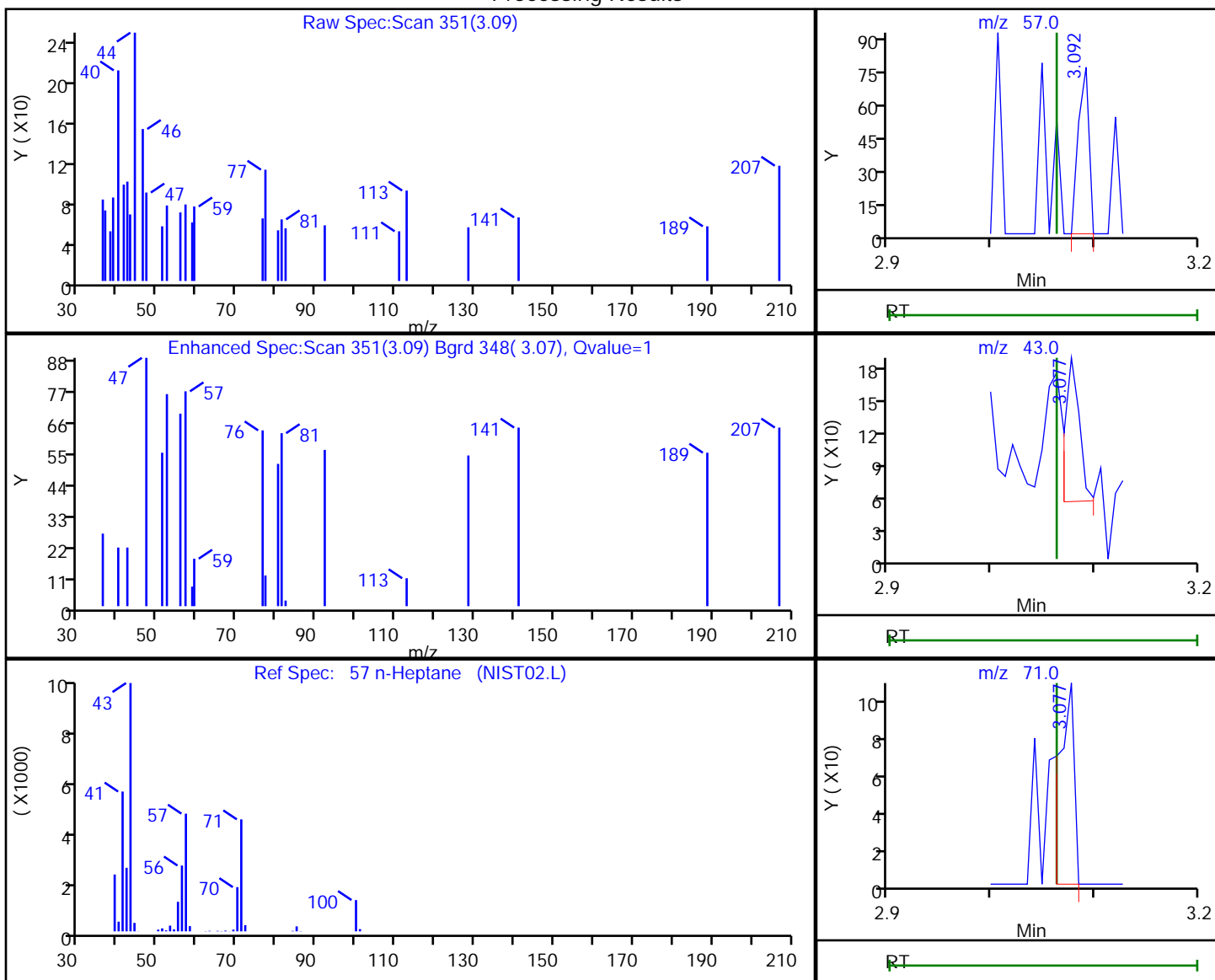
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.09	57.00	55	0.034247
3.08	43.00	129	
3.08	71.00	101	

Reviewer: baronm, 09-Jul-2020 10:06:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

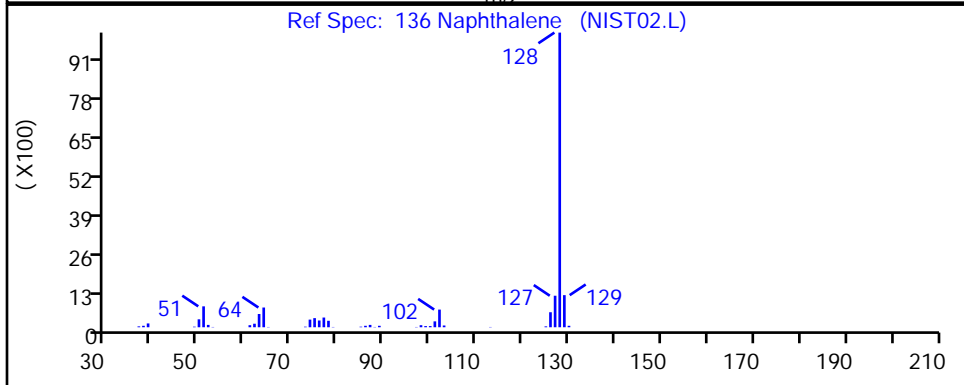
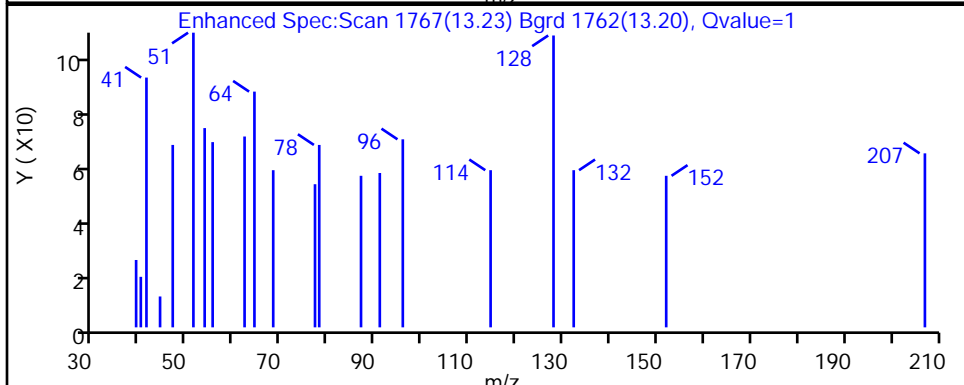
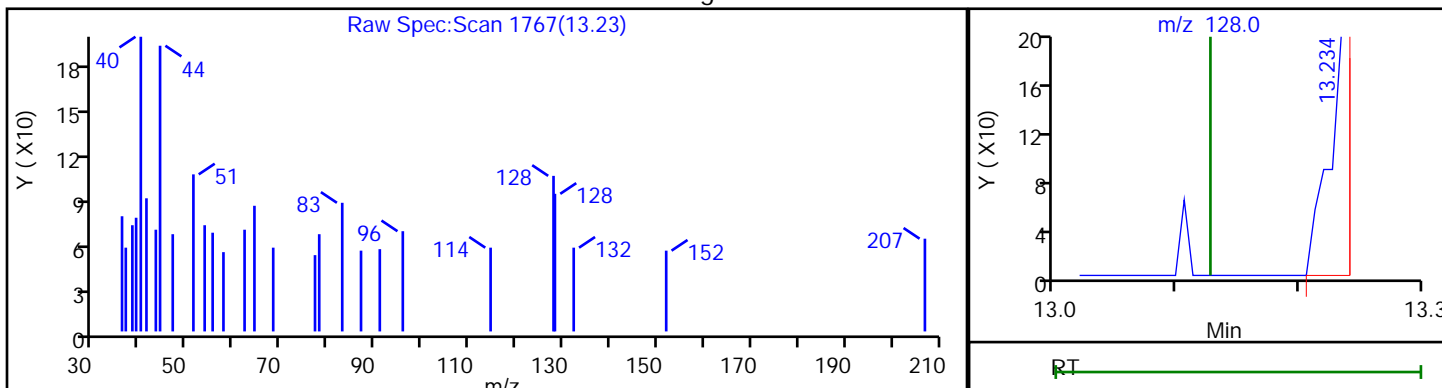
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.23	128.00	219	0.024851

Reviewer: baronm, 09-Jul-2020 10:07:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

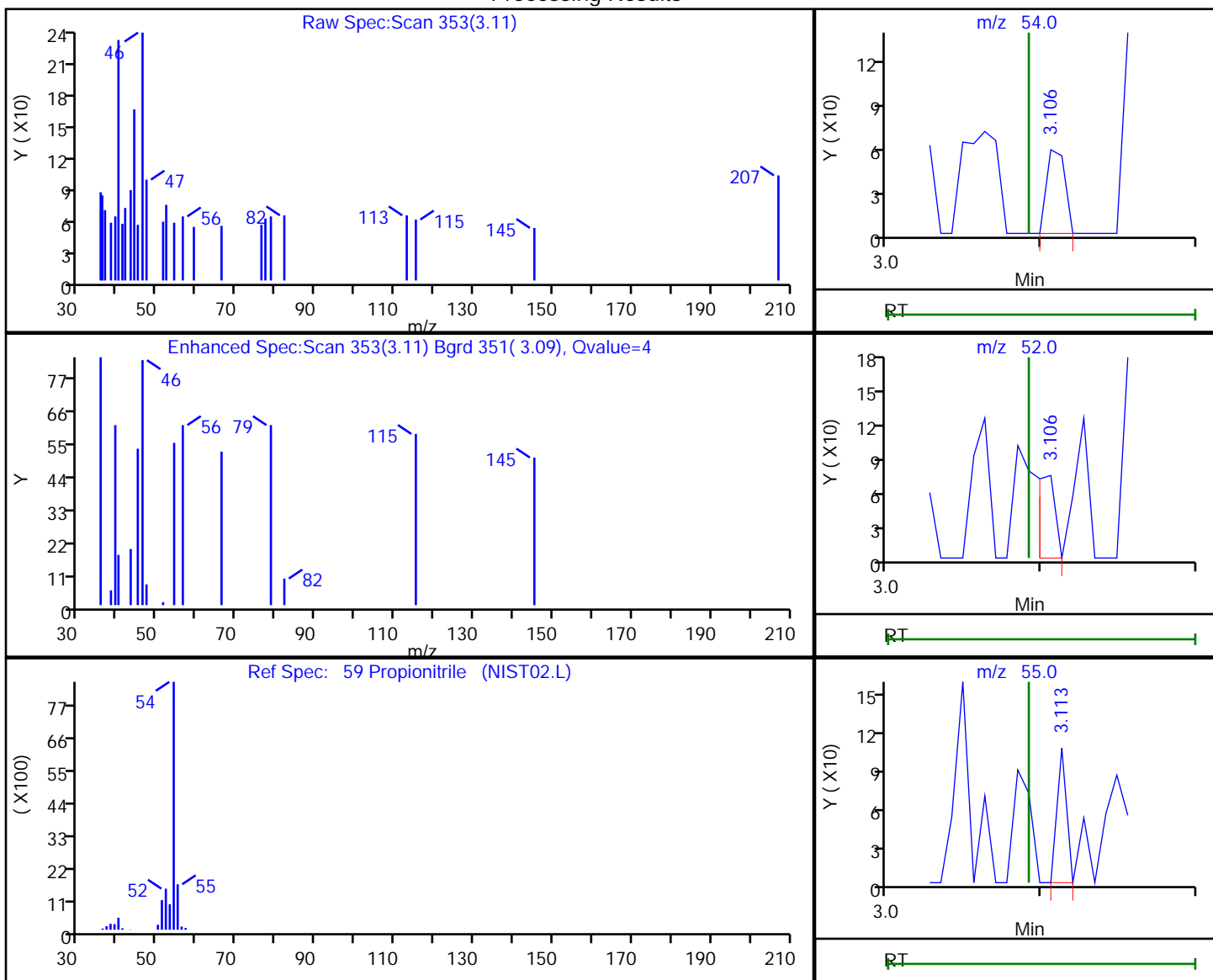
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.11	54.00	46	0.141486
3.11	52.00	61	
3.11	55.00	45	

Reviewer: baronm, 09-Jul-2020 10:06:24

Audit Action: Marked Compound Undetected

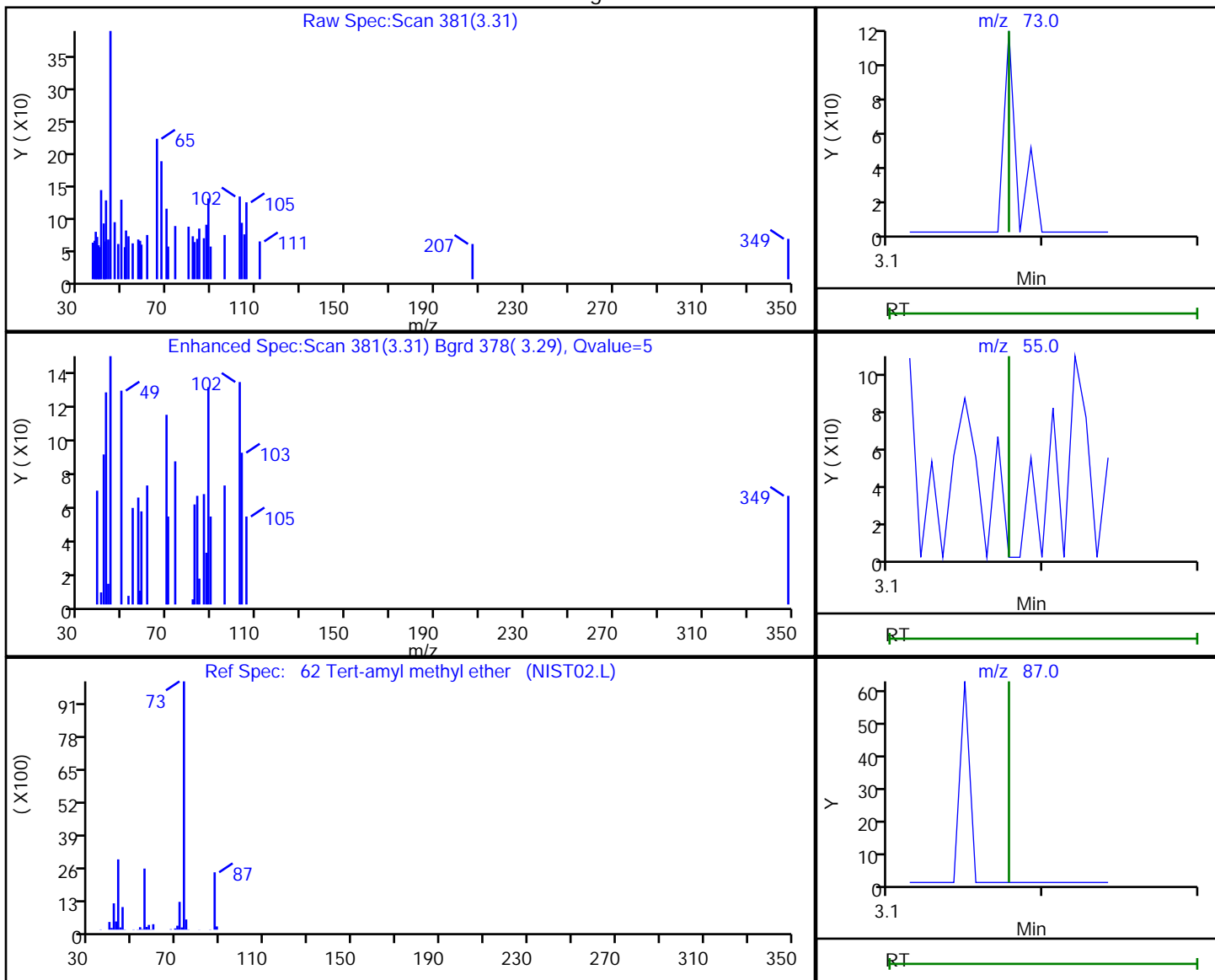
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results



RT	Mass	Response	Amount
3.31	73.00	60	0.008791
3.29	55.00	53	
3.30	87.00	218	

Reviewer: baronm, 09-Jul-2020 10:06:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

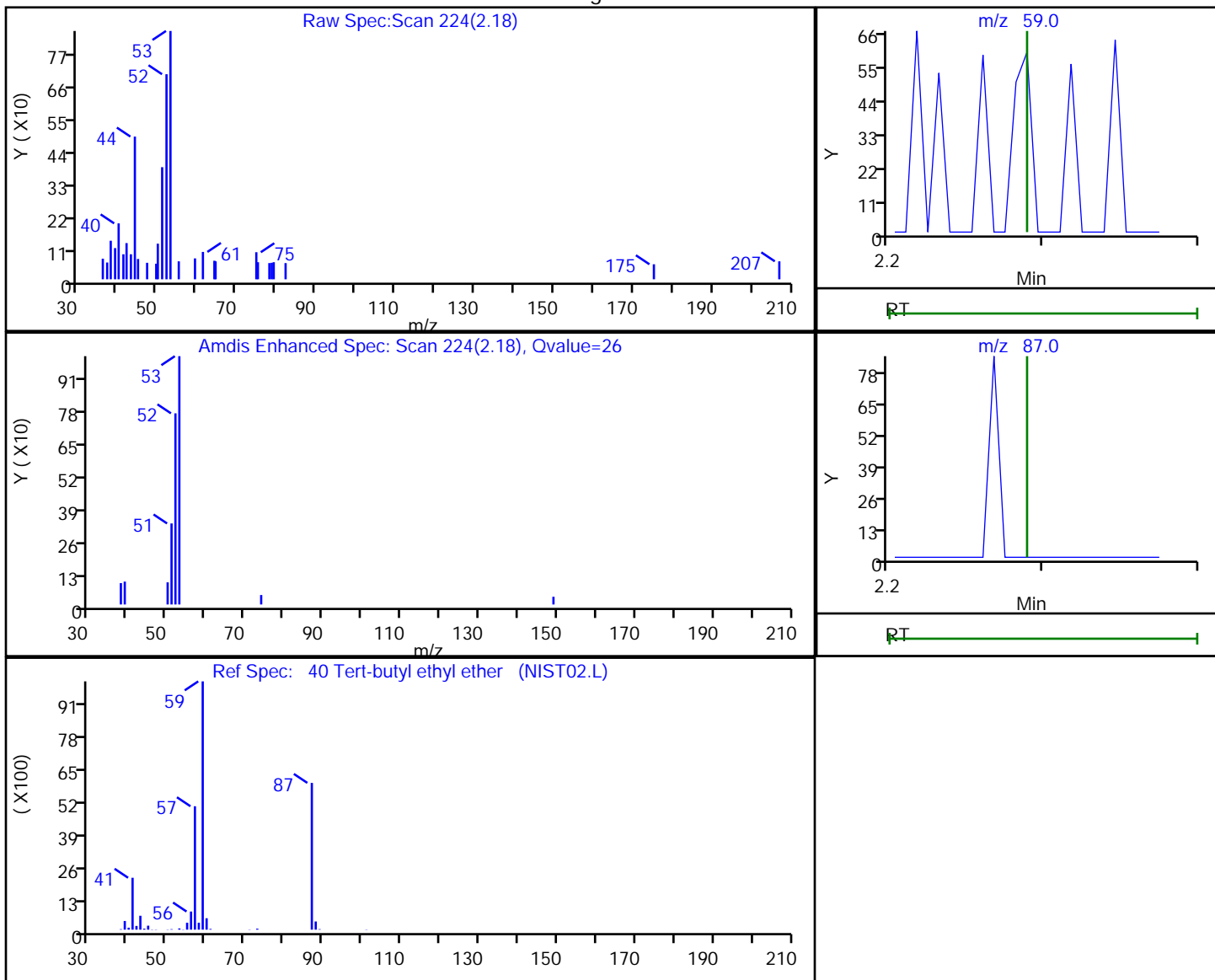
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

40 Tert-butyl ethyl ether, CAS: 637-92-3

Processing Results



RT	Mass	Response	Amount
2.18	59.00	83	0.010190
2.17	87.00	22	

Reviewer: baronm, 09-Jul-2020 10:06:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

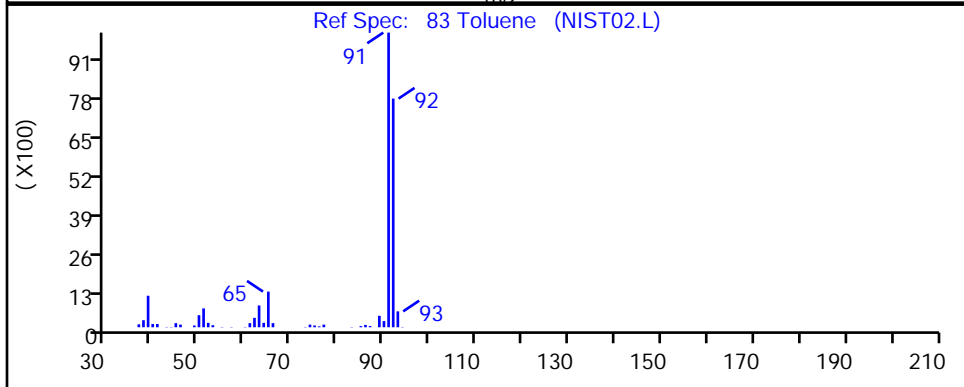
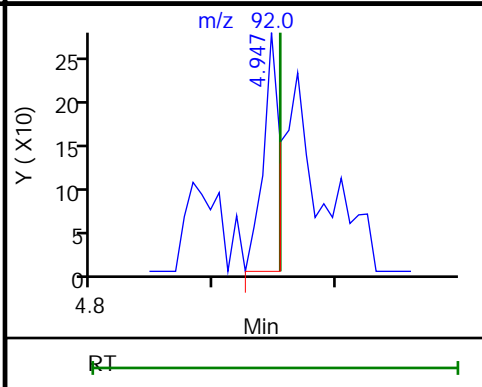
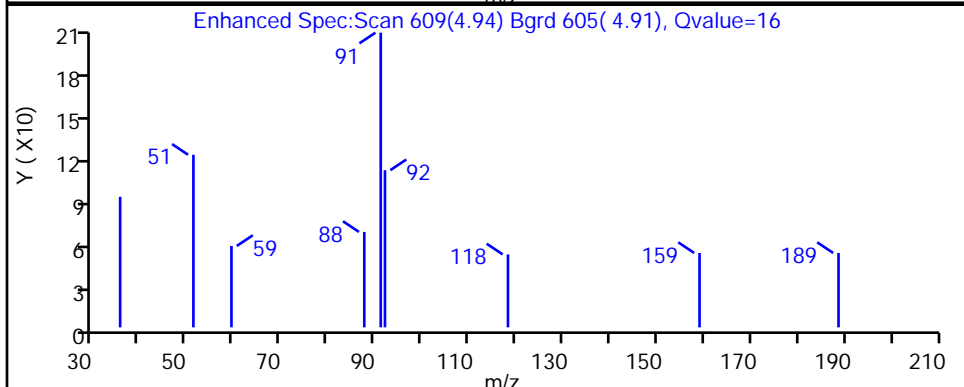
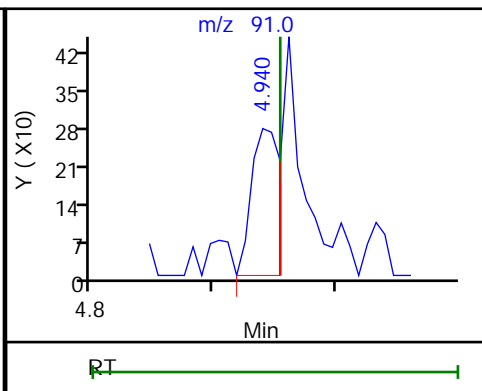
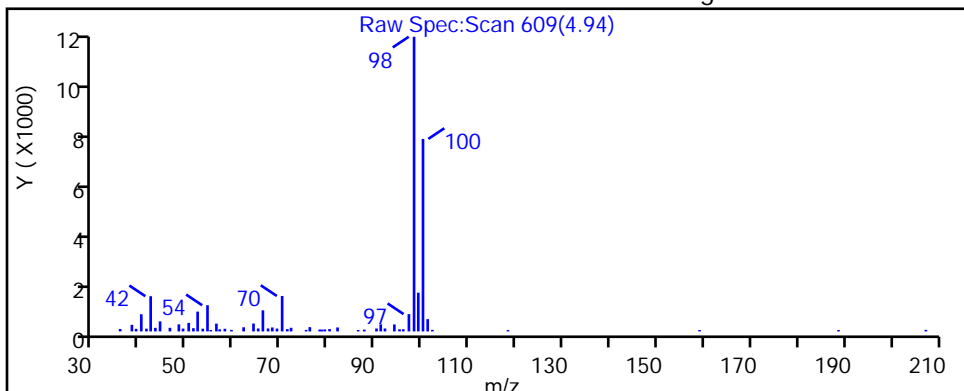
Column: Rtx-624 (0.25 mm)

Detector

MS SCAN

83 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
4.94	91.00	443	0.036484
4.95	92.00	255	

Reviewer: baronm, 09-Jul-2020 10:06:54

Audit Action: Marked Compound Undetected

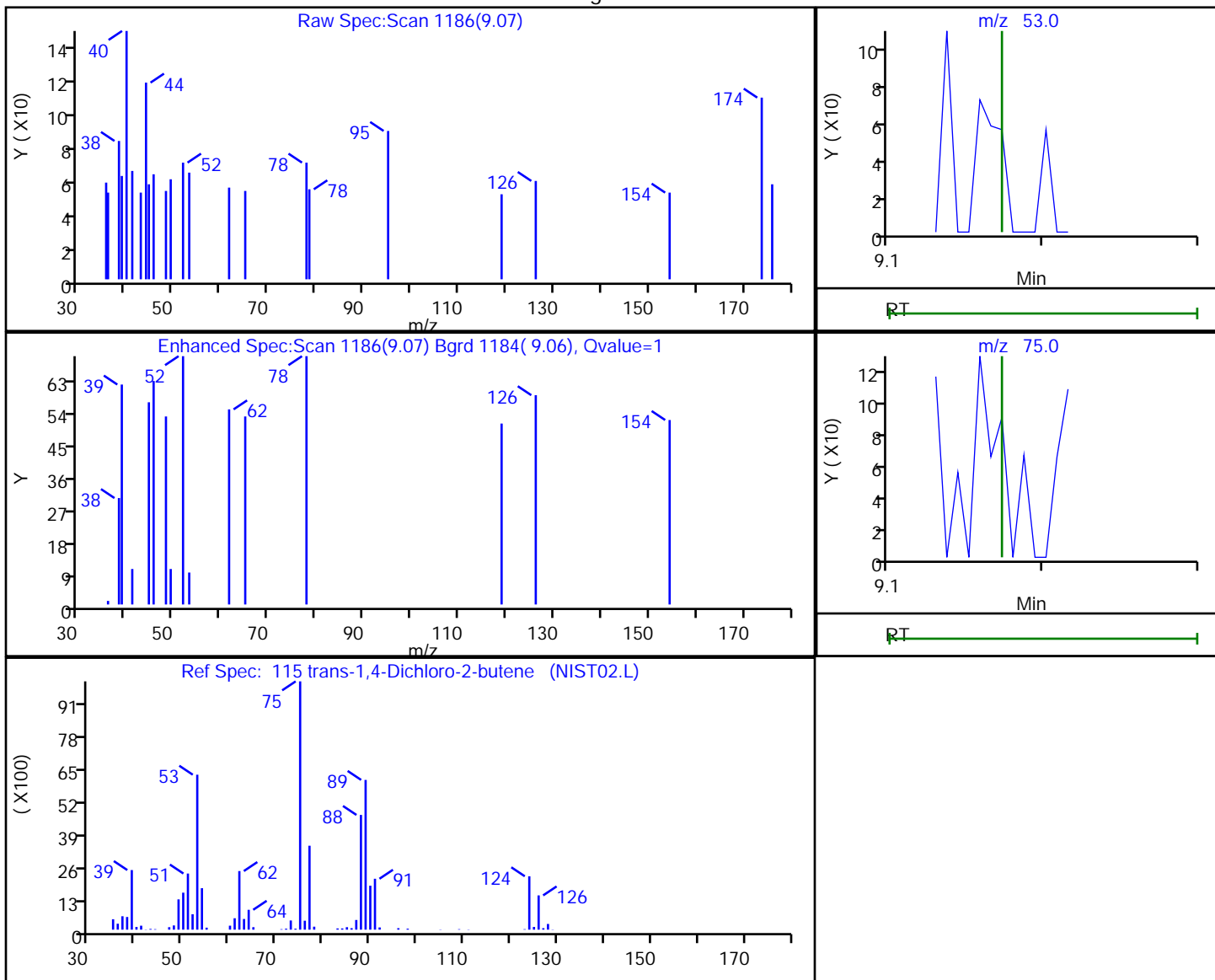
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D
 Injection Date: 09-Jul-2020 04:40:30 Instrument ID: CVOAMS13
 Lims ID: STD7
 Client ID:
 Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Processing Results



RT	Mass	Response	Amount
9.07	53.00	27	0.047191
9.08	75.00	233	

Reviewer: baronm, 09-Jul-2020 10:07:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

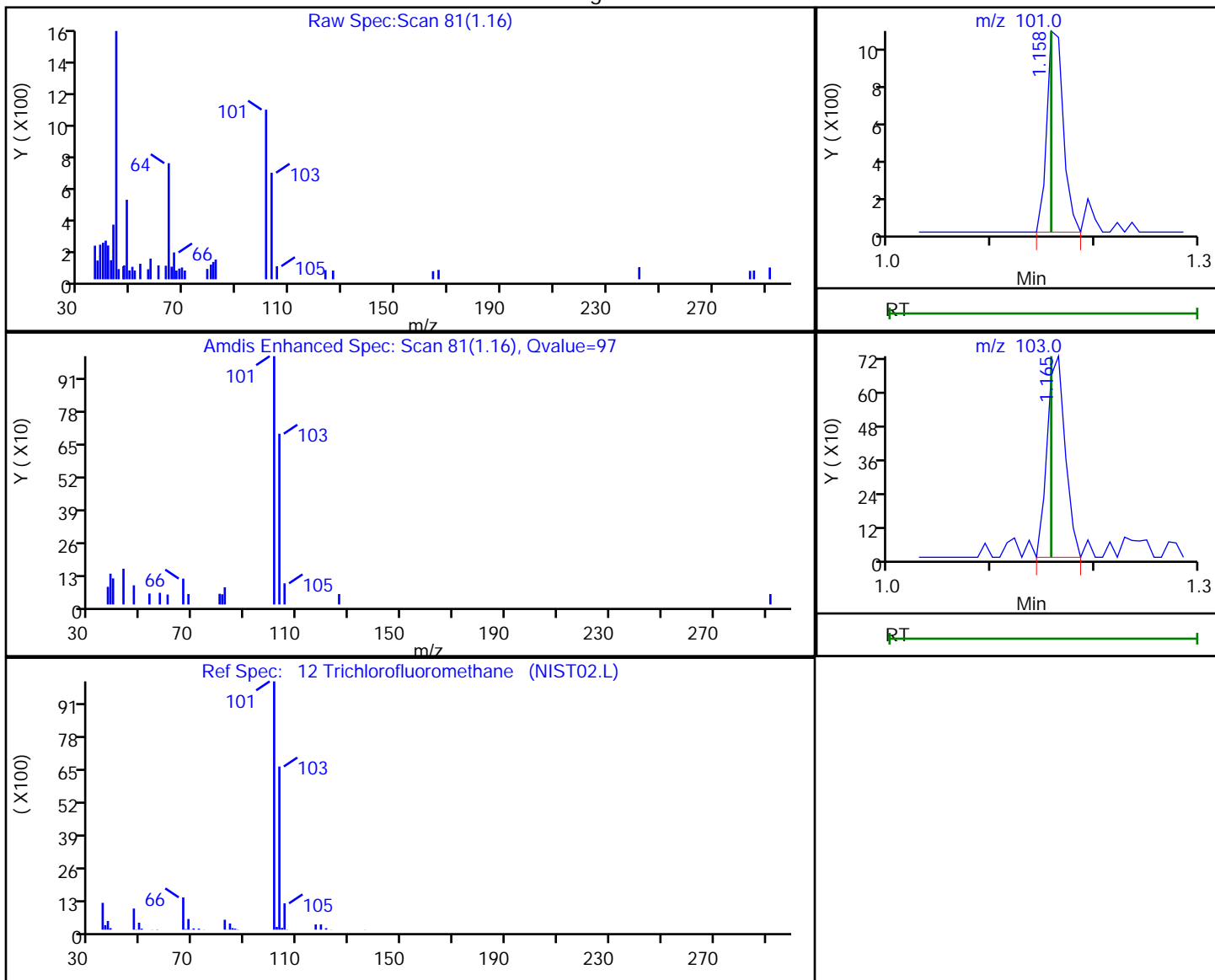
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.16	101.00	1171	0.231736
1.16	103.00	890	

Reviewer: baronm, 09-Jul-2020 10:04:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76752.D

Injection Date: 09-Jul-2020 04:40:30

Instrument ID: CVOAMS13

Lims ID: STD7

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

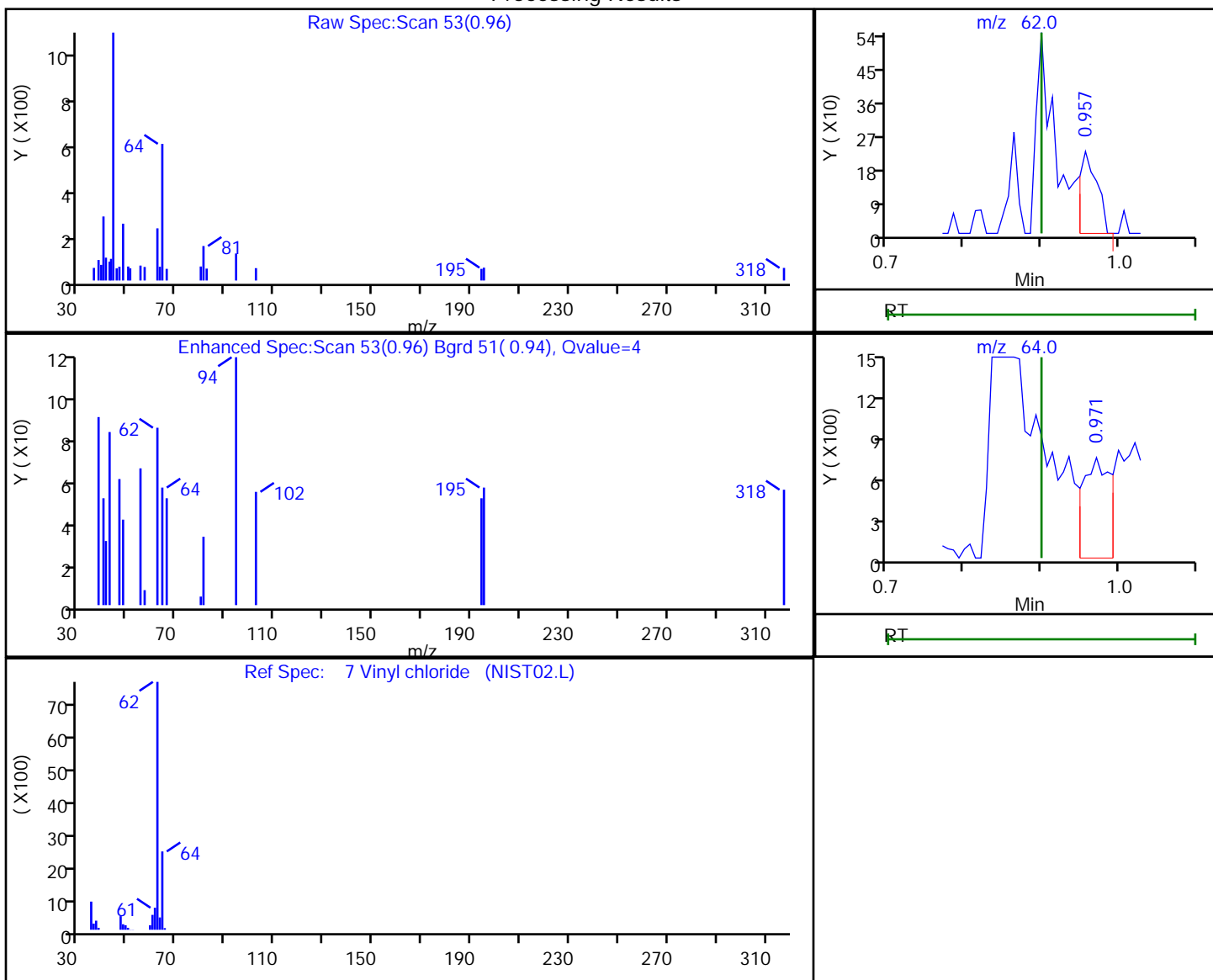
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.96	62.00	343	0.076729
0.97	64.00	1801	

Reviewer: baronm, 09-Jul-2020 10:03:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76754.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 09-Jul-2020 05:33:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0112940-005
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:09 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:35:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	87	4087	5.00	4.69	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	67	1153	5.00	6.07	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	26993	5.00	5.81	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	95	8651	5.00	5.09	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	95	3409	5.00	5.29	a
7 Vinyl chloride	62	0.900	0.900	0.000	58	23206	5.00	5.31	M
6 Chloromethane	50	0.900	0.900	0.000	75	31846	5.00	5.45	
8 Butadiene	54	0.900	0.900	0.000	94	19782	5.00	5.05	
9 Bromomethane	94	1.043	1.043	0.000	99	7879	5.00	3.36	
10 Chloroethane	64	1.100	1.100	0.000	99	15511	5.00	4.86	
11 Pentane	72	1.158	1.158	0.000	96	7519	10.0	10.7	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	29115	5.00	5.21	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	35162	5.00	5.20	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	98	27398	5.00	4.80	
15 Ethyl ether	59	1.308	1.308	0.000	97	15584	5.00	5.09	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	81	21221	5.00	4.28	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	15638	5.00	4.81	
19 Carbon disulfide	76	1.416	1.415	0.001	100	57897	5.00	4.80	
16 Ethanol	46	1.416	1.415	0.001	25	3440	200.0	185.2	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	85	17220	5.00	5.27	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	95	24580	5.00	4.77	
22 Iodomethane	142	1.473	1.473	0.000	96	6839	5.00	1.74	
23 Cyclopentene	67	1.552	1.552	0.000	96	44474	5.00	4.92	
24 Acrolein	56	1.573	1.573	0.000	96	6876	20.0	20.3	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	10360	5.00	5.11	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	8899	50.0	50.5	
27 Methylene Chloride	84	1.702	1.702	0.000	95	20870	5.00	5.30	
28 Acetone	43	1.724	1.731	-0.007	86	21685	25.0	25.3	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	18353	5.00	5.07	
30 Methyl acetate	43	1.795	1.795	0.000	99	20399	10.0	10.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	91	4489	5.00	5.37	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	96	45957	5.00	5.05	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	98	231289	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	14237	50.0	54.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	18079	50.0	51.8	
36 Isopropyl ether	45	2.067	2.067	0.000	94	47446	5.00	4.90	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	13826	5.00	4.98	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	28478	5.00	5.06	
39 Acrylonitrile	53	2.168	2.168	0.000	93	45697	50.0	49.8	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	41514	5.00	4.68	
41 Vinyl acetate	43	2.297	2.297	0.000	99	53370	10.0	9.20	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	17131	5.00	5.18	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	92	18469	5.00	4.73	
44 Cyclohexane	56	2.597	2.597	0.000	92	25309	5.00	5.06	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	8092	5.00	5.35	
46 Chloroform	83	2.662	2.662	0.000	98	28296	5.00	5.32	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	15969	5.00	4.81	
49 Methyl acrylate	55	2.769	2.762	0.007	72	9914	5.00	4.84	
48 Ethyl acetate	70	2.762	2.762	0.000	97	2955	10.0	9.93	
50 Tetrahydrofuran	42	2.769	2.769	0.000	92	9889	10.0	9.76	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	136439	50.0	50.8	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	21756	5.00	5.08	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	241436	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	96	7861	25.0	24.7	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	93	21892	5.00	5.05	a
56 Isooctane	57	2.970	2.970	0.000	97	38477	5.00	5.22	
58 Benzene	78	3.070	3.063	0.007	97	62674	5.00	5.08	
57 n-Heptane	57	3.063	3.063	0.000	93	9179	5.00	4.97	
59 Propionitrile	54	3.092	3.092	0.000	97	17715	50.0	48.1	
60 Methacrylonitrile	67	3.106	3.106	0.000	92	51325	50.0	49.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	159309	50.0	49.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	96	34393	5.00	4.64	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	96	19894	5.00	4.98	
64 Isobutyl alcohol	43	3.307	3.307	0.000	98	9400	125.0	109.3	
65 t-Amyl alcohol	59	3.378	3.371	0.007	86	6053	50.0	42.9	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	575055	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	97	21568	5.00	4.75	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	23968	5.00	5.11	
69 Trichloroethene	130	3.550	3.550	0.000	96	16159	5.00	5.26	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	29733	5.00	4.56	
71 Dibromomethane	93	3.915	3.908	0.007	92	8809	5.00	5.08	
72 n-Butanol	56	3.944	3.930	0.014	91	4709	125.0	82.6	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	15206	5.00	5.00	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	18588	5.00	4.91	
74 Ethyl acrylate	55	4.094	4.080	0.014	75	9706	5.00	4.07	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	67	22031	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	91	5452	10.0	9.19	
78 1,4-Dioxane	88	4.281	4.281	0.000	39	3164	100.0	107.9	
79 n-Propyl acetate	43	4.438	4.431	0.007	98	11629	5.00	4.41	
80 2-Chloroethyl vinyl ether	63	4.703	4.696	0.007	32	665	5.01	1.85	
81 cis-1,3-Dichloropropene	75	4.718	4.710	0.008	95	19628	5.00	4.60	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	496544	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	4.954	4.954	0.000	93	62726	5.00	4.97	
84 Epichlorohydrin	57	4.997	4.983	0.014	97	8106	100.0	62.5	
85 2-Nitropropane	41	5.205	5.205	0.000	98	4169	10.0	7.79	
86 Tetrachloroethene	166	5.377	5.369	0.008	96	14425	5.00	4.89	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	47828	25.0	22.8	
88 trans-1,3-Dichloropropene	75	5.463	5.455	0.008	97	16839	5.00	4.46	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	93	10448	5.00	5.22	
90 Ethyl methacrylate	69	5.721	5.713	0.007	90	12409	5.00	4.73	
91 Chlorodibromomethane	129	5.821	5.814	0.007	95	11482	5.00	4.75	
92 1,3-Dichloropropene	76	5.935	5.928	0.007	95	19948	5.00	4.87	
93 Ethylene Dibromide	107	6.071	6.057	0.014	97	10516	5.00	4.77	
94 n-Butyl acetate	43	6.422	6.415	0.007	96	13783	5.00	4.79	
95 2-Hexanone	43	6.480	6.473	0.007	96	32473	25.0	20.9	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	86	405394	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	39424	5.00	4.98	
98 Ethylbenzene	106	6.845	6.845	0.000	99	22001	5.00	5.02	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	91	11528	5.00	4.68	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	25653	5.00	4.88	
101 o-Xylene	106	7.647	7.640	0.007	93	23640	5.00	4.83	
102 Bromoform	173	7.712	7.705	0.007	90	5622	5.00	4.44	
103 Styrene	104	7.740	7.733	0.007	94	38048	5.00	4.77	
104 n-Butyl acrylate	73	8.084	8.070	0.014	96	6225	5.00	4.44	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	64113	5.00	4.85	
106 Amyl acetate (mixed isomers)	43	8.493	8.478	0.015	41	16400	5.00	4.72	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	91	167254	50.0	51.6	
108 Bromobenzene	156	8.600	8.600	0.000	96	17109	5.00	5.07	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	80141	5.00	5.08	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	13825	5.00	5.02	
111 2-Chlorotoluene	91	8.930	8.922	0.008	97	54970	5.00	4.99	
112 4-Ethyltoluene	105	8.951	8.944	0.007	98	64970	5.00	4.95	
113 1,2,3-Trichloropropene	110	9.037	9.037	0.000	97	3978	5.00	5.13	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	94	52681	5.00	4.81	
115 trans-1,4-Dichloro-2-butene	53	9.209	9.173	0.036	54	1735	5.00	2.39	
116 4-Chlorotoluene	91	9.195	9.187	0.008	98	46486	5.00	4.73	
117 tert-Butylbenzene	119	9.567	9.560	0.007	94	44568	5.00	4.91	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	98	52486	5.00	4.73	
119 Butyl Methacrylate	87	9.717	9.710	0.007	95	12363	5.00	4.40	
120 sec-Butylbenzene	105	9.854	9.854	0.000	98	68809	5.00	4.86	
121 1,3-Dichlorobenzene	146	10.126	10.111	0.015	95	31206	5.00	4.88	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	54513	5.00	4.72	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	220443	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	93	35091	5.00	5.01	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	98	56346	5.00	4.83	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	93	57031	5.00	4.92	
127 Benzyl chloride	126	10.735	10.727	0.008	94	2923	5.00	4.42	
128 p-Diethylbenzene	119	10.749	10.742	0.007	86	27421	5.00	4.65	
129 n-Butylbenzene	91	10.835	10.828	0.007	98	53877	5.00	4.90	
130 1,2-Dichlorobenzene	146	10.935	10.928	0.007	95	31381	5.00	4.89	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	48700	5.00	4.52	
132 1,2-Dibromo-3-Chloropropane	157	12.088	12.081	0.007	92	2304	5.00	4.53	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	23131	5.00	4.72	
134 1,2,4-Trichlorobenzene	180	12.833	12.826	0.007	93	21503	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	8247	5.00	5.18	
136 Naphthalene	128	13.141	13.127	0.014	99	40378	5.00	4.67	
137 1,2,3-Trichlorobenzene	180	13.313	13.306	0.007	96	20926	5.00	5.21	
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 139 1,3-Dichloropropene, Total	100				0		10.0	9.07	
S 140 Xylenes, Total	100				0		10.0	9.71	
S 142 Total BTEX	1				0		25.0	24.8	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
GASES Li_00376	Amount Added: 10.00	Units: uL	
524freon_00024	Amount Added: 10.00	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\CVOAMS13\20200709-112940.b\P76754.D

Injection Date: 09-Jul-2020 05:33:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD5

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

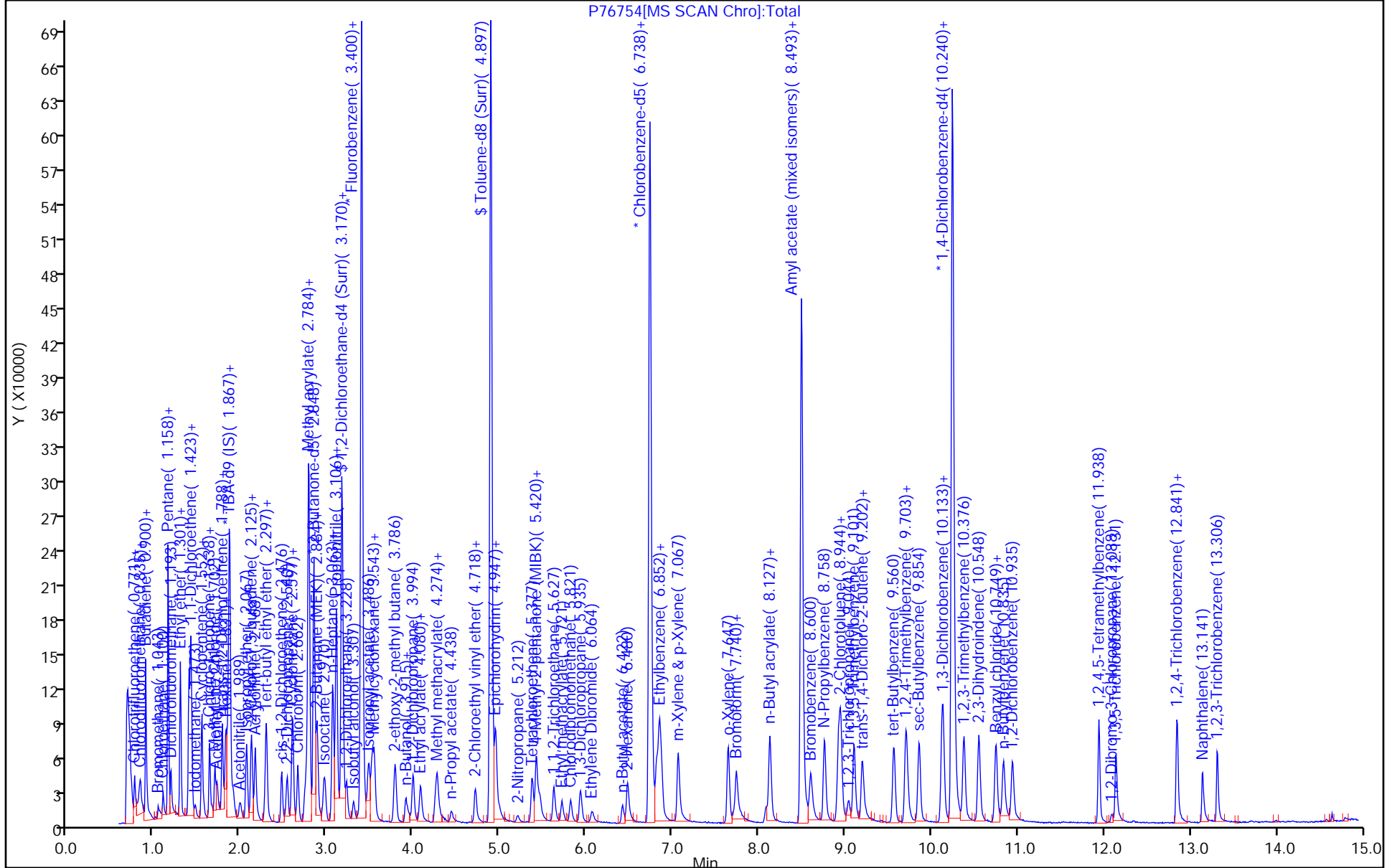
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

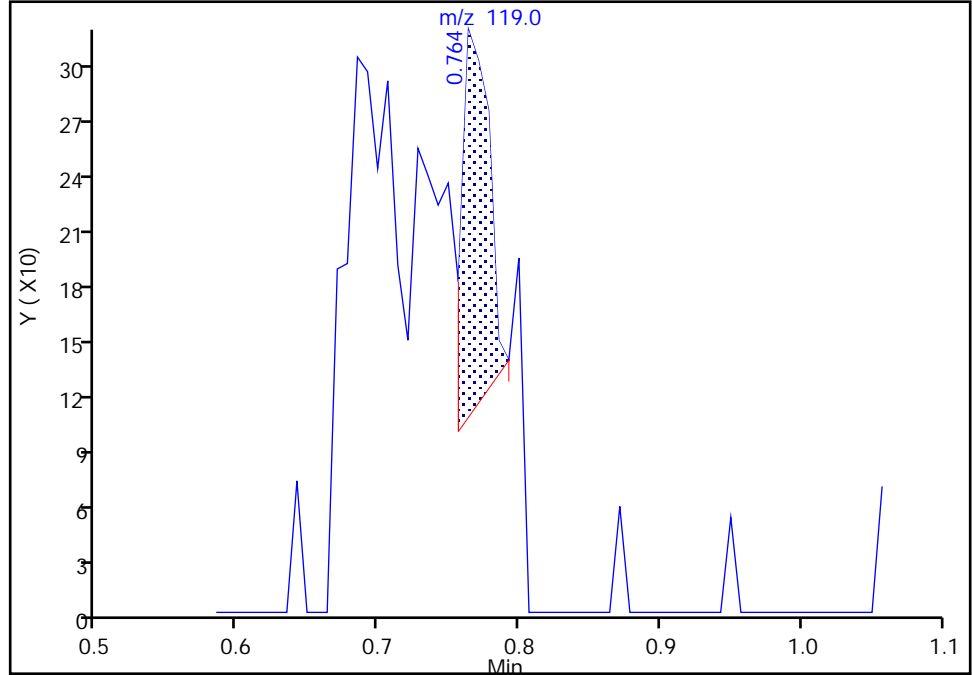
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

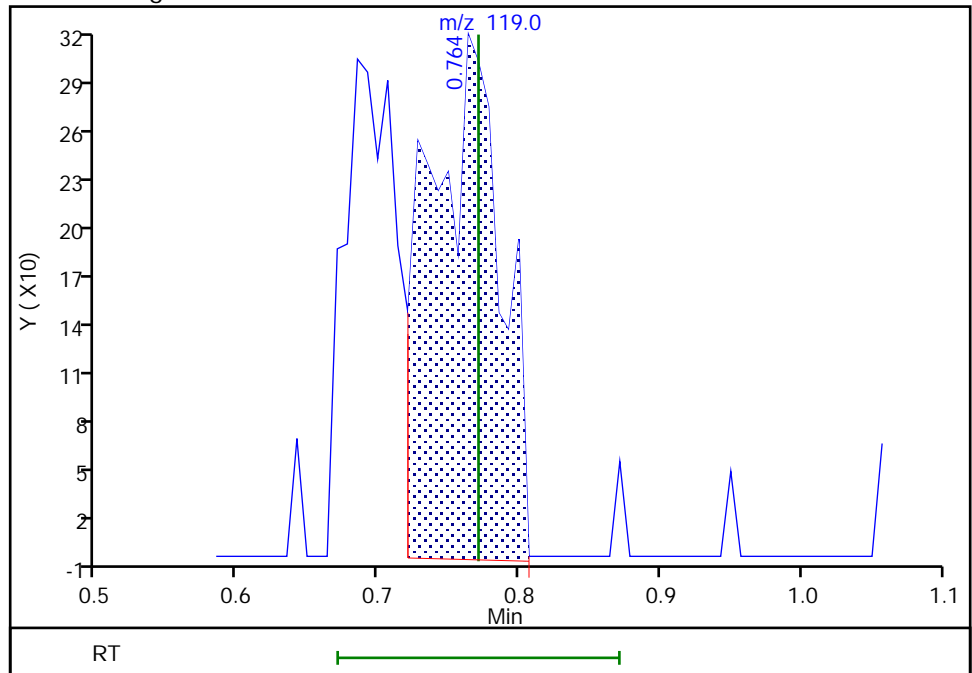
RT: 0.76
Area: 281
Amount: 1.442590
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 1153
Amount: 6.074483
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:06:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins TestAmerica, Edison

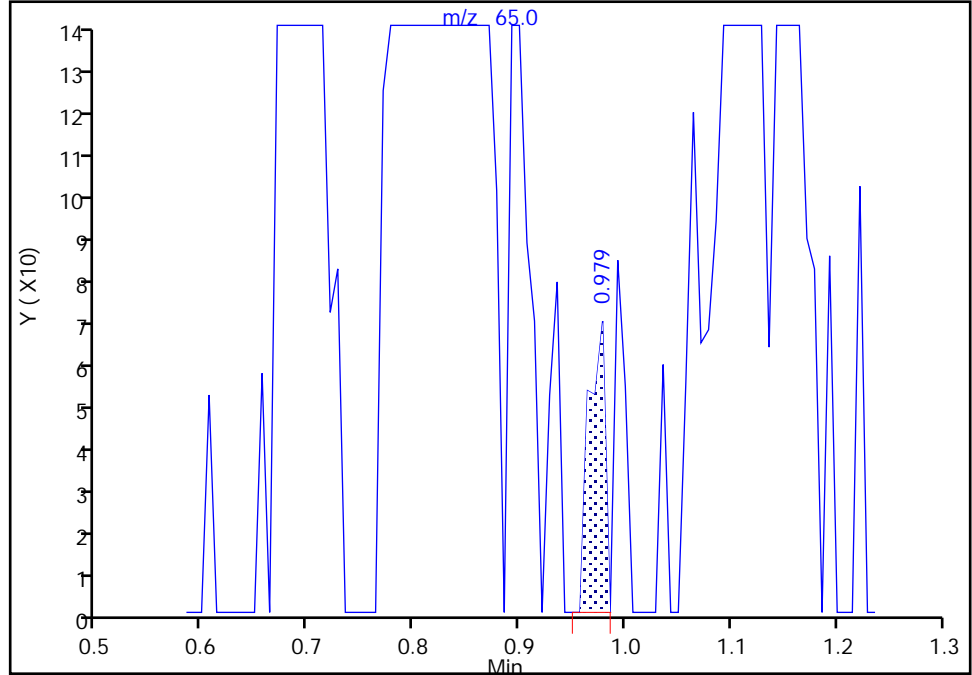
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

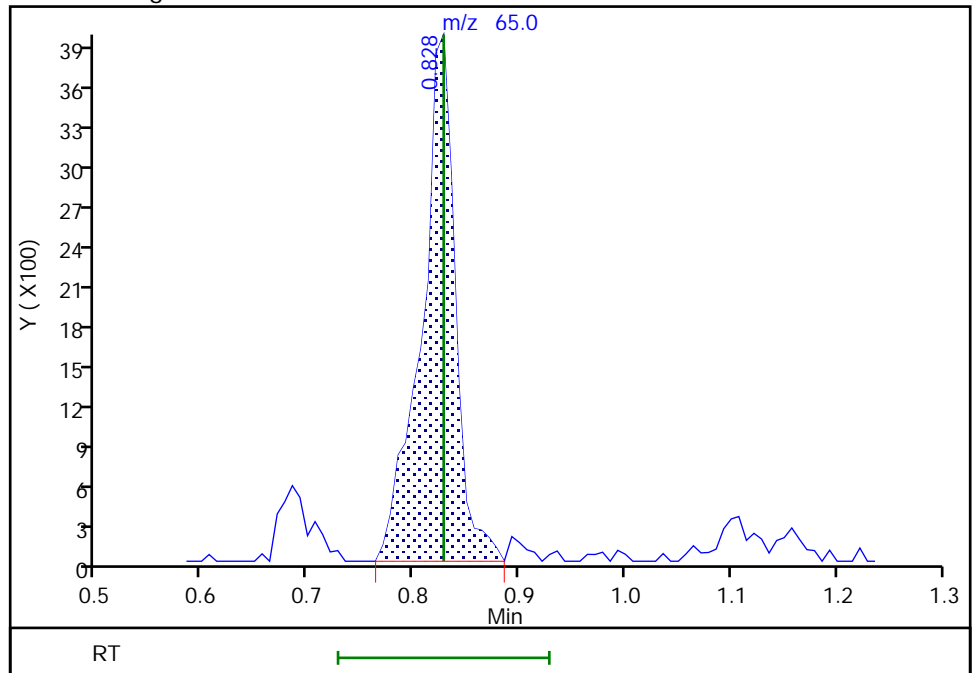
RT: 0.98
Area: 72
Amount: 0.057887
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 8651
Amount: 5.092619
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

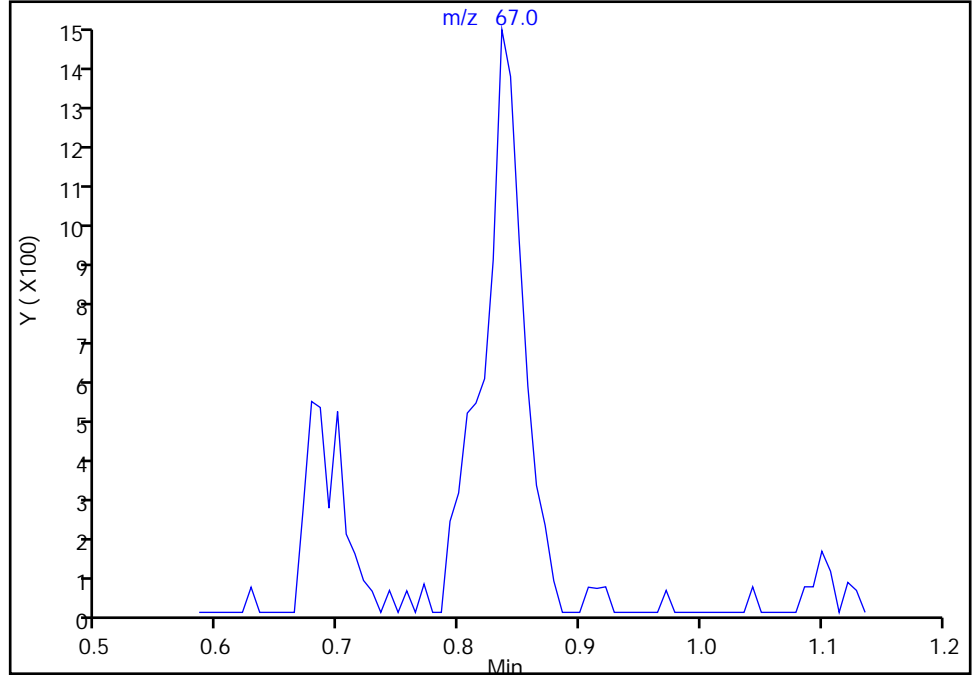
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

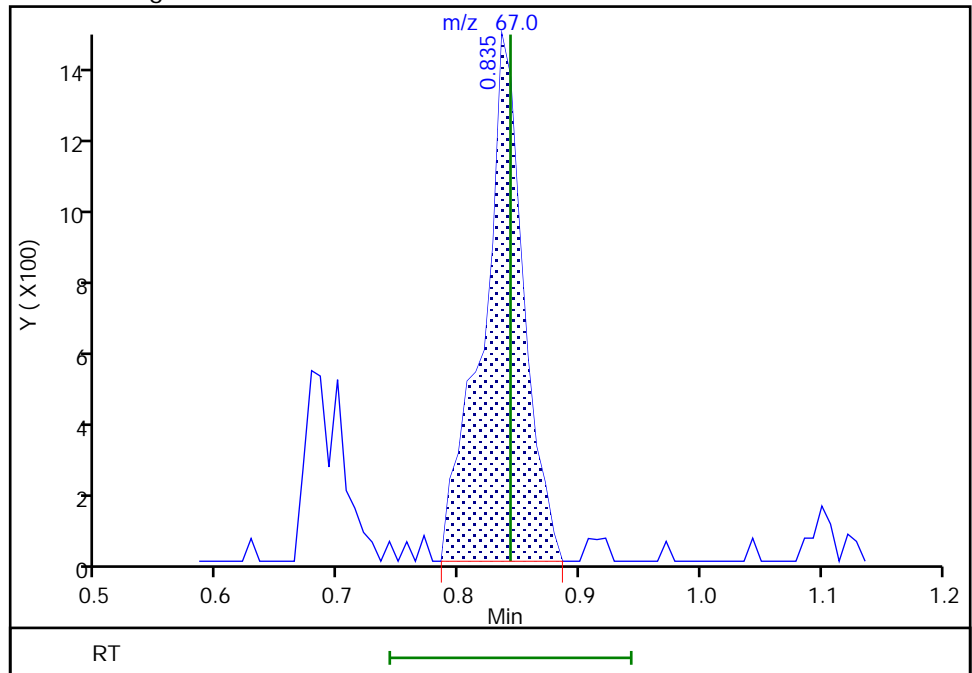
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 3409
Amount: 5.288320
Amount Units: ug/l



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

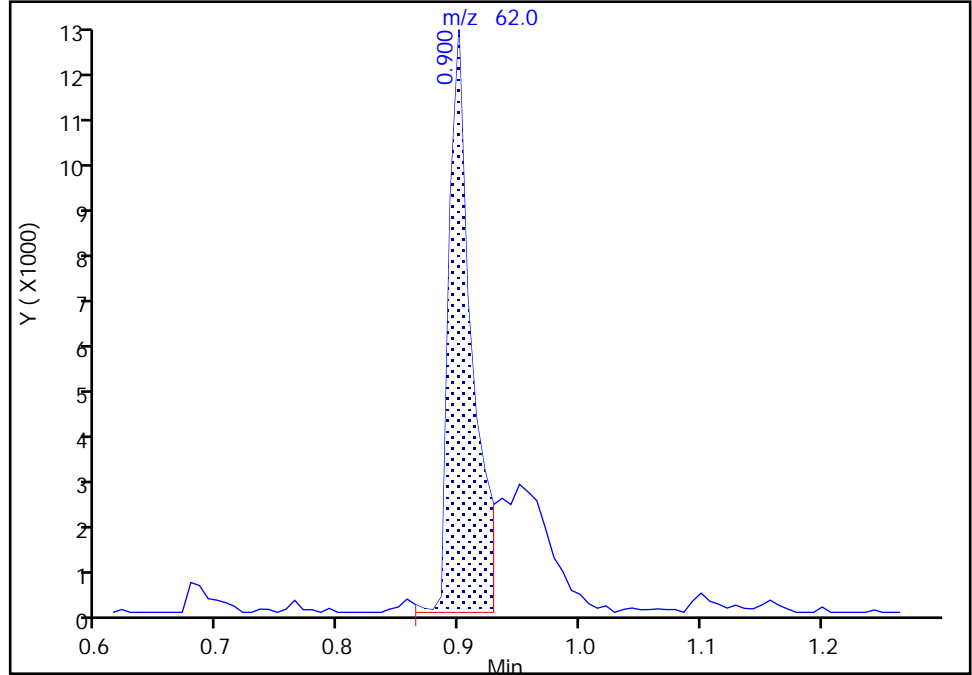
ALS Bottle#: 4 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

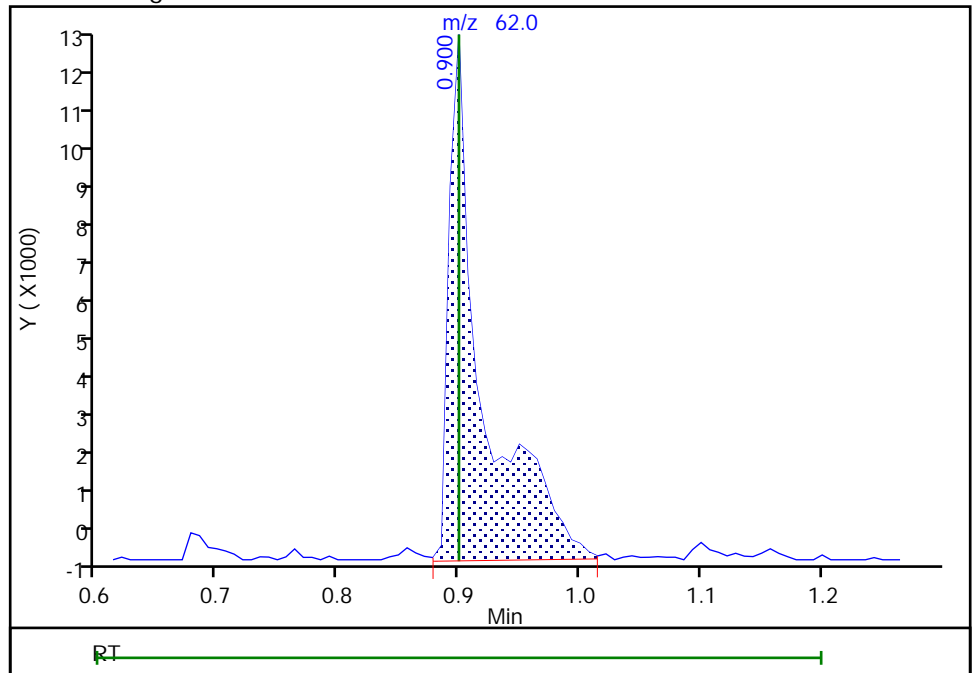
RT: 0.90
Area: 15974
Amount: 3.365687
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 23206
Amount: 5.308124
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:34
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

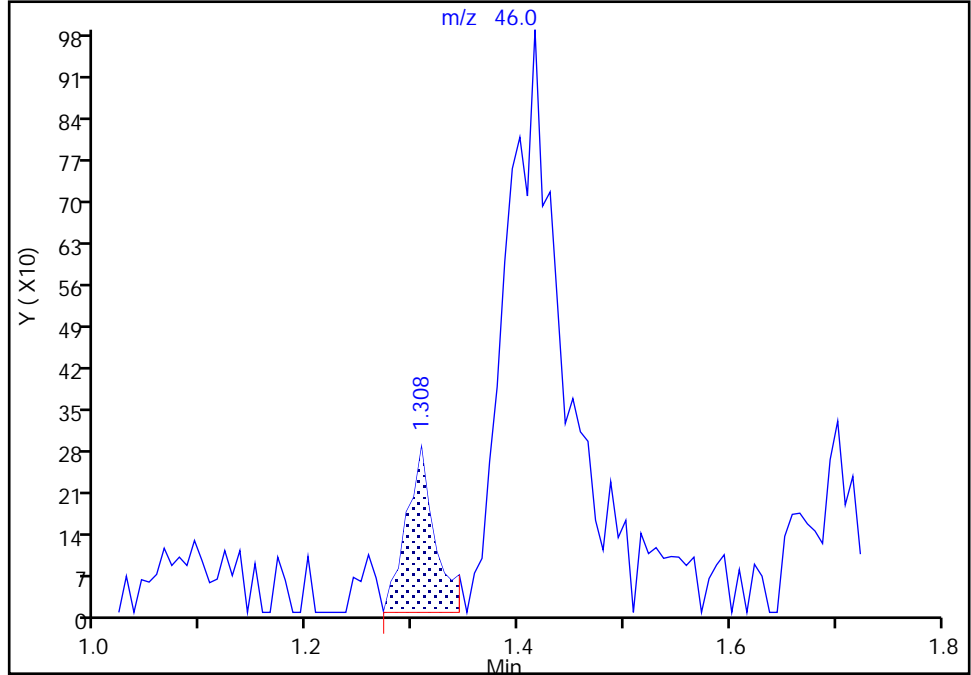
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Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

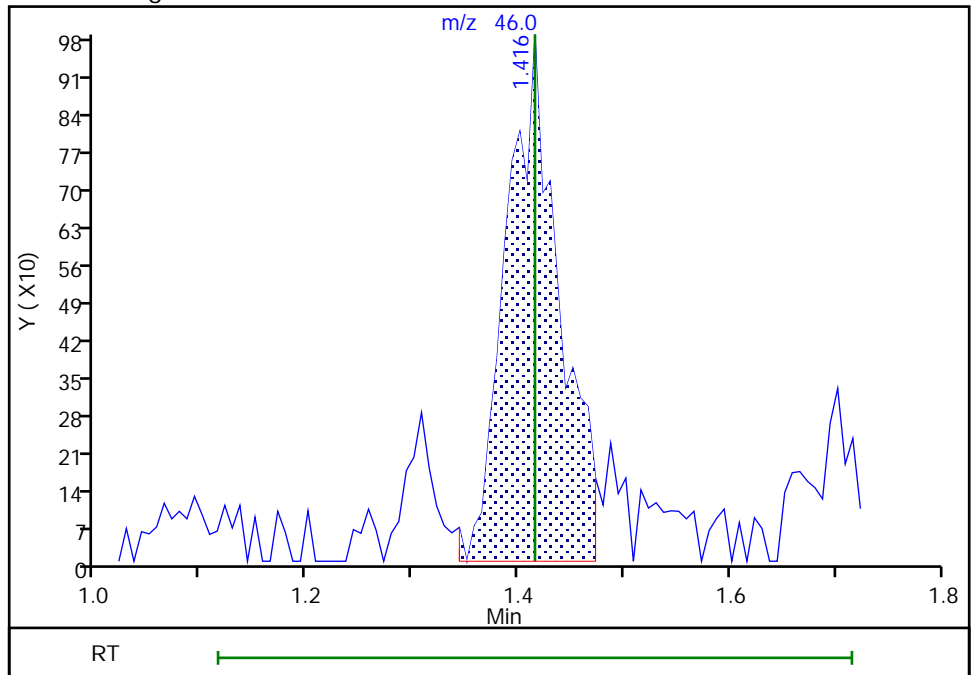
RT: 1.31
Area: 527
Amount: 35.675158
Amount Units: ug/l

Processing Integration Results



RT: 1.42
Area: 3440
Amount: 185.1968
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:43
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76754.D
Injection Date: 09-Jul-2020 05:33:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

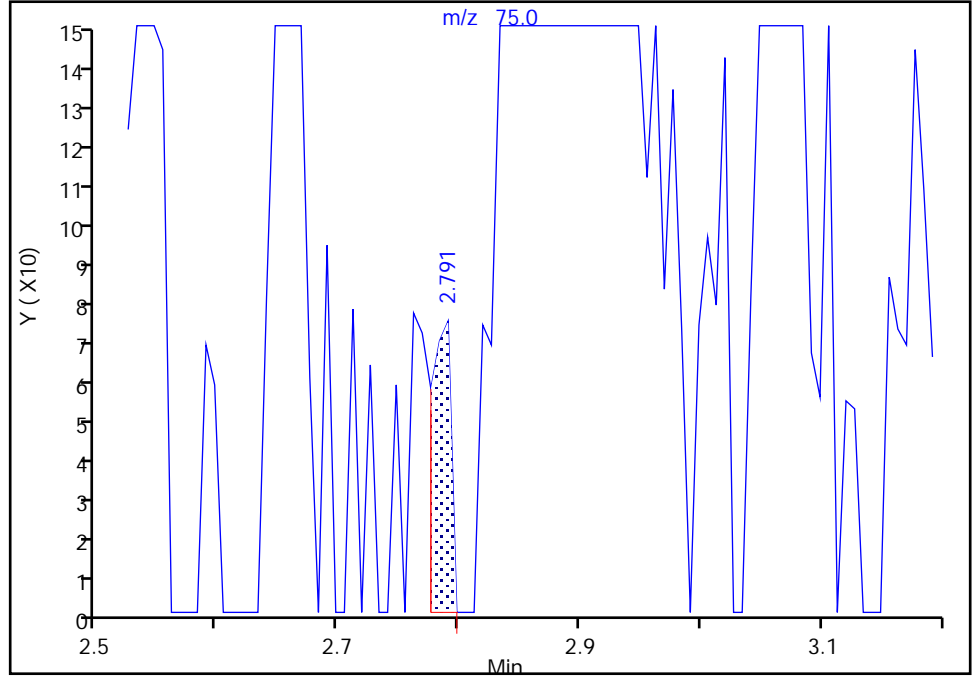
ALS Bottle#: 4 Worklist Smp#: 5
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

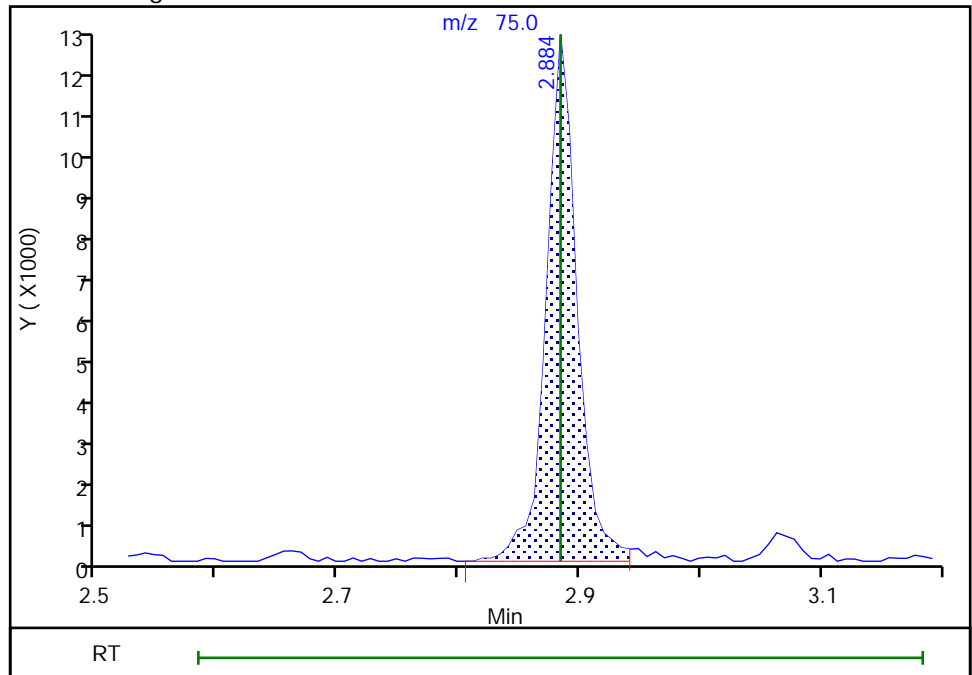
RT: 2.79
Area: 85
Amount: 0.030156
Amount Units: ug/l

Processing Integration Results



RT: 2.88
Area: 21892
Amount: 5.051665
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:09:58
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 3
 Inject. Date: 09-Jul-2020 05:59:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0112940-006
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:26 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:32:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	18254	20.0	20.2	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	68	4759	20.0	24.2	Ma
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	100863	20.0	20.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	94	34157	20.0	19.4	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	13012	20.0	19.5	a
7 Vinyl chloride	62	0.900	0.900	0.000	95	89392	20.0	19.7	M
6 Chloromethane	50	0.900	0.900	0.000	99	115930	20.0	19.1	
8 Butadiene	54	0.900	0.900	0.000	95	83207	20.0	20.5	
9 Bromomethane	94	1.043	1.043	0.000	99	32803	20.0	13.3	
10 Chloroethane	64	1.100	1.100	0.000	100	78077	20.0	23.6	
11 Pentane	72	1.158	1.158	0.000	96	31155	40.0	42.5	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	97	124084	20.0	21.4	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	99	141519	20.0	20.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	116683	20.0	19.7	a
15 Ethyl ether	59	1.308	1.308	0.000	94	63153	20.0	19.9	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	63216	20.0	18.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.401	1.401	0.000	82	103350	20.0	20.1	
19 Carbon disulfide	76	1.415	1.415	0.000	100	232917	20.0	18.6	
16 Ethanol	46	1.415	1.415	0.000	25	12644	800.0	653.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	85	67314	20.0	19.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.430	1.430	0.000	95	101505	20.0	19.0	
22 Iodomethane	142	1.473	1.473	0.000	99	42142	20.0	10.4	M
23 Cyclopentene	67	1.552	1.552	0.000	97	182766	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	95	13624	40.0	38.6	
25 3-Chloro-1-propene	76	1.638	1.638	0.000	90	40489	20.0	19.3	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	38505	200.0	209.7	
27 Methylene Chloride	84	1.702	1.702	0.000	95	81158	20.0	19.9	
28 Acetone	43	1.731	1.731	0.000	86	81656	100.0	90.1	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	96	69882	20.0	18.6	
30 Methyl acetate	43	1.795	1.795	0.000	100	82664	40.0	42.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	88	16785	20.0	19.4	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	191395	20.0	20.3	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	98	241100	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	54651	200.0	200.3	
35 Acetonitrile	41	1.989	1.989	0.000	99	72311	200.0	198.9	
36 Isopropyl ether	45	2.067	2.067	0.000	96	198190	20.0	19.8	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54384	20.0	18.9	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	116262	20.0	19.9	
39 Acrylonitrile	53	2.168	2.168	0.000	93	195368	200.0	205.3	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	177567	20.0	19.3	
41 Vinyl acetate	43	2.297	2.297	0.000	100	241008	40.0	40.1	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	63489	20.0	18.5	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	79755	20.0	19.7	
44 Cyclohexane	56	2.597	2.597	0.000	94	102728	20.0	19.8	
45 Chlorobromomethane	128	2.605	2.605	0.000	90	32336	20.0	20.6	
46 Chloroform	83	2.662	2.662	0.000	98	107212	20.0	19.4	
47 Carbon tetrachloride	117	2.748	2.748	0.000	96	65776	20.0	19.1	
49 Methyl acrylate	55	2.762	2.762	0.000	52	43059	20.0	20.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	11704	40.0	37.2	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	39877	40.0	37.3	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	97	137859	50.0	49.5	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	87559	20.0	19.7	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	254900	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	31732	100.0	94.3	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	85782	20.0	19.1	
56 Isooctane	57	2.970	2.970	0.000	98	150312	20.0	19.7	
58 Benzene	78	3.063	3.063	0.000	96	256703	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	90	35561	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	93	72252	200.0	188.4	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	217139	200.0	200.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166387	50.0	49.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	97	144066	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	80376	20.0	19.4	
64 Isobutyl alcohol	43	3.307	3.307	0.000	97	41718	500.0	465.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	88	25067	200.0	170.3	
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	595897	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	94028	20.0	20.0	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	92234	20.0	19.0	
69 Trichloroethene	130	3.550	3.550	0.000	98	61023	20.0	19.2	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	125791	20.0	18.6	
71 Dibromomethane	93	3.908	3.908	0.000	96	35611	20.0	19.8	
72 n-Butanol	56	3.930	3.930	0.000	93	24225	500.0	406.5	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	90	63808	20.0	20.2	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	75130	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	99	53765	20.0	20.2	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	92	23586	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	89	24463	40.0	39.8	
78 1,4-Dioxane	88	4.281	4.281	0.000	37	11722	400.0	373.5	
79 n-Propyl acetate	43	4.431	4.431	0.000	98	60031	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	90	3150	20.0	8.48	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	87216	20.0	19.6	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	513010	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	92	253243	20.0	19.3	
84 Epichlorohydrin	57	4.983	4.983	0.000	98	46672	400.0	340.7	
85 2-Nitropropane	41	5.205	5.205	0.000	100	19466	40.0	35.1	
86 Tetrachloroethene	166	5.369	5.369	0.000	97	59540	20.0	19.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	98	219384	100.0	98.9	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	77775	20.0	19.8	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	41567	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	60848	20.0	20.2	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	50459	20.0	20.0	
92 1,3-Dichloropropene	76	5.928	5.928	0.000	94	87777	20.0	20.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	48667	20.0	21.2	
94 n-Butyl acetate	43	6.415	6.415	0.000	99	64369	20.0	19.8	
95 2-Hexanone	43	6.473	6.473	0.000	97	153754	100.0	93.3	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	422008	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	159559	20.0	19.4	
98 Ethylbenzene	106	6.845	6.845	0.000	99	88554	20.0	19.4	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	93	48669	20.0	19.0	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	105785	20.0	19.3	
101 o-Xylene	106	7.640	7.640	0.000	94	103945	20.0	20.4	
102 Bromoform	173	7.705	7.705	0.000	94	26830	20.0	19.1	
103 Styrene	104	7.733	7.733	0.000	95	168569	20.0	20.3	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	34008	20.0	20.2	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	276192	20.0	20.1	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	91	82415	20.0	19.9	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	0.000	90	173964	50.0	51.5	
108 Bromobenzene	156	8.600	8.600	0.000	96	71752	20.0	19.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	337429	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	98	58604	20.0	19.7	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	228717	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	278872	20.0	19.6	
113 1,2,3-Trichloropropene	110	9.037	9.037	0.000	97	17072	20.0	20.4	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	228368	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	45	11927	20.0	15.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	209577	20.0	19.7	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	193910	20.0	19.8	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	233031	20.0	19.4	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	66529	20.0	19.7	
120 sec-Butylbenzene	105	9.854	9.854	0.000	99	297039	20.0	19.4	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	134558	20.0	19.5	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	245666	20.0	19.7	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	238228	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	94	143873	20.0	19.0	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	245455	20.0	19.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	247343	20.0	19.7	
127 Benzyl chloride	126	10.727	10.727	0.000	97	15569	20.0	19.0	
128 p-Diethylbenzene	119	10.742	10.742	0.000	93	122626	20.0	19.3	
129 n-Butylbenzene	91	10.828	10.828	0.000	99	226033	20.0	19.0	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	134524	20.0	19.4	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	231706	20.0	19.9	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	91	11564	20.0	21.1	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	102998	20.0	19.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	92866	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	33445	20.0	19.4	
136 Naphthalene	128	13.127	13.127	0.000	99	199924	20.0	21.4	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	85825	20.0	19.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.2	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	39.7	
S 142 Total BTEX	1				0		100.0	98.4	

