



December 29, 2020

Transmitted: PDF File via E-Mail and USPS 1st Class Mail

Mr. Kent Johnson
Senior Engineering Geologist
New York State Dept. of Environmental Conservation
Division of Environmental Remediation
Remedial Section B, Remedial Bureau E
625 Broadway
Albany, NY 12233-7017

**SUBJECT: Groundwater Monitoring Report for 2020
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York**

Dear Mr. Johnson:

This letter serves as the Safety-Kleen Systems, Inc., (Safety-Kleen) 2020 groundwater monitoring report for the former Safety-Kleen Service Center addressed 27 St. Charles Street in Thornwood, New York (the "Site", refer to **Attachment 1**). Report sections include summaries of Site status, field and laboratory activities, results, conclusions and recommendations for the Site for activities conducted since the previous report during calendar year 2019.

CLOSURE COMPLIANCE STATUS

The Site is in the Compliance Monitoring phase of the Post Closure Monitoring program. A New York State multi-site Consent Order has been proposed by the New York State Department of Environmental Conservation (NYSDEC), and a draft of the document is to be provided by the Department.

SCOPE OF WORK

The following scope of work was performed at the Site during the reporting period:

1. Groundwater gauging, collection of field parameters, and sampling of Site wells on April 29, 2020 and September 25, 2020; and
2. Removal of the Oxygen Release Compound – Advanced (ORC-A®) slow release filter socks from well GT-2R on April 29, 2020.

GROUNDWATER GAUGING AND FIELD PARAMETER COLLECTION

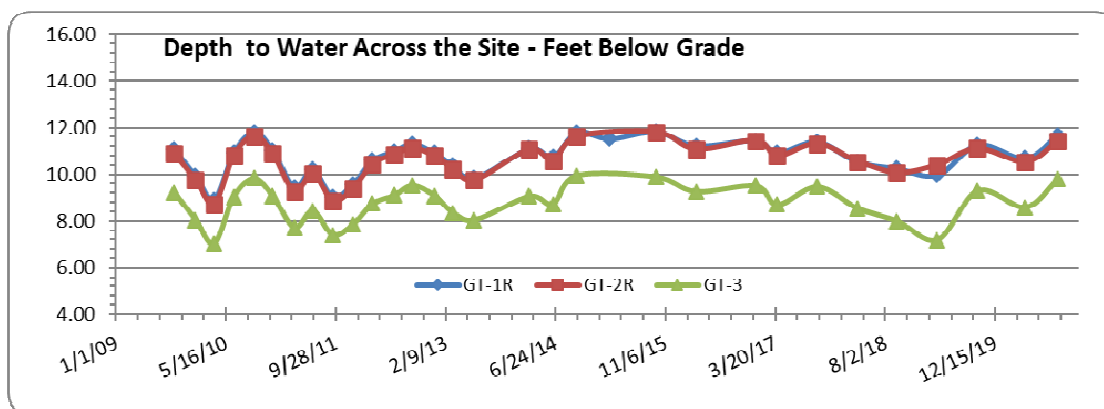
Wells GT-1R, GT-2R, GT-3, GT-4 and GT-5 are monitored twice per year, and were sampled in April and September 2020. Clean Harbors Environmental Services performed on-site field services on April 29 and September 25, 2020. All monitoring wells were gauged and sampled as scheduled.

The ORC-A® filter sock deployed in well GT-2R was removed prior to monitoring during the April 2020 event and was not replaced.

Groundwater Sampling Records, including depth-to-groundwater, temperature, pH, conductivity, dissolved oxygen (DO), redox potential (ORP), and visual turbidity recorded for each location, are provided as **Attachment 2**. Current and historic Site field parameter measurements are presented in **Attachment 3, Table 1**.

Depth-to-groundwater was within typical historic ranges, and fluctuations over time were generally consistent from well to well. The changes in the depth to water across the Site (wells GT-1R, GT-2R and GT-3) are presented below in **Figure 1**.

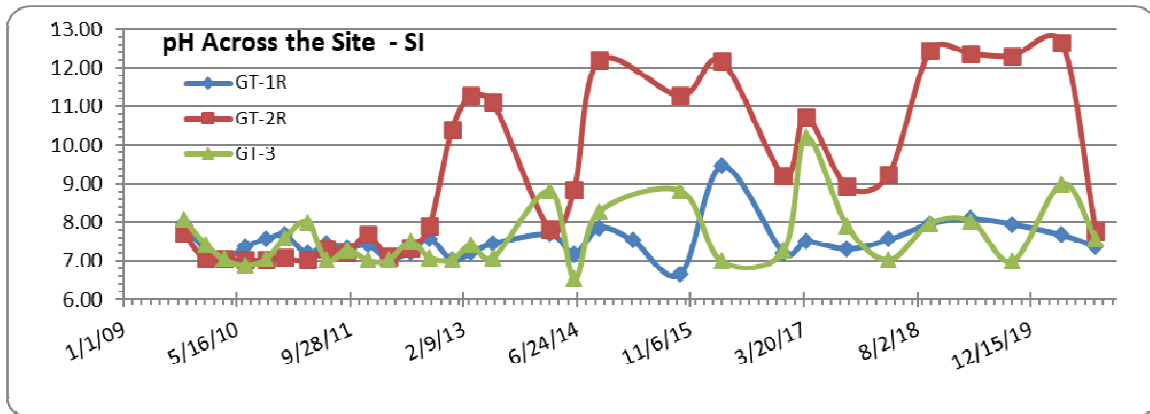
Figure 1



Water table elevations were used to develop contour maps (**Attachment 1**). Interpreted flow direction during the April and September 2020 events was generally to the northwest with gradients of approximately 0.010 ft/ft and 0.008 ft/ft, respectively.

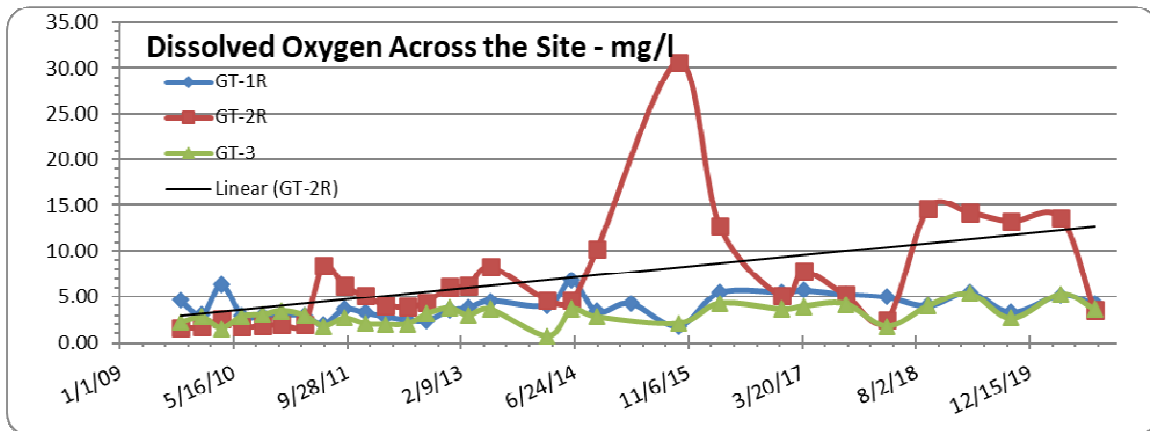
The pH across the Site (wells GT-1R, GT-2R and GT-3) is presented below in **Figure 2**. ORC-A® media appeared to locally influence the pH at well GT-2R during the April 2020 event, a common occurrence with application of this product. However, pH returned to level more consistent with natural groundwater in GT-2R during the September 2020 event, likely due to the removal of the ORC-A® sock just prior to the April 2020 event.

Figure 2



DO trends for wells GT-1R, GT-2R and GT-3 are presented below as **Figure 3**. Similar to pH, dissolution of the ORC®-A media was likely responsible for the elevated DO concentrations in GT-2R during the April 2020 event; however, DO returned to levels consistent with other on-site wells during the September 2020 event subsequent to ORC-A® sock removal.

Figure 3



GROUNDWATER SAMPLING

Each well sampled was purged of 3 to 5 well volumes (conditions permitting) of groundwater with a submersible or peristaltic pump or bailer prior to sampling. Samples were collected with dedicated polyethylene bailers and placed into laboratory-supplied glass containers. Blind duplicate samples were collected for quality assurance purposes from well GT-2R. A trip blank was also processed with each shipment.

Samples were sent to Test America, Inc. (TA) in Edison, New Jersey for analysis of Volatile Organic Compounds (VOCs) by EPA Method 8260c and Mineral Spirit Range Organics (MSRO) by EPA Method 8215d. TA holds New York NELAP and NYSDOH

laboratory certifications. Samples were kept cool during transport to the laboratory and were accompanied by chain-of-custody documents and a trip blank.

GROUNDWATER ANALYTICAL RESULTS

Groundwater analytical data are presented in **Attachment 3, Table 2**. The laboratory analytical reports are included as **Attachment 4**.

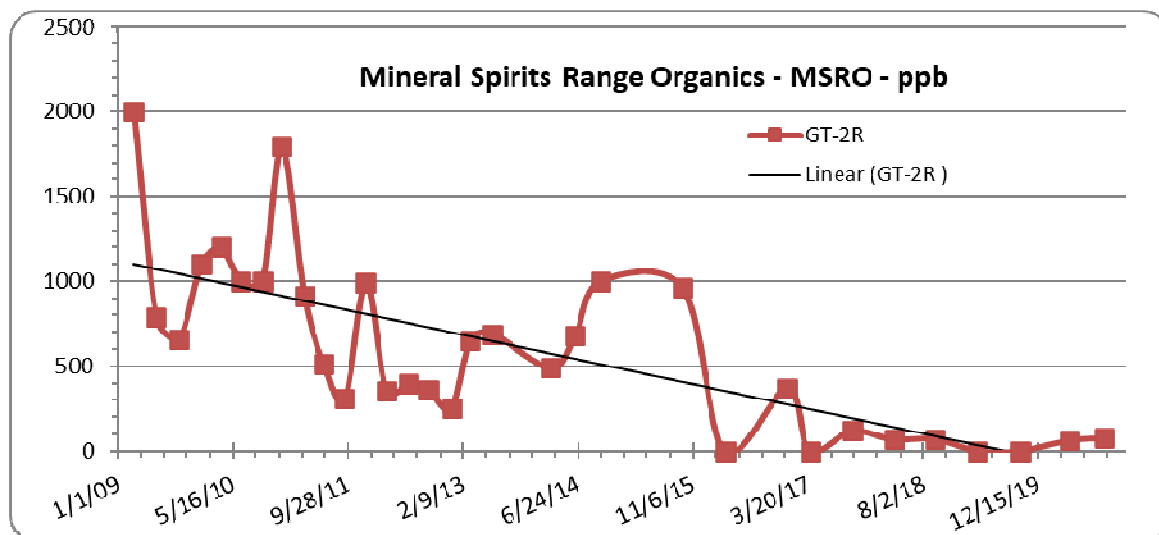
VOCs

Similar to previous events, low concentrations of several VOCs were reported in groundwater samples from one or more wells during both monitoring events in 2020. All detected VOCs during the April and September 2020 monitoring events were below applicable regulatory standards.

MSRO

The concentration of MSRO at well GT-2R from 2009 through the present is provided below in **Figure 4**, and exhibits a declining trend, notably assisted by well redevelopment in March 2016.

Figure 4



Concentrations of MSRO were reported in GT-2R above the applicable regulatory standard of 50 micrograms per liter (u/L) during both the April 2020 (64 ug/L) and September 2020 (78 ug/L) events. However, based on further evaluation of these results, they do not appear to be representative of actual groundwater conditions as discussed below:

- Although MRSO was detected in the primary sample from GT-2R in April 2020, it was not detected above the laboratory reporting limit (13 ug/L) in the associated duplicate sample.

- Following the initial detections of MSRO above 50 ug/L in the primary and duplicate samples from GT-2R in September 2020, re-analysis of these samples was conducted using the silica gel cleanup procedure to remove naturally occurring organic carbon from the sample extract prior to analysis. Removal of naturally occurring organics using this procedure provides a more representative quantification of petroleum hydrocarbons in the sample. This re-analysis resulted in MSRO concentrations of 21 ug/L and 19 ug/L in the primary and duplicate samples for GT-2R, respectively, both well below the regulatory standard of 50 ug/L.

Laboratory Quality Control and Data Qualifications:

Several VOCs were detected in the trip blanks associated with both the April and September 2020 monitoring events, including acetone, methylene chloride, and/or xylenes; however, none of these VOCs were detected in associated groundwater samples.

Control limits for several VOCs were exceeded during continuing calibration verifications (CCV) performed during both events; however, none of these VOCs were detected and were not Site constituents of concern.

Sample GT-2R for VOCs from September 2020 was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time, therefore no qualifications were applied.

The re-analysis for MSRO conducted on GT-2R and its duplicate sample using the silica gel cleanup procedure was performed several weeks past its holding time, and is appropriately qualified in **Attachment 3, Table 2**. Although potentially low-biased, it is unlikely to affect data usability as these results (21 ug/L and 19 ug/L) were well below the regulatory standard of 50 ug/L.

No other qualifications were noted for site-related compounds.

GROUNDWATER SAMPLING SUMMARY

1. Depth to water across the Site generally stayed within the typical ranges historically recorded on-site of between approximately 7 and 11 feet below grade. Direction of groundwater flow during both the April 2020 and September 2020 events was to the northwest and consistent with historic observations.
2. The groundwater pH was generally within the range for naturally occurring groundwater, with the exception of well GT-2R during the April 2020 event where elevated pH is believed due to dissolution from ORC-A® media socks deployed in the well. Likewise, DO at well GT-2R in April 2020 was likely elevated due to ORC-A® media influencing the groundwater. Both pH and DO returned to levels consistent with natural Site groundwater in September 2020 subsequent to ORC-A® sock removal.

3. No VOCs were detected in groundwater from any wells above applicable regulatory standards during the April or September 2020 events. The trace detections of Tetrachloroethene and associated breakdown products may be indicative of a regional matter not associated with former Safety-Kleen Site operations.
4. Concentrations of MSRO were detected in groundwater from GT-2R above the regulatory standard of 50 ug/L during both the April and September 2020 monitoring events. However, it was not detected in the duplicate sample for GT-2R in April 2020 and was well below the regulatory standard in re-analyses conducted on the September 2020 primary and duplicate samples from GT-2R using silica gel cleanup. MSRO has been non-detect or below regulatory criteria in all other monitoring wells since March 2016 as acknowledged in the Department's letter of March 19, 2019.

CONCLUSIONS

The MSRO concentrations reported from GT-2R have significantly declined following ORC-A® filter sock deployment in 2011 and redevelopment in March 2016. Although MSRO was not detected during both monitoring events conducted in 2019, detections were reported above the regulatory standard of 50 ug/L in April and September 2020. However, as discussed above, these results are not believed to be representative of actual petroleum hydrocarbon (e.g., mineral spirit) concentrations in groundwater based on the lack of detection in the GT-2R duplicate sample in April 2020, and the significantly lower concentrations of MSRO reported below regulatory criteria in the September 2020 primary and duplicate samples from GT-2R that were re-analyzed using the silica gel cleanup procedure to remove naturally occurring organics.

RECOMMENDATIONS

1. Based on the MRSO results reported over the last two (2) years of semi-annual monitoring, including the non-detect results in 2019 and the re-analysis results below regulatory criteria from GT-2R in September 2020 using the silica gel cleanup procedure, cessation of the Post Closure Monitoring program is recommended and regulatory closure of the Site is requested from the NYSDEC.

If you should have any questions or comments concerning this report, please do not hesitate to contact me at (513) 227-5450. As always, we appreciate the Department's assistance with this Site.

Sincerely,

Safety-Kleen Systems, Inc.



Stephen D. Fleming, PE, CHMM
Senior Remediation Manager

Copy: A. Everett, USEPA, New York, NY (1st Class Mail)

K. Graziano, Duro-Electric, Thornwood, NY (electronic)
N. Nelhuebel, Clean Harbors, Norwell, MA (CD - 1st Class Mail)
J. Markey, Woodard & Curran, Middletown, CT (electronic)

Figures

1. Depth to Water Across the Site
2. pH Across the Site
3. Dissolved Oxygen Across the Site
4. Mineral Spirit Range Organics Across the Site

Attachments

1. Maps
 - Monitoring Well Locations
 - Groundwater Contour Map –4/29/2020, 9/25/2020
2. Field Data Summaries
3. Tables
 - Table 1 – Field Data Water Quality
 - Table 2 – Compiled Chemical Data
4. Laboratory Reports

ATTACHMENT 1

Site Location Map

Groundwater Contour Maps



Garage w/
Offices Above

Two Story Concrete
Block Building with
Offices

GT-1R

GT-2R

GT-3

GT-5

GT-4

St. Charles St.

Franklin Ave

Marble Ave

0 15 30 60 90 120 Feet

**MONITORING WELL LOCATIONS
FORMER SAFETY-KLEEN SYSTEMS, INC.
THORNWOOD, NY**

SCALE: 1" = 60'

DATE: JANUARY 2016

DRAWN BY: MJO

Service Layer Credits: Source: Esri,
DigitalGlobe, GeoEye, Earthstar
Geographics, CNES/Airbus DS,
USDA, USGS, AEX, Getmapping,
Aerogrid, IGN, IGP, swisstopo, and
the GIS User Community

STORE

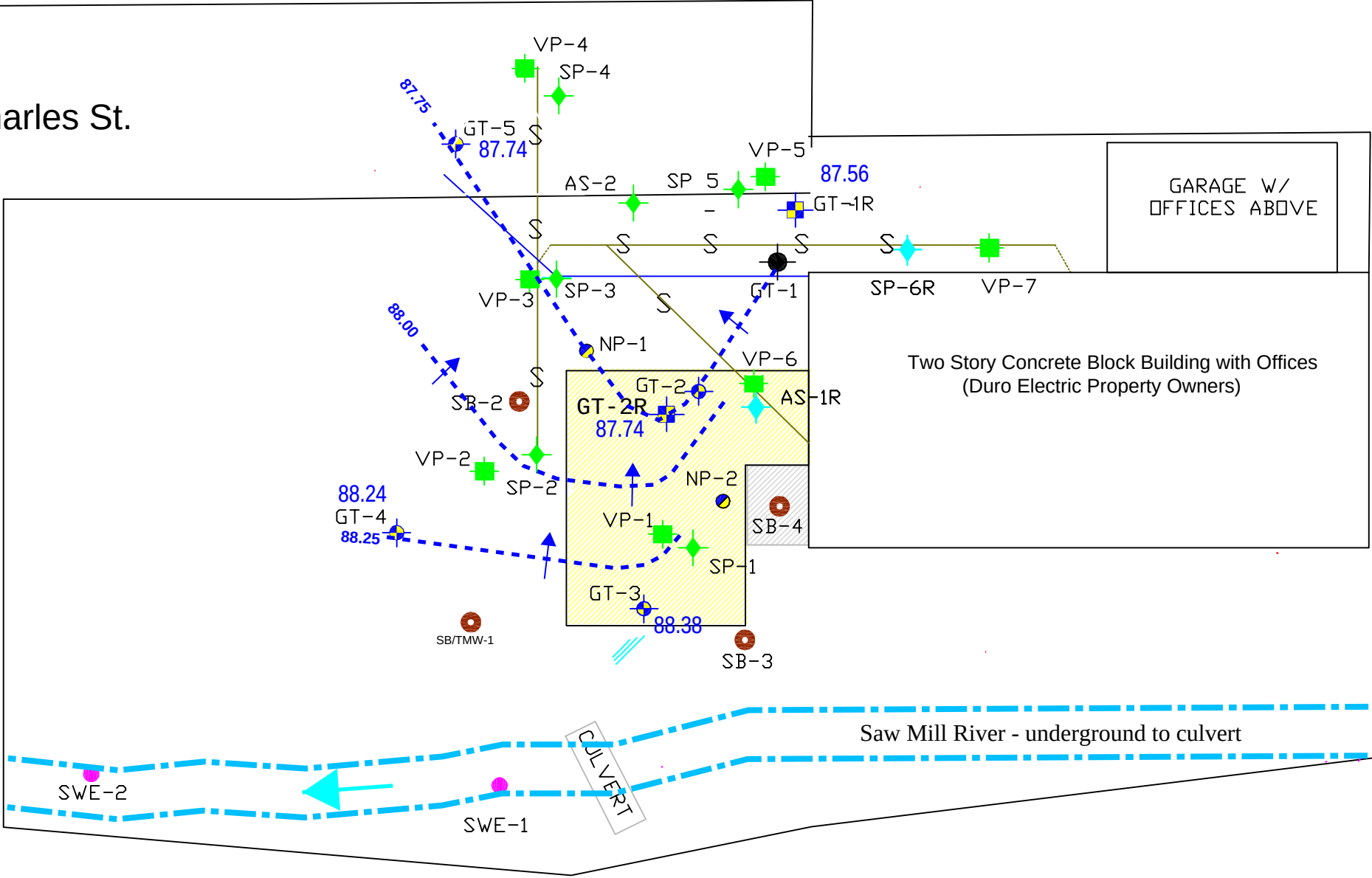
STORE

STORE

St. Charles St.