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	
GASES Li_00376	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: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\p76755.D

Injection Date: 09-Jul-2020 05:59:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD20

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

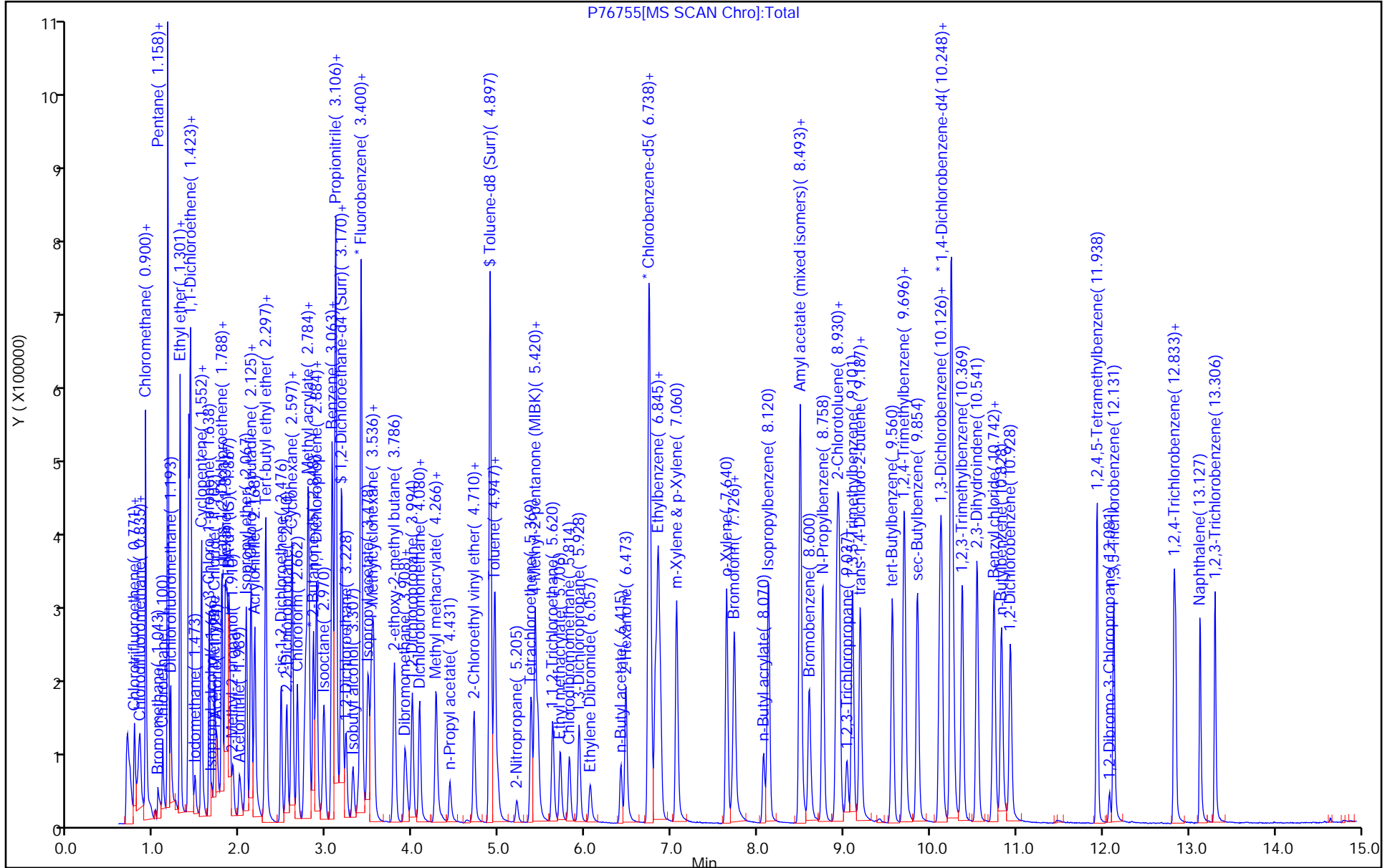
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

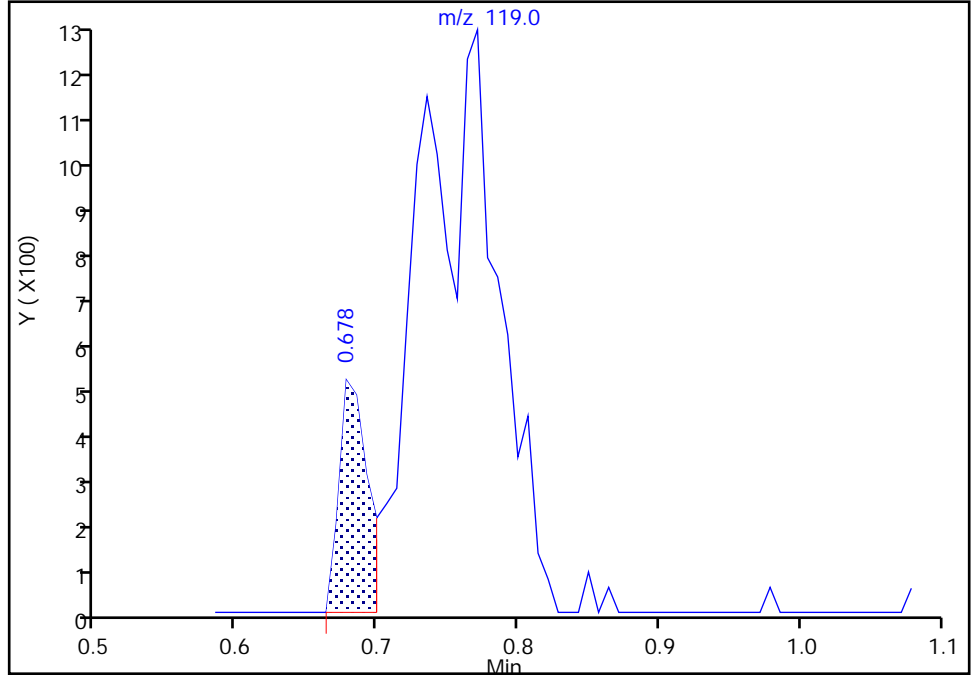
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

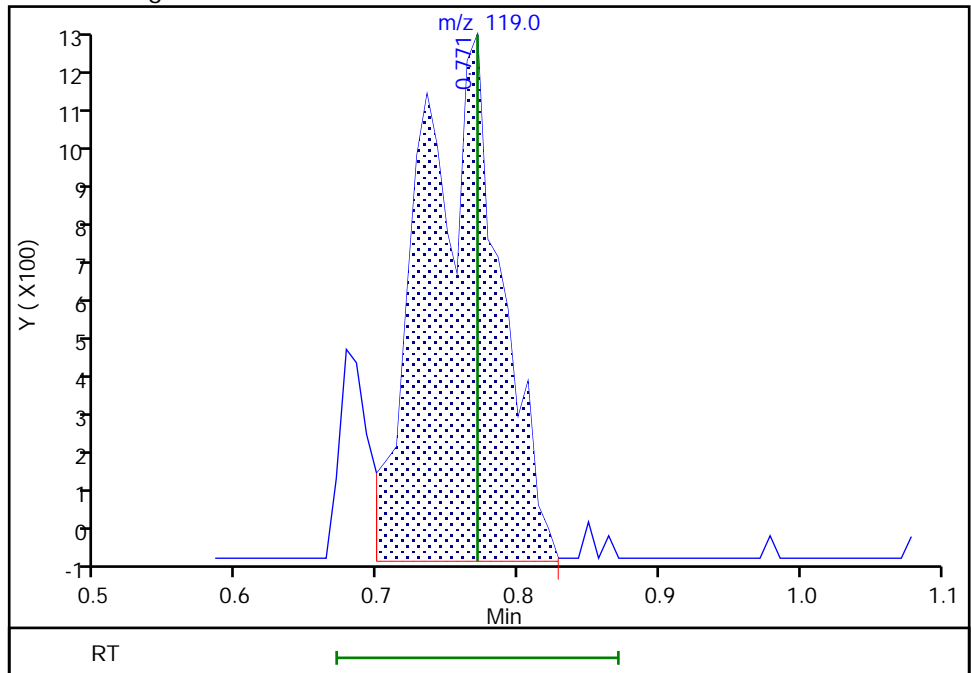
RT: 0.68
Area: 689
Amount: 4.131603
Amount Units: ug/l

Processing Integration Results



RT: 0.77
Area: 4759
Amount: 24.195460
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

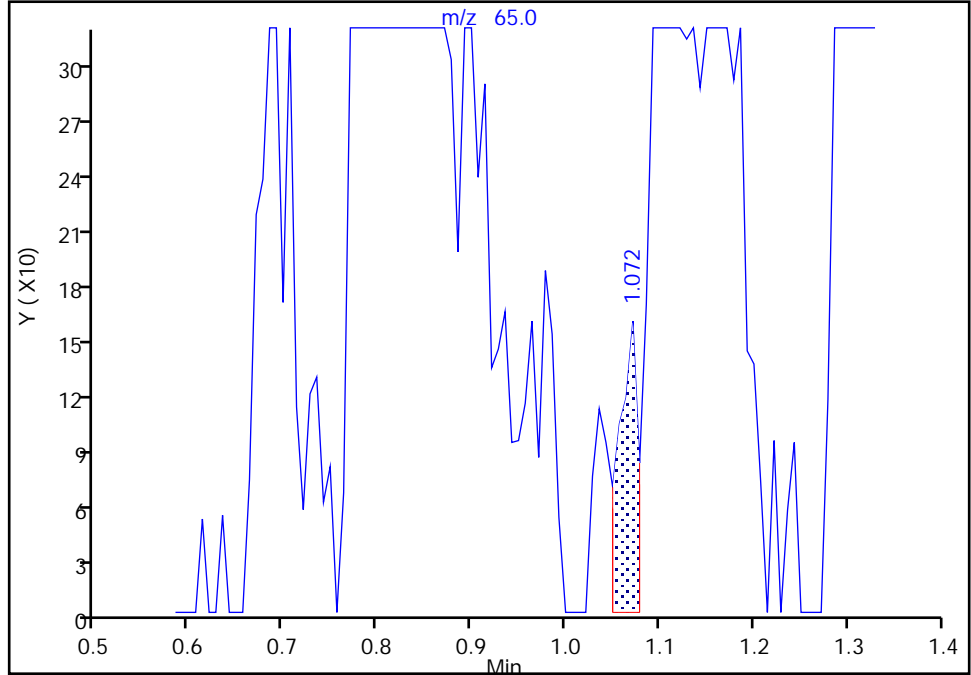
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

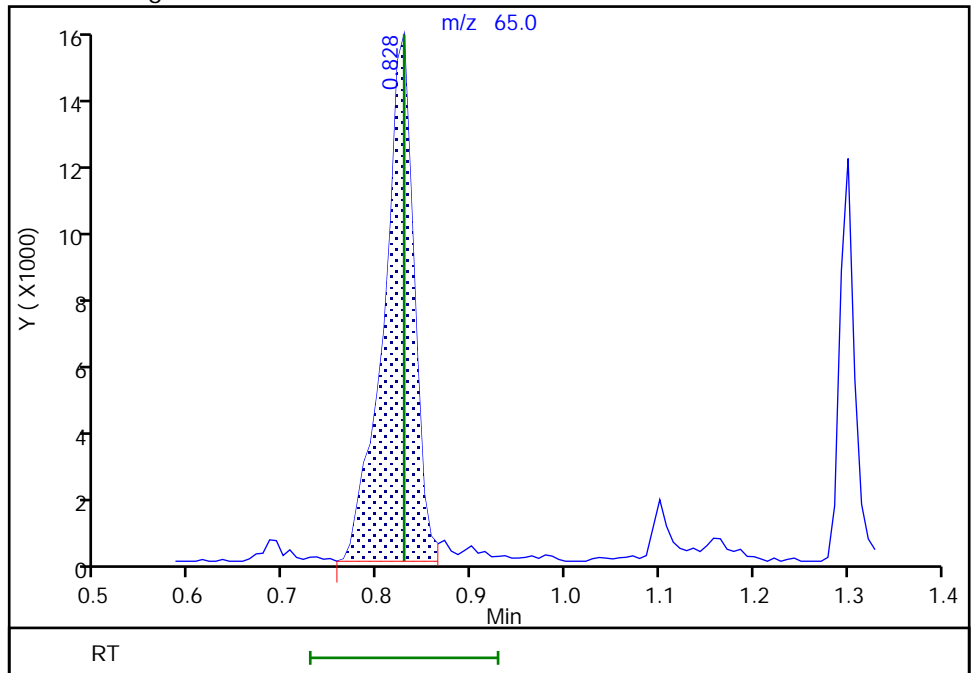
RT: 1.07
Area: 223
Amount: 0.302647
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 34157
Amount: 19.404067
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:32:12
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

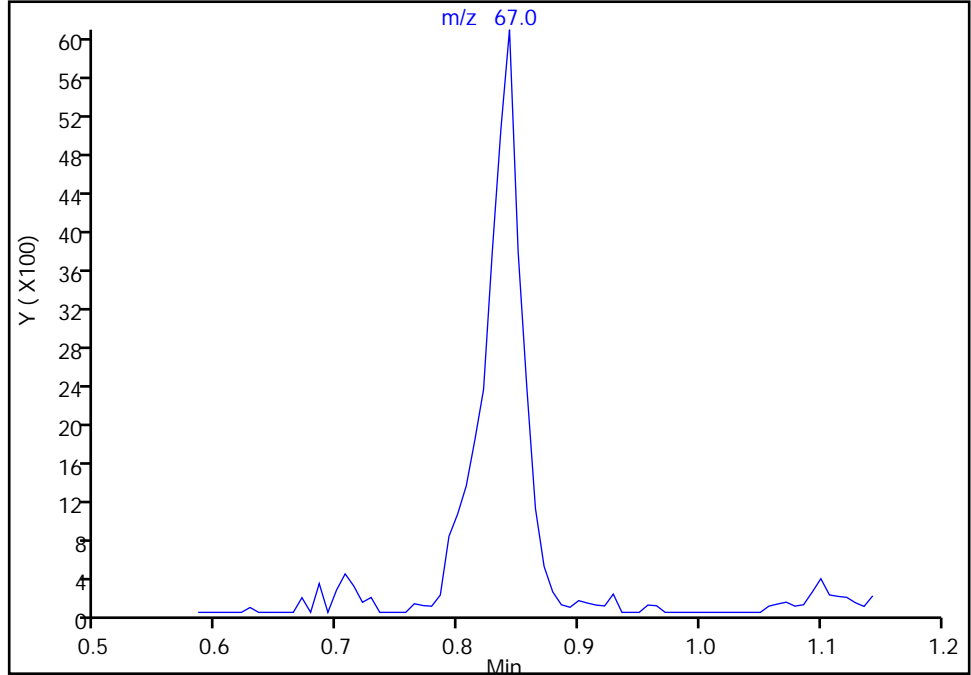
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

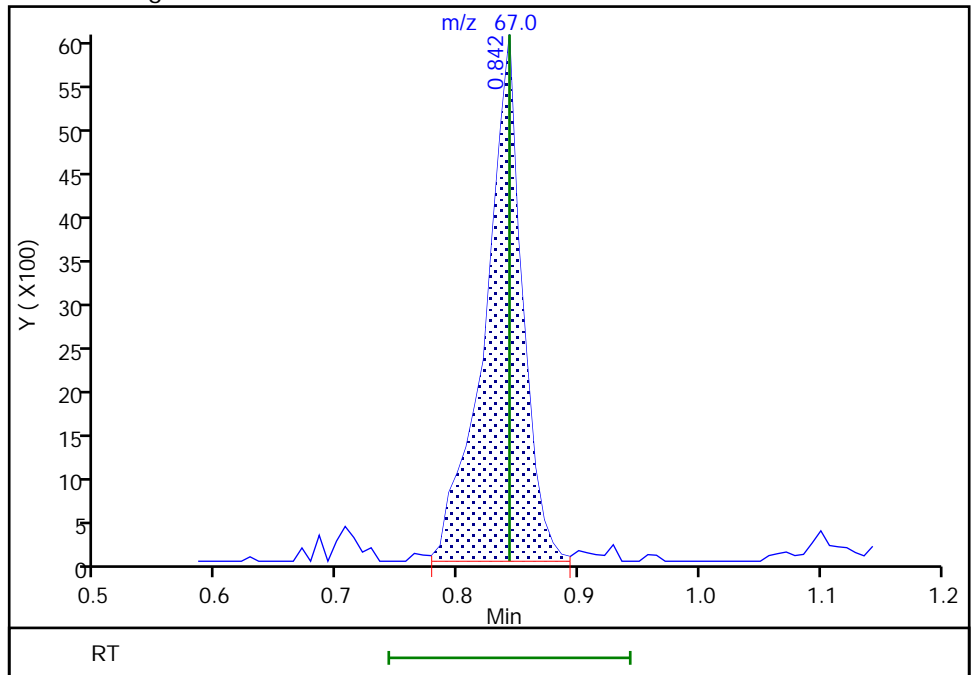
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 13012
Amount: 19.479283
Amount Units: ug/l



Eurofins TestAmerica, Edison

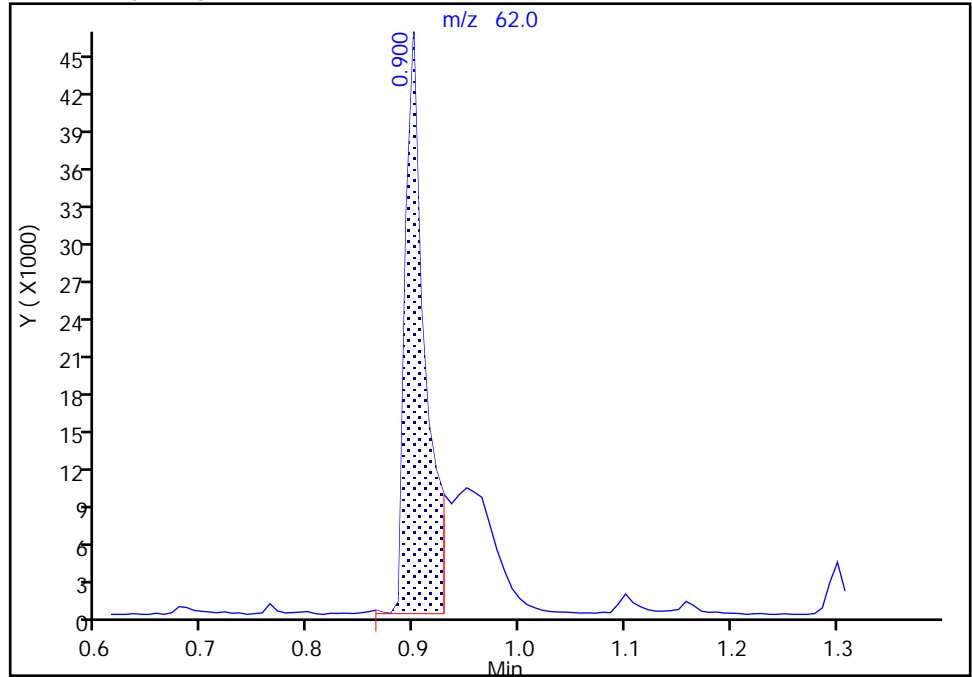
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

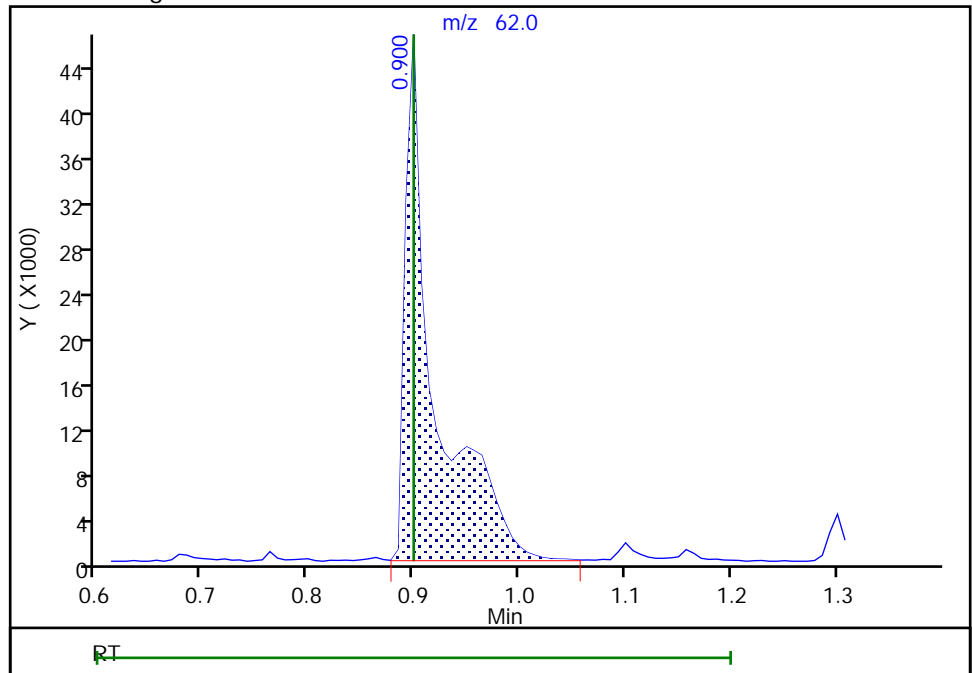
RT: 0.90
Area: 60188
Amount: 12.340852
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 89392
Amount: 19.732297
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:11:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

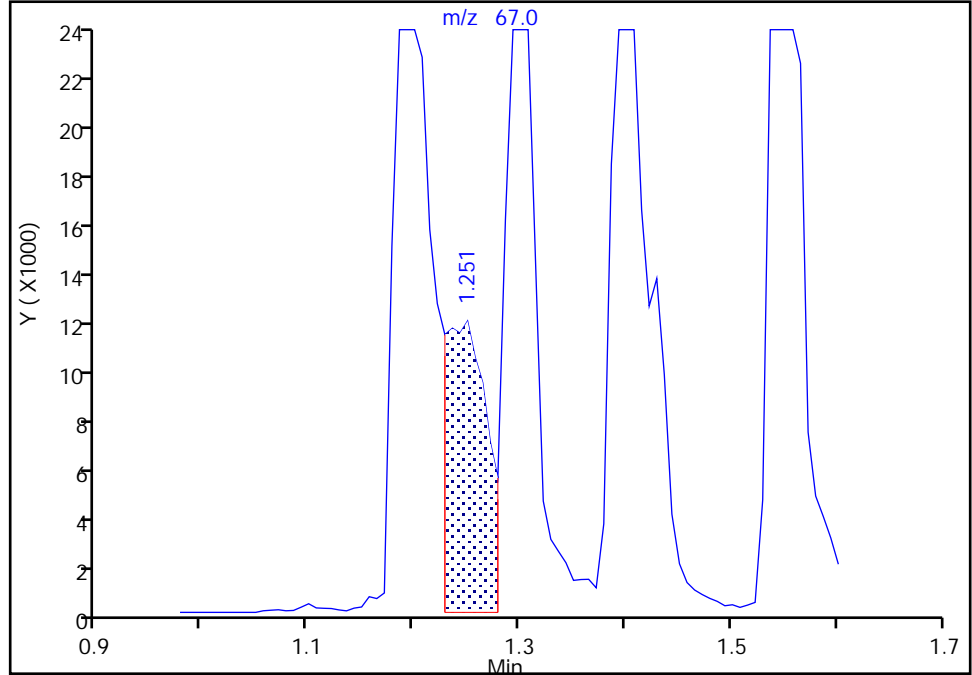
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

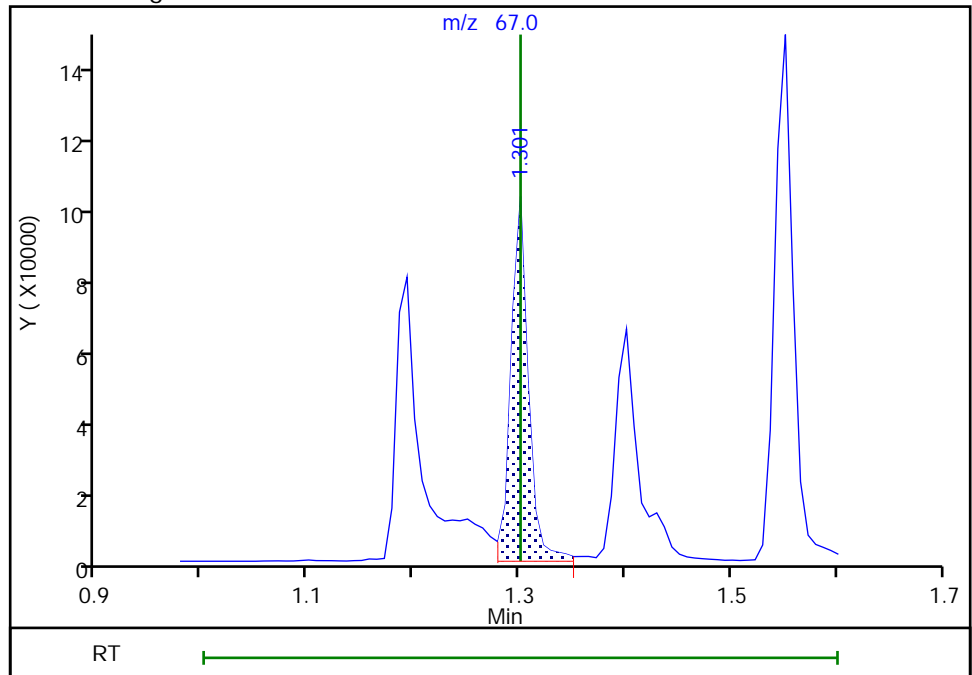
RT: 1.25
Area: 33516
Amount: 5.967561
Amount Units: ug/l

Processing Integration Results



RT: 1.30
Area: 116683
Amount: 19.734228
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

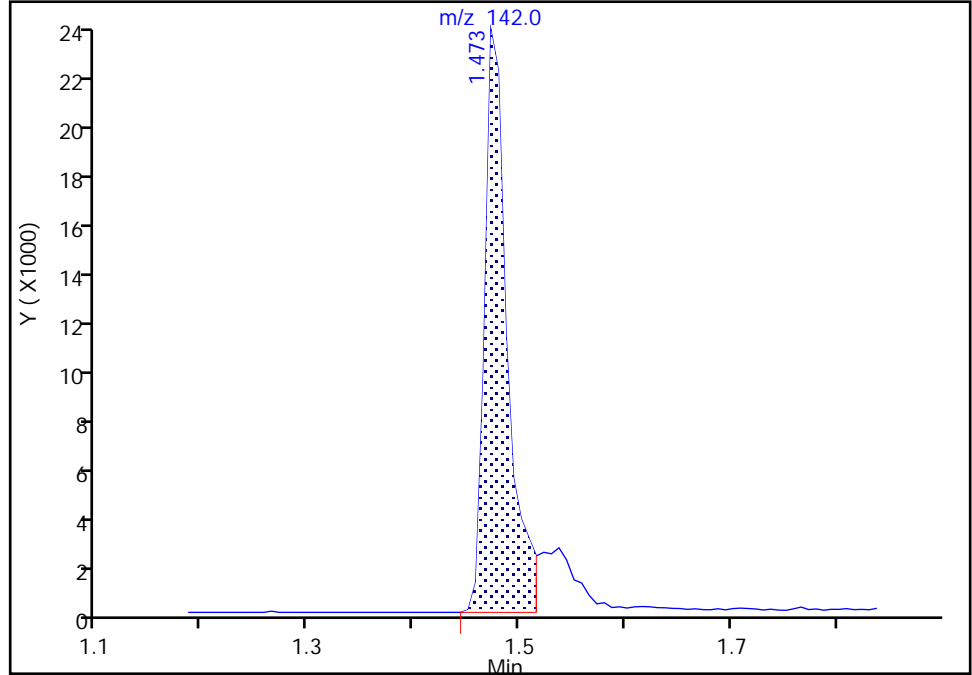
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

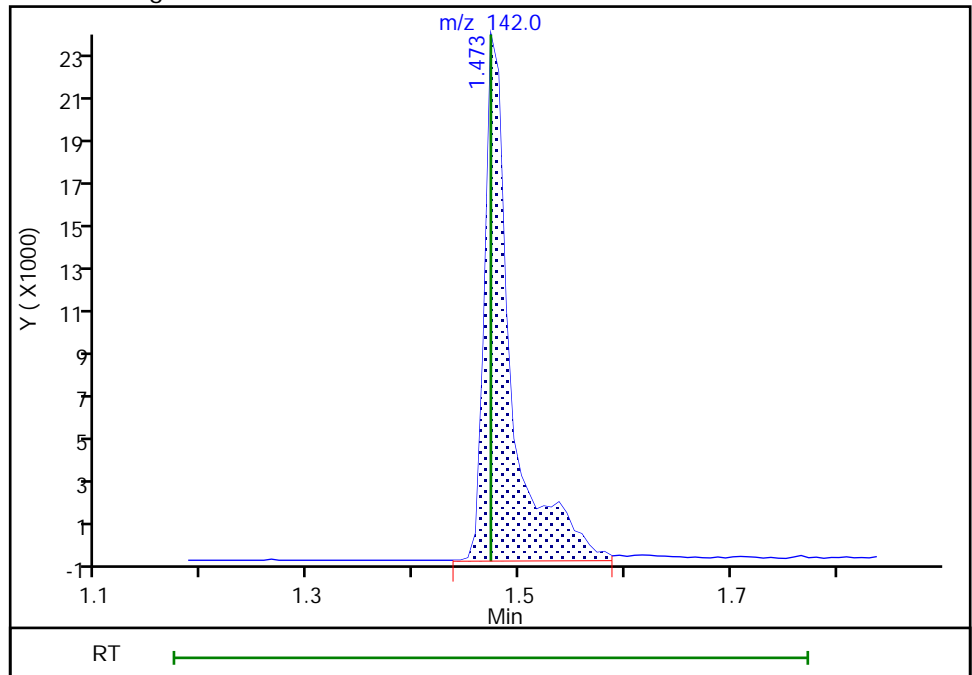
RT: 1.47
Area: 35898
Amount: 11.549856
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 42142
Amount: 10.363655
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:11:54
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

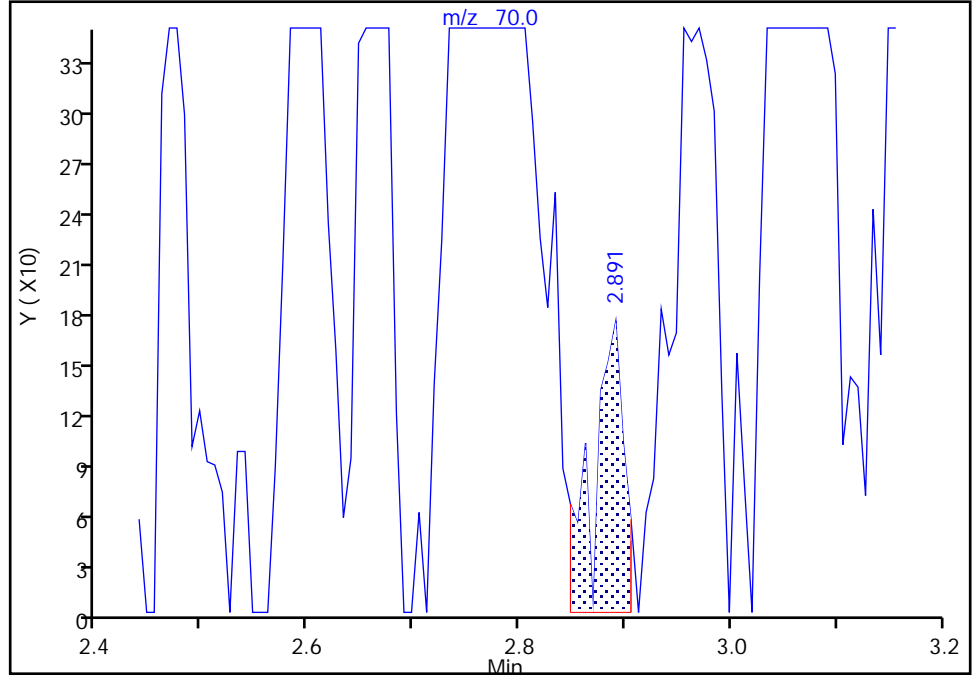
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Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

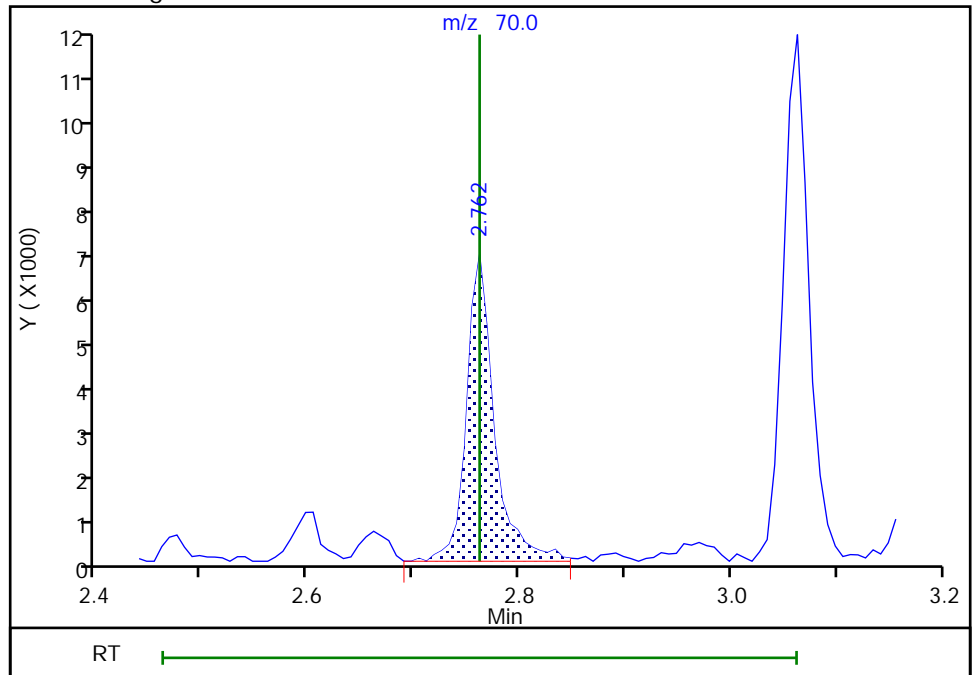
RT: 2.89
Area: 353
Amount: 3.254891
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 11704
Amount: 37.245083
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:12:10
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

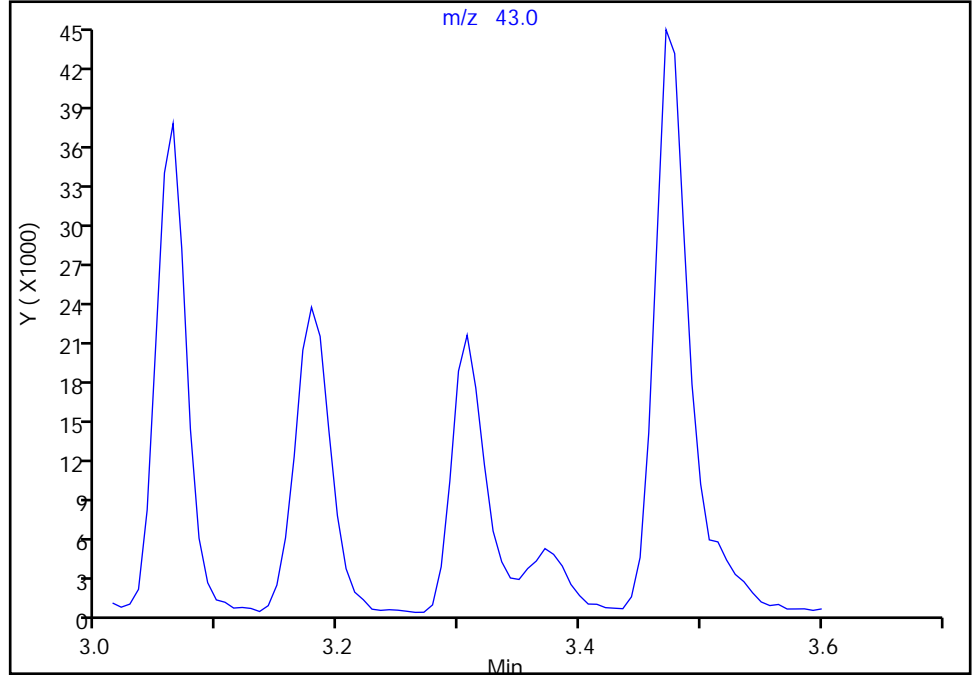
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76755.D
Injection Date: 09-Jul-2020 05:59:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

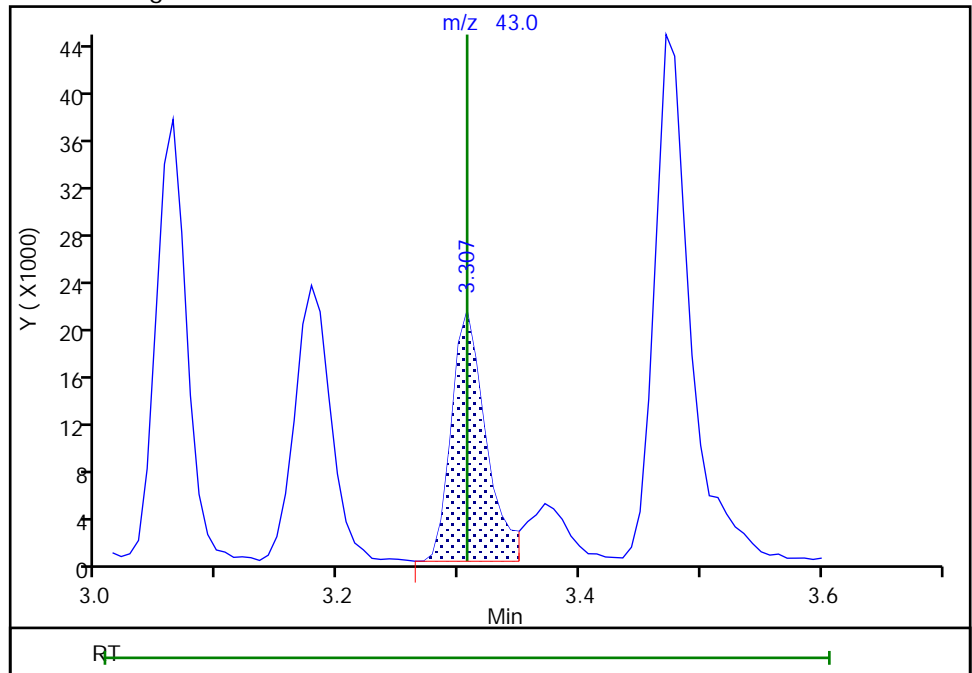
Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results

RT: 3.31
Area: 41718
Amount: 465.3713
Amount Units: ug/l



Reviewer: starzecm, 09-Jul-2020 09:31:56
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 09-Jul-2020 06:26:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0112940-007
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:43:46 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:33:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	89	41703	50.0	43.3	
1 Monochloropentafluoroethane	119	0.771	0.771	0.000	74	9778	50.0	46.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	240897	50.0	46.9	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	86439	50.0	46.0	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	97	32721	50.0	45.9	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	231960	50.0	48.0	M
6 Chloromethane	50	0.900	0.900	0.000	99	311761	50.0	48.3	
8 Butadiene	54	0.900	0.900	0.000	94	208727	50.0	48.2	
9 Bromomethane	94	1.043	1.043	0.000	99	89207	50.0	35.7	
10 Chloroethane	64	1.100	1.100	0.000	100	181764	50.0	51.5	
11 Pentane	72	1.158	1.158	0.000	96	76767	100.0	101.0	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	78	327025	50.0	52.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	390146	50.0	52.2	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	322121	50.0	51.1	
15 Ethyl ether	59	1.308	1.308	0.000	94	169703	50.0	50.1	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	81	265989	50.0	48.5	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	99	172686	50.0	48.0	
19 Carbon disulfide	76	1.415	1.415	0.000	100	633042	50.0	47.5	
16 Ethanol	46	1.415	1.415	0.000	27	39163	2000.0	1950.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	87	164736	50.0	45.6	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	95	265441	50.0	46.6	
22 Iodomethane	142	1.473	1.473	0.000	98	150049	50.0	34.7	M
23 Cyclopentene	67	1.544	1.552	-0.008	97	477023	50.0	47.7	
24 Acrolein	56	1.573	1.573	0.000	96	35494	100.0	96.9	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	110168	50.0	49.2	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	94937	500.0	498.8	
27 Methylene Chloride	84	1.702	1.702	0.000	94	206890	50.0	47.5	
28 Acetone	43	1.731	1.731	0.000	85	197662	250.0	213.5	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	97	184981	50.0	46.2	
30 Methyl acetate	43	1.795	1.795	0.000	100	217944	100.0	107.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	90	42991	50.0	46.6	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	94	501216	50.0	49.8	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	249888	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	139016	500.0	492.7	
35 Acetonitrile	41	1.988	1.989	-0.001	99	183048	500.0	485.8	
36 Isopropyl ether	45	2.067	2.067	0.000	95	537744	50.0	50.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	144909	50.0	47.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	297078	50.0	47.8	
39 Acrylonitrile	53	2.168	2.168	0.000	93	495928	500.0	488.6	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	487287	50.0	49.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	633567	100.0	98.8	
42 cis-1,2-Dichloroethene	96	2.468	2.476	-0.008	98	175607	50.0	48.1	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	96	204731	50.0	47.5	
44 Cyclohexane	56	2.597	2.597	0.000	92	254593	50.0	46.1	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	82889	50.0	49.6	
46 Chloroform	83	2.662	2.662	0.000	98	279795	50.0	47.6	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	177079	50.0	48.2	
49 Methyl acrylate	55	2.762	2.762	0.000	60	118600	50.0	52.4	
48 Ethyl acetate	70	2.762	2.762	0.000	97	30231	100.0	94.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	103799	100.0	95.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	142358	50.0	47.9	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	230098	50.0	48.6	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	100	260566	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	83469	250.0	242.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	94	226309	50.0	47.2	
56 Isooctane	57	2.970	2.970	0.000	98	365296	50.0	44.8	
58 Benzene	78	3.063	3.063	0.000	97	675339	50.0	49.8	
57 n-Heptane	57	3.063	3.063	0.000	90	90003	50.0	44.1	
59 Propionitrile	54	3.092	3.092	0.000	92	182440	500.0	459.0	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	585995	500.0	506.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	166791	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	413821	50.0	50.5	
63 1,2-Dichloroethane	62	3.221	3.228	-0.008	97	209063	50.0	47.3	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	115174	1250.0	1239.6	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	92	72180	500.0	473.1	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	635615	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	266567	50.0	53.1	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	244206	50.0	47.1	
69 Trichloroethene	130	3.543	3.550	-0.007	97	165675	50.0	48.8	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	360722	50.0	50.0	
71 Dibromomethane	93	3.901	3.908	-0.007	97	94428	50.0	49.3	
72 n-Butanol	56	3.922	3.930	-0.008	93	69085	1250.0	1110.8	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	168644	50.0	50.1	
75 Dichlorobromomethane	83	4.073	4.080	-0.007	99	208685	50.0	49.8	
74 Ethyl acrylate	55	4.073	4.080	-0.007	77	160249	50.0	54.5	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	72	24005	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	90	71093	100.0	108.4	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	29996	1000.0	939.1	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	173895	50.0	53.0	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	96	13488	50.1	34.0	
81 cis-1,3-Dichloropropene	75	4.703	4.710	-0.007	96	247910	50.0	52.9	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	548701	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.947	4.954	-0.007	93	689416	50.0	49.7	
84 Epichlorohydrin	57	4.983	4.983	0.000	99	149274	1000.0	1065.8	
85 2-Nitropropane	41	5.205	5.205	0.000	99	59466	100.0	100.5	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	163236	50.0	50.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	96	604856	250.0	266.9	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	223621	50.0	54.0	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	113366	50.0	51.5	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	166545	50.0	50.7	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	143046	50.0	53.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	238154	50.0	53.0	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	97	136045	50.0	56.2	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	176576	50.0	50.5	
95 2-Hexanone	43	6.465	6.473	-0.008	97	415314	250.0	245.5	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	445237	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	419539	50.0	48.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	235614	50.0	49.0	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	142631	50.0	52.7	
100 m-Xylene & p-Xylene	106	7.053	7.060	-0.007	0	295638	50.0	51.2	
101 o-Xylene	106	7.640	7.640	0.000	94	279851	50.0	52.0	
102 Bromoform	173	7.705	7.705	0.000	94	81630	50.0	53.3	
103 Styrene	104	7.726	7.733	-0.007	95	472593	50.0	53.9	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	97	96252	50.0	52.2	
105 Isopropylbenzene	105	8.120	8.127	-0.007	96	737860	50.0	50.8	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	233594	50.0	52.1	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	90	182918	50.0	51.4	
108 Bromobenzene	156	8.593	8.600	-0.007	97	187832	50.0	48.8	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	906751	50.0	50.4	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	156301	50.0	49.8	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	619899	50.0	49.3	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	756188	50.0	50.5	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	45104	50.0	51.0	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	621596	50.0	49.8	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	84	39108	50.0	46.1	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	565747	50.0	50.5	
117 tert-Butylbenzene	119	9.560	9.560	0.000	94	521875	50.0	50.5	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	639182	50.0	50.5	
119 Butyl Methacrylate	87	9.703	9.710	-0.007	96	195255	50.0	52.2	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	794959	50.0	49.3	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	369280	50.0	50.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	673695	50.0	51.1	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	251336	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	96	380084	50.0	47.6	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	670779	50.0	50.5	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	669740	50.0	50.7	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	48424	50.0	52.8	
128 p-Diethylbenzene	119	10.742	10.742	0.000	94	343584	50.0	51.1	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	629710	50.0	50.2	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	365424	50.0	49.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	98	637766	50.0	52.0	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	93	31232	50.0	53.9	
133 1,3,5-Trichlorobenzene	180	12.124	12.131	-0.007	97	279540	50.0	50.0	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	252221	50.0	51.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	89286	50.0	49.2	
136 Naphthalene	128	13.127	13.127	0.000	99	531313	50.0	53.9	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	95	223239	50.0	48.7	
S 138 1,2-Dichloroethene, Total	100				0		100.0	94.3	
S 139 1,3-Dichloropropene, Total	100				0		100.0	106.9	
S 140 Xylenes, Total	100				0		100.0	103.3	
S 142 Total BTEX	1				0		250.0	251.8	

QC Flag Legend

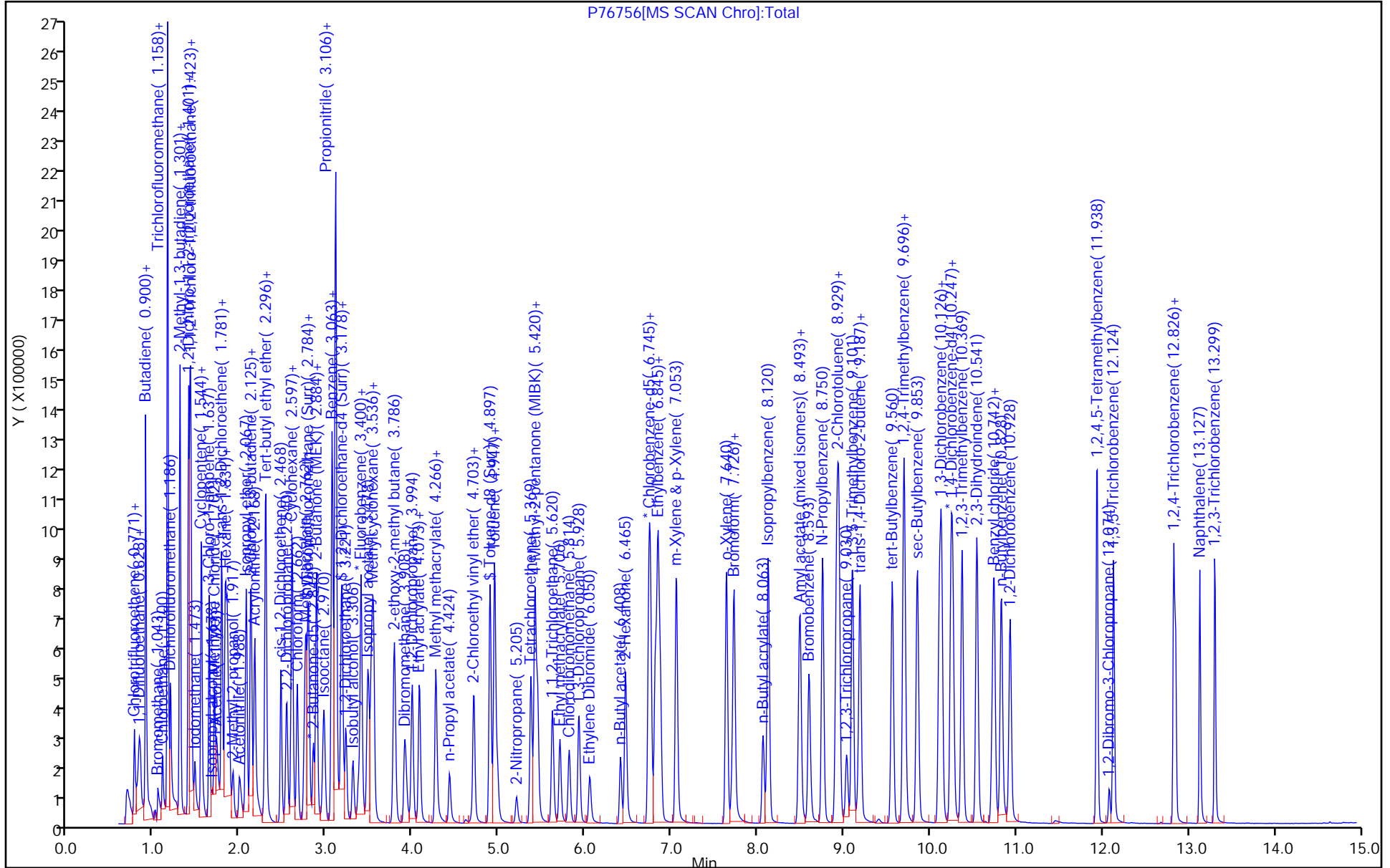
Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 10.00	Units: uL	
GASES Li_00376	Amount Added: 50.00	Units: uL	
524freon_00024	Amount Added: 50.00	Units: uL	
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8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent



Eurofins TestAmerica, Edison

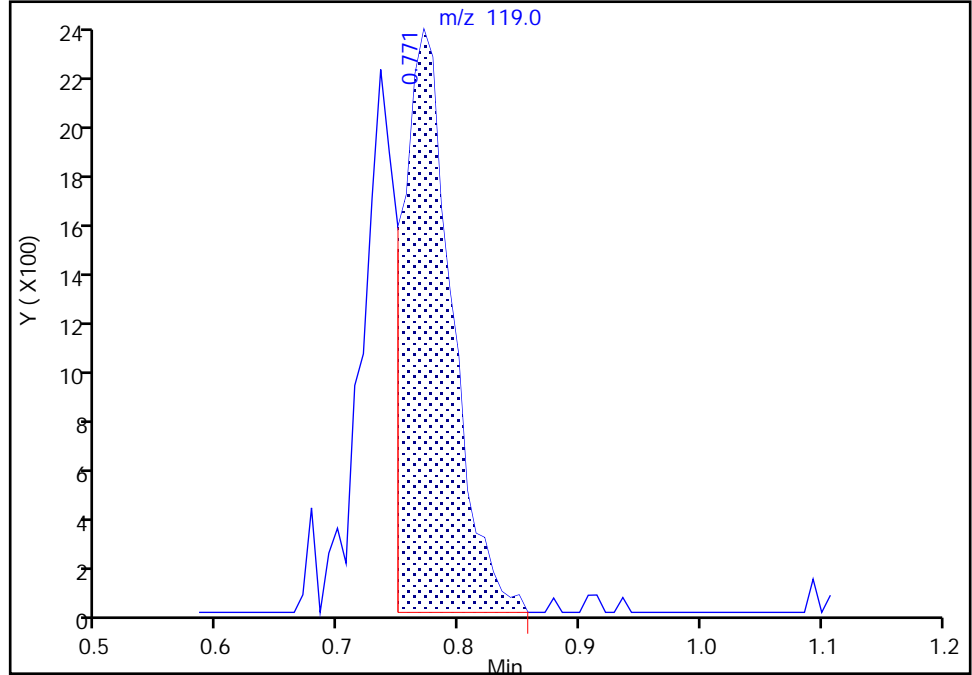
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Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

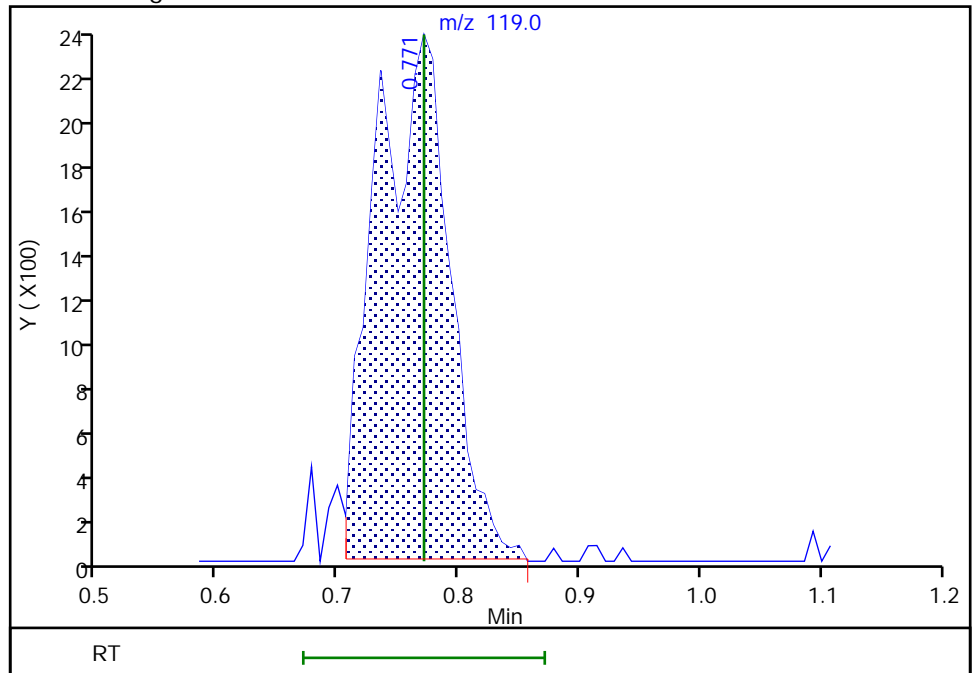
RT: 0.77
Area: 6542
Amount: 36.952072
Amount Units: ug/l

Processing Integration Results



RT: 0.77
Area: 9778
Amount: 46.606370
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:05:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

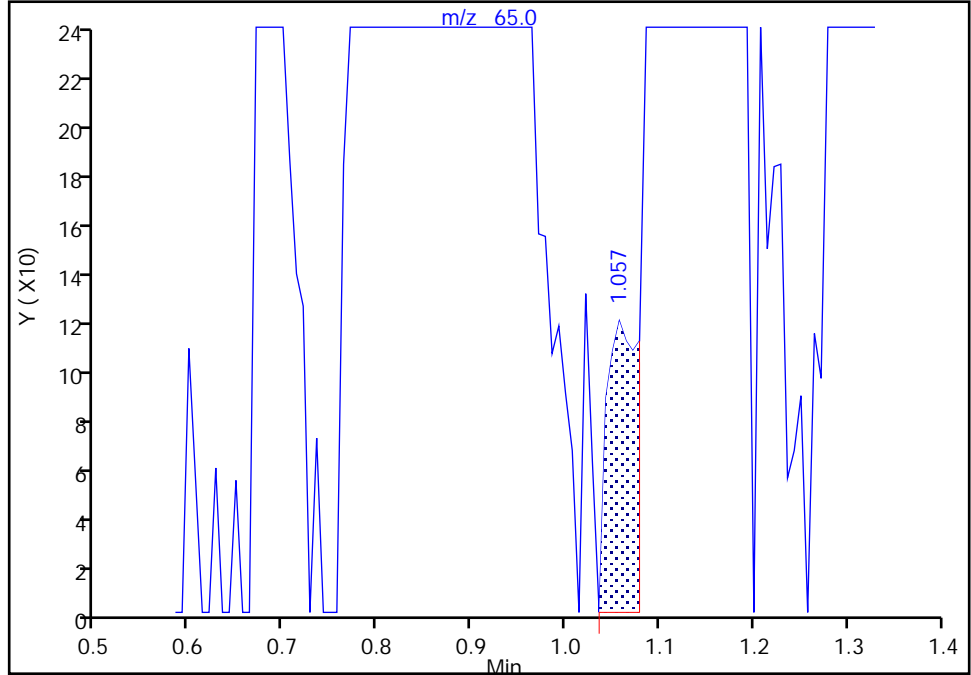
ALS Bottle#: 6 Worklist Smp#: 7
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

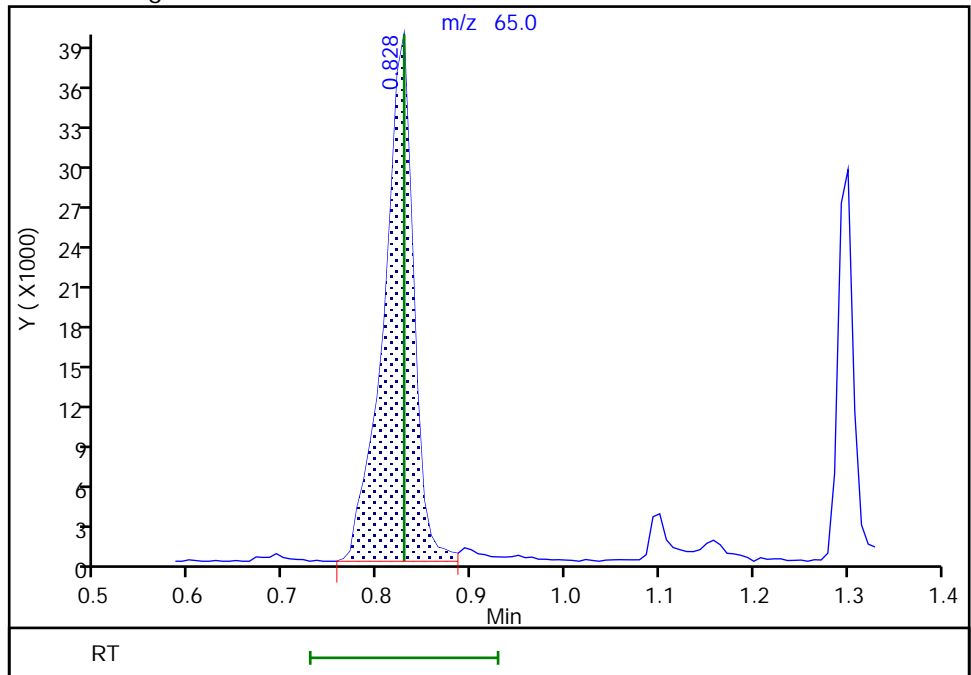
RT: 1.06
Area: 271
Amount: 0.249178
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 86439
Amount: 46.036240
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

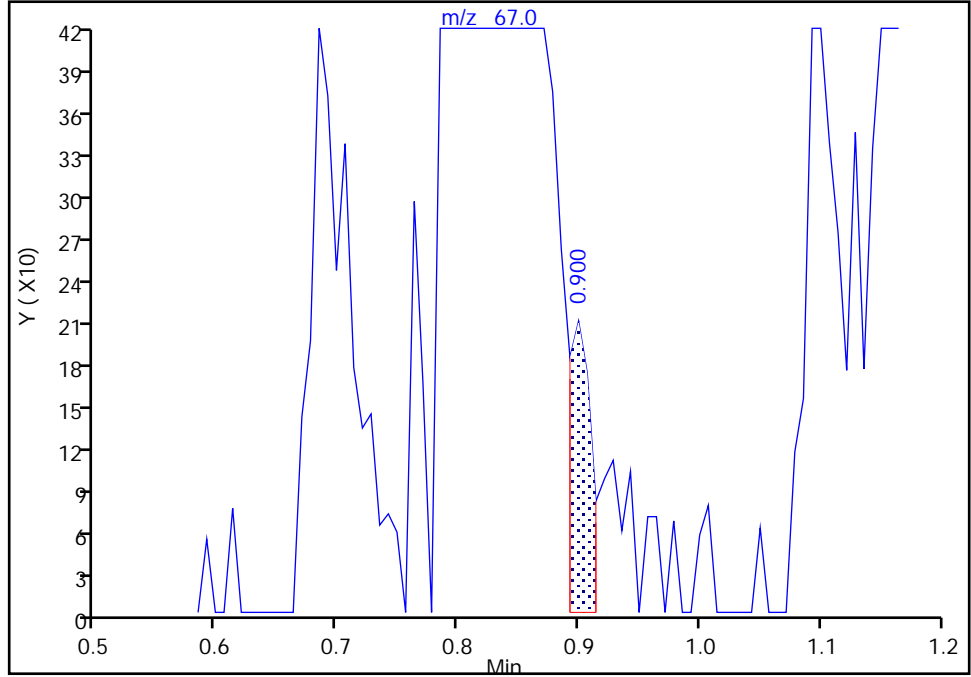
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

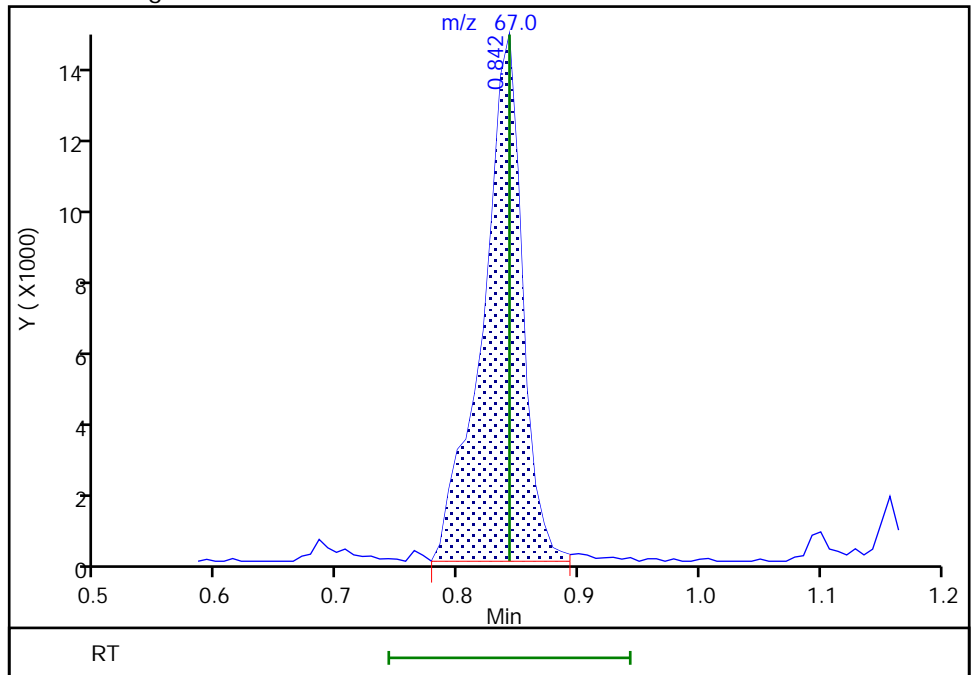
RT: 0.90
Area: 274
Amount: 0.546990
Amount Units: ug/l

Processing Integration Results



RT: 0.84
Area: 32721
Amount: 45.923242
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76756.D
Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

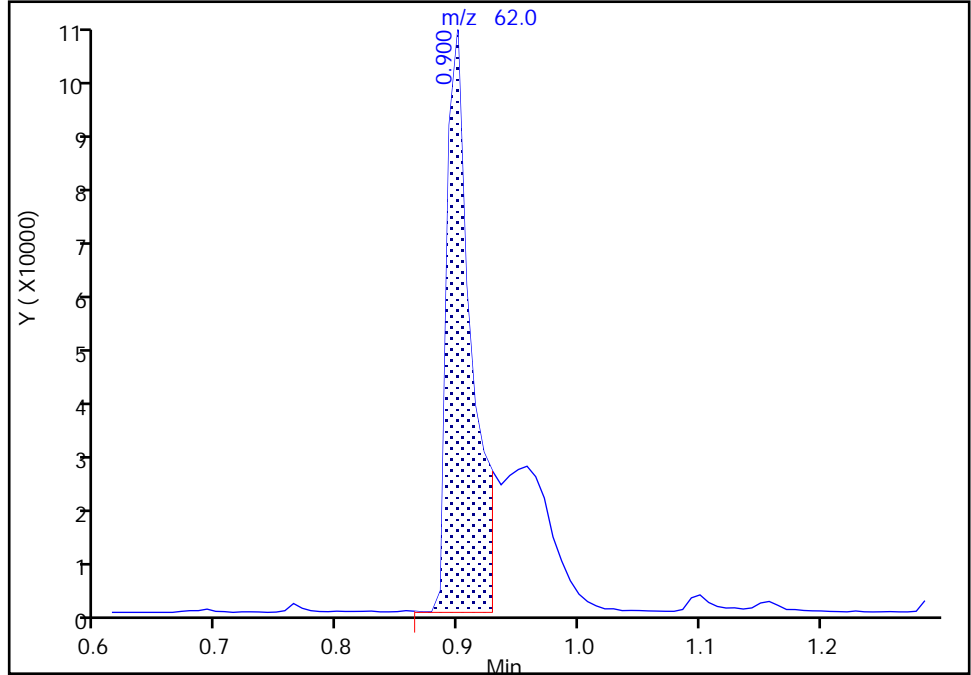
ALS Bottle#: 6 Worklist Smp#: 7
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

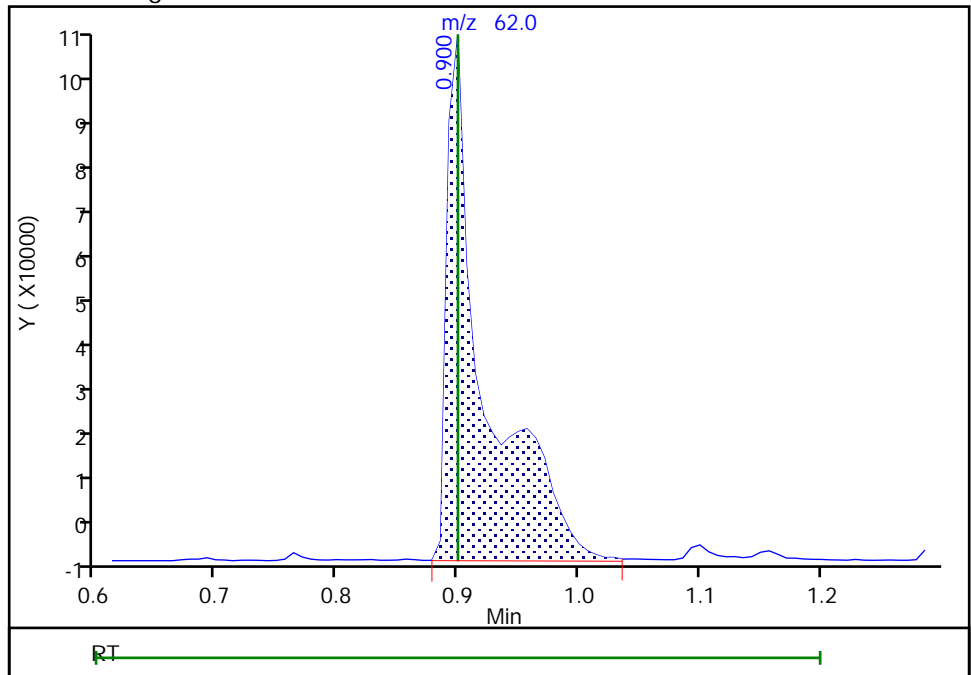
RT: 0.90
Area: 152232
Amount: 29.572713
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 231960
Amount: 48.003085
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:12
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

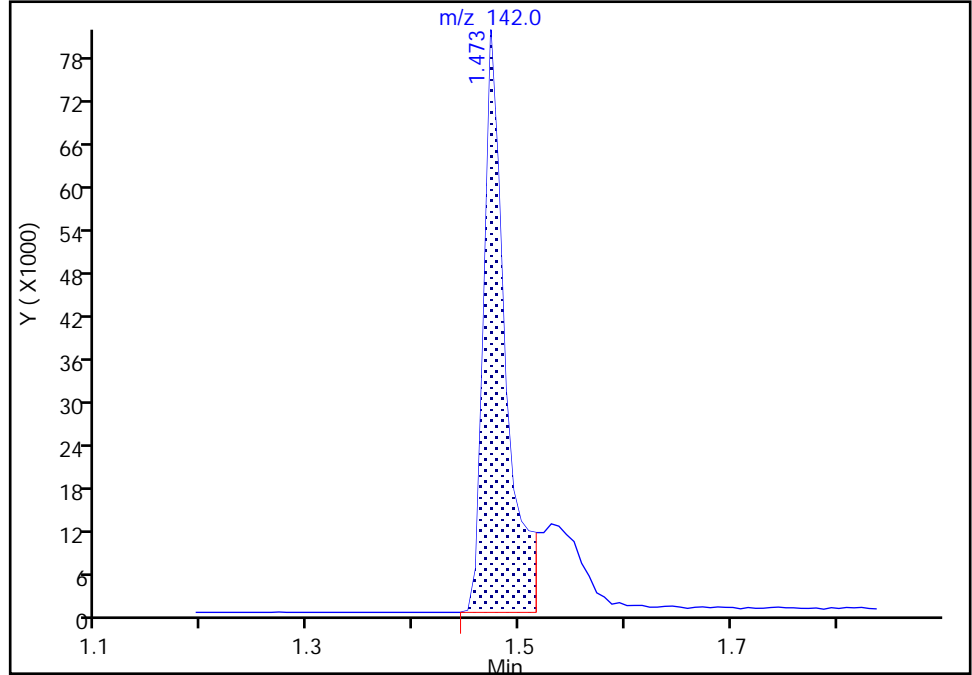
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

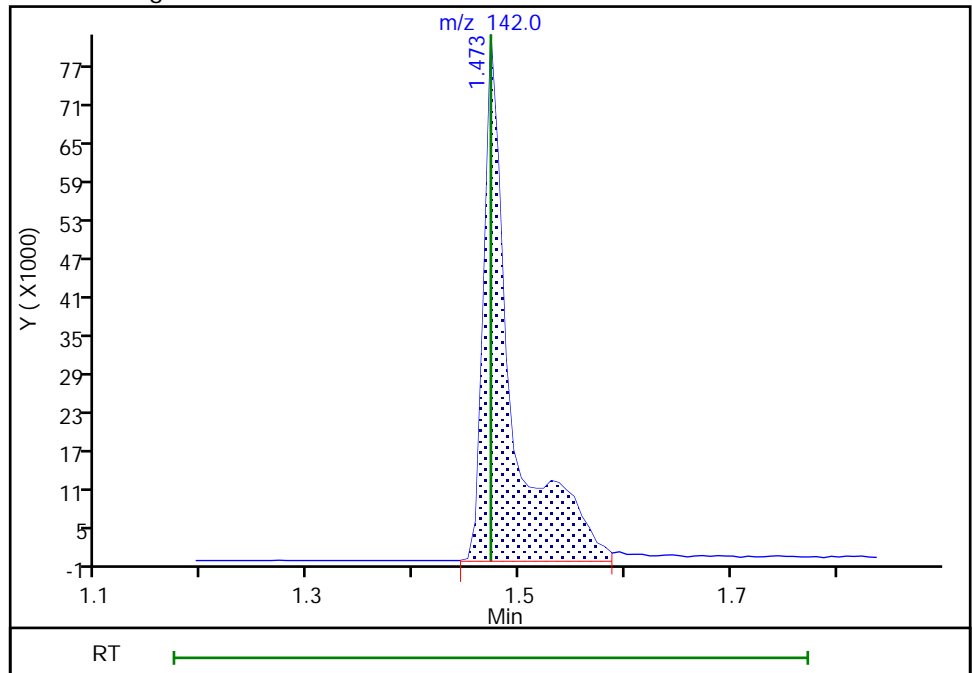
RT: 1.47
Area: 117177
Amount: 35.520111
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 150049
Amount: 34.716250
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

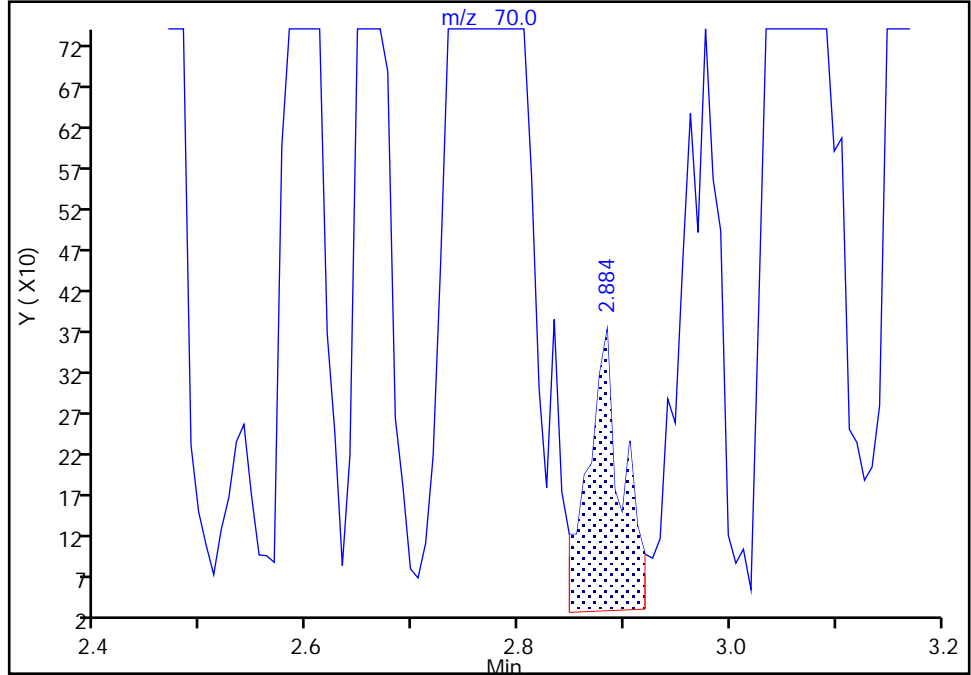
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

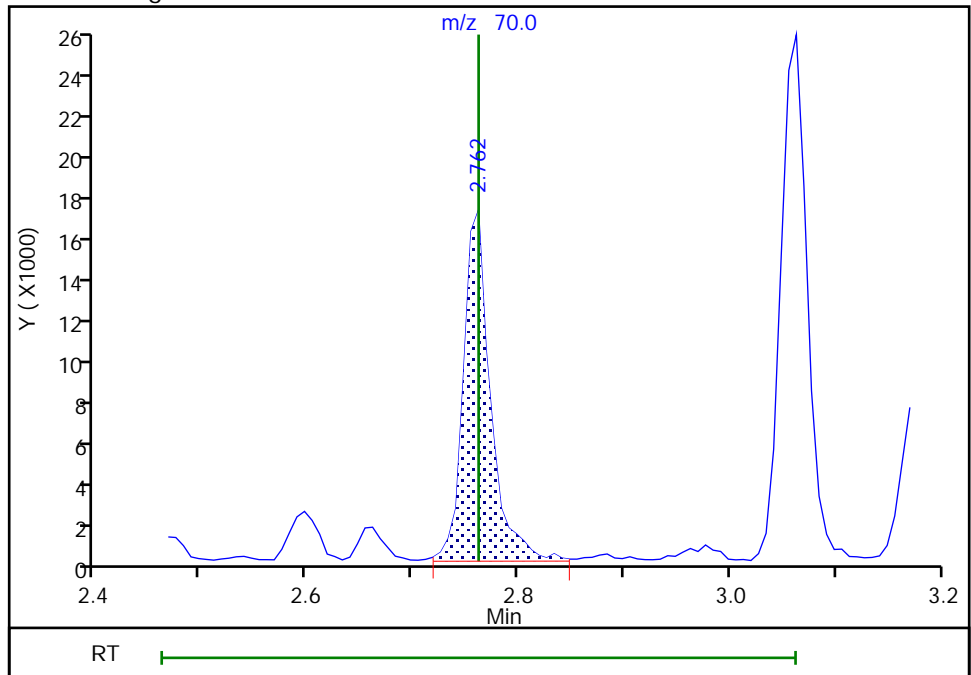
RT: 2.88
Area: 777
Amount: 4.880346
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 30231
Amount: 94.110750
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:13:38
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

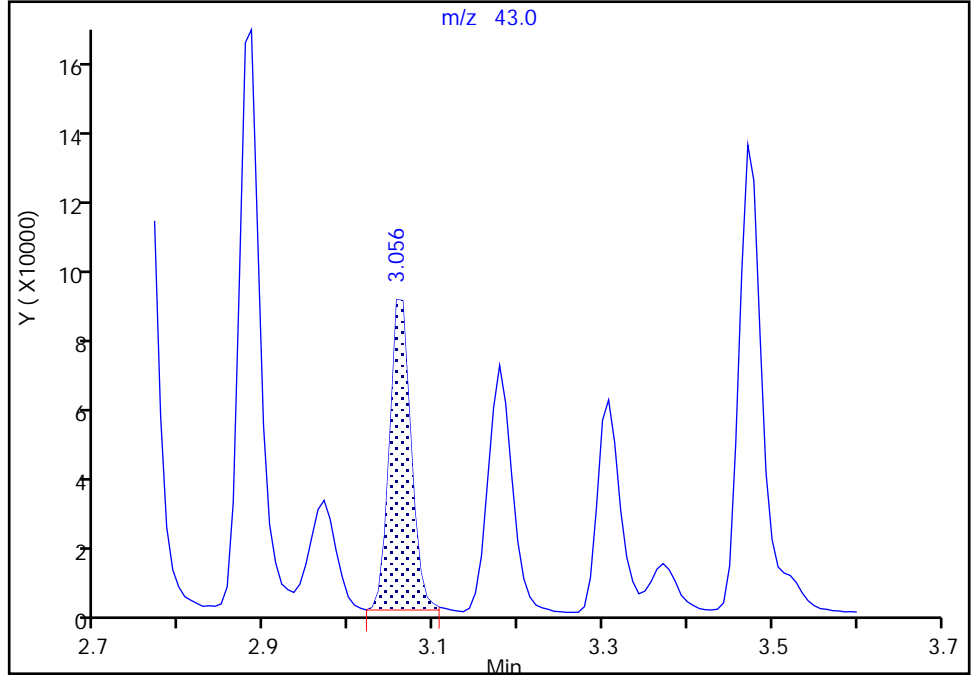
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Injection Date: 09-Jul-2020 06:26:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

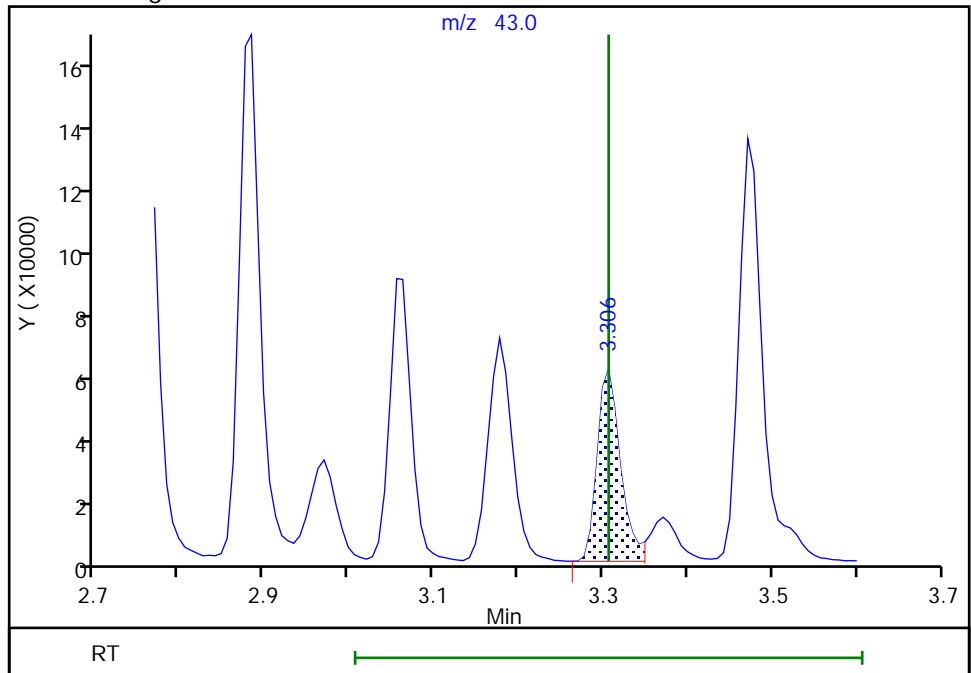
RT: 3.06
Area: 154103
Amount: 1793.3839
Amount Units: ug/l