Gas
Station
Parking
Lot

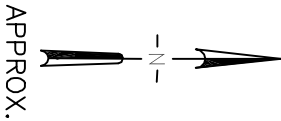
WALNUT PLACE



LEGEND

- MONITORING WELL
- REPLACEMENT MONITORING WELL
- ABANDONED MONITORING WELL
- MONITORING POINT (DEEP/SHALLOW)
- SOIL BORING
- VAPOR POINT
- SPARGE WELL
- REPLACEMENT SPARGE WELL (2" PVC)
- RIVER SAMPLING LOCATION
- 88.28 GROUNDWATER ELEVATION (feet)
- GROUNDWATER ELEVATION CONTOUR
- DIRECTION OF GROUNDWATER FLOW
- APPROXIMATE LOCATION OF CONCRETE PAD
- APPROXIMATE EXCAVATION LOCATION
- APPROXIMATE SEWER LINE LOCATION
- APPROXIMATE GAS LINE LOCATION

Average Gradient: 0.010 ft/ft



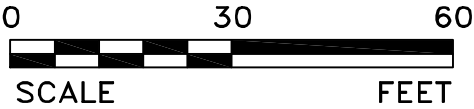
Former
Safety-Kleen Systems, Inc.
Thornwood, NY

Groundwater Contour Map - 4/29/20

Date:
7/19/13

Drawn By:
JLB

Scale:
as shown



Source - SKI, Revised: BES-6/11/13

STORE

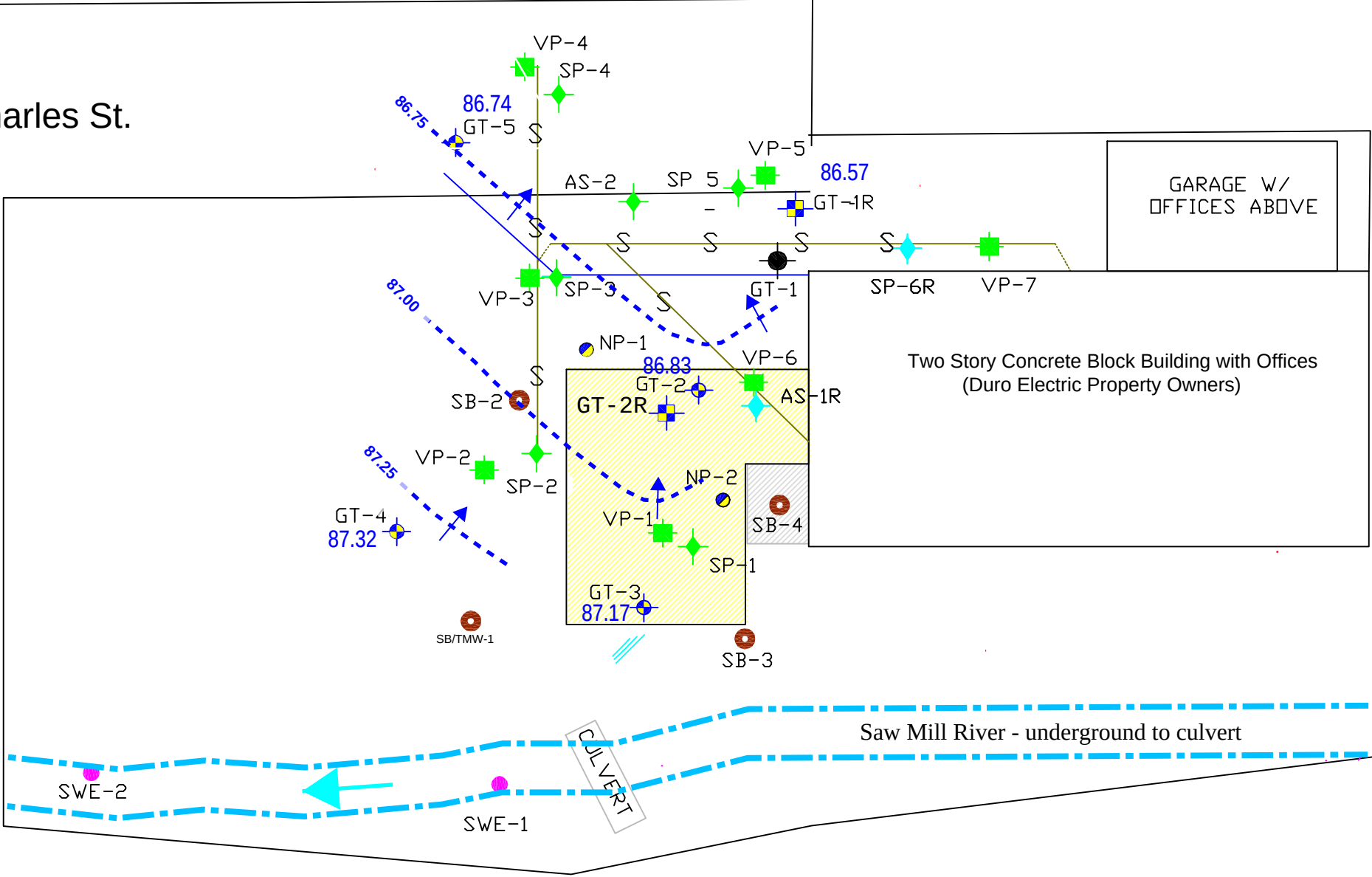
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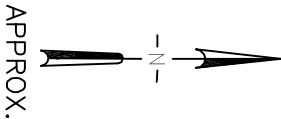
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Average Gradient: 0.008 ft/ft



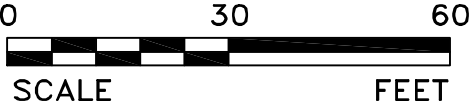
Former
Safety-Kleen Systems, Inc.
Thornwood, NY

Groundwater Contour Map - 9/25/20

Date:
7/19/13

Drawn By:
JLB

Scale:
as shown



Source - SKI, Revised: BES-6/11/13

ATTACHMENT 2

Field Data Summaries

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pH	7.68	12.65	9.00	8.20	7.68																																																																																																																																																																																																																																			
Conductivity in uS	1250	3297	786	809	1307																																																																																																																																																																																																																																			
Dissolved Oxygen (mg/L)	5.18	13.66	5.31	4.11	6.52																																																																																																																																																																																																																																			
ORP (Eh (Mv))	179.5	-12.9	72.5	100.8	146.1																																																																																																																																																																																																																																			
Turbidity (visual)	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy																																																																																																																																																																																																																																			
Comments	Duplicate sample set collected from GT-2R.																																																																																																																																																																																																																																							

GROUNDWATER SAMPLING RECORD

SITE NAME Former Safety-Kleen Service Center
27 St. Charles Street, Thornwood, NY

DATE 9/25/20
Weather overcast, 65-75°F

Samplers John Talley

Well Name / ID	GT-1R	GT-2R	GT-3	GT-4	GT-5		
Lab Analysis - EPA 8260c VOCs	Yes	Yes	Yes	Yes	Yes		
Lab Analysis - EPA 8015d MSRO	Yes	Yes	Yes	Yes	Yes		
Duplicate Sample:		Yes					
Diameter of Well Casing	2 in	2 in	2 in	2 in	2 in		
Depth of Well (ft.)	28.40	23.40	19.20	16.5	24.65		
ORC Socks - Remove Prior and Replace.		Yes					
Post- ~~No Longer~~							
Depth to Groundwater (ft.)	11.68	11.42	9.80	8.56	9.74		
* Water Column Height (ft.)	28.40	23.40	19.20	16.50	24.65		
Volume Purged (gal)	8.5	6.0	4.75	4.0	7.5		
Purging Method	Bailer	Bailer	Bailer	Bailer	Bailer		
Sample Time	22:30	18:30	19:30	20:30	21:30		
Sample date	9/25/20						
GW Visual Observations							
color	Brown	White	Brown	Tan	Brown		
sheen	No	No	No	No	No		
odor	No	No	No	No	No		
Field Parameters							
Temperature (C)	14.37	17.92	18.89	17.33	14.71		
pH	7.38	7.77	7.58	7.44	7.12		
Conductivity (uS)	1067	832	738	689	1226		
Dissolved Oxygen (mg/L)	4.24	3.58	3.65	3.65	4.55		
ORP (Eh (Mv))	34.7	-75.3	-67.3	12.8	52.4		
Turbidity (visual)	cloudy	cloudy	cloudy	cloudy	cloudy		
* Water Column Height (ft.)	16.72	11.98	9.40	7.96	14.91		

Comments

Complete field data in these rows.

Collect duplicate sample as indicated. A rinse blank is not needed if dedicated bailers are used to sample wells. Changeout ORC socks at least every year.