Processing Integration Results



RT: 3.31
Area: 115174
Amount: 1239.6024
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:33:21
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76757.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 09-Jul-2020 06:52:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0112940-008
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:06 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:31:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	210958	200.0	206.7	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	36921	200.0	166.0	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	926541	200.0	170.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	97	359256	200.0	180.5	a
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	96	136972	200.0	181.3	a
7 Vinyl chloride	62	0.900	0.900	0.000	98	944080	200.0	184.3	
6 Chloromethane	50	0.907	0.900	0.007	97	1270504	200.0	185.6	
8 Butadiene	54	0.907	0.900	0.007	87	880003	200.0	191.8	
9 Bromomethane	94	1.043	1.043	0.000	99	510330	200.0	207.5	
10 Chloroethane	64	1.100	1.100	0.000	100	737107	200.0	197.2	
11 Pentane	72	1.158	1.158	0.000	96	336798	400.0	419.7	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	98	1334838	200.0	203.7	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	1584197	200.0	199.8	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	1346019	200.0	201.3	
15 Ethyl ether	59	1.308	1.308	0.000	94	729232	200.0	203.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	756586	200.0	198.5	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	84	1194476	200.0	205.5	
19 Carbon disulfide	76	1.423	1.415	0.008	100	2803044	200.0	198.2	
16 Ethanol	46	1.415	1.415	0.000	30	170592	8000.0	8042.3	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	67	756495	200.0	197.6	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	95	1205033	200.0	199.4	a
22 Iodomethane	142	1.473	1.473	0.000	99	928245	200.0	207.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	2080605	200.0	196.4	
24 Acrolein	56	1.573	1.573	0.000	95	79542	200.0	205.8	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	90	487404	200.0	205.4	
26 Isopropyl alcohol	45	1.673	1.666	0.007	97	393953	2000.0	1960.9	
27 Methylene Chloride	84	1.702	1.702	0.000	95	891892	200.0	193.1	
28 Acetone	43	1.731	1.731	0.000	86	915863	1000.0	932.6	
29 trans-1,2-Dichloroethene	96	1.781	1.781	0.000	98	804605	200.0	189.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	857882	400.0	400.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	89	198616	200.0	202.9	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	2236030	200.0	209.7	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	263746	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.917	1.917	0.000	99	589791	2000.0	2002.5	
35 Acetonitrile	41	1.988	1.989	-0.001	99	810110	2000.0	2037.1	
36 Isopropyl ether	45	2.067	2.067	0.000	95	2373654	200.0	209.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	642115	200.0	197.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	1297156	200.0	196.8	
39 Acrylonitrile	53	2.168	2.168	0.000	92	2130580	2000.0	1980.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	2232497	200.0	214.7	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	2778013	400.0	408.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	749020	200.0	193.4	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	923033	200.0	201.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	1163988	200.0	198.6	
45 Chlorobromomethane	128	2.604	2.605	-0.001	90	361079	200.0	203.9	
46 Chloroform	83	2.662	2.662	0.000	98	1209229	200.0	194.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	799899	200.0	205.6	
49 Methyl acrylate	55	2.762	2.762	0.000	58	518354	200.0	215.9	
48 Ethyl acetate	70	2.762	2.762	0.000	99	133991	400.0	393.3	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	96	456372	400.0	393.7	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	96	154205	50.0	49.0	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	1005073	200.0	200.2	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	276331	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	100	376866	1000.0	1032.6	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	961863	200.0	189.4	
56 Isooctane	57	2.970	2.970	0.000	98	1721821	200.0	199.4	
58 Benzene	78	3.070	3.063	0.007	97	2907166	200.0	197.4	
57 n-Heptane	57	3.063	3.063	0.000	92	416923	200.0	192.8	
59 Propionitrile	54	3.099	3.092	0.007	90	833620	2000.0	1987.0	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	2641849	2000.0	2151.9	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	189891	50.0	50.3	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	1901391	200.0	219.0	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	911148	200.0	194.6	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	536648	5000.0	5472.4	a
65 t-Amyl alcohol	59	3.371	3.371	0.000	94	358171	2000.0	2224.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	673782	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	99	1135087	200.0	213.4	
68 Methylcyclohexane	83	3.529	3.521	0.008	96	1136795	200.0	206.8	
69 Trichloroethene	130	3.543	3.550	-0.007	98	734821	200.0	204.1	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	1667231	200.0	218.2	
71 Dibromomethane	93	3.901	3.908	-0.007	97	411556	200.0	202.5	
72 n-Butanol	56	3.922	3.930	-0.008	90	345195	5000.0	5064.1	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	88	733515	200.0	205.7	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	935502	200.0	210.7	
74 Ethyl acrylate	55	4.073	4.080	-0.007	98	746067	200.0	214.1	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	70	25999	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	89	312979	400.0	450.3	
78 1,4-Dioxane	88	4.281	4.281	0.000	94	128381	4000.0	3710.9	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	785712	200.0	210.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	116735	200.5	277.8	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	1126673	200.0	221.4	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	595123	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	4.954	4.954	0.000	93	3004811	200.0	199.4	
84 Epichlorohydrin	57	4.983	4.983	0.000	100	775187	4000.0	5219.2	
85 2-Nitropropane	41	5.205	5.205	0.000	98	283645	400.0	452.3	
86 Tetrachloroethene	166	5.369	5.369	0.000	98	708370	200.0	201.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	2651666	1000.0	1103.2	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	96	1036825	200.0	230.2	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	95	492730	200.0	206.1	
90 Ethyl methacrylate	69	5.706	5.713	-0.007	89	751130	200.0	206.3	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	652001	200.0	225.9	
92 1,3-Dichloropropane	76	5.928	5.928	0.000	94	1021792	200.0	209.2	
93 Ethylene Dibromide	107	6.050	6.057	-0.007	98	583888	200.0	222.1	
94 n-Butyl acetate	43	6.408	6.415	-0.007	98	831753	200.0	209.6	
95 2-Hexanone	43	6.465	6.473	-0.008	96	1839092	1000.0	1002.8	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	483854	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	93	1856451	200.0	196.6	
98 Ethylbenzene	106	6.845	6.845	0.000	99	1040894	200.0	199.1	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	655793	200.0	223.2	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	1267399	200.0	202.0	
101 o-Xylene	106	7.640	7.640	0.000	94	1224952	200.0	209.6	
102 Bromoform	173	7.705	7.705	0.000	94	404601	200.0	217.6	
103 Styrene	104	7.726	7.733	-0.007	94	2102932	200.0	220.8	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	454680	200.0	211.6	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	3228998	200.0	204.7	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	90	1067680	200.0	202.7	
\$ 107 4-Bromofluorobenzene	174	8.493	8.493	-0.001	89	196751	50.0	50.8	
108 Bromobenzene	156	8.593	8.600	-0.007	97	836738	200.0	196.7	
109 N-Propylbenzene	91	8.758	8.758	0.000	99	4030225	200.0	202.7	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	717403	200.0	206.5	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	2778464	200.0	199.9	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	3396942	200.0	205.1	
113 1,2,3-Trichloropropane	110	9.037	9.037	0.000	97	198565	200.0	203.1	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	2817651	200.0	204.2	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	88	204631	200.0	202.0	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	2549234	200.0	205.6	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	2301077	200.0	201.2	
118 1,2,4-Trimethylbenzene	105	9.696	9.696	0.000	98	3023621	200.0	215.9	
119 Butyl Methacrylate	87	9.710	9.710	0.000	96	1035669	200.0	216.3	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	98	3633016	200.0	203.7	
121 1,3-Dichlorobenzene	146	10.104	10.111	-0.007	96	1642154	200.0	203.6	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	97	3076905	200.0	211.1	
* 123 1,4-Dichlorobenzene-d4	152	10.247	10.240	0.007	96	277992	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.269	10.262	0.007	94	1673004	200.0	189.4	
125 1,2,3-Trimethylbenzene	105	10.376	10.369	0.007	99	3092023	200.0	210.4	
126 2,3-Dihydroindene	117	10.548	10.541	0.007	94	3033315	200.0	207.5	
127 Benzyl chloride	126	10.720	10.727	-0.007	98	268300	200.0	218.1	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	1617831	200.0	217.8	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	2964654	200.0	213.7	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	95	1652273	200.0	204.2	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	2925186	200.0	215.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.081	-0.007	95	141172	200.0	220.3	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	1233706	200.0	199.4	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	1092552	200.0	202.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	94	385966	200.0	192.3	
136 Naphthalene	128	13.127	13.127	0.000	99	2317587	200.0	212.6	
137 1,2,3-Trichlorobenzene	180	13.299	13.306	-0.007	96	974994	200.0	192.3	
S 138 1,2-Dichloroethene, Total	100				0		400.0	383.1	
S 139 1,3-Dichloropropene, Total	100				0		400.0	451.6	
S 140 Xylenes, Total	100				0		400.0	411.6	
S 142 Total BTEX	1				0		1000.0	1007.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00108	Amount Added: 20.00	Units: uL	
GAS Hi_00365	Amount Added: 20.00	Units: uL	
8FreonHi_00020	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00100	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	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00209	Amount Added: 1.00	Units: uL	Run Reagent

Data File: \\chromf\Edison\ChromData\CVOAMS13\20200709-112940.b\p76757.D

Injection Date: 09-Jul-2020 06:52:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD200

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

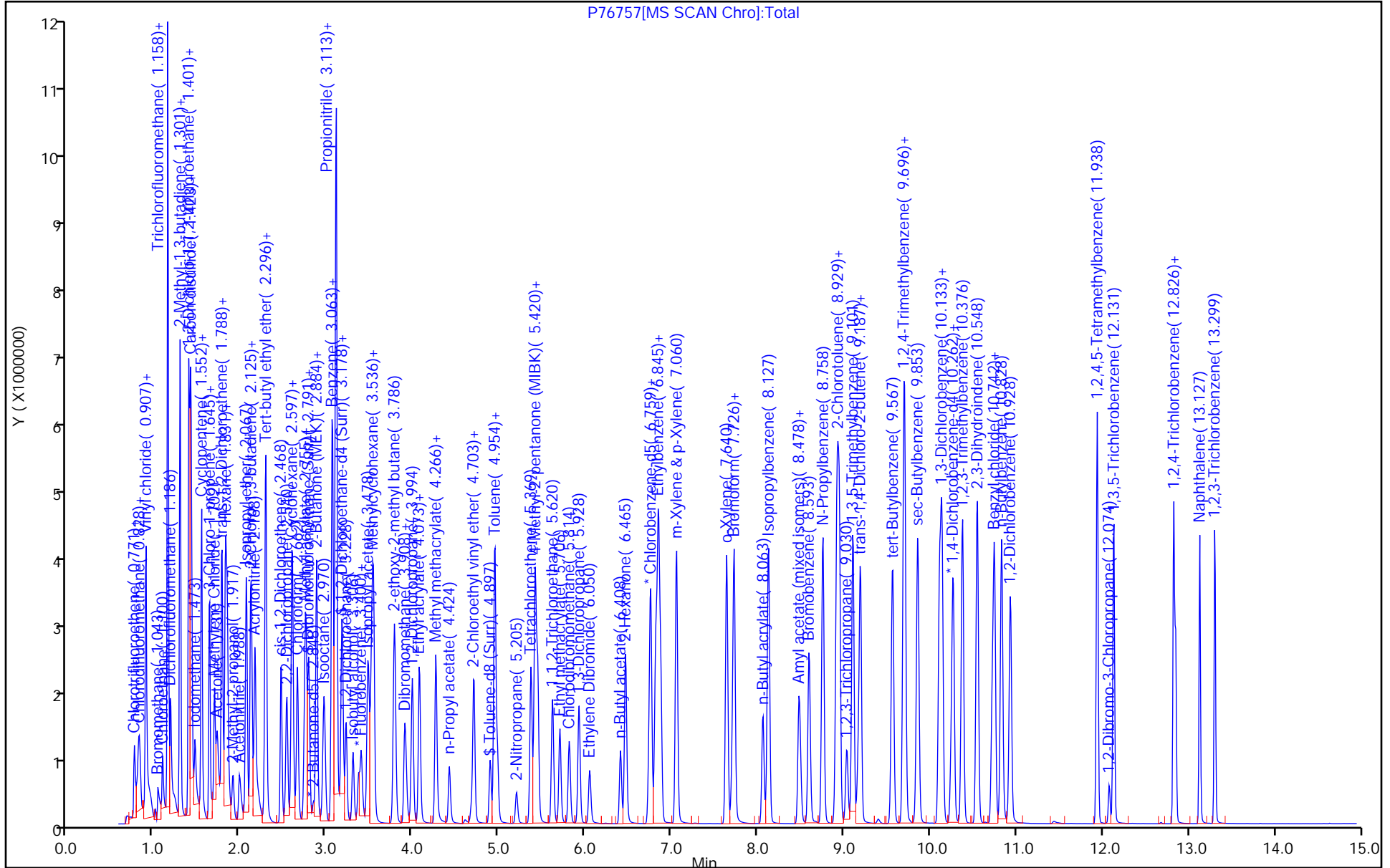
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D

Injection Date: 09-Jul-2020 06:52:30

Instrument ID: CVOAMS13

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

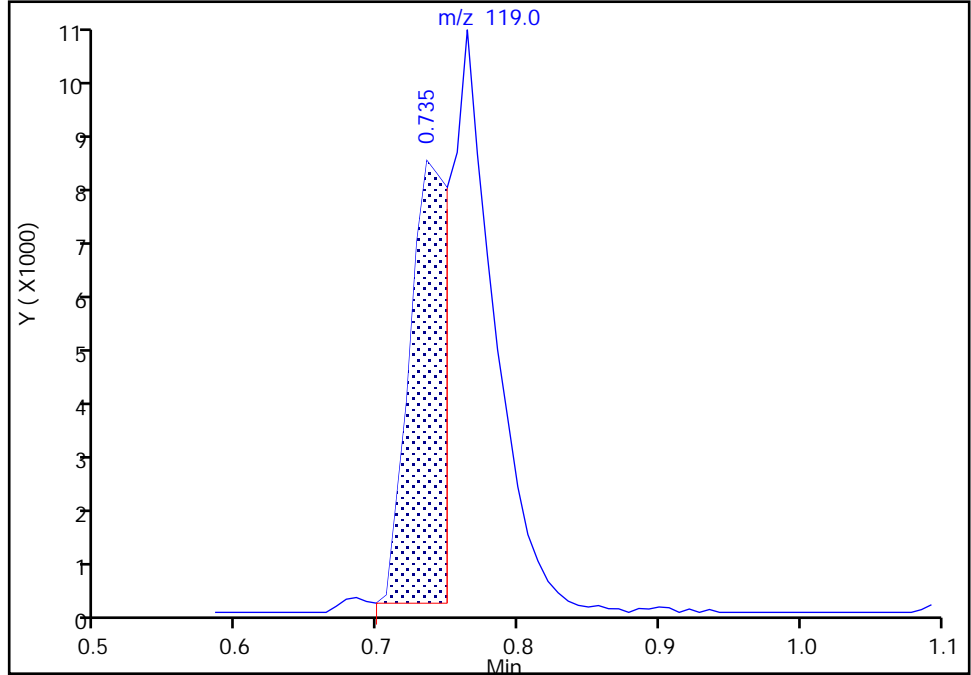
MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

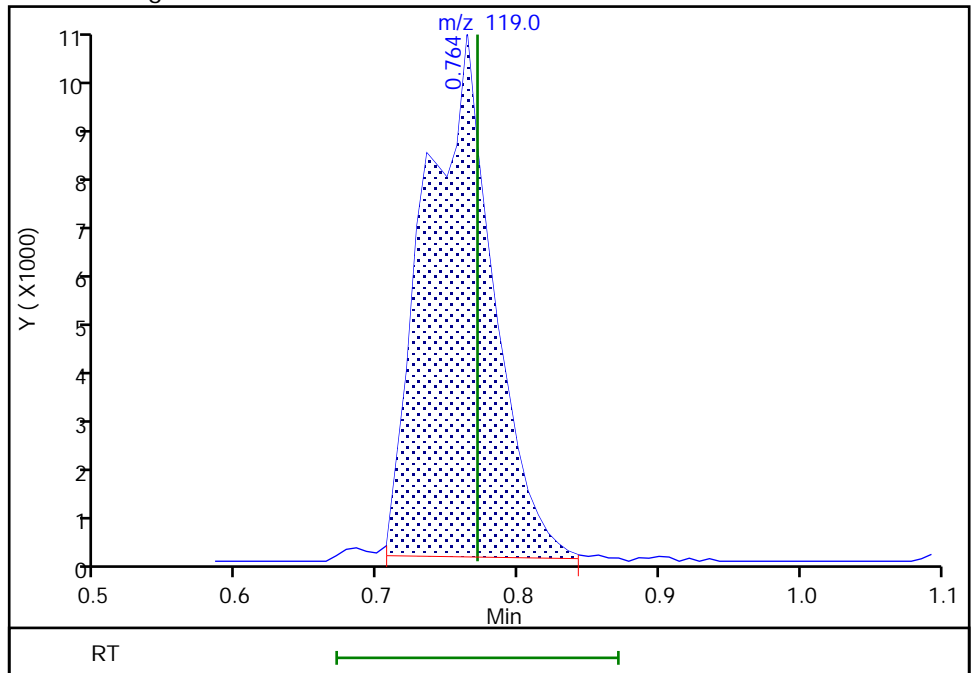
RT: 0.73
Area: 15842
Amount: 93.130659
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 36921
Amount: 166.0135
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:04:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

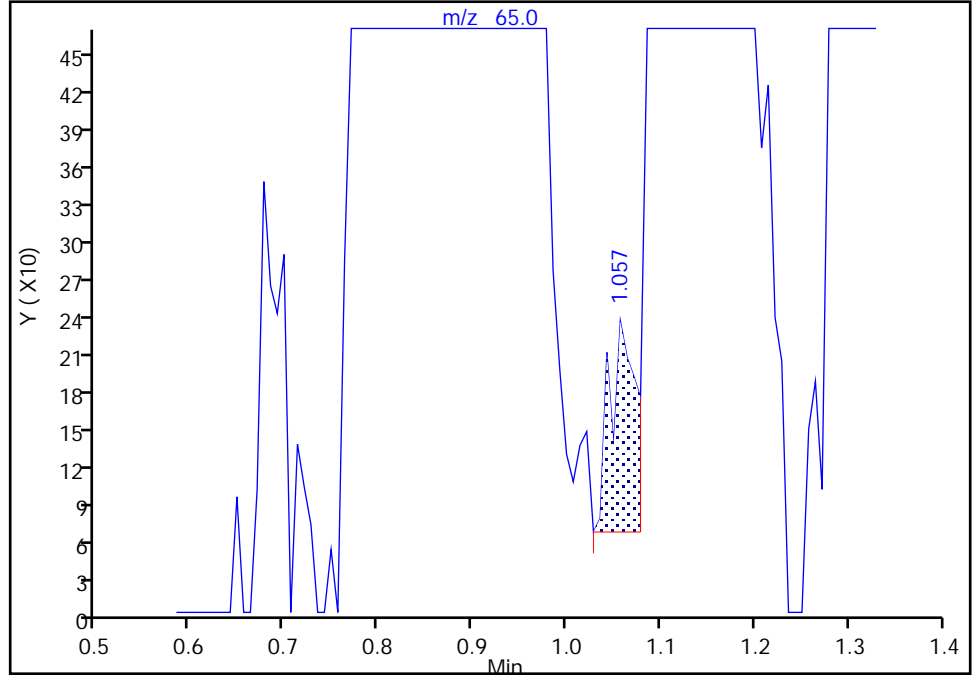
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Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

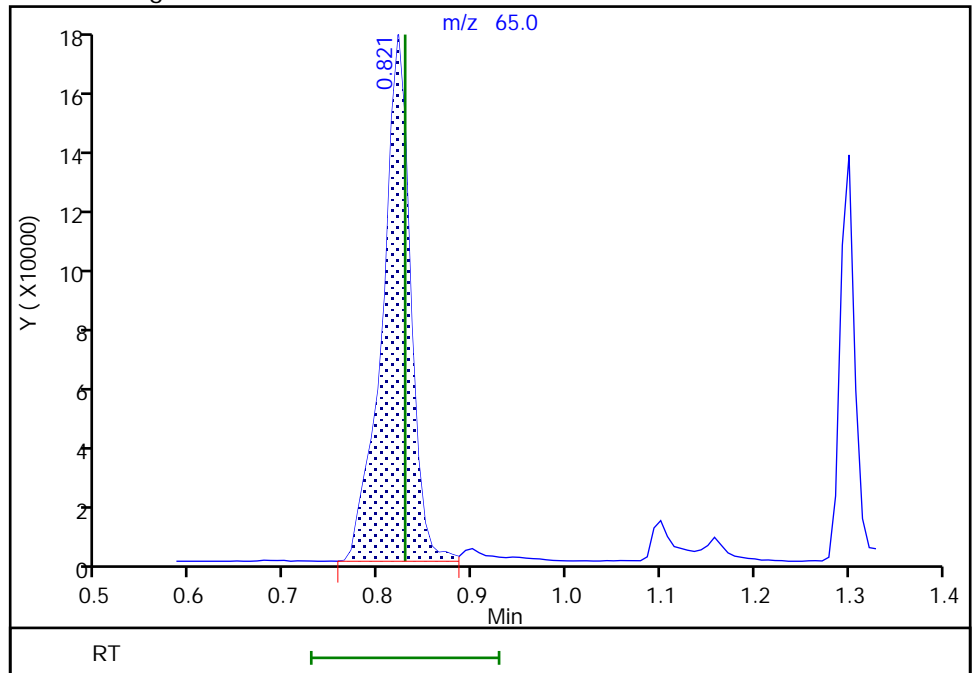
RT: 1.06
Area: 327
Amount: 0.612326
Amount Units: ug/l

Processing Integration Results



RT: 0.82
Area: 359256
Amount: 180.4965
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:30:37
Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

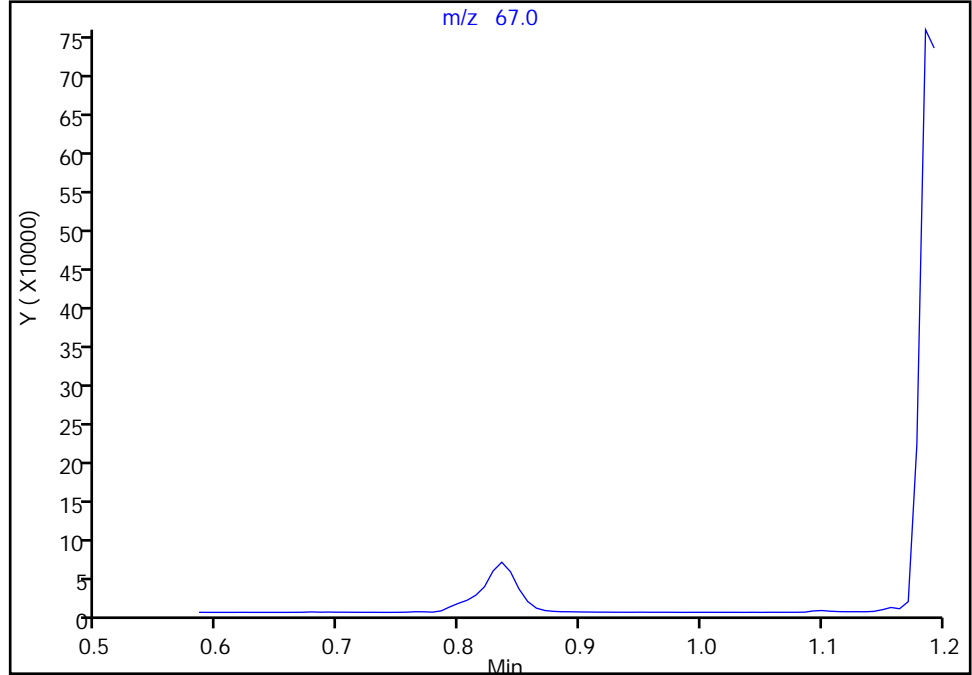
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Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

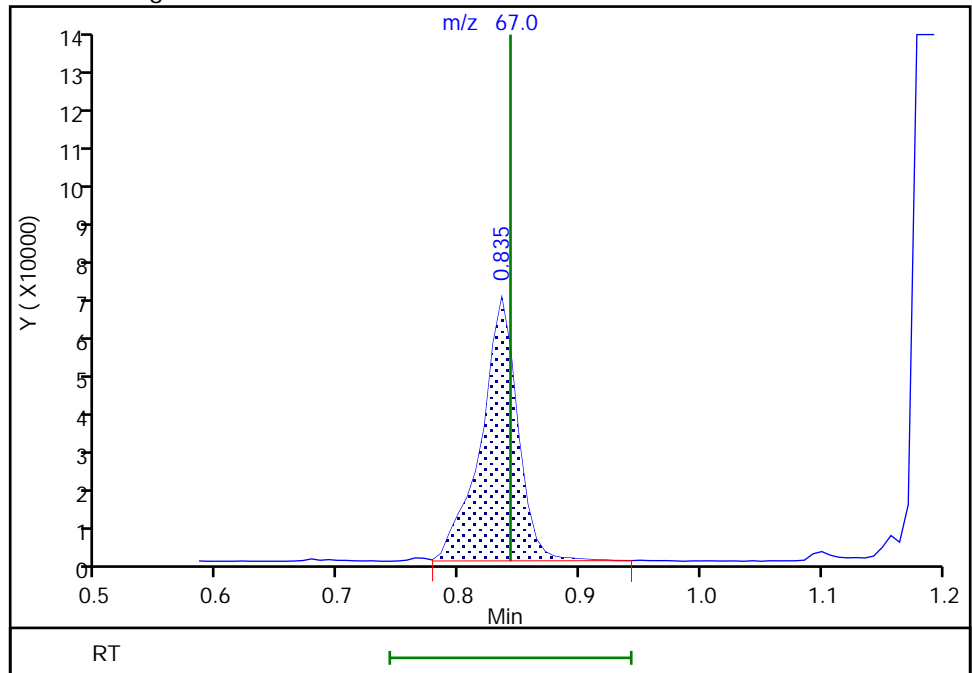
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 136972
Amount: 181.3479
Amount Units: ug/l



Eurofins TestAmerica, Edison

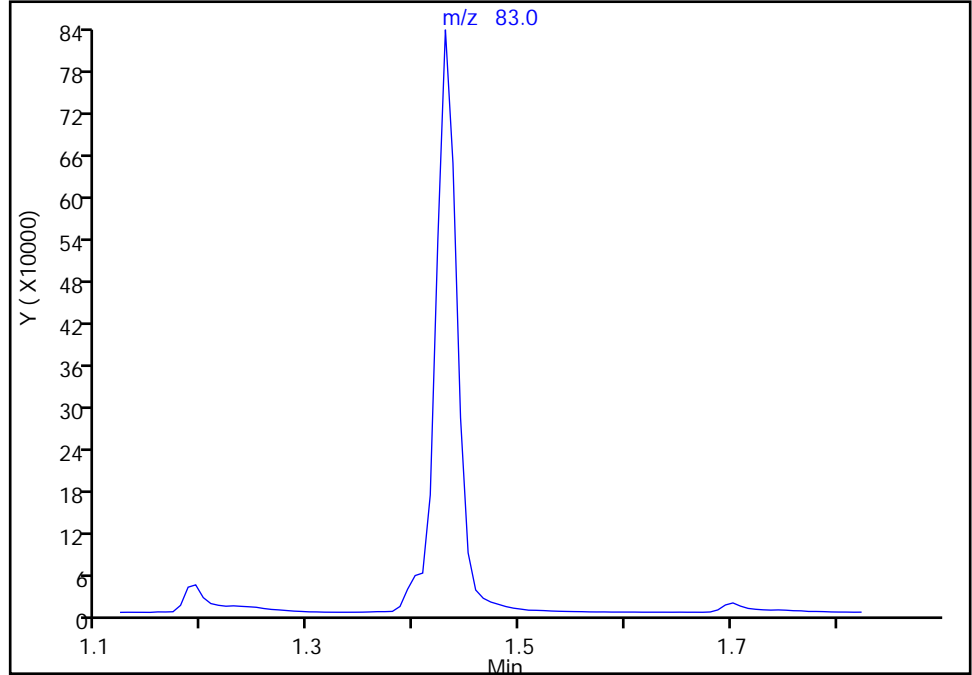
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Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

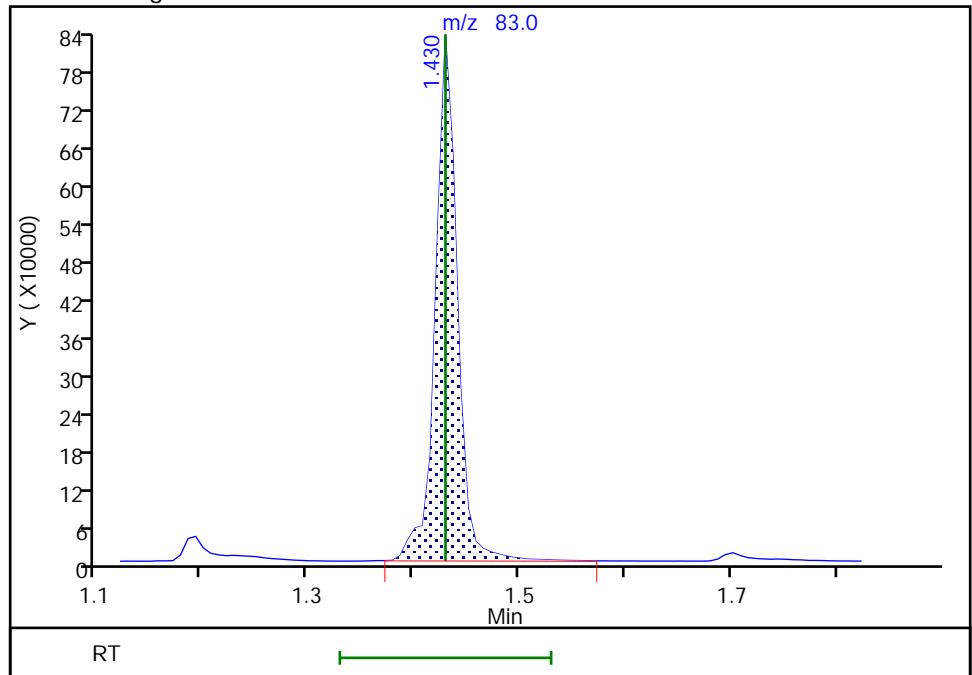
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 1205033
Amount: 199.4086
Amount Units: ug/l



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

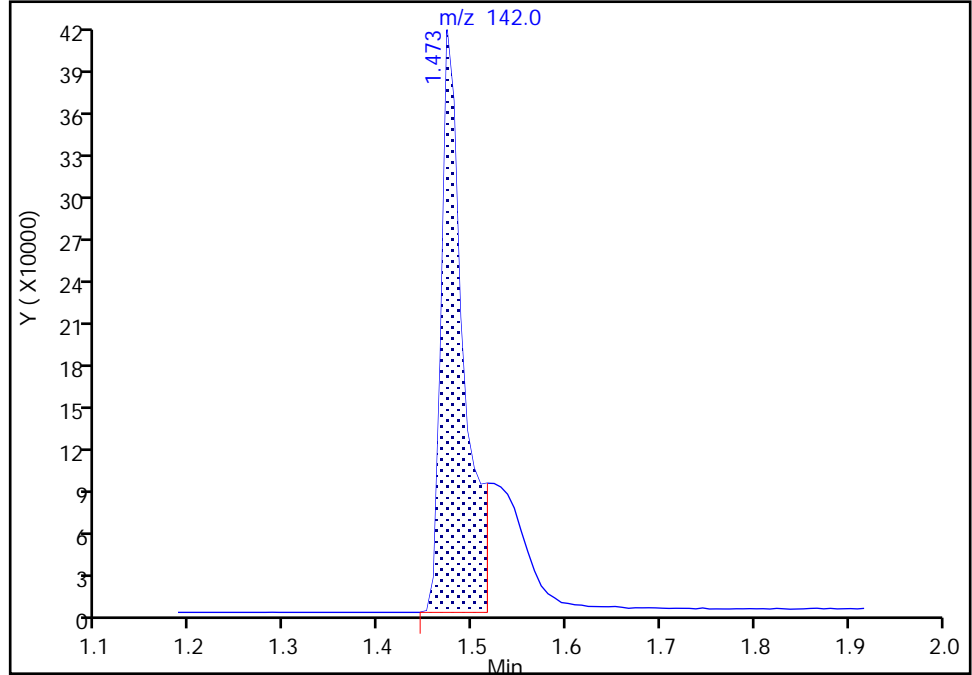
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

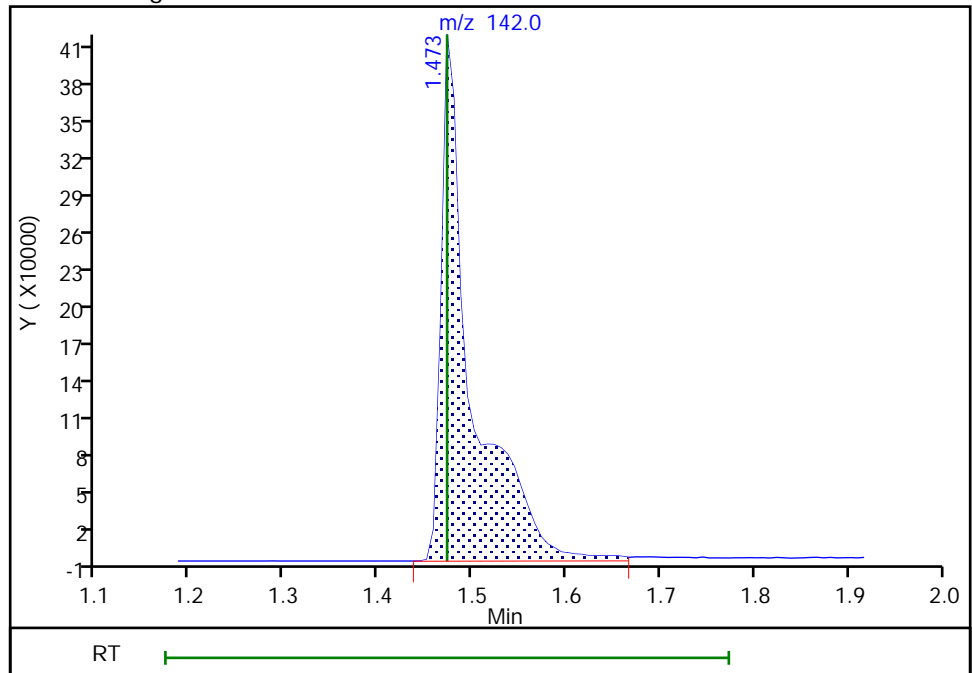
RT: 1.47
Area: 687307
Amount: 203.7078
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 928245
Amount: 207.7931
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:14:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

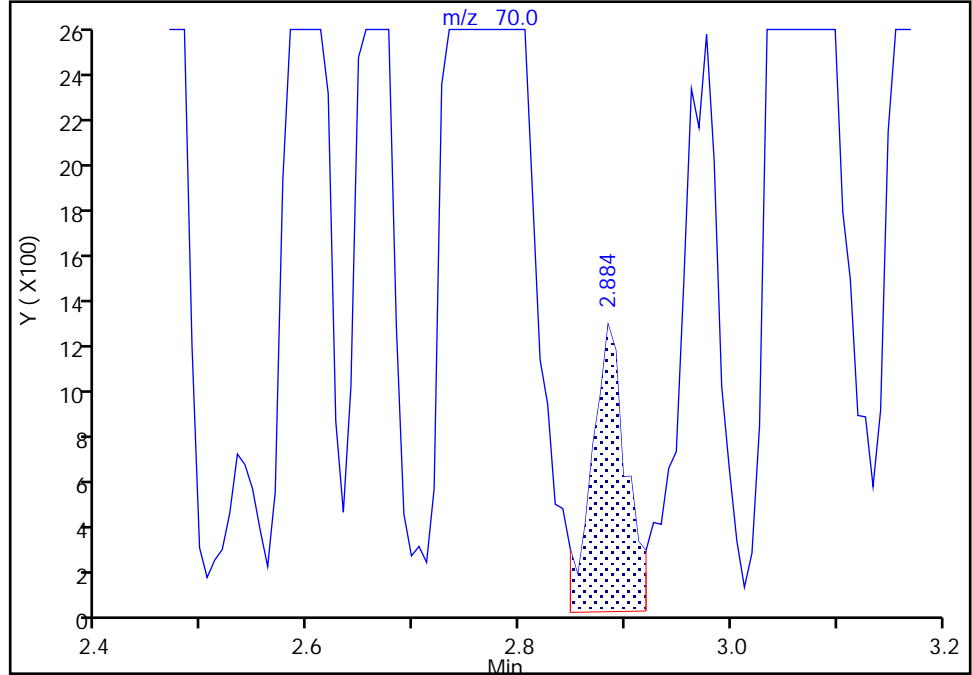
ALS Bottle#: 7 Worklist Smp#: 8
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

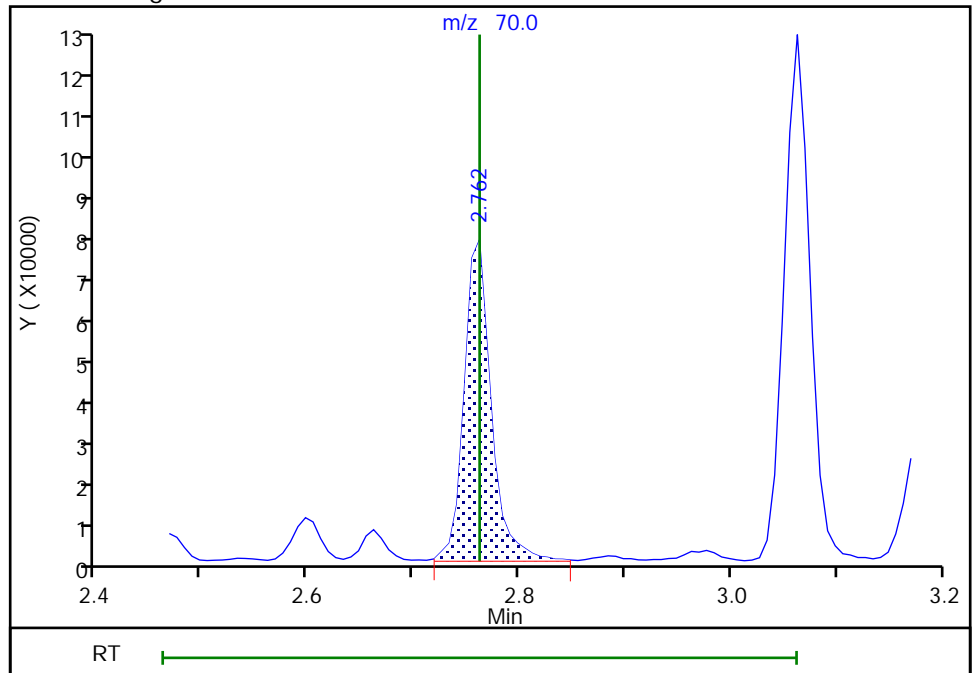
RT: 2.88
Area: 2868
Amount: 12.983087
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 133991
Amount: 393.3240
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

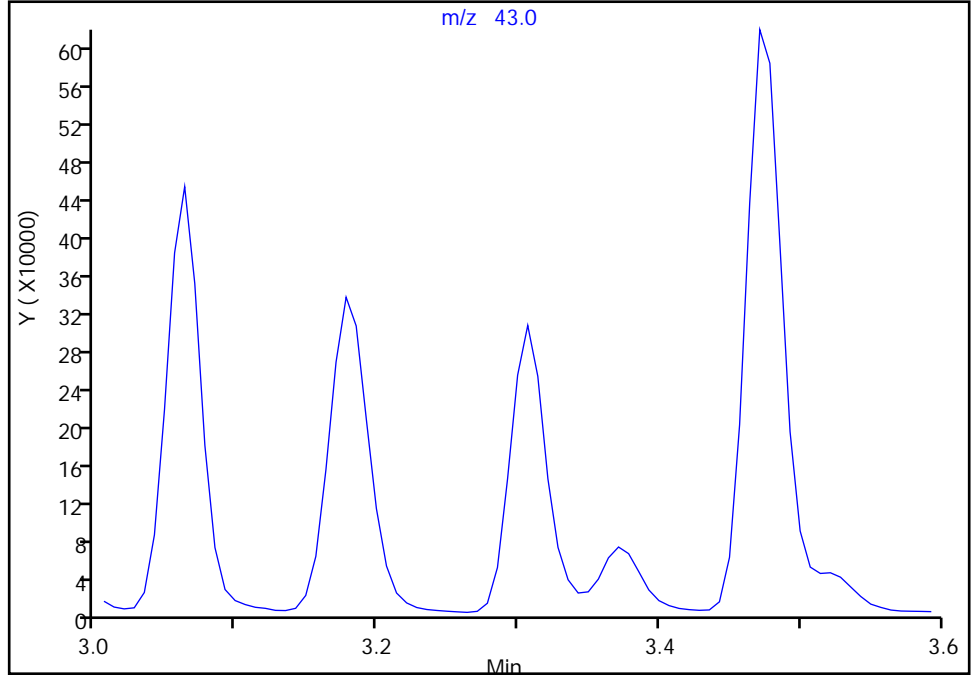
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76757.D
Injection Date: 09-Jul-2020 06:52:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

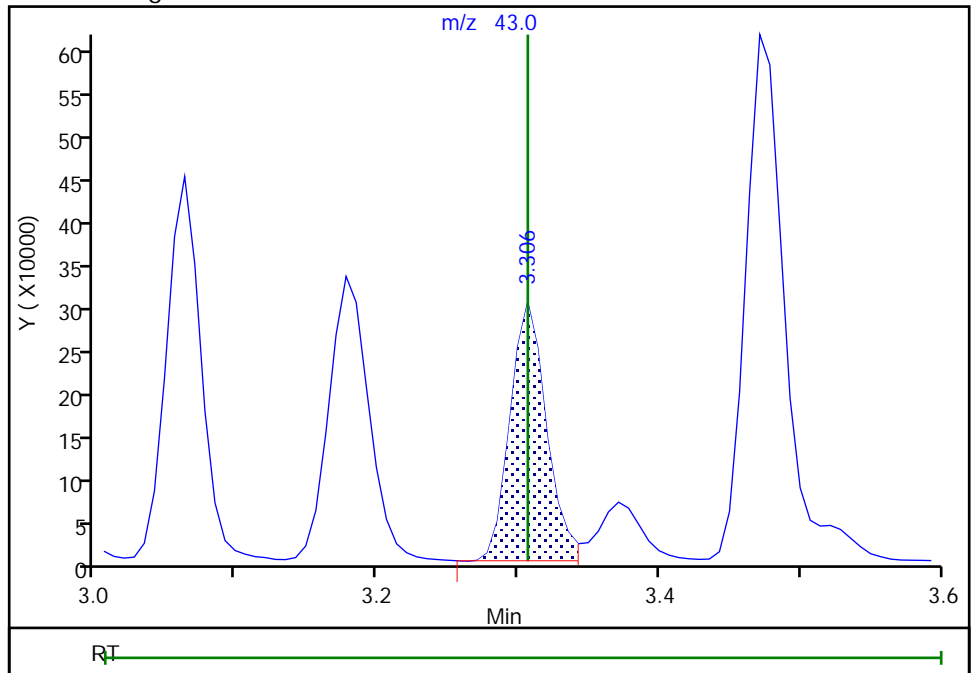
Not Detected
Expected RT: 3.31

Processing Integration Results



Manual Integration Results

RT: 3.31
Area: 536648
Amount: 5472.3892
Amount Units: ug/l



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\p76758.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 09-Jul-2020 07:18:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0112940-009
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:27 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfms\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 09:25:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	90	633950	500.0	543.1	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	85	103425	500.0	406.6	M
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	2654914	500.0	426.0	
4 1,1-Difluoroethane	65	0.828	0.828	0.000	98	985181	500.0	432.7	a
5 Chlorodifluoromethane	67	0.842	0.842	0.000	96	378913	500.0	438.6	a
7 Vinyl chloride	62	0.900	0.900	0.000	100	2715278	500.0	463.4	M
6 Chloromethane	50	0.907	0.900	0.007	97	3695587	500.0	472.0	
8 Butadiene	54	0.907	0.900	0.007	97	2694930	500.0	513.5	M
9 Bromomethane	94	1.043	1.043	0.000	98	1232710	500.0	498.6	M
10 Chloroethane	64	1.093	1.100	-0.007	99	1387146	500.0	324.4	M
11 Pentane	72	1.158	1.158	0.000	94	617563	1000.0	636.4	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	97	3229431	500.0	430.9	
13 Dichlorofluoromethane	67	1.186	1.193	-0.007	99	4019458	500.0	443.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.301	-0.007	96	4133773	500.0	540.6	
15 Ethyl ether	59	1.308	1.308	0.000	94	2102952	500.0	512.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.408	1.401	0.007	76	3326387	500.0	500.3	
17 1,1-Dichloroethene	96	1.408	1.401	0.007	96	2207777	500.0	506.3	M
19 Carbon disulfide	76	1.415	1.415	0.000	100	8195378	500.0	506.7	
16 Ethanol	46	1.415	1.415	0.000	70	513937	20000	19994	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.423	1.423	0.000	78	2220108	500.0	506.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.437	1.430	0.007	93	3538923	500.0	512.0	Ma
22 Iodomethane	142	1.473	1.473	0.000	99	2438951	500.0	498.8	M
23 Cyclopentene	67	1.552	1.552	0.000	97	6404280	500.0	528.5	
24 Acrolein	56	1.580	1.573	0.007	96	192588	400.0	412.2	
25 3-Chloro-1-propene	76	1.645	1.638	0.007	91	1326902	500.0	488.8	M
26 Isopropyl alcohol	45	1.695	1.666	0.029	98	1130584	5000.0	4654.0	
27 Methylene Chloride	84	1.702	1.702	0.000	96	2467497	500.0	467.1	
28 Acetone	43	1.738	1.731	0.007	86	2787295	2500.0	2456.6	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	97	2351596	500.0	484.9	
30 Methyl acetate	43	1.802	1.795	0.007	99	1711415	1000.0	660.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.824	1.824	0.000	93	611512	500.0	546.1	
32 Methyl tert-butyl ether	73	1.852	1.845	0.007	90	6285219	500.0	515.4	
* 33 TBA-d9 (IS)	65	1.881	1.874	0.007	100	318910	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.924	1.917	0.007	99	1741147	5000.0	4999.7	
35 Acetonitrile	41	1.996	1.989	0.007	98	2251404	5000.0	4682.0	
36 Isopropyl ether	45	2.074	2.067	0.007	95	6892582	500.0	531.4	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	1903790	500.0	511.2	
38 1,1-Dichloroethane	63	2.139	2.132	0.007	100	3799536	500.0	504.1	
39 Acrylonitrile	53	2.175	2.168	0.007	95	6470044	5000.0	5256.7	
40 Tert-butyl ethyl ether	59	2.297	2.289	0.007	90	6989930	500.0	587.6	
41 Vinyl acetate	43	2.297	2.297	-0.001	100	9469553	1000.0	1217.5	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	97	2135653	500.0	482.0	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	97	2660899	500.0	508.9	
44 Cyclohexane	56	2.597	2.597	0.000	93	3531140	500.0	526.8	
45 Chlorobromomethane	128	2.612	2.605	0.007	92	760884	500.0	375.7	
46 Chloroform	83	2.669	2.662	0.007	97	3495185	500.0	490.2	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	2437560	500.0	547.7	
49 Methyl acrylate	55	2.762	2.762	0.000	79	1565903	500.0	570.3	
48 Ethyl acetate	70	2.762	2.762	0.000	98	406223	1000.0	1032.1	a
50 Tetrahydrofuran	42	2.769	2.769	0.000	97	1384528	1000.0	1033.7	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	33	177838	50.0	49.4	
52 1,1,1-Trichloroethane	97	2.798	2.791	0.007	98	2934830	500.0	511.0	
* 53 2-Butanone-d5	46	2.855	2.848	0.007	97	319265	250.0	250.0	a
54 2-Butanone (MEK)	72	2.884	2.884	0.000	97	1101763	2500.0	2613.0	
55 1,1-Dichloropropene	75	2.891	2.884	0.007	90	2822171	500.0	485.9	
56 Isooctane	57	2.970	2.970	0.000	98	4898819	500.0	496.0	
58 Benzene	78	3.070	3.063	0.007	98	8554209	500.0	498.1	
57 n-Heptane	57	3.070	3.063	0.007	94	1321710	500.0	534.4	
59 Propionitrile	54	3.120	3.092	0.028	92	2814076	5000.0	5547.2	
60 Methacrylonitrile	67	3.127	3.106	0.021	93	8471211	5000.0	6032.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.185	3.170	0.015	0	240617	50.0	55.7	
62 Tert-amyl methyl ether	73	3.185	3.178	0.007	98	5943408	500.0	598.6	
63 1,2-Dichloroethane	62	3.235	3.228	0.007	97	2693895	500.0	502.9	
64 Isobutyl alcohol	43	3.321	3.307	0.014	98	1699495	12500	14333	a
65 t-Amyl alcohol	59	3.385	3.371	0.014	96	1198498	5000.0	6155.8	
* 66 Fluorobenzene	96	3.407	3.400	0.007	99	770694	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	99	3550476	500.0	583.5	
68 Methylcyclohexane	83	3.529	3.521	0.008	95	3472986	500.0	552.4	
69 Trichloroethene	130	3.550	3.550	0.000	97	2145799	500.0	521.0	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	92	5035171	500.0	576.1	
71 Dibromomethane	93	3.908	3.908	0.000	96	1191809	500.0	512.8	
72 n-Butanol	56	3.930	3.930	0.000	90	1101198	12500	12492	
73 1,2-Dichloropropane	63	4.001	3.994	0.007	88	2107720	500.0	516.8	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	2718285	500.0	535.3	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	2278436	500.0	486.9	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	81	26623	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.274	0.000	90	932802	1000.0	1173.2	
78 1,4-Dioxane	88	4.281	4.281	0.000	95	373673	10000	10548	
79 n-Propyl acetate	43	4.424	4.431	-0.007	99	2322572	500.0	489.5	
80 2-Chloroethyl vinyl ether	63	4.682	4.696	-0.014	97	515973	501.2	1073.7	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	96	3283927	500.0	553.5	
\$ 82 Toluene-d8 (Surr)	98	4.904	4.897	0.007	99	653868	50.0	47.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	8771046	500.0	499.3	
84 Epichlorohydrin	57	4.990	4.983	0.007	100	2569334	10000	14973	
85 2-Nitropropane	41	5.205	5.205	0.000	99	898689	1000.0	1252.8	
86 Tetrachloroethene	166	5.377	5.369	0.008	97	2029624	500.0	494.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.427	5.420	0.007	97	8166806	2500.0	2940.7	
88 trans-1,3-Dichloropropene	75	5.455	5.455	0.000	98	3134655	500.0	596.9	
89 1,1,2-Trichloroethane	83	5.627	5.620	0.007	95	1414917	500.0	507.6	
90 Ethyl methacrylate	69	5.713	5.713	0.000	89	2195144	500.0	493.9	
91 Chlorodibromomethane	129	5.821	5.814	0.007	98	1887216	500.0	560.8	
92 1,3-Dichloropropane	76	5.935	5.928	0.007	95	2868130	500.0	503.6	
93 Ethylene Dibromide	107	6.057	6.057	0.000	99	1658821	500.0	541.1	
94 n-Butyl acetate	43	6.415	6.415	0.000	98	2418753	500.0	491.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	5525557	2500.0	2499.6	
* 96 Chlorobenzene-d5	117	6.745	6.738	0.007	86	564116	50.0	50.0	
97 Chlorobenzene	112	6.766	6.759	0.007	94	5439462	500.0	494.0	
98 Ethylbenzene	106	6.859	6.845	0.014	99	3213969	500.0	527.3	
99 1,1,1,2-Tetrachloroethane	131	6.881	6.874	0.007	94	1972829	500.0	575.8	
100 m-Xylene & p-Xylene	106	7.067	7.060	0.007	0	3666152	500.0	501.2	
101 o-Xylene	106	7.647	7.640	0.007	93	3561229	500.0	522.7	
102 Bromoform	173	7.712	7.705	0.007	96	1225478	500.0	485.3	
103 Styrene	104	7.733	7.733	0.000	93	6130837	500.0	552.1	
104 n-Butyl acrylate	73	8.063	8.070	-0.007	96	1351344	500.0	488.9	
105 Isopropylbenzene	105	8.134	8.127	0.007	97	9443384	500.0	513.5	
106 Amyl acetate (mixed isomers)	43	8.485	8.478	0.007	90	3208338	500.0	496.3	
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	89	221083	50.0	49.0	
108 Bromobenzene	156	8.600	8.600	0.000	97	2396410	500.0	505.4	
109 N-Propylbenzene	91	8.765	8.758	0.007	99	11499943	500.0	519.0	
110 1,1,2,2-Tetrachloroethane	83	8.915	8.908	0.007	97	2237847	500.0	577.9	
111 2-Chlorotoluene	91	8.929	8.922	0.007	97	8319166	500.0	536.9	
112 4-Ethyltoluene	105	8.958	8.944	0.014	98	9886501	500.0	535.6	
113 1,2,3-Trichloropropane	110	9.044	9.037	0.007	97	579031	500.0	531.4	
114 1,3,5-Trimethylbenzene	105	9.116	9.101	0.015	92	8134740	500.0	528.9	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.173	-0.007	90	644017	500.0	499.8	
116 4-Chlorotoluene	91	9.202	9.187	0.015	98	7324306	500.0	530.0	
117 tert-Butylbenzene	119	9.574	9.560	0.014	93	6555446	500.0	514.2	
118 1,2,4-Trimethylbenzene	105	9.703	9.696	0.007	99	8738279	500.0	559.8	
119 Butyl Methacrylate	87	9.717	9.710	0.007	96	3163616	500.0	487.5	
120 sec-Butylbenzene	105	9.868	9.854	0.014	98	10113977	500.0	508.8	
121 1,3-Dichlorobenzene	146	10.119	10.111	0.008	94	4671068	500.0	519.5	
122 4-Isopropyltoluene	119	10.147	10.133	0.014	97	8770578	500.0	539.8	
* 123 1,4-Dichlorobenzene-d4	152	10.255	10.240	0.015	97	309825	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.276	10.262	0.014	93	4674539	500.0	474.9	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	8834776	500.0	539.4	
126 2,3-Dihydroindene	117	10.555	10.541	0.014	94	8380343	500.0	514.4	
127 Benzyl chloride	126	10.727	10.727	0.000	99	850576	500.0	487.1	
128 p-Diethylbenzene	119	10.756	10.742	0.014	92	4548722	500.0	549.3	
129 n-Butylbenzene	91	10.835	10.828	0.007	99	8192713	500.0	529.9	
130 1,2-Dichlorobenzene	146	10.942	10.928	0.014	95	4531871	500.0	502.5	
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	8145875	500.0	538.5	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	95	403654	500.0	565.3	
133 1,3,5-Trichlorobenzene	180	12.139	12.131	0.008	97	3371079	500.0	488.9	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	94	3012061	500.0	500.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	92	1016581	500.0	454.5	
136 Naphthalene	128	13.127	13.127	0.000	99	6481265	500.0	533.6	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	96	2654121	500.0	469.8	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	966.9	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1150.4	
S 140 Xylenes, Total	100				0		1000.0	1023.9	
S 142 Total BTEX	1				0		2500.0	2548.6	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

Ethanol mix_00041	Amount Added: 50.00	Units: uL	
MIX 1 Hi_00127	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00100	Amount Added: 50.00	Units: uL	
8FreonHi_00020	Amount Added: 50.00	Units: uL	
GAS Hi_00365	Amount Added: 50.00	Units: uL	
ACROLEIN W_00108	Amount Added: 40.00	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: \\chromf\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D

Injection Date: 09-Jul-2020 07:18:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD500

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

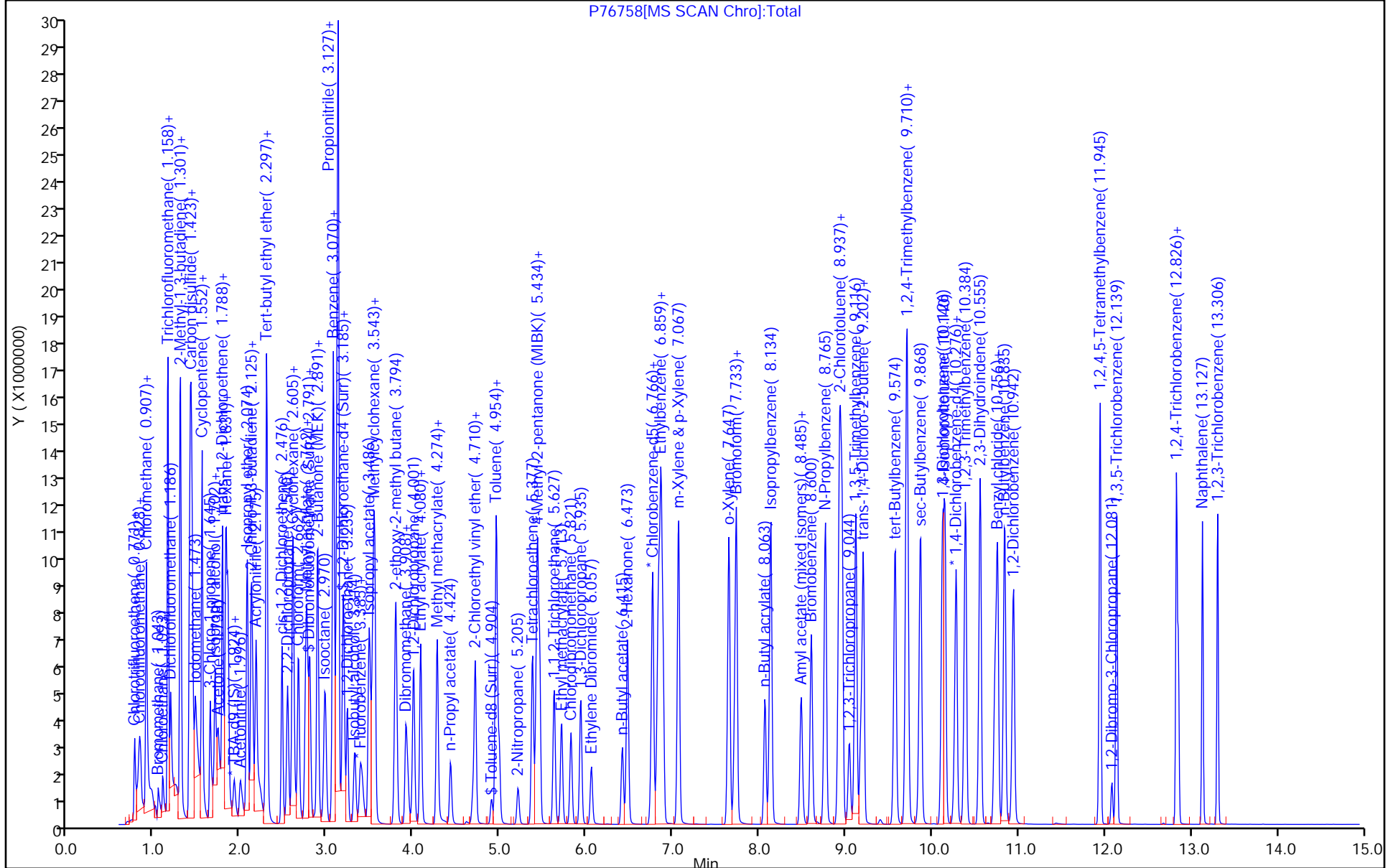
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

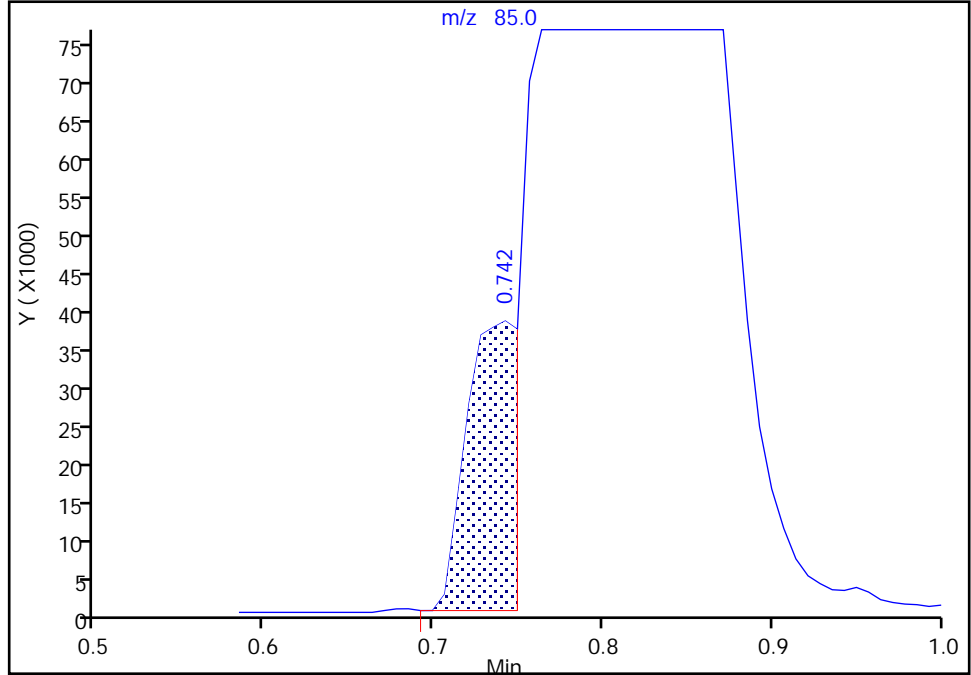
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Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 2

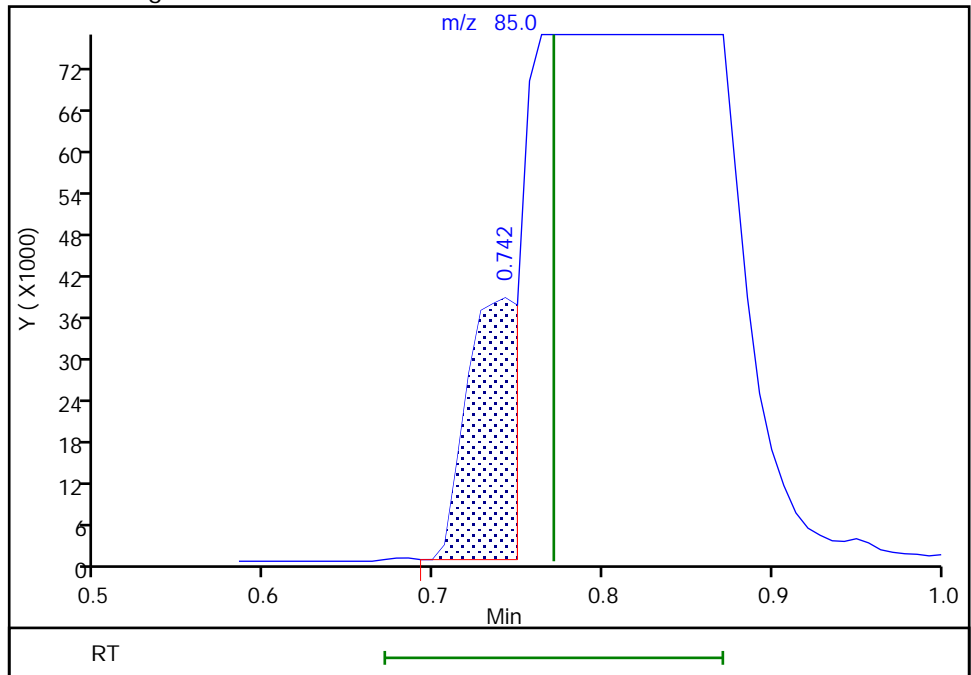
RT: 0.74
Area: 82299
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.74
Area: 82299
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 19:57:54
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID
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Eurofins TestAmerica, Edison

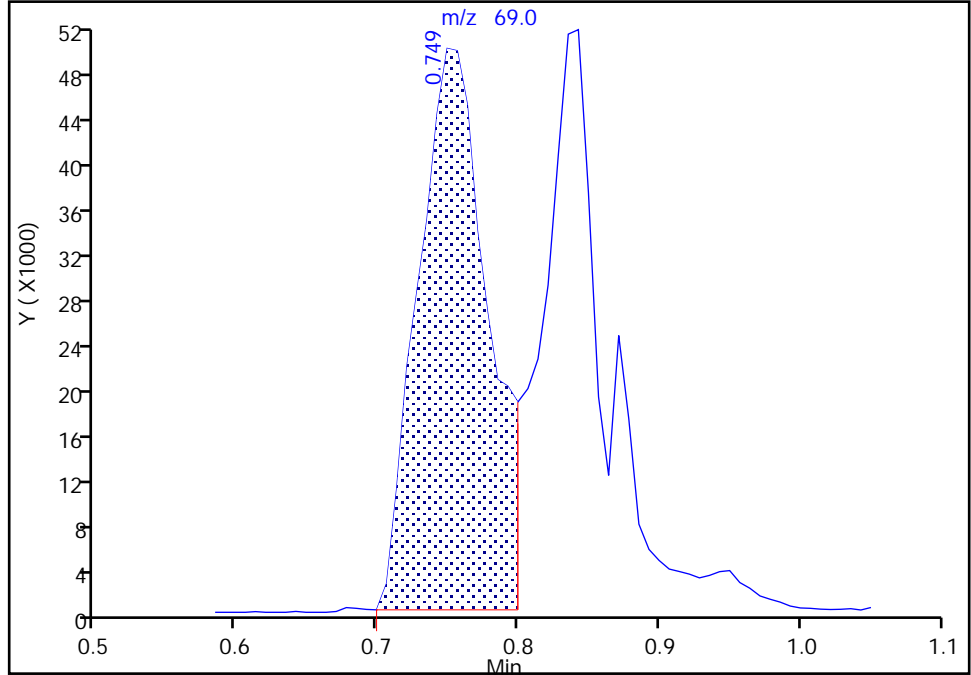
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Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 3

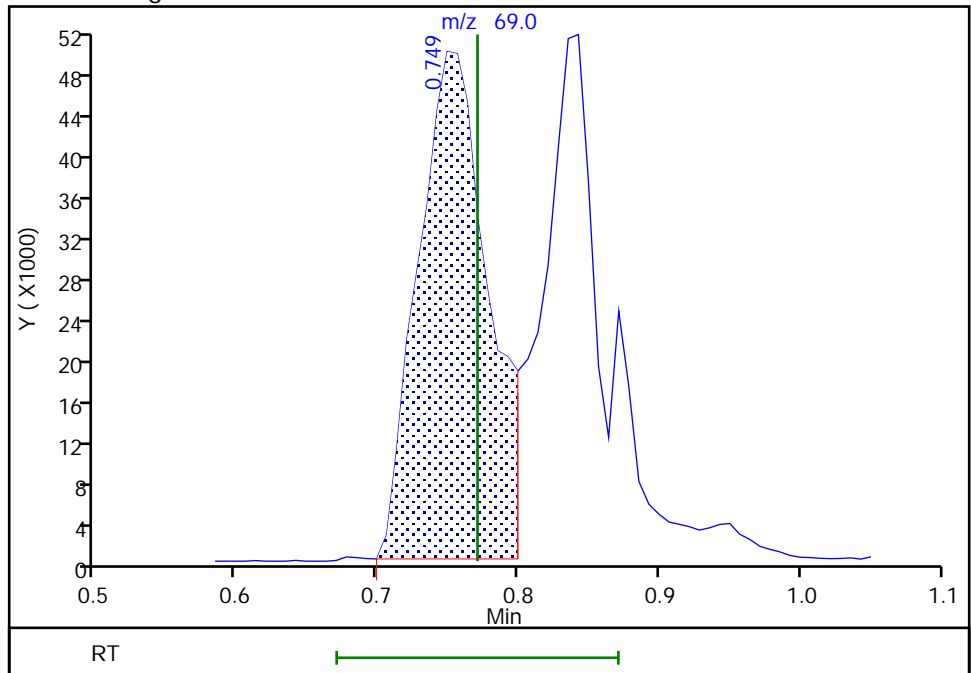
RT: 0.75
Area: 174194
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.75
Area: 174194
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

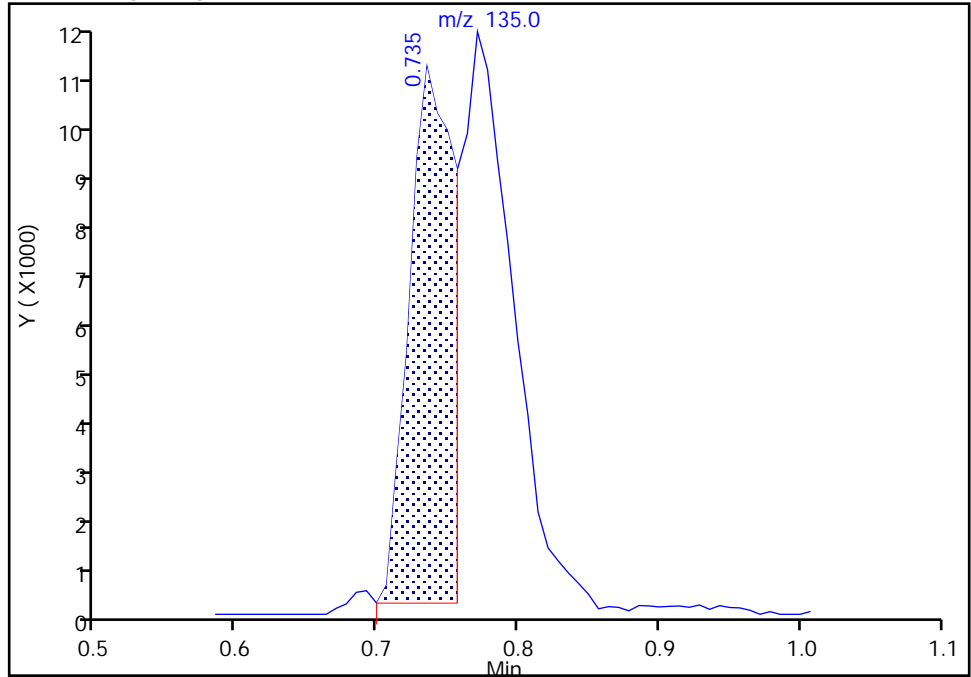
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Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 4

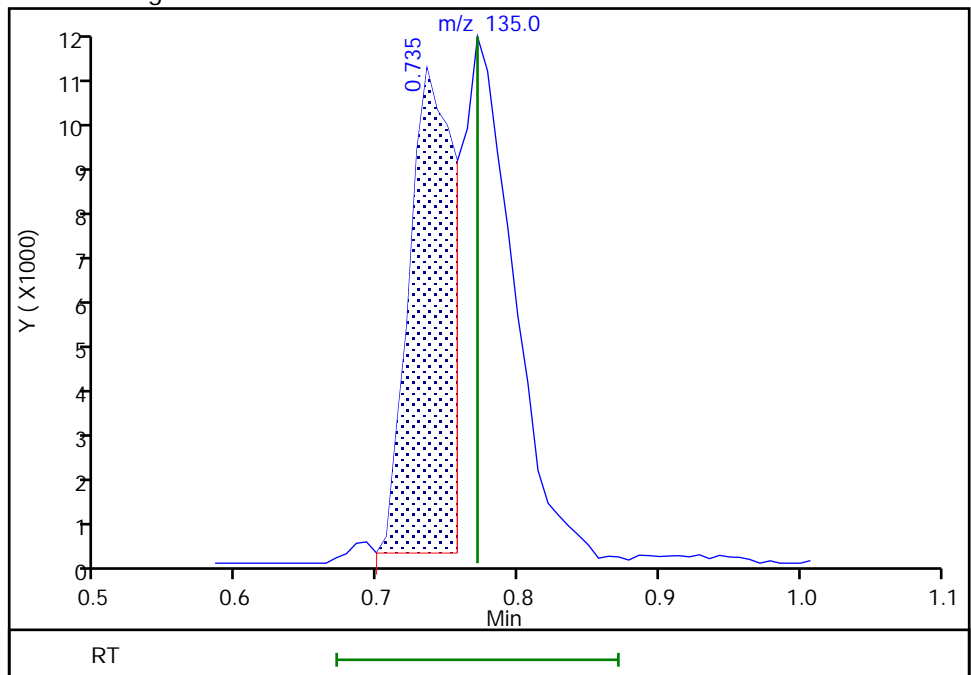
RT: 0.73
Area: 23226
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.73
Area: 23226
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

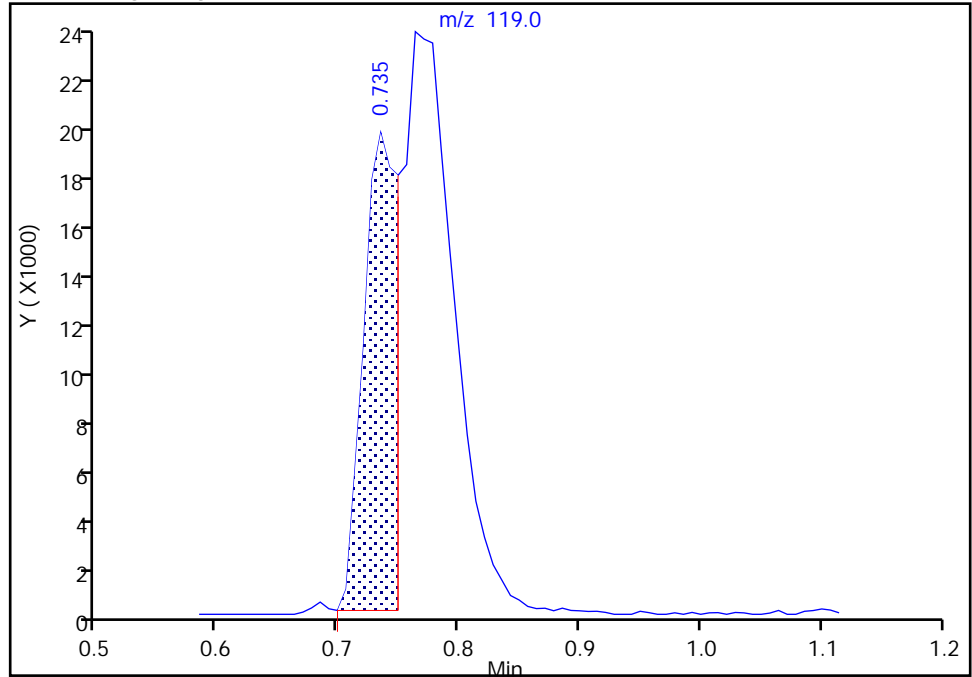
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\VP76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

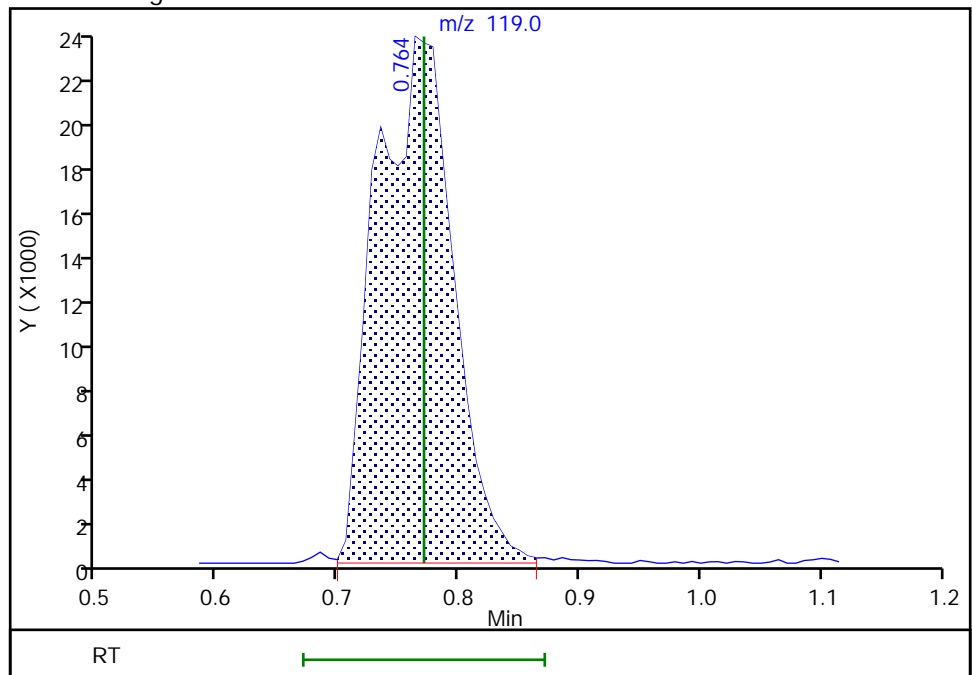
RT: 0.73
Area: 38000
Amount: 219.9539
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 103425
Amount: 406.5678
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:03:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

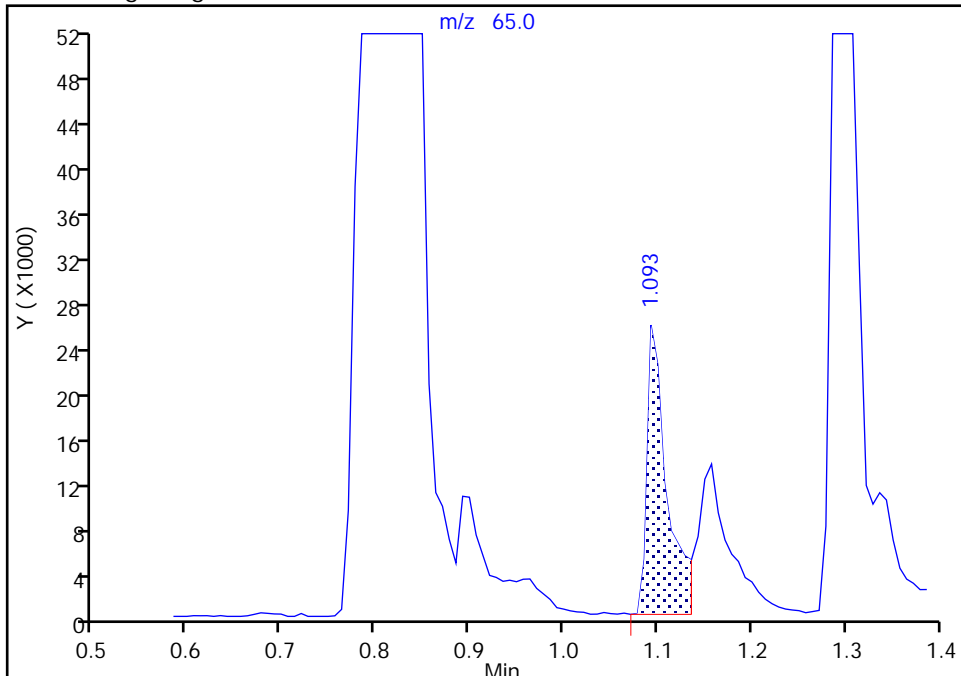
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Signal: 1

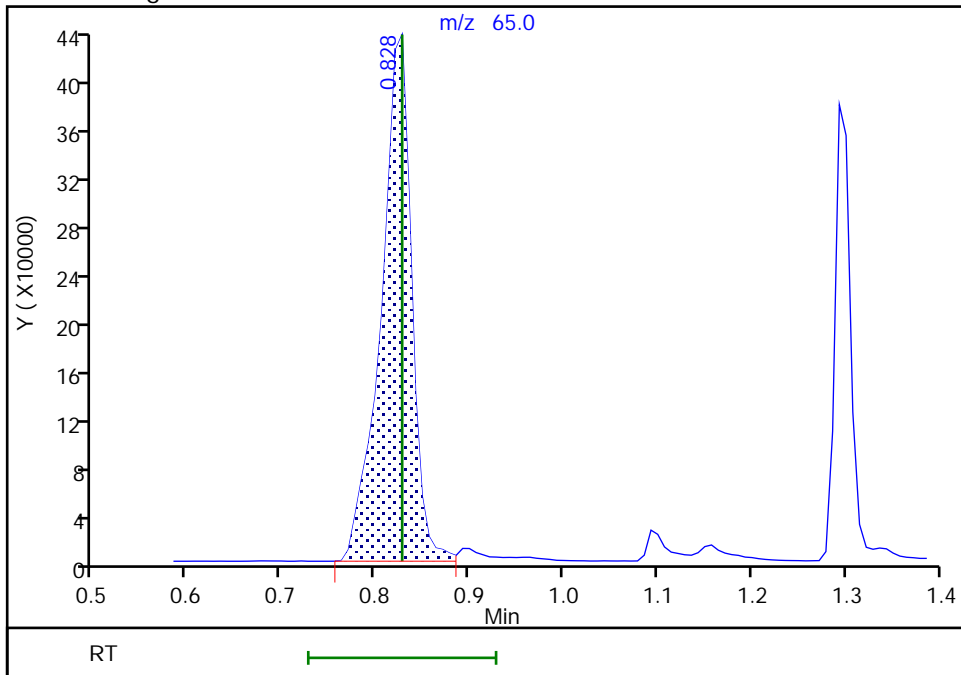
RT: 1.09
Area: 37956
Amount: 500.5959
Amount Units: ug/l

Processing Integration Results



RT: 0.83
Area: 985181
Amount: 432.7313
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