ATTACHMENT 3

Tables

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-1R								
7/6/05	11.33	86.92	13.0	7.23	683	3.35	NM	NM
9/20/05	12.47	85.78	15.3	7.41	658	3.75	95	OVR
12/12/05	10.74	87.51	12.7	8.01	563	4.20	100	NM
3/15/06	10.49	87.76	11.5	7.24	1143	5.15	146	0.15
6/22/06	10.80	87.45	14.0	7.07	1285	5.42	152	0.21
9/25/06	10.89	87.36	14.4	7.02	1464	3.83	429	NM
12/18/06	10.60	87.65	14.1	7.18	1344	3.85	-116	NM
3/26/07	10.23	88.02	12.5	7.07	1191	2.8	-28	NM
6/25/07	10.92	87.33	13.6	7.06	1049	2.06	-3	NM
9/19/07	11.68	86.57	15.8	7.21	1303	3.11	-35	NM
12/21/07	11.69	86.56	13.8	7.11	1122	3.10	-10	NM
3/28/08	10.42	87.83	12.3	7.04	814	2.85	-98	NM
6/18/08	11.23	87.02	13	7.19	1062	3.00	-100	NM
9/24/08	11.30	86.95	14.4	6.96	1422	3.90	160	NM
12/17/08	10.54	87.71	12.9	7.28	978	2.92	88	NM
3/11/09	10.09	88.16	11.7	7.23	1458	2.74	122	NM
6/16/09	10.75	87.5	13	7.15	1370	3.42	72	NM
9/23/09	11.06	87.19	14	7.97	1542	4.60	37	NM
12/29/09	9.94	88.31	12.50	7.30	1185	3.05	85	NM
3/23/10	8.91	89.34	11.2	7.05	1058	6.36	101	NM
6/21/10	10.93	87.32	12.9	7.38	811	3.02	-125	NM
9/21/10	11.81	86.44	13.8	7.57	728	2.95	-105	NM
12/14/10	11.04	87.21	13.4	7.68	698	3.08	-100	NM
3/23/11	9.45	88.80	10.4	7.20	839	2.99	-75	NM
6/15/11	10.20	88.05	12.6	7.45	580	2.02	-25	NM
9/14/11	9.02	89.23	16	7.34	574	3.68	-42	NM
12/15/11	9.58	88.67	14.3	7.42	505	3.28	-15	NM
3/13/12	10.61	87.64	12.6	7.08	491	2.88	-44	NM
6/19/12	10.99	87.26	14	7.24	514	2.47	-50	NM
9/11/12	11.31	86.94	14.1	7.58	603	2.40	-69	NM
12/19/12	10.92	87.33	13.1	7.04	505	3.55	-15	NM
3/13/13	10.38	87.87	11.8	7.22	513	3.80	-10	NM
6/19/13	9.83	88.42	13.4	7.46	654	4.58	-14	NM
2/24/14	11.10	87.15	11.9	7.70	450	4.07	147	NM
6/11/14	10.74	87.51	12.74	7.18	NM	6.84	124	NM
9/29/14	11.80	86.45	14.3	7.86	1126	3.40	114	NM
2/25/15	11.52	86.73	12.08	7.54	697	4.30	94	NM
9/22/15	11.83	86.42	14.03	6.67	903	1.77	52	NM
3/23/16	11.23	87.02	12.99	9.46	968	5.51	52	NM
12/20/16	11.45	86.80	12.56	7.21	1860	5.56	-39	NM
3/28/17	10.92	87.33	10.52	7.51	940	5.75	98	NM
9/26/17	11.40	86.85	17.65	7.32	851	5.31	61	NM
3/27/18	10.54	87.71	9.68	7.56	1309	4.97	147	NM
9/25/18	10.25	88.00	13.97	7.96	837	4.01	41	NM
3/26/19	9.97	88.28	11.44	8.10	827	5.48	60	NM
9/25/19	11.27	86.98	13.8	7.95	829	3.30	176	NM
4/29/20	10.69	87.56	11.38	7.68	1250	5.18	179.5	NM
9/25/20	11.68	86.57	14.37	7.38	1067	4.24	34.7	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-2R								
7/6/05	11.09	87.16	13.4	7.05	773	2.20	NM	NM
9/20/05	11.60	86.65	17.3	7.13	787	2.40	<-80	0.09
12/12/05	10.00	88.25	11	7.33	641	1.81	<-80	NM
3/15/06	NM	NM	NM	NM	NM	NM	NM	NM
6/22/06	10.60	87.65	16	7.01	1350	4.25	-50	0.20
9/25/06	10.73	87.52	17	7.06	1275	2.30	-65	NM
12/18/06	10.45	87.80	14.5	7.09	1274	2.80	-100	NM
3/26/07	10.05	88.20	12.4	7.03	1169	2.15	-110	NM
6/25/07	10.71	87.54	14	7.10	1194	3.00	-140	NM
9/19/07	11.49	86.76	16.9	7.02	1133	2.95	-100	NM
12/19/07	11.48	86.77	15.3	7.07	863	2.95	-75	NM
3/28/08	10.26	87.99	12.3	7.05	941	2.56	-157	NM
6/18/08	11.00	87.25	13.2	7.02	1047	2.85	-150	NM
9/24/08	11.12	87.13	16.7	6.79	969	1.81	-88	NM
12/17/08	10.38	87.87	14.5	7.01	1015	1.74	-87	NM
3/11/09	9.90	88.35	10.8	7.20	951	1.95	-58	NM
6/16/09	10.56	87.69	13.2	7.81	1156	2.18	-140	NM
9/23/09	10.88	87.37	16.2	7.71	1353	1.58	-163	NM
12/29/09	9.75	88.50	13.5	7.05	1250	1.75	-75	NM
3/23/10	8.71	89.54	10.8	7.06	1333	2.60	-50	NM
6/21/10	10.80	87.45	13.4	7.03	1184	1.71	-25	NM
9/21/10	11.62	86.63	17	7.04	1009	1.88	-50	NM
12/14/10	10.88	87.37	14.3	7.08	839	1.95	-75	NM
3/23/11	9.24	89.01	11	7.02	795	2.05	-58	NM
6/15/11	10.03	88.22	13.3	7.32	762	8.38	10	NM
9/14/11	8.85	89.40	17.5	7.23	755	6.28	-115	NM
12/15/11	9.40	88.85	15	7.69	654	5.10	-109	NM
3/13/12	10.43	87.82	13	7.11	634	4.11	-10	NM
6/19/12	10.83	87.42	15.2	7.34	705	3.95	-22	NM
9/11/12	11.12	87.13	17.2	7.90	689	4.44	-31	NM
12/19/12	10.78	87.47	14.5	10.42	905	6.10	110	NM
3/13/13	10.23	88.02	11.6	11.29	1388	6.20	105	NM
6/19/13	9.74	88.51	13.5	11.12	1336	8.25	88	NM
2/24/14	11.06	87.19	10.3	7.82	480	4.67	96	NM
6/11/14	10.58	87.67	12.66	8.86	NM	4.60	-5	NM
9/29/14	11.60	86.65	17.63	12.20	3816	10.17	114	NM
9/22/15	11.80	86.45	17.07	11.30	1015	30.66	-90	NM
3/23/16	11.06	87.19	12.72	12.18	2742	12.71	19	NM
12/20/16	11.44	86.81	14.74	9.23	1462	5.13	0	NM
3/28/17	10.78	87.47	9.32	10.73	764	7.77	120	NM
9/26/17	11.30	86.95	17.43	8.93	1134	5.23	140	NM
3/27/18	10.55	87.70	10.35	9.24	1075	2.46	-47	NM
9/25/18	10.06	88.19	17.21	12.45	4631	14.71	51	NM
3/26/19	10.40	87.85	11.96	12.37	2648	14.23	-131	NM
9/25/19	11.10	87.15	17.4	12.32	2737	13.30	-7	NM
4/29/20	10.51	87.74	10.79	12.65	3297	13.66	-12.9	NM
9/25/20	11.42	86.83	17.92	7.77	832	3.58	-75.3	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-3								
7/6/05	9.58	87.39	13.4	7.15	561	2.22	NM	NM
9/20/05	10.50	86.47	18.8	7.43	525	2.21	<-80	0.27
12/12/05	9.10	87.87	12.5	7.23	507	2.81	<-80	NM
3/15/06	8.73	88.24	10.1	6.98	913	2.90	-8	>1.5
6/22/06	9.05	87.92	14	6.92	847	3.58	-53	>1.5
9/25/06	9.15	87.82	17	7.04	707	3.55	-73	NM
12/18/06	8.98	87.99	15	7.04	800	2.48	-122	NM
3/26/07	8.33	88.64	10.5	7.03	722	2.50	-115	NM
6/25/07	9.18	87.79	12.8	7.07	830	2.77	-123	NM
9/19/07	9.99	86.98	17.8	7.12	646	2.88	-95	NM
12/19/07	10.07	86.90	13.7	7.07	678	2.47	-105	NM
3/28/08	8.63	88.34	9.8	7.09	903	2.45	-170	NM
6/18/08	9.35	87.62	12.6	7.04	870	2.95	-125	NM
9/24/08	9.50	87.47	17.5	6.74	854	1.93	-47	NM
12/17/08	8.65	88.32	12.8	6.99	1310	1.89	-25	NM
3/11/09	7.73	89.24	9	7.10	1301	1.80	52	NM
6/16/09	8.81	88.16	11	8.17	717	0.60	-79	NM
9/23/09	9.23	87.74	16.2	8.09	650	2.20	-109	NM
12/29/09	8.05	88.92	14	7.44	785	2.80	-59	NM
3/23/10	7.02	89.95	8.7	7.05	933	1.55	-24	NM
6/21/10	9.05	87.92	13.5	6.90	854	2.90	-154	NM
9/21/10	9.83	87.14	17.5	7.05	383	3.08	-150	NM
12/14/10	9.08	87.89	14.6	7.60	596	3.50	-125	NM
3/23/11	7.71	89.26	9	8.01	729	3.01	-85	NM
6/15/11	8.43	88.54	11.5	7.03	714	1.80	-45	NM
9/14/11	7.39	89.58	18.4	7.30	636	2.67	-40	NM
12/15/11	7.85	89.12	15.1	7.03	630	2.08	-48	NM
3/13/12	8.74	88.23	11.2	7.03	527	1.98	-22	NM
6/19/12	9.10	87.87	14	7.50	492	2.05	-10	NM
9/11/12	9.53	87.44	18	7.10	488	3.15	-174	NM
12/19/12	9.09	87.88	13.2	7.04	400	3.80	25	NM
3/13/13	8.36	88.61	9	7.42	369	3.01	10	NM
6/19/13	8.03	88.94	12.3	7.10	543	3.64	6	NM
2/24/14	9.06	87.91	8.5	8.82	471	0.70	-11	NM
6/11/14	8.72	88.25	12.04	6.55	NM	3.66	-46	NM
9/29/14	9.96	87.01	17.81	8.28	907	2.83	-95	NM
9/22/15	9.90	87.07	17.52	8.82	1268	2.11	-175	NM
3/23/16	9.26	87.71	10.17	6.99	998	4.28	35	NM
12/20/16	9.51	87.46	13.69	7.28	1664	3.65	-58	NM
3/28/17	8.69	88.28	6.6	10.20	1035	3.98	93	NM
9/26/17	9.47	87.50	18.05	7.90	877	4.23	229	NM
3/27/18	8.55	88.42	7.28	7.04	1721	1.78	-22	NM
9/25/18	7.98	88.99	18.02	7.97	976	4.02	-105	NM
3/26/19	7.18	89.79	9.12	8.03	1095	5.34	45	NM
9/25/19	9.30	87.67	17.8	7.01	706	2.67	-76	NM
4/29/20	8.59	88.38	8.57	9.00	786	5.31	72.5	NM
9/25/20	9.80	87.17	18.89	7.58	738	3.65	-67.3	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-4								
7/6/05	8.28	87.60	12.7	7.03	697	2.92	NM	NM
9/20/05	9.19	86.69	17.4	7.23	680	2.10	15	-0.42
12/12/05	7.77	88.11	13.5	7.35	603	3.00	50	NM
3/15/06	7.66	88.22	11.2	7.00	1036	3.10	40	0.40
6/22/06	7.90	87.98	13.5	7.15	1049	3.90	-23	>1.5
9/25/06	7.94	87.94	16.5	7.04	1025	4.00	60	NM
12/18/06	7.80	88.08	14.8	7.02	851	2.95	-88	NM
3/26/07	7.30	88.58	10.5	7.03	703	3.15	-81	NM
6/25/07	7.95	87.93	13	7.07	1144	3.06	-66	NM
9/19/07	8.58	87.30	17.2	7.03	1087	3.85	-60	NM
12/19/07	8.55	87.33	14.7	7.07	826	3.05	-60	NM
3/28/08	7.56	88.32	9.3	7.06	1040	3.55	-120	NM
6/18/08	8.12	87.76	12.3	7.04	1021	3.65	-105	NM
9/24/08	8.26	87.62	16.4	6.77	1199	1.39	62	NM
12/17/08	7.56	88.32	13.5	7.15	762	2.25	26	NM
3/11/09	6.97	88.91	9.1	7.15	1465	3.58	47	NM
6/16/09	7.75	88.13	11.5	7.96	1158	1.00	-9	NM
9/23/09	8.10	87.78	14.6	7.94	662	1.95	-21	NM
12/29/09	7.14	88.74	13.5	7.55	725	2.25	15	NM
3/23/10	6.07	89.81	9.5	7.05	844	2.18	57	NM
6/21/10	7.94	87.94	12	7.04	1392	2.56	-110	NM
9/21/10	8.64	87.24	13.2	7.03	901	3.20	-95	NM
12/14/10	8.03	87.85	14.8	7.38	728	3.08	-90	NM
3/23/11	6.84	89.04	9.8	7.81	670	3.85	-70	NM
6/15/11	7.50	88.38	11.6	7.06	914	0.86	-20	NM
9/14/11	6.51	89.37	16.8	7.04	761	1.06	-117	NM
12/15/11	6.94	88.94	15.1	7.05	698	2.85	-95	NM
3/13/12	7.78	88.10	12.7	7.08	665	2.81	-88	NM
6/19/12	8.07	87.81	13.5	7.48	588	2.60	-35	NM
9/11/12	8.31	87.57	17	7.41	548	2.30	-97	NM
12/19/12	7.97	87.91	14	7.07	459	3.10	60	NM
3/13/13	7.34	88.54	10.1	7.13	471	3.55	60	NM
6/19/13	7.18	88.70	11.6	7.30	540	2.40	47	NM
2/24/14	7.95	87.93	9.6	7.92	459	4.97	83	NM
6/11/14	7.78	88.10	9.43	6.70	NM	3.26	28	NM
9/29/14	8.86	87.02	16.86	8.00	788	3.14	-40	NM
2/25/15	8.42	87.46	9.12	7.57	518	7.56	51	NM
9/22/15	8.67	87.21	16.87	6.88	892	2.76	65	NM
3/23/16	8.18	87.70	10.6	7.04	914	4.75	40	NM
12/20/16	8.36	87.52	14.79	7.45	1278	3.43	-54	NM
3/28/17	7.70	88.18	6.76	9.57	1115	3.90	117	NM
9/26/17	8.16	87.72	17.1	7.25	945	4.46	47	NM
3/27/18	7.61	88.27	8.2	7.59	1128	2.52	58	NM
9/25/18	7.10	88.78	16.99	7.11	939	3.29	65	NM
3/26/19	8.02	87.86	10.66	7.52	1281	5.30	28	NM
9/25/19	8.22	87.66	16.2	7.20	954	3.70	2	NM
4/29/20	7.64	88.24	8.8	8.20	809	4.11	100.8	NM
9/25/20	8.56	87.32	17.33	7.44	689	3.65	12.8	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
GT-5								
7/6/05	9.35	87.13	13.6	7.23	867	3.79	NM	NM
9/20/05	9.70	86.78	16	7.33	800	3.28	85	0.27
12/12/05	8.80	87.68	13	7.61	633	2.70	95	NM
3/15/06	8.56	87.92	11.8	7.03	1438	4.91	108	0.20
6/22/06	8.84	87.64	15	6.90	1489	4.22	151	0.11
9/25/06	8.98	87.50	15	7.05	1438	4.15	82	NM
12/18/06	8.65	87.83	13.3	7.21	1132	2.50	-28	NM
3/26/07	8.27	88.21	12.4	7.06	1062	2.50	-61	NM
6/25/07	8.97	87.51	14.5	7.08	1243	2.25	-8	NM
9/19/07	9.75	86.73	15.1	7.13	1161	2.80	-50	NM
12/19/07	9.78	86.70	13.2	7.05	1037	3.05	-60	NM
3/28/08	8.44	88.04	12.6	7.05	950	2.88	-91	NM
6/18/08	9.27	87.21	13.8	7.03	1126	3.05	-65	NM
9/24/08	9.35	87.13	15.4	6.72	1336	2.80	142	NM
12/17/08	8.60	87.88	12.9	7.00	1288	3.40	-73	NM
3/11/09	8.11	88.37	12.2	7.25	1171	3.05	108	NM
6/16/09	8.80	87.68	12.9	7.87	1095	1.61	40	NM
9/23/09	9.11	87.37	14	7.88	1173	2.68	19	NM
12/29/09	8.00	88.48	12.5	7.75	1255	2.95	-15	NM
3/23/10	6.94	89.54	11.7	7.03	776	0.96	86	nm
6/21/10	9.01	87.47	13.7	7.02	1304	3.10	-123	NM
9/21/10	9.86	86.62	14.5	7.32	897	3.20	-130	NM
12/14/10	9.10	87.38	13.3	7.50	764	3.30	-108	NM
3/23/11	7.51	88.97	10	7.53	759	4.22	-100	NM
6/15/11	8.25	88.23	13.3	7.12	786	1.78	-60	NM
9/14/11	7.09	89.39	14.2	7.23	580	1.46	-83	NM
12/15/11	7.61	88.87	14.3	7.35	585	1.86	-102	NM
3/13/12	8.64	87.84	13.2	7.07	627	2.05	-85	NM
6/19/12	9.04	87.44	14.5	7.19	706	2.50	-60	NM
9/11/12	9.40	87.08	15	7.61	744	3.20	-72	NM
12/19/12	8.98	87.50	13.2	7.07	531	2.55	40	NM
3/13/13	8.41	88.07	11.8	7.15	512	2.88	10	NM
6/19/13	7.92	88.56	13.8	7.33	556	3.66	2	NM
2/24/14	9.13	87.35	11.5	7.74	486	4.97	136	NM
6/11/14	8.79	87.69	13.35	6.88	NM	5.19	118	NM
9/29/14	9.82	86.66	15.21	8.14	1157	3.85	116	NM
9/22/15	9.83	86.65	15.33	7.04	1585	9.36	-57	NM
3/23/16	9.28	87.20	12.7	7.75	1371	6.20	167	NM
12/20/16	9.51	86.97	12.58	7.24	2627	5.41	-40	NM
3/29/17	8.97	87.51	9.96	9.42	1234	5.03	72	NM
9/26/17	9.47	87.01	15.23	7.44	1299	4.54	-21	NM
3/27/18	8.58	87.90	6.82	7.20	1429	5.77	145	NM
9/25/18	8.25	88.23	13.75	7.38	1005	4.66	99	NM
3/26/19	8.01	88.47	11.96	7.45	1004	7.53	126	NM
9/25/19	9.37	87.11	14.2	7.18	964	4.08	176	NM
4/29/20	8.74	87.74	11.16	7.68	1307	6.52	146.1	NM
9/25/20	9.74	86.74	14.71	7.12	1226	4.55	52.4	NM

Table 1
Historic Groundwater Field Data Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

Date	PARAMETER							
	DTW (ft)	GW Elevation (ft)	Temp	pH	Cond.	D.O.	Eh	Ozone
			°C	unitless	uS	mg/L	mV	mg/L
Notes:								
uS = Microsiemens				DO = Dissolved Oxygen				
mV = Millivolts				B = Analyte in a blank				
mg/l = Milligrams per Liter				NM = Not Measured				
GW = Groundwater				ND = Not Detected				
DTW = Depth to Water				OVR = Over Instrument Range				
ft = Feet								
Total Concentration / Duplicate Concentration (Dissolved Concentration)								

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5	50
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits
GT-1	12/13/93	NA	NA	NA	NA	NA	NA	100	NA	33	67	NA	NA	NA	170	NA	NA	140	240	NA	22	11	ND	680	64	NA	NA
	7/6/94	NA	NA	NA	NA	NA	NA	75	6	ND	66	NA	NA	NA	60	NA	NA	110	160	NA	17	ND	ND	190	ND	NA	740
	10/19/94	NA	NA	NA	NA	NA	NA	150	10	4	56	NA	NA	NA	120	NA	NA	110	210	NA	19	ND	ND	300	ND	NA	900
	1/26/95	NA	NA	NA	NA	NA	NA	90	7	35	47	NA	NA	NA	120	NA	NA	130	160	NA	23	ND	ND	110	34	NA	310
	4/13/95	NA	NA	NA	NA	NA	NA	93	6	36	64	NA	2	NA	130	NA	NA	120	230	NA	24	ND	ND	170	59	NA	250
	7/25/95	NA	NA	NA	ND	NA	NA	65	10	ND	72	2	4	NA	ND	NA	NA	88	ND	ND	24	ND	ND	ND	16	NA	7793
	1/23/96	NA	NA	NA	7	ND	NA	64	7	27	47	2	2	NA	ND	NA	NA	66	ND	ND	17	ND	3	ND	112	NA	5220
	4/23/96	NA	NA	NA	3	ND	NA	92	5	51	9	ND	ND	NA	ND	NA	NA	68	ND	ND	21	ND	ND	ND	5	NA	1040
	7/18/96	NA	NA	NA	ND	NA	NA	6	ND	6	3	NA	6	NA	5	NA	NA	ND	5	6	ND	ND	ND	5	ND	NA	ND
	10/8/96	NA	NA	NA	4	ND	NA	22	5	19	10	ND	ND	NA	25	NA	NA	64	20	ND	7	ND	ND	2	3	NA	709
	1/7/97	NA	NA	NA	8	ND	NA	55	8	37	14	ND	ND	NA	60	NA	NA	103	58	ND	16	2	ND	17	16	NA	350
	4/1/97	NA	NA	NA	6	2	NA	59	7	43	11	ND	ND	NA	50	NA	NA	99	38	ND	14	ND	ND	5	55	NA	2030
	7/1/97	NA	NA	NA	5	ND	NA	35	7	27	8	ND	ND	NA	38	NA	NA	60	20	ND	9	ND	ND	32	557	NA	370
	10/29/97	NA	NA	NA	5	ND	NA	57	7	39	7	ND	ND	NA	59	NA	NA	6	16	ND	3	2	4	46	157	NA	190
	1/14/98	NA	NA	NA	4	ND	NA	46	5	30	6	ND	ND	NA	59	NA	NA	5	13	ND	2	1	10	49	352	NA	119
	4/10/98	NA	NA	NA	2	ND	NA	44	5	19	5	ND	1	NA	73	NA	NA	9	20	ND	3	8	7	71	352	NA	222
	7/22/98	NA	NA	NA	6	ND	ND	26	5	19	4	ND	2	NA	50	NA	NA	2	7	ND	2	ND	3	40	474	NA	1750
	10/14/98	NA	NA	NA	6	ND	ND	42	7	26	5	ND	1	NA	50	NA	NA	ND	10	ND	ND	1	88	47	759	NA	430
	DUPLICATE	NA	NA	NA	4	ND	ND	43	6	29	4	ND	ND	NA	64	NA	NA	ND	8	ND	ND	ND	110	52	390	NA	260
	1/6/99	NA	NA	NA	8	ND	ND	57	7	29	6	ND	ND	NA	82	NA	NA	ND	25	ND	ND	3	160	76	497	NA	490
	DUPLICATE	NA	NA	NA	5	ND	ND	48	5	29	4	ND	ND	NA	81	NA	NA	ND	17	ND	ND	3	190	66	310	NA	1
	4/7/99	NA	NA	NA	6	NA	NA	73	6	26	5	ND	ND	NA	65	NA	NA	3	14	ND	1	2	116	86	246	NA	1080
	DUPLICATE	NA	NA	NA	4	ND	ND	46	5	27	3	ND	ND	NA	66	NA	NA	ND	11	ND	ND	2	220	60	180	NA	1
	7/1/99	NA	NA	NA	ND	ND	ND	57	ND	35	ND	ND	ND	NA	88	NA	NA	ND	16	ND	ND	ND	83	110	75	NA	646
	DUPLICATE	NA	NA	NA	ND	ND	ND	64	ND	38	ND	ND	ND	NA	92	NA	NA	ND	17	ND	ND	ND	88	110	93	NA	1080
	10/28/99	NA	NA	NA	3	ND	ND	39	6	32	2	ND	ND	NA	59	NA	NA	ND	2	ND	ND	1	14	69	35	NA	ND
	DUPLICATE	NA	NA	NA	3	ND	ND	43	5	24	ND	ND	ND	NA	62	NA	NA	ND	NA	ND	ND	ND	20	68	39	NA	220
	12/8/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/9/00	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	7	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	8	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/27/00	NA	NA	NA	ND	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	12	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/27/00	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	15	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	13	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	9	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	9	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	17	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	15	ND	ND	ND	ND	ND	ND	ND	NA	ND
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	10	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	10	ND	ND	ND	ND	ND	ND	ND	NA	ND
GT-1R	8/29/02	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	8	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/29/03	NA	NA	NA	2	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	2	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/4/04	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	8	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	7	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/29/04	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/17/04	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/24/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	7/6/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	1	ND	ND	ND	NA	ND
	9/20/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	12/12/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/15/06	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	6	ND	ND	ND	ND	ND	ND	ND	NA	ND

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

		Volatile Organic Compounds Method 8260B (ug/L)																										
T.O.G.S 1.1.1 Standards		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-1R (cont.)	6/22/06	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/25/06	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/18/06	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	5	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	3/26/07	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	6/25/07	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/19/07	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/19/07	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	3/28/08	NA	NA	NA	ND	ND<1	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	6/18/08	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/24/08	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/17/08	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	3/11/09	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	3.4	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	6/16/09	NA	NA	NA	ND	ND<1	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2.3	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/23/09	NA	NA	NA	ND	ND<1	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2.5	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/29/09	1.6 JB	ND<0.21	ND<0.077	ND<0.057	1.5 J	ND<0.2	ND<0.2	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.40 JB	ND<0.12	1.3 J	ND<0.16	ND<0.11	0.35 J	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50
	3/23/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.75 J	ND<0.20	ND<0.20	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.27 JB	ND<0.12	2.6 J	ND<0.16	ND<0.11	0.57 J	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50
	6/21/10	0.69 JB	ND<0.21	ND<0.077	ND<0.057	1.7 J	ND<0.20	ND<0.20	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.47 JB	ND<0.12	1.5 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50
	9/21/10	0.98 J	ND<0.21	ND<0.077	ND<0.057	2.0 J	ND<0.20	ND<0.20	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.58 JB	ND<0.12	0.51 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50
	12/14/10	0.75 J	ND<0.21	ND<0.077	ND<0.057	1.6 J	ND<0.20	ND<0.20	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.55 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50
	3/23/11	0.78 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.2	ND<0.2	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.14 JB	ND<0.12	3.0 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50
	6/15/11	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.39 JB	ND<0.2	ND<0.2	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.13 JB	ND<0.12	1.1 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50
	9/14/11	1.3 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.2	ND<0.2	ND<0.063	ND<0.072	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.17 JB	ND<0.12	1.5 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50
	12/15/11	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	1.3 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/14/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.42 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.28 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	9/11/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.24 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	12/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.34 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	3/13/13	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.52 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/19/13	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	2.2 J	ND<5.0	ND<1.0	0.11 J	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	2/24/14	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.53 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50
	6/11/14																											