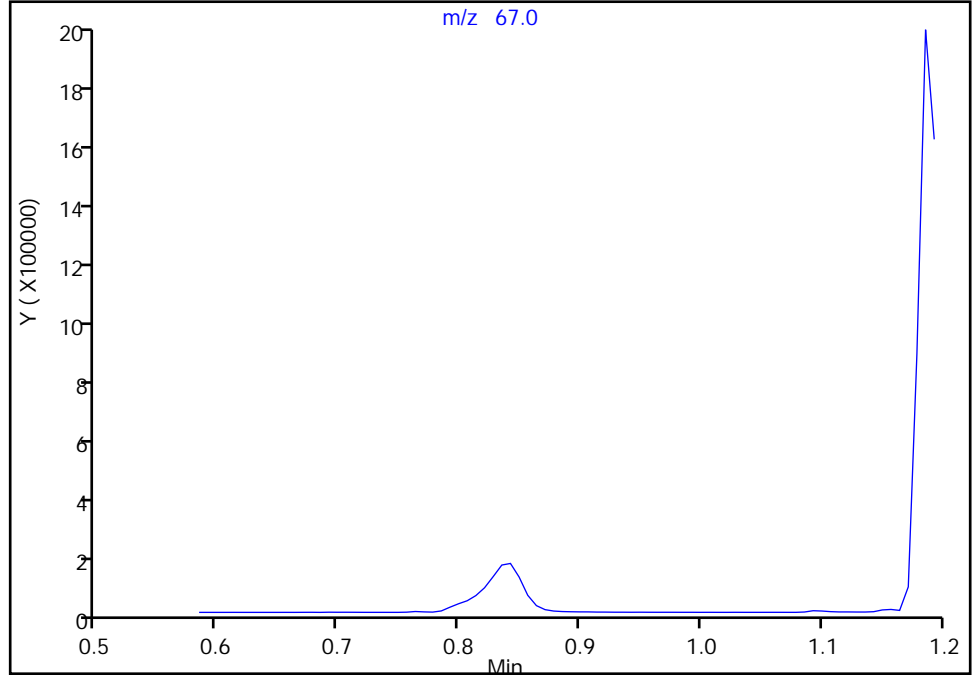
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

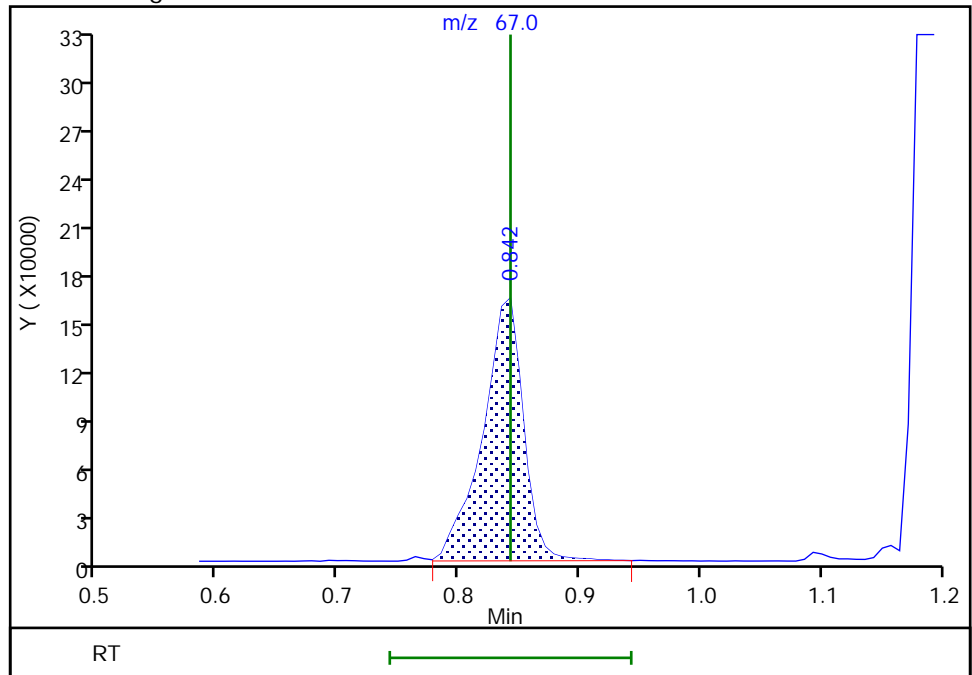
Not Detected
Expected RT: 0.84

Processing Integration Results



Manual Integration Results

RT: 0.84
Area: 378913
Amount: 438.5889
Amount Units: ug/l



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

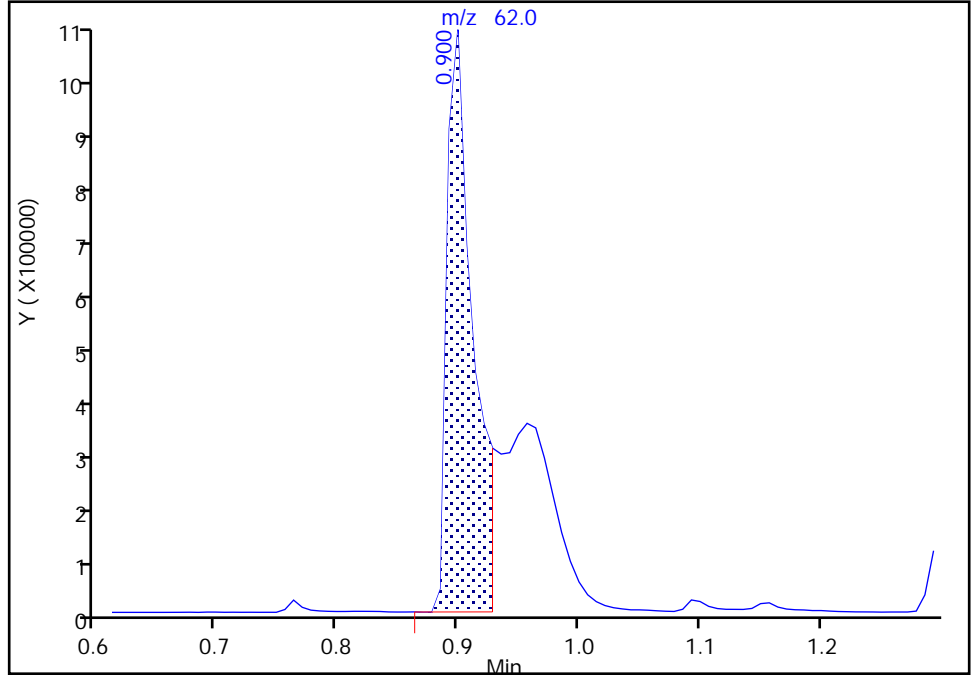
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

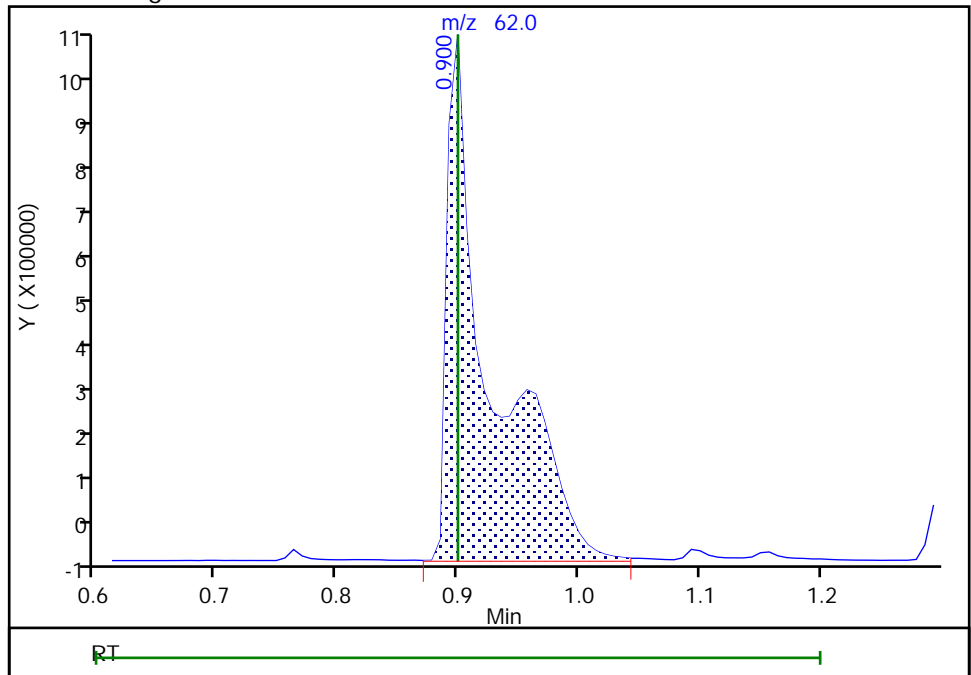
RT: 0.90
Area: 1626960
Amount: 302.6821
Amount Units: ug/l

Processing Integration Results



RT: 0.90
Area: 2715278
Amount: 463.4283
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

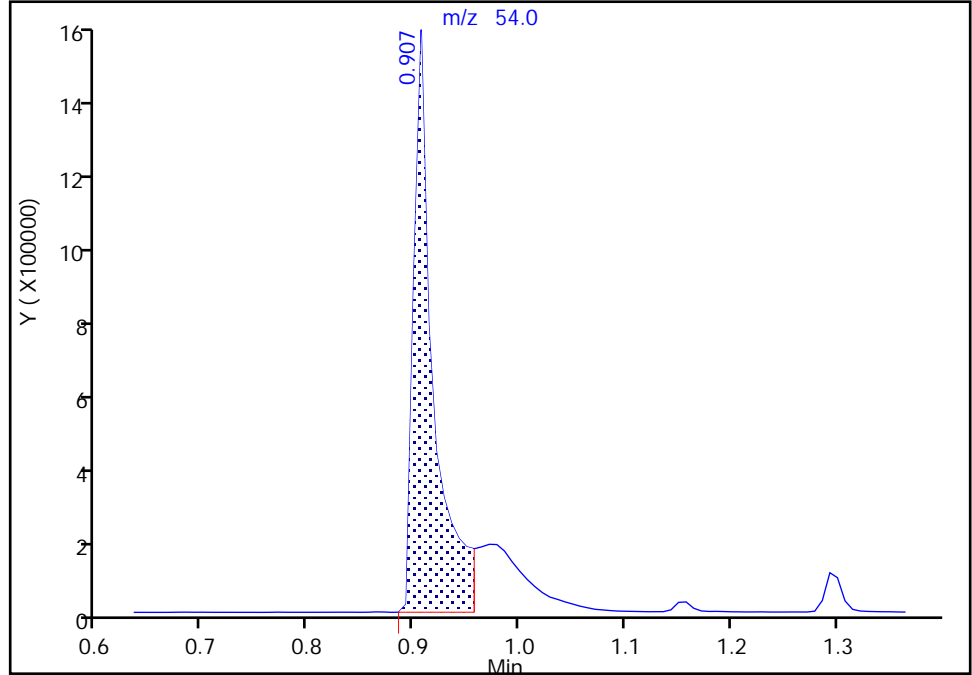
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

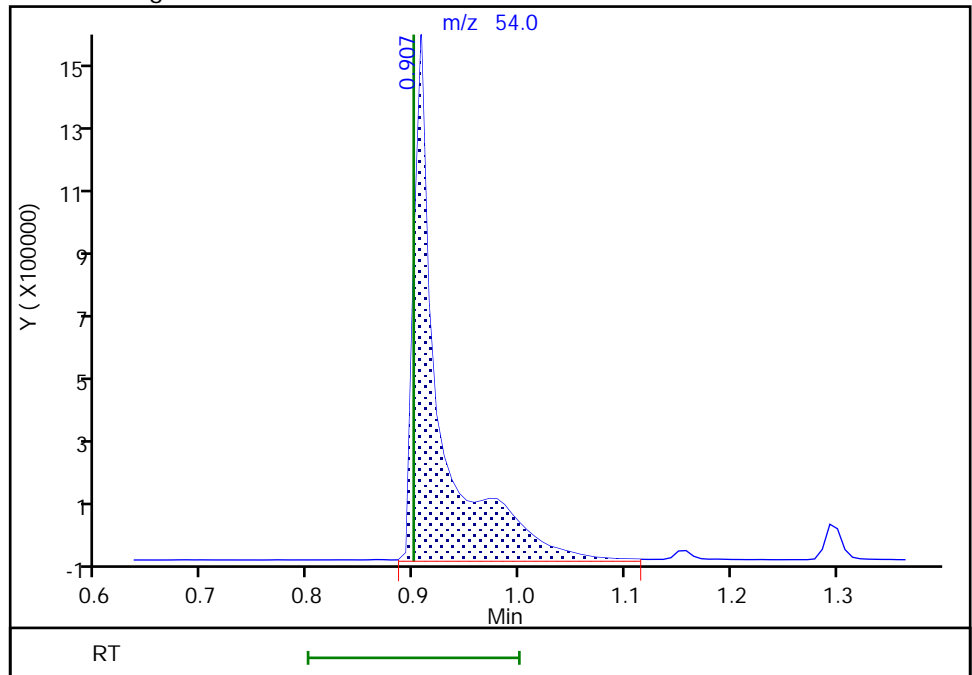
RT: 0.91
Area: 2058488
Amount: 414.6286
Amount Units: ug/l

Processing Integration Results



RT: 0.91
Area: 2694930
Amount: 513.5160
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 209 of 362

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

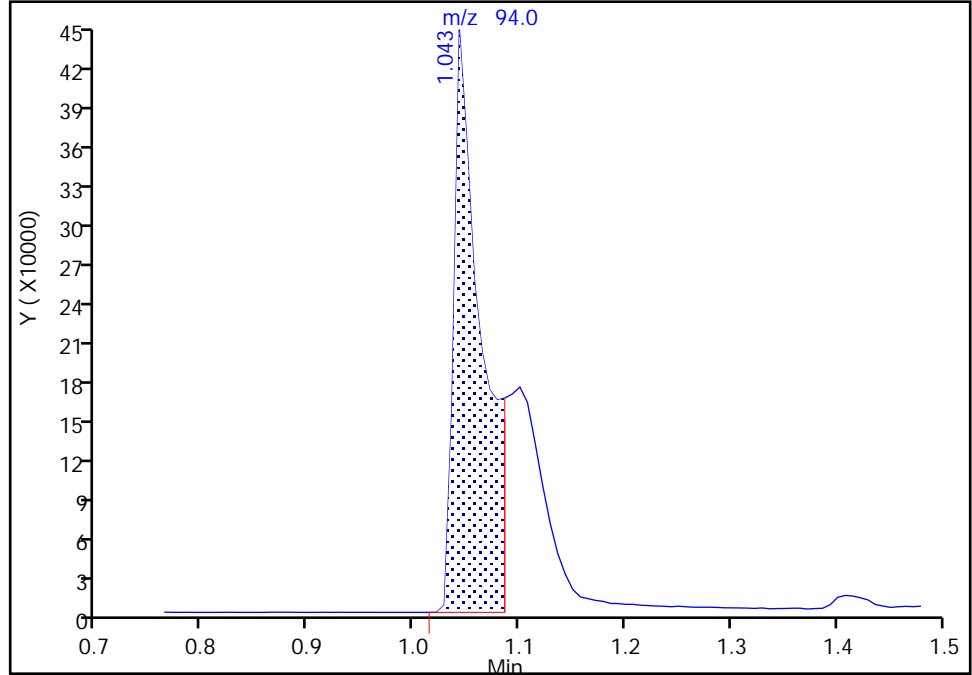
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

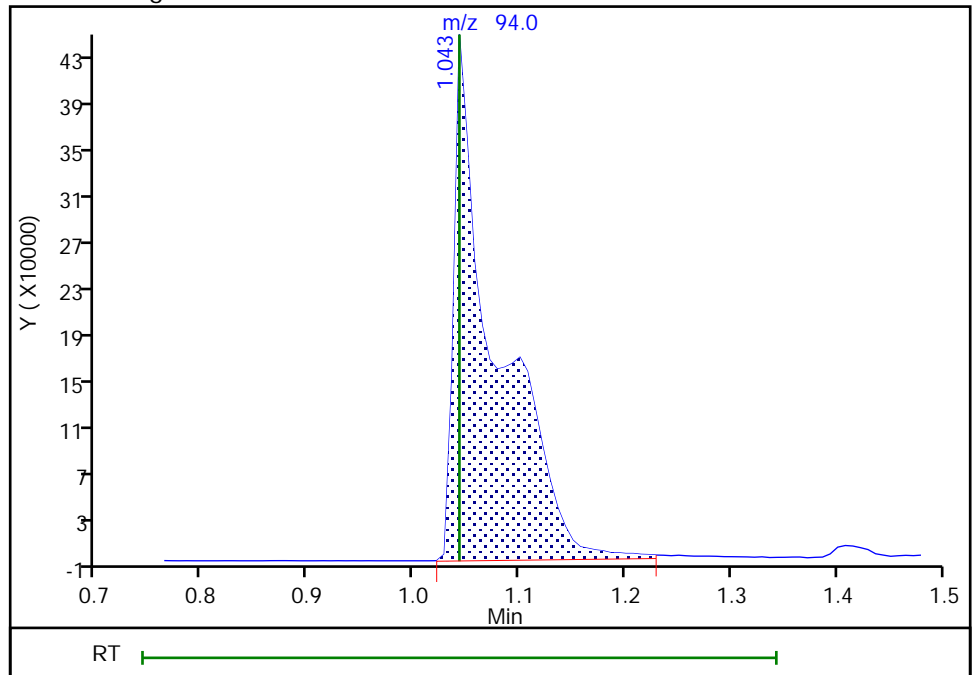
RT: 1.04
Area: 825340
Amount: 419.4854
Amount Units: ug/l

Processing Integration Results



RT: 1.04
Area: 1232710
Amount: 498.5538
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

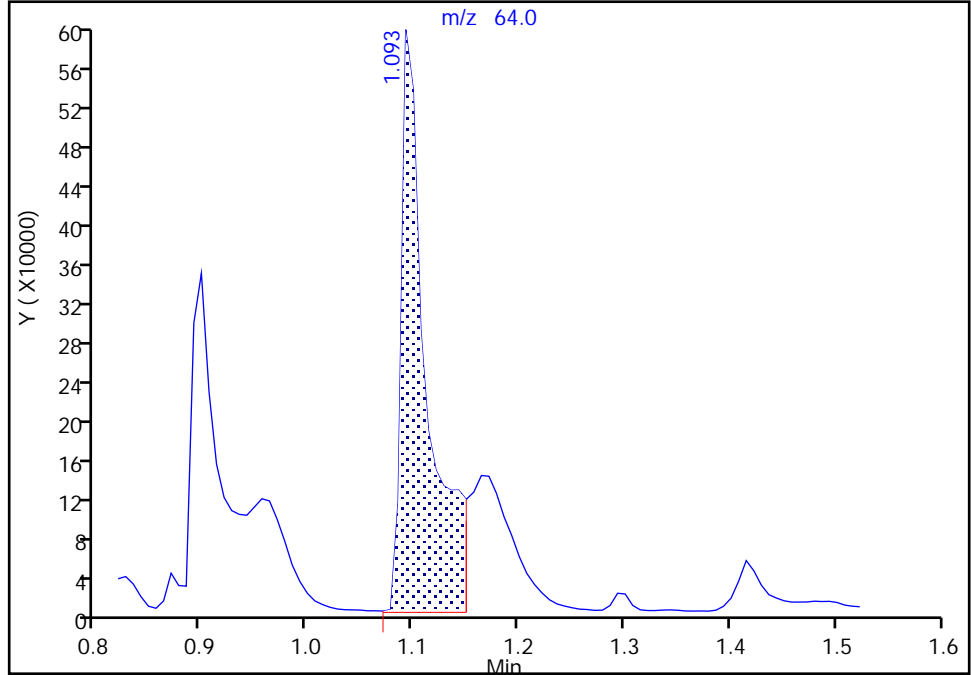
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

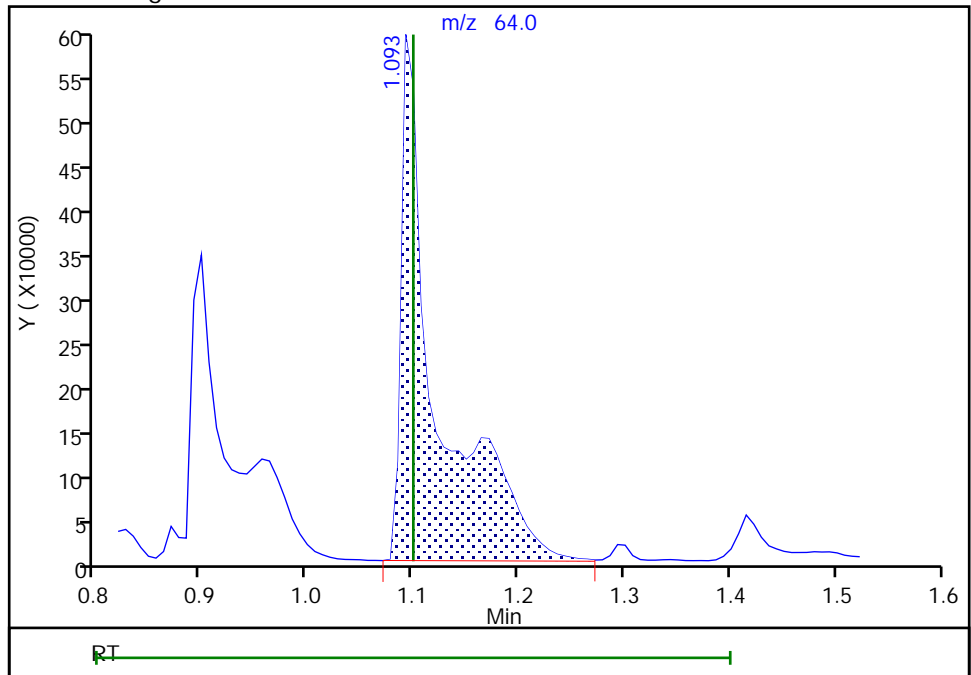
RT: 1.09
Area: 1018559
Amount: 290.9023
Amount Units: ug/l

Processing Integration Results



RT: 1.09
Area: 1387146
Amount: 324.4384
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

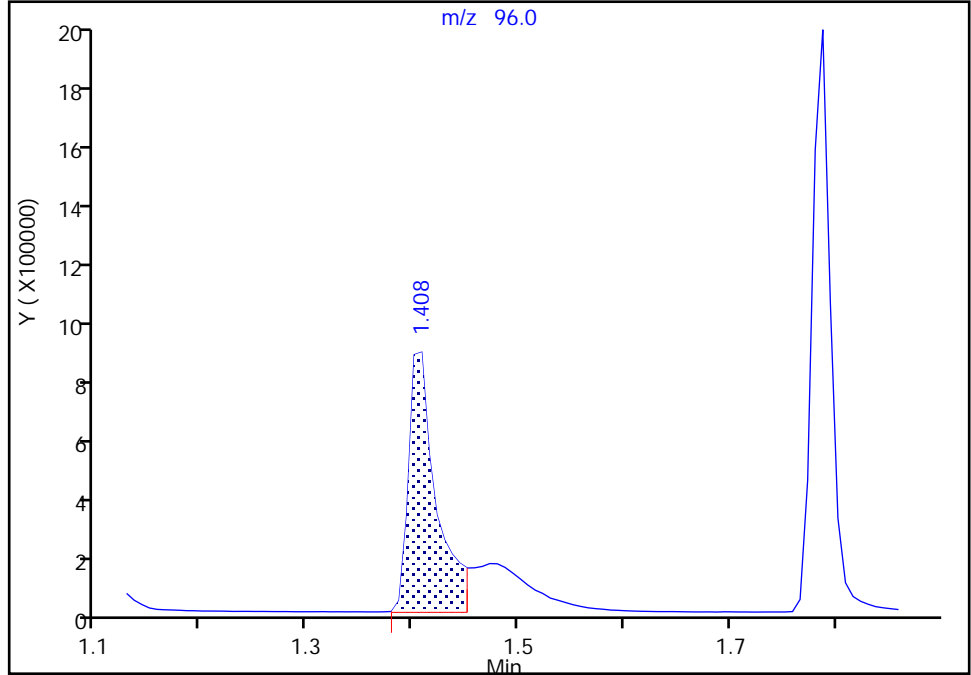
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

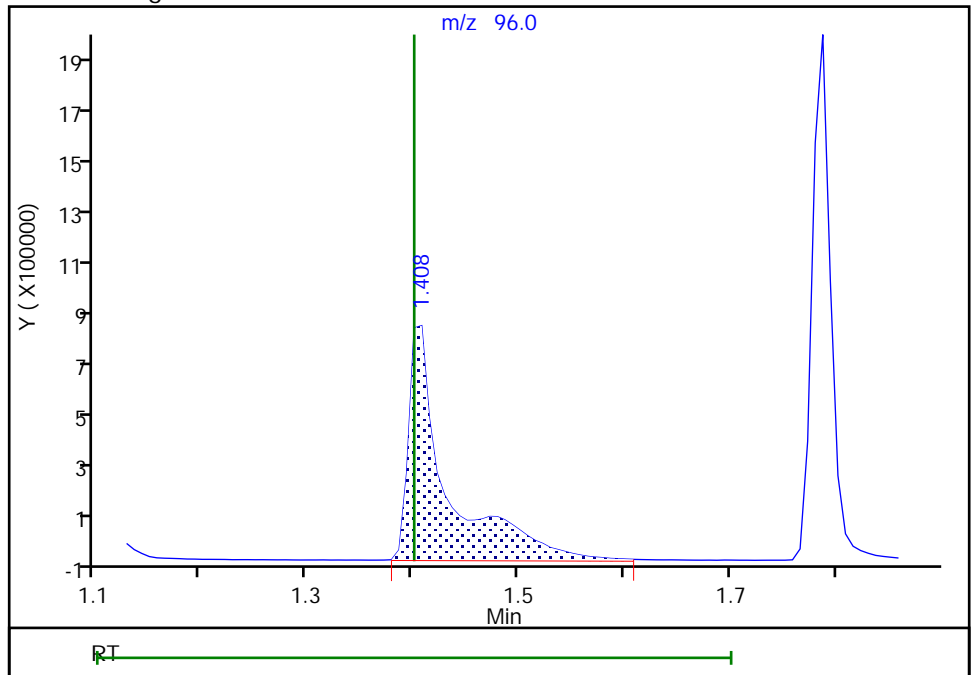
RT: 1.41
Area: 1565260
Amount: 395.9847
Amount Units: ug/l

Processing Integration Results



RT: 1.41
Area: 2207777
Amount: 506.3233
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:43
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

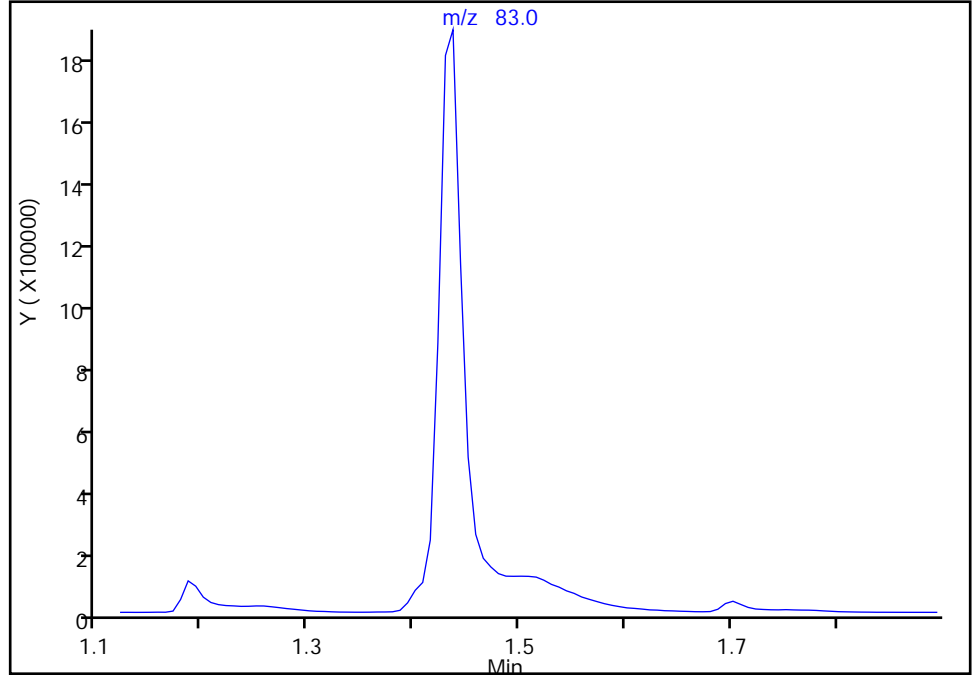
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

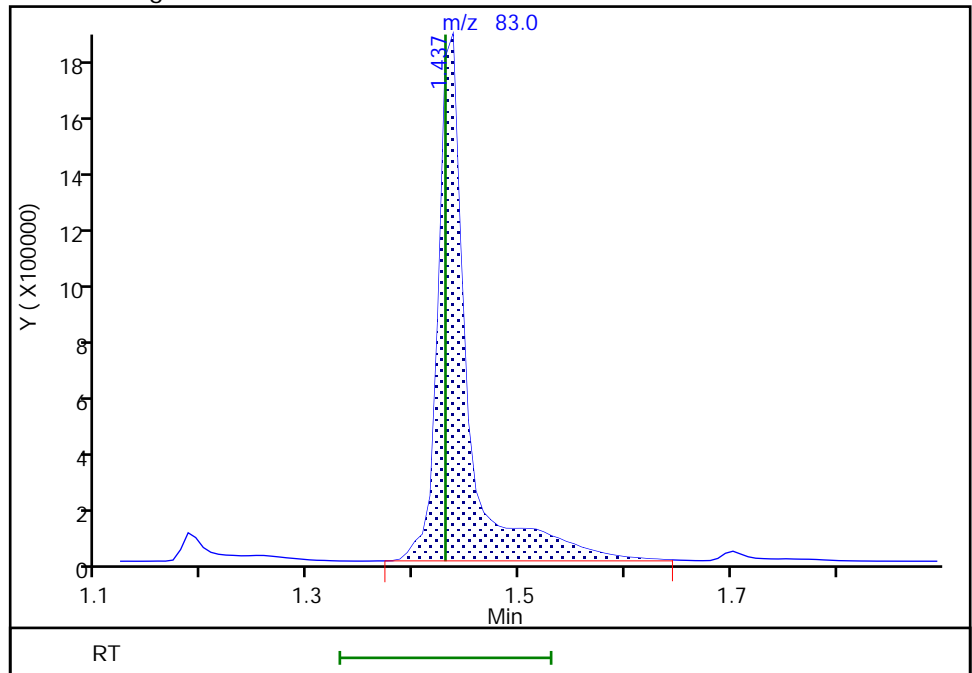
Not Detected
Expected RT: 1.43

Processing Integration Results



RT: 1.44
Area: 3538923
Amount: 511.9806
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:16:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

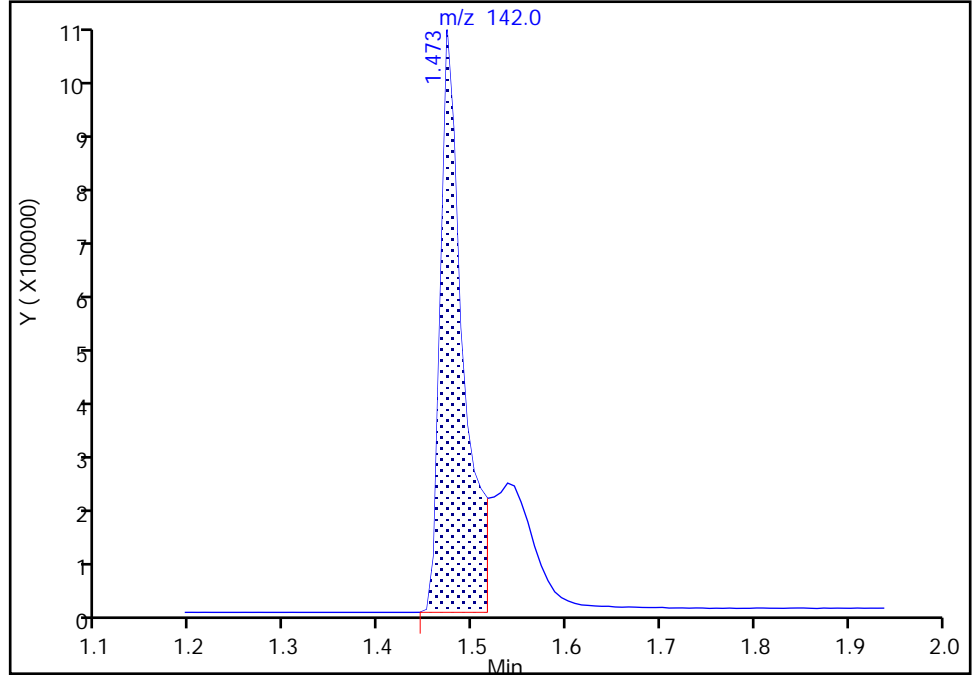
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

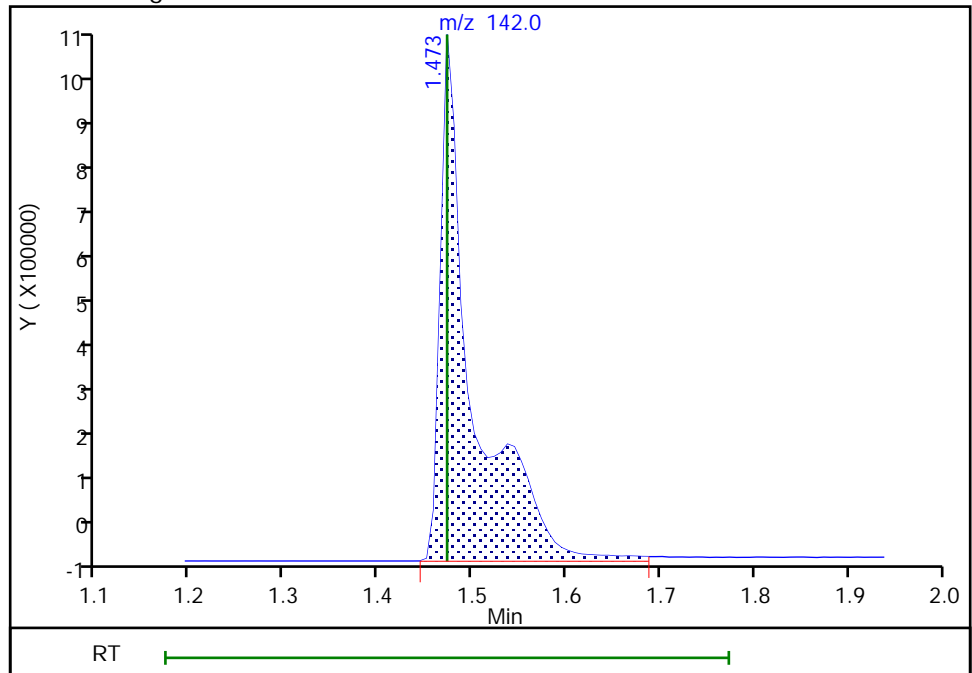
RT: 1.47
Area: 1715189
Amount: 491.2297
Amount Units: ug/l

Processing Integration Results



RT: 1.47
Area: 2438951
Amount: 498.8240
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D

Injection Date: 09-Jul-2020 07:18:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

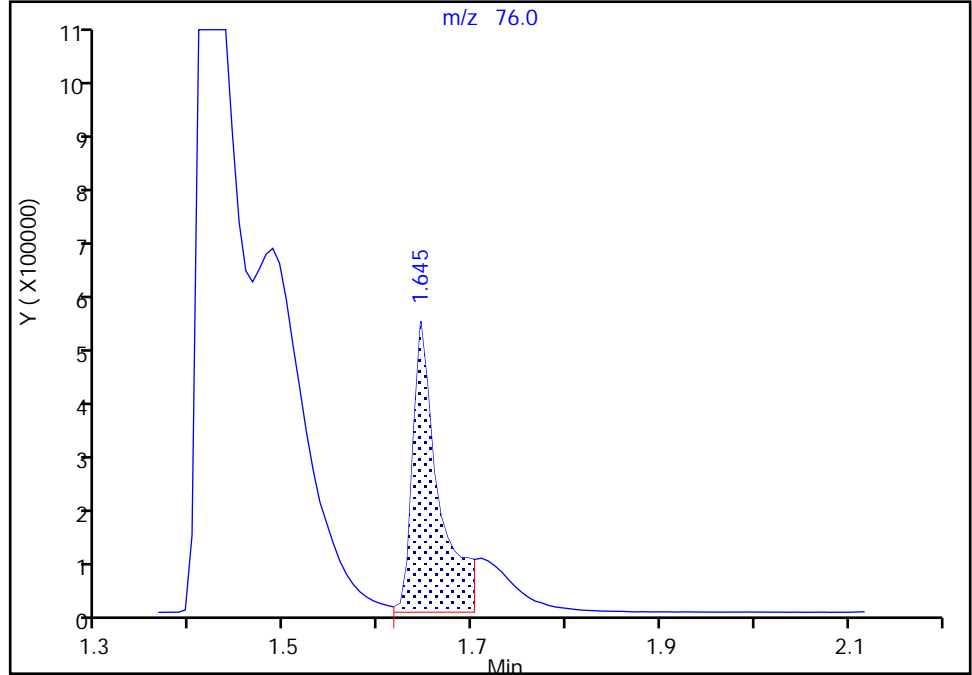
Detector: MS SCAN

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

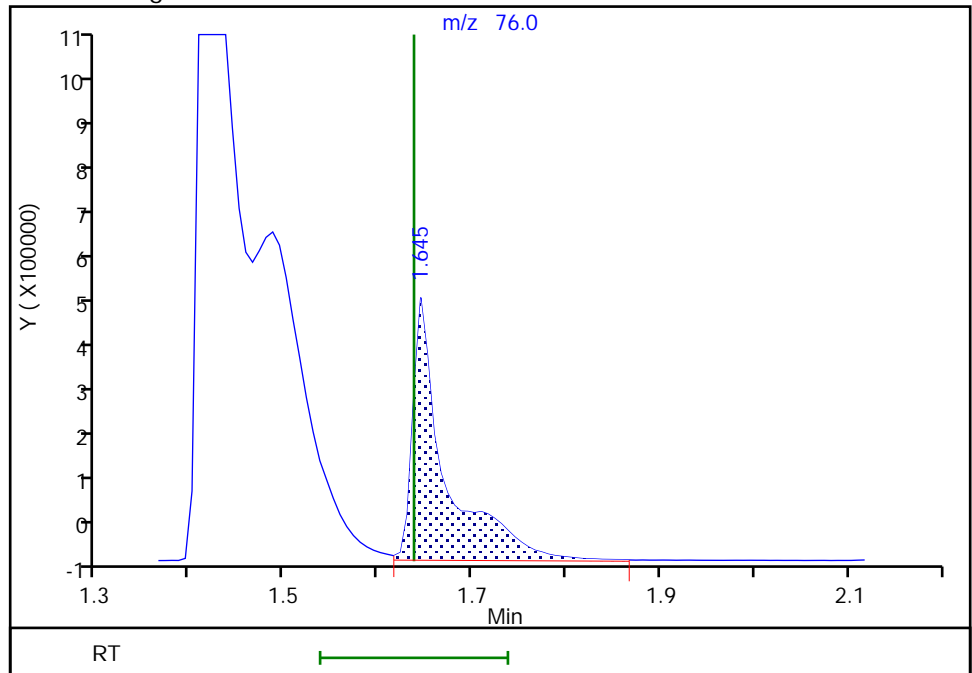
RT: 1.64
Area: 1046249
Amount: 409.6746
Amount Units: ug/l

Processing Integration Results



RT: 1.64
Area: 1326902
Amount: 488.7912
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D
Injection Date: 09-Jul-2020 07:18:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

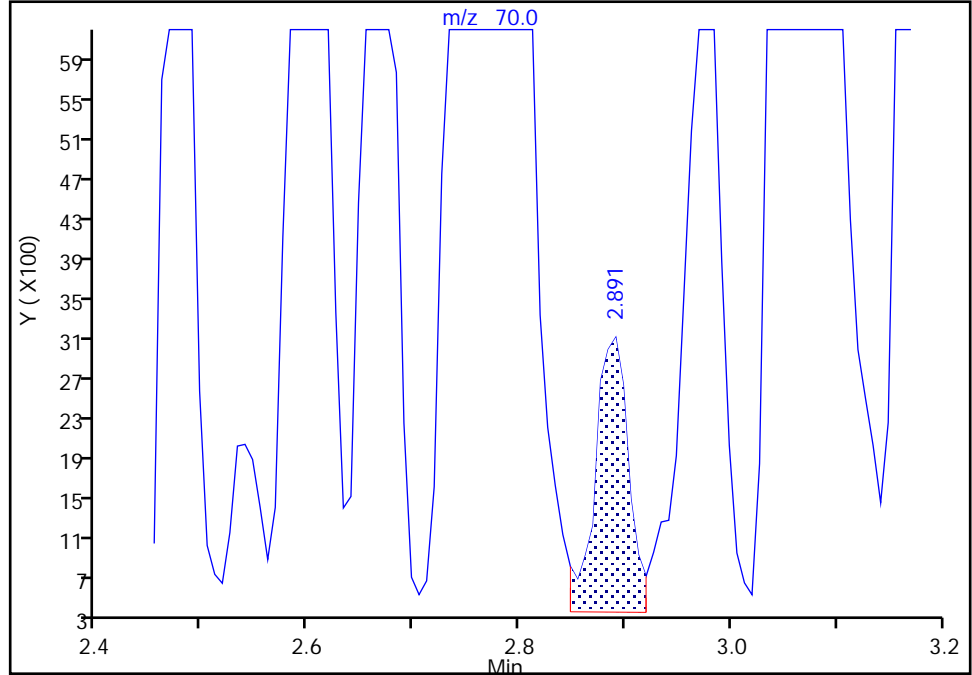
ALS Bottle#: 8 Worklist Smp#: 9
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

48 Ethyl acetate, CAS: 141-78-6

Signal: 1

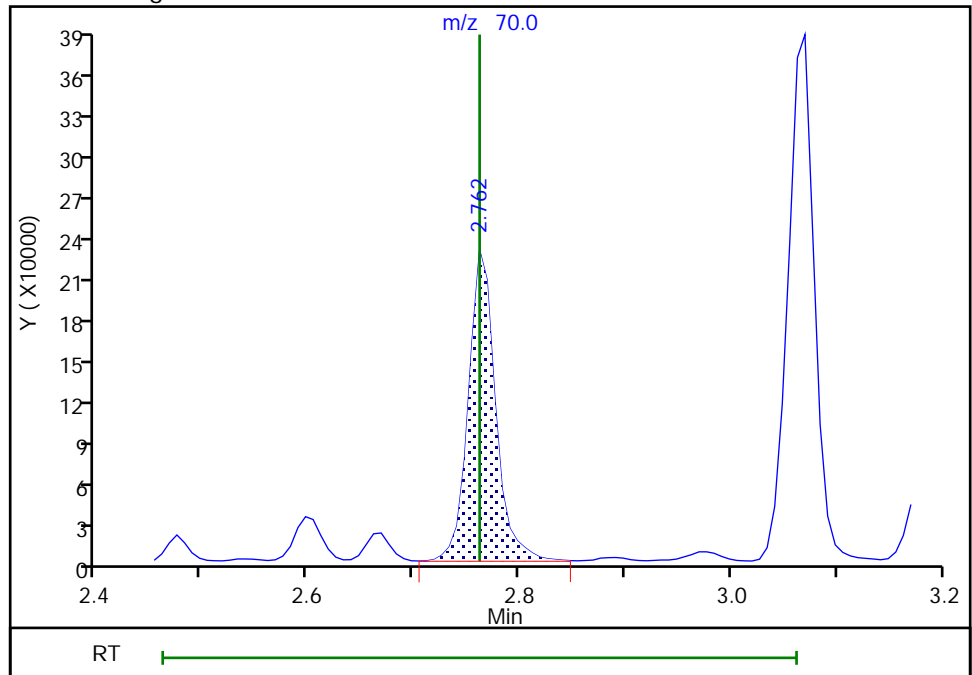
RT: 2.89
Area: 6091
Amount: 19.133147
Amount Units: ug/l

Processing Integration Results



RT: 2.76
Area: 406223
Amount: 1032.0902
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:17:50
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D

Injection Date: 09-Jul-2020 07:18:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

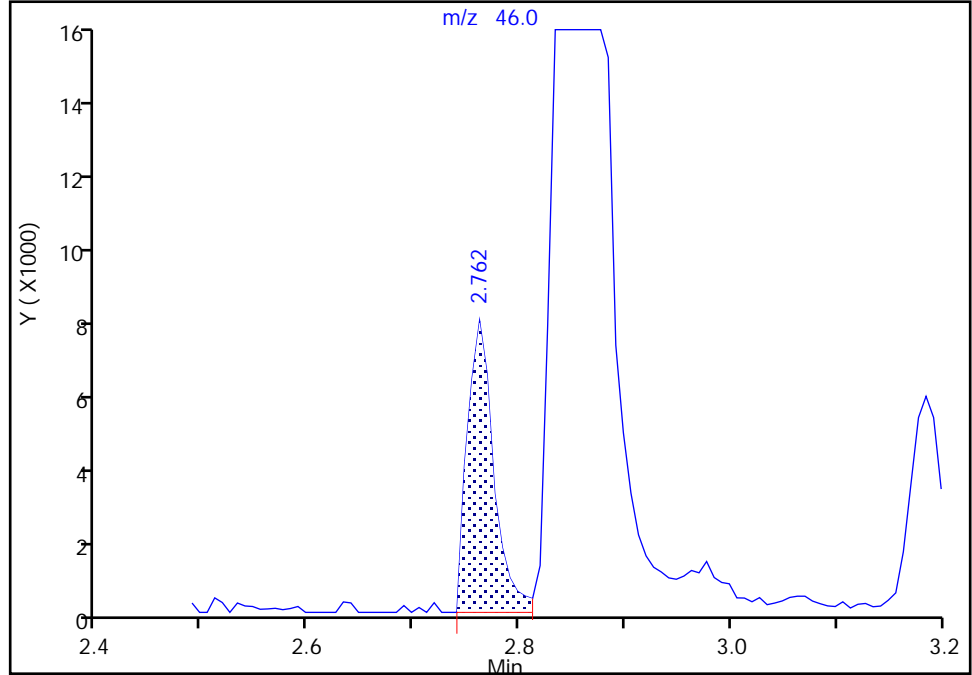
Detector: MS SCAN

* 53 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

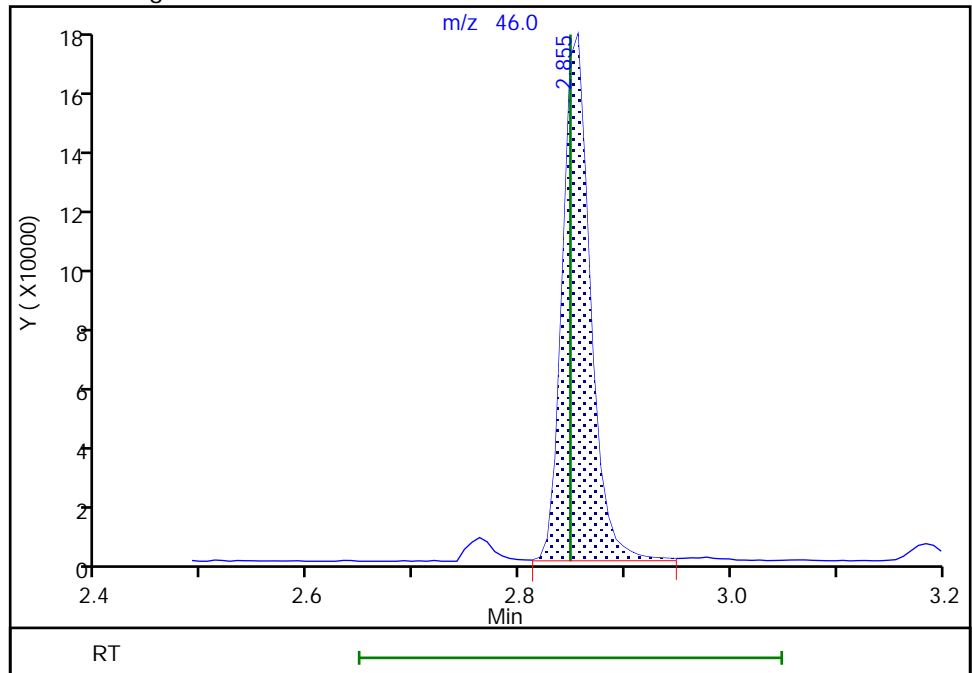
RT: 2.76
Area: 13694
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 319265
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: starzecm, 09-Jul-2020 09:25:25

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Euofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76758.D

Injection Date: 09-Jul-2020 07:18:30

Instrument ID: CVOAMS13

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_13

Limit Group:

VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector

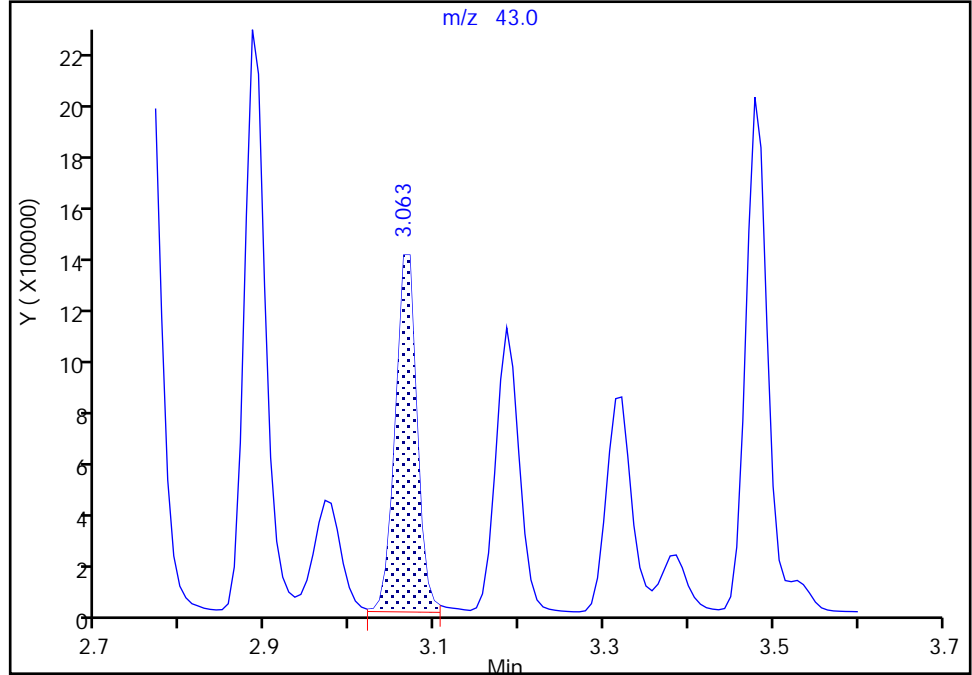
MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

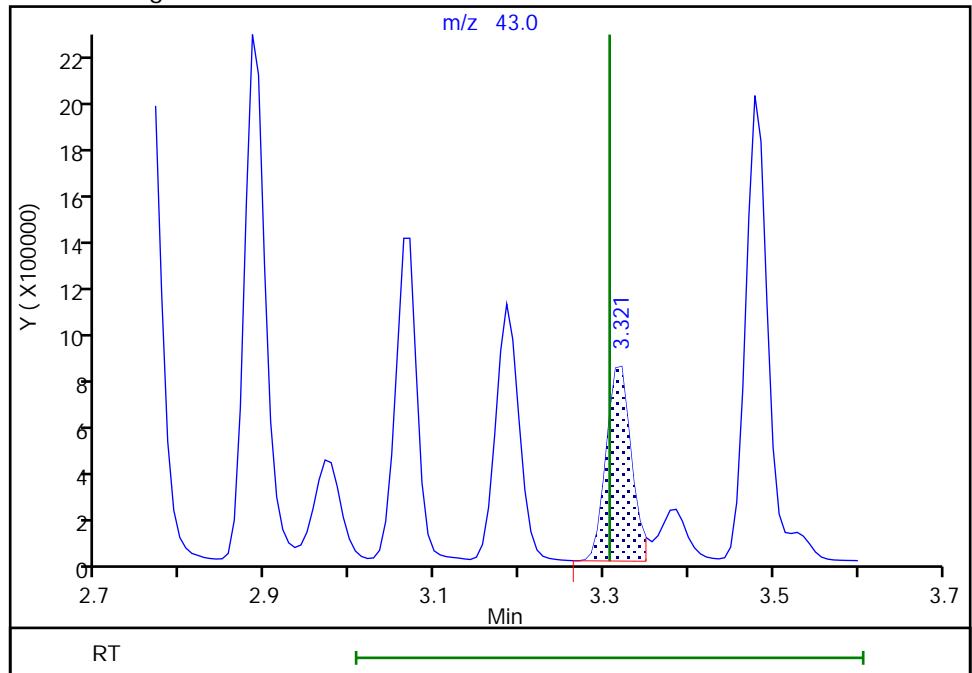
RT: 3.06
Area: 2424463
Amount: 12504
Amount Units: ug/l

Processing Integration Results



RT: 3.32
Area: 1699495
Amount: 14333
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 10:18:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 09-Jul-2020 12:29:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0112940-017
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub62
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: baronm

Date: 09-Jul-2020 11:52:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	88	929	1.00	1.06	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	96	5371	1.00	1.15	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	95	2252	1.00	1.32	
5 Chlorodifluoromethane	67	0.828	0.842	-0.014	95	818	1.00	1.27	
7 Vinyl chloride	62	0.900	0.900	0.000	61	5010	1.00	1.14	
6 Chloromethane	50	0.900	0.900	0.000	81	6529	1.00	1.11	
8 Butadiene	54	0.900	0.900	0.000	89	4129	1.00	1.05	
9 Bromomethane	94	1.043	1.043	0.000	94	2131	1.00	1.09	M
10 Chloroethane	64	1.100	1.100	0.000	99	3776	1.00	1.18	
11 Pentane	72	1.158	1.158	0.000	97	1362	2.00	2.35	
12 Trichlorofluoromethane	101	1.158	1.158	0.000	62	5322	1.00	0.9495	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	97	6932	1.00	1.02	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	97	5397	1.00	0.9437	
15 Ethyl ether	59	1.308	1.308	0.000	94	2909	1.00	0.9470	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	3704	1.00	1.14	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	83	5676	1.00	1.14	
19 Carbon disulfide	76	1.415	1.415	0.000	100	13981	1.00	1.16	
16 Ethanol	46	1.415	1.415	0.000	29	990	40.0	64.7	a
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	84	3400	1.00	1.04	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	94	5919	1.00	1.14	a
22 Iodomethane	142	1.480	1.473	0.007	95	1384	1.00	0.3514	M
23 Cyclopentene	67	1.552	1.552	0.000	97	9490	1.00	1.05	
24 Acrolein	56	1.573	1.573	0.000	91	1108	4.00	3.97	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	86	2079	1.00	1.02	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	1499	10.0	10.3	
27 Methylene Chloride	84	1.702	1.702	0.000	95	4336	1.00	1.10	M
28 Acetone	43	1.723	1.731	-0.008	84	4719	5.00	6.59	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	4390	1.00	1.21	
30 Methyl acetate	43	1.795	1.795	0.000	90	3494	2.00	2.26	
31 Hexane	86	1.831	1.824	0.007	84	769	1.00	0.9183	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	91	8193	1.00	0.8984	
* 33 TBA-d9 (IS)	65	1.867	1.874	-0.007	99	190551	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	99	3519	10.0	16.3	
35 Acetonitrile	41	2.003	1.989	0.014	99	2994	10.0	10.4	
36 Isopropyl ether	45	2.067	2.067	0.000	94	8891	1.00	0.9165	
37 2-Chloro-1,3-butadiene	88	2.125	2.117	0.008	92	3087	1.00	1.11	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	99	5874	1.00	1.04	
39 Acrylonitrile	53	2.168	2.168	0.000	96	8156	10.0	8.86	
40 Tert-butyl ethyl ether	59	2.296	2.289	0.007	91	7625	1.00	0.8571	
41 Vinyl acetate	43	2.311	2.297	0.014	100	9911	2.00	1.70	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	95	3795	1.00	1.15	
43 2,2-Dichloropropane	77	2.533	2.540	-0.007	89	4261	1.00	1.09	
44 Cyclohexane	56	2.604	2.597	0.007	94	5160	1.00	1.03	
45 Chlorobromomethane	128	2.612	2.605	0.007	86	1717	1.00	1.13	
46 Chloroform	83	2.662	2.662	0.000	97	5661	1.00	1.06	
47 Carbon tetrachloride	117	2.748	2.748	0.000	90	3308	1.00	0.99	
49 Methyl acrylate	55	2.769	2.762	0.007	47	1541	1.00	0.7504	
48 Ethyl acetate	70	2.762	2.762	0.000	95	556	2.00	2.24	
50 Tetrahydrofuran	42	2.776	2.769	0.007	43	1900	2.00	2.25	
\$ 51 Dibromofluoromethane (Surr)	113	2.791	2.784	0.007	97	135665	50.0	50.4	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	36	4314	1.00	1.00	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	201418	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	79	1361	5.00	5.12	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	92	5085	1.00	1.17	a
56 Isooctane	57	2.970	2.970	0.000	93	8016	1.00	1.09	
58 Benzene	78	3.070	3.063	0.007	96	12345	1.00	1.01	
57 n-Heptane	57	3.063	3.063	0.000	55	2146	1.00	1.16	
59 Propionitrile	54	3.092	3.092	0.000	60	3256	10.0	10.7	
60 Methacrylonitrile	67	3.113	3.106	0.007	93	7625	10.0	7.26	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	151167	50.0	46.8	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	38	6166	1.00	0.8303	a
63 1,2-Dichloroethane	62	3.228	3.228	0.000	93	4444	1.00	1.11	
64 Isobutyl alcohol	43	3.314	3.307	0.007	91	1704	25.0	24.1	
65 t-Amyl alcohol	59	3.378	3.371	0.007	79	1165	10.0	10.0	a
* 66 Fluorobenzene	96	3.400	3.400	0.000	98	576399	50.0	50.0	
67 Isopropyl acetate	43	3.478	3.471	0.007	90	3434	1.00	0.7546	
68 Methylcyclohexane	83	3.529	3.521	0.007	93	4459	1.00	0.9484	
69 Trichloroethene	130	3.550	3.550	0.000	89	2932	1.00	0.9519	
70 2-ethoxy-2-methyl butane	59	3.794	3.786	0.008	91	5970	1.00	0.9133	
71 Dibromomethane	93	3.922	3.908	0.014	93	1686	1.00	0.9699	
72 n-Butanol	56	3.973	3.930	0.043	34	310	25.0	6.61	a
73 1,2-Dichloropropane	63	4.001	3.994	0.007	86	2817	1.00	0.9236	
75 Dichlorobromomethane	83	4.080	4.080	0.000	98	3577	1.00	0.9418	
74 Ethyl acrylate	55	4.137	4.080	0.057	33	1869	1.00	1.03	Ma
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	63	19891	1000.0	1000.0	
77 Methyl methacrylate	100	4.288	4.274	0.014	77	836	2.00	1.41	
78 1,4-Dioxane	88	4.288	4.281	0.007	62	1410	50.0	53.3	
79 n-Propyl acetate	43	4.460	4.431	0.029	71	1692	1.00	1.02	
81 cis-1,3-Dichloropropene	75	4.725	4.710	0.015	96	3495	1.00	0.8242	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	490691	50.0	50.2	
83 Toluene	91	4.954	4.954	0.000	93	13219	1.00	1.05	
84 Epichlorohydrin	57	5.018	4.983	0.035	6	1420	20.0	13.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 2-Nitropropane	41	5.205	5.205	0.000	42	1025	2.00	1.91	a
86 Tetrachloroethene	166	5.377	5.369	0.008	93	3072	1.00	1.05	
87 4-Methyl-2-pentanone (MIBK)	43	5.441	5.420	0.021	96	6594	5.00	3.76	
88 trans-1,3-Dichloropropene	75	5.513	5.455	0.058	42	2605	1.00	0.6941	
89 1,1,2-Trichloroethane	83	5.642	5.620	0.022	93	1761	1.00	0.8840	
90 Ethyl methacrylate	69	5.763	5.713	0.050	58	1361	1.00	1.01	a
91 Chlorodibromomethane	129	5.828	5.814	0.014	95	1733	1.00	0.7205	
92 1,3-Dichloropropane	76	5.942	5.928	0.014	89	3592	1.00	0.8825	
93 Ethylene Dibromide	107	6.086	6.057	0.029	85	1462	1.00	0.6673	
94 n-Butyl acetate	43	6.437	6.415	0.022	97	1729	1.00	1.01	
95 2-Hexanone	43	6.501	6.473	0.028	93	3471	5.00	2.67	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	87	403156	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	8646	1.00	1.10	
98 Ethylbenzene	106	6.859	6.845	0.014	98	4334	1.00	0.99	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	86	1938	1.00	0.7915	
100 m-Xylene & p-Xylene	106	7.096	7.060	0.036	0	5336	1.00	1.02	M
101 o-Xylene	106	7.662	7.640	0.022	97	4286	1.00	0.8802	
102 Bromoform	173	7.740	7.705	0.035	87	975	1.00	1.02	
103 Styrene	104	7.805	7.733	0.072	95	5915	1.00	0.7453	
104 n-Butyl acrylate	73	8.113	8.070	0.043	35	517	1.00	1.02	
105 Isopropylbenzene	105	8.142	8.127	0.015	96	12607	1.00	0.9591	
106 Amyl acetate (mixed isomers)	43	8.535	8.478	0.057	37	1936	1.00	1.01	a
\$ 107 4-Bromofluorobenzene	174	8.500	8.493	0.007	95	156314	50.0	48.5	
108 Bromobenzene	156	8.607	8.600	0.007	96	3510	1.00	1.03	M
109 N-Propylbenzene	91	8.772	8.758	0.014	99	14847	1.00	0.9328	
110 1,1,2,2-Tetrachloroethane	83	8.922	8.908	0.014	56	2305	1.00	0.8287	
111 2-Chlorotoluene	91	8.944	8.922	0.022	97	10943	1.00	0.9832	
112 4-Ethyltoluene	105	8.965	8.944	0.021	97	12213	1.00	0.9212	
113 1,2,3-Trichloropropane	110	9.058	9.037	0.021	87	670	1.00	0.8560	
114 1,3,5-Trimethylbenzene	105	9.109	9.101	0.007	92	11009	1.00	1.00	
115 trans-1,4-Dichloro-2-butene	53	9.144	9.173	-0.029	1	189	1.00	0.2578	a
116 4-Chlorotoluene	91	9.223	9.187	0.036	96	9635	1.00	0.9707	M
117 tert-Butylbenzene	119	9.567	9.560	0.007	91	9021	1.00	0.9850	
118 1,2,4-Trimethylbenzene	105	9.710	9.696	0.014	98	9818	1.00	0.8756	
119 Butyl Methacrylate	87	9.732	9.710	0.022	94	1680	1.00	1.02	
120 sec-Butylbenzene	105	9.861	9.854	0.007	99	14758	1.00	1.03	
121 1,3-Dichlorobenzene	146	10.133	10.111	0.022	79	6339	1.00	0.9816	
122 4-Isopropyltoluene	119	10.140	10.133	0.007	95	10693	1.00	0.9163	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	222551	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	64	8470	1.00	1.20	
125 1,2,3-Trimethylbenzene	105	10.384	10.369	0.015	99	10802	1.00	0.9181	
126 2,3-Dihydroindene	117	10.563	10.541	0.022	94	11104	1.00	0.9489	
127 Benzyl chloride	126	10.756	10.727	0.029	69	321	1.00	1.02	
128 p-Diethylbenzene	119	10.763	10.742	0.021	91	5328	1.00	0.8958	
129 n-Butylbenzene	91	10.842	10.828	0.014	96	10404	1.00	0.9369	
130 1,2-Dichlorobenzene	146	10.949	10.928	0.021	94	6656	1.00	1.03	M
131 1,2,4,5-Tetramethylbenzene	119	11.945	11.938	0.007	97	9830	1.00	0.9047	
132 1,2-Dibromo-3-Chloropropane	157	12.095	12.081	0.014	1	374	1.00	0.7292	a
133 1,3,5-Trichlorobenzene	180	12.160	12.131	0.029	95	5503	1.00	1.11	
134 1,2,4-Trichlorobenzene	180	12.862	12.826	0.036	77	4086	1.00	0.9454	
135 Hexachlorobutadiene	225	12.848	12.848	0.000	90	1825	1.00	1.14	
136 Naphthalene	128	13.163	13.127	0.036	99	6863	1.00	0.7866	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.320	13.306	0.014	93	4447	1.00	1.10	
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.36	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.52	
S 140 Xylenes, Total	100				0		2.00	1.90	
S 142 Total BTEX	1				0		5.00	4.95	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00120	Amount Added: 10.00	Units: uL	
ACROLEIN W_00108	Amount Added: 4.00	Units: uL	
GASES Li_00376	Amount Added: 10.00	Units: uL	
524freon_00024	Amount Added: 10.00	Units: uL	
14DIOXINTER_00116	Amount Added: 30.00	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\CVOAMS13\20200709-112940.b\P76766.D

Injection Date: 09-Jul-2020 12:29:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: STD1

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

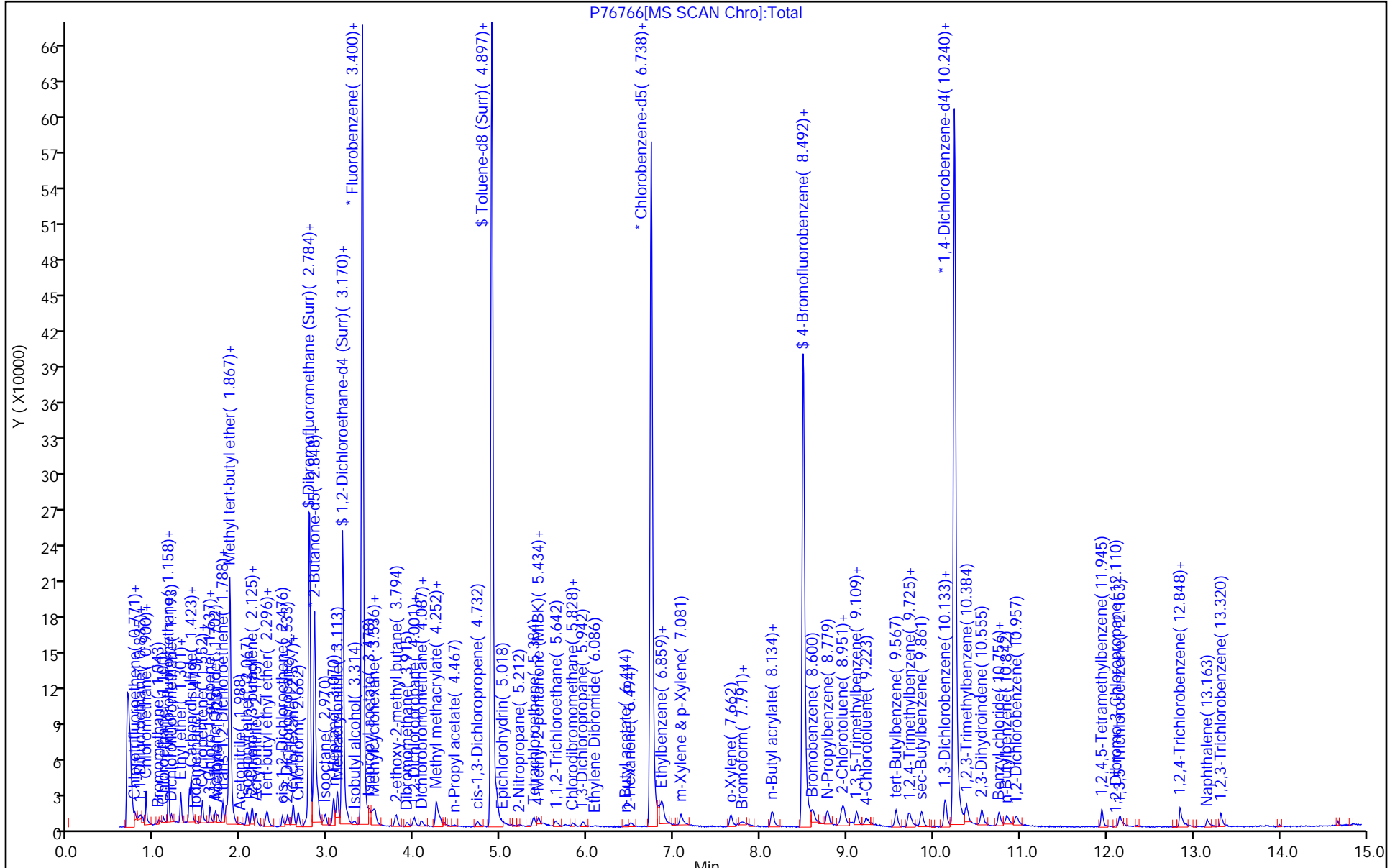
Dil. Factor: 1.0000

ALS Bottle#: 16

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

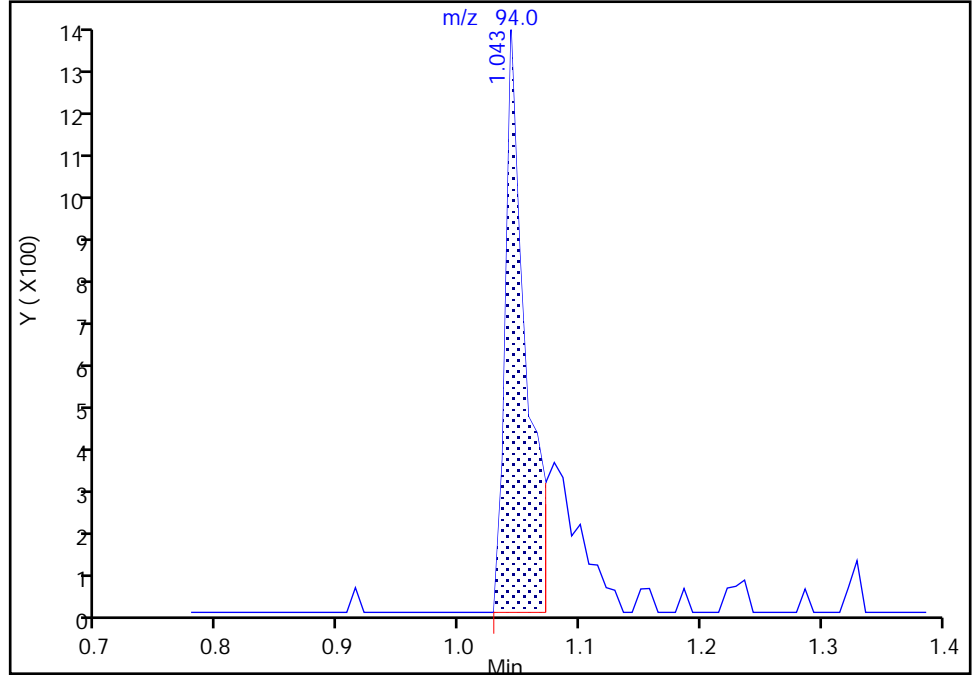
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

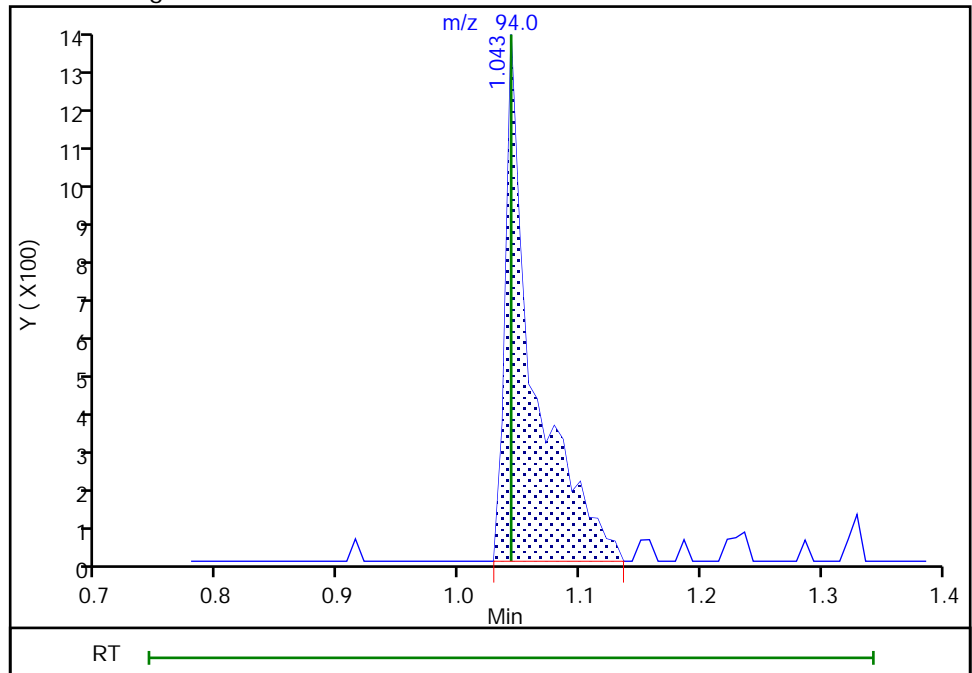
RT: 1.04
Area: 1556
Amount: 1.017466
Amount Units: ug/l

Processing Integration Results



RT: 1.04
Area: 2131
Amount: 1.088767
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:47:26
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

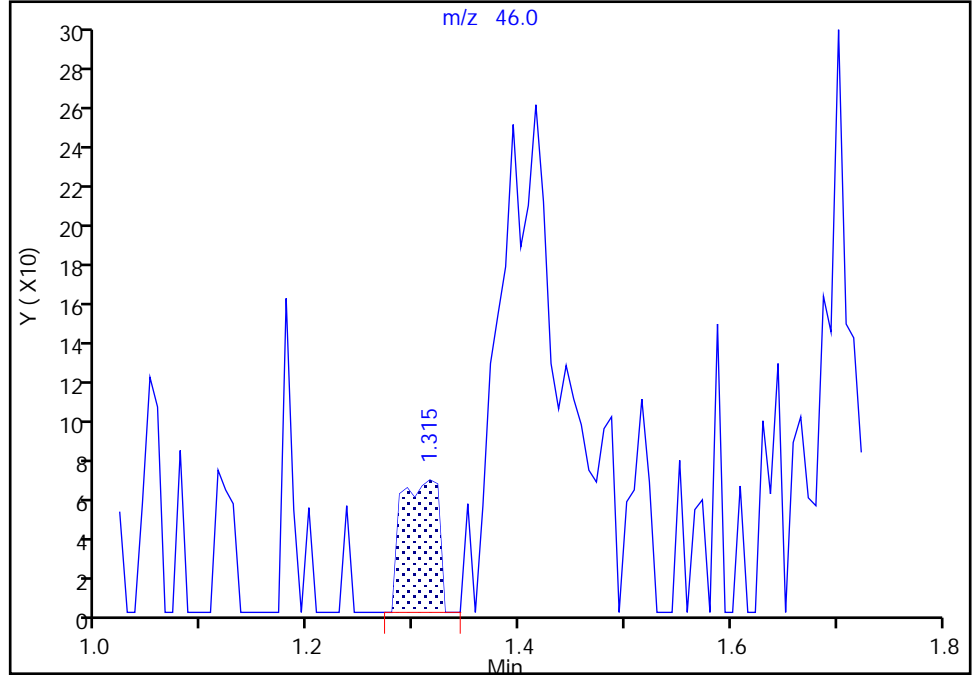
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

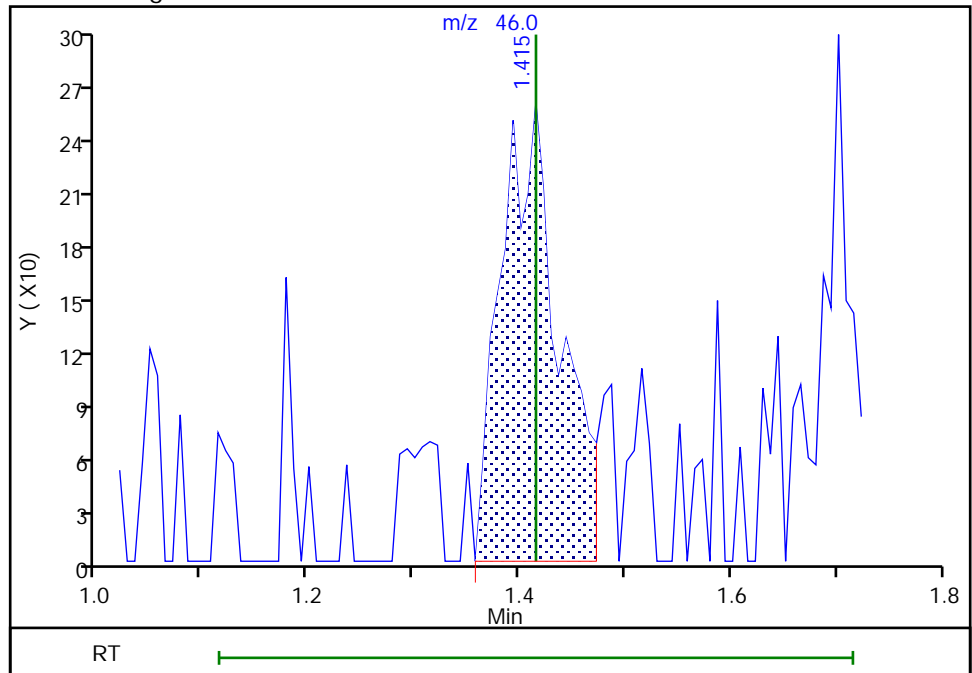
RT: 1.32
Area: 162
Amount: 10.586074
Amount Units: ug/l

Processing Integration Results



RT: 1.42
Area: 990
Amount: 64.693927
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:47:40
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

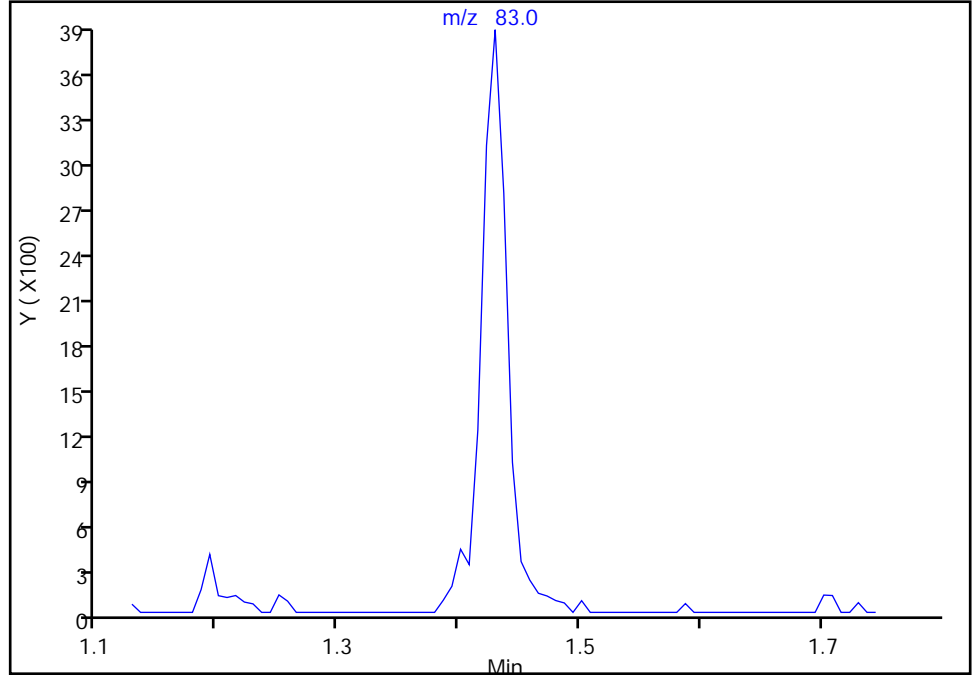
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

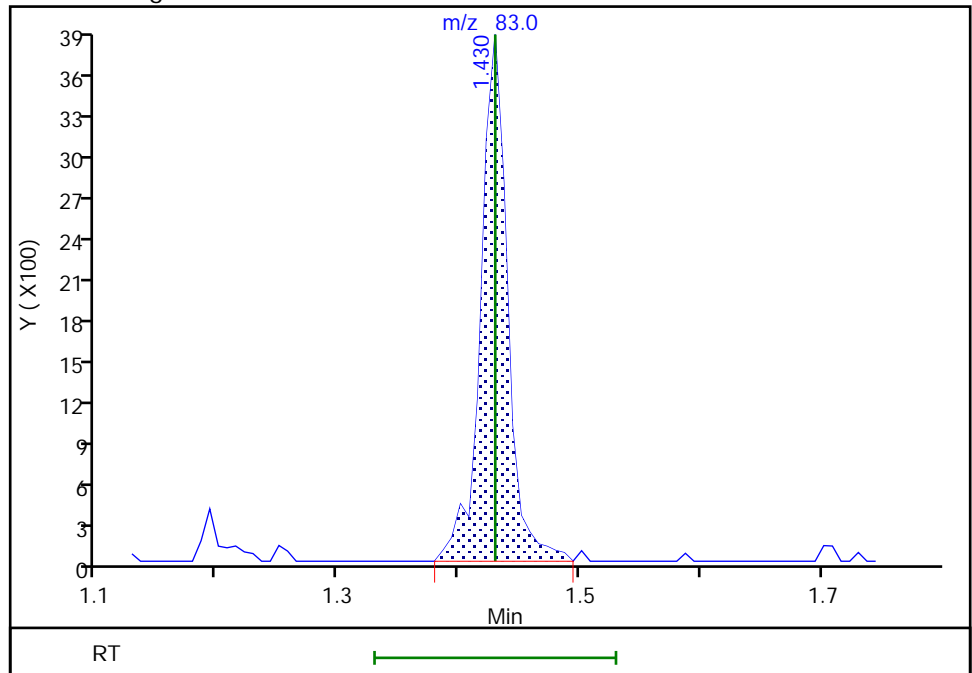
Not Detected
Expected RT: 1.43

Processing Integration Results



Manual Integration Results

RT: 1.43
Area: 5919
Amount: 1.144958
Amount Units: ug/l



Eurofins TestAmerica, Edison

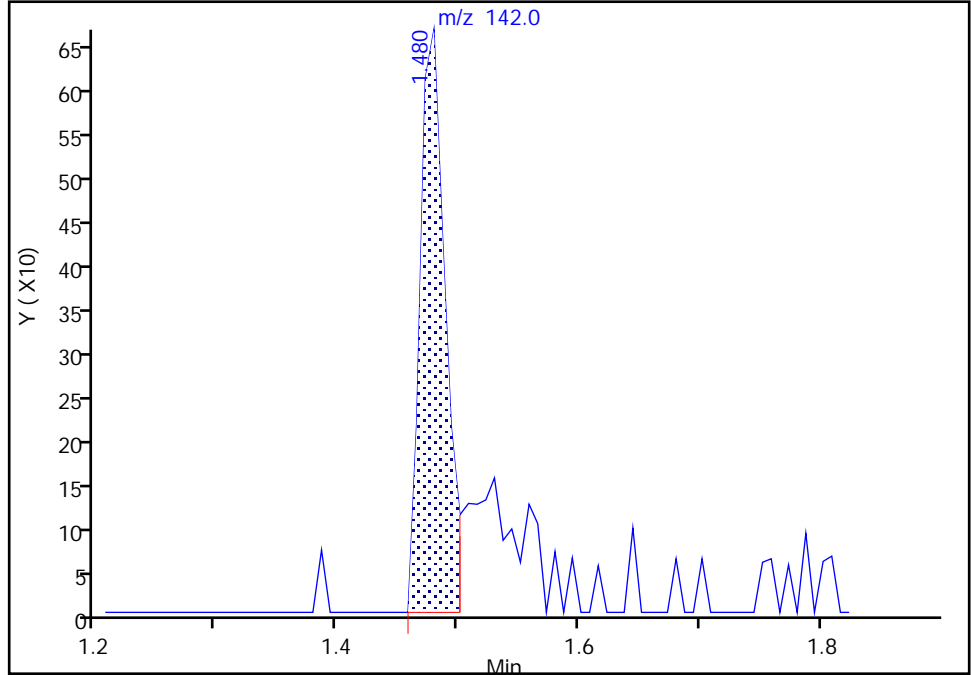
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

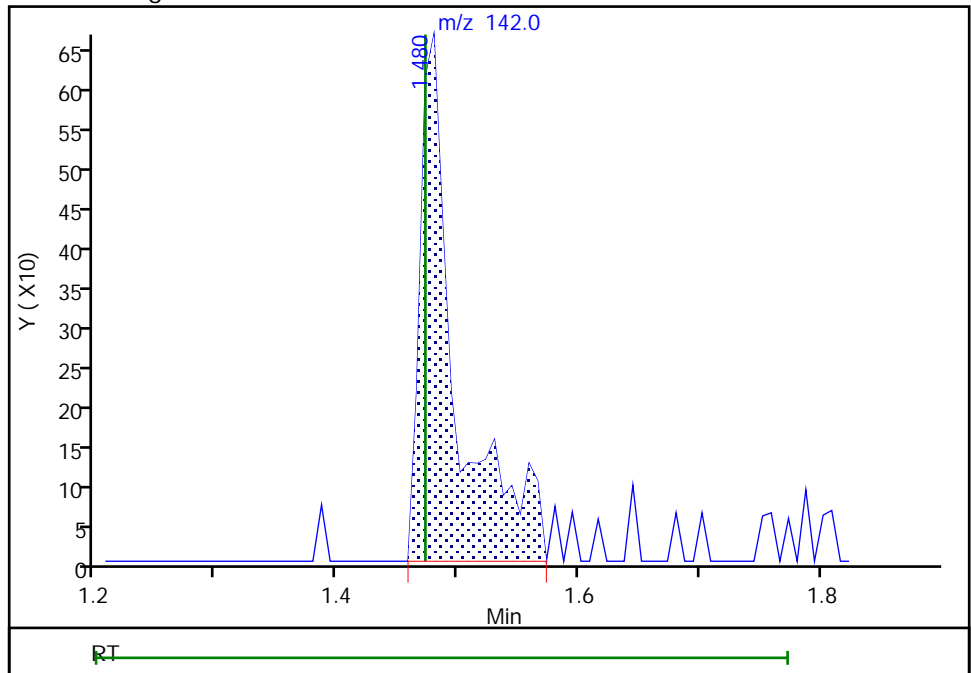
RT: 1.48
Area: 960
Amount: 0.243479
Amount Units: ug/l

Processing Integration Results



RT: 1.48
Area: 1384
Amount: 0.351363
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

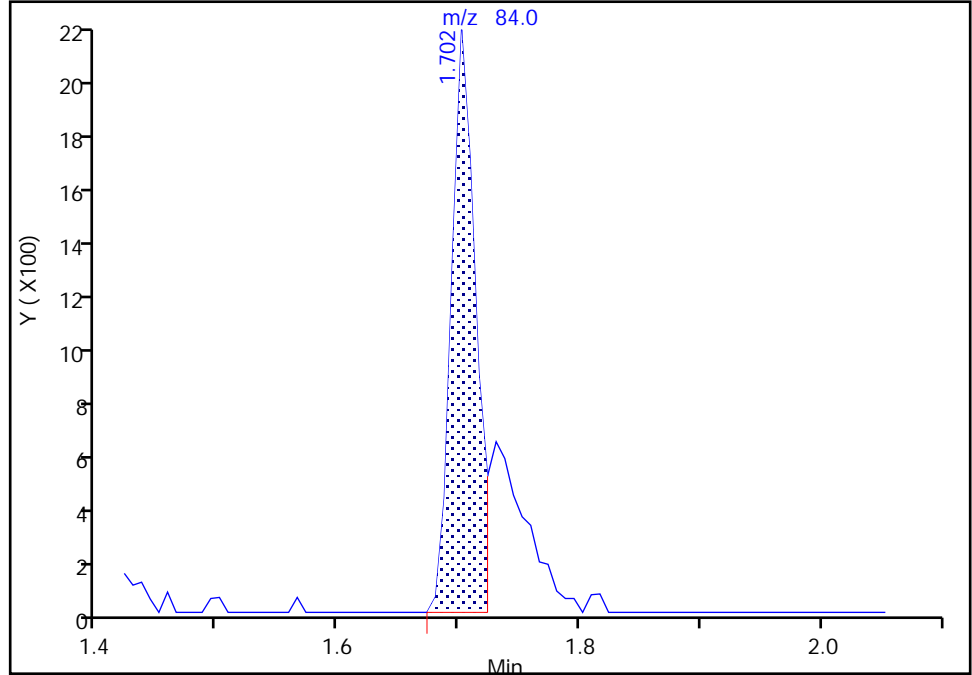
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

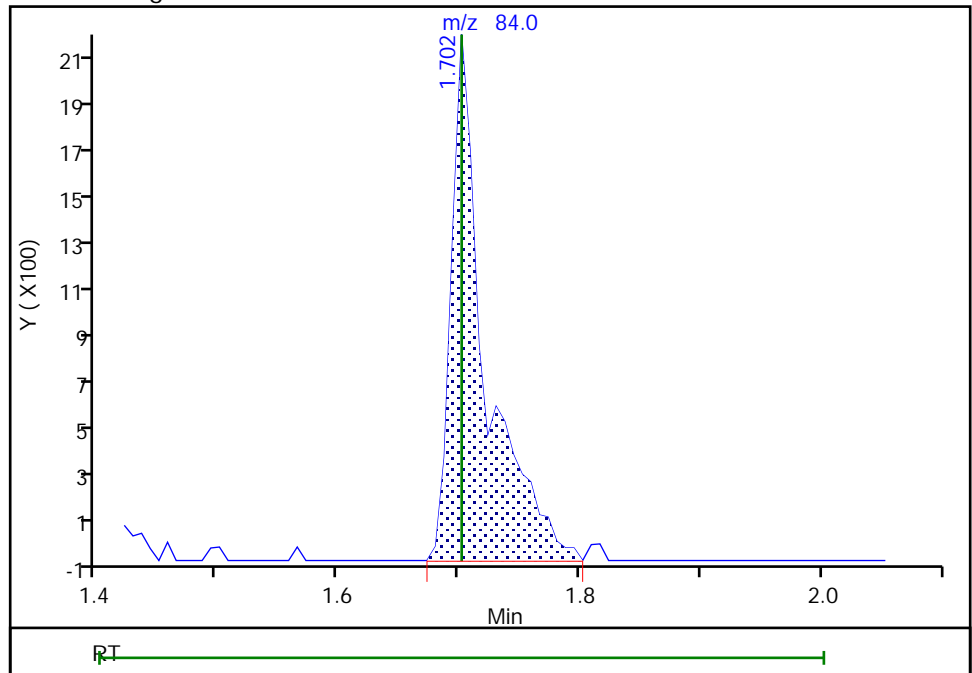
RT: 1.70
Area: 3070
Amount: 0.840947
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 4336
Amount: 1.097584
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:48:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

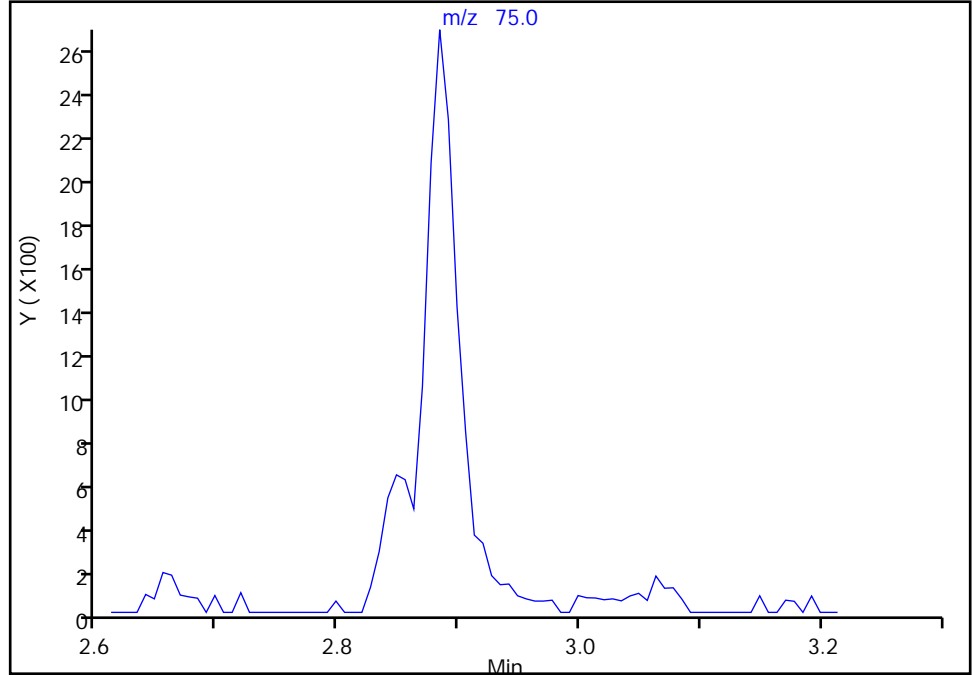
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Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

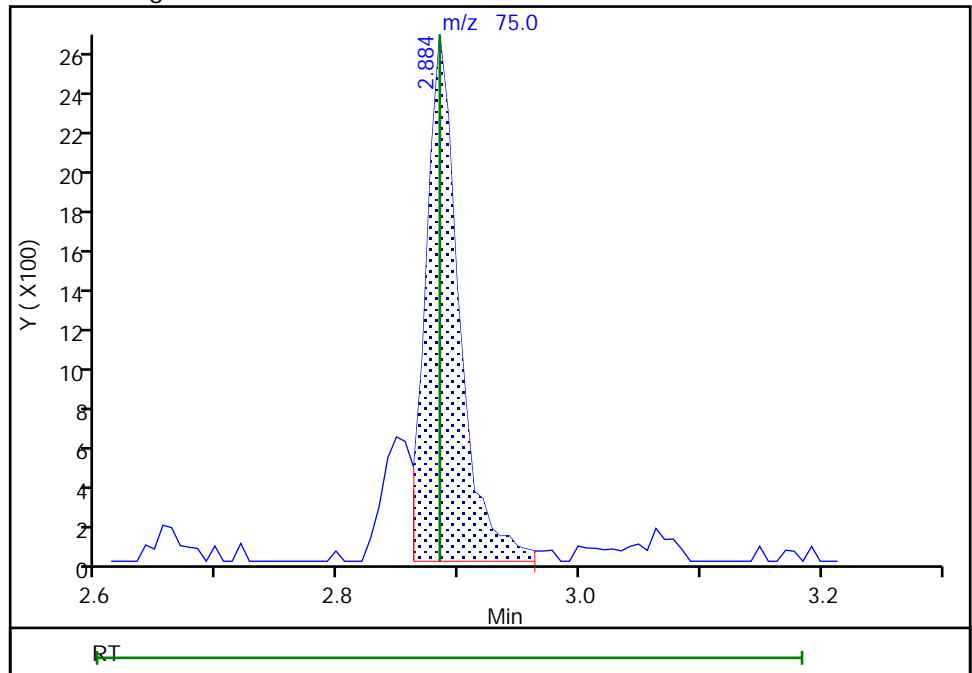
Not Detected
Expected RT: 2.88

Processing Integration Results



Manual Integration Results

RT: 2.88
Area: 5085
Amount: 1.170648
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:48:39
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

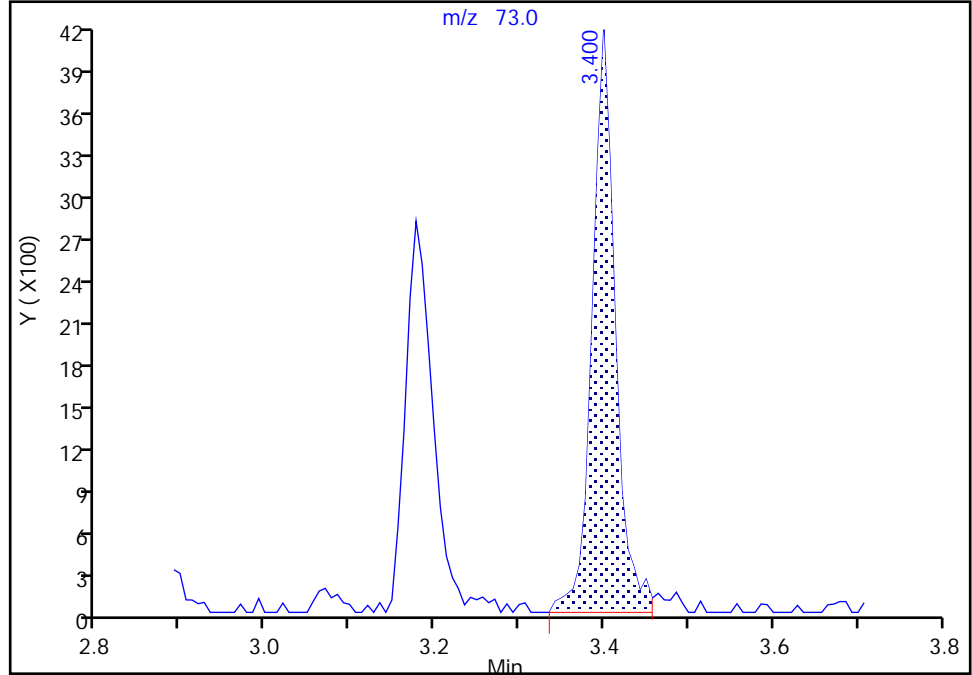
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Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

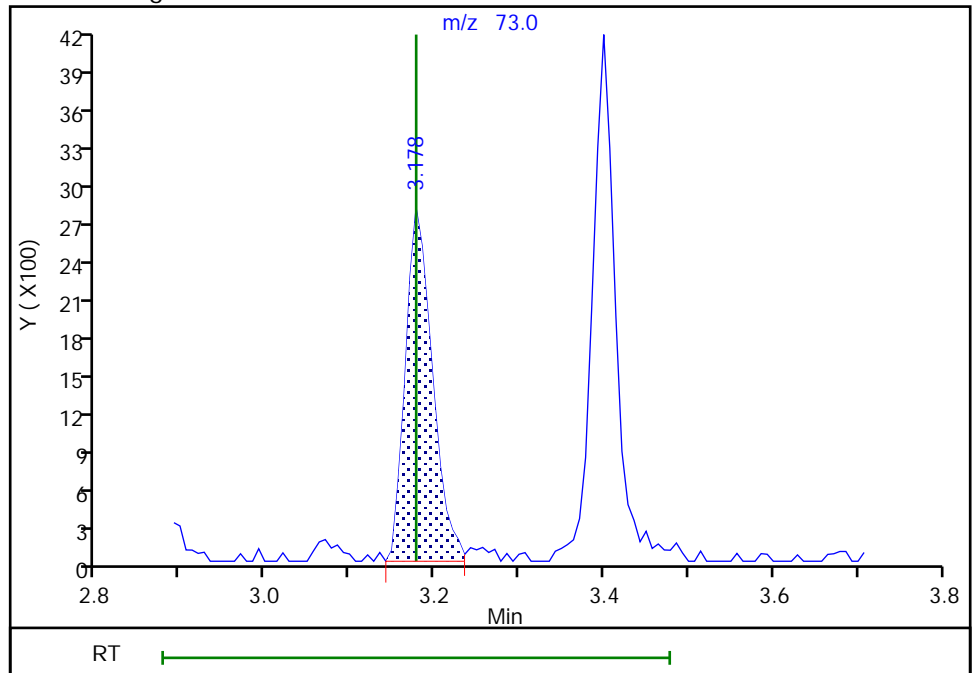
RT: 3.40
Area: 7886
Amount: 1.001220
Amount Units: ug/l

Processing Integration Results



RT: 3.18
Area: 6166
Amount: 0.830314
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

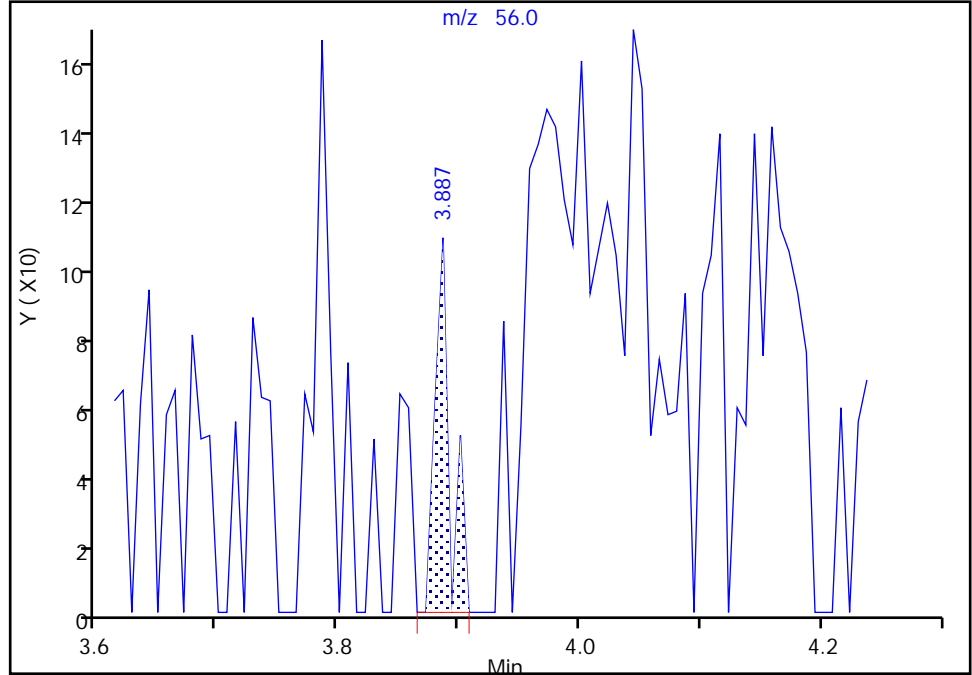
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

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

Signal: 1

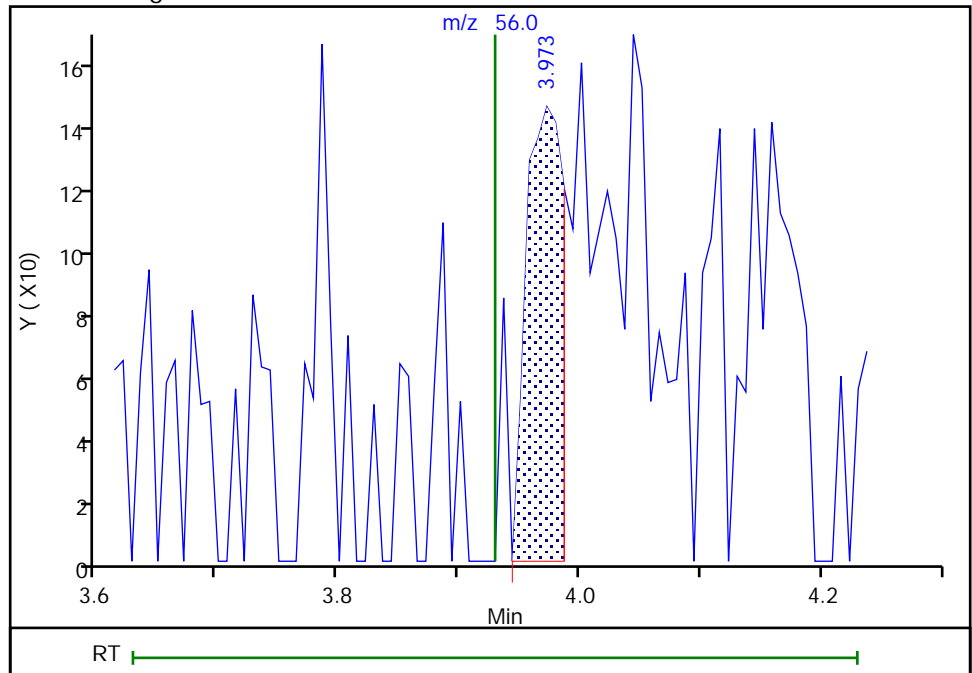
RT: 3.89
Area: 93
Amount: 1.981292
Amount Units: ug/l

Processing Integration Results



RT: 3.97
Area: 310
Amount: 6.607311
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:49:10
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

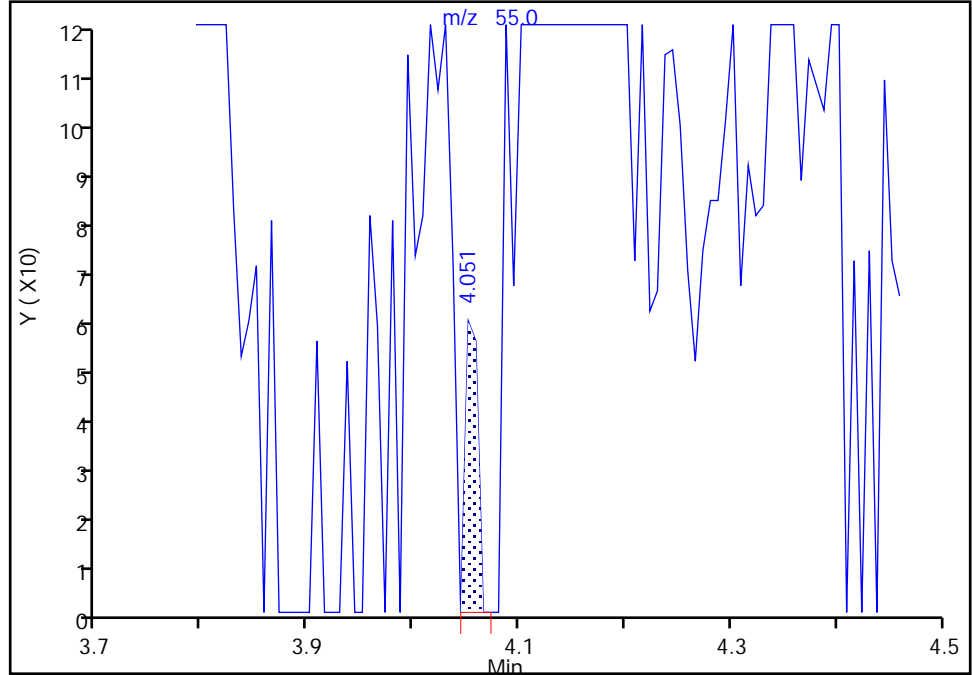
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Signal: 1

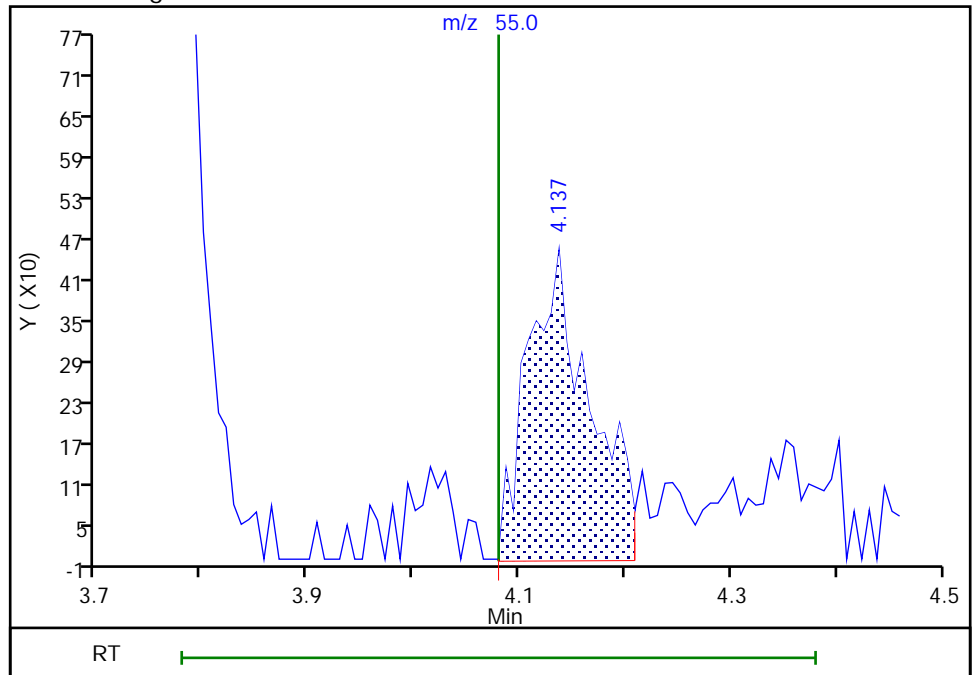
RT: 4.05
Area: 48
Amount: 0.015938
Amount Units: ug/l

Processing Integration Results



RT: 4.14
Area: 1869
Amount: 1.034622
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:49:58
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

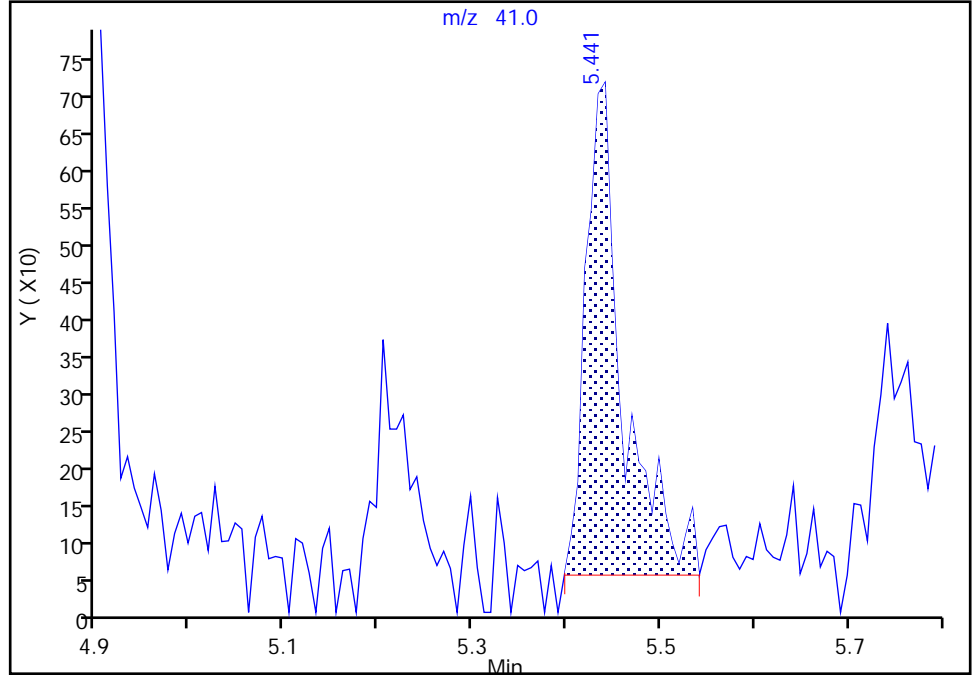
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

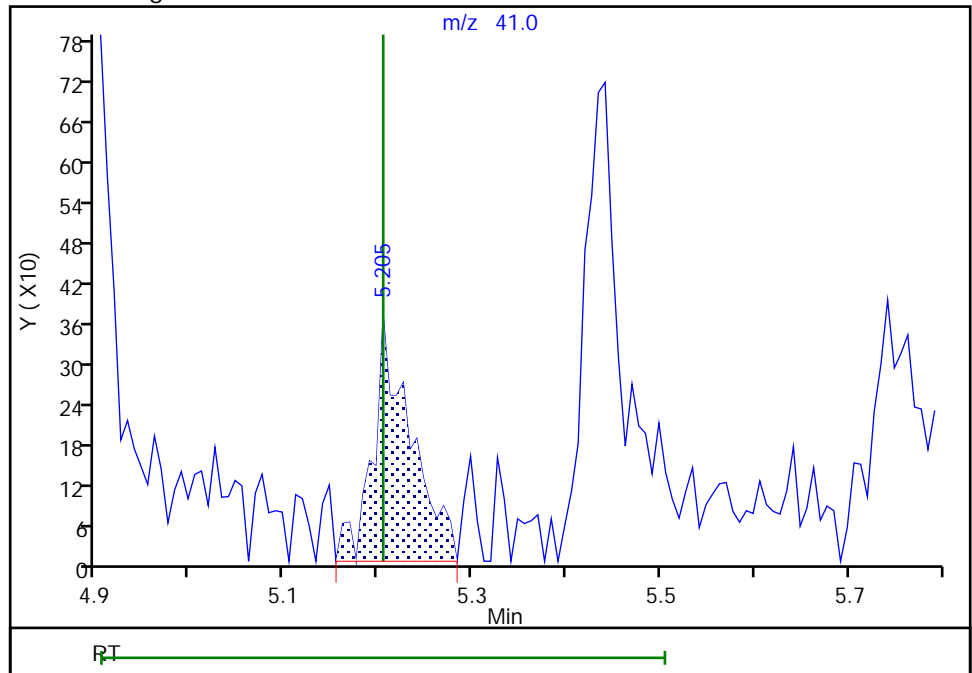
RT: 5.44
Area: 1810
Amount: 3.253204
Amount Units: ug/l

Processing Integration Results



RT: 5.20
Area: 1025
Amount: 1.910466
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:14
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

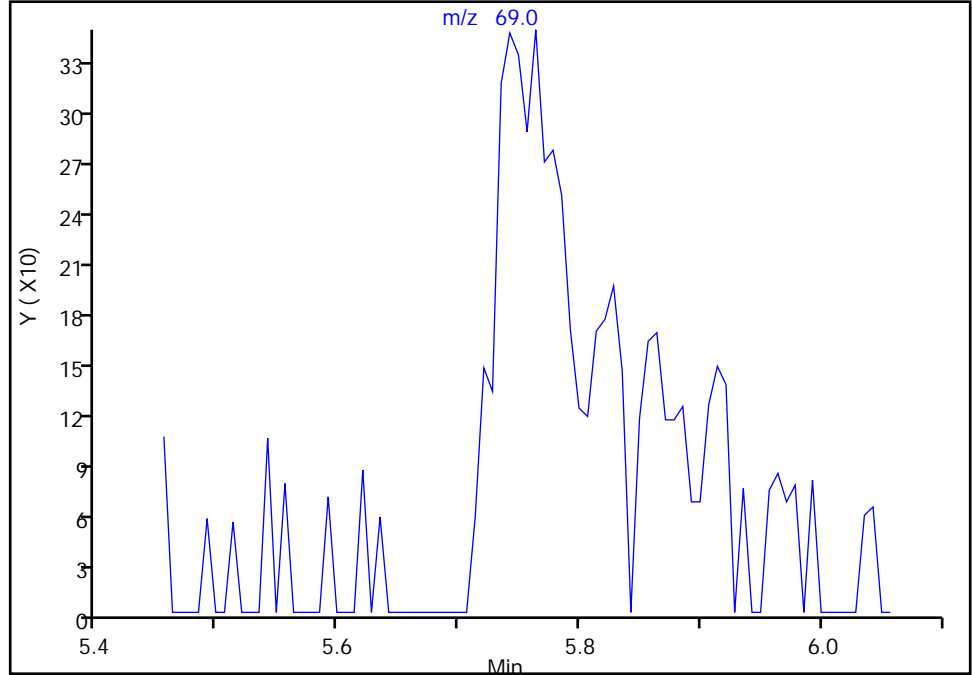
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

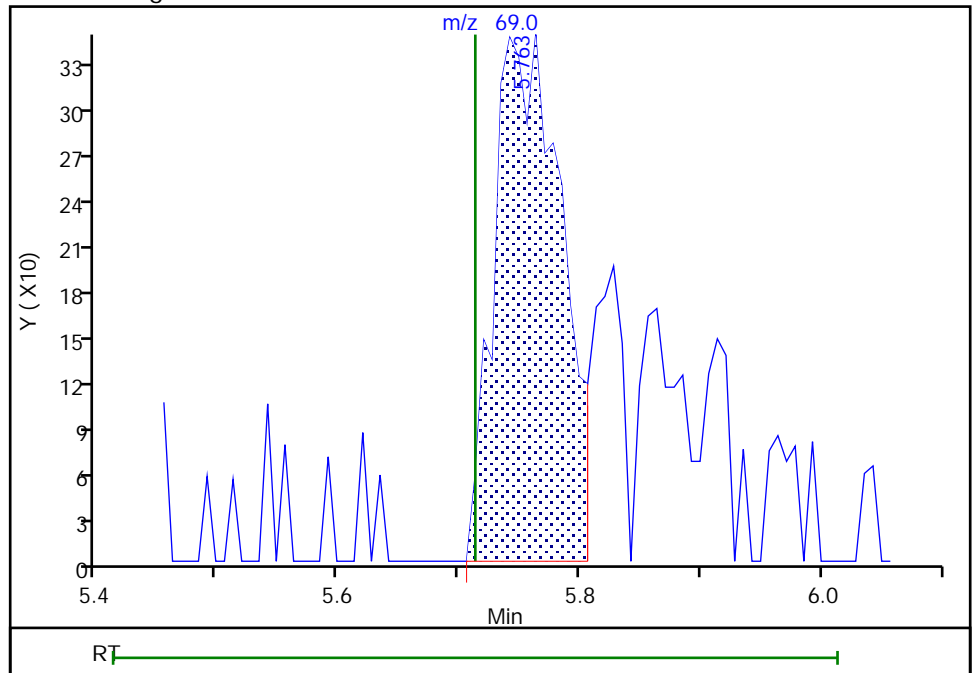
Not Detected
Expected RT: 5.71

Processing Integration Results



Manual Integration Results

RT: 5.76
Area: 1361
Amount: 1.009963
Amount Units: ug/l



Reviewer: baronm, 09-Jul-2020 11:50:23
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\p76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

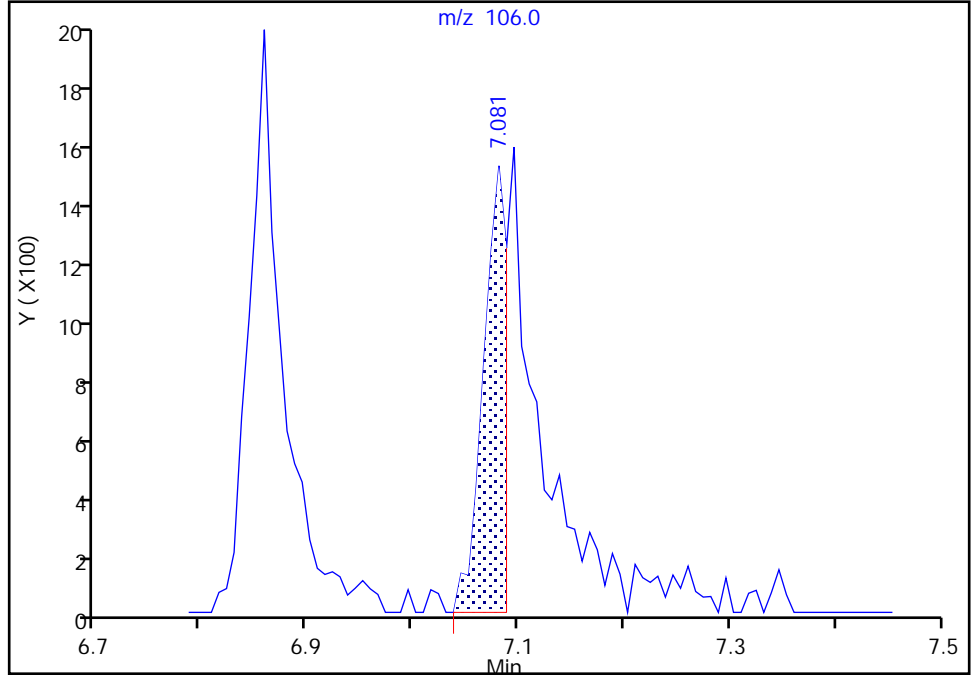
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

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

Signal: 1

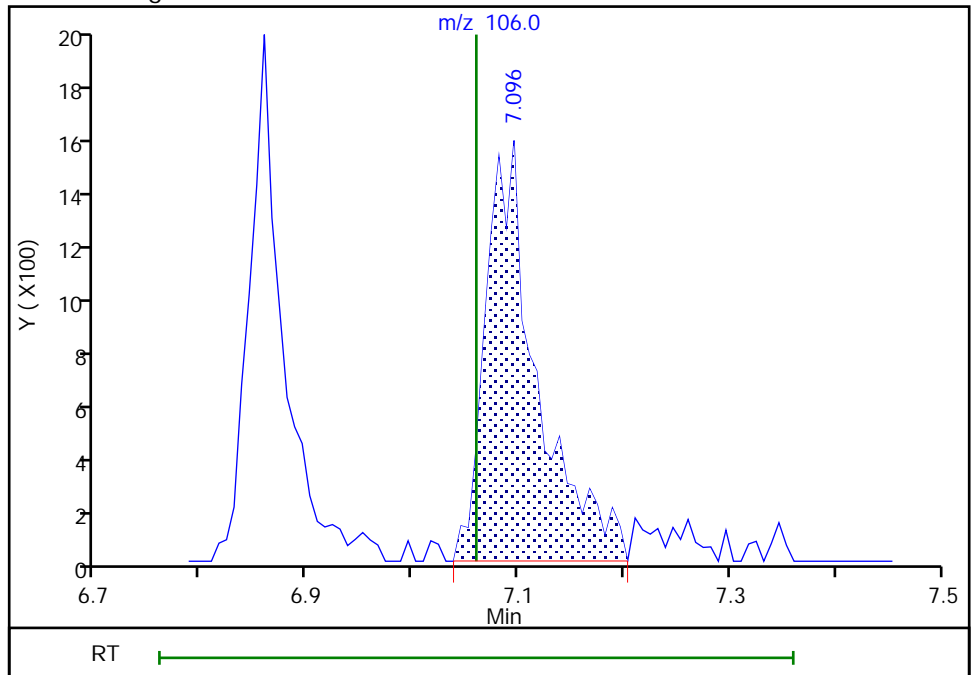
RT: 7.08
Area: 2380
Amount: 0.448382
Amount Units: ug/l

Processing Integration Results



RT: 7.10
Area: 5336
Amount: 1.020741
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

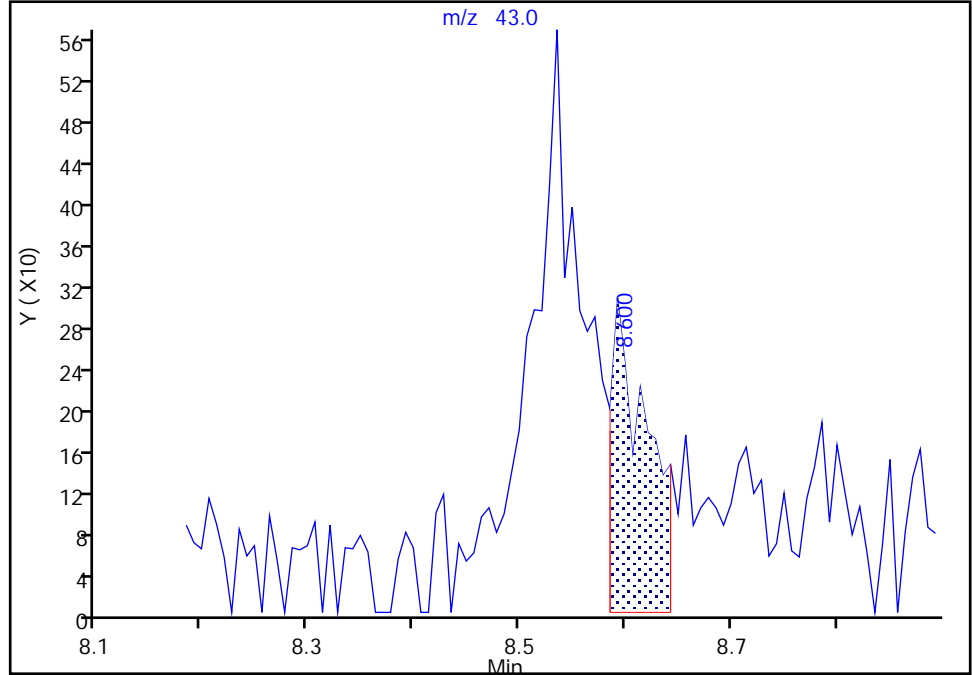
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

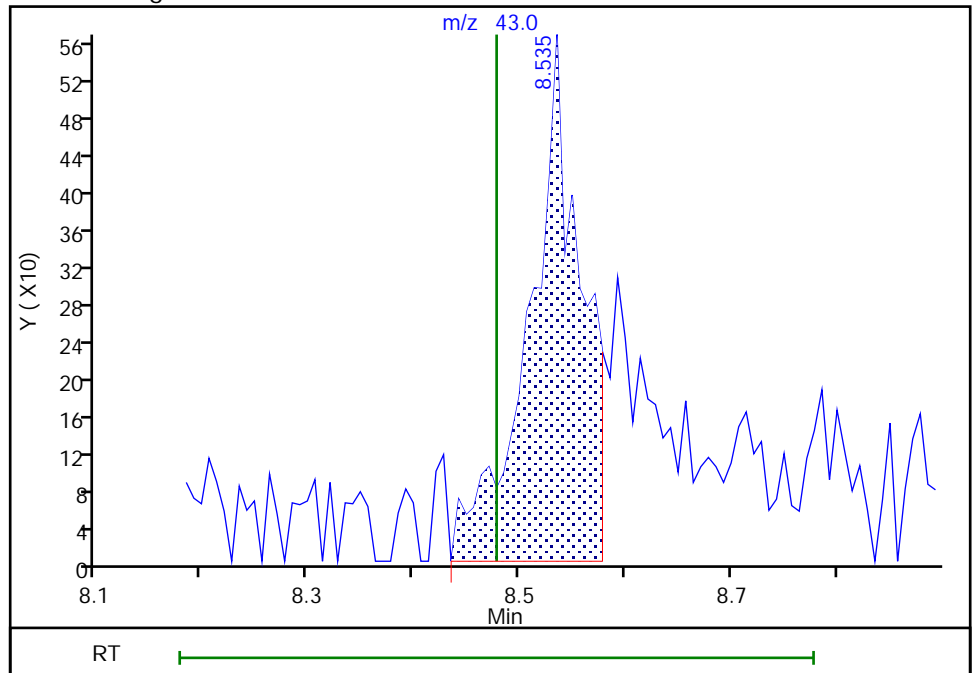
RT: 8.60
Area: 746
Amount: 0.184237
Amount Units: ug/l

Processing Integration Results



RT: 8.54
Area: 1936
Amount: 1.010536
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:50:59
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

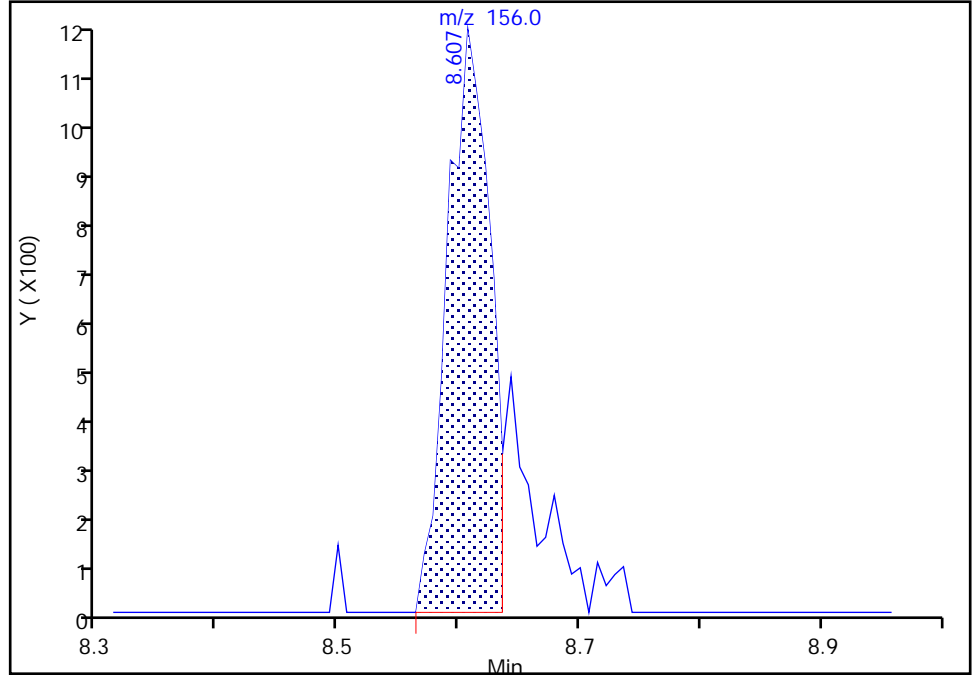
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

108 Bromobenzene, CAS: 108-86-1

Signal: 1

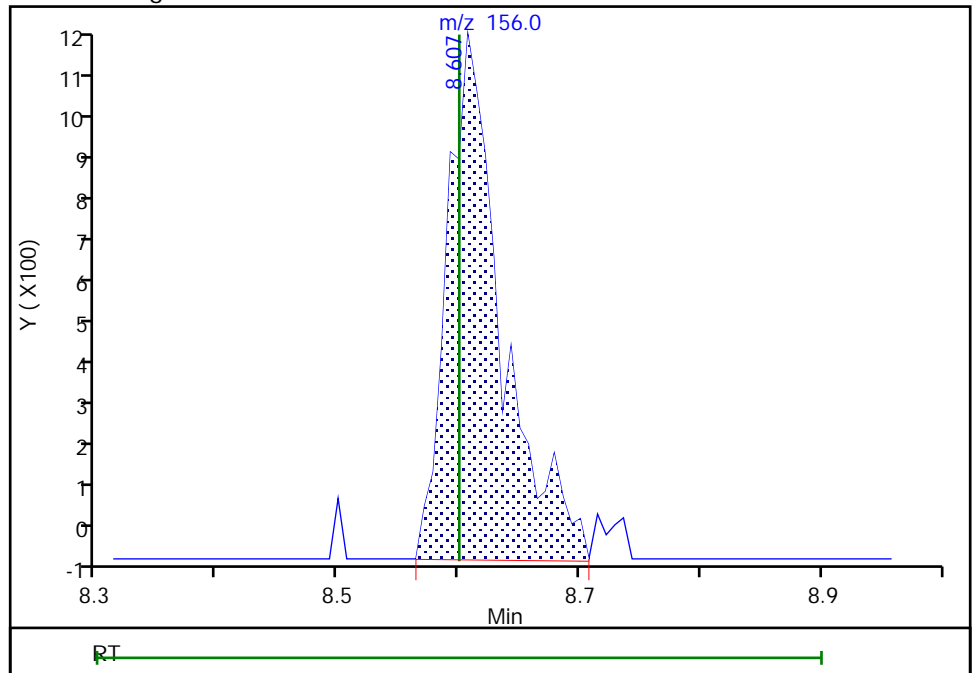
RT: 8.61
Area: 2730
Amount: 0.842594
Amount Units: ug/l

Processing Integration Results



RT: 8.61
Area: 3510
Amount: 1.030610
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

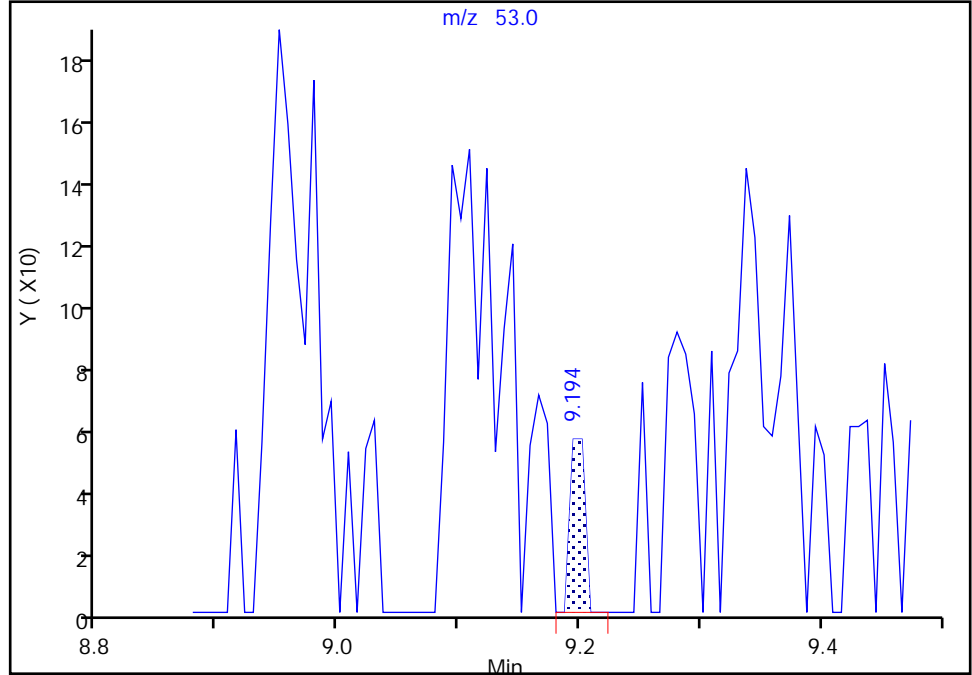
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector MS SCAN

115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

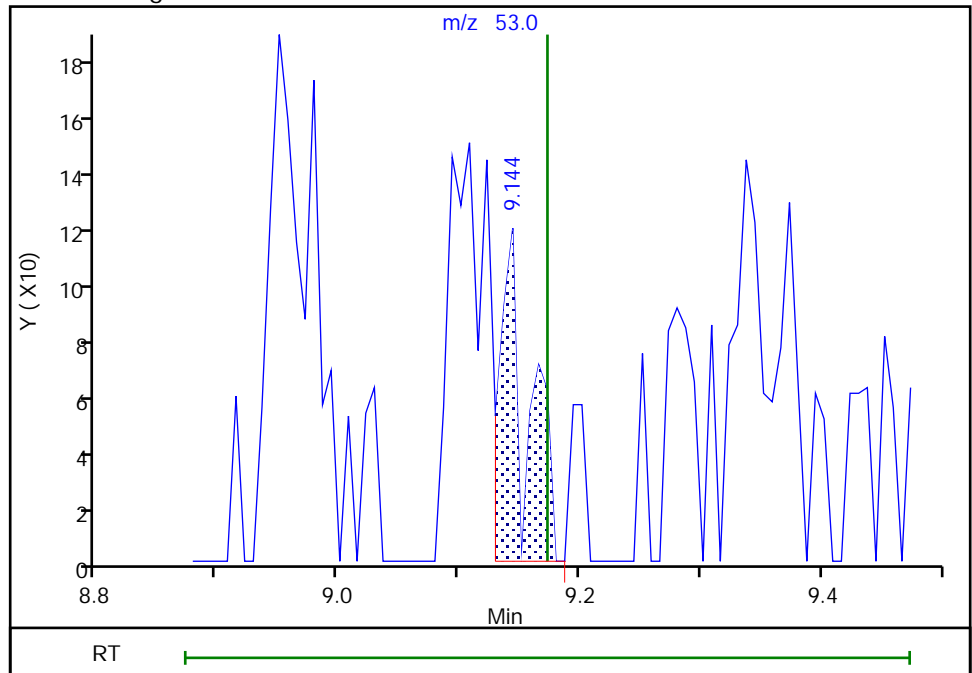
RT: 9.19
Area: 47
Amount: 0.064060
Amount Units: ug/l

Processing Integration Results



RT: 9.14
Area: 189
Amount: 0.257777
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

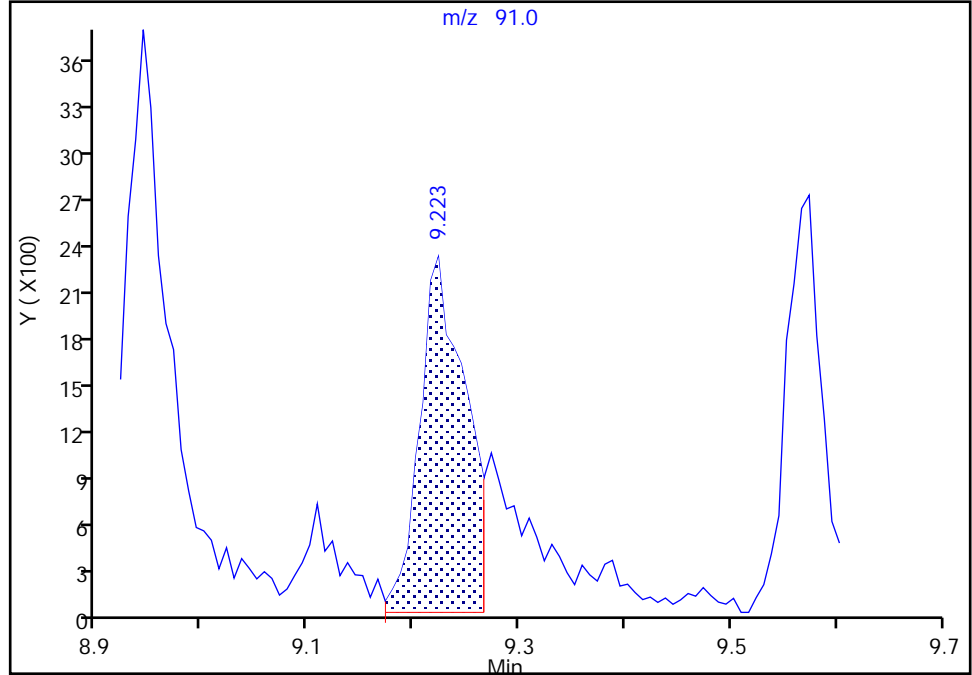
ALS Bottle#: 16 Worklist Smp#: 17
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

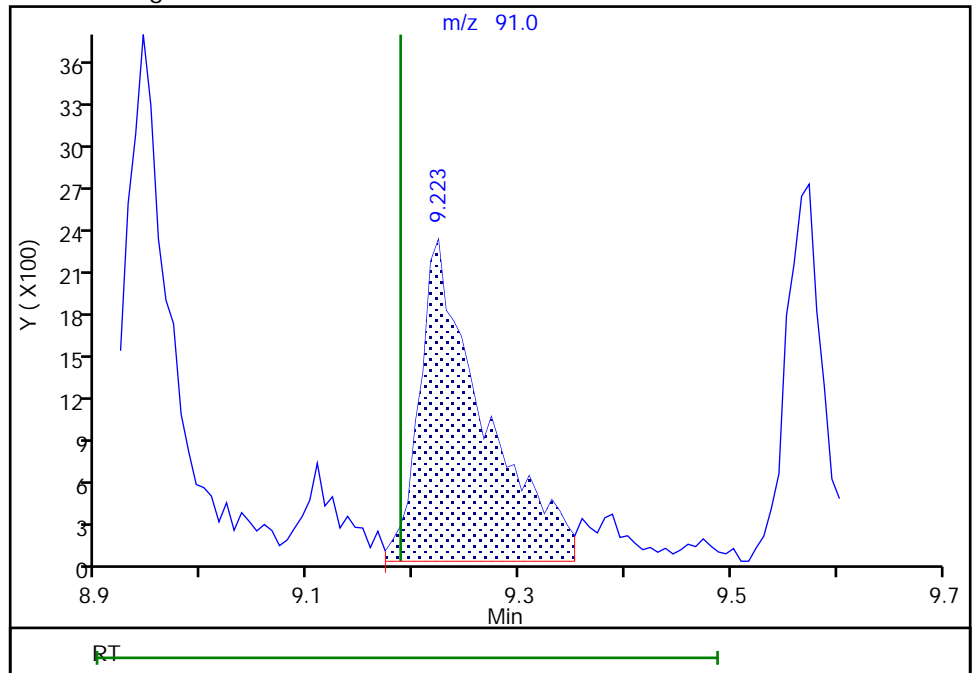
RT: 9.22
Area: 6902
Amount: 0.727495
Amount Units: ug/l

Processing Integration Results



RT: 9.22
Area: 9635
Amount: 0.970685
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins TestAmerica, Edison

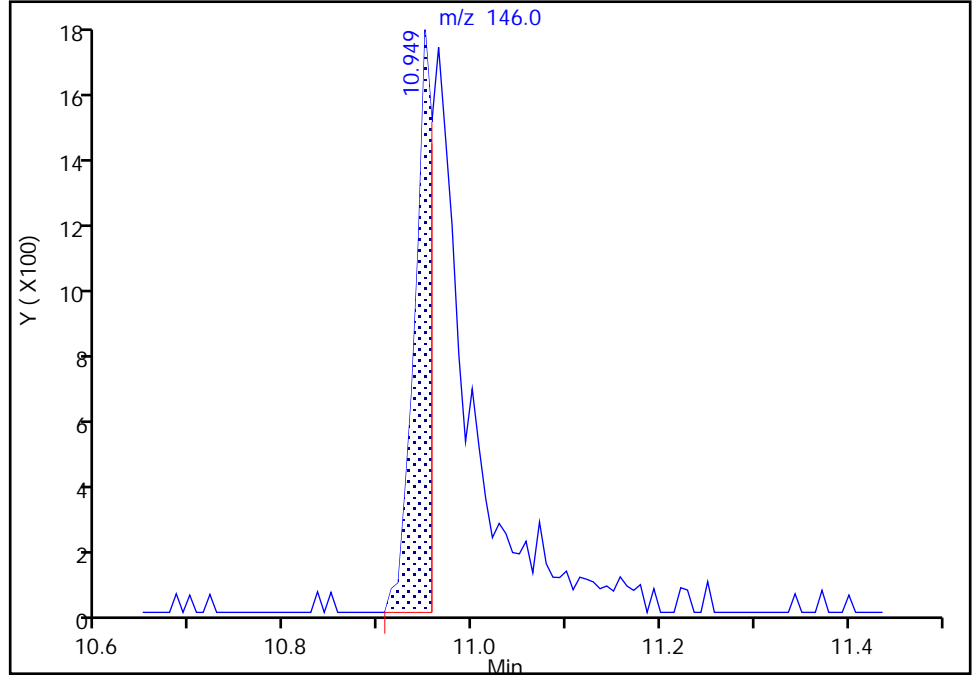
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

130 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

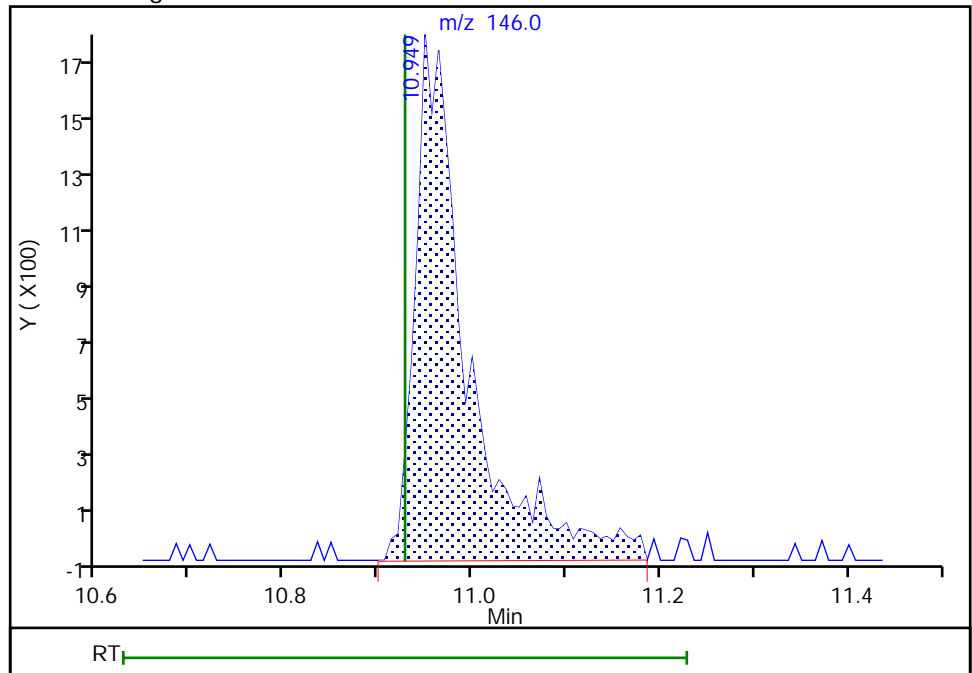
RT: 10.95
Area: 2333
Amount: 0.351008
Amount Units: ug/l

Processing Integration Results



RT: 10.95
Area: 6656
Amount: 1.027382
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:51:58
Audit Action: Manually Integrated

Eurofins TestAmerica, Edison

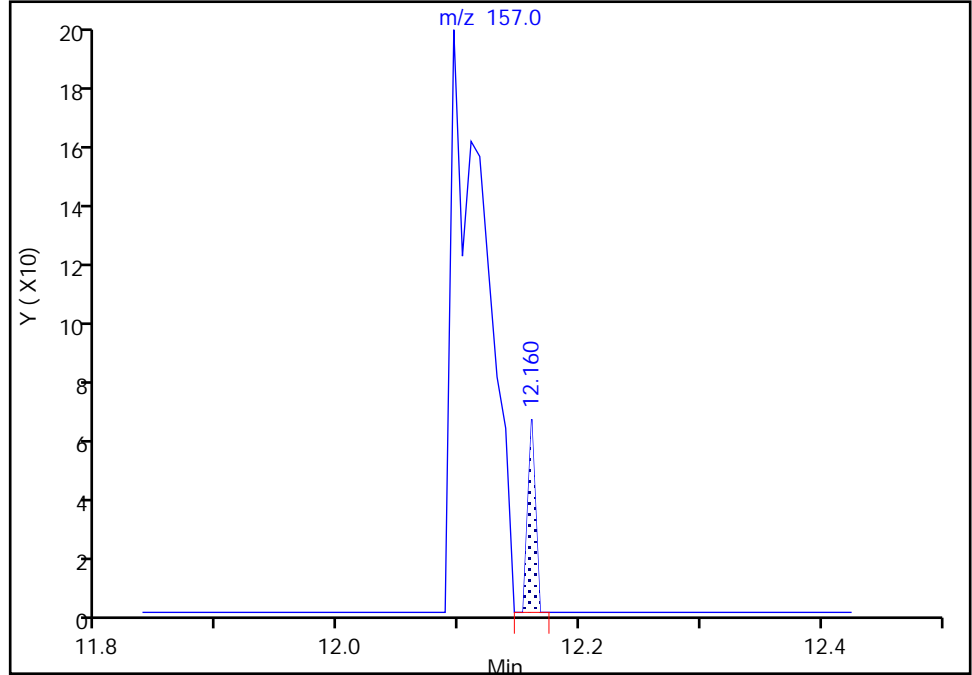
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector: MS SCAN

132 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

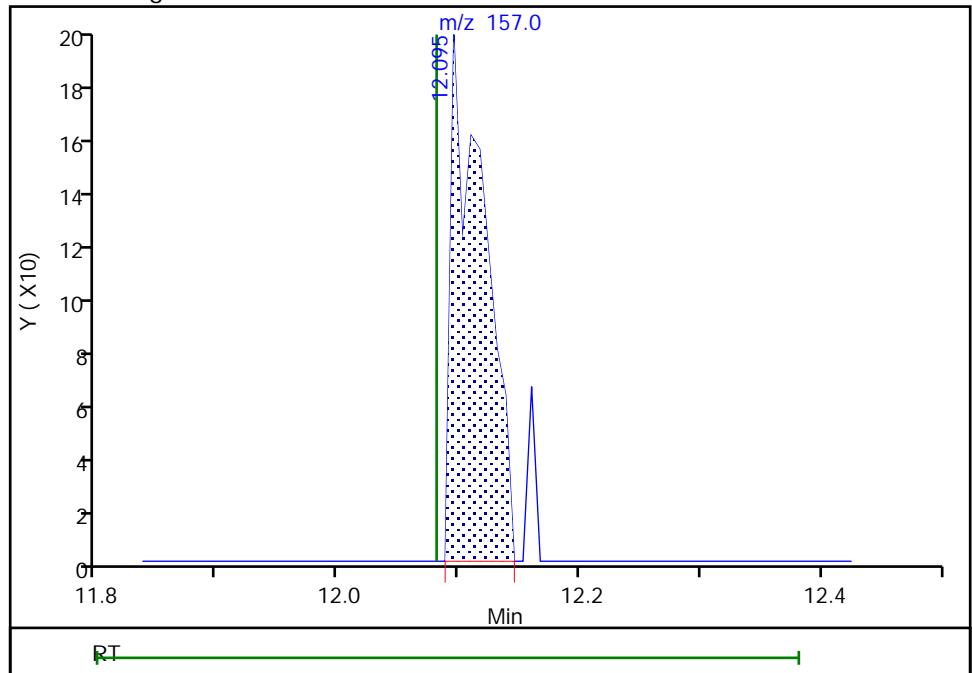
RT: 12.16
Area: 28
Amount: 0.050525
Amount Units: ug/l

Processing Integration Results



RT: 12.10
Area: 374
Amount: 0.729176
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 11:52:07
Audit Action: Assigned Compound ID

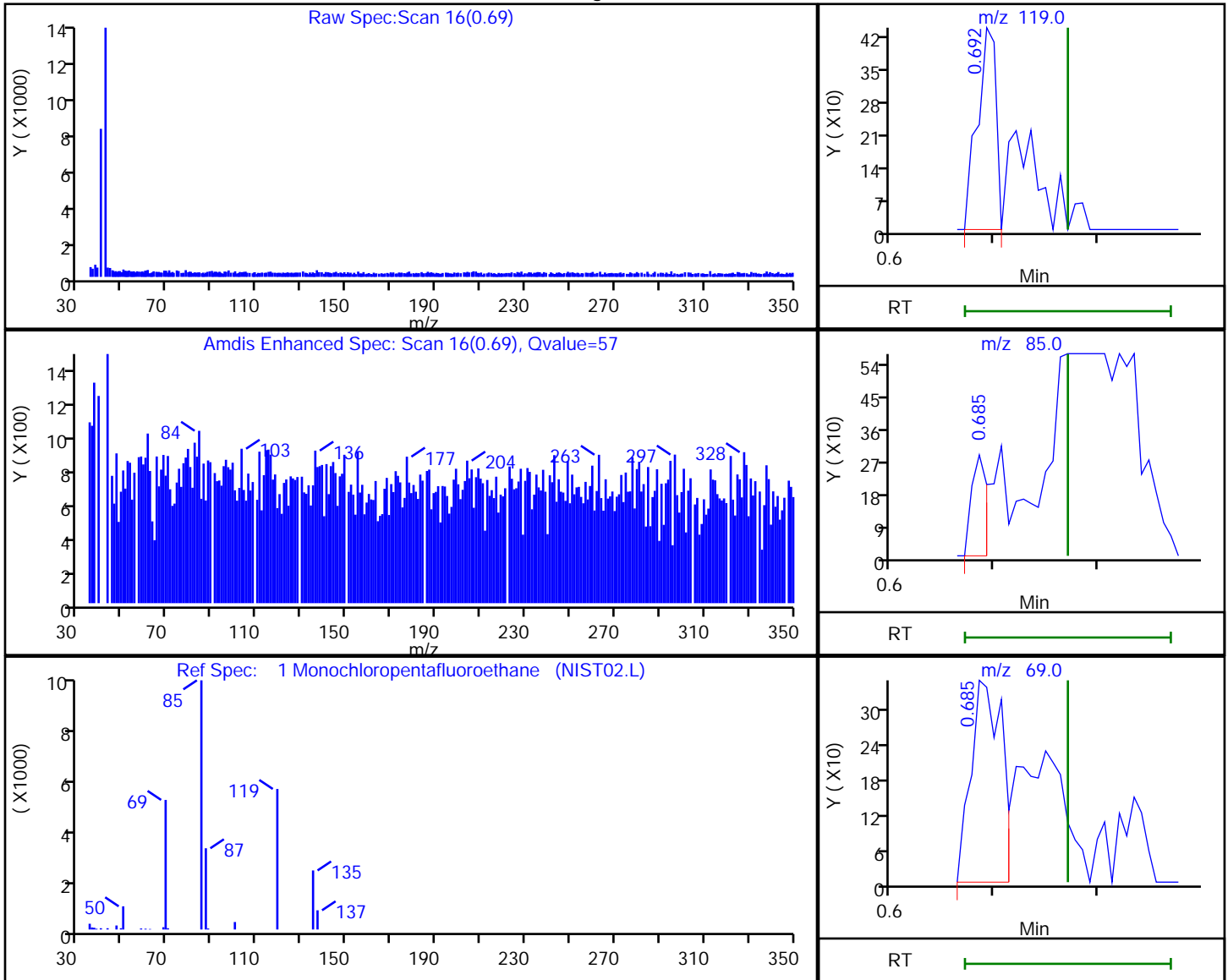
Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Injection Date: 09-Jul-2020 12:29:30 Instrument ID: CVOAMS13
 Lims ID: STD1
 Client ID:
 Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 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
0.69	119.00	542	6.684118
0.68	85.00	292	
0.68	69.00	728	
0.69	135.00	725	

Reviewer: baronm, 09-Jul-2020 20:09:51

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.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.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	0.0757	0.0733		19.4	20.0	-3.2	30.0
Monochloropentafluoroethane	Ave	0.0165	0.0151		18.3	20.0	-8.7	30.0
Dichlorodifluoromethane	Ave	0.4043	0.3254	0.1000	16.1	20.0	-19.5	30.0
1,1-Difluoroethane	Ave	0.1477	0.1287		17.4	20.0	-12.9	30.0
Chlorodifluoromethane	Ave	0.0560	0.0509		18.2	20.0	-9.1	30.0
Butadiene	Ave	0.3405	0.3055		17.9	20.0	-10.3	30.0
Vinyl chloride	Ave	0.3801	0.3314	0.1000	17.4	20.0	-12.8	30.0
Chloromethane	Ave	0.5080	0.4346	0.1000	17.1	20.0	-14.5	30.0
Bromomethane	QuaF		2.182	0.1000	18.1	20.0	-9.5	30.0
Chloroethane	Ave	0.2774	0.2830	0.1000	20.4	20.0	2.0	30.0
Pentane	Ave	3.043	3.881		51.0	40.0	27.6	30.0
Trichlorofluoromethane	Ave	0.4862	0.4772	0.1000	19.6	20.0	-1.8	30.0
Dichlorofluoromethane	Ave	0.5883	0.5605		19.1	20.0	-4.7	30.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4699		18.9	20.0	-5.3	30.0
Ethyl ether	Ave	0.2665	0.2597		19.5	20.0	-2.5	30.0
1,1-Dichloroethene	Ave	0.2829	0.2777	0.1000	19.6	20.0	-1.8	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.4314	0.4125		19.1	20.0	-4.4	30.0
Ethanol	QuaF		0.0833		830	800	3.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2762	0.1000	19.4	20.0	-2.8	30.0
Carbon disulfide	Ave	1.049	0.9642	0.1000	18.4	20.0	-8.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4484	0.4053		18.1	20.0	-9.6	30.0
Iodomethane	QuaF		0.1481		8.68	20.0	-56.6*	30.0
Cyclopentene	Ave	0.7861	0.7682		19.5	20.0	-2.3	30.0
Acrolein	Ave	1.465	0.5926		16.2	40.1	-59.6*	30.0
Allyl chloride	Ave	0.1761	0.1677		19.0	20.0	-4.8	30.0
Isopropyl alcohol	Ave	0.7617	0.8017		210	200	5.2	30.0
Methylene Chloride	Ave	0.3427	0.3617	0.1000	21.1	20.0	5.5	30.0
Acetone	Ave	0.8884	0.8329	0.0500	93.8	100	-6.2	30.0
trans-1,2-Dichloroethene	Ave	0.3146	0.3114	0.1000	19.8	20.0	-1.0	30.0
Methyl acetate	Ave	8.130	9.087	0.1000	44.7	40.0	11.8	30.0
Hexane	Ave	0.0726	0.0727		20.0	20.0	0.1	30.0
Methyl tert-butyl ether	Ave	0.7911	0.7695	0.1000	19.5	20.0	-2.7	30.0
2-Methyl-2-propanol	QuaF		0.9674		171	200	-14.5	30.0
Acetonitrile	Ave	1.508	1.302		173	200	-13.7	30.0
Isopropyl ether	Ave	0.8415	0.8124		19.3	20.0	-3.5	30.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2194		18.2	20.0	-9.2	30.0
1,1-Dichloroethane	Ave	0.4890	0.4636	0.2000	19.0	20.0	-5.2	30.0
Acrylonitrile	Ave	0.0799	0.0695		174	200	-13.0	30.0
Tert-butyl ethyl ether	Ave	0.7717	0.7016		18.2	20.0	-9.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.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
Vinyl acetate	Ave	0.5046	0.4660		36.9	40.0	-7.6	30.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2834	0.1000	19.7	20.0	-1.4	30.0
2,2-Dichloropropane	Ave	0.3392	0.3331		19.6	20.0	-1.8	30.0
Cyclohexane	Ave	0.4349	0.4125	0.1000	19.0	20.0	-5.2	30.0
Chlorobromomethane	Ave	0.1314	0.1258		19.1	20.0	-4.3	30.0
Chloroform	Ave	0.4625	0.4396	0.2000	19.0	20.0	-5.0	30.0
Carbon tetrachloride	Ave	0.2887	0.2689	0.1000	18.6	20.0	-6.9	30.0
Ethyl acetate	Ave	0.3082	0.3150		40.9	40.0	2.2	30.0
Methyl acrylate	Ave	0.1781	0.1647		18.5	20.0	-7.5	30.0
Tetrahydrofuran	Ave	1.049	0.9744		37.2	40.0	-7.1	30.0
1,1,1-Trichloroethane	Ave	0.3726	0.3608	0.1000	19.4	20.0	-3.2	30.0
1,1-Dichloropropene	Ave	0.3768	0.3396		18.0	20.0	-9.9	30.0
2-Butanone (MEK)	Ave	0.3302	0.3165	0.0500	95.9	100	-4.1	30.0
2,2,4-Trimethylpentane	Ave	0.6407	0.6029		18.8	20.0	-5.9	30.0
n-Heptane	Ave	0.1605	0.1490		18.6	20.0	-7.1	30.0
Benzene	Ave	1.522	1.523	0.5000	20.0	20.0	0.0	30.0
Propionitrile	Ave	1.591	1.458		183	200	-8.4	30.0
Methacrylonitrile	Ave	0.0911	0.0813		178	200	-10.8	30.0
Tert-amyl methyl ether	Ave	0.6442	0.6053		18.8	20.0	-6.0	30.0
1,2-Dichloroethane	Ave	0.3475	0.3169	0.1000	18.2	20.0	-8.8	30.0
Isobutyl alcohol	Ave	0.3718	0.3340		449	500	-10.2	30.0
Isopropyl acetate	Ave	0.3948	0.3665		18.6	20.0	-7.2	30.0
Methylcyclohexane	Ave	0.4079	0.3886	0.1000	19.1	20.0	-4.7	30.0
Trichloroethene	Ave	0.2672	0.2493	0.2000	18.7	20.0	-6.7	30.0
Dibromomethane	Ave	0.1508	0.1450		19.2	20.0	-3.8	30.0
n-Butanol	QuaF		0.1914		387	500	-22.5	30.0
1,2-Dichloropropane	Ave	0.2646	0.2562	0.1000	19.4	20.0	-3.2	30.0
Dichlorobromomethane	Ave	0.3295	0.3152	0.2000	19.1	20.0	-4.3	30.0
Ethyl acrylate	Qua2		0.2081		18.7	20.0	-6.7	30.0
Methyl methacrylate	Ave	0.0516	0.0490		38.0	40.0	-4.9	30.0
1,4-Dioxane	Ave	1.331	1.348		405	400	1.3	30.0
n-Propyl acetate	Qua2		0.2370		18.9	20.0	-5.5	30.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0171		11.0	20.0	-45.1*	30.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5286	0.2000	20.1	20.0	0.5	30.0
Toluene	Ave	1.557	1.508	0.4000	19.4	20.0	-3.1	30.0
Epichlorohydrin	Ave	0.1344	0.1103		16.4	20.0	-17.9	30.0
2-Nitropropane	Ave	0.0465	0.0377		32.4	40.0	-19.0	30.0
Tetrachloroethene	Ave	0.3637	0.3560	0.2000	19.6	20.0	-2.1	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.165	0.0500	99.5	100	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4409	0.1000	18.9	20.0	-5.3	30.0
1,1,2-Trichloroethane	Ave	0.2471	0.2453	0.1000	19.9	20.0	-0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methacrylate	Qua2		0.2190		17.4	20.0	-12.8	30.0
Chlorodibromomethane	Ave	0.2983	0.3074	0.1000	20.6	20.0	3.0	30.0
1,3-Dichloropropane	Ave	0.5048	0.5031		19.9	20.0	-0.3	30.0
Ethylene Dibromide	Ave	0.2717	0.2827	0.1000	20.8	20.0	4.1	30.0
n-Butyl acetate	Qua2		0.3142		16.4	20.0	-17.8	30.0
2-Hexanone	QuaF		1.545	0.0500	95.6	100	-4.4	30.0
Chlorobenzene	Ave	0.9760	0.9404	0.5000	19.3	20.0	-3.6	30.0
Ethylbenzene	Ave	0.5403	0.5034	0.1000	18.6	20.0	-6.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3011		19.8	20.0	-0.8	30.0
m-Xylene & p-Xylene	Ave	0.6483	0.6118	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.6039	0.6056	0.3000	20.1	20.0	0.3	30.0
Bromoform	Qua2		0.1689	0.1000	20.3	20.0	1.4	30.0
Styrene	Ave	0.9843	1.030	0.3000	20.9	20.0	4.7	30.0
n-Butyl acrylate	Qua2		0.1875		18.8	20.0	-5.9	30.0
Isopropylbenzene	Ave	1.630	1.591	0.1000	19.5	20.0	-2.4	30.0
Amyl acetate (mixed isomers)	Qua2		0.8001		18.5	20.0	-7.5	30.0
Bromobenzene	Ave	0.7652	0.7229		18.9	20.0	-5.5	30.0
N-Propylbenzene	Ave	3.576	3.538		19.8	20.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5908	0.3000	18.9	20.0	-5.5	30.0
2-Chlorotoluene	Ave	2.500	2.400		19.2	20.0	-4.0	30.0
4-Ethyltoluene	Ave	2.979	2.952		19.8	20.0	-0.9	30.0
1,2,3-Trichloropropane	Ave	0.1758	0.1662		18.9	20.0	-5.5	30.0
1,3,5-Trimethylbenzene	Ave	2.482	2.405		19.4	20.0	-3.1	30.0
trans-1,4-Dichloro-2-butene	QuaF		0.1273		15.3	20.0	-23.3	30.0
4-Chlorotoluene	Ave	2.230	2.206		19.8	20.0	-1.1	30.0
tert-Butylbenzene	Ave	2.058	2.043		19.9	20.0	-0.7	30.0
1,2,4-Trimethylbenzene	Ave	2.519	2.485		19.7	20.0	-1.4	30.0
Butyl Methacrylate	Qua2		0.6738		19.0	20.0	-5.0	30.0
sec-Butylbenzene	Ave	3.208	3.143		19.6	20.0	-2.0	30.0
1,3-Dichlorobenzene	Ave	1.451	1.440	0.6000	19.8	20.0	-0.8	30.0
4-Isopropyltoluene	Ave	2.622	2.645		20.2	20.0	0.9	30.0
1,4-Dichlorobenzene	Ave	1.588	1.517	0.5000	19.1	20.0	-4.5	30.0
1,2,3-Trimethylbenzene	Ave	2.643	2.629		19.9	20.0	-0.5	30.0
Indan	Ave	2.629	2.686		20.4	20.0	2.2	30.0
Benzyl chloride	Qua2		0.1595		18.6	20.0	-6.9	30.0
p-Diethylbenzene	Ave	1.336	1.386		20.7	20.0	3.7	30.0
n-Butylbenzene	Ave	2.495	2.426		19.4	20.0	-2.8	30.0
1,2-Dichlorobenzene	Ave	1.456	1.372	0.4000	18.9	20.0	-5.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.489		20.4	20.0	1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.1129	0.0500	19.6	20.0	-2.0	30.0
1,3,5-Trichlorobenzene	Ave	1.113	1.128		20.3	20.0	1.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: ICV 460-706917/19 Calibration Date: 07/09/2020 13:40
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P76768.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.9710	1.014	0.2000	20.9	20.0	4.4	30.0
Hexachlorobutadiene	Ave	0.3609	0.3838		21.3	20.0	6.3	30.0
Naphthalene	Ave	1.960	2.133		21.8	20.0	8.8	30.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.9393		20.6	20.0	3.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2254		48.2	50.0	-3.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2656		47.4	50.0	-5.2	30.0
Toluene-d8 (Surr)	Ave	1.212	1.226		50.6	50.0	1.1	30.0
4-Bromofluorobenzene	Ave	0.4000	0.3982		49.8	50.0	-0.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 09-Jul-2020 13:40:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0112940-019
 Operator ID: Instrument ID: CVOAMS13
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:44:49 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