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																										
		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-2 (cont.)	2/9/00	NA	NA	NA	1	ND	ND	ND	ND	ND	3	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/27/00	NA	NA	NA	2	ND	ND	2	ND	3	2	2	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	ND
	6/27/00	NA	NA	NA	2	ND	ND	2	1	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	N/A	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	5/7/02	NA	NA	NA	ND	ND	ND	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	8/29/02	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	2	ND	ND	ND	ND	NA	ND	
	11/14/02	NA	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	ND
	4/21/03	NA	NA	NA	2	N/A	N/A	ND	ND	1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/29/03	NA	NA	NA	7	N/A	N/A	2	2	6	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	6	1	NA	3700
	11/20/03	NA	NA	NA	6	N/A	N/A	3	2	8	ND	ND	ND	NA	1	NA	NA	ND	ND	2	ND	ND	ND	ND	9	1	NA	13000
	DUPLICATE	NA	NA	NA	6	N/A	N/A	3	2	9	ND	ND	ND	NA	1	NA	NA	ND	ND	2	ND	ND	ND	ND	11	1	NA	1700
	2/4/04	NA	NA	NA	8	N/A	N/A	2	1	4	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	8	ND	NA	7200
	6/29/04	NA	NA	NA	4	N/A	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	2	ND	NA	180
	DUPLICATE	NA	NA	NA	4	N/A	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	2	ND	NA	140
	11/17/04	NA	NA	NA	ND	N/A	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.76J
	DUPLICATE	NA	NA	NA	6	N/A	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	0.180J
	3/25/05	NA	NA	NA	6	N/A	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	1600
	DUPLICATE	NA	NA	NA	7	N/A	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	2800
	7/6/05	NA	NA	NA	5	N/A	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	3200
	DUPLICATE	NA	NA	NA	5	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	1	ND	1	ND	NA	2300
	9/20/05	NA	NA	NA	7	N/A	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	170
	DUPLICATE	NA	NA	NA	7	N/A	N/A	1	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	1	ND	NA	880
	12/12/05	NA	NA	NA	3	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	5700
	DUPLICATE	NA	NA	NA	3	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	1300
	6/22/06	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	3	ND	NA	2300
	DUPLICATE	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	3	ND	NA	1500
	9/25/06	NA	NA	NA	6	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	430
	DUPLICATE	NA	NA	NA	5	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	490
	12/18/06	NA	NA	NA	5	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	1200
	DUPLICATE	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	730
	3/26/07	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	300
	DUPLICATE	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	270
	6/25/07	NA	NA	NA	4	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	230
	DUPLICATE	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	270
	9/19/07	NA	NA	NA	6	N/A	N/A	ND	ND	3	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	440
	DUPLICATE	NA	NA	NA	6	N/A	N/A	1	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	440
12/19/07	NA	NA	NA	3	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	640	
DUPLICATE	NA	NA	NA	3	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	650	
3/28/08	NA	NA	NA	4	ND<1	ND<1	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	260	
DUPLICATE	NA	NA	NA	4	ND<1	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	270	
6/18/08	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	300	
DUPLICATE	NA	NA	NA	4	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	290	
9/24/08	NA	NA	NA	ND	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	810	
DUPLICATE	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	430	
12/17/08	NA	NA	NA	ND	N/A	N/A	ND	ND	2	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	1300	
DUPLICATE	NA	NA	NA	3.5	N/A																							

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																									
		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5	50
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits
GT-2R (cont.)	3/23/10	0.99 JB	ND<0.21	ND<0.077	3.8 J	ND<0.12	ND<0.20	0.73 J	0.41 J	1.6 J	0.17 J	ND<0.12	ND<0.19	0.24 J	ND<0.14	0.17 JB	0.24 J	ND<0.11	ND<0.16	ND<0.11	0.37 J	ND<0.18	ND<0.14	0.24 J	0.24 J	ND<0.12	1200
	DUPLICATE	ND<0.58	ND<0.21	0.23 J	4.2 J	ND<0.12	ND<0.20	0.82 J	0.48 J	1.9 J	0.21 J	ND<0.12	ND<0.19	0.37 J	ND<0.14	ND<0.091	0.30 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	0.30 J	0.37 J	0.79 J	640
	6/21/10	0.72 JB	ND<0.21	ND<0.077	4.6 J	ND<0.12	ND<0.20	0.90 J	0.56 J	2.1 J	0.14 J	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	0.22 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.21 J	ND<0.12	1000
	DUPLICATE	ND<0.58	ND<0.21	ND<0.077	4.8 J	ND<0.12	ND<0.20	0.78 J	0.54 J	2.1 J	ND<0.13	ND<0.12	ND<0.19	0.24 J	ND<0.14	0.15 JB	0.16 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.24 J	ND<0.12	1700
	9/21/10	1.3 J	ND<0.21	ND<0.077	4.0 J	ND<0.12	ND<0.20	0.79 J	0.47 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	0.34 J	ND<0.14	0.14 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.34 J	ND<0.12	1000
	DUPLICATE	1.6 J	ND<0.21	0.11 J	4.1 J	ND<0.12	ND<0.20	0.75 J	0.48 J	1.7 J	0.20 J	ND<0.12	ND<0.19	0.28 J	ND<0.14	0.15 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.28 J	ND<0.12	1200
	12/14/10	1.0 J	ND<0.21	ND<0.077	3.9 J	ND<0.12	ND<0.20	0.71 J	0.41 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	0.25 J	ND<0.14	ND<0.091	0.12 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.25 J	ND<0.12	1800
	DUPLICATE	ND<0.58	ND<0.21	ND<0.077	3.8 J	ND<0.12	ND<0.20	0.72 J	0.47 J	1.6 J	0.16 J	ND<0.12	ND<0.19	0.27 J	ND<0.14	ND<0.091	0.17 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	0.27 J	ND<0.12	1900
	3/23/11	ND<0.58	ND<0.21	ND<0.077	5.1	ND<0.12	ND<0.2	0.78 J	0.51 J	1.8 J	ND<0.13	ND<0.12	ND<0.19	0.34 J	ND<0.14	0.11 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.34 J	ND<0.12	910
	DUPLICATE	1.4 J	ND<0.21	ND<0.077	5.4	ND<0.12	ND<0.2	0.78 J	0.48 J	1.9 J	ND<0.13	ND<0.12	ND<0.19	0.30 J	ND<0.14	0.16 JB	0.18 J	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.30 J	ND<0.12	910
	6/15/11	3.9 J	ND<0.21	ND<0.077	3.0 J	ND<0.12	ND<0.2	0.47 J	0.35 J	1.4 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.16 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	510
	DUPLICATE	4.4 J	ND<0.21	ND<0.077	2.9 J	ND<0.12	ND<0.2	0.46 J	0.27 J	1.4 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.16 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	550
	9/14/11	2.2 J	ND<0.21	ND<0.077	4.4 J	ND<0.12	ND<0.2	0.63 J	0.45 J	1.8 J	ND<0.13	ND<0.12	ND<0.19	0.25 J	ND<0.14	ND<0.091	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.25 J	ND<0.12	310
	DUPLICATE	3.0 J	ND<0.21	ND<0.077	4.3 J	ND<0.12	ND<0.2	0.59 J	0.30 J	1.7 J	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.28 JB	ND<0.12	ND<0.11	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	0.22 J	ND<0.12	230
	12/15/11	ND<50	ND<5.0	ND<60	5.3	ND<7.0	ND<5.0	0.87 J	0.48 J	2.2 J	ND<5.0	ND<1.0	ND<5.0	0.30 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.29 J	ND<5.0	990
	DUPLICATE	ND<50	ND<5.0	ND<60	5.4	ND<7.0	ND<5.0	0.92 J	0.46 J	2.3 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.25 J	ND<5.0	820
	3/13/12	ND<50	ND<5.0	ND<60	3.9 J	ND<7.0	ND<5.0	0.61 J	0.35 J	1.7 J	0.18 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.23 J	ND<5.0	350
	DUPLICATE	ND<50	ND<5.0	ND<60	4.6 J	ND<7.0	ND<5.0	0.64 J	0.39 J	2.0 J	0.16 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.27 J	ND<5.0	420
	6/19/12	6.4 J	ND<5.0	ND<60	3.3 J	ND<7.0	ND<5.0	0.58 J	0.37 J	1.4 J	0.18 J	ND<1.0	ND<5.0	0.34 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.34 J	ND<5.0	400
	DUPLICATE	8.1 J	ND<5.0	ND<60	3.2 J	ND<7.0	ND<5.0	0.58 J	0.35 J	1.4 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	0.28 J	ND<5.0	400
	9/11/12	ND<50	ND<5.0	ND<60	4.0 J	ND<7.0	ND<5.0	0.62 J	0.39 J	1.5 J	0.18 J	ND<1.0	ND<5.0	0.31 J	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.16 J	ND<2.0	ND<5	0.31 J	ND<5.0	330
	DUPLICATE	ND<50	ND<5.0	0.16 J	4.5 J	ND<7.0	ND<5.0	0.72 J	0.42 J	1.8 J	0.14 J	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	560
	12/19/12	11 J	ND<5.0	ND<60	5.4	ND<7.0	ND<5.0	0.70 J	0.46 J	2.0 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.24 J	ND<2.0	ND<5	ND<5.0	ND<5.0	250
	DUPLICATE	9.2 J	ND<5.0	ND<60	5.5	ND<7.0	ND<5.0	0.76 J	0.51 J	2.0 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.24 J	ND<2.0	ND<5	ND<5.0	ND<5.0	300
	3/13/13	ND<50	ND<5.0	ND<60	3.2 J	ND<7.0	ND<5.0	0.46 J	0.29 J	1.2 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.26 J	ND<2.0	ND<5	ND<5.0	ND<5.0	650
	DUPLICATE	ND<50	ND<5.0	ND<60	3.1 J	ND<7.0	ND<5.0	0.51 J	0.31 J	1.2 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.27 J	ND<2.0	ND<5	ND<5.0	ND<5.0	590
	6/19/13	ND<50	ND<5.0	ND<60	4.5 J	1.8 J	ND<5.0	0.61 J	0.39 J	1.6 J	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	0.15 J	ND<2.				

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																										
		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-3	7/6/94	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	
	10/19/94	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	
	1/26/95	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/13/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/25/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/4/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/23/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/23/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/18/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/8/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/7/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/1/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	7	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/1/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/98	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/29/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/98	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/10/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/22/98	NA	NA	NA	ND	ND	9	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/14/98	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/6/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/9/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/28/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/9/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/11/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/29/02	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	2	ND	ND	ND	ND	ND	NA	ND
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/29/03	NA	NA	NA	3	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/4/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/29/04	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/17/04	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	3/25/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
7/6/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/20/05	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/12/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/15/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/22/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/25/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/18/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/26/07	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
6/25/07	NA	NA	NA	ND	N/A																							

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																											
		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	5			
Sample ID	Sample Date	Acetone	Bromometha ne	Carbon Disulfide	Chloro- benzene	Chloroform	Chlorometha ne	1,2-Dichloro- benzene	1,3-Dichloro- benzene	1,4-Dichloro- benzene	1,1-Dichloro- ethane	1,2-Dichloro- ethane	1,1-Dichloro- ethene	1,2-Dichloro- ethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloro- ethene	1,1,1- Trichloro- ethane	1,1,2- Trichloro- ethane	Trichloro- ethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2- Dichloro- ethene	Iodo- methane	Mineral Spirits		
GT-5	4/13/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/25/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	1	NA	ND	
	10/4/95	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/23/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	56	
	4/23/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/18/96	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	NA	ND	NA	NA	1	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/8/96	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/7/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/1/97	NA	NA	NA	ND	7	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/1/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/29/97	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	1	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/14/99	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/10/98	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/22/98	NA	NA	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/14/98	NA	NA	NA	ND	ND	2	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	1/6/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	4/7/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	7/9/99	NA	NA	NA	ND	ND	ND	1	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	10/28/99	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	2/9/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	6/27/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	10/18/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	1/11/00	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/18/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	DUPLICATE	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/14/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/6/01	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	5/7/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	8/29/02	NA	NA	NA	ND	N/A	N/A	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	11/14/02	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	4/21/03	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	9/29/03	NA	NA	NA	3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
	2/4/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
6/29/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
11/17/04	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/25/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
7/6/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
9/20/05	NA	NA	NA	ND	N/A	N/A	N/A	ND	ND	ND	ND	ND	NA	ND	NA	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
12/12/05	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
3/15/06	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND</												

Table 2
Groundwater Monitoring Results Summary (to Current)
Former Safety-Kleen Service Center
29 St. Charles Street, Thornwood, New York

T.O.G.S 1.1.1 Standards		Volatile Organic Compounds Method 8260B (ug/L)																										
		50	5	60	5	7	5	3	3	3	5	1	5	2	5	5	5	5	5	1	5	5	2	5	5	50		
Sample ID	Sample Date	Acetone	Bromomethane	Carbon Disulfide	Chlorobenzene	Chloroform	Chloromethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene, Total	Ethyl Benzene	Methylene Chloride	O-Xylene	Tetrachloroethene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Toluene	Vinyl Chloride	Total Xylenes	cis-1,2-Dichloroethene	Iodomethane	Mineral Spirits	
GT-5 (cont.)	6/16/09	NA	NA	NA	ND	9.4	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	9/23/09	NA	NA	NA	ND	ND<1	ND<1	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	
	12/29/09	ND<0.58	ND<0.21	ND<0.077	ND<0.057	1.1 J	ND<0.2	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.17 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	3/23/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.53 J	ND<0.20	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.26 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	0.84 J	ND<50	
	6/21/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.20	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.15 JB	ND<0.12	0.95 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	9/21/10	0.72 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.20	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.88 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	12/14/10	ND<0.58	ND<0.21	ND<0.077	ND<0.057	0.24 J	ND<0.20	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.71 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.30	ND<0.21	ND<0.12	ND<50	
	3/23/11	1.5 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.2	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.15 JB	ND<0.12	0.78 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	6/15/11	ND<0.58	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.2	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	ND<0.091	ND<0.12	0.85 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	9/14/11	1.1 J	ND<0.21	ND<0.077	ND<0.057	ND<0.12	ND<0.2	ND<0.063	ND<3.0	ND<0.17	ND<0.13	ND<0.12	ND<0.19	ND<0.24	ND<0.14	0.25 JB	ND<0.12	0.46 J	ND<0.16	ND<0.11	ND<0.11	ND<0.18	ND<0.14	ND<0.3	ND<0.21	ND<0.12	ND<50	
	12/15/11	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.67 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	3/13/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.54 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	6/19/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	1.1 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	9/11/12	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.96 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	12/19/12	ND<50	ND<5.0	ND<60	ND<5.0	0.32 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.66 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	3/13/13	ND<50	ND<5.0	ND<60	ND<5.0	0.69 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.38 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	6/19/13	ND<50	ND<5.0	ND<60	ND<5.0	0.34 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	1.0 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	2/24/14	ND<50	ND<5.0	ND<60	ND<5.0	0.27 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.53 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	6/11/14	ND<50	ND<5.0	ND<60	ND<5.0	5.6 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	0.50 J	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	9/29/14	ND<50	ND<5.0	ND<60	ND<5.0	0.14 J	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	1.0 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	ND<50	
	9/22/15	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	0.47 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<5	ND<5.0	ND<5.0	81	
	3/23/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
	12/20/16	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.43 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<48
	3/28/17	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.42 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51
	9/26/17	2.4 J	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	0.36 J	ND<5.0	0.57 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<51	
	3/27/18	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.58 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
	9/25/18	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.44 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13
3/26/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	0.29 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.58 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
9/25/19	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	0.29 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1.2 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
4/29/20	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	ND<5.0	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.75 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
9/25/20	ND<50	ND<5.0	ND<60	ND<5.0	ND<7.0	0.44 J	ND<3.0	ND<3.0	ND<3.0	ND<5.0	ND<1.0	ND<5.0	ND<2.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	0.84 J	ND<5.0	ND<1.0	ND<5.0	ND<5.0	ND<2.0	ND<15	ND<5.0	ND<5.0	ND<13	
Notes:		NA - Not analyzed for this parameter ND - Not Detected N/A = Not available NE - Not Established ug/L = micrograms per liter																										
		B = Constituent detected in blank J = Estimated concentration H = Analysis performed outside of sample hold time Bold = Constituent detected above the laboratory reporting limit. =Detected concentration exceeds one or more criteria																										

ATTACHMENT 4

Laboratory Reports

ANALYTICAL REPORT

Job Number: 460-208037-1

Job Description: Safety-Kleen Thornwood

For:

Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, OH 45014

Attention: Mr. Steve Fleming, P.E.



Approved for release.
Elizabeth J Flannery
Project Manager I
5/8/2020 6:36 PM

Elizabeth J Flannery, Project Manager I
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05/08/2020

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 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

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CASE NARRATIVE

Client: Safety-Kleen Systems, Inc

Project: Safety-Kleen Thornwood

Report Number: 460-208037-1

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 5/1/2020 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.6° C, 2.0° C, 2.6° C and 3.0° C.

Receipt Exceptions

Per laboratory policy the Trip Blank sample date/time was changed to reflect the latest sample date/time of the sampling event.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No TAT recorded on the COC.

Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropane and 1,2,3-Trichloropropane, and 0.2 ug/L for trans-1,3-Dichloropropene. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL).

The following analytes are included in this report but certification is not offered by the governing authority: Mineral Spirits.

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 GT-1R (460-208037-1), GT-2R (460-208037-2), GT-3 (460-208037-3), GT-4 (460-208037-4), GT-5 (460-208037-5), GW-DUP (460-208037-6) and Trip Blank (460-208037-7) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 05/06/2020.

The continuing calibration verification (CCV) analyzed in batch 460-692459 was outside the method criteria for the following analyte(s): Bromoform and Carbon tetrachloride (biased low); Chloromethane and Vinyl acetate. 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.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

MINERAL RANGE ORGANICS (MRO)

Samples GT-1R (460-208037-1), GT-2R (460-208037-2), GT-3 (460-208037-3), GT-4 (460-208037-4), GT-5 (460-208037-5) and GW-DUP (460-208037-6) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 05/04/2020 and analyzed on 05/05/2020.

No difficulties were encountered during the MRO analysis.

All quality control parameters were within the acceptance limits.

Project Specific Reporting Limits – Aqueous Samples

For aqueous samples, please note that the reporting limits listed below may vary for each sample analyzed based on sample volume, and/or sample dilution. The aqueous laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) section 1.1.1 class GA standards, and ASI's previously reported laboratory reporting limits where no TOGS class GA standard exists.