First Level Reviewer: starzecm

Date: 09-Jul-2020 14:50:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	0.764	0.764	0.000	95	18265	20.0	19.4	
1 Monochloropentafluoroethane	119	0.764	0.771	-0.007	68	3754	20.0	18.3	Ma
3 Dichlorodifluoromethane	85	0.778	0.771	0.007	99	81100	20.0	16.1	
4 1,1-Difluoroethane	65	0.821	0.828	-0.007	98	32069	20.0	17.4	
5 Chlorodifluoromethane	67	0.835	0.842	-0.007	97	12692	20.0	18.2	
7 Vinyl chloride	62	0.900	0.900	0.000	98	82598	20.0	17.4	
6 Chloromethane	50	0.907	0.900	0.007	92	108295	20.0	17.1	
8 Butadiene	54	0.900	0.900	0.000	91	76139	20.0	17.9	
9 Bromomethane	94	1.043	1.043	0.000	99	40883	20.0	18.1	
10 Chloroethane	64	1.100	1.100	0.000	100	70531	20.0	20.4	
11 Pentane	72	1.158	1.158	0.000	96	33571	40.0	51.0	
12 Trichlorofluoromethane	101	1.165	1.158	0.007	56	118935	20.0	19.6	
13 Dichlorofluoromethane	67	1.193	1.193	0.000	98	139670	20.0	19.1	
14 2-Methyl-1,3-butadiene	67	1.301	1.301	0.000	96	117095	20.0	18.9	
15 Ethyl ether	59	1.308	1.308	0.000	94	64710	20.0	19.5	
18 1,2-Dichloro-1,1,2-trifluoroethane	67	1.401	1.401	0.000	70	102799	20.0	19.1	
17 1,1-Dichloroethene	96	1.401	1.401	0.000	97	69213	20.0	19.6	
19 Carbon disulfide	76	1.423	1.415	0.008	100	240290	20.0	18.4	
16 Ethanol	46	1.415	1.415	0.000	28	14419	800.0	830.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.423	1.423	0.000	82	68826	20.0	19.4	
21 1,1,1-Trifluoro-2,2-dichloroethane	83	1.430	1.430	0.000	95	100998	20.0	18.1	
22 Iodomethane	142	1.480	1.473	0.007	99	36900	20.0	8.68	
23 Cyclopentene	67	1.552	1.552	0.000	97	191446	20.0	19.5	
24 Acrolein	56	1.573	1.573	0.000	92	5133	40.1	16.2	
25 3-Chloro-1-propene	76	1.637	1.638	-0.001	90	41795	20.0	19.0	
26 Isopropyl alcohol	45	1.666	1.666	0.000	96	34672	200.0	210.5	
27 Methylene Chloride	84	1.702	1.702	0.000	94	90140	20.0	21.1	
28 Acetone	43	1.731	1.731	0.000	86	78021	100.0	93.8	
29 trans-1,2-Dichloroethene	96	1.788	1.781	0.007	96	77596	20.0	19.8	
30 Methyl acetate	43	1.795	1.795	0.000	99	78603	40.0	44.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.831	1.824	0.007	89	18123	20.0	20.0	
32 Methyl tert-butyl ether	73	1.845	1.845	0.000	90	191775	20.0	19.5	
* 33 TBA-d9 (IS)	65	1.874	1.874	0.000	99	216247	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.910	1.917	-0.007	98	41840	200.0	171.0	
35 Acetonitrile	41	1.988	1.989	-0.001	99	56309	200.0	172.7	
36 Isopropyl ether	45	2.067	2.067	0.000	96	202466	20.0	19.3	
37 2-Chloro-1,3-butadiene	88	2.117	2.117	0.000	93	54685	20.0	18.2	
38 1,1-Dichloroethane	63	2.132	2.132	0.000	100	115530	20.0	19.0	
39 Acrylonitrile	53	2.168	2.168	0.000	93	173101	200.0	174.0	
40 Tert-butyl ethyl ether	59	2.289	2.289	0.000	89	174852	20.0	18.2	
41 Vinyl acetate	43	2.296	2.297	-0.001	100	232274	40.0	36.9	
42 cis-1,2-Dichloroethene	96	2.476	2.476	0.000	98	70617	20.0	19.7	
43 2,2-Dichloropropane	77	2.540	2.540	0.000	95	83013	20.0	19.6	
44 Cyclohexane	56	2.597	2.597	0.000	92	102794	20.0	19.0	
45 Chlorobromomethane	128	2.604	2.605	-0.001	92	31339	20.0	19.1	
46 Chloroform	83	2.662	2.662	0.000	97	109560	20.0	19.0	
47 Carbon tetrachloride	117	2.748	2.748	0.000	97	67002	20.0	18.6	
49 Methyl acrylate	55	2.762	2.762	0.000	56	41051	20.0	18.5	
48 Ethyl acetate	70	2.762	2.762	0.000	97	11804	40.0	40.9	
50 Tetrahydrofuran	42	2.769	2.769	0.000	94	36510	40.0	37.2	
\$ 51 Dibromofluoromethane (Surr)	113	2.784	2.784	0.000	96	140407	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.791	2.791	0.000	98	89926	20.0	19.4	
* 53 2-Butanone-d5	46	2.848	2.848	0.000	99	234175	250.0	250.0	
54 2-Butanone (MEK)	72	2.884	2.884	0.000	99	29648	100.0	95.9	
55 1,1-Dichloropropene	75	2.884	2.884	0.000	96	84628	20.0	18.0	
56 Isooctane	57	2.970	2.970	0.000	98	150247	20.0	18.8	
58 Benzene	78	3.070	3.063	0.007	96	259799	20.0	20.0	
57 n-Heptane	57	3.063	3.063	0.000	91	37140	20.0	18.6	
59 Propionitrile	54	3.092	3.092	0.000	94	63046	200.0	183.3	
60 Methacrylonitrile	67	3.106	3.106	0.000	93	202592	200.0	178.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.170	3.170	0.000	0	165467	50.0	47.4	
62 Tert-amyl methyl ether	73	3.178	3.178	0.000	98	150850	20.0	18.8	
63 1,2-Dichloroethane	62	3.228	3.228	0.000	97	78983	20.0	18.2	
64 Isobutyl alcohol	43	3.306	3.307	-0.001	98	36110	500.0	449.1	
65 t-Amyl alcohol	59	3.371	3.371	0.000	89	21974	200.0	166.4	
* 66 Fluorobenzene	96	3.400	3.400	0.000	99	623023	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.471	0.000	98	91339	20.0	18.6	
68 Methylcyclohexane	83	3.521	3.521	0.000	96	96840	20.0	19.1	
69 Trichloroethene	130	3.550	3.550	0.000	98	62130	20.0	18.7	
70 2-ethoxy-2-methyl butane	59	3.786	3.786	0.000	93	130624	20.0	18.5	
71 Dibromomethane	93	3.908	3.908	0.000	97	36142	20.0	19.2	
72 n-Butanol	56	3.930	3.930	0.000	94	20699	500.0	387.3	
73 1,2-Dichloropropane	63	3.994	3.994	0.000	91	63839	20.0	19.4	
75 Dichlorobromomethane	83	4.080	4.080	0.000	99	78545	20.0	19.1	
74 Ethyl acrylate	55	4.080	4.080	0.000	98	51856	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.252	4.252	0.000	90	21036	1000.0	1000.0	
77 Methyl methacrylate	100	4.266	4.274	-0.008	88	24443	40.0	38.0	
78 1,4-Dioxane	88	4.281	4.281	0.000	36	11342	400.0	405.2	
79 n-Propyl acetate	43	4.431	4.431	0.000	99	59058	20.0	18.9	
80 2-Chloroethyl vinyl ether	63	4.696	4.696	0.000	92	4266	20.0	11.0	
81 cis-1,3-Dichloropropene	75	4.710	4.710	0.000	95	90156	20.0	20.1	
\$ 82 Toluene-d8 (Surr)	98	4.897	4.897	0.000	99	522788	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.954	4.954	0.000	93	257263	20.0	19.4	
84 Epichlorohydrin	57	5.004	4.983	0.021	90	2067	20.0	16.4	a
85 2-Nitropropane	41	5.205	5.205	0.000	100	18782	40.0	32.4	
86 Tetrachloroethene	166	5.377	5.369	0.008	98	60721	20.0	19.6	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.420	0.000	97	202750	100.0	99.5	
88 trans-1,3-Dichloropropene	75	5.448	5.455	-0.007	98	75203	20.0	18.9	
89 1,1,2-Trichloroethane	83	5.620	5.620	0.000	94	41837	20.0	19.9	
90 Ethyl methacrylate	69	5.713	5.713	0.000	88	54571	20.0	17.4	
91 Chlorodibromomethane	129	5.814	5.814	0.000	98	52423	20.0	20.6	
92 1,3-Dichloropropene	76	5.928	5.928	0.000	94	85802	20.0	19.9	
93 Ethylene Dibromide	107	6.057	6.057	0.000	100	48221	20.0	20.8	
94 n-Butyl acetate	43	6.408	6.415	-0.007	99	53592	20.0	16.4	
95 2-Hexanone	43	6.473	6.473	0.000	96	144755	100.0	95.6	
* 96 Chlorobenzene-d5	117	6.738	6.738	0.000	88	426390	50.0	50.0	
97 Chlorobenzene	112	6.759	6.759	0.000	94	160392	20.0	19.3	
98 Ethylbenzene	106	6.845	6.845	0.000	99	85866	20.0	18.6	
99 1,1,1,2-Tetrachloroethane	131	6.874	6.874	0.000	94	51354	20.0	19.8	
100 m-Xylene & p-Xylene	106	7.060	7.060	0.000	0	104346	20.0	18.9	
101 o-Xylene	106	7.640	7.640	0.000	93	103296	20.0	20.1	
102 Bromoform	173	7.705	7.705	0.000	94	28814	20.0	20.3	
103 Styrene	104	7.726	7.733	-0.007	95	175721	20.0	20.9	
104 n-Butyl acrylate	73	8.070	8.070	0.000	97	31984	20.0	18.8	
105 Isopropylbenzene	105	8.127	8.127	0.000	96	271421	20.0	19.5	
106 Amyl acetate (mixed isomers)	43	8.478	8.478	0.000	89	75631	20.0	18.5	
\$ 107 4-Bromofluorobenzene	174	8.492	8.493	-0.001	90	169771	50.0	49.8	
108 Bromobenzene	156	8.600	8.600	0.000	98	68332	20.0	18.9	
109 N-Propylbenzene	91	8.750	8.758	-0.008	99	334459	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	8.908	8.908	0.000	97	55841	20.0	18.9	
111 2-Chlorotoluene	91	8.922	8.922	0.000	97	226870	20.0	19.2	
112 4-Ethyltoluene	105	8.944	8.944	0.000	98	279027	20.0	19.8	
113 1,2,3-Trichloropropene	110	9.030	9.037	-0.007	97	15705	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.101	9.101	0.000	93	227354	20.0	19.4	
115 trans-1,4-Dichloro-2-butene	53	9.173	9.173	0.000	77	12037	20.0	15.3	
116 4-Chlorotoluene	91	9.187	9.187	0.000	98	208562	20.0	19.8	
117 tert-Butylbenzene	119	9.560	9.560	0.000	93	193084	20.0	19.9	
118 1,2,4-Trimethylbenzene	105	9.689	9.696	-0.007	98	234879	20.0	19.7	
119 Butyl Methacrylate	87	9.710	9.710	0.000	95	63689	20.0	19.0	
120 sec-Butylbenzene	105	9.853	9.854	-0.001	99	297103	20.0	19.6	
121 1,3-Dichlorobenzene	146	10.111	10.111	0.000	96	136073	20.0	19.8	
122 4-Isopropyltoluene	119	10.133	10.133	0.000	98	250014	20.0	20.2	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.240	0.000	96	236306	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.262	0.000	95	143357	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.369	10.369	0.000	99	248481	20.0	19.9	
126 2,3-Dihydroindene	117	10.541	10.541	0.000	94	253909	20.0	20.4	
127 Benzyl chloride	126	10.727	10.727	0.000	96	15074	20.0	18.6	
128 p-Diethylbenzene	119	10.742	10.742	0.000	92	131040	20.0	20.7	
129 n-Butylbenzene	91	10.828	10.828	0.000	98	229291	20.0	19.4	
130 1,2-Dichlorobenzene	146	10.928	10.928	0.000	96	129684	20.0	18.9	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.938	0.000	97	235231	20.0	20.4	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.081	0.000	92	10672	20.0	19.6	
133 1,3,5-Trichlorobenzene	180	12.131	12.131	0.000	97	106658	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.826	12.826	0.000	93	95846	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.848	12.848	0.000	95	36275	20.0	21.3	
136 Naphthalene	128	13.134	13.127	0.007	99	201631	20.0	21.8	
137 1,2,3-Trichlorobenzene	180	13.306	13.306	0.000	95	88787	20.0	20.6	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.5	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.0	
S 140 Xylenes, Total	100				0		40.0	38.9	
S 142 Total BTEX	1				0		100.0	97.0	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00363	Amount Added: 20.00	Units: uL	
8260 SP_00127	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00114	Amount Added: 4.00	Units: uL	
8FreonsSS_00021	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

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D

Injection Date: 09-Jul-2020 13:40:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: ICV

Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL

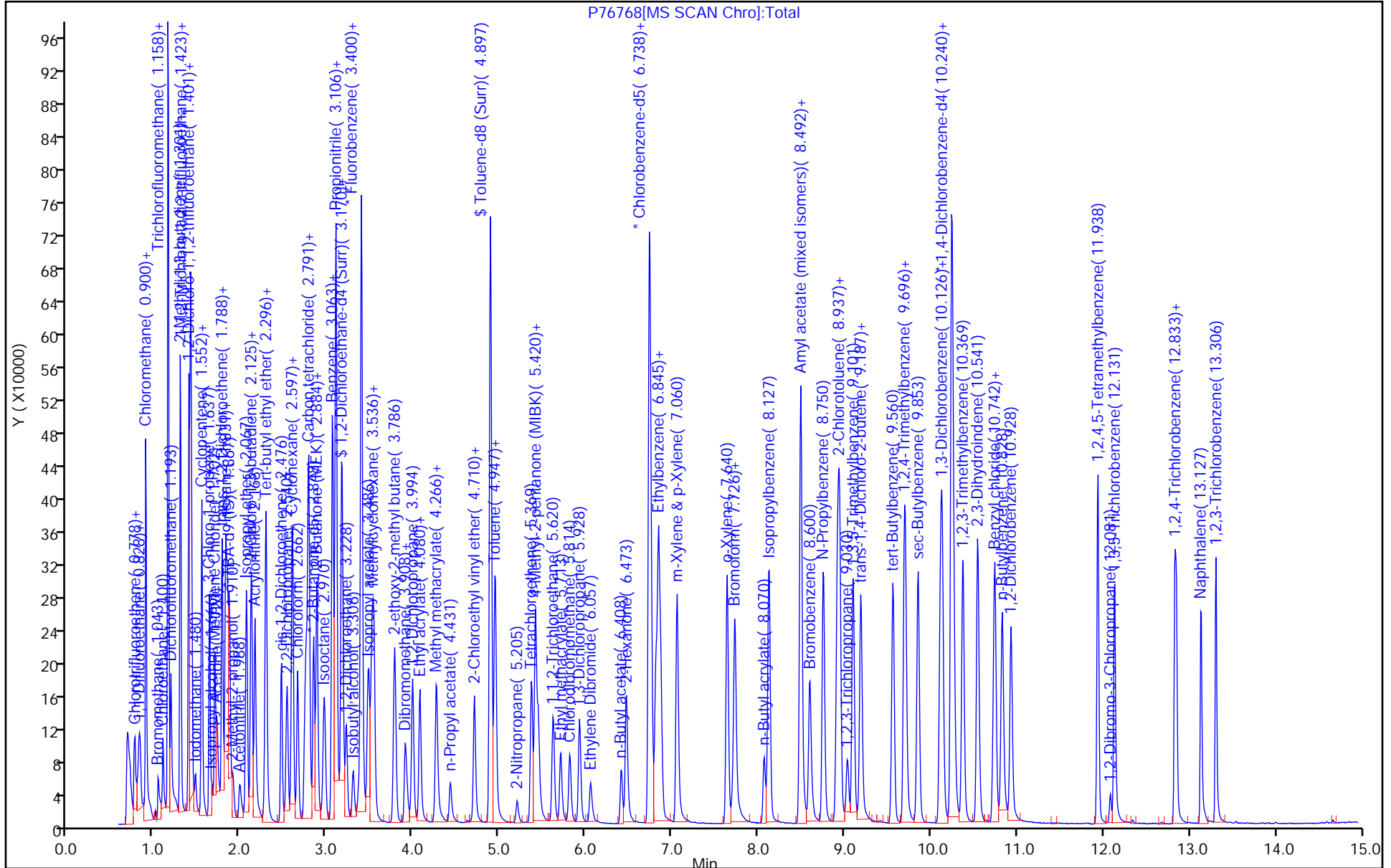
Dil. Factor: 1.0000

ALS Bottle#: 18

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

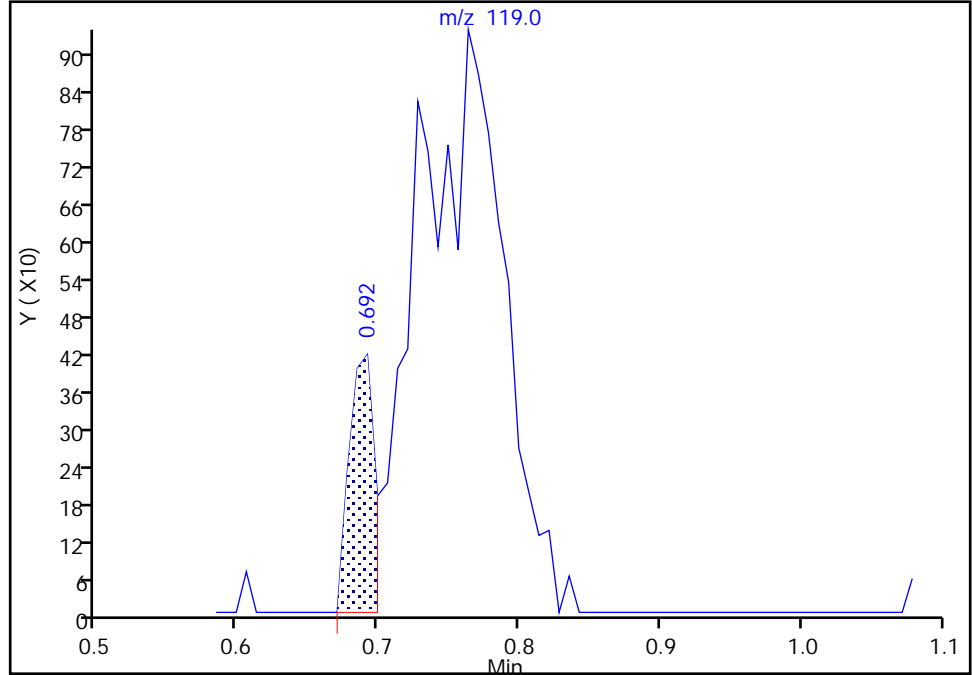
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

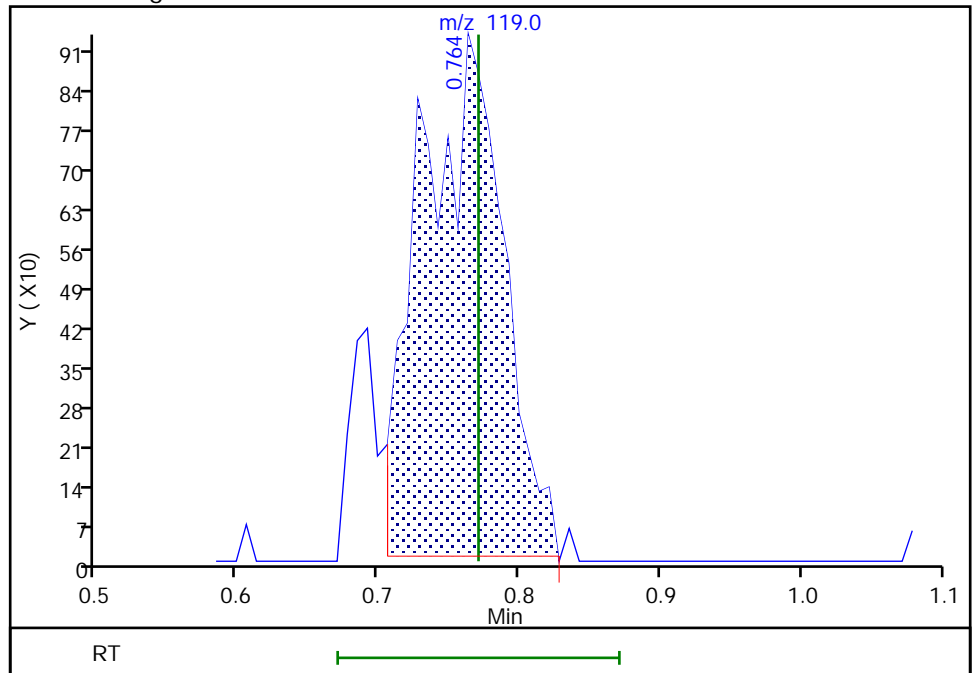
RT: 0.69
Area: 521
Amount: 3.469783
Amount Units: ug/l

Processing Integration Results



RT: 0.76
Area: 3754
Amount: 18.254905
Amount Units: ug/l

Manual Integration Results



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76768.D
Injection Date: 09-Jul-2020 13:40:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID:
Purge Vol: 5.000 mL
Method: 8260W_13
Column: Rtx-624 (0.25 mm)

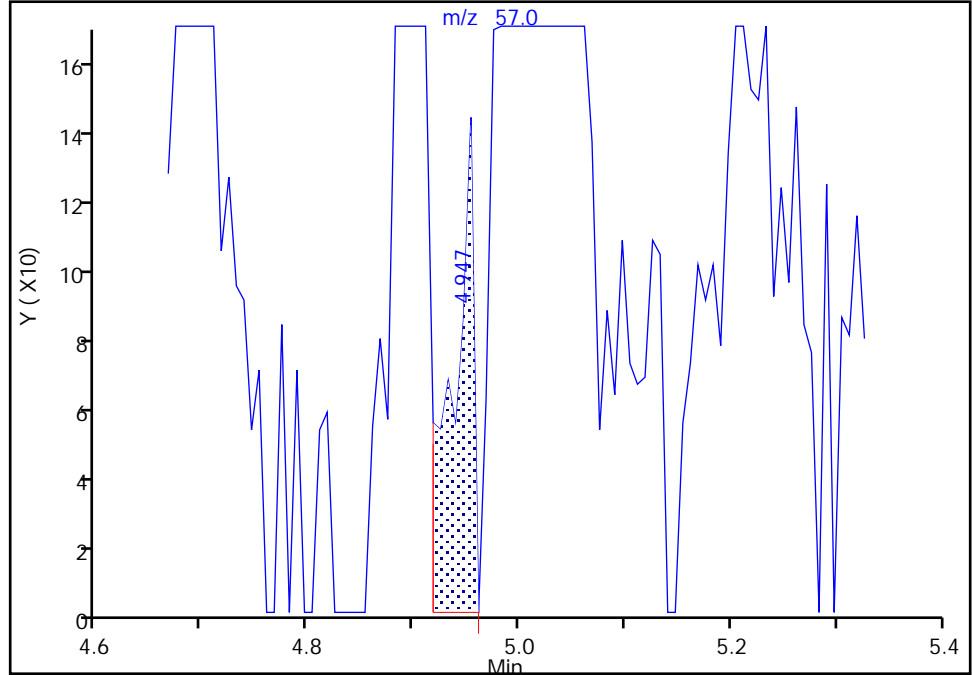
ALS Bottle#: 18 Worklist Smp#: 19
Dil. Factor: 1.0000
Limit Group: VOA - 8260C Water and Solid
Detector: MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

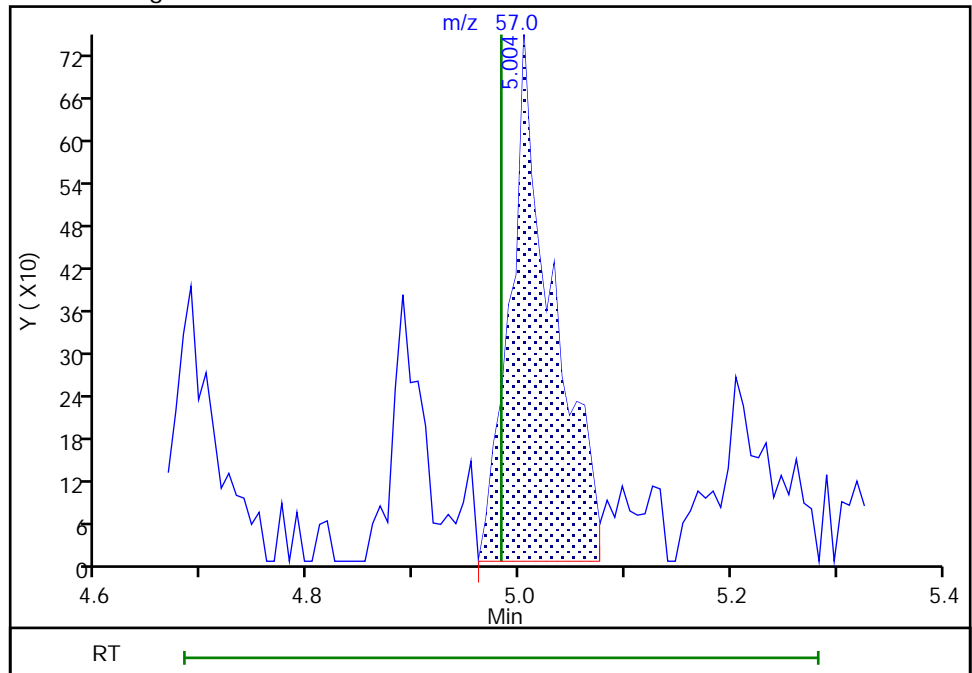
RT: 4.95
Area: 193
Amount: 1.533361
Amount Units: ug/l

Processing Integration Results



RT: 5.00
Area: 2067
Amount: 16.422059
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 09-Jul-2020 20:40:32
Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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	0.4043	0.3580	0.1000	17.7	20.0	-11.4	20.0
Butadiene	Ave	0.3405	0.3276		19.2	20.0	-3.8	20.0
Chloromethane	Ave	0.5080	0.4737	0.1000	18.7	20.0	-6.7	20.0
Vinyl chloride	Ave	0.3801	0.3557	0.1000	18.7	20.0	-6.4	20.0
Bromomethane	QuaF		1.727	0.1000	14.3	20.0	-28.5	50.0
Chloroethane	Ave	0.2774	0.2040	0.1000	14.7	20.0	-26.5	50.0
Pentane	Ave	3.043	4.040		53.1	40.0	32.8*	20.0
Trichlorofluoromethane	Ave	0.4862	0.3662	0.1000	15.1	20.0	-24.7*	20.0
Dichlorofluoromethane	Ave	0.5883	0.4497		15.3	20.0	-23.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.4961	0.4187		16.9	20.0	-15.6	20.0
Ethyl ether	Ave	0.2665	0.1940		14.6	20.0	-27.2*	20.0
1,1-Dichloroethene	Ave	0.2829	0.2479	0.1000	17.5	20.0	-12.4	20.0
Carbon disulfide	Ave	1.049	0.8453	0.1000	16.1	20.0	-19.4	50.0
Ethanol	QuaF		0.0711		709	800	-11.4	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2841	0.2528	0.1000	17.8	20.0	-11.0	20.0
Iodomethane	QuaF		0.1830		10.7	20.0	-46.3*	20.0
Cyclopentene	Ave	0.7861	0.6842		17.4	20.0	-13.0	20.0
Acrolein	Ave	1.465	1.420		38.8	40.0	-3.1	50.0
Allyl chloride	Ave	0.1761	0.1520		17.3	20.0	-13.7	20.0
Isopropyl alcohol	Ave	0.7617	0.7031		185	200	-7.7	50.0
Methylene Chloride	Ave	0.3427	0.2813	0.1000	16.4	20.0	-17.9	20.0
Acetone	Ave	0.8884	0.5736	0.0500	64.6	100	-35.4	50.0
trans-1,2-Dichloroethene	Ave	0.3146	0.2652	0.1000	16.9	20.0	-15.7	20.0
Methyl acetate	Ave	8.130	9.419	0.1000	46.3	40.0	15.9	20.0
Hexane	Ave	0.0726	0.0721		19.8	20.0	-0.8	20.0
Methyl tert-butyl ether	Ave	0.7911	0.5809	0.1000	14.7	20.0	-26.6*	20.0
2-Methyl-2-propanol	QuaF		1.083		191	200	-4.3	50.0
Acetonitrile	Ave	1.508	1.838		244	200	21.9*	20.0
Isopropyl ether	Ave	0.8415	0.9021		21.4	20.0	7.2	20.0
2-Chloro-1,3-butadiene	Ave	0.2416	0.2523		20.9	20.0	4.4	20.0
1,1-Dichloroethane	Ave	0.4890	0.4941	0.2000	20.2	20.0	1.0	20.0
Acrylonitrile	Ave	0.0799	0.0713		179	200	-10.7	20.0
Tert-butyl ethyl ether	Ave	0.7717	0.7438		19.3	20.0	-3.6	20.0
Vinyl acetate	Ave	0.5046	0.4755		37.7	40.0	-5.8	20.0
cis-1,2-Dichloroethene	Ave	0.2875	0.2997	0.1000	20.9	20.0	4.3	20.0
2,2-Dichloropropane	Ave	0.3392	0.3529		20.8	20.0	4.0	20.0
Chlorobromomethane	Ave	0.1314	0.1339		20.4	20.0	1.9	20.0
Cyclohexane	Ave	0.4349	0.5344	0.1000	24.6	20.0	22.9	50.0
Chloroform	Ave	0.4625	0.4492	0.2000	19.4	20.0	-2.9	20.0
Carbon tetrachloride	Ave	0.2887	0.2952	0.1000	20.5	20.0	2.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3082	0.3078		39.9	40.0	-0.1	20.0
Methyl acrylate	Ave	0.1781	0.1639		18.4	20.0	-8.0	20.0
Tetrahydrofuran	Ave	1.049	1.020		38.9	40.0	-2.8	20.0
1,1,1-Trichloroethane	Ave	0.3726	0.3608	0.1000	19.4	20.0	-3.2	20.0
2-Butanone (MEK)	Ave	0.3302	0.3192	0.0500	96.7	100	-3.3	50.0
1,1-Dichloropropene	Ave	0.3768	0.3955		21.0	20.0	5.0	20.0
2,2,4-Trimethylpentane	Ave	0.6407	0.8515		26.6	20.0	32.9*	20.0
n-Heptane	Ave	0.1605	0.2067		25.8	20.0	28.8*	20.0
Benzene	Ave	1.522	1.623	0.5000	21.3	20.0	6.7	20.0
Propionitrile	Ave	1.591	2.084		262	200	31.0*	20.0
Methacrylonitrile	Ave	0.0911	0.0818		179	200	-10.3	20.0
Tert-amyl methyl ether	Ave	0.6442	0.6189		19.2	20.0	-3.9	20.0
1,2-Dichloroethane	Ave	0.3475	0.3042	0.1000	17.5	20.0	-12.5	20.0
Isobutyl alcohol	Ave	0.3718	0.4915		661	500	32.2	50.0
Isopropyl acetate	Ave	0.3948	0.3346		17.0	20.0	-15.2	20.0
Methylcyclohexane	Ave	0.4079	0.4951	0.1000	24.3	20.0	21.4	50.0
Trichloroethene	Ave	0.2672	0.2932	0.2000	21.9	20.0	9.7	20.0
Dibromomethane	Ave	0.1508	0.1302		17.3	20.0	-13.6	20.0
n-Butanol	QuaF		0.2797		565	500	13.0	50.0
1,2-Dichloropropane	Ave	0.2646	0.2836	0.1000	21.4	20.0	7.2	20.0
Dichlorobromomethane	Ave	0.3295	0.3122	0.2000	18.9	20.0	-5.3	20.0
Ethyl acrylate	Qua2		0.2082		18.7	20.0	-6.7	20.0
Methyl methacrylate	Ave	0.0516	0.0474		36.7	40.0	-8.2	20.0
1,4-Dioxane	Ave	1.331	1.105		332	400	-17.0	50.0
n-Propyl acetate	Qua2		0.2393		19.1	20.0	-4.6	20.0
2-Chloroethyl vinyl ether	Ave	0.0312	0.0598		38.5	20.0	92.0*	20.0
cis-1,3-Dichloropropene	Ave	0.5259	0.5420	0.2000	20.6	20.0	3.1	50.0
Toluene	Ave	1.557	1.612	0.4000	20.7	20.0	3.5	20.0
Epichlorohydrin	Ave	0.1344	0.1607		478	400	19.6	20.0
2-Nitropropane	Ave	0.0465	0.0336		28.8	40.0	-27.9*	20.0
Tetrachloroethene	Ave	0.3637	0.3939	0.2000	21.7	20.0	8.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.175	2.361	0.0500	109	100	8.6	50.0
trans-1,3-Dichloropropene	Ave	0.4655	0.4566	0.1000	19.6	20.0	-1.9	50.0
1,1,2-Trichloroethane	Ave	0.2471	0.2382	0.1000	19.3	20.0	-3.6	20.0
Ethyl methacrylate	Qua2		0.2222		17.7	20.0	-11.5	20.0
Chlorodibromomethane	Ave	0.2983	0.2900	0.1000	19.4	20.0	-2.8	50.0
1,3-Dichloropropane	Ave	0.5048	0.4943		19.6	20.0	-2.1	20.0
Ethylene Dibromide	Ave	0.2717	0.2653	0.1000	19.5	20.0	-2.4	20.0
n-Butyl acetate	Qua2		0.3198		16.7	20.0	-16.4	20.0
2-Hexanone	QuaF		1.568	0.0500	97.0	100	-3.0	50.0
Chlorobenzene	Ave	0.9760	1.011	0.5000	20.7	20.0	3.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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
Ethylbenzene	Ave	0.5403	0.5623	0.1000	20.8	20.0	4.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3037	0.3148		20.7	20.0	3.7	20.0
m-Xylene & p-Xylene	Ave	0.6483	0.6729	0.1000	20.8	20.0	3.8	20.0
o-Xylene	Ave	0.6039	0.6607	0.3000	21.9	20.0	9.4	20.0
Bromoform	Qua2		0.1657	0.1000	19.9	20.0	-0.5	20.0
Styrene	Ave	0.9843	1.081	0.3000	22.0	20.0	9.9	20.0
n-Butyl acrylate	Qua2		0.1864		18.7	20.0	-6.4	20.0
Isopropylbenzene	Ave	1.630	1.746	0.1000	21.4	20.0	7.1	20.0
Amyl acetate (mixed isomers)	Qua2		0.7524		17.4	20.0	-12.9	20.0
Bromobenzene	Ave	0.7652	0.7439		19.4	20.0	-2.8	20.0
N-Propylbenzene	Ave	3.576	3.624		20.3	20.0	1.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6249	0.5546	0.3000	17.8	20.0	-11.2	20.0
2-Chlorotoluene	Ave	2.500	2.447		19.6	20.0	-2.1	20.0
4-Ethyltoluene	Ave	2.979	3.038		20.4	20.0	2.0	20.0
1,2,3-Trichloropropane	Ave	0.1758	0.1535		17.5	20.0	-12.7	20.0
1,3,5-Trimethylbenzene	Ave	2.482	2.493		20.1	20.0	0.4	20.0
trans-1,4-Dichloro-2-butene	QuaF		0.1379		16.6	20.0	-17.0	20.0
4-Chlorotoluene	Ave	2.230	2.217		19.9	20.0	-0.6	20.0
tert-Butylbenzene	Ave	2.058	2.170		21.1	20.0	5.5	20.0
1,2,4-Trimethylbenzene	Ave	2.519	2.569		20.4	20.0	2.0	20.0
Butyl Methacrylate	Qua2		0.7005		19.7	20.0	-1.4	20.0
sec-Butylbenzene	Ave	3.208	3.311		20.6	20.0	3.2	20.0
1,3-Dichlorobenzene	Ave	1.451	1.488	0.6000	20.5	20.0	2.5	20.0
4-Isopropyltoluene	Ave	2.622	2.799		21.4	20.0	6.8	20.0
1,4-Dichlorobenzene	Ave	1.588	1.552	0.5000	19.5	20.0	-2.3	20.0
1,2,3-Trimethylbenzene	Ave	2.643	2.634		19.9	20.0	-0.4	20.0
Indan	Ave	2.629	2.599		19.8	20.0	-1.1	20.0
Benzyl chloride	Qua2		0.1816		21.0	20.0	5.2	50.0
p-Diethylbenzene	Ave	1.336	1.431		21.4	20.0	7.1	20.0
n-Butylbenzene	Ave	2.495	2.599		20.8	20.0	4.2	20.0
1,2-Dichlorobenzene	Ave	1.456	1.433	0.4000	19.7	20.0	-1.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.441	2.536		20.8	20.0	3.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1152	0.0934	0.0500	16.2	20.0	-19.0	50.0
1,3,5-Trichlorobenzene	Ave	1.113	1.131		20.3	20.0	1.6	20.0
1,2,4-Trichlorobenzene	Ave	0.9710	0.9738	0.2000	20.1	20.0	0.3	20.0
Hexachlorobutadiene	Ave	0.3609	0.3948		21.9	20.0	9.4	20.0
Naphthalene	Ave	1.960	1.774		18.1	20.0	-9.5	50.0
1,2,3-Trichlorobenzene	Ave	0.9118	0.7877		17.3	20.0	-13.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2337	0.2255		48.2	50.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2803	0.2371		42.3	50.0	-15.4	20.0
Toluene-d8 (Surr)	Ave	1.212	1.273		52.5	50.0	5.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-720234/3 Calibration Date: 08/28/2020 09:09
 Instrument ID: CVOAMS13 Calib Start Date: 07/09/2020 04:40
 GC Column: Rtx-624 ID: 0.25 (mm) Calib End Date: 07/09/2020 12:29
 Lab File ID: P79026.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
4-Bromofluorobenzene	Ave	0.4000	0.4146		51.8	50.0	3.6	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79026.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 28-Aug-2020 09:09:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0115916-003
 Operator ID: Instrument ID: CVOAMS13
 Sublist: chrom-8260W_13*sub61
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:53:26 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: yallabg

Date: 28-Aug-2020 17:04:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	89658	20.0	17.7	
7 Vinyl chloride	62	0.893	0.893	0.000	63	89081	20.0	18.7	
8 Butadiene	54	0.893	0.893	0.000	94	82040	20.0	19.2	
6 Chloromethane	50	0.893	0.893	0.000	71	118633	20.0	18.7	
9 Bromomethane	94	1.036	1.036	0.000	99	30143	20.0	14.3	
10 Chloroethane	64	1.093	1.093	0.000	99	51085	20.0	14.7	
11 Pentane	72	1.151	1.151	0.000	97	25420	40.0	53.1	
12 Trichlorofluoromethane	101	1.151	1.151	0.000	57	91714	20.0	15.1	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	112608	20.0	15.3	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	97	104839	20.0	16.9	
15 Ethyl ether	59	1.301	1.301	0.000	97	48575	20.0	14.6	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	97	62072	20.0	17.5	
19 Carbon disulfide	76	1.408	1.408	0.000	99	211671	20.0	16.1	
16 Ethanol	46	1.408	1.408	0.000	32	8952	800.0	708.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.416	1.416	0.000	91	63295	20.0	17.8	
22 Iodomethane	142	1.466	1.466	0.000	96	45838	20.0	10.7	
23 Cyclopentene	67	1.544	1.544	0.000	96	171333	20.0	17.4	
24 Acrolein	56	1.559	1.559	0.000	93	8936	40.0	38.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	38066	20.0	17.3	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	22121	200.0	184.6	
27 Methylene Chloride	84	1.695	1.695	0.000	92	70436	20.0	16.4	
28 Acetone	43	1.716	1.716	0.000	88	50070	100.0	64.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	94	66404	20.0	16.9	
30 Methyl acetate	43	1.781	1.781	0.000	100	59267	40.0	46.3	
31 Hexane	86	1.817	1.817	0.000	89	18047	20.0	19.8	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	88	145459	20.0	14.7	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	157314	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	0.000	100	34062	200.0	191.3	
35 Acetonitrile	41	1.981	1.981	0.000	99	57820	200.0	243.8	
36 Isopropyl ether	45	2.060	2.060	0.000	97	225900	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	91	63174	20.0	20.9	
38 1,1-Dichloroethane	63	2.125	2.125	0.000	99	123733	20.0	20.2	
39 Acrylonitrile	53	2.153	2.153	0.000	94	178563	200.0	178.6	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	88	186270	20.0	19.3	
41 Vinyl acetate	43	2.289	2.289	0.000	100	238130	40.0	37.7	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	97	75045	20.0	20.9	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	88376	20.0	20.8	
44 Cyclohexane	56	2.590	2.590	0.000	91	133822	20.0	24.6	
45 Chlorobromomethane	128	2.590	2.590	0.000	93	33522	20.0	20.4	
46 Chloroform	83	2.648	2.648	0.000	99	112496	20.0	19.4	
47 Carbon tetrachloride	117	2.734	2.734	0.000	98	73926	20.0	20.5	
48 Ethyl acetate	70	2.748	2.748	0.000	98	10747	40.0	39.9	
49 Methyl acrylate	55	2.755	2.755	0.000	99	41033	20.0	18.4	
50 Tetrahydrofuran	42	2.755	2.755	0.000	95	35596	40.0	38.9	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	141167	50.0	48.2	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	90348	20.0	19.4	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	99	218217	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	100	27862	100.0	96.7	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	97	99049	20.0	21.0	
56 Isooctane	57	2.963	2.963	0.000	99	213234	20.0	26.6	
57 n-Heptane	57	3.049	3.049	0.000	94	51763	20.0	25.8	
58 Benzene	78	3.056	3.056	0.000	96	293385	20.0	21.3	
59 Propionitrile	54	3.077	3.077	0.000	95	65583	200.0	262.1	
60 Methacrylonitrile	67	3.092	3.092	0.000	92	204727	200.0	179.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	148452	50.0	42.3	
62 Tert-amyl methyl ether	73	3.170	3.170	0.000	99	154975	20.0	19.2	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	76187	20.0	17.5	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	38663	500.0	661.0	
65 t-Amyl alcohol	59	3.357	3.357	0.000	94	24467	200.0	254.8	
* 66 Fluorobenzene	96	3.393	3.393	0.000	99	626036	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	83786	20.0	17.0	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	123976	20.0	24.3	
69 Trichloroethene	130	3.536	3.536	0.000	97	73421	20.0	21.9	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	142867	20.0	20.1	
71 Dibromomethane	93	3.894	3.894	0.000	96	32608	20.0	17.3	
72 n-Butanol	56	3.915	3.915	0.000	89	22002	500.0	564.9	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	71019	20.0	21.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	78169	20.0	18.9	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	52142	20.0	18.7	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	80	22286	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	93	23726	40.0	36.7	
78 1,4-Dioxane	88	4.266	4.266	0.000	35	9851	400.0	332.2	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	59914	20.0	19.1	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	96	15023	20.0	38.5	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	97949	20.0	20.6	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	575215	50.0	52.5	
83 Toluene	91	4.940	4.940	0.000	93	291285	20.0	20.7	
84 Epichlorohydrin	57	4.976	4.976	0.000	98	56102	400.0	478.3	
85 2-Nitropropane	41	5.190	5.190	0.000	98	16808	40.0	28.8	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	71193	20.0	21.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	206068	100.0	108.6	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	82522	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	95	43051	20.0	19.3	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	55644	20.0	17.7	
91 Chlorodibromomethane	129	5.806	5.806	0.000	97	52405	20.0	19.4	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	89322	20.0	19.6	
93 Ethylene Dibromide	107	6.043	6.043	0.000	97	47938	20.0	19.5	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	57797	20.0	16.7	
95 2-Hexanone	43	6.458	6.458	0.000	96	136826	100.0	97.0	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	451799	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	96	182618	20.0	20.7	
98 Ethylbenzene	106	6.831	6.831	0.000	98	101621	20.0	20.8	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	56889	20.0	20.7	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	121615	20.0	20.8	
101 o-Xylene	106	7.626	7.626	0.000	95	119407	20.0	21.9	
102 Bromoform	173	7.698	7.698	0.000	95	29943	20.0	19.9	
103 Styrene	104	7.719	7.719	0.000	96	195436	20.0	22.0	
104 n-Butyl acrylate	73	8.056	8.056	0.000	97	33681	20.0	18.7	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	315598	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	90	79152	20.0	17.4	
\$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	93	187295	50.0	51.8	
108 Bromobenzene	156	8.586	8.586	0.000	97	78257	20.0	19.4	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	381208	20.0	20.3	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	96	58346	20.0	17.8	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	257423	20.0	19.6	
112 4-Ethyltoluene	105	8.930	8.930	0.000	98	319597	20.0	20.4	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	16147	20.0	17.5	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	262215	20.0	20.1	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	62	14504	20.0	16.6	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	233218	20.0	19.9	
117 tert-Butylbenzene	119	9.546	9.546	0.000	95	228323	20.0	21.1	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	270258	20.0	20.4	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	73687	20.0	19.7	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	348285	20.0	20.6	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	156482	20.0	20.5	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	294454	20.0	21.4	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	262989	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.248	0.000	96	163273	20.0	19.5	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	277046	20.0	19.9	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	273415	20.0	19.8	
127 Benzyl chloride	126	10.713	10.713	0.000	98	19099	20.0	21.0	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	150521	20.0	21.4	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	273402	20.0	20.8	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	150702	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	266800	20.0	20.8	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	92	9821	20.0	16.2	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	118981	20.0	20.3	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	102437	20.0	20.1	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	41528	20.0	21.9	
136 Naphthalene	128	13.127	13.127	0.000	100	186640	20.0	18.1	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	82862	20.0	17.3	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.7	
S 139 1,3-Dichloropropene, Total	100				0		40.0	40.2	
S 140 Xylenes, Total	100				0		40.0	42.6	

Eurofins TestAmerica, Edison

Data File: \\chromf\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79026.D

Injection Date: 28-Aug-2020 09:09:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

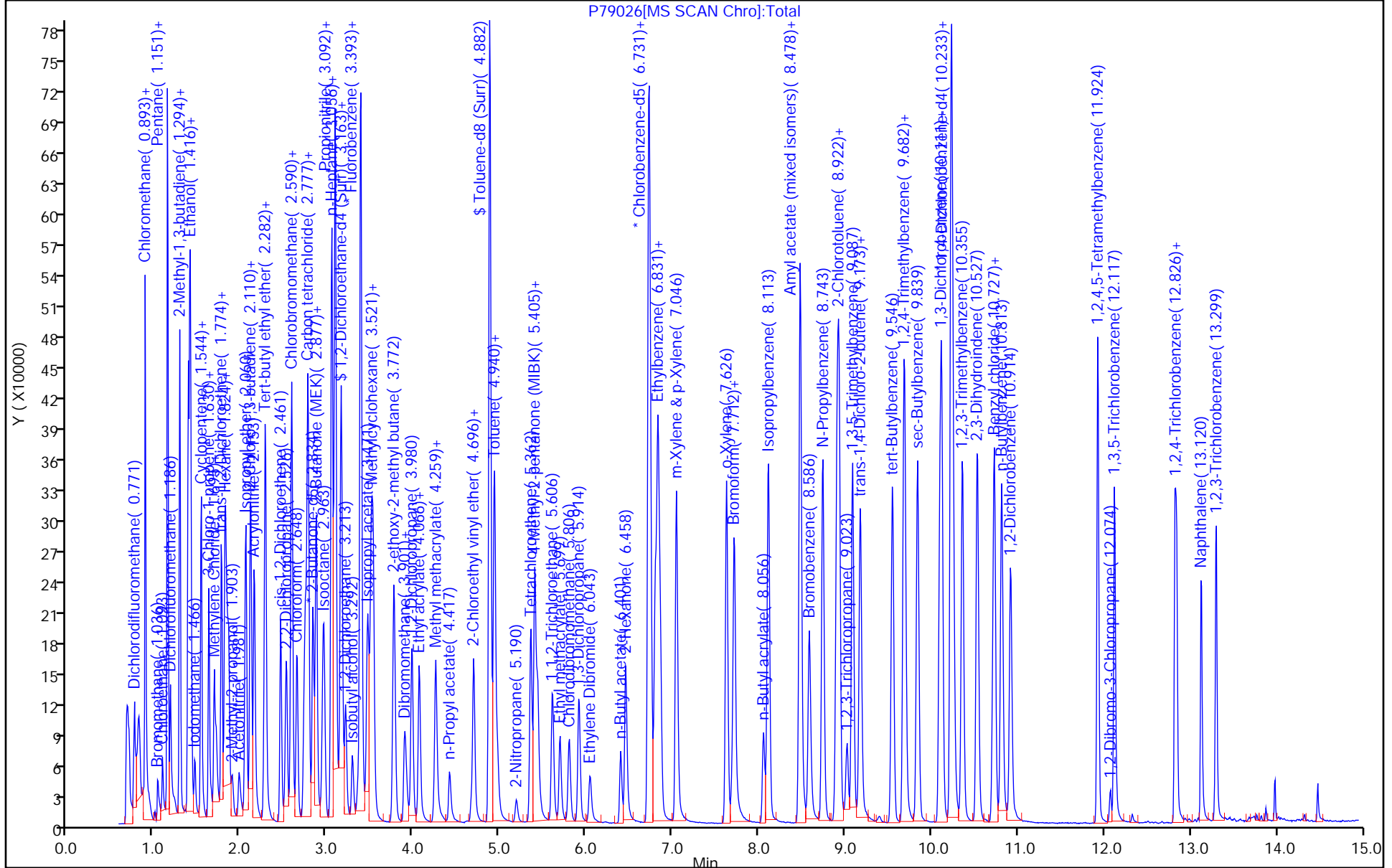
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8260W_13

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\CVOAMS13\20200709-112940.b\P76750.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 09-Jul-2020 03:47:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0112940-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 09-Jul-2020 20:42:57 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1017

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 143 BFB	95	2.015	2.015	0.000	89	38708	NR	NR	

QC Flag Legend

Processing Flags
 NR - Missing Quant Standard

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D

Injection Date: 09-Jul-2020 03:47:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

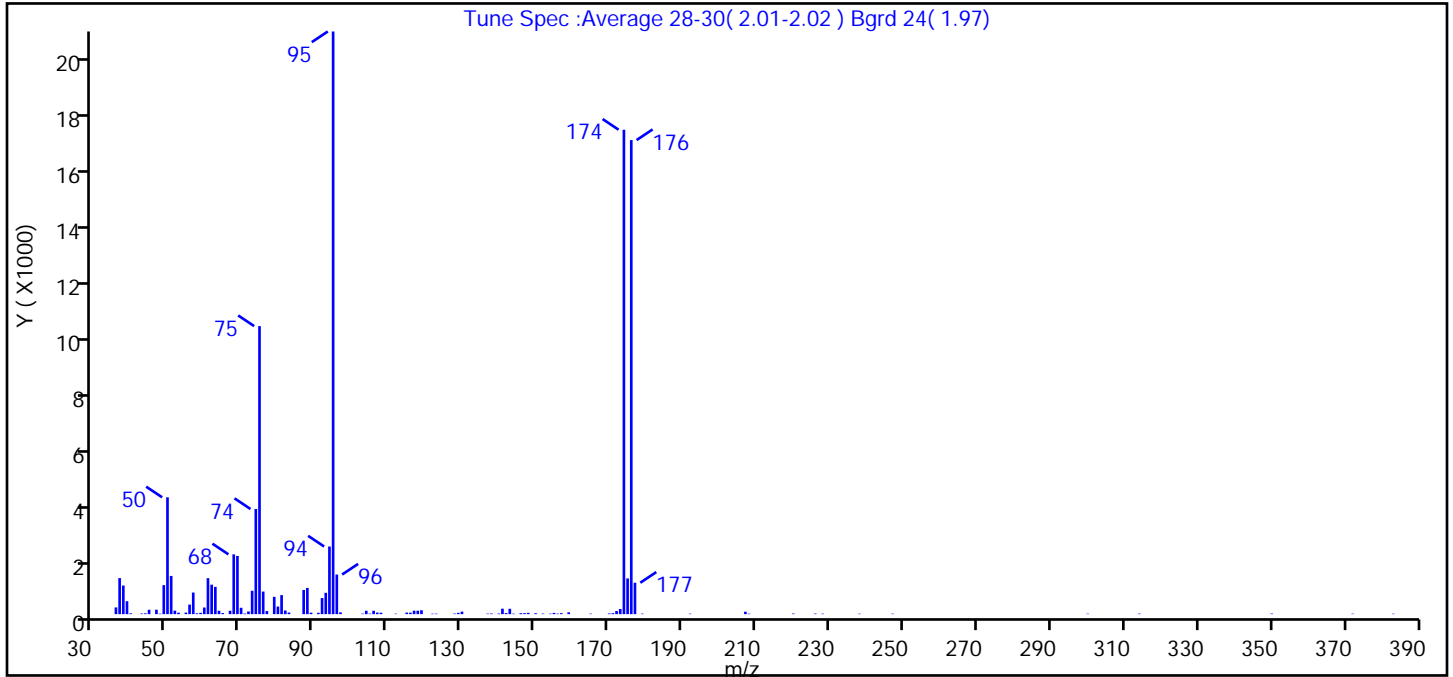
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.1
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.9 (1.1)
174	50 to 120% of m/z 95	83.1
175	5 to 9% of m/z 174	6.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	81.4 (97.9)
177	5 to 9% of m/z 176	5.4 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76750.D\8260W_13.rsl\spectra.d
 Injection Date: 09-Jul-2020 03:47:30
 Spectrum: Tune Spec :Average 28-30(2.01-2.02) Bgrd 24(1.97)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 110

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	239	69.00	2067	106.00	120	156.00	18
37.00	1280	70.00	226	107.00	56	157.00	35
38.00	1016	71.00	22	108.00	51	159.00	64
39.00	459	72.00	95	112.00	17	165.00	17
40.00	29	73.00	830	115.00	56	170.00	25
43.00	22	74.00	3733	116.00	53	171.00	35
44.00	29	75.00	10227	117.00	123	172.00	110
45.00	156	76.00	802	118.00	122	173.00	183
47.00	158	77.00	110	119.00	139	174.00	17200
48.00	17	78.00	1	122.00	17	175.00	1268
49.00	1030	79.00	615	123.00	18	176.00	16832
50.00	4148	80.00	270	128.00	20	177.00	1115
51.00	1357	81.00	676	129.00	47	179.00	18
52.00	123	82.00	129	130.00	90	192.00	17
53.00	52	83.00	57	137.00	18	207.00	85
55.00	55	87.00	858	138.00	23	208.00	17
56.00	339	88.00	931	140.00	22	220.00	22
57.00	767	89.00	52	141.00	194	226.00	20
58.00	30	91.00	48	142.00	39	228.00	18
59.00	47	92.00	572	143.00	191	238.00	16
60.00	235	93.00	758	144.00	17	247.00	17
61.00	1278	94.00	2402	146.00	36	300.00	16
62.00	1046	95.00	20688	147.00	35	314.00	19
63.00	969	96.00	1406	148.00	47	350.00	21
64.00	121	97.00	64	150.00	32	372.00	17
65.00	39	103.00	19	152.00	19	383.00	16
67.00	120	104.00	121	154.00	17		
68.00	2123	105.00	19	155.00	45		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\IP76750.D

Injection Date: 09-Jul-2020 03:47:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

Dil. Factor: 1.0000

ALS Bottle#: 99

Method: 8260W_13

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\CVOAMS13\20200828-115916.b\P79024.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 28-Aug-2020 08:24:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0115916-001
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Aug-2020 09:43:30 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc Date: 28-Aug-2020 07:33:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 143 BFB	95	2.007	2.007	0.000	94	28784	NR	NR	
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QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00026 Amount Added: 1.00 Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\p79024.D

Injection Date: 28-Aug-2020 08:24:30

Instrument ID: CVOAMS13

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

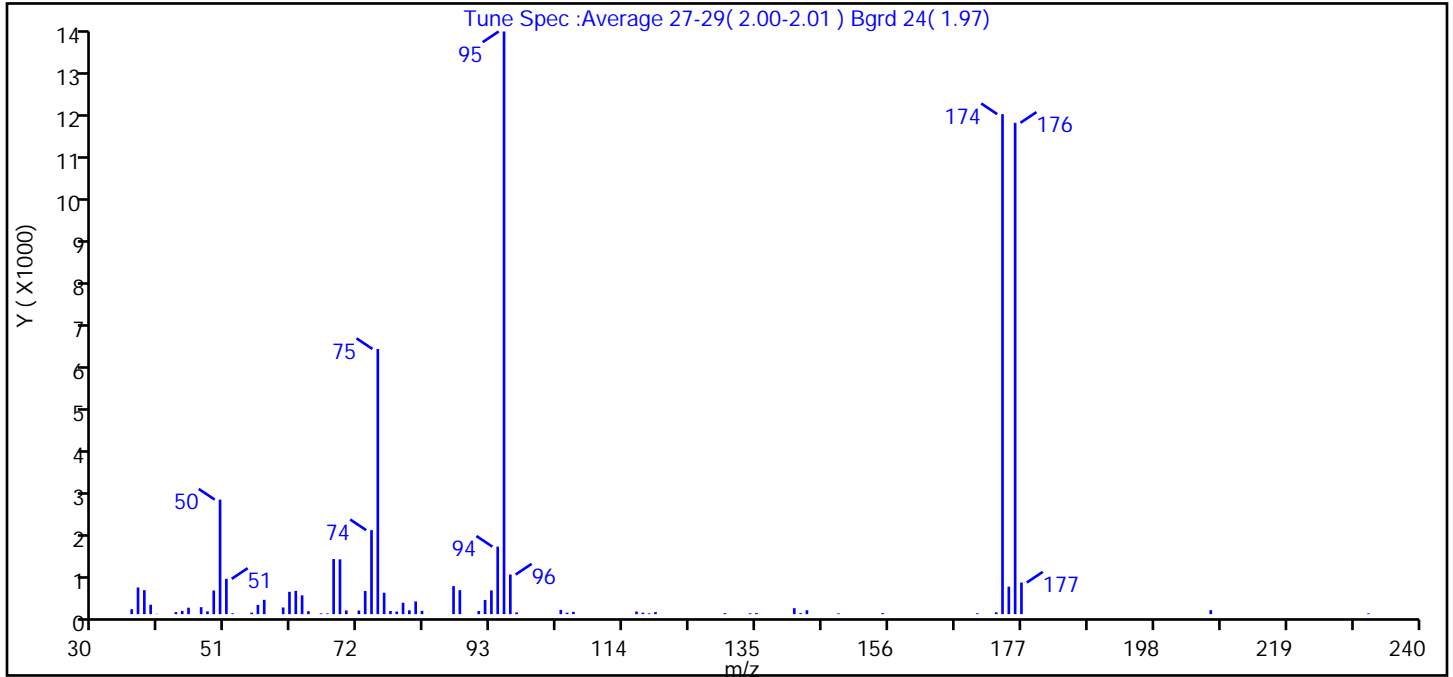
Dil. Factor: 1.0000

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.3 (0.4)
174	50 to 120% of m/z 95	85.8
175	5 to 9% of m/z 174	4.7 (5.5)
176	Greater than 95% but less than 101% of m/z 174	84.3 (98.3)
177	5 to 9% of m/z 176	5.4 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\P79024.D\8260W_13.rsl\spectra.d
 Injection Date: 28-Aug-2020 08:24:30
 Spectrum: Tune Spec :Average 27-29(2.00-2.01) Bgrd 24(1.97)
 Base Peak: 95.00
 Minimum % Base Peak: 0
 Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	111	61.00	502	81.00	286	130.00	23
37.00	599	62.00	524	82.00	74	134.00	20
38.00	539	63.00	422	87.00	630	135.00	25
39.00	211	64.00	65	88.00	539	141.00	134
40.00	7	66.00	17	91.00	70	142.00	22
43.00	47	67.00	16	92.00	319	143.00	88
44.00	72	68.00	1238	93.00	533	148.00	17
45.00	145	69.00	1231	94.00	1516	155.00	23
47.00	157	70.00	83	95.00	13090	170.00	19
48.00	63	72.00	82	96.00	890	173.00	41
49.00	532	73.00	521	97.00	38	174.00	11233
50.00	2573	74.00	1887	104.00	95	175.00	618
51.00	793	75.00	5957	105.00	33	176.00	11039
52.00	18	76.00	481	106.00	51	177.00	710
55.00	34	77.00	71	116.00	59	207.00	90
56.00	208	78.00	58	117.00	33	232.00	18
57.00	321	79.00	256	118.00	17		
60.00	150	80.00	86	119.00	47		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79024.D

Injection Date: 28-Aug-2020 08:24:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 mL

Dil. Factor: 1.0000

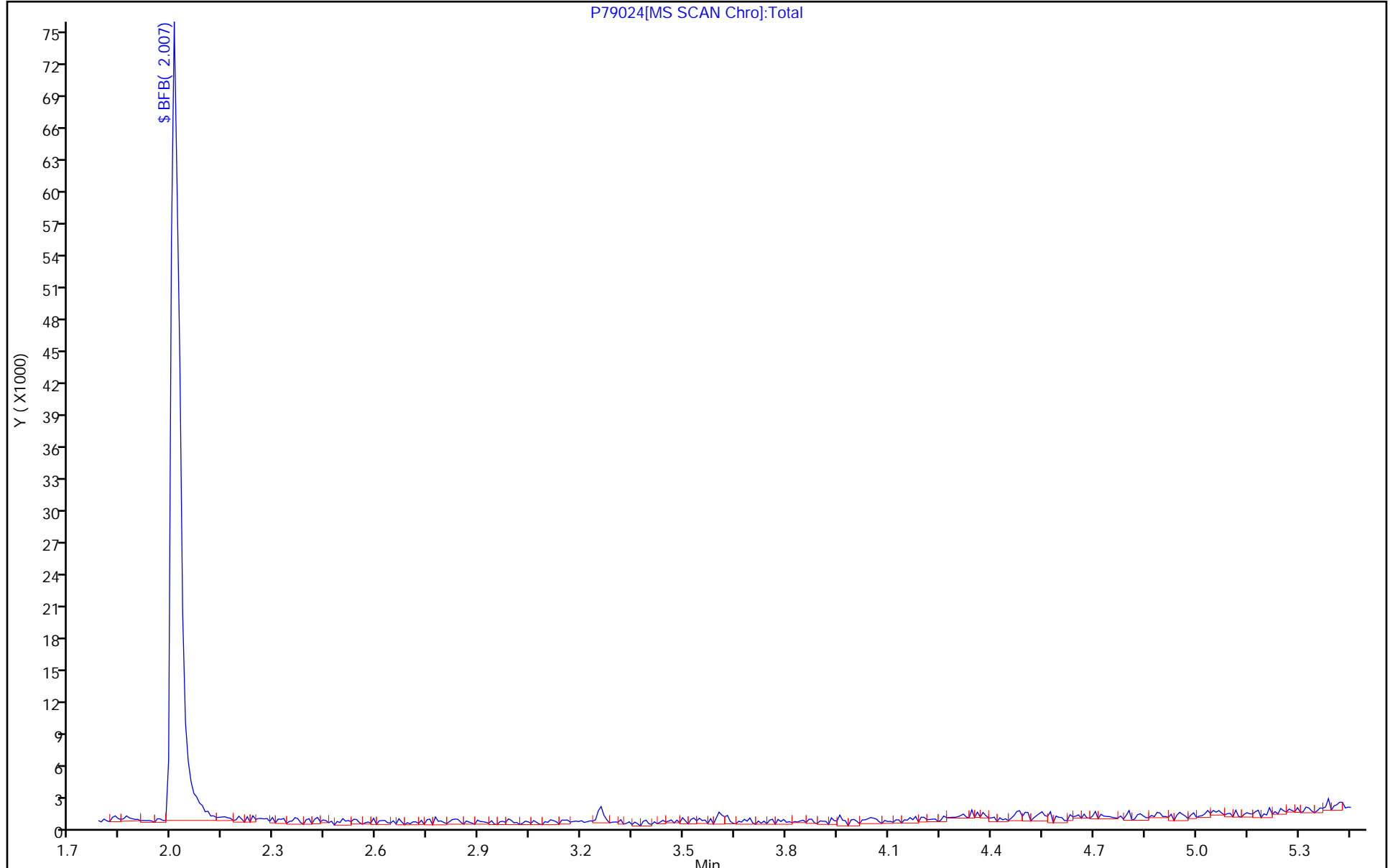
ALS Bottle#: 99

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

P79024[MS SCAN Chro]:Total



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
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
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 (MEK)	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 (MIBK)	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
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
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
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
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.47	U	1.0	0.47
108-87-2	Methylcyclohexane	0.26	U	1.0	0.26
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
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
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
95-50-1	1,2-Dichlorobenzene	0.43	U	1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	95		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-720234/9
 Matrix: Water Lab File ID: P79032.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 11:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: Rtx-624 ID: 0.25 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 720234 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\CVOAMS13\20200828-115916.b\1P79032.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 28-Aug-2020 11:28:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0115916-009
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 29-Aug-2020 12:55:09 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\1P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1007

First Level Reviewer: xuyvo Date: 29-Aug-2020 12:55:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	155140	1000.0	1000.0	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	97	135221	50.0	47.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	201243	250.0	250.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	138620	50.0	40.4	
* 66 Fluorobenzene	96	3.385	3.393	-0.008	99	611944	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	63	20601	1000.0	1000.0	
\$ 82 Toluene-d8 (Surr)	98	4.883	4.882	0.000	99	556039	50.0	52.7	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	434774	50.0	50.0	
\$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	94	172875	50.0	49.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	247586	50.0	50.0	

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
 8260SURR250_00211 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\IP79032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Operator ID:

Lims ID: MB

Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL

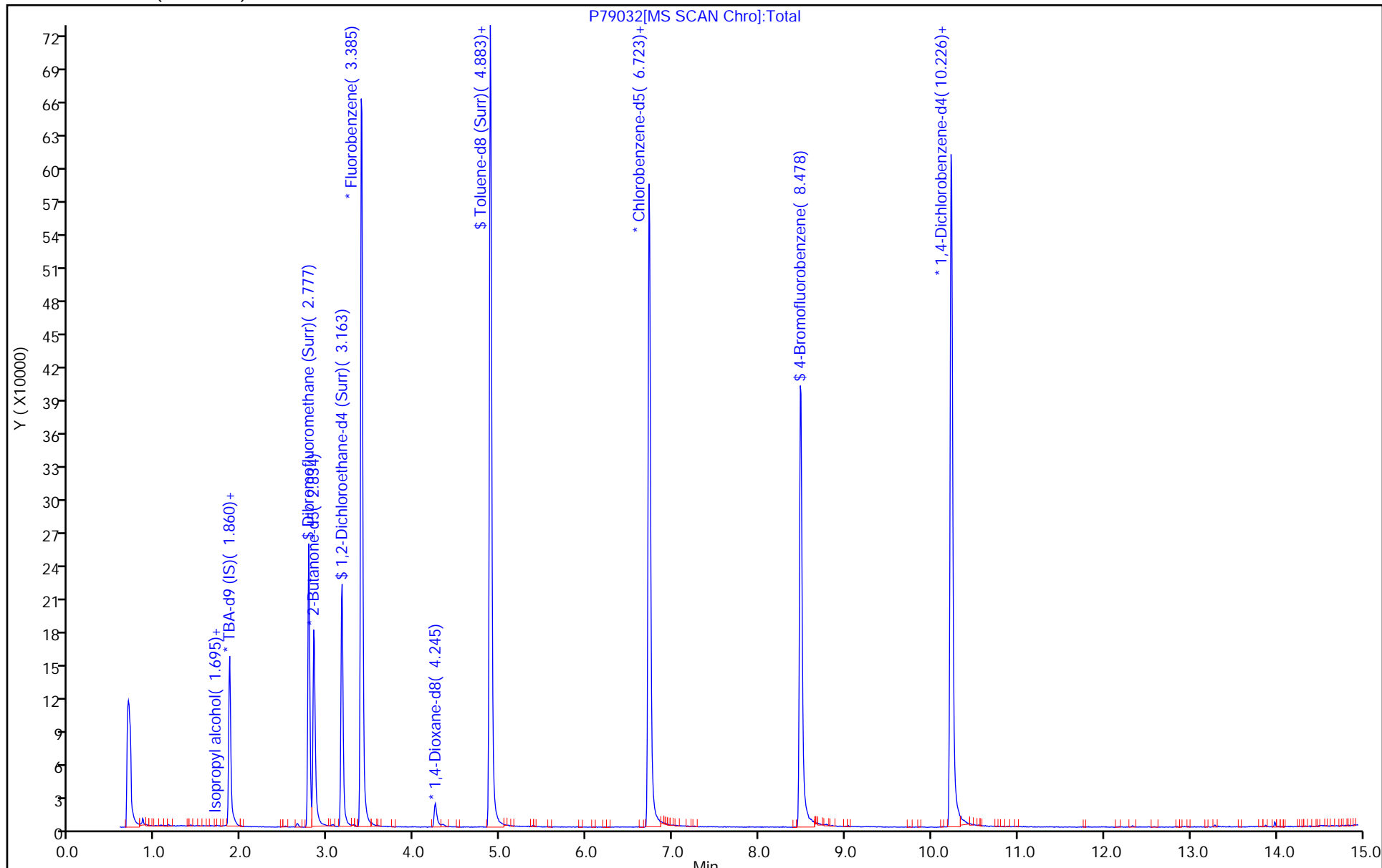
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8260W_13

Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\1P79032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

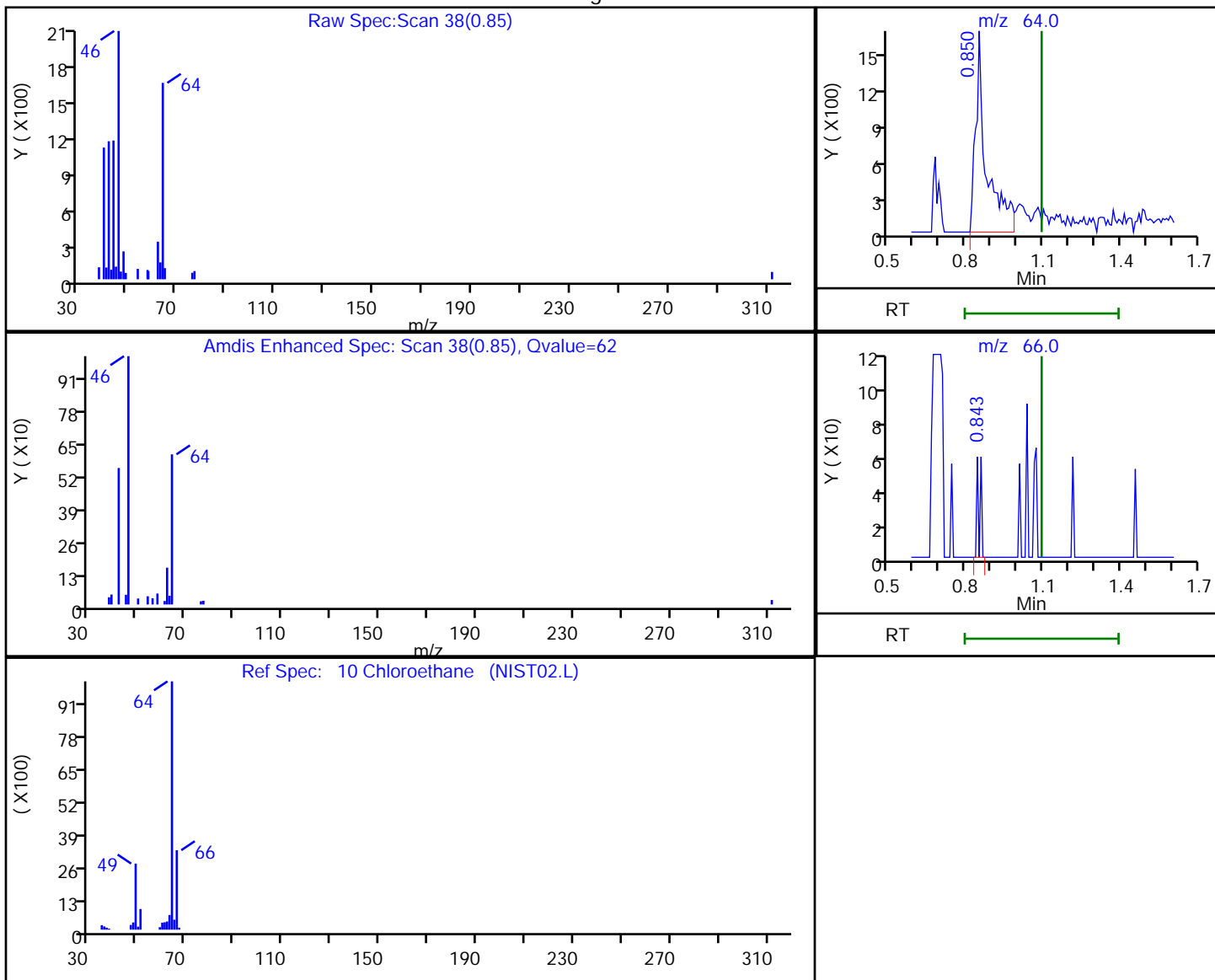
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.85	64.00	4720	1.211316
0.84	66.00	49	

Reviewer: moroneyc, 28-Aug-2020 11:04:44

Audit Action: Marked Compound Undetected

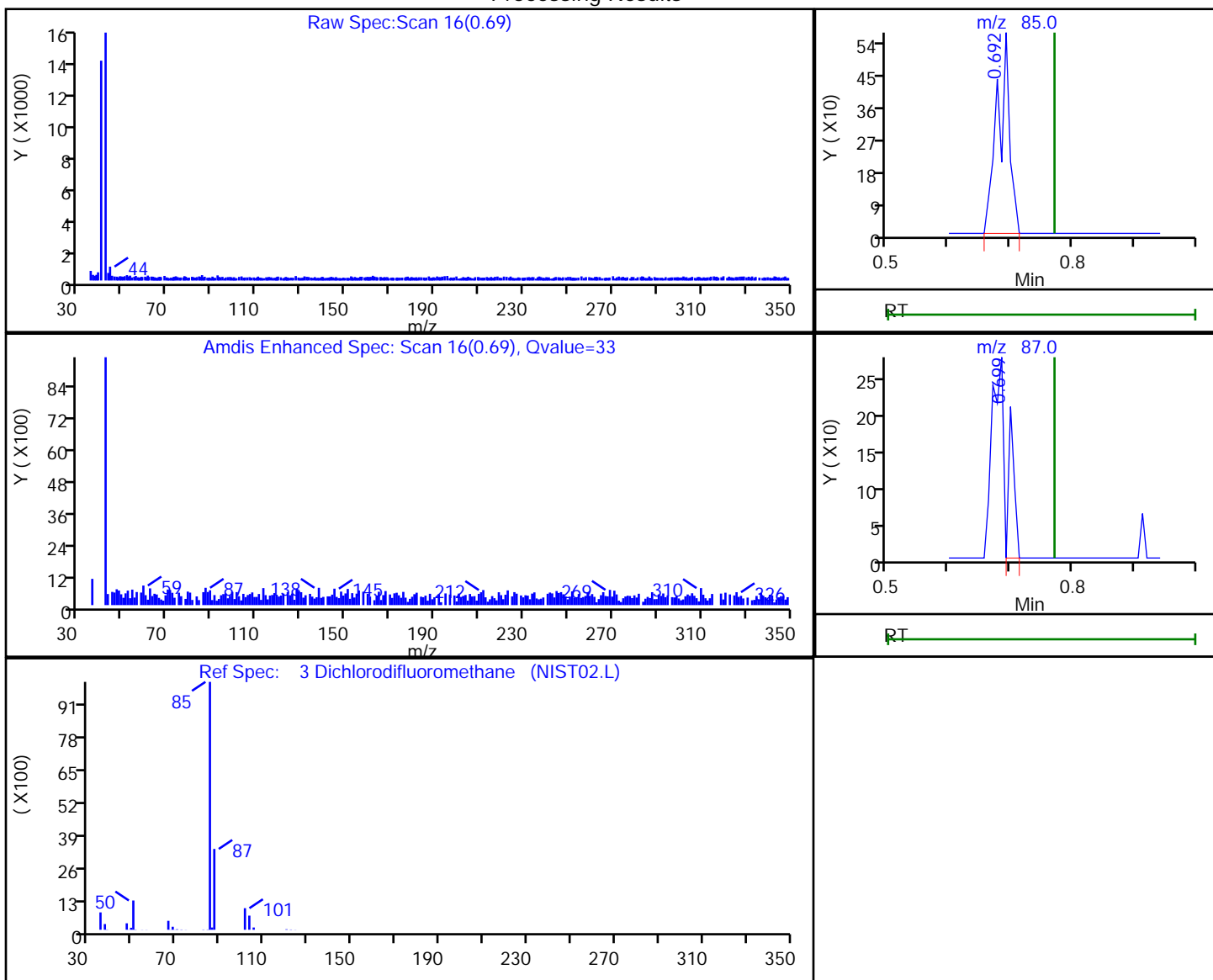
Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179032.D
 Injection Date: 28-Aug-2020 11:28:30 Instrument ID: CVOAMS13
 Lims ID: MB
 Client ID:
 Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
 Column: Rtx-624 (0.25 mm) Detector: MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.69	85.00	782	0.158042
0.70	87.00	131	

Reviewer: moroneyc, 28-Aug-2020 11:04:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\179032.D

Injection Date: 28-Aug-2020 11:28:30

Instrument ID: CVOAMS13

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_13

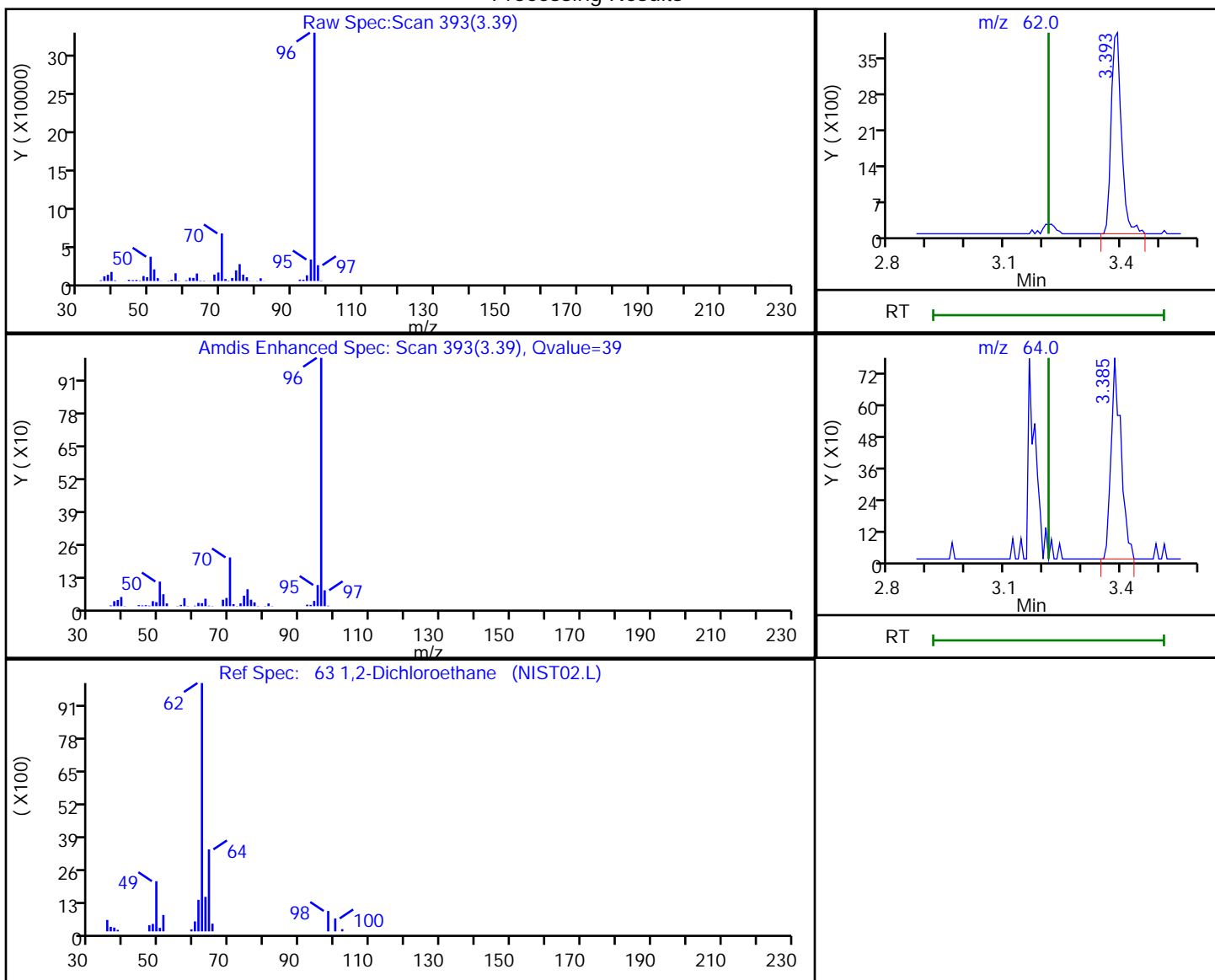
Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)

Detector: MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.39	62.00	7345	1.726862
3.39	64.00	1385	

Reviewer: moroneyc, 28-Aug-2020 11:05:03

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.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-720234/4
 Matrix: Water Lab File ID: P79027.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 09:32
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	17.5		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17.1		1.0	0.31
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.43
75-34-3	1,1-Dichloroethane	20.0		1.0	0.26
75-35-4	1,1-Dichloroethene	16.7		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	18.4		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	20.1		1.0	0.37
78-87-5	1,2-Dichloropropane	21.0		1.0	0.35
541-73-1	1,3-Dichlorobenzene	19.9		1.0	0.34
106-46-7	1,4-Dichlorobenzene	19.1		1.0	0.33
123-91-1	1,4-Dioxane	375		50	28
78-93-3	2-Butanone (MEK)	97.8		5.0	1.9
591-78-6	2-Hexanone	101		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	106		5.0	1.3
67-64-1	Acetone	65.6		5.0	4.4
71-43-2	Benzene	20.5		1.0	0.20
75-25-2	Bromoform	19.9		1.0	0.54
74-83-9	Bromomethane	14.6		1.0	0.55
75-15-0	Carbon disulfide	15.9		1.0	0.82
56-23-5	Carbon tetrachloride	20.1		1.0	0.21
108-90-7	Chlorobenzene	20.6		1.0	0.38
74-97-5	Chlorobromomethane	20.4		1.0	0.41
124-48-1	Chlorodibromomethane	19.5		1.0	0.28
75-00-3	Chloroethane	13.5		1.0	0.32
67-66-3	Chloroform	19.1		1.0	0.33
74-87-3	Chloromethane	17.8		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.0		1.0	0.22
110-82-7	Cyclohexane	24.0		1.0	0.32
75-27-4	Dichlorobromomethane	18.8		1.0	0.34
75-71-8	Dichlorodifluoromethane	17.2		1.0	0.31
100-41-4	Ethylbenzene	20.9		1.0	0.30
106-93-4	Ethylene Dibromide	19.5		1.0	0.50
98-82-8	Isopropylbenzene	21.4		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-720234/4
 Matrix: Water Lab File ID: P79027.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 08/28/2020 09:32
 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.: 720234 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	43.7		5.0	0.79
1634-04-4	Methyl tert-butyl ether	14.8		1.0	0.47
108-87-2	Methylcyclohexane	23.3		1.0	0.26
75-09-2	Methylene Chloride	16.2		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	21.0		1.0	0.30
95-47-6	o-Xylene	21.8		1.0	0.36
100-42-5	Styrene	21.5		1.0	0.42
127-18-4	Tetrachloroethene	20.4		1.0	0.25
108-88-3	Toluene	19.8		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	17.1		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.49
79-01-6	Trichloroethene	21.0		1.0	0.31
75-69-4	Trichlorofluoromethane	13.9		1.0	0.32
75-01-4	Vinyl chloride	17.8		1.0	0.17
107-06-2	1,2-Dichloroethane	17.1		1.0	0.43
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.43
96-12-8	1,2-Dibromo-3-Chloropropane	17.8		1.0	0.38

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		75-123
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-124
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\P79027.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 28-Aug-2020 09:32:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0115916-004
 Operator ID: Instrument ID: CVOAMS13
 Method: \\chromfs\Edison\ChromData\CVOAMS13\20200828-115916.b\8260W_13.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Aug-2020 09:43:32 Calib Date: 09-Jul-2020 12:29:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200709-112940.b\P76766.D
 Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
 Process Host: CTX1009

First Level Reviewer: moroneyc

Date: 28-Aug-2020 09:42:05

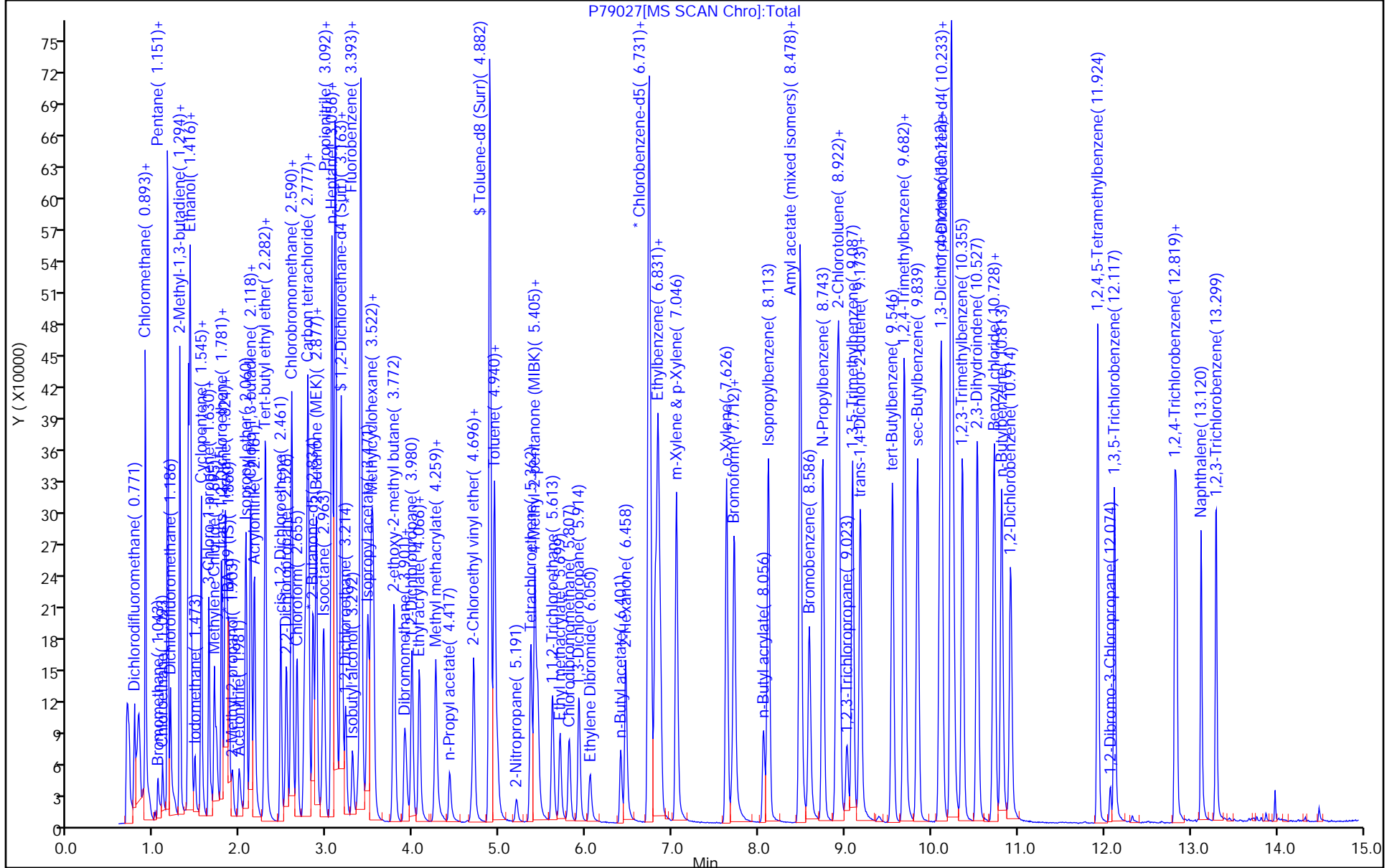
Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	85020	20.0	17.2	
7 Vinyl chloride	62	0.893	0.893	0.000	63	82822	20.0	17.8	
8 Butadiene	54	0.893	0.893	0.000	92	77728	20.0	18.7	
6 Chloromethane	50	0.893	0.893	0.000	95	110701	20.0	17.8	
9 Bromomethane	94	1.043	1.036	0.007	99	30100	20.0	14.6	
10 Chloroethane	64	1.093	1.093	0.000	99	45695	20.0	13.5	
11 Pentane	72	1.151	1.151	0.000	97	23825	40.0	49.6	
12 Trichlorofluoromethane	101	1.158	1.151	0.007	56	82528	20.0	13.9	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	103494	20.0	14.4	
14 2-Methyl-1,3-butadiene	67	1.294	1.294	0.000	96	99386	20.0	16.4	
15 Ethyl ether	59	1.301	1.301	0.000	93	46219	20.0	14.2	
17 1,1-Dichloroethene	96	1.394	1.394	0.000	98	57709	20.0	16.7	
19 Carbon disulfide	76	1.408	1.408	0.000	99	204471	20.0	15.9	
16 Ethanol	46	1.408	1.408	0.000	25	10671	800.0	841.9	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	1.416	1.416	0.000	91	59576	20.0	17.1	
22 Iodomethane	142	1.473	1.466	0.007	96	52149	20.0	12.5	
23 Cyclopentene	67	1.545	1.544	0.000	96	164047	20.0	17.1	
24 Acrolein	56	1.566	1.559	0.007	94	9438	40.0	40.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	95	36116	20.0	16.8	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	23748	200.0	197.6	
27 Methylene Chloride	84	1.695	1.695	0.000	90	67895	20.0	16.2	
28 Acetone	43	1.716	1.716	0.000	89	49579	100.0	65.6	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	65681	20.0	17.1	
30 Methyl acetate	43	1.788	1.781	0.007	99	56056	40.0	43.7	
31 Hexane	86	1.817	1.817	0.000	93	17373	20.0	19.6	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	89	143610	20.0	14.8	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	157811	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.903	0.000	100	36943	200.0	206.9	
35 Acetonitrile	41	1.981	1.981	0.000	100	60111	200.0	252.6	
36 Isopropyl ether	45	2.060	2.060	0.000	98	214873	20.0	20.9	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	90	60552	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.125	2.125	0.000	99	119359	20.0	20.0	
39 Acrylonitrile	53	2.161	2.153	0.008	95	173753	200.0	177.9	
40 Tert-butyl ethyl ether	59	2.282	2.282	0.000	89	178681	20.0	18.9	
41 Vinyl acetate	43	2.289	2.289	0.000	100	231278	40.0	37.5	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	72185	20.0	20.5	
43 2,2-Dichloropropane	77	2.533	2.526	0.007	97	84274	20.0	20.3	
44 Cyclohexane	56	2.590	2.590	0.000	91	127503	20.0	24.0	
45 Chlorobromomethane	128	2.590	2.590	0.000	91	32766	20.0	20.4	
46 Chloroform	83	2.655	2.648	0.007	99	107789	20.0	19.1	
47 Carbon tetrachloride	117	2.734	2.734	0.000	98	70853	20.0	20.1	
48 Ethyl acetate	70	2.755	2.748	0.007	99	10427	40.0	39.8	
49 Methyl acrylate	55	2.755	2.755	0.000	99	39485	20.0	18.1	
50 Tetrahydrofuran	42	2.762	2.755	0.007	96	35268	40.0	39.5	
\$ 51 Dibromofluoromethane (Surr)	113	2.777	2.777	0.000	98	137328	50.0	48.1	
52 1,1,1-Trichloroethane	97	2.784	2.784	0.000	98	87650	20.0	19.2	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	212628	250.0	250.0	
54 2-Butanone (MEK)	72	2.870	2.870	0.000	100	27478	100.0	97.8	
55 1,1-Dichloropropene	75	2.877	2.877	0.000	98	93688	20.0	20.3	
56 Isooctane	57	2.963	2.963	0.000	99	199616	20.0	25.5	
57 n-Heptane	57	3.049	3.049	0.000	96	49613	20.0	25.3	
58 Benzene	78	3.056	3.056	0.000	97	277870	20.0	20.5	
59 Propionitrile	54	3.077	3.077	0.000	95	63791	200.0	254.1	
60 Methacrylonitrile	67	3.099	3.092	0.007	92	200364	200.0	179.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.163	0.000	0	144656	50.0	42.2	
62 Tert-amyl methyl ether	73	3.171	3.170	0.001	99	147690	20.0	18.7	
63 1,2-Dichloroethane	62	3.214	3.213	0.001	96	72679	20.0	17.1	
64 Isobutyl alcohol	43	3.292	3.292	0.000	97	40762	500.0	694.7	
65 t-Amyl alcohol	59	3.364	3.357	0.007	93	25728	200.0	267.0	
* 66 Fluorobenzene	96	3.393	3.393	0.000	99	611427	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.464	0.000	99	90570	20.0	18.8	
68 Methylcyclohexane	83	3.514	3.514	0.000	96	116139	20.0	23.3	
69 Trichloroethene	130	3.536	3.536	0.000	97	68674	20.0	21.0	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	132901	20.0	19.2	
71 Dibromomethane	93	3.894	3.894	0.000	96	32833	20.0	17.8	
72 n-Butanol	56	3.915	3.915	0.000	91	23974	500.0	613.3	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	91	67798	20.0	21.0	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	75763	20.0	18.8	
74 Ethyl acrylate	55	4.073	4.066	0.007	98	51583	20.0	18.9	
* 76 1,4-Dioxane-d8	96	4.245	4.245	0.000	82	21910	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	92	22518	40.0	35.7	
78 1,4-Dioxane	88	4.266	4.266	0.000	35	10923	400.0	374.7	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	58639	20.0	19.1	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	97	15090	20.0	39.6	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	93	93635	20.0	20.0	
\$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	541370	50.0	50.2	
83 Toluene	91	4.940	4.940	0.000	92	273982	20.0	19.8	
84 Epichlorohydrin	57	4.976	4.976	0.000	99	57415	400.0	502.4	
85 2-Nitropropane	41	5.198	5.190	0.008	96	16072	40.0	28.2	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	66037	20.0	20.4	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	195862	100.0	105.9	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	80291	20.0	19.4	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	96	41074	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	57869	20.0	18.8	
91 Chlorodibromomethane	129	5.807	5.806	0.001	98	51870	20.0	19.5	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	86783	20.0	19.3	
93 Ethylene Dibromide	107	6.043	6.043	0.000	98	47112	20.0	19.5	
94 n-Butyl acetate	43	6.401	6.401	0.000	98	57754	20.0	17.0	
95 2-Hexanone	43	6.458	6.458	0.000	96	139014	100.0	101.1	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	444916	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	179245	20.0	20.6	
98 Ethylbenzene	106	6.831	6.831	0.000	98	100272	20.0	20.9	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	53766	20.0	19.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	121221	20.0	21.0	
101 o-Xylene	106	7.626	7.626	0.000	95	117322	20.0	21.8	
102 Bromoform	173	7.698	7.698	0.000	96	29555	20.0	19.9	
103 Styrene	104	7.719	7.719	0.000	97	188386	20.0	21.5	
104 n-Butyl acrylate	73	8.056	8.056	0.000	98	33707	20.0	19.0	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	310090	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	91	79439	20.0	17.4	
\$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	94	187520	50.0	52.7	
108 Bromobenzene	156	8.586	8.586	0.000	97	77681	20.0	19.2	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	378011	20.0	20.0	
110 1,1,1,2-Tetrachloroethane	83	8.894	8.894	0.000	96	57954	20.0	17.5	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	250635	20.0	18.9	
112 4-Ethyltoluene	105	8.930	8.930	0.000	98	314386	20.0	19.9	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	16188	20.0	17.4	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	254339	20.0	19.3	
115 trans-1,4-Dichloro-2-butene	53	9.159	9.166	-0.007	65	14038	20.0	16.0	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	226796	20.0	19.2	
117 tert-Butylbenzene	119	9.546	9.546	0.000	95	224378	20.0	20.6	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	261393	20.0	19.6	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	72737	20.0	19.4	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	342321	20.0	20.1	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	152942	20.0	19.9	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	287442	20.0	20.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	264843	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.248	0.000	96	160312	20.0	19.1	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	272081	20.0	19.4	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	271234	20.0	19.5	
127 Benzyl chloride	126	10.713	10.713	0.000	97	19723	20.0	21.6	
128 p-Diethylbenzene	119	10.728	10.727	0.001	94	147839	20.0	20.9	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	265346	20.0	20.1	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	147717	20.0	19.2	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	265351	20.0	20.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	93	10877	20.0	17.8	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	98	119236	20.0	20.2	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	103171	20.0	20.1	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	41627	20.0	21.8	
136 Naphthalene	128	13.120	13.127	-0.007	100	205838	20.0	19.8	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	88800	20.0	18.4	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 140 Xylenes, Total	100				0		40.0	42.8	
S 142 Total BTEX	1				0		100.0	104.0	

Reagents:

GASES Li_00383	Amount Added: 20.00	Units: uL	
ACROLEIN W_00111	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00124	Amount Added: 20.00	Units: uL	
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added: 1.00	Units: uL	Run Reagent



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 07/09/2020 03:47Analysis Batch Number: 706917 End Date: 07/09/2020 13:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-706917/1		07/09/2020 03:47	1	P76750.D	Rtx-624 0.25 (mm)
STD7 460-706917/3 IC		07/09/2020 04:40	1	P76752.D	Rtx-624 0.25 (mm)
STD5 460-706917/5 IC		07/09/2020 05:33	1	P76754.D	Rtx-624 0.25 (mm)
STD20 460-706917/6 ICIS		07/09/2020 05:59	1	P76755.D	Rtx-624 0.25 (mm)
STD50 460-706917/7 IC		07/09/2020 06:26	1	P76756.D	Rtx-624 0.25 (mm)
STD200 460-706917/8 IC		07/09/2020 06:52	1	P76757.D	Rtx-624 0.25 (mm)
STD500 460-706917/9 IC		07/09/2020 07:18	1	P76758.D	Rtx-624 0.25 (mm)
STD1 460-706917/17 IC		07/09/2020 12:29	1	P76766.D	Rtx-624 0.25 (mm)
ICV 460-706917/19		07/09/2020 13:40	1	P76768.D	Rtx-624 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Instrument ID: CVOAMS13 Start Date: 08/28/2020 08:24

Analysis Batch Number: 720234 End Date: 08/28/2020 16:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-720234/1		08/28/2020 08:24	1	P79024.D	Rtx-624 0.25 (mm)
CCVIS 460-720234/3		08/28/2020 09:09	1	P79026.D	Rtx-624 0.25 (mm)
LCS 460-720234/4		08/28/2020 09:32	1	P79027.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 09:55	1		Rtx-624 0.25 (mm)
MB 460-720234/9		08/28/2020 11:28	1	P79032.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 11:51	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 12:14	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 13:01	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 13:24	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 14:33	1		Rtx-624 0.25 (mm)
460-216706-3	TB_20200821	08/28/2020 14:56	1	P79041.D	Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 15:19	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 15:42	1		Rtx-624 0.25 (mm)
ZZZZZ		08/28/2020 16:05	1		Rtx-624 0.25 (mm)
460-216706-1	DEC3D2_20200820	08/28/2020 16:28	1	P79045.D	Rtx-624 0.25 (mm)
460-216706-2	DEC5D1_20200820	08/28/2020 16:51	1	P79046.D	Rtx-624 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00116	524freon 00024	8260 SP 00127	8260ISNEW 00129
BFB 460-706917/1		8260C		5 mL	5 mL				
STD7 460-706917/3 IC		8260C		5 mL	5 mL				1 uL
STD5 460-706917/5 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-706917/6 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-706917/7 IC		8260C		5 mL	5 mL		50 uL		1 uL
STD200 460-706917/8 IC		8260C		5 mL	5 mL				1 uL
STD500 460-706917/9 IC		8260C		5 mL	5 mL				1 uL
STD1 460-706917/17 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
ICV 460-706917/19		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C				1 uL			
STD5 460-706917/5 IC		8260C		10 uL	1 uL				4 uL
STD20 460-706917/6 ICIS		8260C		20 uL	1 uL				4 uL
STD50 460-706917/7 IC		8260C		50 uL	1 uL				10 uL
STD200 460-706917/8 IC		8260C			1 uL	20 uL			20 uL
STD500 460-706917/9 IC		8260C			1 uL	50 uL			40 uL
STD1 460-706917/17 IC		8260C		10 uL	1 uL				4 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00120	8260SURR250 00209	8FreonHi 00020	8FreonsSS 00021	ACROLEIN SP 00114	ACROLEIN W 00108
ICV 460-706917/19		8260C			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00075	BFB 00026	Ethanol mix 00041	GAS C SP 00363	GAS Hi 00365	GASES Li 00376
BFB 460-706917/1		8260C			1 uL				
STD7 460-706917/3 IC		8260C		20 uL					2.5 uL
STD5 460-706917/5 IC		8260C							10 uL
STD20 460-706917/6 ICIS		8260C							20 uL
STD50 460-706917/7 IC		8260C							50 uL
STD200 460-706917/8 IC		8260C				20 uL		20 uL	
STD500 460-706917/9 IC		8260C				50 uL		50 uL	
STD1 460-706917/17 IC		8260C							10 uL
ICV 460-706917/19		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
BFB 460-706917/1		8260C							
STD7 460-706917/3 IC		8260C							
STD5 460-706917/5 IC		8260C							
STD20 460-706917/6 ICIS		8260C							
STD50 460-706917/7 IC		8260C							
STD200 460-706917/8 IC		8260C		20 uL	20 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 706917 Batch Start Date: 07/09/20 03:47 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00100	MIX I Hi 00127				
STD500 460-706917/9 IC		8260C		50 uL	50 uL				
STD1 460-706917/17 IC		8260C							
ICV 460-706917/19		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 720234 Batch Start Date: 08/28/20 08:24 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00129	8260MIX1COMB 00124	8260SURR250 00211
BFB 460-720234/1		8260C		5 mL	5 mL				
CCVIS 460-720234/3		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-720234/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-720234/9		8260C		5 mL	5 mL		1 uL		1 uL
460-216706-B-3	TB_20200821	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216706-B-1	DEC3D2_20200820	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-216706-B-2	DEC5D1_20200820	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00111	BFB 00026	GASES Li 00383			
BFB 460-720234/1		8260C			1 uL				
CCVIS 460-720234/3		8260C		4 uL		20 uL			
LCS 460-720234/4		8260C		4 uL		20 uL			
MB 460-720234/9		8260C							
460-216706-B-3	TB_20200821	8260C	T						
460-216706-B-1	DEC3D2_20200820	8260C	T						
460-216706-B-2	DEC5D1_20200820	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.

8270D_SIM_MS_ID

Semivolatile Organic Compounds
(GC/MS SIM / Isotope Dilution)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216706-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
DEC3D2_20200820	460-216706-1	29
DEC5D1_20200820	460-216706-2	25
	MB 460-719672/1-A	28

DXE = 1,4-Dioxane-d8

QC LIMITS
10-150

Column to be used to flag recovery values

FORM II 8270D SIM ID

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-216706-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
	LCS 460-719672/2-A	27
	LCSD 460-719672/3-A	27

DXE = 1,4-Dioxane-d8

QC LIMITS
10-200

Column to be used to flag recovery values

FORM II 8270D SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: h259168.d

Lab ID: LCS 460-719672/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	1.85	116	10-200	
1,4-Dioxane-d8	32.0	8.59	27	10-200	

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.: 460-216706-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: h259169.d
 Lab ID: LCSD 460-719672/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	1.60	2.12	132	14	50	10-200	
1,4-Dioxane-d8	32.0	8.78	27			10-200	

Column to be used to flag recovery and RPD values
 FORM III 8270D SIM ID

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab File ID: h259167.d Lab Sample ID: MB 460-719672/1-A
 Matrix: Water Date Extracted: 08/26/2020 08:37
 Instrument ID: CBNAMS9 Date Analyzed: 08/27/2020 02:34
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-719672/2-A	h259168.d	08/27/2020 02:50
	LCSD 460-719672/3-A	h259169.d	08/27/2020 03:06
DEC3D2_20200820	460-216706-1	h259170.d	08/27/2020 03:22
DEC5D1_20200820	460-216706-2	h259171.d	08/27/2020 03:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab File ID: h255947.d DFTPP Injection Date: 05/07/2020
 Instrument ID: CBNAMS9 DFTPP Injection Time: 08:05
 Analysis Batch No.: 692766

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	47.4
68	Less than 2.0 % of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	37.6
70	Less than 2.0 % of mass 69	0.3 (0.7) 1
127	40.0 - 60.0 % of mass 198	48.8
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.1
275	10.0 - 30.0 % of mass 198	23.0
365	Greater than 1.0 % of mass 198	2.7
441	Present but less than mass 443	10.8 (81.6) 3
442	Greater than 40.0 % of mass 198	66.2
443	17.0 - 23.0 % of mass 442	13.2 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-692766/2	h255948.d	05/07/2020	8:20
	STD8 460-692766/3	h255949.d	05/07/2020	8:37
	STD7 460-692766/4	h255950.d	05/07/2020	8:53
	STD6 460-692766/5	h255951.d	05/07/2020	9:09
	STD4 460-692766/6	h255952.d	05/07/2020	9:25
	STD3 460-692766/7	h255953.d	05/07/2020	9:41
	STD2 460-692766/8	h255954.d	05/07/2020	9:57
	STD1 460-692766/9	h255955.d	05/07/2020	10:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab File ID: h259165.d DFTPP Injection Date: 08/27/2020
 Instrument ID: CBNAMS9 DFTPP Injection Time: 02:02
 Analysis Batch No.: 719855

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	45.0
68	Less than 2.0 % of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	37.5
70	Less than 2.0 % of mass 69	0.1 (0.2) 1
127	40.0 - 60.0 % of mass 198	45.1
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.4
275	10.0 - 30.0 % of mass 198	25.5
365	Greater than 1.0 % of mass 198	3.0
441	Present but less than mass 443	13.4 (77.7) 3
442	Greater than 40.0 % of mass 198	87.2
443	17.0 - 23.0 % of mass 442	17.2 (19.8) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-719855/2	h259166.d	08/27/2020	2:18
	MB 460-719672/1-A	h259167.d	08/27/2020	2:34
	LCS 460-719672/2-A	h259168.d	08/27/2020	2:50
	LCSD 460-719672/3-A	h259169.d	08/27/2020	3:06
DEC3D2_20200820	460-216706-1	h259170.d	08/27/2020	3:22
DEC5D1_20200820	460-216706-2	h259171.d	08/27/2020	3:38

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Sample No.: CCVIS 460-719855/2 Date Analyzed: 08/27/2020 02:18
 Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): h259166.d Heated Purge: (Y/N) N
 Calibration ID: 79804

		DCBd4					
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19341	5.27				
UPPER LIMIT		38682	5.77				
LOWER LIMIT		9671	4.77				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-719672/1-A		16372	5.27				
LCS 460-719672/2-A		15955	5.27				
LCSD 460-719672/3-A		16201	5.27				
460-216706-1	DEC3D2_20200820	18223	5.27				
460-216706-2	DEC5D1_20200820	16946	5.27				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC3D2_20200820 Lab Sample ID: 460-216706-1
 Matrix: Water Lab File ID: h259170.d
 Analysis Method: 8270D SIM ID Date Collected: 08/20/2020 14:05
 Extract. Method: 3510C Date Extracted: 08/26/2020 08:37
 Sample wt/vol: 250 (mL) Date Analyzed: 08/27/2020 03:22
 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.: 719855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.3		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	29		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259170.d
 Lims ID: 460-216706-E-1-A
 Client ID: DEC3D2_20200820
 Sample Type: Client
 Inject. Date: 27-Aug-2020 03:22:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-006
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: maheseep Date: 27-Aug-2020 14:51:34

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D 1 1,4-Dioxane-d8	96	1.618	1.611	0.007	9	18541	1.15	28.7	
2 1,4-Dioxane	88	1.649	1.641	0.008	15	937	0.1596		
* 4 1,4-Dichlorobenzene-d4	150	5.269	5.272	-0.003	1	18223	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259170.d

Injection Date: 27-Aug-2020 03:22:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: 460-216706-E-1-A

Lab Sample ID: 460-216706-1

Worklist Smp#: 6

Client ID: DEC3D2_20200820

Injection Vol: 5.0 ul

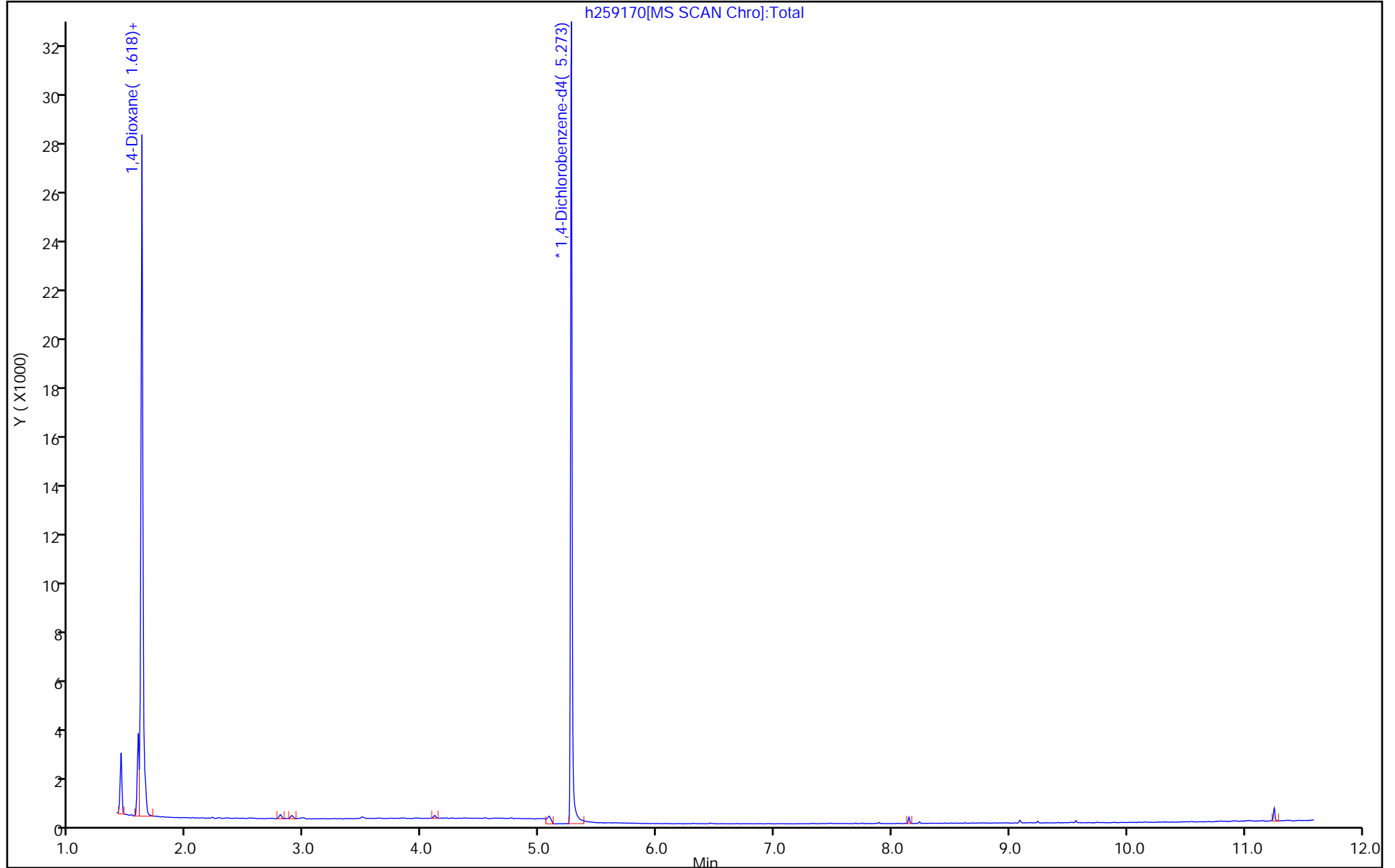
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259170.d

Injection Date: 27-Aug-2020 03:22:30

Instrument ID: CBNAMS9

Lims ID: 460-216706-E-1-A

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

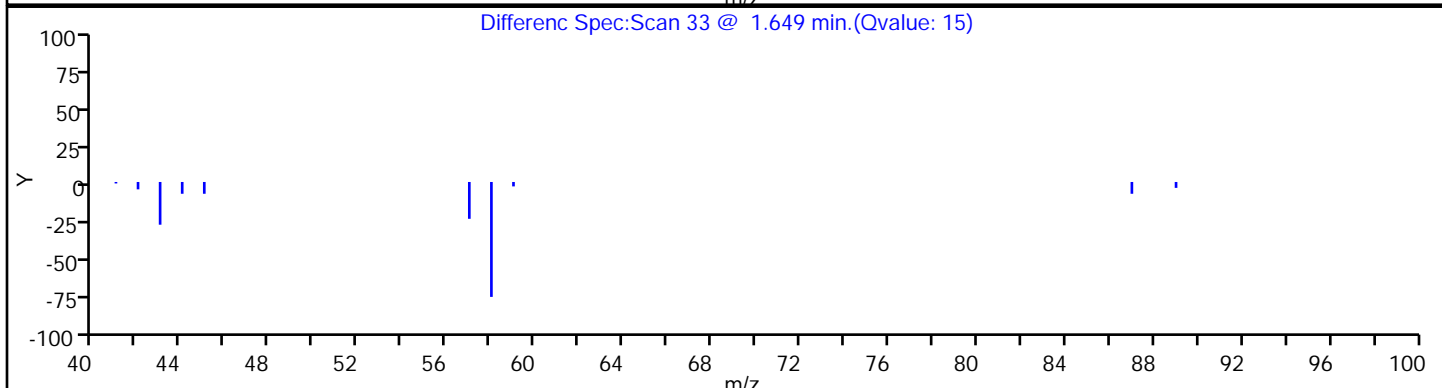
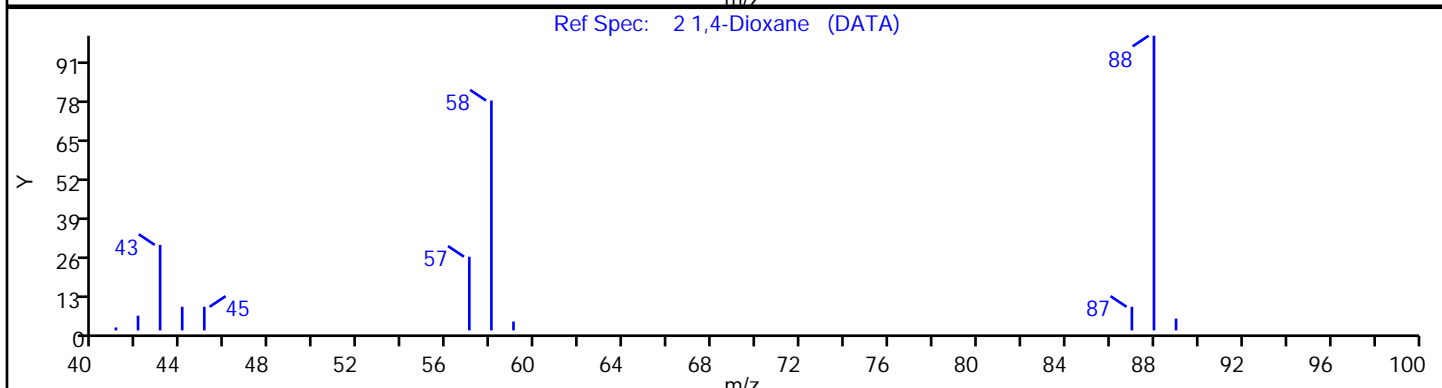
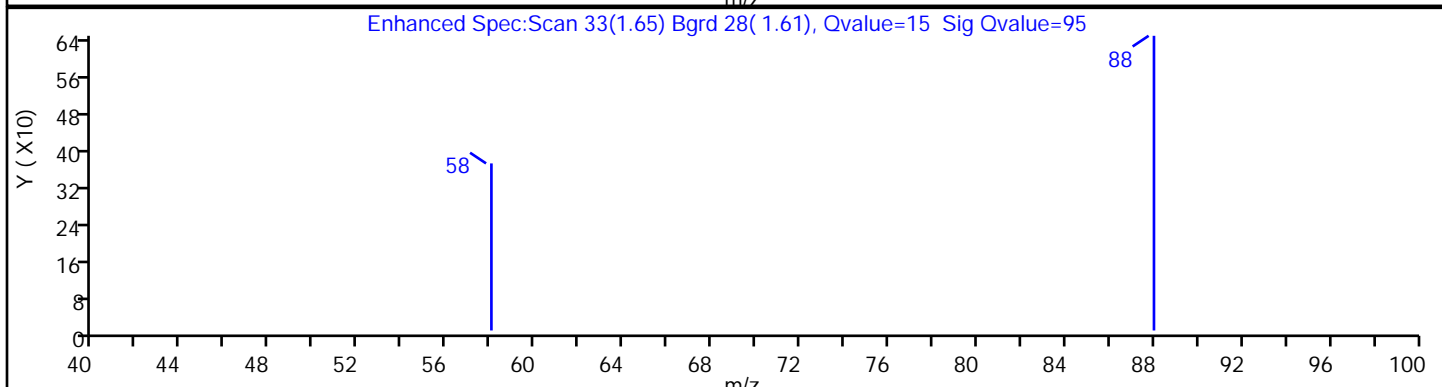
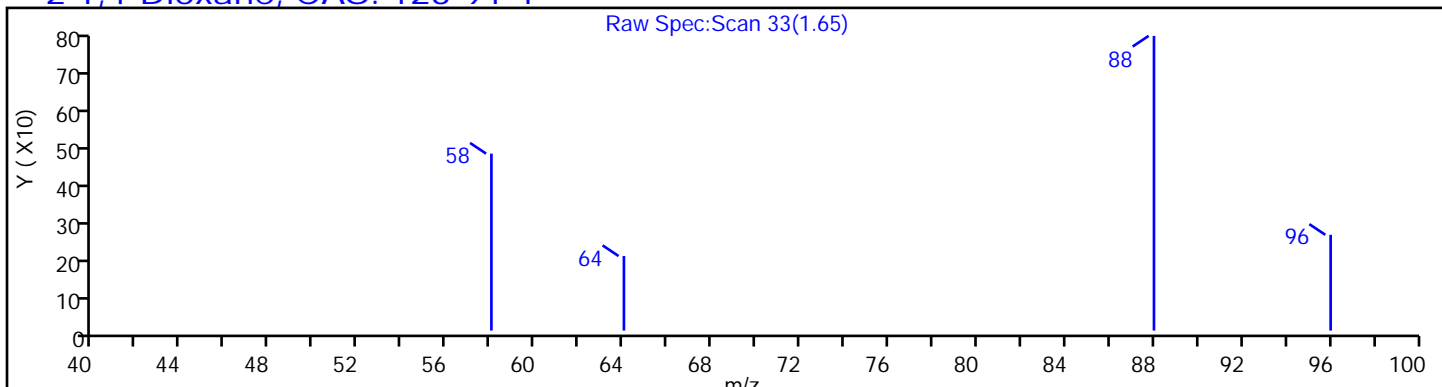
Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259170.d

Injection Date: 27-Aug-2020 03:22:30

Instrument ID: CBNAMS9

Lims ID: 460-216706-E-1-A

Lab Sample ID: 460-216706-1

Client ID: DEC3D2_20200820

Operator ID:

ALS Bottle#: 6

Worklist Smp#: 6

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

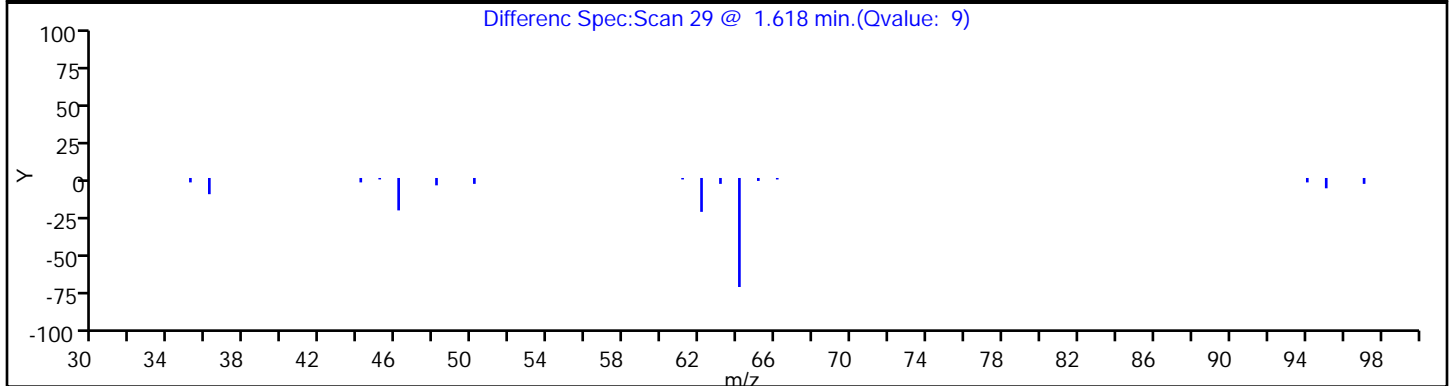
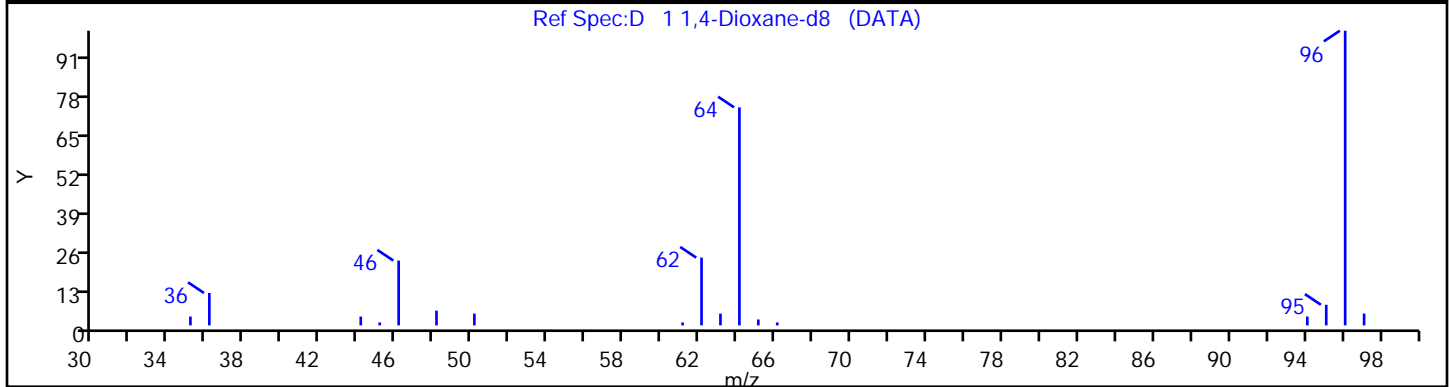
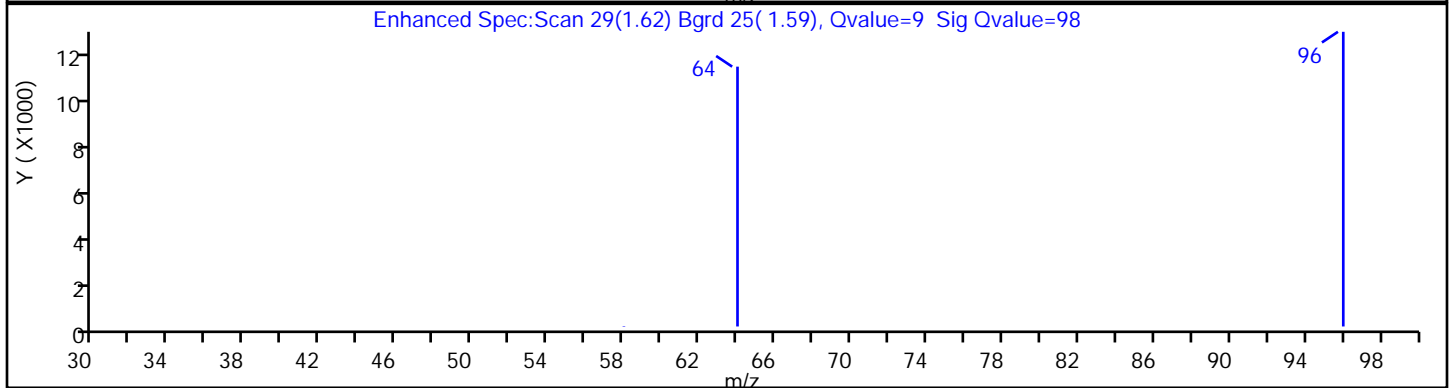
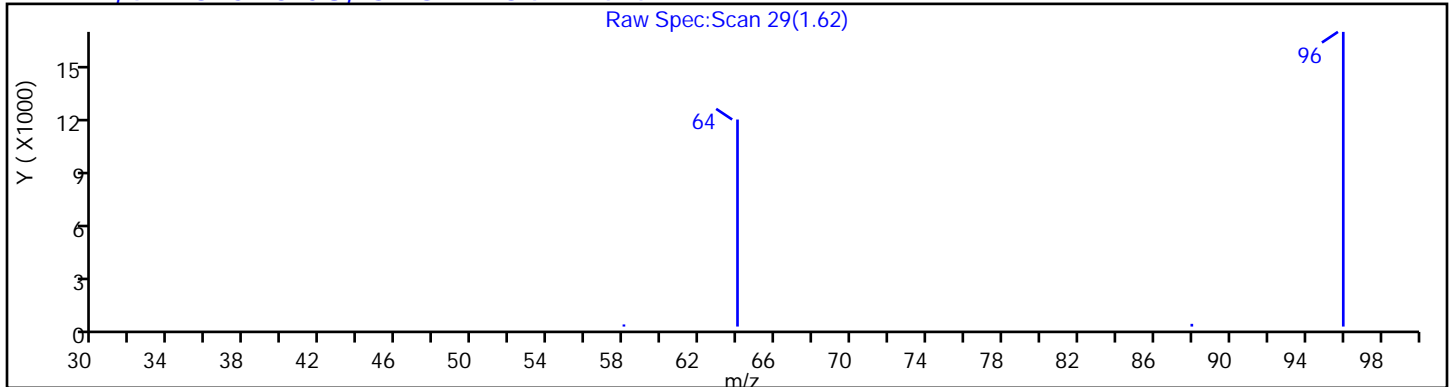
Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: DEC5D1_20200820 Lab Sample ID: 460-216706-2
 Matrix: Water Lab File ID: h259171.d
 Analysis Method: 8270D SIM ID Date Collected: 08/20/2020 15:55
 Extract. Method: 3510C Date Extracted: 08/26/2020 08:37
 Sample wt/vol: 250 (mL) Date Analyzed: 08/27/2020 03:38
 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.: 719855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	6.2		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	25		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259171.d
 Lims ID: 460-216706-D-2-A
 Client ID: DEC5D1_20200820
 Sample Type: Client
 Inject. Date: 27-Aug-2020 03:38:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-007
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: maheseep Date: 27-Aug-2020 15:24:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D 1 1,4-Dioxane-d8	96	1.618	1.611	0.007	12	14955	0.99	24.9	
2 1,4-Dioxane	88	1.641	1.641	0.000	18	3685	0.7782		
* 4 1,4-Dichlorobenzene-d4	150	5.272	5.272	0.000	1	16946	0.2000		

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259171.d

Injection Date: 27-Aug-2020 03:38:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: 460-216706-D-2-A

Lab Sample ID: 460-216706-2

Worklist Smp#: 7

Client ID: DEC5D1_20200820

Injection Vol: 5.0 ul

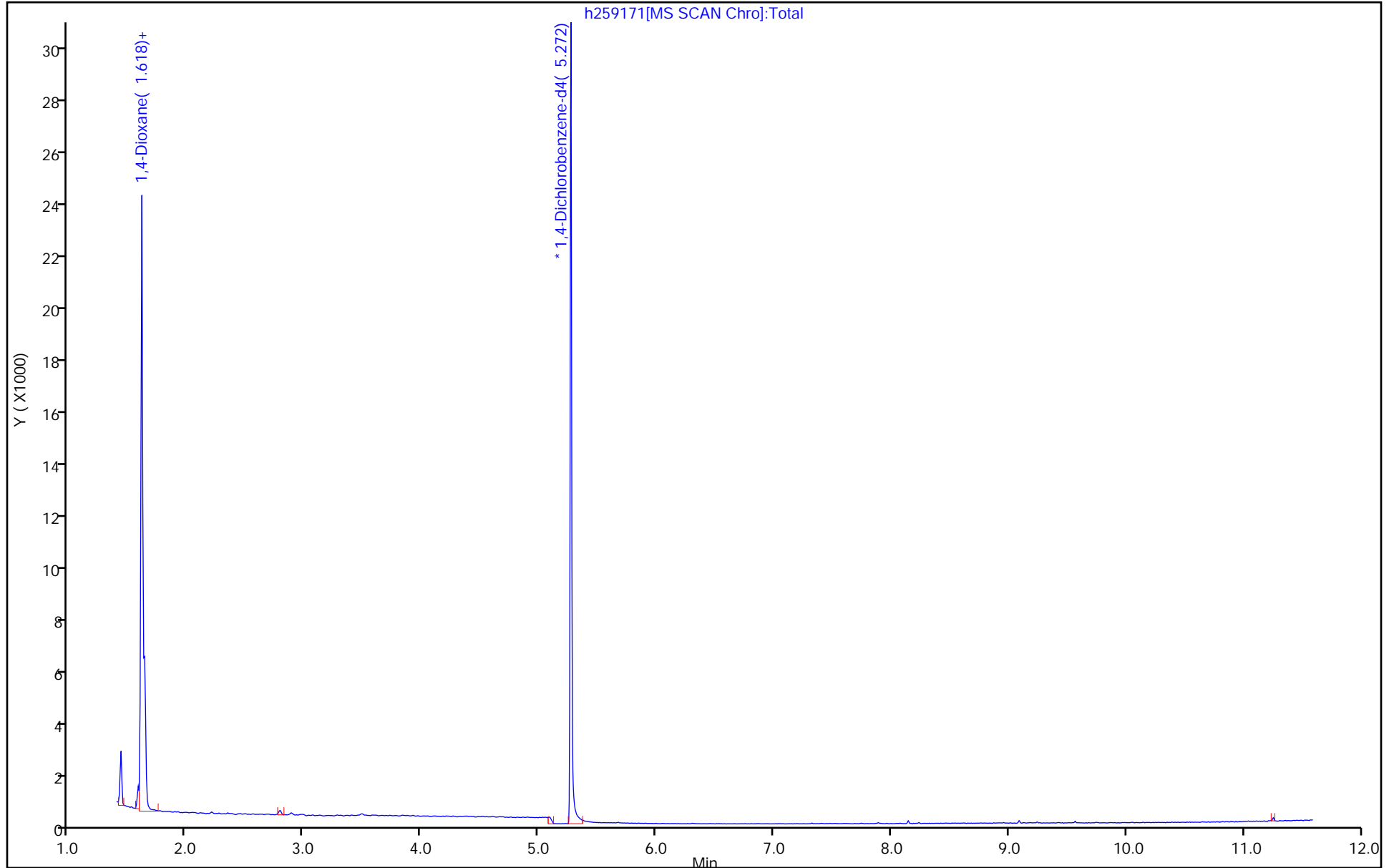
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259171.d

Injection Date: 27-Aug-2020 03:38:30

Instrument ID: CBNAMS9

Lims ID: 460-216706-D-2-A

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

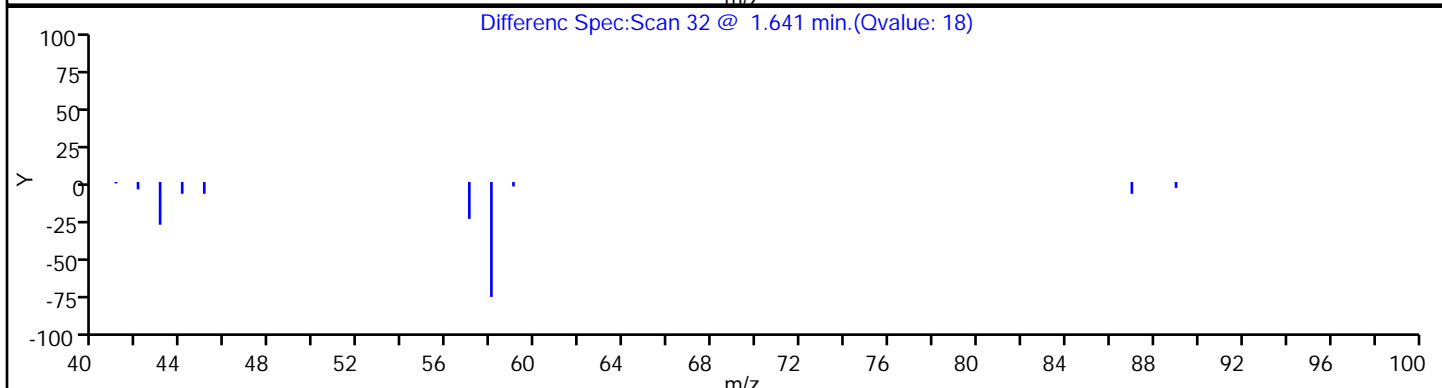
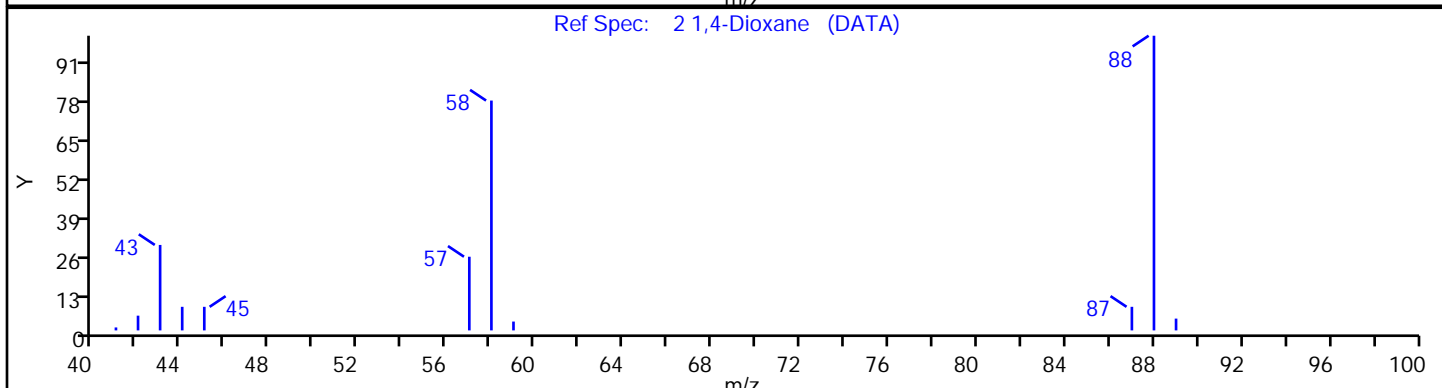
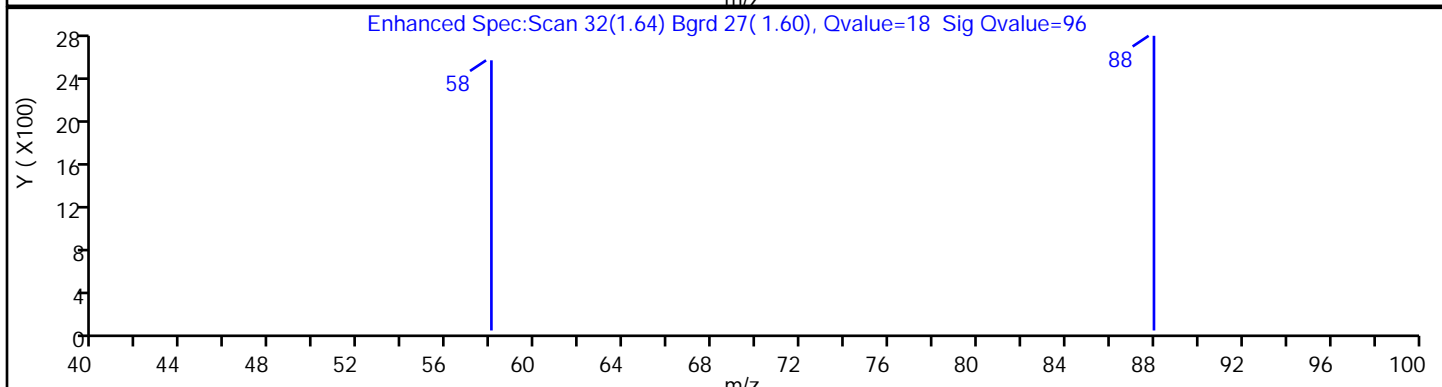
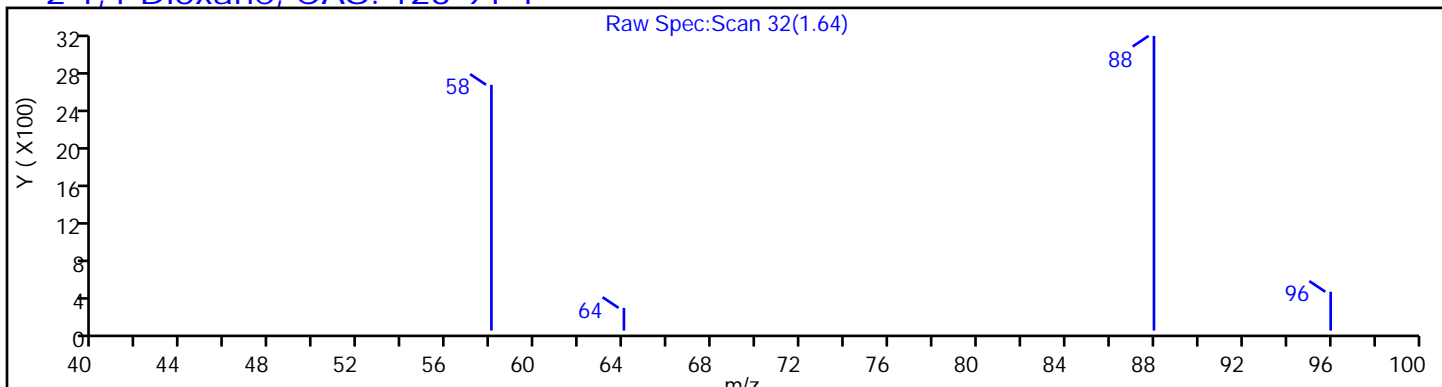
Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259171.d

Injection Date: 27-Aug-2020 03:38:30

Instrument ID: CBNAMS9

Lims ID: 460-216706-D-2-A

Lab Sample ID: 460-216706-2

Client ID: DEC5D1_20200820

Operator ID:

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

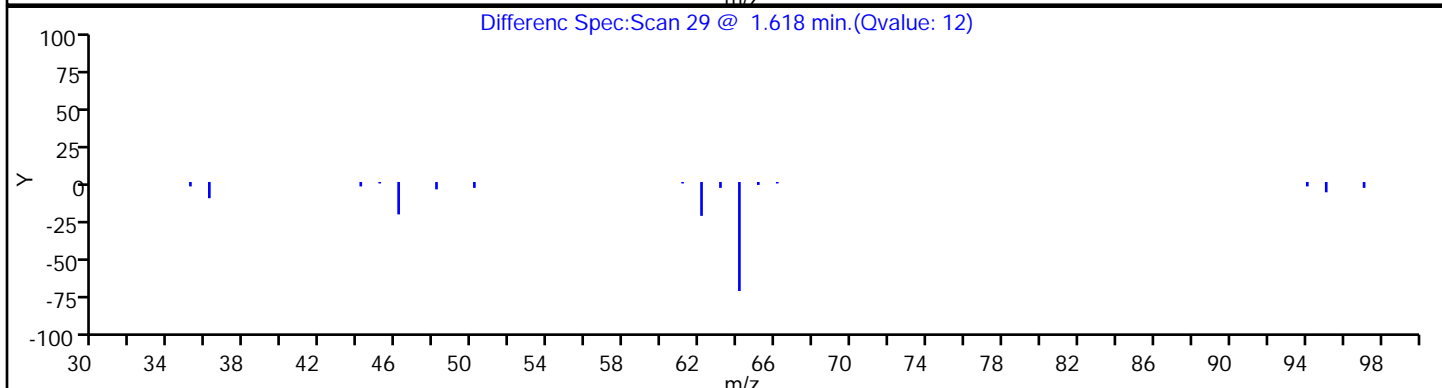
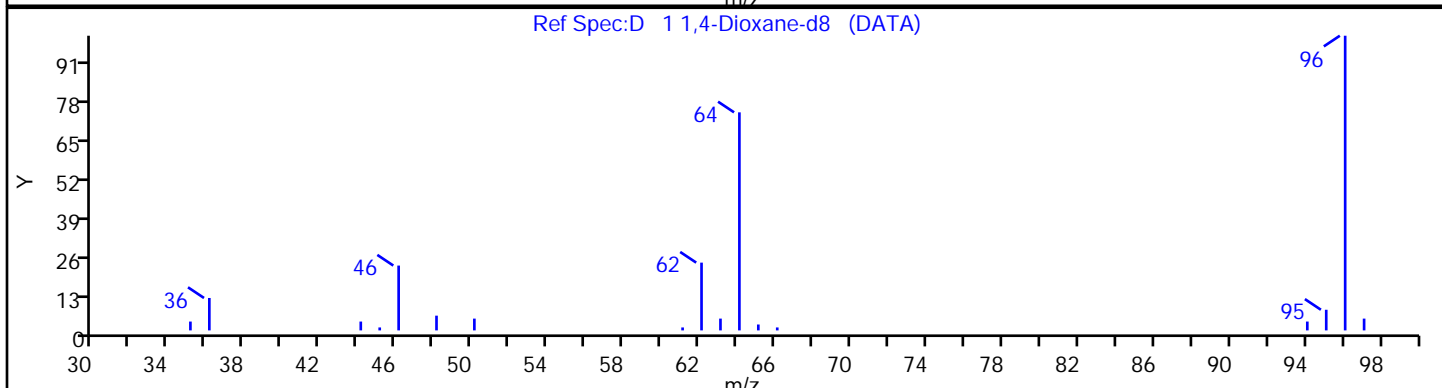
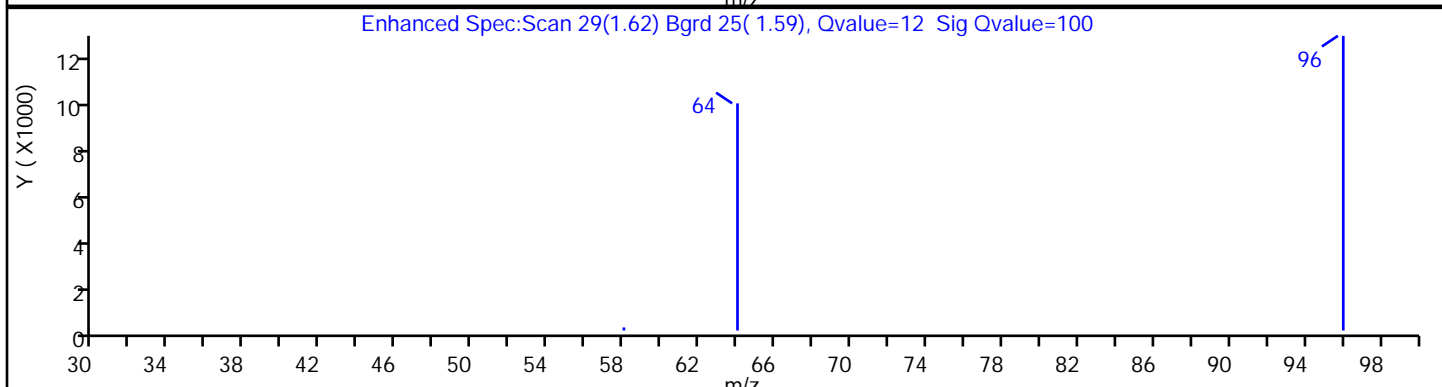
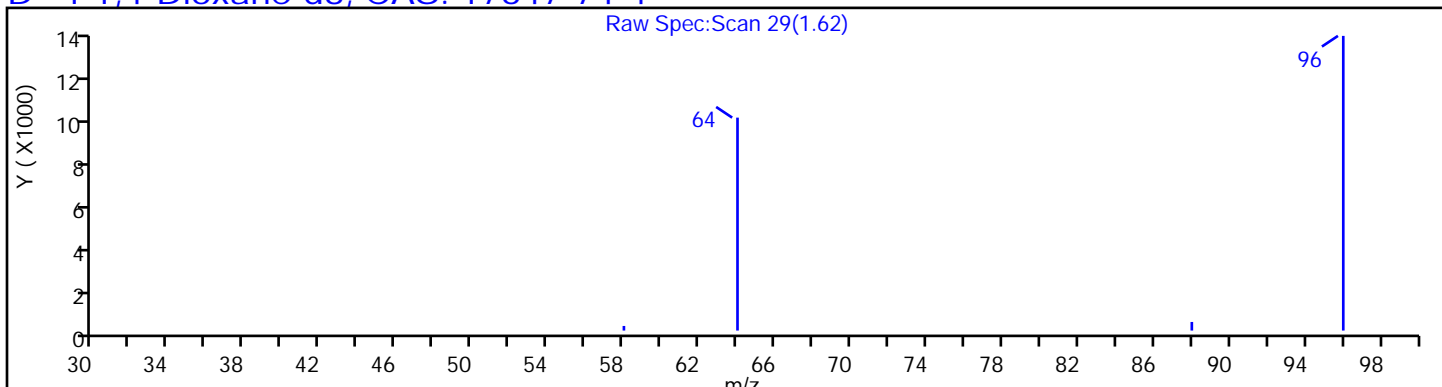
Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1 Analy Batch No.: 692766

SDG No.: _____

Instrument ID: CBNAM9 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2020 08:20 Calibration End Date: 05/07/2020 10:13 Calibration ID: 79804

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-692766/9	h255955.d
Level 2	STD2 460-692766/8	h255954.d
Level 3	STD3 460-692766/7	h255953.d
Level 4	STD4 460-692766/6	h255952.d
Level 5	ICIS 460-692766/2	h255948.d
Level 6	STD6 460-692766/5	h255951.d
Level 7	STD7 460-692766/4	h255950.d
Level 8	STD8 460-692766/3	h255949.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	1.3225	1.4209	1.2484	1.2148	1.3095	AveID		1.2665			6.2		50.0				
1,4-Dioxane-d8	0.1812	0.1809	0.1762	0.1794	0.1664	Ave		0.1774			2.9		50.0				
	0.1792	0.1822	0.1741														

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.: 460-216706-1 Analy Batch No.: 692766

SDG No.: _____

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/07/2020 08:20 Calibration End Date: 05/07/2020 10:13 Calibration ID: 79804

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-692766/9	h255955.d
Level 2	STD2 460-692766/8	h255954.d
Level 3	STD3 460-692766/7	h255953.d
Level 4	STD4 460-692766/6	h255952.d
Level 5	ICIS 460-692766/2	h255948.d
Level 6	STD6 460-692766/5	h255951.d
Level 7	STD7 460-692766/4	h255950.d
Level 8	STD8 460-692766/3	h255949.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
			LVL 6	LVL 7	LVL 8			LVL 6	LVL 7	LVL 8		
1,4-Dioxane		AveID	354 16286	815 32753	1745 167276	3453	8365	0.0200 1.00	0.0400 2.00	0.100 10.0	0.200	0.500
1,4-Dioxane-d8	DCBd 4	Ave	53533 54323	57359 54432	55911 55156	56849	51103	4.00 4.00	4.00 4.00	4.00 4.00	4.00	4.00

Curve Type Legend:

Ave = Average ISTD
AveID = Average isotope dilution

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255948.d
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 07-May-2020 08:20:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-002
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:22 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 08:35:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	10	51103	4.00	3.75	
2 1,4-Dioxane	88	2.111	2.111	0.000	19	8365	0.5000	0.5170	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	15357	0.2000	0.2000	

Reagents:

SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255948.d

Injection Date: 07-May-2020 08:20:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: icis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

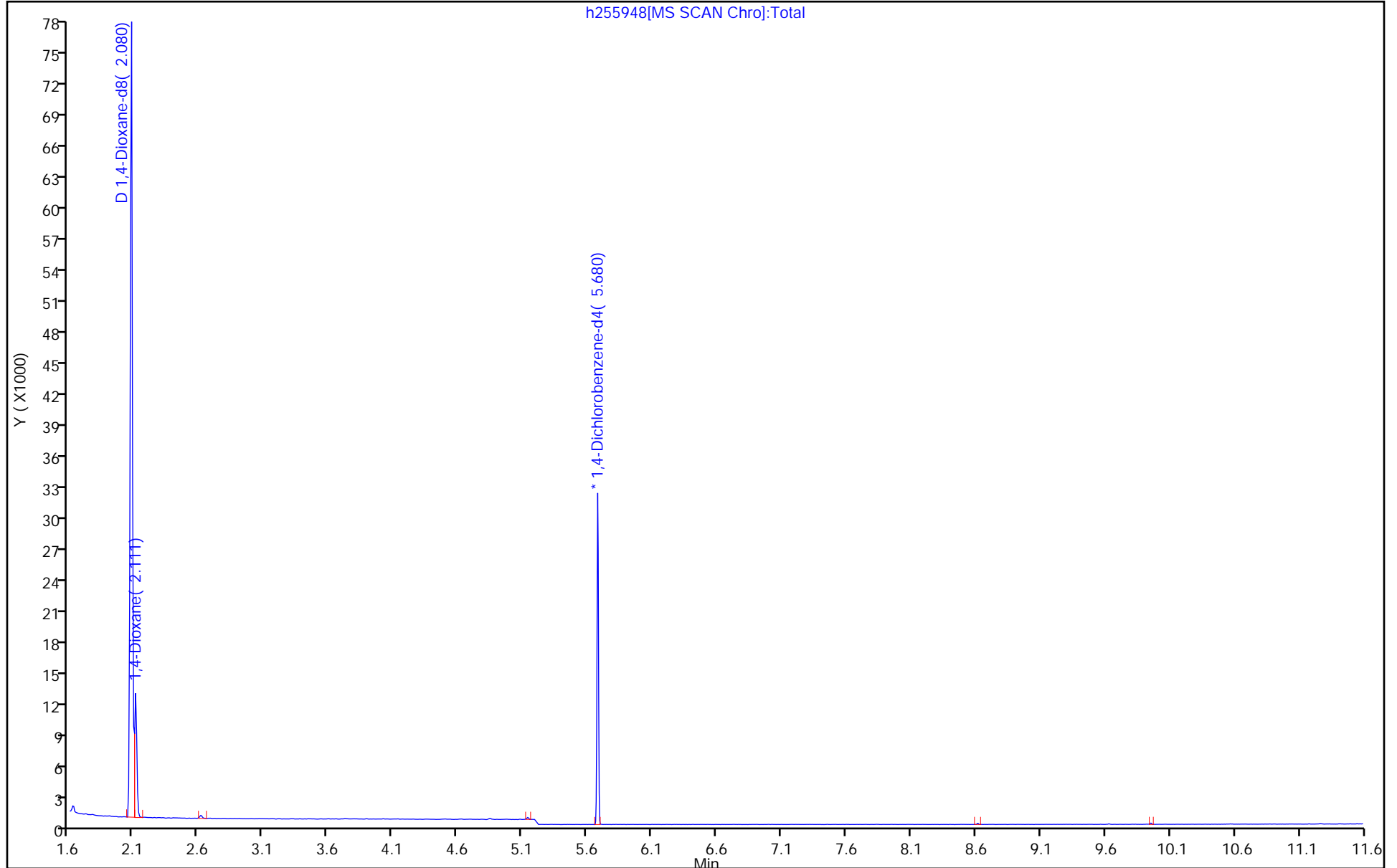
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255949.d
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 07-May-2020 08:37:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-003
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:22 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 09:04:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	9	55156	4.00	3.92	
2 1,4-Dioxane	88	2.104	2.111	-0.007	16	167276	10.0	9.58	
* 4 1,4-Dichlorobenzene-d4	150	5.681	5.680	0.001	1	15839	0.2000	0.2000	

Reagents:

SM_ISOTOPL8_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255949.d

Injection Date: 07-May-2020 08:37:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD8

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

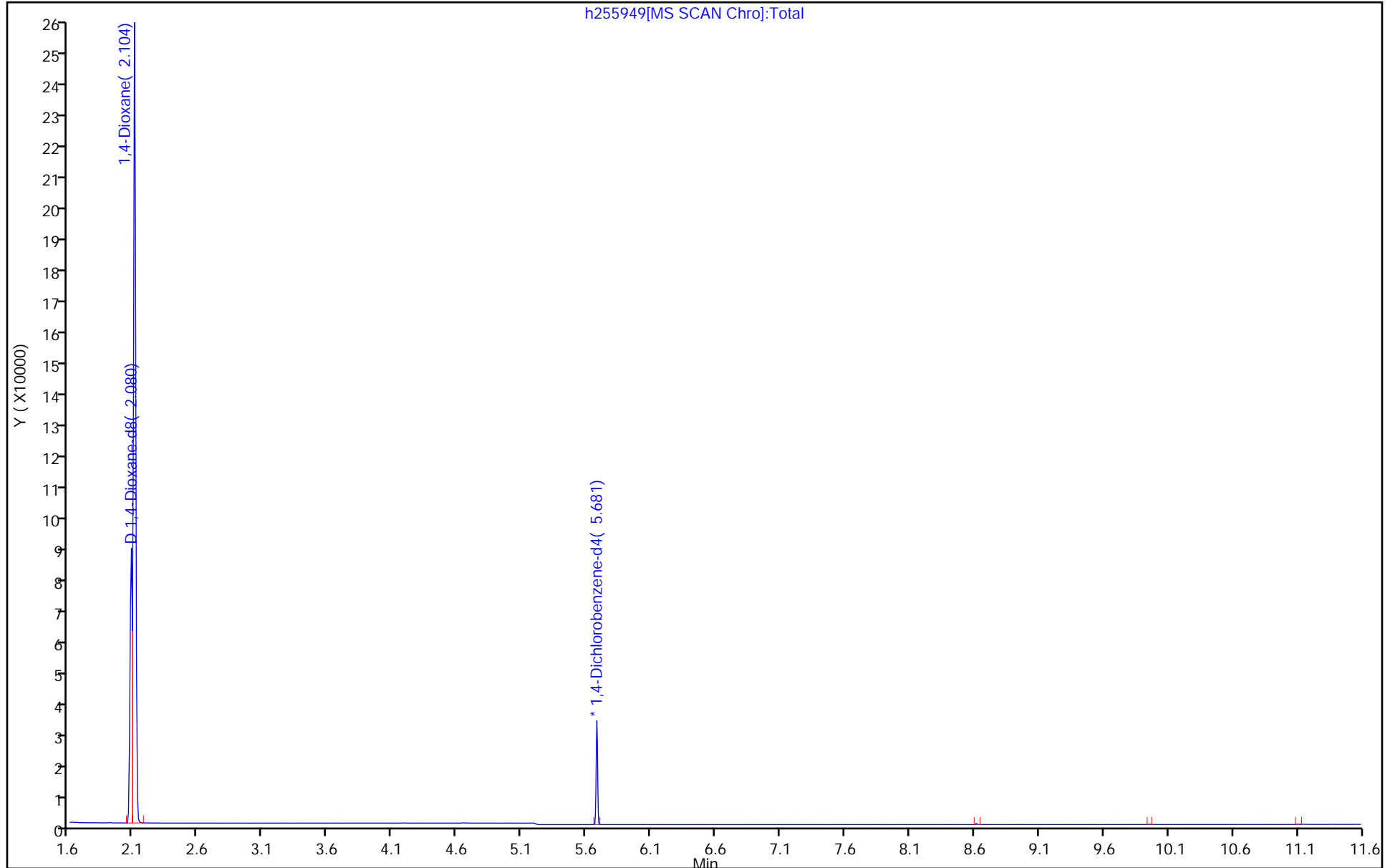
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255950.d
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 07-May-2020 08:53:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-004
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:23 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 09:21:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	10	54432	4.00	4.11	
2 1,4-Dioxane	88	2.111	2.111	0.000	19	32753	2.00	1.90	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	14941	0.2000	0.2000	

Reagents:

SM_ISOTOPL7_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255950.d

Injection Date: 07-May-2020 08:53:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD7

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

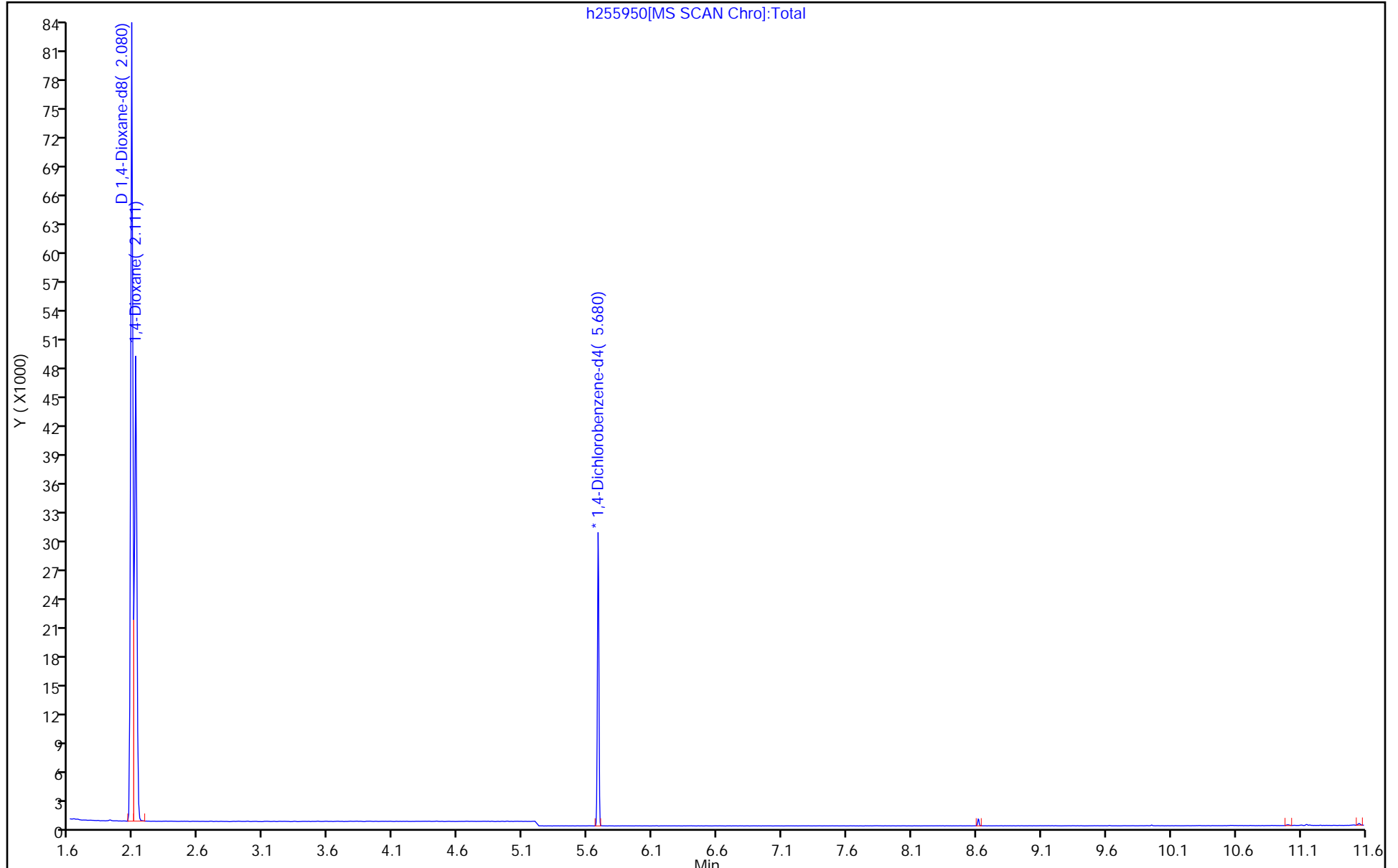
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255951.d
 Lims ID: STD6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 07-May-2020 09:09:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-005
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:23 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1

Date: 07-May-2020 10:21:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	13	54323	4.00	4.04	
2 1,4-Dioxane	88	2.111	2.111	0.000	18	16286	1.00	0.9469	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	15158	0.2000	0.2000	

Reagents:

SM_ISOTOPL6_00007

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255951.d

Injection Date: 07-May-2020 09:09:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD6