Analyte	Aqueous Project Specific Reporting Limits	Units
Acetone	50	ug/L
Acetonitrile	10	ug/L
Allyl chloride	5	ug/L
Benzene	1	ug/L
Benzyl chloride	10	ug/L
Bromodichloromethane	50	ug/L
Bromoform	5	ug/L
Bromomethane	5	ug/L
2-Butanone (MEK)	50	ug/L
Carbon disulfide	60	ug/L
Carbon tetrachloride	5	ug/L
Chlorobenzene	5	ug/L
Chloroethane	5	ug/L
2-Chloroethyl vinyl ether	20	ug/L
Chloroform	7	ug/L
Chloromethane	5	ug/L
cis-1,2-Dichloroethene	5	ug/L
cis-1,3-Dichloropropene	0.2	ug/L
Dibromochloromethane	50	ug/L
1,2-Dibromo-3-Chloropropane	0.04	ug/L
1,2-Dibromoethane	5	ug/L
Dibromomethane	5	ug/L
1,3-Dichlorobenzene	3	ug/L
1,4-Dichlorobenzene	3	ug/L
1,2-Dichlorobenzene	3	ug/L
Dichlorodifluoromethane	5	ug/L
1,1-Dichloroethane	5	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	5	ug/L
1,2-Dichloroethene, Total	2	ug/L
1,2-Dichloropropane	1	ug/L
Ethylbenzene	5	ug/L
Ethyl methacrylate	5	ug/L
2-Hexanone	50	ug/L
Iodomethane	5	ug/L
Isobutyl alcohol	250	ug/L
Methacrylonitrile	5	ug/L
Methylene Chloride	5	ug/L
Methyl methacrylate	50	ug/L
4-Methyl-2-pentanone (MIBK)	5	ug/L
m&p-Xylene	10	ug/L
o-Xylene	5	ug/L
Styrene	5	ug/L
1,1,1,2-Tetrachloroethane	5	ug/L
1,1,2,2-Tetrachloroethane	5	ug/L
Tetrachloroethene	5	ug/L
Toluene	5	ug/L
trans-1,4-Dichloro-2-butene	5	ug/L
trans-1,2-Dichloroethene	5	ug/L

Analyte	Aqueous Project Specific Reporting Limit	Units
<i>trans</i> -1,3-Dichloropropene	0.2	ug/L
1,1,1-Trichloroethane	5	ug/L
1,1,2-Trichloroethane	1	ug/L
Trichloroethene	5	ug/L
1,2,3-Trichloropropane	0.04	ug/L
Vinyl acetate	5	ug/L
Vinyl chloride	2	ug/L
Xylenes, Total	15	ug/L
Mineral Spirit Range Organics	50	ug/L

Project Specific Reporting Limits – Solid Samples

For solid samples, please note that the reporting limits listed below will vary for each sample analyzed based on sample moisture content, sample volume, and/or sample dilution. The solid laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6.8(a) Unrestricted Use Soil Cleanup Objectives and TestAmerica Edison's laboratory reporting limits where no part 375 cleanup objectives exist.

Analyte	Solid Project Specific Reporting Limits	Units
Acetone	50	ug/Kg
Acetonitrile	50	ug/Kg
Allyl chloride	5	ug/Kg
Benzene	60	ug/Kg
Benzyl chloride	5	ug/Kg
Bromodichloromethane	5	ug/Kg
Bromoform	5	ug/Kg
Bromomethane	5	ug/Kg
2-Butanone (MEK)	120	ug/Kg
Carbon disulfide	5	ug/Kg
Carbon tetrachloride	760	ug/Kg
Chlorobenzene	1100	ug/Kg
Chloroethane	5	ug/Kg
2-Chloroethyl vinyl ether	5	ug/Kg
Chloroform	370	ug/Kg
Chloromethane	5	ug/Kg
cis-1,2-Dichloroethene	250	ug/Kg
cis-1,3-Dichloropropene	5	ug/Kg
Dibromochloromethane	5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	ug/Kg
1,2-Dibromoethane	5	ug/Kg
Dibromomethane	5	ug/Kg
1,3-Dichlorobenzene	2400	ug/Kg
1,4-Dichlorobenzene	1800	ug/Kg
1,2-Dichlorobenzene	1100	ug/Kg
Dichlorodifluoromethane	5	ug/Kg
1,1-Dichloroethane	270	ug/Kg
1,2-Dichloroethane	20	ug/Kg
1,1-Dichloroethene	330	ug/Kg
1,2-Dichloroethene, Total	5	ug/Kg
1,2-Dichloropropane	5	ug/Kg
Ethylbenzene	1000	ug/Kg
Ethyl methacrylate	10	ug/Kg
2-Hexanone	10	ug/Kg
Iodomethane	10	ug/Kg
Isobutyl alcohol	150	ug/Kg
Methacrylonitrile	10	ug/Kg
Methylene Chloride	50	ug/Kg
Methyl methacrylate	10	ug/Kg
4-Methyl-2-pentanone (MIBK)	5	ug/Kg
m&p-Xylene	5	ug/Kg
o-Xylene	5	ug/Kg
Styrene	5	ug/Kg
1,1,1,2-Tetrachloroethane	5	ug/Kg
1,1,2,2-Tetrachloroethane	5	ug/Kg
Tetrachloroethene	1300	ug/Kg
Toluene	700	ug/Kg
trans-1,4-Dichloro-2-butene	10	ug/Kg
trans-1,2-Dichloroethene	190	ug/Kg

Analyte	Solid Project Specific Reporting Limits	Units
<i>trans</i> -1,3-Dichloropropene	5	ug/Kg
1,1,1-Trichloroethane	680	ug/Kg
1,1,2-Trichloroethane	5	ug/Kg
Trichloroethene	470	ug/Kg
1,2,3-Trichloropropane	5	ug/Kg
Vinyl acetate	20	ug/Kg
Vinyl chloride	5	ug/Kg
Xylenes, Total	260	ug/Kg
Mineral Spirit Range Organics	6700	ug/Kg

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-208037-1	GT-1R	Water	04/29/20 21:30	05/01/20 09:30	
460-208037-2	GT-2R	Water	04/29/20 19:00	05/01/20 09:30	
460-208037-3	GT-3	Water	04/29/20 19:30	05/01/20 09:30	
460-208037-4	GT-4	Water	04/29/20 20:00	05/01/20 09:30	
460-208037-5	GT-5	Water	04/29/20 20:30	05/01/20 09:30	
460-208037-6	GW-DUP	Water	04/29/20 18:00	05/01/20 09:30	
460-208037-7	Trip Blank	Water	04/29/20 21:30	05/01/20 09:30	

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-1R

Lab Sample ID: 460-208037-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	1.0	J	5.0	0.25	ug/L			1	8260C	Total/NA

Client Sample ID: GT-2R

Lab Sample ID: 460-208037-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chlorobenzene	3.9	J	5.0	0.38	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	1.6	J	3.0	0.33	ug/L			1	8260C	Total/NA
Mineral Spirits	64		13	3.3	ug/L			1	8015D	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-208037-3

No Detections.

Client Sample ID: GT-4

Lab Sample ID: 460-208037-4

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-208037-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.75	J	5.0	0.25	ug/L			1	8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-208037-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chlorobenzene	3.9	J	5.0	0.38	ug/L			1	8260C	Total/NA
1,4-Dichlorobenzene	1.6	J	3.0	0.33	ug/L			1	8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-208037-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	8.4	J	50	4.4	ug/L			1	8260C	Total/NA
Methylene Chloride	0.36	J	5.0	0.32	ug/L			1	8260C	Total/NA
m&p-Xylene	0.62	J	10	0.30	ug/L			1	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8015D	Hydrocarbon Product Identification (GC)	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-1R

Lab Sample ID: 460-208037-1

Date Collected: 04/29/20 21:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 09:35	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 09:35	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 09:35	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 09:35	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 09:35	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 09:35	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 09:35	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 09:35	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 09:35	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 09:35	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 09:35	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 09:35	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 09:35	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 09:35	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 09:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 09:35	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 09:35	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 09:35	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 09:35	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 09:35	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 09:35	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 09:35	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 09:35	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 09:35	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 09:35	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 09:35	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 09:35	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 09:35	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 09:35	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 09:35	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 09:35	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 09:35	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 09:35	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 09:35	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 09:35	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 09:35	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 09:35	1
Tetrachloroethene	1.0	J	5.0	0.25	ug/L			05/06/20 09:35	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 09:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 09:35	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 09:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 09:35	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 09:35	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 09:35	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 09:35	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 09:35	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 09:35	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 09:35	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 09:35	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-1R

Date Collected: 04/29/20 21:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 09:35	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 09:35	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 09:35	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 09:35	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 09:35	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123		05/06/20 09:35	1
4-Bromofluorobenzene	99		76 - 120		05/06/20 09:35	1
Toluene-d8 (Surr)	104		80 - 120		05/06/20 09:35	1
Dibromofluoromethane (Surr)	102		77 - 124		05/06/20 09:35	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		38 - 149	05/04/20 18:20	05/05/20 21:03	1

Client Sample ID: GT-2R

Date Collected: 04/29/20 19:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 09:55	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 09:55	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 09:55	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 09:55	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 09:55	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 09:55	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 09:55	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 09:55	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 09:55	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 09:55	1
Chlorobenzene	3.9	J	5.0	0.38	ug/L			05/06/20 09:55	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 09:55	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 09:55	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 09:55	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 09:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 09:55	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 09:55	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 09:55	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 09:55	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 09:55	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 09:55	1
1,4-Dichlorobenzene	1.6	J	3.0	0.33	ug/L			05/06/20 09:55	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 09:55	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 09:55	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 09:55	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-2R

Date Collected: 04/29/20 19:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 09:55	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 09:55	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 09:55	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 09:55	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 09:55	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 09:55	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 09:55	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 09:55	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 09:55	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 09:55	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 09:55	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 09:55	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 09:55	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 09:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 09:55	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 09:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 09:55	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 09:55	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 09:55	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 09:55	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 09:55	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 09:55	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 09:55	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 09:55	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 09:55	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 09:55	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 09:55	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 09:55	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 09:55	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 09:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 123		05/06/20 09:55	1
4-Bromofluorobenzene	98		76 - 120		05/06/20 09:55	1
Toluene-d8 (Surr)	103		80 - 120		05/06/20 09:55	1
Dibromofluoromethane (Surr)	102		77 - 124		05/06/20 09:55	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	64		13	3.3	ug/L		05/04/20 18:20	05/05/20 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	94		38 - 149	05/04/20 18:20	05/05/20 21:16	1

Client Sample ID: GT-3

Date Collected: 04/29/20 19:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 10:16	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-3

Lab Sample ID: 460-208037-3

Date Collected: 04/29/20 19:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 10:16	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 10:16	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 10:16	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 10:16	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 10:16	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 10:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 10:16	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 10:16	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 10:16	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 10:16	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 10:16	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 10:16	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 10:16	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 10:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 10:16	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 10:16	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 10:16	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 10:16	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 10:16	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 10:16	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 10:16	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 10:16	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 10:16	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 10:16	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 10:16	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 10:16	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 10:16	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 10:16	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 10:16	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 10:16	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 10:16	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 10:16	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 10:16	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 10:16	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 10:16	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 10:16	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 10:16	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 10:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 10:16	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 10:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 10:16	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 10:16	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 10:16	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 10:16	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 10:16	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 10:16	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 10:16	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 10:16	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 10:16	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-3

Date Collected: 04/29/20 19:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 10:16	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 10:16	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 10:16	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 10:16	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 123		05/06/20 10:16	1
4-Bromofluorobenzene	97		76 - 120		05/06/20 10:16	1
Toluene-d8 (Surr)	103		80 - 120		05/06/20 10:16	1
Dibromofluoromethane (Surr)	102		77 - 124		05/06/20 10:16	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	89		38 - 149	05/04/20 18:20	05/05/20 21:28	1

Client Sample ID: GT-4

Date Collected: 04/29/20 20:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 15:27	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 15:27	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 15:27	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 15:27	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 15:27	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 15:27	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 15:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 15:27	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 15:27	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 15:27	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 15:27	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 15:27	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 15:27	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 15:27	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 15:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 15:27	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 15:27	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 15:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 15:27	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 15:27	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 15:27	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 15:27	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 15:27	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 15:27	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 15:27	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 15:27	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-4

Lab Sample ID: 460-208037-4

Date Collected: 04/29/20 20:00

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 15:27	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 15:27	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 15:27	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 15:27	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 15:27	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 15:27	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 15:27	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 15:27	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 15:27	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 15:27	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 15:27	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 15:27	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 15:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 15:27	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 15:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 15:27	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 15:27	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 15:27	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 15:27	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 15:27	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 15:27	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 15:27	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 15:27	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 15:27	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 15:27	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 15:27	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 15:27	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 15:27	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		75 - 123		05/06/20 15:27	1
4-Bromofluorobenzene	98		76 - 120		05/06/20 15:27	1
Toluene-d8 (Surr)	102		80 - 120		05/06/20 15:27	1
Dibromofluoromethane (Surr)	103		77 - 124		05/06/20 15:27	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		38 - 149	05/04/20 18:20	05/05/20 21:41	1

Client Sample ID: GT-5

Lab Sample ID: 460-208037-5

Date Collected: 04/29/20 20:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 10:57	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 10:57	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-5

Lab Sample ID: 460-208037-5

Date Collected: 04/29/20 20:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 10:57	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 10:57	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 10:57	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 10:57	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 10:57	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 10:57	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 10:57	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 10:57	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 10:57	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 10:57	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 10:57	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 10:57	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 10:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 10:57	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 10:57	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 10:57	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 10:57	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 10:57	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 10:57	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 10:57	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 10:57	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 10:57	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 10:57	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 10:57	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 10:57	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 10:57	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 10:57	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 10:57	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 10:57	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 10:57	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 10:57	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 10:57	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 10:57	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 10:57	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 10:57	1
Tetrachloroethene	0.75	J	5.0	0.25	ug/L			05/06/20 10:57	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 10:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 10:57	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 10:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 10:57	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 10:57	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 10:57	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 10:57	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 10:57	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 10:57	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 10:57	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 10:57	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 10:57	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 10:57	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-5

Lab Sample ID: 460-208037-5

Date Collected: 04/29/20 20:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 10:57	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 10:57	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 10:57	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 123					05/06/20 10:57	1
4-Bromofluorobenzene	99		76 - 120					05/06/20 10:57	1
Toluene-d8 (Surr)	103		80 - 120					05/06/20 10:57	1
Dibromofluoromethane (Surr)	104		77 - 124					05/06/20 10:57	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		38 - 149				05/04/20 18:20	05/05/20 21:54	1

Client Sample ID: GW-DUP

Lab Sample ID: 460-208037-6

Date Collected: 04/29/20 18:00

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 11:18	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 11:18	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 11:18	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 11:18	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 11:18	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 11:18	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 11:18	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 11:18	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 11:18	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 11:18	1
Chlorobenzene	3.9	J	5.0	0.38	ug/L			05/06/20 11:18	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 11:18	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 11:18	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 11:18	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 11:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 11:18	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 11:18	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 11:18	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 11:18	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 11:18	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 11:18	1
1,4-Dichlorobenzene	1.6	J	3.0	0.33	ug/L			05/06/20 11:18	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 11:18	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 11:18	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 11:18	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 11:18	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 11:18	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-208037-6

Date Collected: 04/29/20 18:00

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 11:18	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 11:18	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 11:18	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 11:18	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 11:18	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 11:18	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 11:18	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 11:18	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 11:18	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 11:18	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 11:18	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 11:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 11:18	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 11:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 11:18	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 11:18	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 11:18	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 11:18	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 11:18	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 11:18	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 11:18	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 11:18	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 11:18	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 11:18	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 11:18	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 11:18	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 11:18	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123					05/06/20 11:18	1
4-Bromofluorobenzene	97		76 - 120					05/06/20 11:18	1
Toluene-d8 (Surr)	104		80 - 120					05/06/20 11:18	1
Dibromofluoromethane (Surr)	102		77 - 124					05/06/20 11:18	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		38 - 149				05/04/20 18:20	05/05/20 22:06	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-208037-7

Date Collected: 04/29/20 21:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.4	J	50	4.4	ug/L			05/06/20 08:53	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 08:53	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 08:53	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-208037-7

Date Collected: 04/29/20 21:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 08:53	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 08:53	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 08:53	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 08:53	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 08:53	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 08:53	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 08:53	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 08:53	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 08:53	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 08:53	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 08:53	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 08:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 08:53	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 08:53	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 08:53	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 08:53	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 08:53	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 08:53	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 08:53	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 08:53	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 08:53	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 08:53	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 08:53	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 08:53	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 08:53	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 08:53	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 08:53	1
Methylene Chloride	0.36	J	5.0	0.32	ug/L			05/06/20 08:53	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 08:53	1
m&p-Xylene	0.62	J	10	0.30	ug/L			05/06/20 08:53	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 08:53	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 08:53	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 08:53	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 08:53	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 08:53	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 08:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 08:53	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 08:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 08:53	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 08:53	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 08:53	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 08:53	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 08:53	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 08:53	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 08:53	1
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 08:53	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 08:53	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 08:53	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 08:53	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-208037-7

Date Collected: 04/29/20 21:30

Matrix: Water

Date Received: 05/01/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 08:53	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 08:53	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 08:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123		05/06/20 08:53	1
4-Bromofluorobenzene	96		76 - 120		05/06/20 08:53	1
Toluene-d8 (Surr)	102		80 - 120		05/06/20 08:53	1
Dibromofluoromethane (Surr)	102		77 - 124		05/06/20 08:53	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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)	TOL (80-120)	DBFM (77-124)
460-208037-1	GT-1R	107	99	104	102
460-208037-2	GT-2R	108	98	103	102
460-208037-3	GT-3	108	97	103	102
460-208037-4	GT-4	111	98	102	103
460-208037-5	GT-5	109	99	103	104
460-208037-6	GW-DUP	107	97	104	102
460-208037-7	Trip Blank	107	96	102	102
LCS 460-692459/3	Lab Control Sample	106	99	102	103
LCSD 460-692459/4	Lab Control Sample Dup	106	98	100	103
MB 460-692459/7	Method Blank	109	97	104	102

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH (38-149)			
460-208037-1	GT-1R	80			
460-208037-2	GT-2R	94			
460-208037-3	GT-3	89			
460-208037-4	GT-4	83			
460-208037-5	GT-5	83			
460-208037-6	GW-DUP	88			
LCS 460-692128/2-A	Lab Control Sample	86			
LCSD 460-692128/3-A	Lab Control Sample Dup	116			
MB 460-692128/1-A	Method Blank	96			

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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

Lab Sample ID: MB 460-692459/7
Matrix: Water
Analysis Batch: 692459

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			05/06/20 08:33	1
Acetonitrile	10	U	10	5.0	ug/L			05/06/20 08:33	1
Benzene	1.0	U	1.0	0.20	ug/L			05/06/20 08:33	1
Benzyl chloride	10	U	10	0.34	ug/L			05/06/20 08:33	1
Bromodichloromethane	50	U	50	0.34	ug/L			05/06/20 08:33	1
Bromoform	5.0	U	5.0	0.54	ug/L			05/06/20 08:33	1
Bromomethane	5.0	U	5.0	0.55	ug/L			05/06/20 08:33	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			05/06/20 08:33	1
Carbon disulfide	60	U	60	0.82	ug/L			05/06/20 08:33	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			05/06/20 08:33	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			05/06/20 08:33	1
Chloroethane	5.0	U	5.0	0.32	ug/L			05/06/20 08:33	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			05/06/20 08:33	1
Chloroform	7.0	U	7.0	0.33	ug/L			05/06/20 08:33	1
Chloromethane	5.0	U	5.0	0.40	ug/L			05/06/20 08:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			05/06/20 08:33	1
Dibromochloromethane	50	U	50	0.28	ug/L			05/06/20 08:33	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			05/06/20 08:33	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			05/06/20 08:33	1
1,2-Dichlorobenzene	3.0	U	3.0	0.43	ug/L			05/06/20 08:33	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			05/06/20 08:33	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			05/06/20 08:33	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			05/06/20 08:33	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			05/06/20 08:33	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 08:33	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			05/06/20 08:33	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			05/06/20 08:33	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			05/06/20 08:33	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			05/06/20 08:33	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			05/06/20 08:33	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			05/06/20 08:33	1
Methyl methacrylate	50	U	50	0.97	ug/L			05/06/20 08:33	1
m&p-Xylene	10	U	10	0.30	ug/L			05/06/20 08:33	1
o-Xylene	5.0	U	5.0	0.36	ug/L			05/06/20 08:33	1
Styrene	5.0	U	5.0	0.42	ug/L			05/06/20 08:33	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			05/06/20 08:33	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			05/06/20 08:33	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			05/06/20 08:33	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			05/06/20 08:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.49	ug/L			05/06/20 08:33	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			05/06/20 08:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.43	ug/L			05/06/20 08:33	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			05/06/20 08:33	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			05/06/20 08:33	1
Toluene	5.0	U	5.0	0.38	ug/L			05/06/20 08:33	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			05/06/20 08:33	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			05/06/20 08:33	1
Xylenes, Total	15	U	15	0.65	ug/L			05/06/20 08:33	1