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

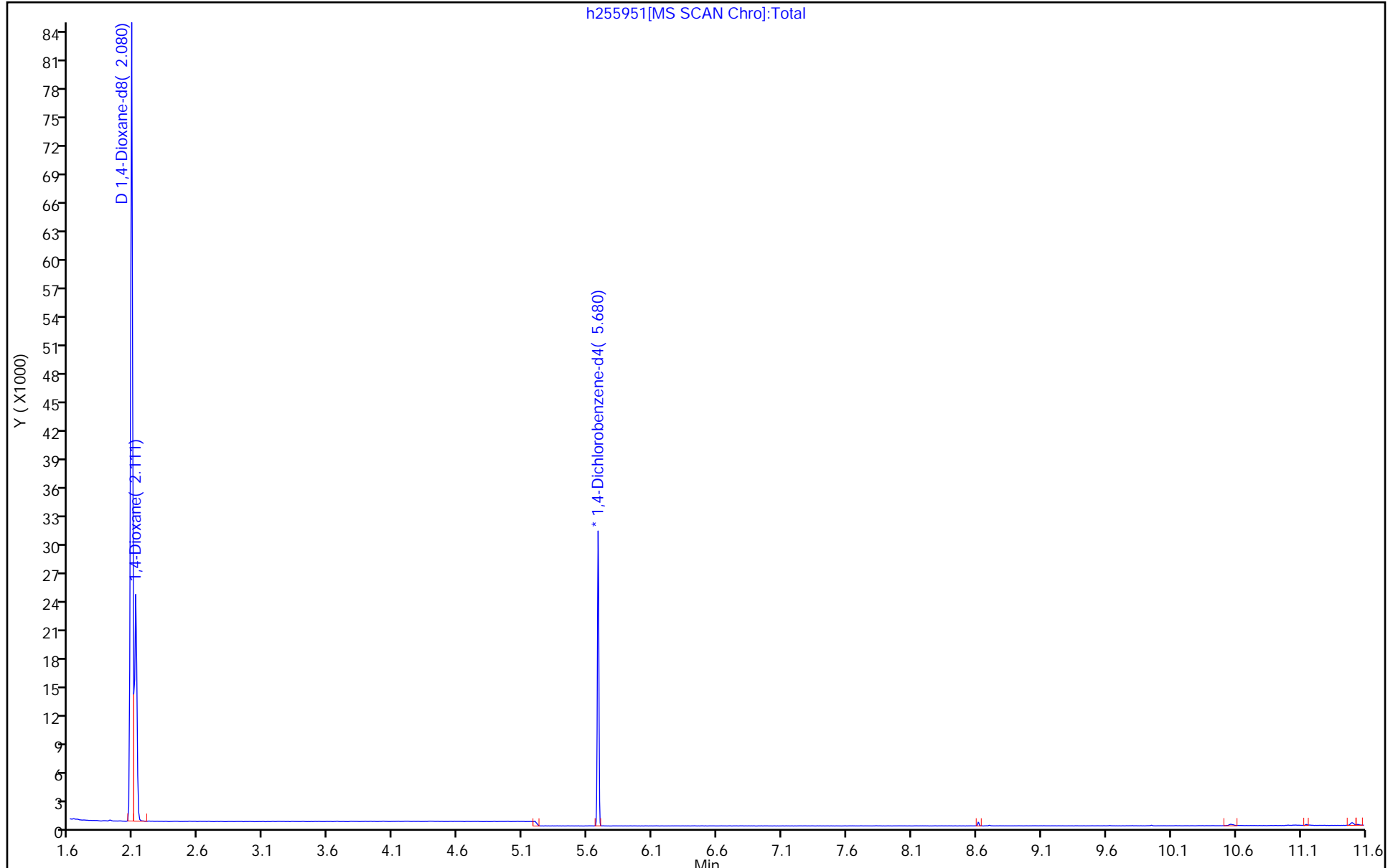
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255952.d
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-May-2020 09:25:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-006
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:23 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 10:21:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	12	56849	4.00	4.04	
2 1,4-Dioxane	88	2.119	2.111	0.008	16	3453	0.2000	0.1918	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	15842	0.2000	0.2000	

Reagents:

SM_ISOTOPL4_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255952.d

Injection Date: 07-May-2020 09:25:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD4

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

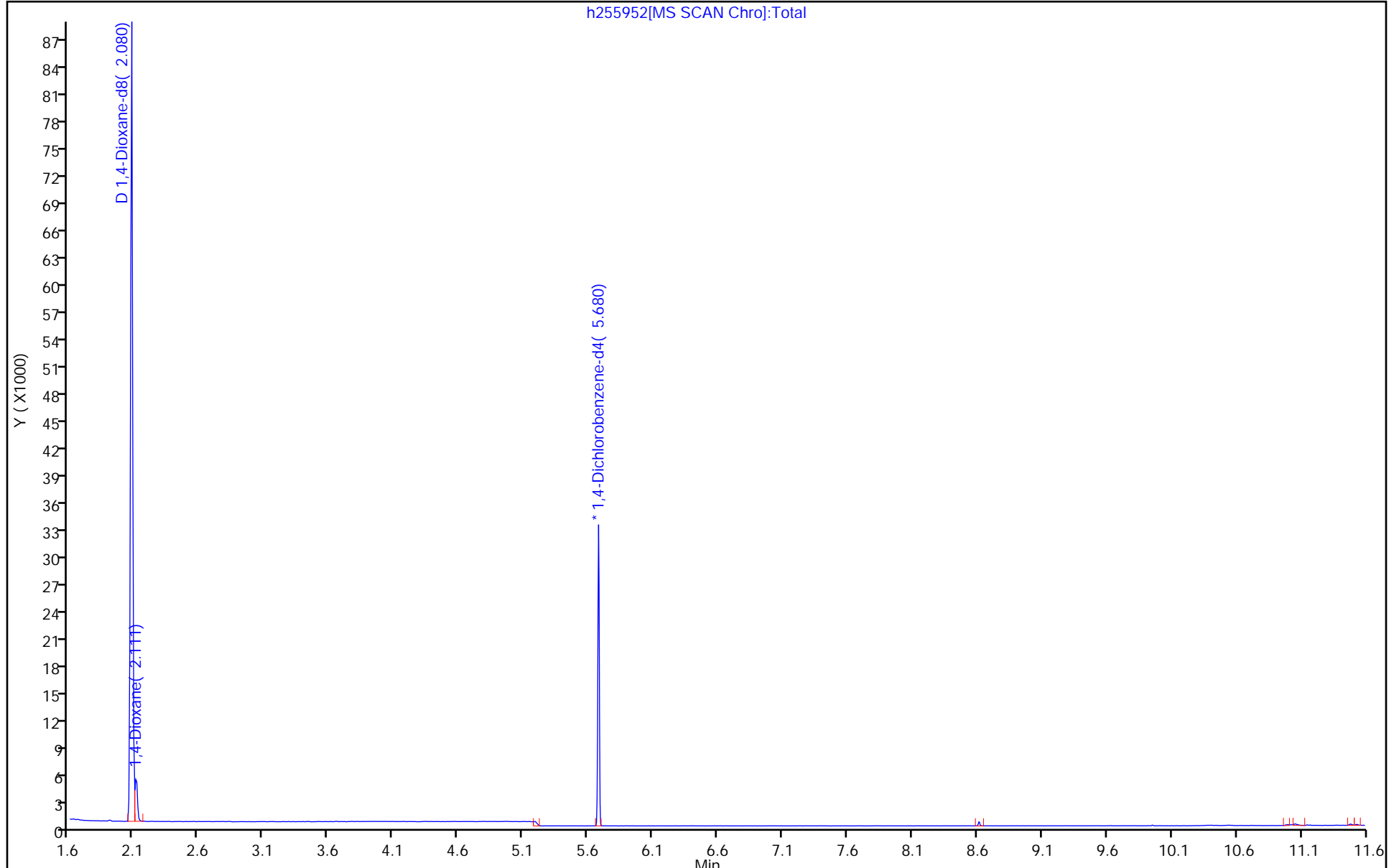
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255953.d
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-May-2020 09:41:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-007
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:24 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 10:21:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	10	55911	4.00	3.97	
2 1,4-Dioxane	88	2.119	2.119	0.000	20	1745	0.1000	0.0986	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	15867	0.2000	0.2000	

Reagents:

SM_ISOTOPL3_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255953.d

Injection Date: 07-May-2020 09:41:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD3

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

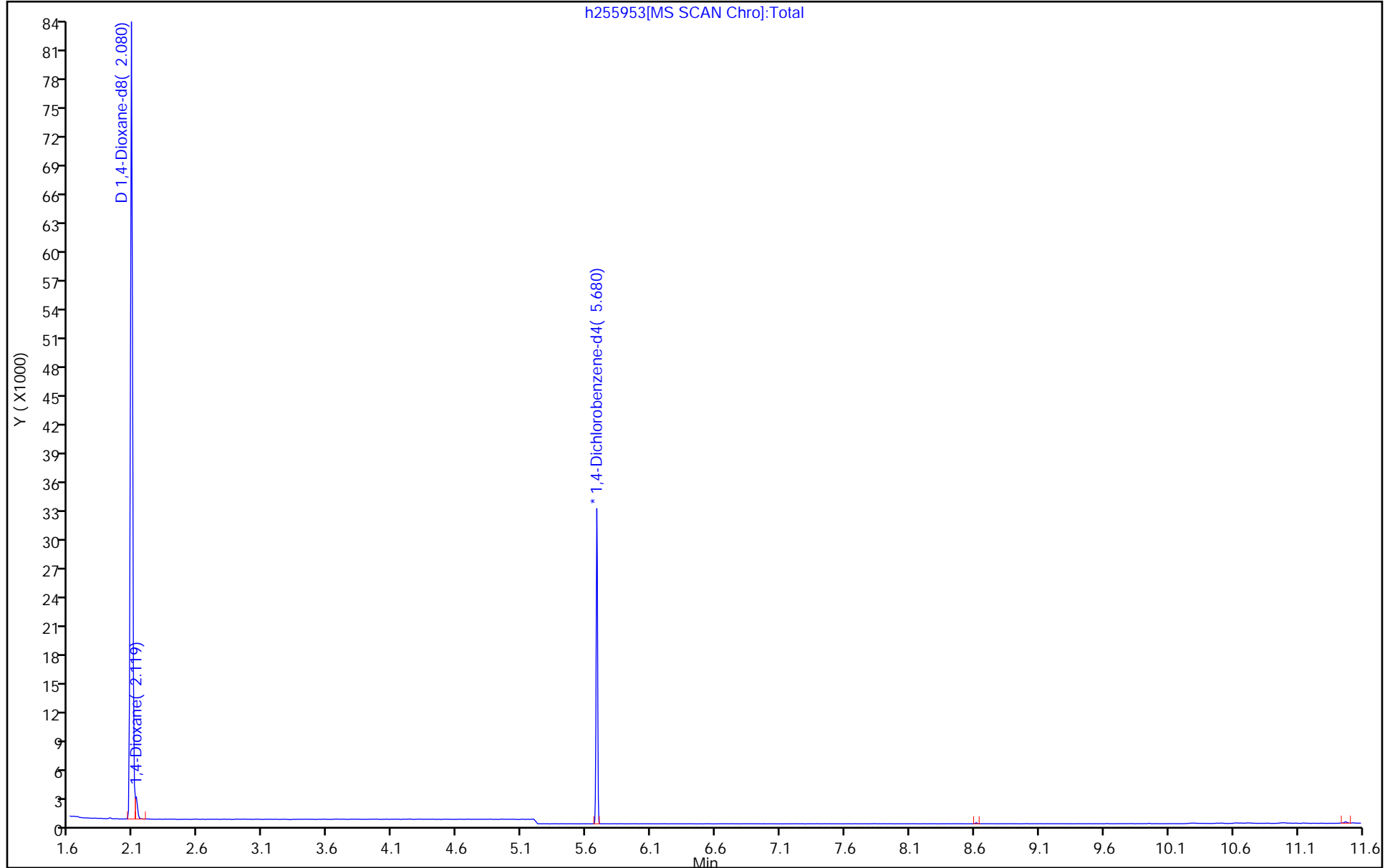
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



h255953[MS SCAN Chroj:Total

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255954.d
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-May-2020 09:57:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-008
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:24 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 10:21:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	6	57359	4.00	4.08	
2 1,4-Dioxane	88	2.119	2.119	0.000	18	815	0.0400	0.0449	
* 4 1,4-Dichlorobenzene-d4	150	5.681	5.680	0.001	1	15851	0.2000	0.2000	

Reagents:

SM_ISOTOPL2_00006 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255954.d

Injection Date: 07-May-2020 09:57:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD2

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

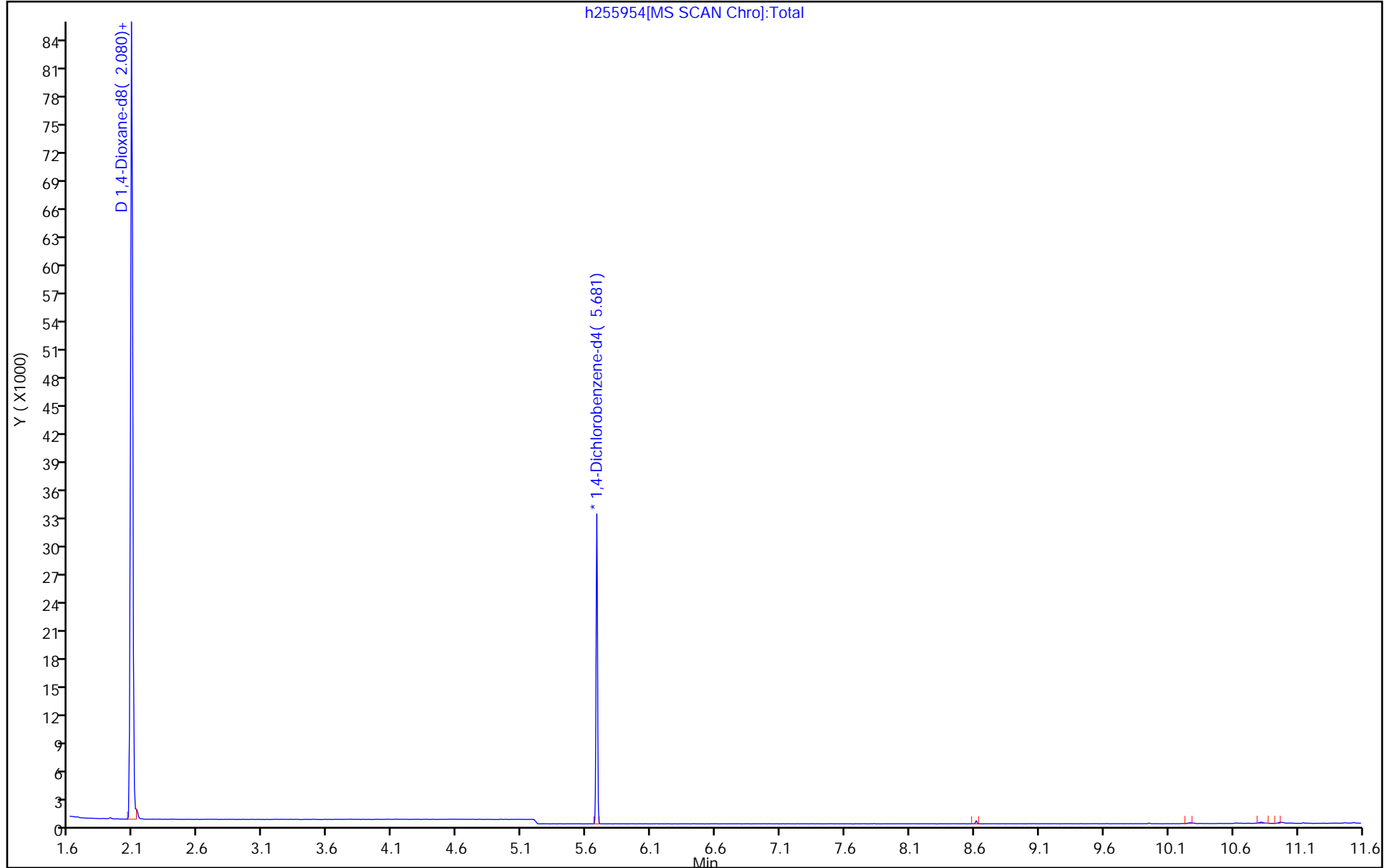
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-May-2020 10:13:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-009
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:24 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

First Level Reviewer: johnstonm1 Date: 07-May-2020 10:27:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.080	2.080	0.000	13	53533	4.00	4.08	
2 1,4-Dioxane	88	2.119	2.119	0.000	9	354	0.0200	0.0209	
* 4 1,4-Dichlorobenzene-d4	150	5.680	5.680	0.000	1	14772	0.2000	0.2000	

Reagents:

SM_ISOTOPL1_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d

Injection Date: 07-May-2020 10:13:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD1

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

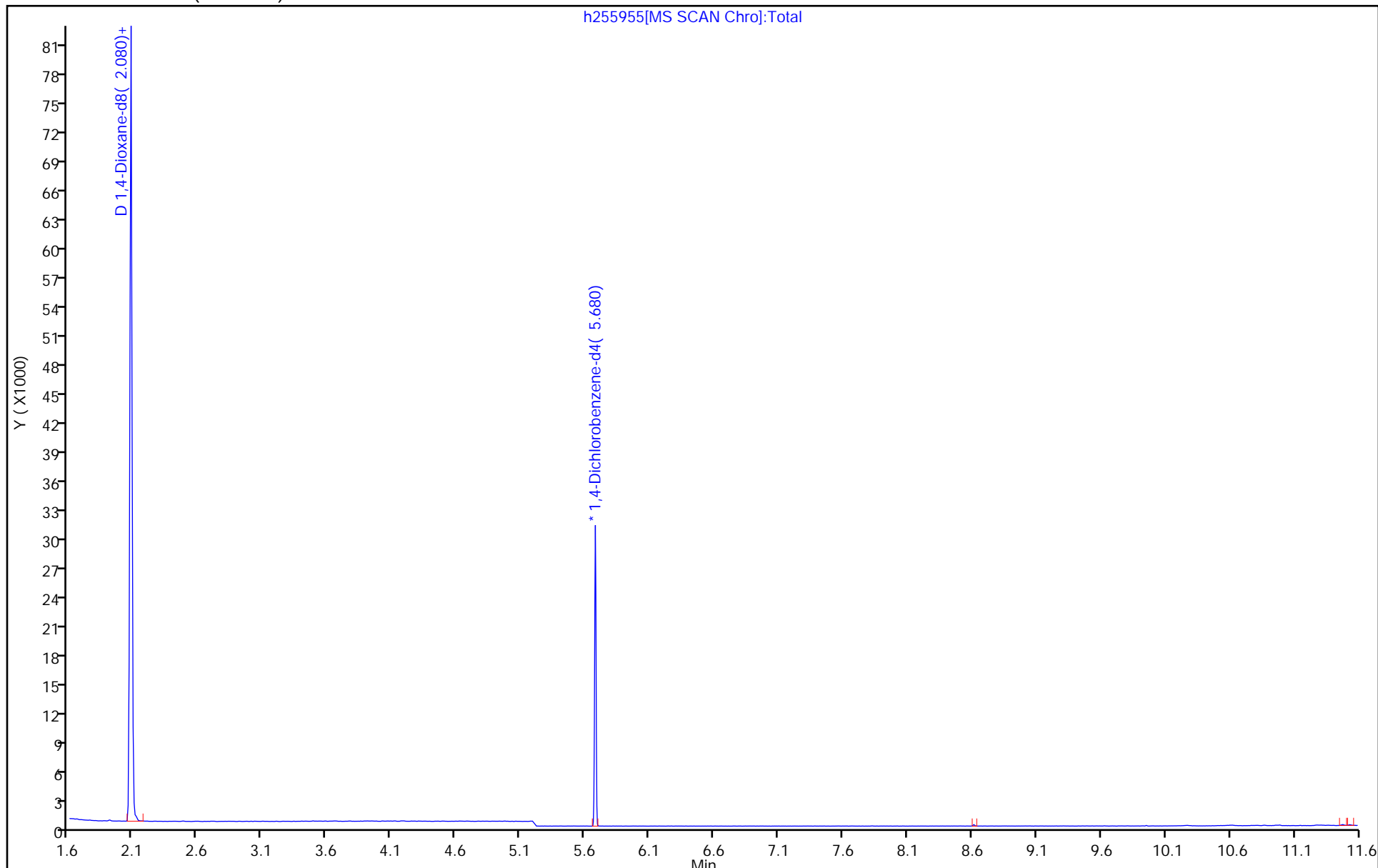
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



h255955[MS SCAN Chrom]:Total

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-719855/2 Calibration Date: 08/27/2020 02:18
 Instrument ID: CBNAMS9 Calib Start Date: 05/07/2020 08:20
 GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 05/07/2020 10:13
 Lab File ID: h259166.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.266	1.223		483	500	-3.5	50.0
1,4-Dioxane-d8	Ave	0.1774	0.1692		3810	4000	-4.7	50.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259166.d
 Lims ID: ccvis
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 27-Aug-2020 02:18:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-002
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: eisam Date: 27-Aug-2020 02:39:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.611	1.611	0.000	12	65432	4.00	3.81	
2 1,4-Dioxane	88	1.641	1.641	0.000	15	10000	0.5000	0.4827	
* 4 1,4-Dichlorobenzene-d4	150	5.272	5.272	0.000	1	19341	0.2000	0.2000	

Reagents:

SM_ISOTOPL5_00007 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259166.d

Injection Date: 27-Aug-2020 02:18:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: ccvis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

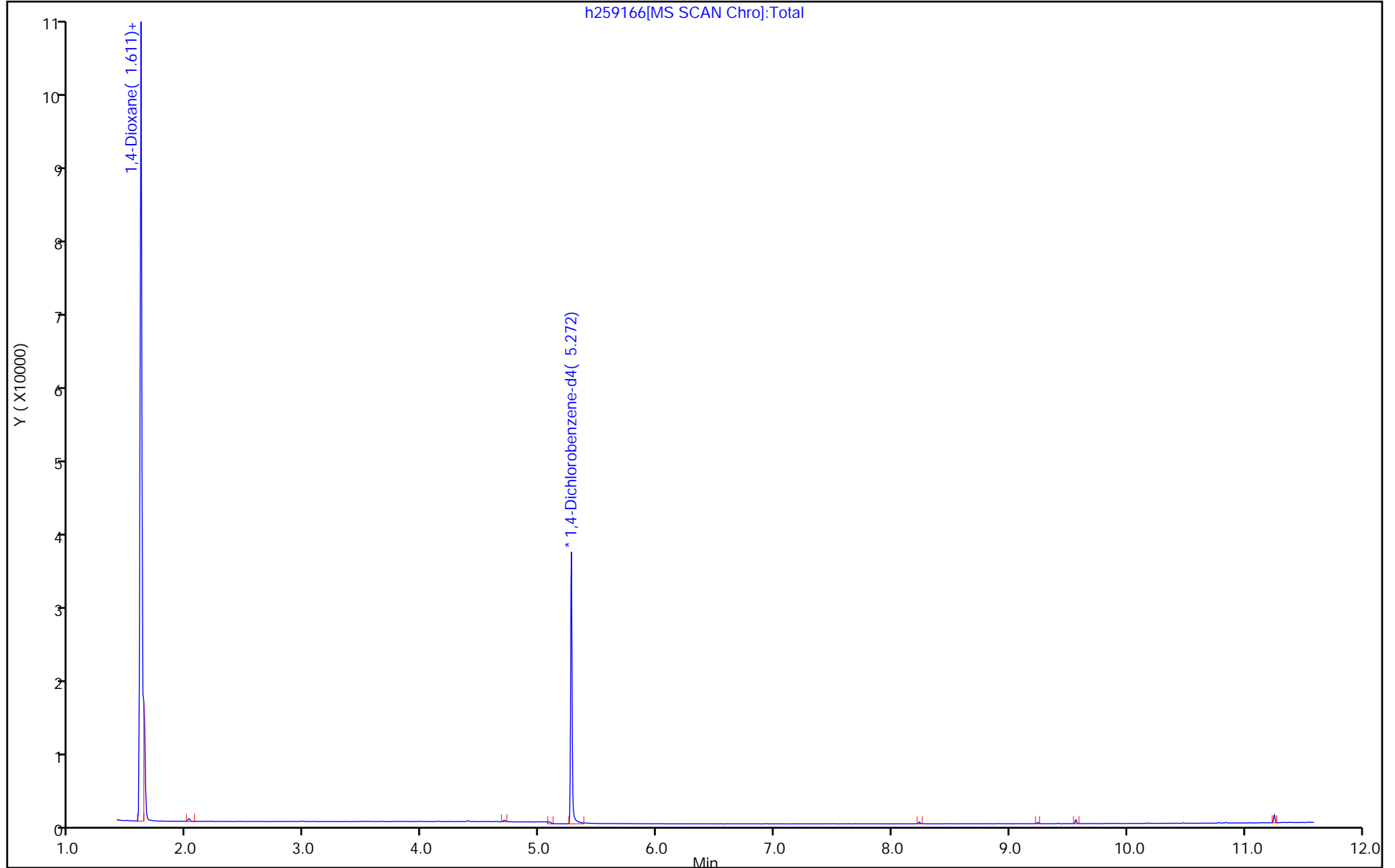
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 07-May-2020 08:05:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109745-001
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 07-May-2020 11:12:20 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1033

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
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3 DFTPP

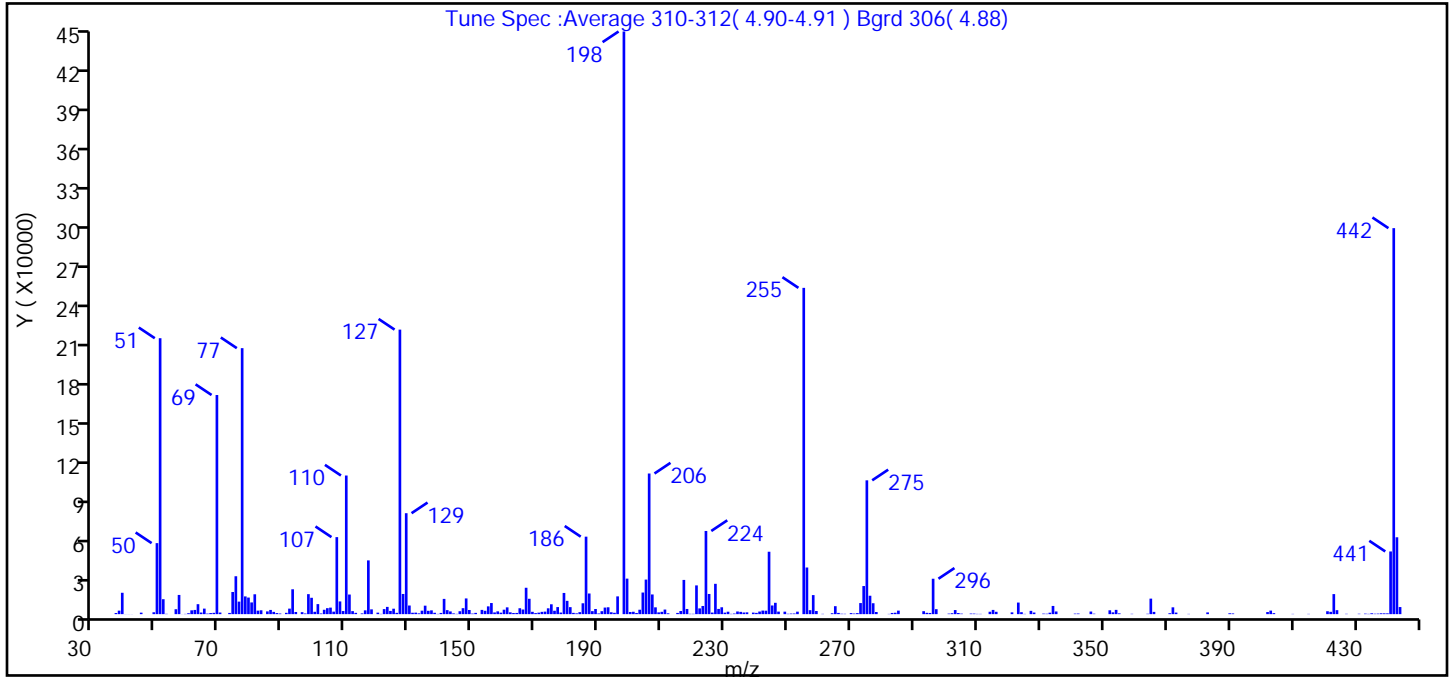
Reagents:

SMDFTP_CH_00030 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d
 Injection Date: 07-May-2020 08:05:30 Instrument ID: CBNAMS9
 Lims ID: DFTPP
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
 Tune Method: DFTPP Method 8270

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	47.4
68	<2% of mass 69	0.2 (0.6)
69	Present	37.6
70	<2% of mass 69	0.3 (0.7)
127	40-60% of mass 198	48.8
197	<1% of mass 198	0.0
199	5-9% of mass 198	6.1
275	10-30% of mass 198	23.0
365	>1% of mass 198	2.7
441	Present but less than mass 443	10.8 (81.6)
442	>40% of mass 198	66.2
443	17-23% of mass 442	13.2 (19.9)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d\8270_Iso.rslt\spectra.d
Injection Date: 07-May-2020 08:05:30
Spectrum: Tune Spec :Average 310-312(4.90-4.91) Bgrd 306(4.88)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 291

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	864	124.00	2455	199.00	27216	284.00	1070
38.00	2684	125.00	4169	200.00	1664	285.00	2686
39.00	16375	126.00	1003	201.00	1835	293.00	2255
40.00	67	127.00	218048	202.00	895	294.00	1020
41.00	58	128.00	15460	203.00	3381	295.00	908
42.00	58	129.00	77352	204.00	16560	296.00	27136
45.00	1149	130.00	6615	205.00	26488	297.00	3810
49.00	1433	131.00	1069	206.00	107776	301.00	407
50.00	54416	132.00	1143	207.00	15086	302.00	704
51.00	211456	133.00	601	208.00	5219	303.00	3127
52.00	11451	134.00	2650	209.00	1353	304.00	852
53.00	236	135.00	6488	210.00	1789	305.00	402
56.00	3766	136.00	2554	211.00	3519	308.00	437
57.00	14717	137.00	2903	212.00	629	309.00	410
58.00	50	138.00	1053	215.00	942	310.00	205
59.00	187	139.00	195	216.00	2391	311.00	199
60.00	706	140.00	930	217.00	26224	314.00	1843
61.00	2926	141.00	11693	218.00	3970	315.00	3239
62.00	3217	142.00	3074	219.00	251	316.00	1802
63.00	7636	143.00	2083	220.00	257	321.00	1360
64.00	1223	144.00	581	221.00	22032	323.00	8874
65.00	4241	145.00	209	222.00	4407	324.00	1503
66.00	428	146.00	2232	223.00	6255	325.00	194
67.00	847	147.00	4572	224.00	63736	327.00	2523
68.00	1005	148.00	12040	225.00	15453	328.00	1228
69.00	167936	149.00	3182	226.00	1202	331.00	412
70.00	1225	150.00	432	227.00	23240	332.00	309
73.00	931	151.00	972	228.00	4007	333.00	1108
74.00	16960	153.00	3255	229.00	5267	334.00	6282
75.00	29048	154.00	2581	230.00	1156	335.00	2051
76.00	9601	155.00	5961	231.00	1867	341.00	407
77.00	203840	156.00	8517	232.00	232	342.00	465
78.00	13592	157.00	1308	233.00	471	346.00	1998

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d\8270_Iso.rslt\spectra.d

Injection Date: 07-May-2020 08:05:30

Spectrum: Tune Spec :Average 310-312(4.90-4.91) Bgrd 306(4.88)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 291

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	12708	158.00	2141	234.00	2040	347.00	348
80.00	8971	159.00	1131	235.00	1750	352.00	2949
81.00	15225	160.00	3406	236.00	1254	353.00	1372
82.00	2681	161.00	5204	237.00	1384	354.00	3266
83.00	2965	162.00	1388	239.00	1184	355.00	591
85.00	2100	163.00	861	240.00	970	359.00	248
86.00	3225	164.00	923	241.00	1997	364.00	290
87.00	1748	165.00	4526	242.00	2729	365.00	11893
88.00	821	166.00	3542	243.00	2632	366.00	1736
89.00	479	167.00	20216	244.00	47832	371.00	698
91.00	1012	168.00	11775	245.00	6639	372.00	5225
92.00	4228	169.00	1787	246.00	8688	373.00	1191
93.00	19056	170.00	804	247.00	1942	377.00	190
94.00	1658	171.00	1152	249.00	1902	383.00	1342
96.00	1514	172.00	1758	250.00	271	390.00	662
97.00	514	173.00	1940	251.00	450	391.00	536
98.00	15323	174.00	4469	252.00	488	402.00	1602
99.00	12539	175.00	7557	253.00	1895	403.00	2711
100.00	1804	176.00	2591	255.00	250048	404.00	773
101.00	7687	177.00	5413	256.00	35744	410.00	193
102.00	508	178.00	1209	257.00	3040	415.00	196
103.00	3349	179.00	16244	258.00	14599	421.00	2222
104.00	4581	180.00	10183	259.00	2392	422.00	1778
105.00	5001	181.00	5366	261.00	220	423.00	15361
106.00	1912	182.00	980	264.00	687	424.00	3046
107.00	59024	183.00	615	265.00	6103	427.00	245
108.00	9741	184.00	1521	266.00	944	431.00	302
109.00	2377	185.00	8326	267.00	303	433.00	395
110.00	106240	186.00	59376	268.00	260	434.00	219
111.00	15030	187.00	15822	270.00	809	435.00	665
112.00	2312	188.00	2304	271.00	456	436.00	334
113.00	995	189.00	3940	272.00	796	437.00	417
115.00	569	190.00	511	273.00	8492	438.00	655
116.00	2905	191.00	2261	274.00	21536	439.00	611

Report Date: 07-May-2020 11:12:21

Chrom Revision: 2.3 11-Mar-2020 18:53:20

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d\8270_Iso.rslt\spectra.d

Injection Date: 07-May-2020 08:05:30

Spectrum: Tune Spec :Average 310-312(4.90-4.91) Bgrd 306(4.88)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 291

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	41192	192.00	5036	275.00	102552	440.00	609
118.00	3666	193.00	5259	276.00	14106	441.00	48040
120.00	1145	194.00	1438	277.00	8359	442.00	295808
121.00	197	195.00	1029	278.00	1643	443.00	58904
122.00	3866	196.00	13620	282.00	185	444.00	5441
123.00	5558	198.00	446528	283.00	916		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255947.d

Injection Date: 07-May-2020 08:05:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

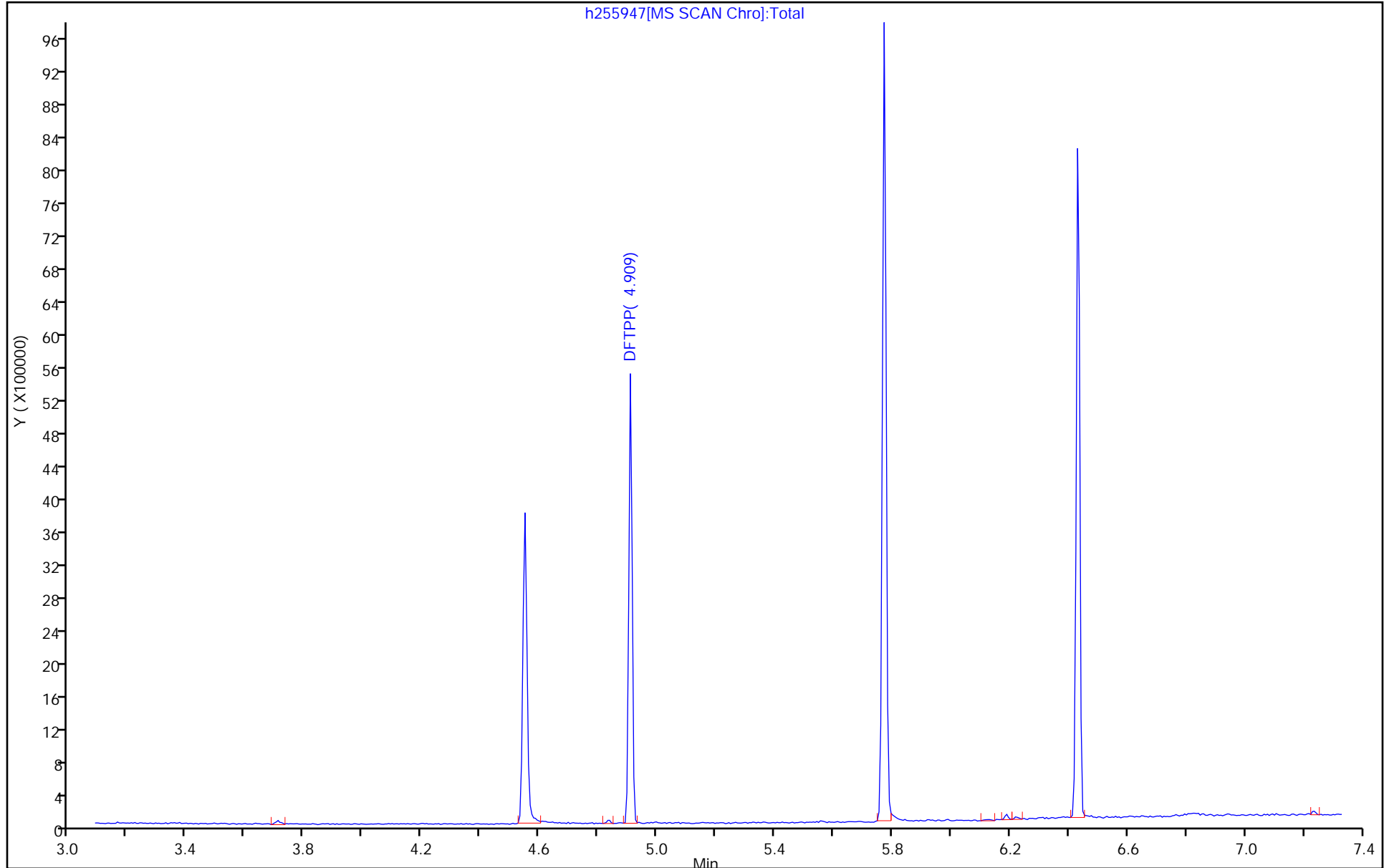
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 27-Aug-2020 02:02:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-001
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 02:12:21 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1064

First Level Reviewer: eisam Date: 27-Aug-2020 02:12:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
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3 DFTPP

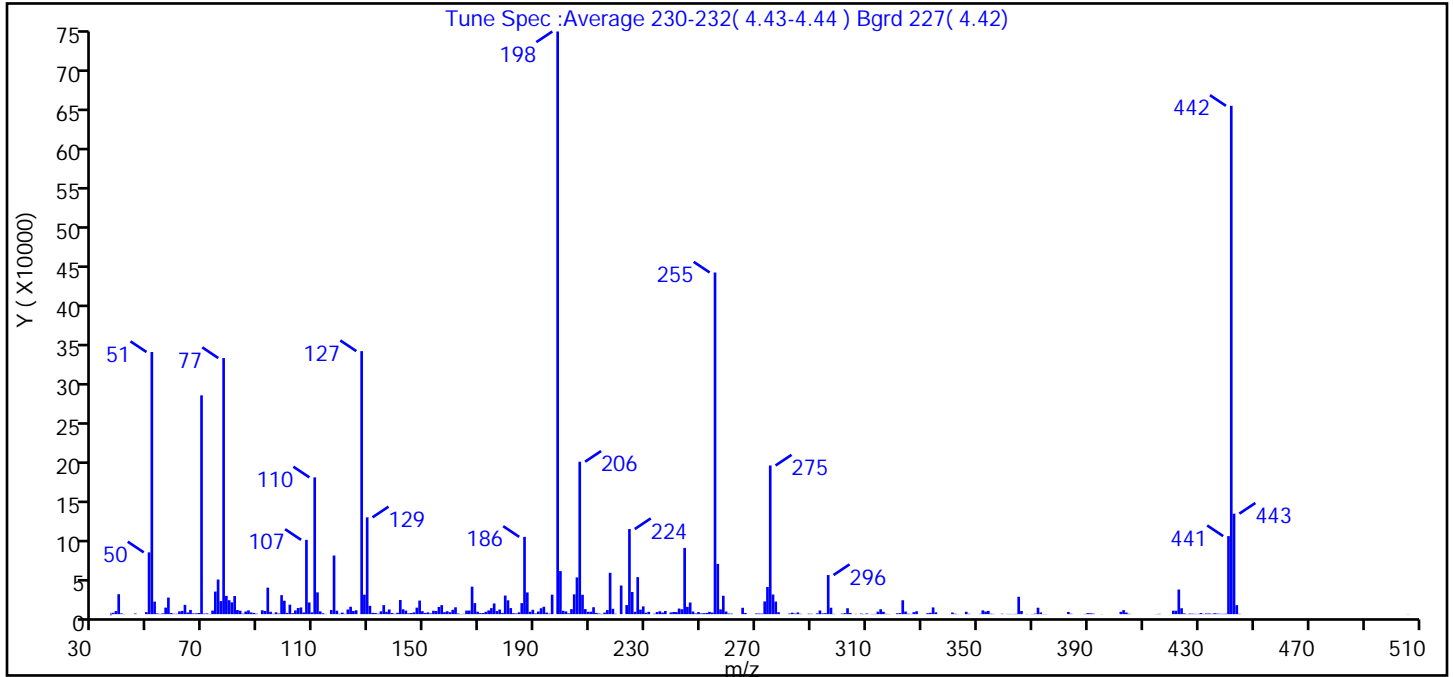
Reagents:

SMDFTP_CH_00031 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d
 Injection Date: 27-Aug-2020 02:02:30 Instrument ID: CBNAMS9
 Lims ID: DFTPP
 Client ID:
 Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
 Tune Method: DFTPP Method 8270

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak, 100% relative abundance	100.0
51	30-60% of mass 198	45.0
68	<2% of mass 69	0.2 (0.5)
69	Present	37.5
70	<2% of mass 69	0.1 (0.2)
127	40-60% of mass 198	45.1
197	<1% of mass 198	0.0
199	5-9% of mass 198	7.4
275	10-30% of mass 198	25.5
365	>1% of mass 198	3.0
441	Present but less than mass 443	13.4 (77.7)
442	>40% of mass 198	87.2
443	17-23% of mass 442	17.2 (19.8)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d\8270_Iso.rslt\spectra.d
Injection Date: 27-Aug-2020 02:02:30
Spectrum: Tune Spec :Average 230-232(4.43-4.44) Bgrd 227(4.42)
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2	127.00	335296	210.00	3114	313.00	325
37.00	1642	128.00	24768	211.00	8801	314.00	3166
38.00	3882	129.00	123400	212.00	1579	315.00	6263
39.00	25432	130.00	10568	213.00	743	316.00	3035
40.00	986	131.00	1624	214.00	324	317.00	393
41.00	187	132.00	1468	215.00	1950	318.00	213
45.00	799	133.00	618	216.00	5166	321.00	1133
49.00	2571	134.00	3596	217.00	52736	322.00	1311
50.00	78752	135.00	11490	218.00	6815	323.00	17688
51.00	334144	136.00	2963	219.00	468	324.00	3314
52.00	15975	137.00	5966	221.00	36512	325.00	577
53.00	893	138.00	1405	223.00	11566	326.00	231
54.00	361	139.00	441	224.00	108480	327.00	2465
55.00	983	140.00	1759	225.00	28208	328.00	3650
56.00	8316	141.00	18016	226.00	2944	332.00	1223
57.00	21120	142.00	6223	227.00	47192	333.00	1687
58.00	1482	143.00	4530	228.00	5751	334.00	8560
59.00	471	144.00	1031	229.00	9913	335.00	2301
60.00	485	145.00	1443	230.00	1831	341.00	2011
61.00	3492	146.00	2264	231.00	2961	342.00	530
62.00	4100	147.00	8260	233.00	533	343.00	185
63.00	11834	148.00	17312	234.00	2647	346.00	3014
64.00	2090	149.00	3709	235.00	3697	347.00	472
65.00	5389	150.00	1516	236.00	1946	351.00	339
66.00	917	151.00	2286	237.00	4034	352.00	4833
67.00	1001	152.00	975	239.00	2124	353.00	3329
68.00	1458	153.00	4356	240.00	2765	354.00	4140
69.00	278912	154.00	3999	241.00	2588	355.00	528
70.00	680	155.00	9139	242.00	7122	356.00	250
71.00	922	156.00	11518	243.00	6265	359.00	523
72.00	229	157.00	2493	244.00	84416	361.00	286
73.00	4544	158.00	3659	245.00	9320	362.00	292
74.00	28760	159.00	2500	246.00	14823	363.00	189

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d\8270_Iso.rslt\spectra.d

Injection Date: 27-Aug-2020 02:02:30

Spectrum: Tune Spec :Average 230-232(4.43-4.44) Bgrd 227(4.42)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	44168	160.00	5531	247.00	3368	364.00	384
76.00	16672	161.00	8734	248.00	894	365.00	22168
77.00	326464	162.00	824	249.00	2613	366.00	4067
78.00	23272	163.00	218	250.00	913	368.00	202
79.00	17752	164.00	419	251.00	1239	370.00	238
80.00	15051	165.00	4547	252.00	1591	371.00	706
81.00	23096	166.00	4511	253.00	2973	372.00	8170
82.00	5254	167.00	35000	254.00	1986	373.00	2204
83.00	4362	168.00	14050	255.00	435520	374.00	183
84.00	634	169.00	3089	256.00	64048	375.00	208
85.00	3367	170.00	1226	257.00	6100	383.00	2810
86.00	4801	171.00	1513	258.00	23448	384.00	525
87.00	2186	172.00	2960	259.00	3332	389.00	281
88.00	1526	173.00	4751	260.00	834	390.00	1317
89.00	553	174.00	7679	261.00	663	391.00	1202
91.00	4962	175.00	13601	265.00	8109	392.00	741
92.00	4030	176.00	3901	266.00	1445	395.00	185
93.00	33784	177.00	5847	270.00	871	402.00	2958
94.00	3055	178.00	1579	271.00	810	403.00	5146
95.00	445	179.00	23704	272.00	703	404.00	2026
96.00	2331	180.00	17640	273.00	16201	405.00	456
97.00	816	181.00	7733	274.00	34592	415.00	183
98.00	24200	182.00	1220	275.00	189504	416.00	415
99.00	17096	183.00	843	276.00	25008	421.00	4403
100.00	1645	184.00	2278	277.00	16054	422.00	4333
101.00	12094	185.00	14070	278.00	2458	423.00	31376
102.00	1228	186.00	98520	282.00	829	424.00	7555
103.00	4716	187.00	27680	283.00	1846	425.00	925
104.00	7794	188.00	3031	284.00	711	426.00	189
105.00	8555	189.00	5578	285.00	2157	427.00	751
106.00	2129	190.00	915	286.00	438	428.00	552
107.00	94696	191.00	3367	289.00	565	429.00	350
108.00	14873	192.00	7479	290.00	405	430.00	361
109.00	2301	193.00	9424	292.00	969	431.00	1408

Report Date: 27-Aug-2020 02:12:21

Chrom Revision: 2.3 20-Aug-2020 13:57:12

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d\8270_Iso.rslt\spectra.d

Injection Date: 27-Aug-2020 02:02:30

Spectrum: Tune Spec :Average 230-232(4.43-4.44) Bgrd 227(4.42)

Base Peak: 198.00

Minimum % Base Peak: 0

Number of Points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	174336	194.00	1966	293.00	4681	432.00	285
111.00	27784	195.00	662	294.00	888	433.00	880
112.00	3549	196.00	24800	295.00	1248	434.00	853
113.00	1130	198.00	742784	296.00	49848	435.00	413
114.00	237	199.00	54896	297.00	8176	436.00	1127
116.00	5236	200.00	4279	298.00	344	437.00	708
117.00	74744	201.00	3430	301.00	668	438.00	386
118.00	4355	202.00	986	302.00	1227	439.00	380
119.00	496	203.00	6420	303.00	7506	440.00	568
120.00	1917	204.00	25256	304.00	1539	441.00	99472
121.00	379	205.00	46832	306.00	328	442.00	648000
122.00	5908	206.00	194304	308.00	733	443.00	128096
123.00	9397	207.00	24640	309.00	184	444.00	11470
124.00	3946	208.00	6408	310.00	885	445.00	386
125.00	4973	209.00	2973	312.00	281	506.00	190

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259165.d

Injection Date: 27-Aug-2020 02:02:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

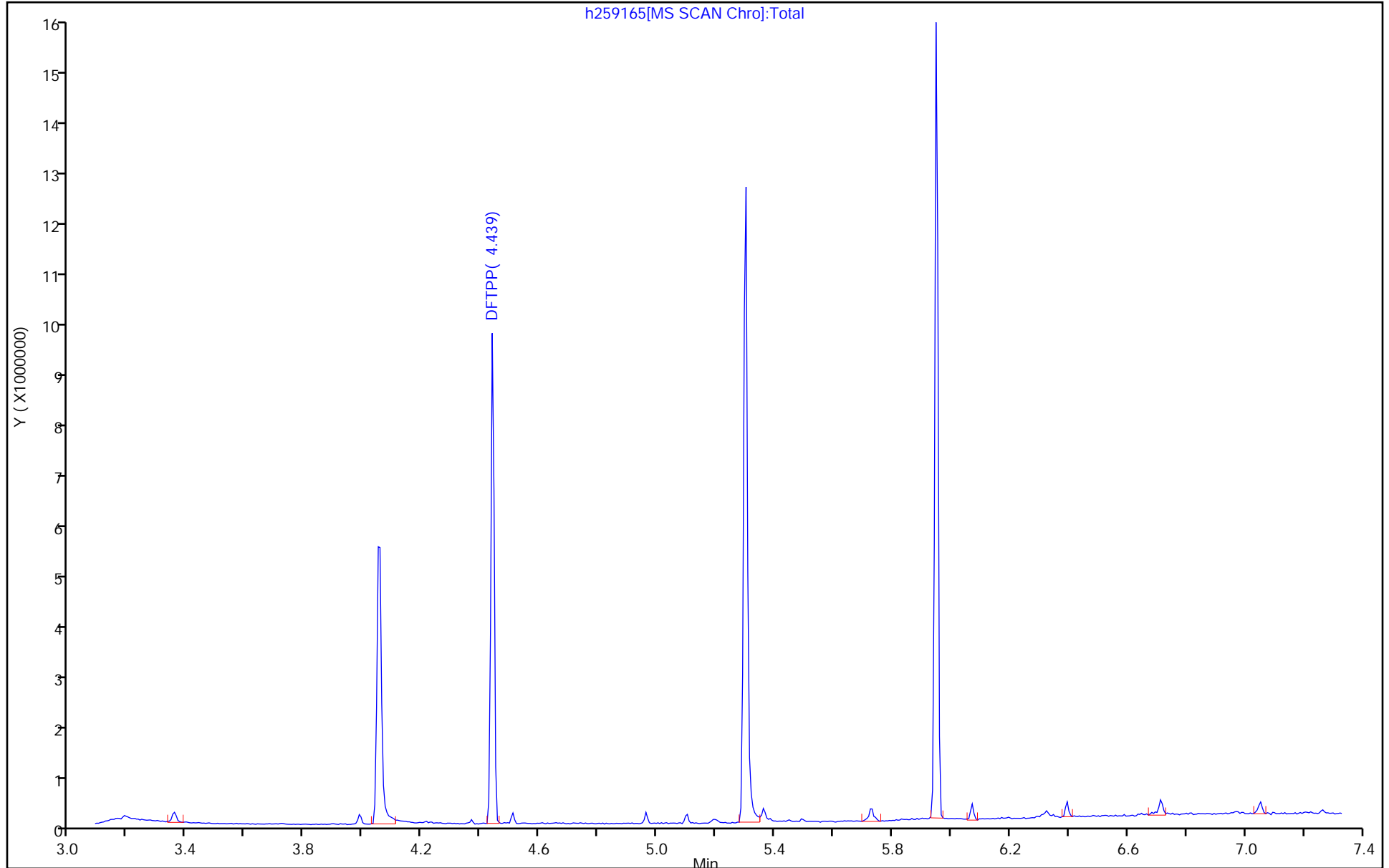
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-719672/1-A
 Matrix: Water Lab File ID: h259167.d
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/26/2020 08:37
 Sample wt/vol: 250 (mL) Date Analyzed: 08/27/2020 02:34
 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.: 719855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.016	U	0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	28		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259167.d
 Lims ID: MB 460-719672/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 27-Aug-2020 02:34:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-003
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: eisam Date: 27-Aug-2020 02:53:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
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D 1 1,4-Dioxane-d8	96	1.618	1.611	0.007	13	16191	4.00	1.11	
* 4 1,4-Dichlorobenzene-d4	150	5.272	5.272	0.000	1	16372	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259167.d

Injection Date: 27-Aug-2020 02:34:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: MB 460-719672/1-A

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

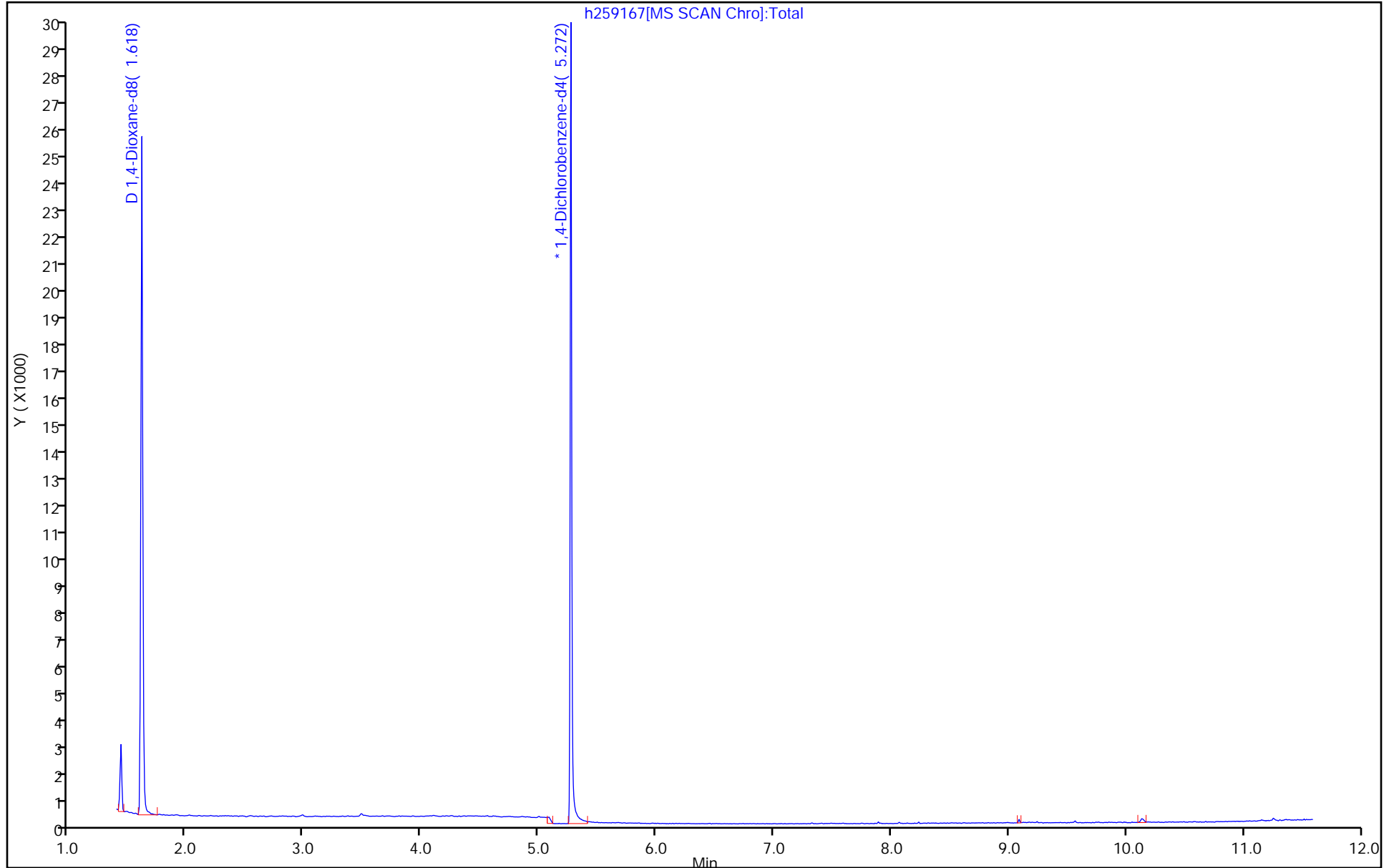
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259167.d

Injection Date: 27-Aug-2020 02:34:30

Instrument ID: CBNAMS9

Lims ID: MB 460-719672/1-A

Client ID:

Operator ID:

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

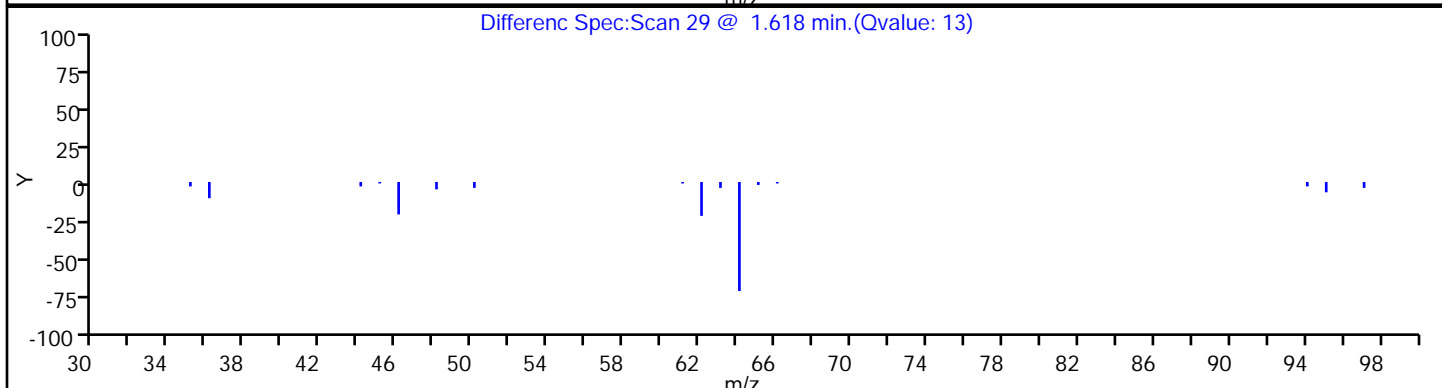
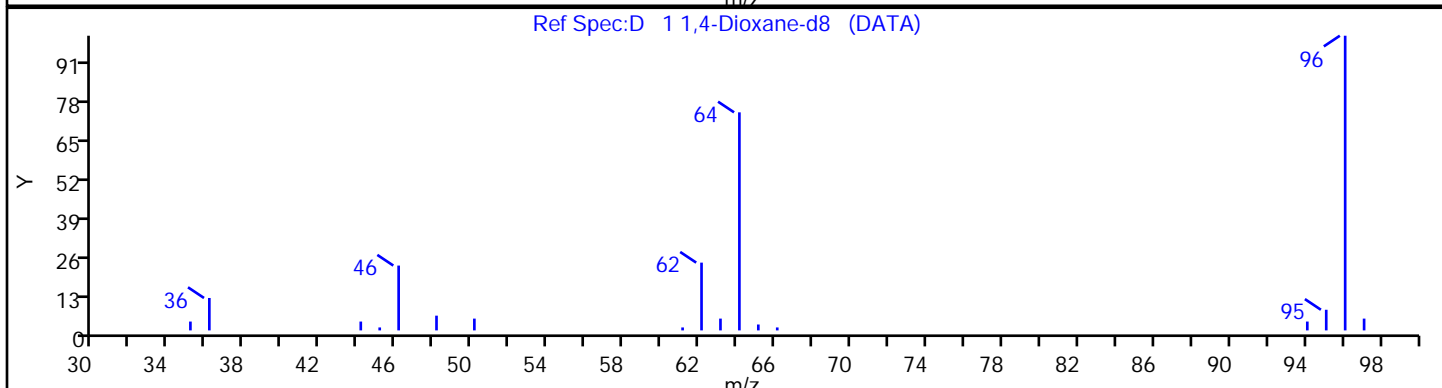
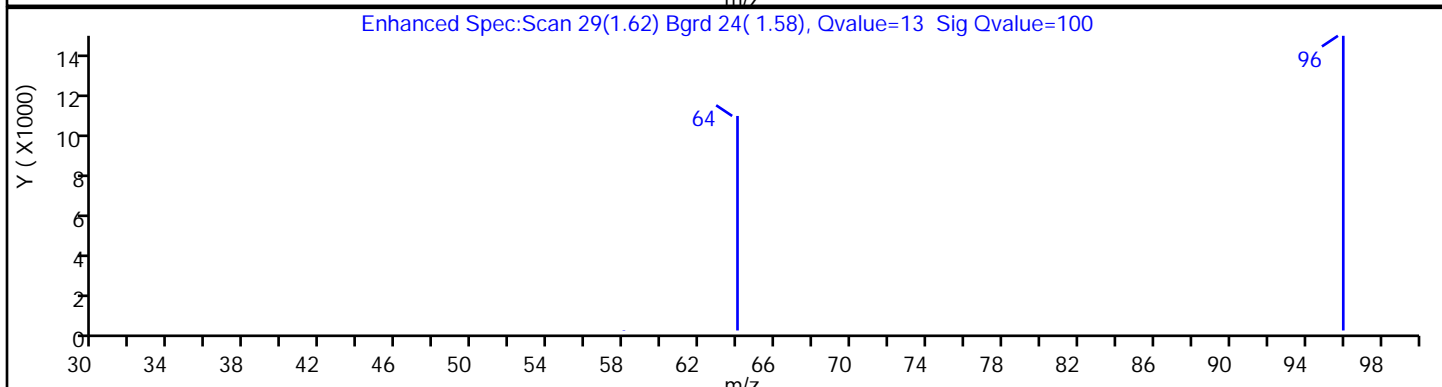
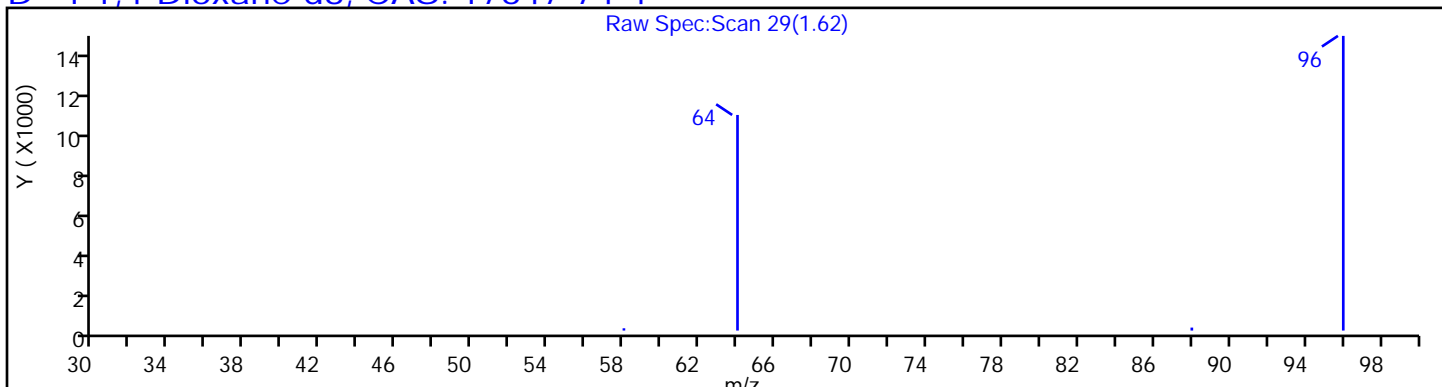
Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

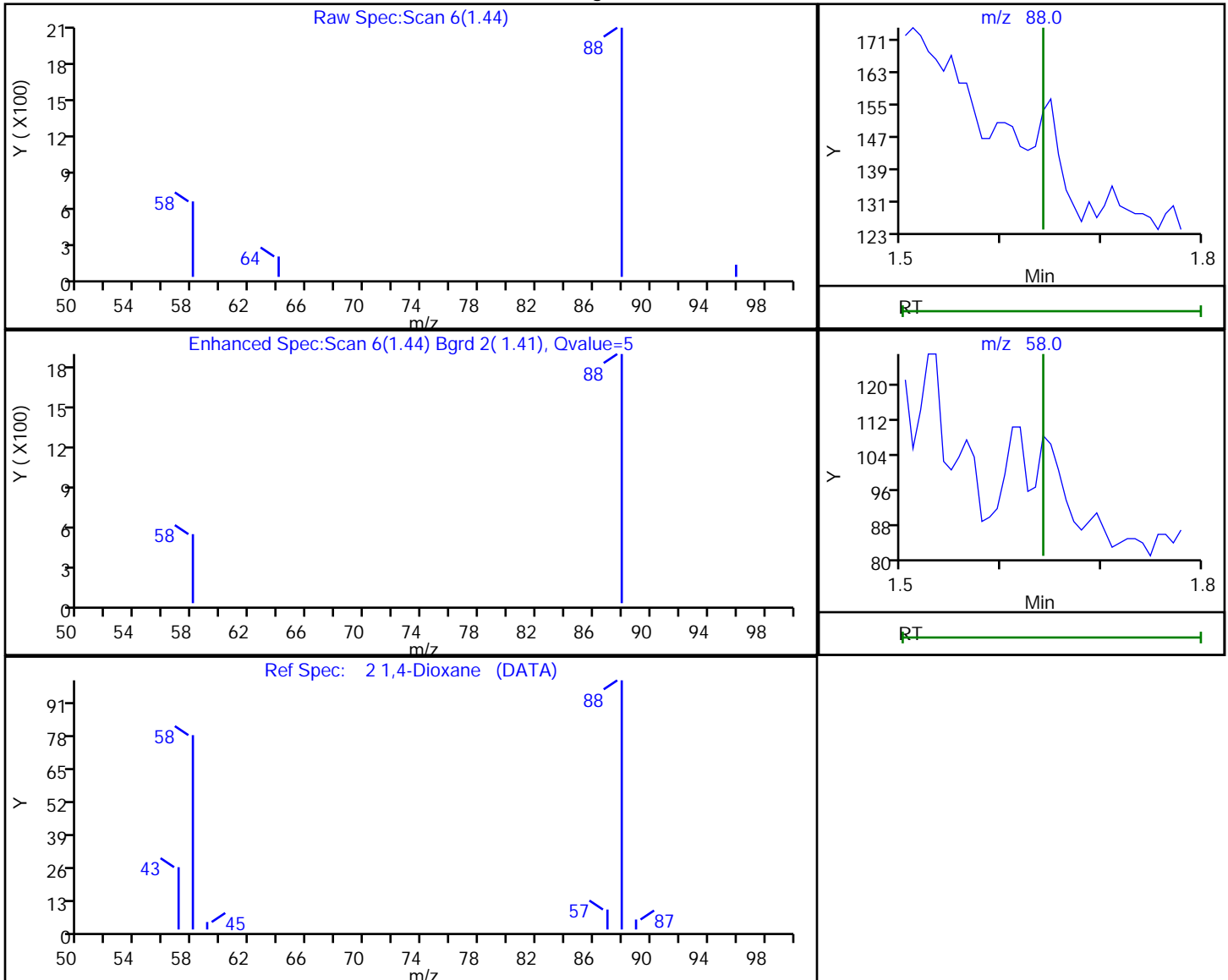


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259167.d
 Injection Date: 27-Aug-2020 02:34:30 Instrument ID: CBNAMS9
 Lims ID: MB 460-719672/1-A
 Client ID:
 Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Method: 8270_Iso Limit Group: MSS 8270 Isotope Dilution IS
 Column: Rtxi-5Sil MS (0.25 mm) Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Processing Results



RT	Mass	Response	Amount
1.44	88.00	1926	0.375700
1.44	58.00	594	

Reviewer: eisam, 27-Aug-2020 02:50:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-719672/2-A
 Matrix: Water Lab File ID: h259168.d
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/26/2020 08:37
 Sample wt/vol: 250 (mL) Date Analyzed: 08/27/2020 02:50
 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.: 719855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.85		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	27		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259168.d
 Lims ID: LCS 460-719672/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 27-Aug-2020 02:50:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-004
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: maheseep Date: 27-Aug-2020 14:50:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.618	1.611	0.007	12	15192	4.00	1.07	
2 1,4-Dioxane	88	1.649	1.641	0.008	17	1112	0.2000	0.2312	
* 4 1,4-Dichlorobenzene-d4	150	5.272	5.272	0.000	1	15955	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259168.d

Injection Date: 27-Aug-2020 02:50:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: LCS 460-719672/2-A

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

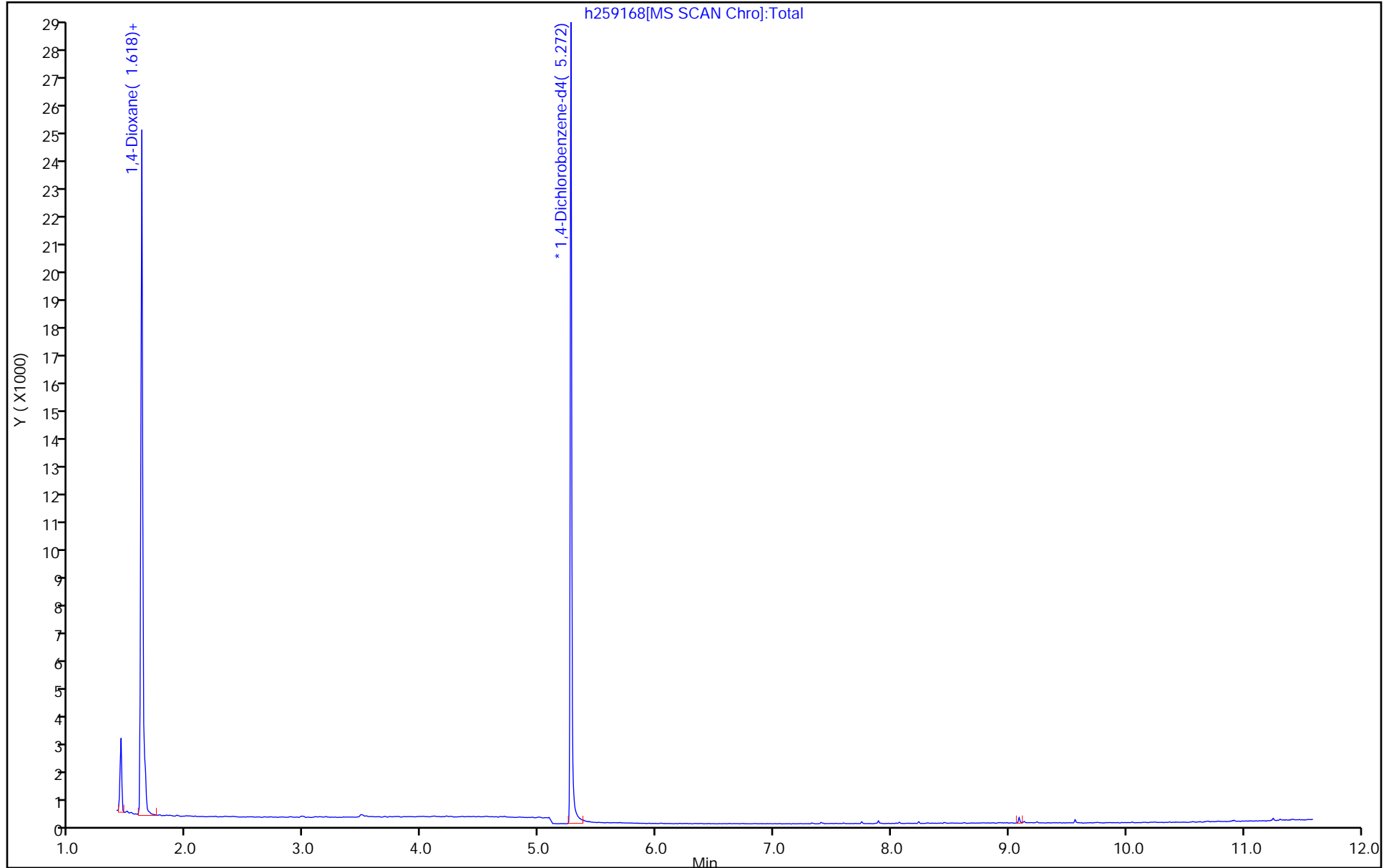
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-719672/3-A
 Matrix: Water Lab File ID: h259169.d
 Analysis Method: 8270D SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 08/26/2020 08:37
 Sample wt/vol: 250 (mL) Date Analyzed: 08/27/2020 03:06
 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.: 719855 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	2.12		0.20	0.016

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	27		10-200

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259169.d
 Lims ID: LCSD 460-719672/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 27-Aug-2020 03:06:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0115827-005
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Aug-2020 07:43:41 Calib Date: 07-May-2020 10:13:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20200507-109745.b\h255955.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1063

First Level Reviewer: maheseep Date: 27-Aug-2020 14:51:18

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.618	1.611	0.007	12	15781	4.00	1.10	
2 1,4-Dioxane	88	1.649	1.641	0.008	16	1324	0.2000	0.2650	
* 4 1,4-Dichlorobenzene-d4	150	5.273	5.272	0.001	1	16201	0.2000	0.2000	

Reagents:

SM_iso_d4istd_00007 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20200826-115827.b\h259169.d

Injection Date: 27-Aug-2020 03:06:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: LCSD 460-719672/3-A

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

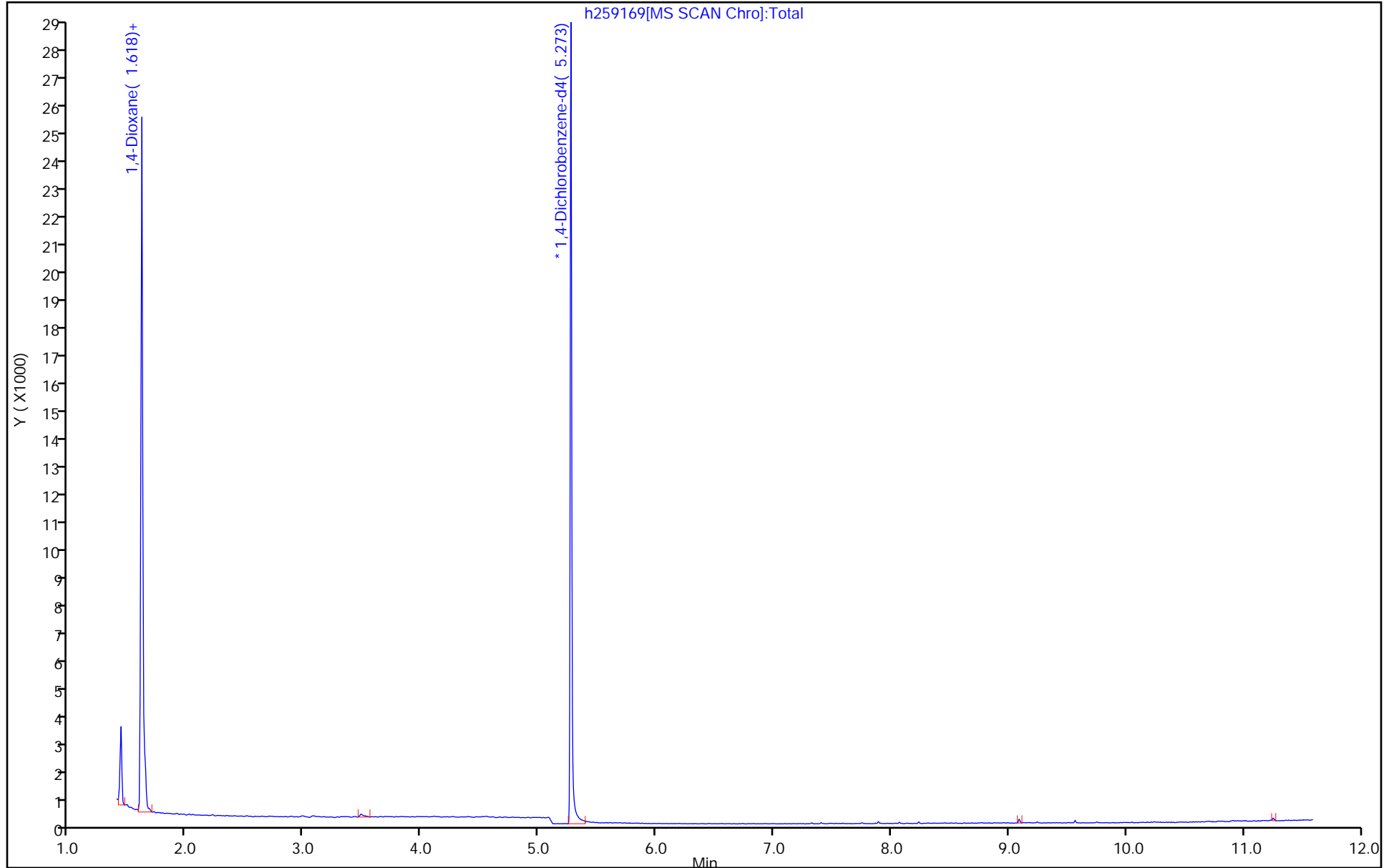
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Instrument ID: CBNAMS9 Start Date: 05/07/2020 08:05Analysis Batch Number: 692766 End Date: 05/07/2020 11:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-692766/1		05/07/2020 08:05	1	h255947.d	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-692766/2		05/07/2020 08:20	1	h255948.d	Rtxi-5Sil MS 0.25 (mm)
STD8 460-692766/3 IC		05/07/2020 08:37	1	h255949.d	Rtxi-5Sil MS 0.25 (mm)
STD7 460-692766/4 IC		05/07/2020 08:53	1	h255950.d	Rtxi-5Sil MS 0.25 (mm)
STD6 460-692766/5 IC		05/07/2020 09:09	1	h255951.d	Rtxi-5Sil MS 0.25 (mm)
STD4 460-692766/6 IC		05/07/2020 09:25	1	h255952.d	Rtxi-5Sil MS 0.25 (mm)
STD3 460-692766/7 IC		05/07/2020 09:41	1	h255953.d	Rtxi-5Sil MS 0.25 (mm)
STD2 460-692766/8 IC		05/07/2020 09:57	1	h255954.d	Rtxi-5Sil MS 0.25 (mm)
STD1 460-692766/9 IC		05/07/2020 10:13	1	h255955.d	Rtxi-5Sil MS 0.25 (mm)
ICV 460-692766/10		05/07/2020 10:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		05/07/2020 10:44	1		Rtxi-5Sil MS 0.25 (mm)
MDLV 460-692494/7-A		05/07/2020 11:00	1		Rtxi-5Sil MS 0.25 (mm)
MDLV 460-692494/8-A		05/07/2020 11:17	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Instrument ID: CBNAMS9 Start Date: 08/27/2020 02:02

Analysis Batch Number: 719855 End Date: 08/27/2020 06:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-719855/1		08/27/2020 02:02	1	h259165.d	Rtxi-5Sil MS 0.25 (mm)
CCVIS 460-719855/2		08/27/2020 02:18	1	h259166.d	Rtxi-5Sil MS 0.25 (mm)
MB 460-719672/1-A		08/27/2020 02:34	1	h259167.d	Rtxi-5Sil MS 0.25 (mm)
LCS 460-719672/2-A		08/27/2020 02:50	1	h259168.d	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-719672/3-A		08/27/2020 03:06	1	h259169.d	Rtxi-5Sil MS 0.25 (mm)
460-216706-1	DEC3D2_20200820	08/27/2020 03:22	1	h259170.d	Rtxi-5Sil MS 0.25 (mm)
460-216706-2	DEC5D1_20200820	08/27/2020 03:38	1	h259171.d	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 03:53	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 04:10	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 04:25	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 04:41	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 04:57	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 05:13	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 05:29	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 05:45	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 06:01	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 06:17	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 06:33	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		08/27/2020 06:49	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 719672 Batch Start Date: 08/26/20 08:37 Batch Analyst: Babu, Dhanalakshmi X

Batch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_1,4-DX_SP 00004
MB 460-719672/1		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-719672/2		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-719672/3		3510C, 8270D SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-216706-E-1	DEC3D2_20200820	3510C, 8270D SIM ID	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	
460-216706-D-2	DEC5D1_20200820	3510C, 8270D SIM ID	T	250 mL	2 mL	6 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00007					
MB 460-719672/1		3510C, 8270D SIM ID		20 uL					
LCS 460-719672/2		3510C, 8270D SIM ID		20 uL					
LCSD 460-719672/3		3510C, 8270D SIM ID		20 uL					
460-216706-E-1	DEC3D2_20200820	3510C, 8270D SIM ID	T	20 uL					
460-216706-D-2	DEC5D1_20200820	3510C, 8270D SIM ID	T	20 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-216706-1

SDG No.: _____

Batch Number: 719672 Batch Start Date: 08/26/20 08:37 Batch Analyst: Babu, Dhanalakshmi XBatch Method: 3510C Batch End Date: _____

Batch Notes	
Acid Used for pH Adjustment ID	186983
Base Used to Adjust pH ID	OP2969
Batch Comment	3510C_LVI / BNA Isotope
Analyst ID - Concentration	dB
Concentration 1 Corrected Temperature	37 Degrees C
Equipment ID - Concentration 1	31869
Analyst ID - Extraction	dB
Method/Fraction	3510C_LVI / BNA Isotope
Na2SO4 ID	195259
pH Indicator ID	HC-991818
Prep Solvent ID	MeCL2 263731
Prep Solvent Volume Used	90 mL
Analyst ID - Spike Analyst	dB
Analyst ID - Spike Witness Analyst	OS
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

Albany
#224

Chain of Custody Record 455782



Environment Testing
TestAmerica

TAL-8210

Regulatory Program: DW NPDES RCRA Other:

Client Contact
Company Name: HDR
Address: 16 Corporate Woods Blvd.
City/State/Zip: Albany NY 12211
Phone: 845-641-3245 518-937-9502
Fax:
Project Name: Grumman off-site
Site: Grumman Bethpage
P O #

Project Manager: Mike Lehtinen
Tel/Email: 518-937-9502
Site Contact: Scott English Date: 8/21/20
Lab Contact: Julie Gilmer Carrier:

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below
 2 weeks Standard
 1 week
 2 days
 1 day

Filtered Sample (Y/N) Y N
Perform MS / MSD (Y/N) Y N
460-216706 Chain of Custody

SDG No.: 216706

Sample Specific Notes:

Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
8/20/20	1405	G	GW	5
8/20/20	1555	G	GW	5
8/21/20			W	2
<p>DEC3DR_20200820</p> <p>DEC5DI-20200820</p> <p>TB_20200821</p> <p>Temp Blank</p>				

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:
Please include all samples from 8/17-8/20 sampling event in one SDG 3.9°C 12.1

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
CS#1247916

Return to Client Disposal by Lab Archive for _____ Months

Relinquished by:	Company:	Date/Time:	Relinquished by:	Company:	Date/Time:
Chris Bred	HDR	8/21/20 1700	Karl Jochen	Envlin	8/21/20 0900
Karl Jochen	Envlin	8/21/20 1700	Ken Lunn (Gobex)	AAA	8/22/20 11:45

Custody Seal No.: _____
Custody Seal Intact: Yes No
Cooler Temp. (°C): Obs'd: _____ Corrd: _____ Therm ID No.: _____

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 460-216706-1

Login Number: 216706
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1247916
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	