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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

Lab Sample ID: MB 460-692459/7

Matrix: Water

Analysis Batch: 692459

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	50	U	50	1.1	ug/L			05/06/20 08:33	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			05/06/20 08:33	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			05/06/20 08:33	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			05/06/20 08:33	1
Iodomethane	5.0	U	5.0	0.48	ug/L			05/06/20 08:33	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			05/06/20 08:33	1
Methacrylonitrile	5.0	U	5.0	5.1	ug/L			05/06/20 08:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 123		05/06/20 08:33	1
4-Bromofluorobenzene	97		76 - 120		05/06/20 08:33	1
Toluene-d8 (Surr)	104		80 - 120		05/06/20 08:33	1
Dibromofluoromethane (Surr)	102		77 - 124		05/06/20 08:33	1

Lab Sample ID: LCS 460-692459/3

Matrix: Water

Analysis Batch: 692459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	104		ug/L		104	61 - 134
Acetonitrile	200	276		ug/L		138	29 - 150
Benzene	20.0	22.9		ug/L		115	78 - 126
Benzyl chloride	20.0	14.3		ug/L		71	16 - 150
Bromodichloromethane	20.0	18.7	J	ug/L		93	72 - 121
Bromoform	20.0	12.4		ug/L		62	38 - 144
Bromomethane	20.0	26.8		ug/L		134	10 - 150
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	78 - 125
Carbon disulfide	20.0	22.9	J	ug/L		114	64 - 138
Carbon tetrachloride	20.0	15.6		ug/L		78	56 - 131
Chlorobenzene	20.0	21.3		ug/L		107	80 - 119
Chloroethane	20.0	24.0		ug/L		120	29 - 150
2-Chloroethyl vinyl ether	20.0	20.2		ug/L		101	29 - 148
Chloroform	20.0	22.8		ug/L		114	78 - 125
Chloromethane	20.0	25.8		ug/L		129	38 - 150
cis-1,3-Dichloropropene	20.0	19.9		ug/L		100	74 - 125
Dibromochloromethane	20.0	15.8	J	ug/L		79	58 - 130
Dibromomethane	20.0	21.5		ug/L		107	72 - 122
1,2-Dibromo-3-Chloropropane	20.0	16.1		ug/L		80	41 - 143
1,2-Dichlorobenzene	20.0	22.1		ug/L		111	79 - 122
1,3-Dichlorobenzene	20.0	21.6		ug/L		108	80 - 121
1,4-Dichlorobenzene	20.0	21.9		ug/L		109	80 - 118
Dichlorodifluoromethane	20.0	23.1		ug/L		116	31 - 150
1,1-Dichloroethane	20.0	23.0		ug/L		115	73 - 130
1,2-Dichloroethane	20.0	22.1		ug/L		111	75 - 121
1,1-Dichloroethene	20.0	20.9		ug/L		104	68 - 133
1,2-Dichloroethene, Total	40.0	42.5		ug/L		106	77 - 122
1,2-Dichloropropane	20.0	22.1		ug/L		110	76 - 126
Ethylbenzene	20.0	21.9		ug/L		109	78 - 120

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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

Lab Sample ID: LCS 460-692459/3

Matrix: Water

Analysis Batch: 692459

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	100	98.6		ug/L		99	69 - 128
Methylene Chloride	20.0	22.1		ug/L		111	74 - 127
Methyl methacrylate	40.0	38.8	J	ug/L		97	50 - 133
m&p-Xylene	20.0	21.7		ug/L		108	78 - 123
o-Xylene	20.0	21.5		ug/L		107	78 - 122
Styrene	20.0	21.2		ug/L		106	75 - 127
1,1,1,2-Tetrachloroethane	20.0	17.5		ug/L		87	63 - 129
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/L		112	63 - 139
Tetrachloroethene	20.0	22.0		ug/L		110	70 - 127
trans-1,2-Dichloroethene	20.0	21.5		ug/L		107	74 - 126
trans-1,3-Dichloropropene	20.0	19.1		ug/L		95	66 - 127
1,1,1-Trichloroethane	20.0	20.3		ug/L		101	68 - 128
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125
Trichloroethene	20.0	19.7		ug/L		99	71 - 121
1,2,3-Trichloropropane	20.0	21.9		ug/L		109	64 - 127
Toluene	20.0	21.6		ug/L		108	78 - 119
Vinyl acetate	40.0	55.0		ug/L		137	55 - 142
Vinyl chloride	20.0	25.0		ug/L		125	61 - 144
Xylenes, Total	40.0	43.1		ug/L		108	78 - 122
2-Hexanone	100	104		ug/L		104	74 - 127
cis-1,2-Dichloroethene	20.0	21.1		ug/L		105	78 - 121
1,2-Dibromoethane	20.0	20.4		ug/L		102	69 - 126
Ethyl methacrylate	20.0	19.9		ug/L		100	56 - 131
Iodomethane	20.0	22.4		ug/L		112	10 - 150
trans-1,4-Dichloro-2-butene	20.0	15.8		ug/L		79	45 - 132
Methacrylonitrile	200	228		ug/L		114	63 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		75 - 123
4-Bromofluorobenzene	99		76 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: LCSD 460-692459/4

Matrix: Water

Analysis Batch: 692459

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
Acetone	100	105		ug/L		105	61 - 134	1	30
Acetonitrile	200	269		ug/L		135	29 - 150	3	30
Benzene	20.0	22.9		ug/L		114	78 - 126	0	30
Benzyl chloride	20.0	14.5		ug/L		72	16 - 150	1	30
Bromodichloromethane	20.0	19.2	J	ug/L		96	72 - 121	3	30
Bromoform	20.0	12.4		ug/L		62	38 - 144	0	30
Bromomethane	20.0	27.4		ug/L		137	10 - 150	2	30
4-Methyl-2-pentanone (MIBK)	100	110		ug/L		110	78 - 125	1	30
Carbon disulfide	20.0	22.9	J	ug/L		115	64 - 138	0	30
Carbon tetrachloride	20.0	15.5		ug/L		78	56 - 131	0	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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

Lab Sample ID: LCSD 460-692459/4

Matrix: Water

Analysis Batch: 692459

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
Chlorobenzene	20.0	21.2		ug/L		106	80 - 119	0	30
Chloroethane	20.0	24.4		ug/L		122	29 - 150	2	30
2-Chloroethyl vinyl ether	20.0	20.4		ug/L		102	29 - 148	1	30
Chloroform	20.0	22.9		ug/L		114	78 - 125	0	30
Chloromethane	20.0	25.3		ug/L		126	38 - 150	2	30
cis-1,3-Dichloropropene	20.0	20.1		ug/L		100	74 - 125	1	30
Dibromochloromethane	20.0	15.6	J	ug/L		78	58 - 130	1	30
Dibromomethane	20.0	21.5		ug/L		108	72 - 122	0	30
1,2-Dibromo-3-Chloropropane	20.0	16.2		ug/L		81	41 - 143	1	30
1,2-Dichlorobenzene	20.0	22.6		ug/L		113	79 - 122	2	30
1,3-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 121	3	30
1,4-Dichlorobenzene	20.0	22.2		ug/L		111	80 - 118	1	30
Dichlorodifluoromethane	20.0	22.1		ug/L		111	31 - 150	4	30
1,1-Dichloroethane	20.0	23.0		ug/L		115	73 - 130	0	30
1,2-Dichloroethane	20.0	22.5		ug/L		113	75 - 121	2	30
1,1-Dichloroethene	20.0	21.2		ug/L		106	68 - 133	1	30
1,2-Dichloroethene, Total	40.0	42.7		ug/L		107	77 - 122	0	30
1,2-Dichloropropane	20.0	22.2		ug/L		111	76 - 126	1	30
Ethylbenzene	20.0	21.6		ug/L		108	78 - 120	1	30
2-Butanone (MEK)	100	98.7		ug/L		99	69 - 128	0	30
Methylene Chloride	20.0	22.6		ug/L		113	74 - 127	2	30
Methyl methacrylate	40.0	37.9	J	ug/L		95	50 - 133	2	30
m&p-Xylene	20.0	21.7		ug/L		108	78 - 123	0	30
o-Xylene	20.0	21.2		ug/L		106	78 - 122	1	30
Styrene	20.0	21.3		ug/L		106	75 - 127	0	30
1,1,1,2-Tetrachloroethane	20.0	17.7		ug/L		88	63 - 129	1	30
1,1,2,2-Tetrachloroethane	20.0	22.5		ug/L		113	63 - 139	0	30
Tetrachloroethene	20.0	21.9		ug/L		109	70 - 127	0	30
trans-1,2-Dichloroethene	20.0	21.5		ug/L		108	74 - 126	0	30
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	66 - 127	0	30
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	68 - 128	3	30
1,1,2-Trichloroethane	20.0	21.0		ug/L		105	74 - 125	0	30
Trichloroethene	20.0	20.3		ug/L		101	71 - 121	3	30
1,2,3-Trichloropropane	20.0	21.9		ug/L		110	64 - 127	0	30
Toluene	20.0	21.9		ug/L		109	78 - 119	1	30
Vinyl acetate	40.0	52.9		ug/L		132	55 - 142	4	30
Vinyl chloride	20.0	25.1		ug/L		126	61 - 144	1	30
Xylenes, Total	40.0	42.8		ug/L		107	78 - 122	1	30
2-Hexanone	100	107		ug/L		107	74 - 127	2	30
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	78 - 121	0	30
1,2-Dibromoethane	20.0	21.2		ug/L		106	69 - 126	4	30
Ethyl methacrylate	20.0	20.1		ug/L		101	56 - 131	1	30
Iodomethane	20.0	22.4		ug/L		112	10 - 150	0	30
trans-1,4-Dichloro-2-butene	20.0	16.6		ug/L		83	45 - 132	5	30
Methacrylonitrile	200	229		ug/L		114	63 - 136	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		75 - 123

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

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

Lab Sample ID: LCSD 460-692459/4
Matrix: Water
Analysis Batch: 692459

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	98		76 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-692128/1-A
Matrix: Water
Analysis Batch: 692274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 692128

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	3.3	ug/L		05/04/20 18:20	05/05/20 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		38 - 149				05/04/20 18:20	05/05/20 20:26	1

Lab Sample ID: LCS 460-692128/2-A
Matrix: Water
Analysis Batch: 692274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 692128

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Mineral Spirits	10000	7930		ug/L		79	70 - 130
Surrogate	LCS	LCS	Limits				
o-Terphenyl	86		38 - 149				

Lab Sample ID: LCSD 460-692128/3-A
Matrix: Water
Analysis Batch: 692274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 692128

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
Mineral Spirits	10000	10500		ug/L		105	70 - 130	28
Surrogate	LCSD	LCSD	Limits					Limit
o-Terphenyl	116		38 - 149					30

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

QC Association Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

GC/MS VOA

Analysis Batch: 692459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-208037-1	GT-1R	Total/NA	Water	8260C	
460-208037-2	GT-2R	Total/NA	Water	8260C	
460-208037-3	GT-3	Total/NA	Water	8260C	
460-208037-4	GT-4	Total/NA	Water	8260C	
460-208037-5	GT-5	Total/NA	Water	8260C	
460-208037-6	GW-DUP	Total/NA	Water	8260C	
460-208037-7	Trip Blank	Total/NA	Water	8260C	
MB 460-692459/7	Method Blank	Total/NA	Water	8260C	
LCS 460-692459/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-692459/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 692128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-208037-1	GT-1R	Total/NA	Water	3510C	
460-208037-2	GT-2R	Total/NA	Water	3510C	
460-208037-3	GT-3	Total/NA	Water	3510C	
460-208037-4	GT-4	Total/NA	Water	3510C	
460-208037-5	GT-5	Total/NA	Water	3510C	
460-208037-6	GW-DUP	Total/NA	Water	3510C	
MB 460-692128/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-692128/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-692128/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 692274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-208037-1	GT-1R	Total/NA	Water	8015D	692128
460-208037-2	GT-2R	Total/NA	Water	8015D	692128
460-208037-3	GT-3	Total/NA	Water	8015D	692128
460-208037-4	GT-4	Total/NA	Water	8015D	692128
460-208037-5	GT-5	Total/NA	Water	8015D	692128
460-208037-6	GW-DUP	Total/NA	Water	8015D	692128
MB 460-692128/1-A	Method Blank	Total/NA	Water	8015D	692128
LCS 460-692128/2-A	Lab Control Sample	Total/NA	Water	8015D	692128
LCSD 460-692128/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	692128

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GT-1R

Date Collected: 04/29/20 21:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 09:35	SZD	TAL EDI
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 21:03	BWM	TAL EDI

Client Sample ID: GT-2R

Date Collected: 04/29/20 19:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 09:55	SZD	TAL EDI
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 21:16	BWM	TAL EDI

Client Sample ID: GT-3

Date Collected: 04/29/20 19:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 10:16	SZD	TAL EDI
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 21:28	BWM	TAL EDI

Client Sample ID: GT-4

Date Collected: 04/29/20 20:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 15:27	SZD	TAL EDI
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 21:41	BWM	TAL EDI

Client Sample ID: GT-5

Date Collected: 04/29/20 20:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 10:57	SZD	TAL EDI
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 21:54	BWM	TAL EDI

Client Sample ID: GW-DUP

Date Collected: 04/29/20 18:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 11:18	SZD	TAL EDI

Eurofins TestAmerica, Edison

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Client Sample ID: GW-DUP

Date Collected: 04/29/20 18:00

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			692128	05/04/20 18:20	ABA	TAL EDI
Total/NA	Analysis	8015D		1	692274	05/05/20 22:06	BWM	TAL EDI

Client Sample ID: Trip Blank

Date Collected: 04/29/20 21:30

Date Received: 05/01/20 09:30

Lab Sample ID: 460-208037-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	692459	05/06/20 08:53	SZD	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-208037-1

Laboratory: Eurofins TestAmerica, Edison

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits
8260C		Water	1,2-Dichloroethene, Total

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GT-1R	460-208037-1	102	107	104	99
GT-2R	460-208037-2	102	108	103	98
GT-3	460-208037-3	102	108	103	97
GT-4	460-208037-4	103	111	102	98
GT-5	460-208037-5	104	109	103	99
GW-DUP	460-208037-6	102	107	104	97
Trip Blank	460-208037-7	102	107	102	96
	MB 460-692459/7	102	109	104	97
	LCS 460-692459/3	103	106	102	99
	LCSD 460-692459/4	103	106	100	98

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-208037-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT123864.D

Lab ID: LCS 460-692459/3

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	104	104	61-134	
Acetonitrile	200	276	138	29-150	
Benzene	20.0	22.9	115	78-126	
Benzyl chloride	20.0	14.3	71	16-150	
Bromodichloromethane	20.0	18.7 J	93	72-121	
Bromoform	20.0	12.4	62	38-144	
Bromomethane	20.0	26.8	134	10-150	
4-Methyl-2-pentanone (MIBK)	100	109	109	78-125	
Carbon disulfide	20.0	22.9 J	114	64-138	
Carbon tetrachloride	20.0	15.6	78	56-131	
Chlorobenzene	20.0	21.3	107	80-119	
Chloroethane	20.0	24.0	120	29-150	
2-Chloroethyl vinyl ether	20.0	20.2	101	29-148	
Chloroform	20.0	22.8	114	78-125	
Chloromethane	20.0	25.8	129	38-150	
cis-1,3-Dichloropropene	20.0	19.9	100	74-125	
Dibromochloromethane	20.0	15.8 J	79	58-130	
Dibromomethane	20.0	21.5	107	72-122	
1,2-Dibromo-3-Chloropropane	20.0	16.1	80	41-143	
1,2-Dichlorobenzene	20.0	22.1	111	79-122	
1,3-Dichlorobenzene	20.0	21.6	108	80-121	
1,4-Dichlorobenzene	20.0	21.9	109	80-118	
Dichlorodifluoromethane	20.0	23.1	116	31-150	
1,1-Dichloroethane	20.0	23.0	115	73-130	
1,2-Dichloroethane	20.0	22.1	111	75-121	
1,1-Dichloroethene	20.0	20.9	104	68-133	
1,2-Dichloroethene, Total	40.0	42.5	106	77-122	
1,2-Dichloropropane	20.0	22.1	110	76-126	
Ethylbenzene	20.0	21.9	109	78-120	
2-Butanone (MEK)	100	98.6	99	69-128	
Methylene Chloride	20.0	22.1	111	74-127	
Methyl methacrylate	40.0	38.8 J	97	50-133	
m&p-Xylene	20.0	21.7	108	78-123	
o-Xylene	20.0	21.5	107	78-122	
Styrene	20.0	21.2	106	75-127	
1,1,1,2-Tetrachloroethane	20.0	17.5	87	63-129	
1,1,2,2-Tetrachloroethane	20.0	22.5	112	63-139	
Tetrachloroethene	20.0	22.0	110	70-127	
trans-1,2-Dichloroethene	20.0	21.5	107	74-126	
trans-1,3-Dichloropropene	20.0	19.1	95	66-127	
1,1,1-Trichloroethane	20.0	20.3	101	68-128	
1,1,2-Trichloroethane	20.0	21.0	105	74-125	

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.: 460-208037-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT123864.D
 Lab ID: LCS 460-692459/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	19.7	99	71-121	
1,2,3-Trichloropropane	20.0	21.9	109	64-127	
Toluene	20.0	21.6	108	78-119	
Vinyl acetate	40.0	55.0	137	55-142	
Vinyl chloride	20.0	25.0	125	61-144	
Xylenes, Total	40.0	43.1	108	78-122	
2-Hexanone	100	104	104	74-127	
cis-1,2-Dichloroethene	20.0	21.1	105	78-121	
1,2-Dibromoethane	20.0	20.4	102	69-126	
Ethyl methacrylate	20.0	19.9	100	56-131	
Iodomethane	20.0	22.4	112	10-150	
trans-1,4-Dichloro-2-butene	20.0	15.8	79	45-132	
Methacrylonitrile	200	228	114	63-136	

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.: 460-208037-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT123865.D

Lab ID: LCSD 460-692459/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	105	105	1	30	61-134	
Acetonitrile	200	269	135	3	30	29-150	
Benzene	20.0	22.9	114	0	30	78-126	
Benzyl chloride	20.0	14.5	72	1	30	16-150	
Bromodichloromethane	20.0	19.2 J	96	3	30	72-121	
Bromoform	20.0	12.4	62	0	30	38-144	
Bromomethane	20.0	27.4	137	2	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	110	110	1	30	78-125	
Carbon disulfide	20.0	22.9 J	115	0	30	64-138	
Carbon tetrachloride	20.0	15.5	78	0	30	56-131	
Chlorobenzene	20.0	21.2	106	0	30	80-119	
Chloroethane	20.0	24.4	122	2	30	29-150	
2-Chloroethyl vinyl ether	20.0	20.4	102	1	30	29-148	
Chloroform	20.0	22.9	114	0	30	78-125	
Chloromethane	20.0	25.3	126	2	30	38-150	
cis-1,3-Dichloropropene	20.0	20.1	100	1	30	74-125	
Dibromochloromethane	20.0	15.6 J	78	1	30	58-130	
Dibromomethane	20.0	21.5	108	0	30	72-122	
1,2-Dibromo-3-Chloropropane	20.0	16.2	81	1	30	41-143	
1,2-Dichlorobenzene	20.0	22.6	113	2	30	79-122	
1,3-Dichlorobenzene	20.0	22.2	111	3	30	80-121	
1,4-Dichlorobenzene	20.0	22.2	111	1	30	80-118	
Dichlorodifluoromethane	20.0	22.1	111	4	30	31-150	
1,1-Dichloroethane	20.0	23.0	115	0	30	73-130	
1,2-Dichloroethane	20.0	22.5	113	2	30	75-121	
1,1-Dichloroethene	20.0	21.2	106	1	30	68-133	
1,2-Dichloroethene, Total	40.0	42.7	107	0	30	77-122	
1,2-Dichloropropane	20.0	22.2	111	1	30	76-126	
Ethylbenzene	20.0	21.6	108	1	30	78-120	
2-Butanone (MEK)	100	98.7	99	0	30	69-128	
Methylene Chloride	20.0	22.6	113	2	30	74-127	
Methyl methacrylate	40.0	37.9 J	95	2	30	50-133	
m&p-Xylene	20.0	21.7	108	0	30	78-123	
o-Xylene	20.0	21.2	106	1	30	78-122	
Styrene	20.0	21.3	106	0	30	75-127	
1,1,1,2-Tetrachloroethane	20.0	17.7	88	1	30	63-129	
1,1,2,2-Tetrachloroethane	20.0	22.5	113	0	30	63-139	
Tetrachloroethene	20.0	21.9	109	0	30	70-127	
trans-1,2-Dichloroethene	20.0	21.5	108	0	30	74-126	
trans-1,3-Dichloropropene	20.0	19.0	95	0	30	66-127	
1,1,1-Trichloroethane	20.0	20.9	104	3	30	68-128	
1,1,2-Trichloroethane	20.0	21.0	105	0	30	74-125	

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.: 460-208037-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT123865.D
 Lab ID: LCSD 460-692459/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	20.3	101	3	30	71-121	
1,2,3-Trichloropropane	20.0	21.9	110	0	30	64-127	
Toluene	20.0	21.9	109	1	30	78-119	
Vinyl acetate	40.0	52.9	132	4	30	55-142	
Vinyl chloride	20.0	25.1	126	1	30	61-144	
Xylenes, Total	40.0	42.8	107	1	30	78-122	
2-Hexanone	100	107	107	2	30	74-127	
cis-1,2-Dichloroethene	20.0	21.1	106	0	30	78-121	
1,2-Dibromoethane	20.0	21.2	106	4	30	69-126	
Ethyl methacrylate	20.0	20.1	101	1	30	56-131	
Iodomethane	20.0	22.4	112	0	30	10-150	
trans-1,4-Dichloro-2-butene	20.0	16.6	83	5	30	45-132	
Methacrylonitrile	200	229	114	0	30	63-136	

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.: 460-208037-1
SDG No.: _____
Lab File ID: TT123868.D Lab Sample ID: MB 460-692459/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS17 Date Analyzed: 05/06/2020 08:33
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-692459/3	TT123864.D	05/06/2020 07:09
	LCSD 460-692459/4	TT123865.D	05/06/2020 07:30
Trip Blank	460-208037-7	TT123869.D	05/06/2020 08:53
GT-1R	460-208037-1	TT123871.D	05/06/2020 09:35
GT-2R	460-208037-2	TT123872.D	05/06/2020 09:55
GT-3	460-208037-3	TT123873.D	05/06/2020 10:16
GT-5	460-208037-5	TT123875.D	05/06/2020 10:57
GW-DUP	460-208037-6	TT123876.D	05/06/2020 11:18
GT-4	460-208037-4	TT123888.D	05/06/2020 15:27

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Lab File ID: TT123403.D BFB Injection Date: 04/27/2020
 Instrument ID: CVOAMS17 BFB Injection Time: 12:03
 Analysis Batch No.: 690376

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.8
75	30.0 - 60.0 % of mass 95	49.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.8
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	67.1
175	5.0 - 9.0 % of mass 174	5.1 (7.6) 1
176	95.0 - 101.0 % of mass 174	64.5 (96.3) 1
177	5.0 - 9.0 % of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-690376/2	TT123404.D	04/27/2020	12:20
	STD05 460-690376/3	TT123405.D	04/27/2020	12:41
	STD1 460-690376/4	TT123406.D	04/27/2020	13:02
	STD5 460-690376/5	TT123407.D	04/27/2020	13:23
	STD20 460-690376/6	TT123408.D	04/27/2020	13:43
	STD50 460-690376/7	TT123409.D	04/27/2020	14:04
	STD200 460-690376/8	TT123410.D	04/27/2020	14:25
	STD500 460-690376/9	TT123411.D	04/27/2020	14:45

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab File ID: TT123862.D BFB Injection Date: 05/06/2020
Instrument ID: CVOAMS17 BFB Injection Time: 06:24
Analysis Batch No.: 692459

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.1
75	30.0 - 60.0 % of mass 95	51.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.9
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	69.6
175	5.0 - 9.0 % of mass 174	3.5 (5.1) 1
176	95.0 - 101.0 % of mass 174	67.3 (96.6) 1
177	5.0 - 9.0 % of mass 176	4.4 (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
	CCVIS 460-692459/2	TT123863.D	05/06/2020	6:47
	LCS 460-692459/3	TT123864.D	05/06/2020	7:09
	LCSD 460-692459/4	TT123865.D	05/06/2020	7:30
	MB 460-692459/7	TT123868.D	05/06/2020	8:33
Trip Blank	460-208037-7	TT123869.D	05/06/2020	8:53
GT-1R	460-208037-1	TT123871.D	05/06/2020	9:35
GT-2R	460-208037-2	TT123872.D	05/06/2020	9:55
GT-3	460-208037-3	TT123873.D	05/06/2020	10:16
GT-5	460-208037-5	TT123875.D	05/06/2020	10:57
GW-DUP	460-208037-6	TT123876.D	05/06/2020	11:18
GT-4	460-208037-4	TT123888.D	05/06/2020	15:27

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Sample No.: CCVIS 460-692459/2 Date Analyzed: 05/06/2020 06:47
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT123863.D Heated Purge: (Y/N) N
 Calibration ID: 79507

		TBA d9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32532	2.84	255801	3.80	334880	4.83
UPPER LIMIT		65064	3.34	511602	4.30	669760	5.33
LOWER LIMIT		16266	2.34	127901	3.30	167440	4.33
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-692459/3		28023	2.84	215852	3.81	304956	4.84
LCSD 460-692459/4		27058	2.84	213375	3.81	304713	4.84
MB 460-692459/7		29853	2.84	237168	3.81	337130	4.84
460-208037-7	Trip Blank	26971	2.82	212258	3.81	320836	4.83
460-208037-1	GT-1R	27683	2.84	223092	3.81	326039	4.84
460-208037-2	GT-2R	27958	2.83	227780	3.81	324086	4.83
460-208037-3	GT-3	29561	2.82	235096	3.81	331279	4.84
460-208037-5	GT-5	29036	2.82	226195	3.81	318660	4.84
460-208037-6	GW-DUP	30141	2.82	232471	3.81	324260	4.84
460-208037-4	GT-4	28939	2.82	233529	3.80	308764	4.83

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Sample No.: CCVIS 460-692459/2 Date Analyzed: 05/06/2020 06:47
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT123863.D Heated Purge: (Y/N) N
 Calibration ID: 79507

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		19440	5.51	219874	8.18	104496	10.87
UPPER LIMIT		38880	6.01	439748	8.68	208992	11.37
LOWER LIMIT		9720	5.01	109937	7.68	52248	10.37
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-692459/3		16675	5.51	199445	8.18	94447	10.87
LCSD 460-692459/4		16157	5.51	202463	8.18	93747	10.87
MB 460-692459/7		18315	5.51	207593	8.18	102895	10.87
460-208037-7	Trip Blank	16495	5.51	200201	8.18	97457	10.87
460-208037-1	GT-1R	17428	5.51	198023	8.18	99251	10.87
460-208037-2	GT-2R	16828	5.51	199148	8.18	99190	10.87
460-208037-3	GT-3	17575	5.51	202594	8.18	100574	10.87
460-208037-5	GT-5	17024	5.51	196235	8.18	96789	10.87
460-208037-6	GW-DUP	17753	5.51	198594	8.18	97429	10.87
460-208037-4	GT-4	18209	5.51	193834	8.18	93311	10.87

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1R</u>	Lab Sample ID: <u>460-208037-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123871.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 21:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 09:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1R</u>	Lab Sample ID: <u>460-208037-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123871.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 21:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 09:35</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	1.0	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
2037-26-5	Toluene-d8 (Surr)	104		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D
 Lims ID: 460-208037-A-1
 Client ID: GT-1R
 Sample Type: Client
 Inject. Date: 06-May-2020 09:35:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-1
 Misc. Info.: 460-0109666-010
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: desais

Date: 06-May-2020 10:06:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.837	2.836	0.000	98	27683	1000.0	
* 42 2-Butanone-d5	46	3.812	3.806	0.006	99	223092	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	96	80574	51.2	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.580	4.580	0.000	95	107101	53.6	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	326039	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	93	17428	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.446	6.439	0.007	97	282645	52.2	
88 Tetrachloroethene	166	7.104	7.104	0.000	89	1483	1.03	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	92	198023	50.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	67371	49.3	
* 121 1,4-Dichlorobenzene-d4	152	10.872	10.872	0.000	98	99251	50.0	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D

Injection Date: 06-May-2020 09:35:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-1

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID:

ALS Bottle#: 9

Worklist Smp#: 10

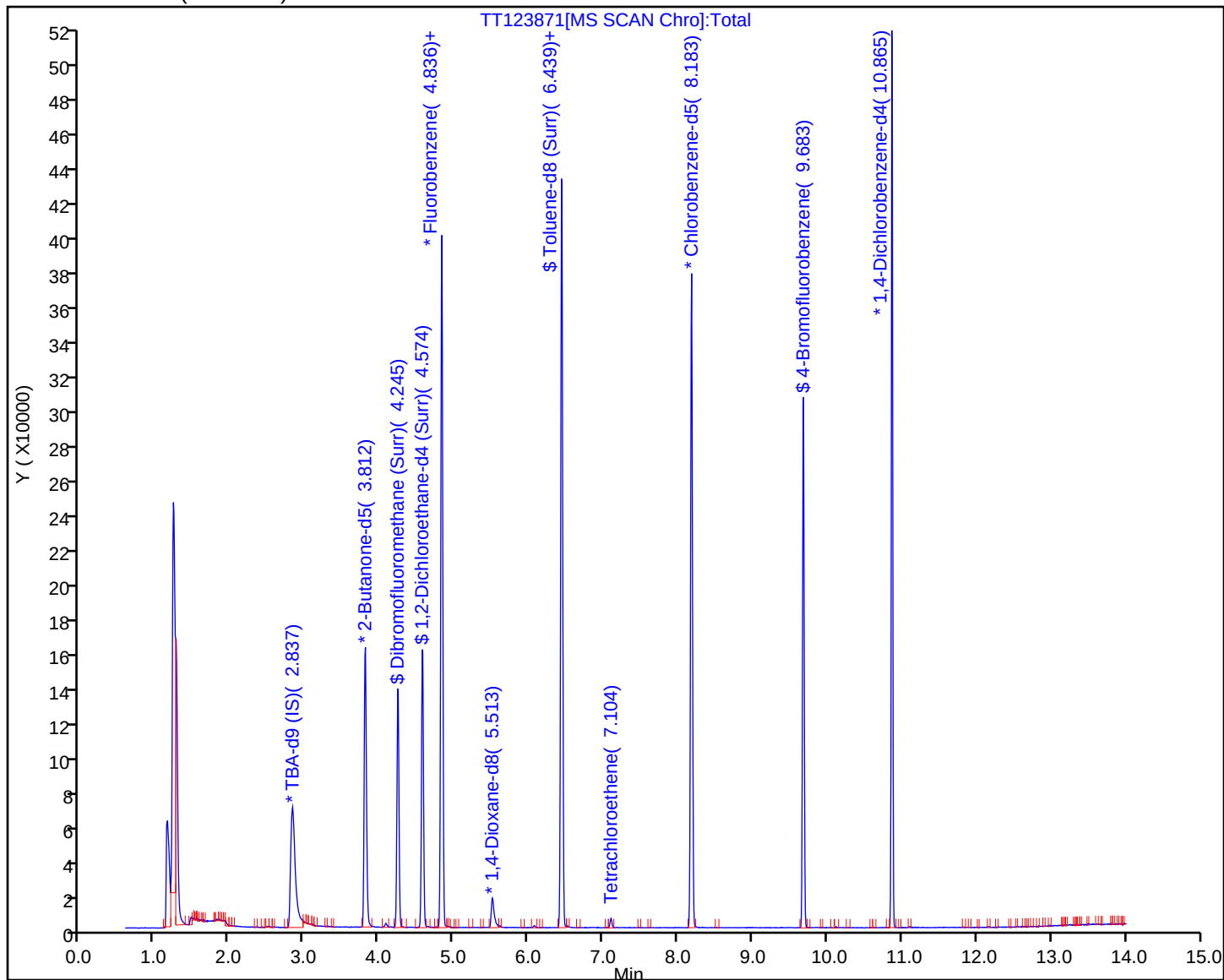
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D

Injection Date: 06-May-2020 09:35:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-1

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

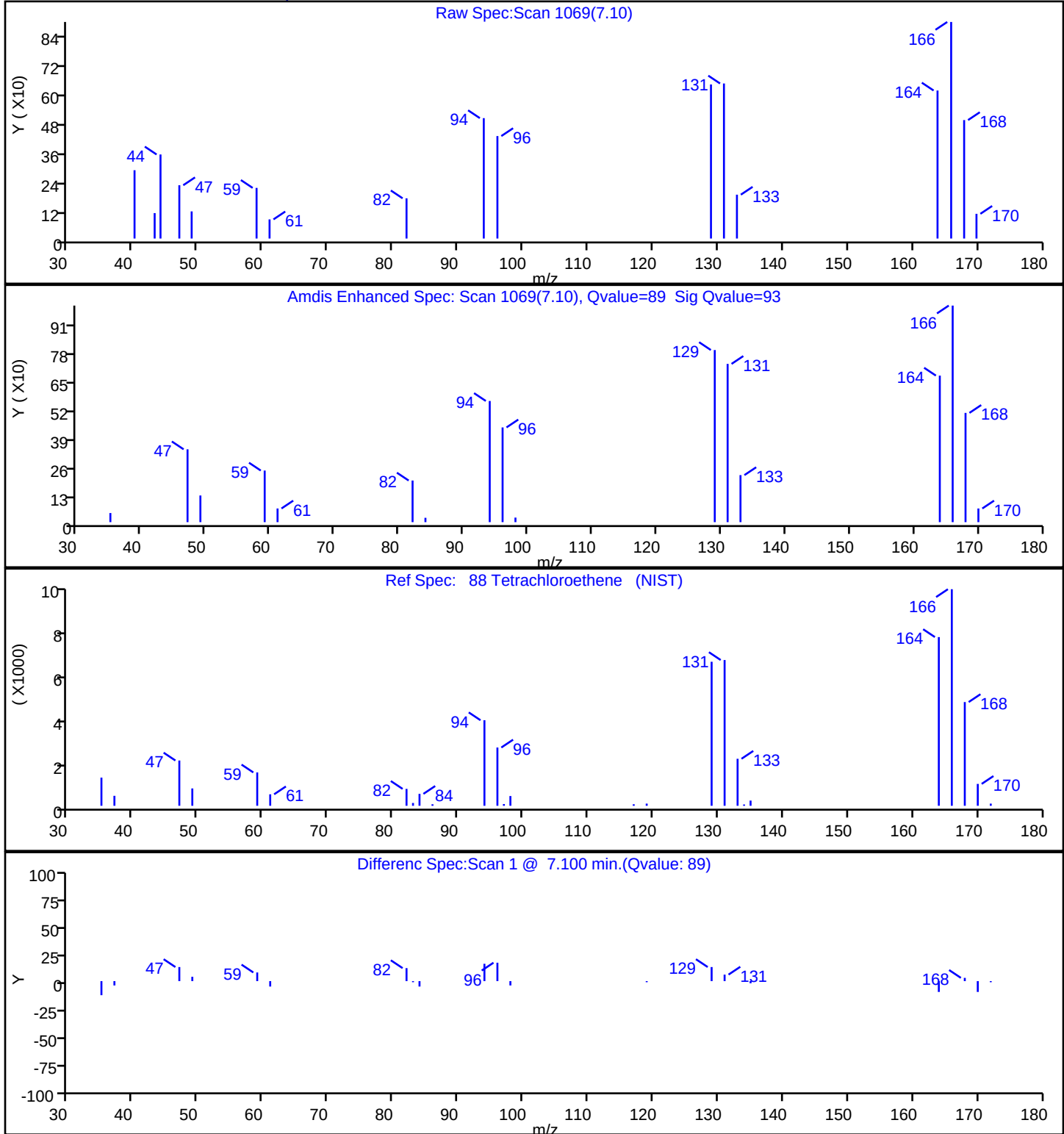
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D

Injection Date: 06-May-2020 09:35:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-1

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

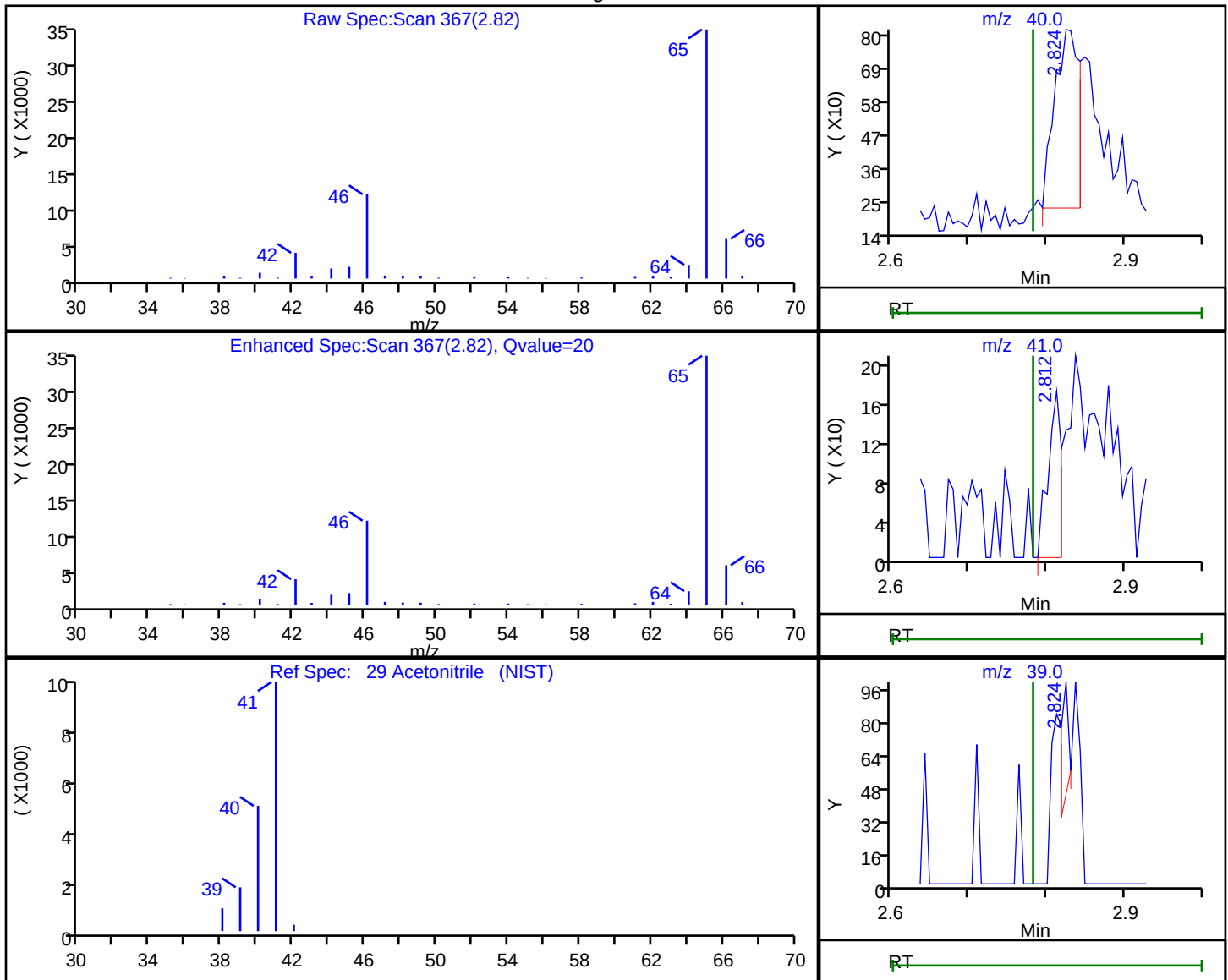
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.82	40.00	1305	6.938547
2.81	41.00	198	
2.82	39.00	37	
2.83	38.00	1254	

Reviewer: desais, 06-May-2020 10:05:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D

Injection Date: 06-May-2020 09:35:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-1

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

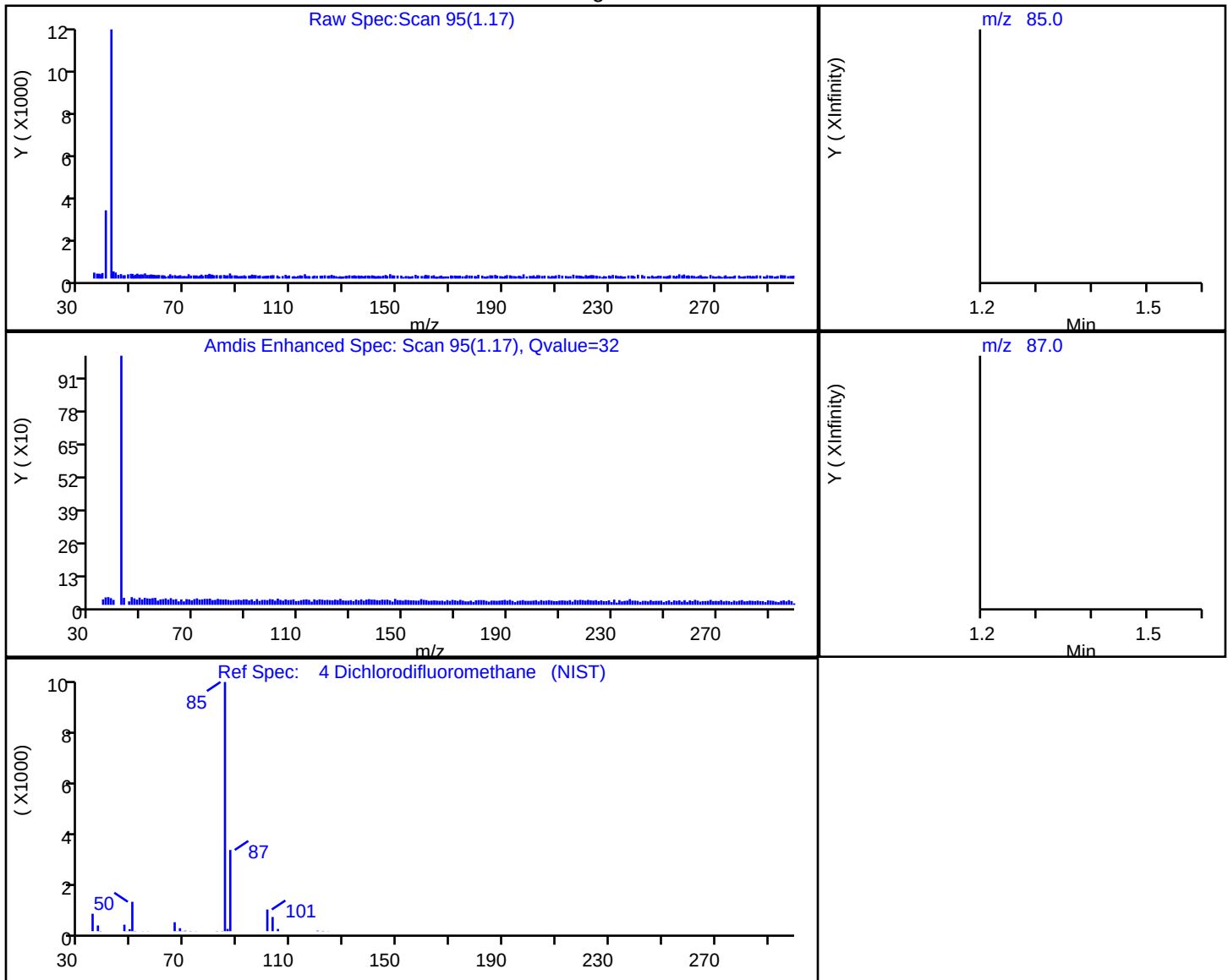
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.17	85.00	518	0.168731
1.16	87.00	442	

Reviewer: desais, 06-May-2020 10:05:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123871.D

Injection Date: 06-May-2020 09:35:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-1

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

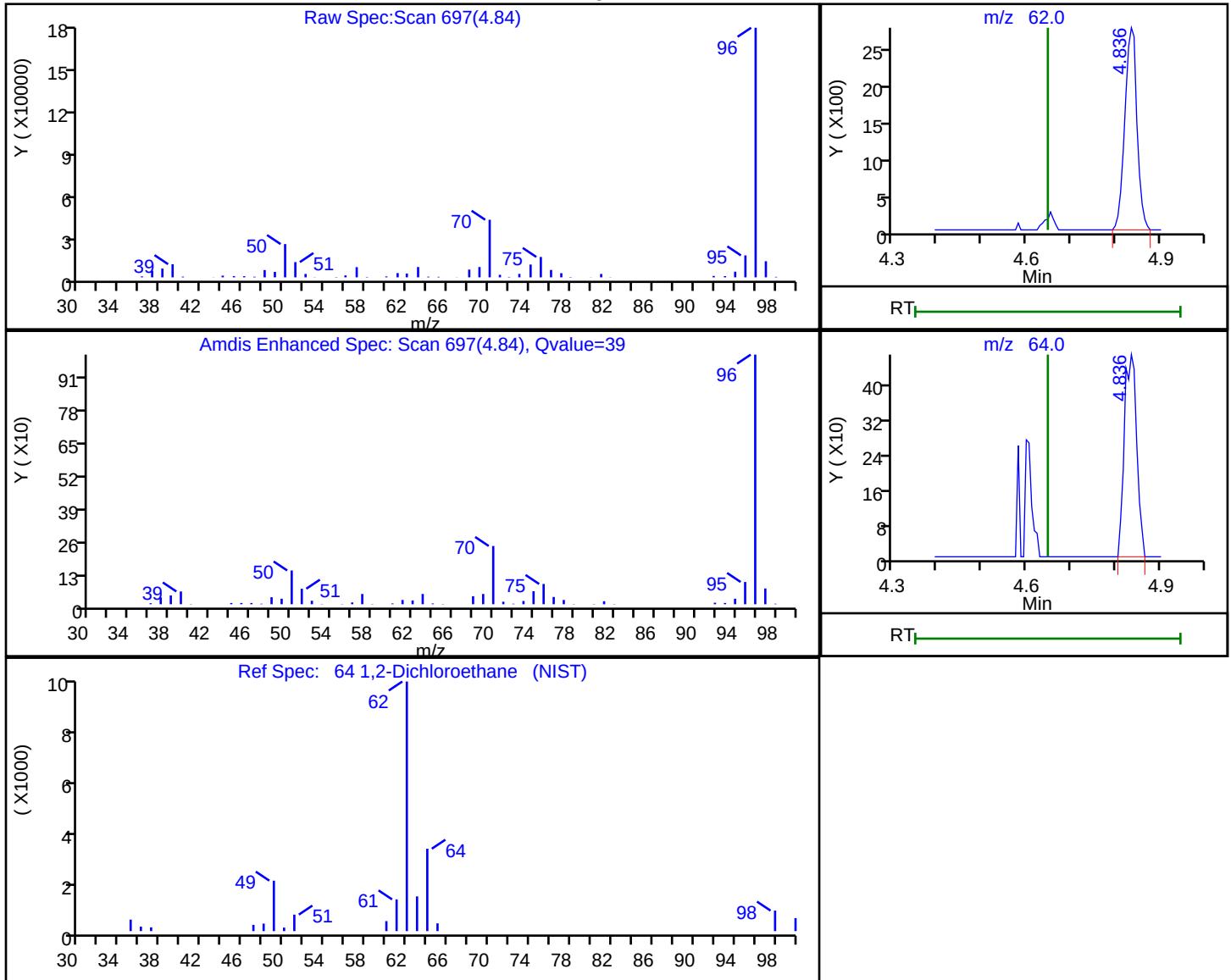
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.84	62.00	5174	1.883038
4.84	64.00	904	

Reviewer: desais, 06-May-2020 10:05:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2R</u>	Lab Sample ID: <u>460-208037-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123872.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 19:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 09:55</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	3.9	J	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	1.6	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2R</u>	Lab Sample ID: <u>460-208037-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123872.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 19:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 09:55</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D
 Lims ID: 460-208037-A-2
 Client ID: GT-2R
 Sample Type: Client
 Inject. Date: 06-May-2020 09:55:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-2
 Misc. Info.: 460-0109666-011
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: desais

Date: 06-May-2020 11:01:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.830	2.836	-0.006	98	27958	1000.0	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	99	227780	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	94	79474	50.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	106925	53.9	
* 66 Fluorobenzene	96	4.830	4.836	-0.006	97	324086	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	92	16828	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	281550	51.7	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	199148	50.0	
95 Chlorobenzene	112	8.219	8.220	-0.001	90	16275	3.87	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	67286	48.9	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	99190	50.0	
122 1,4-Dichlorobenzene	146	10.890	10.890	0.000	94	5121	1.56	
128 1,2-Dichlorobenzene	146	11.237	11.231	0.006	88	1112	0.3286	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

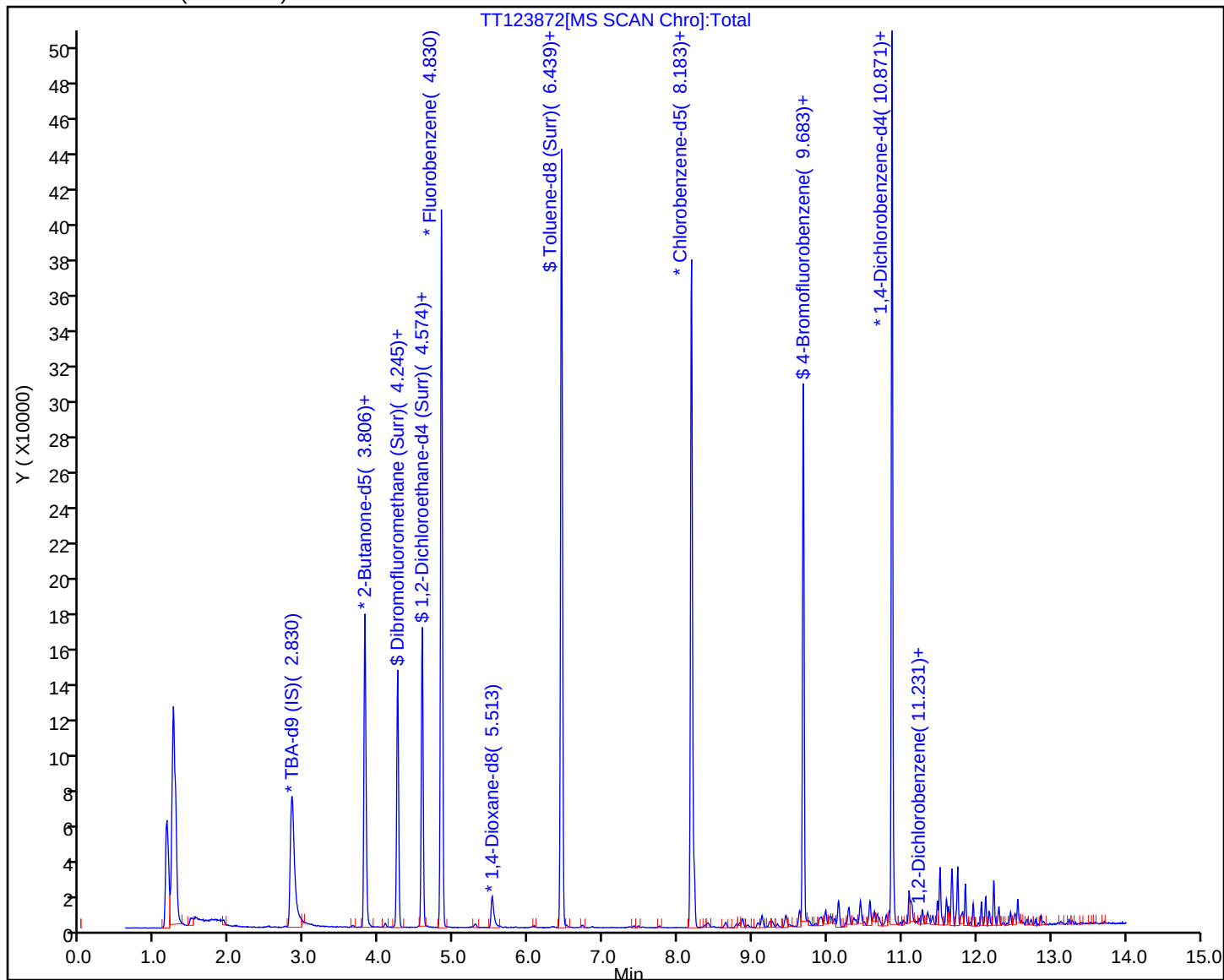
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

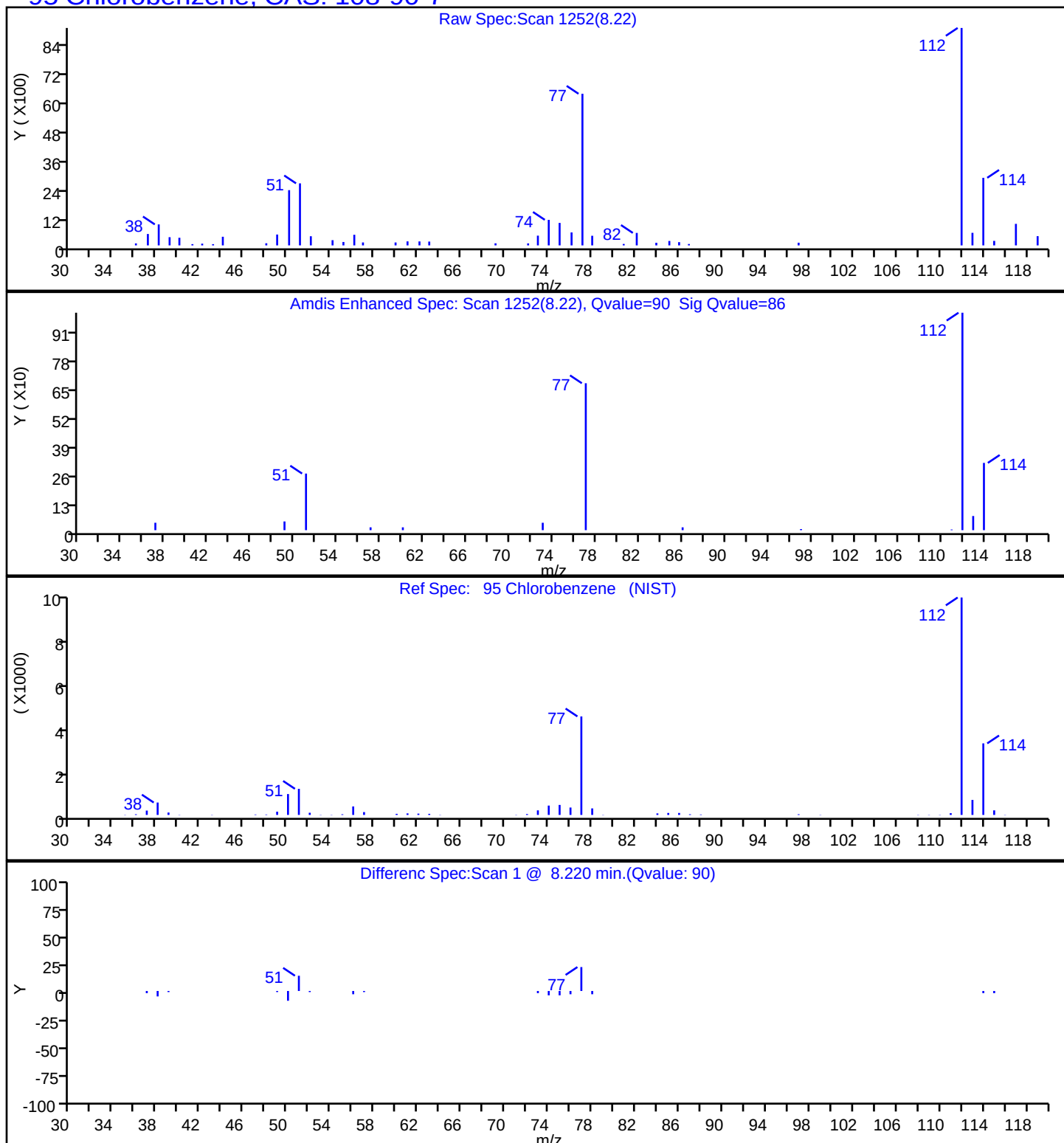
Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 5.000 mL

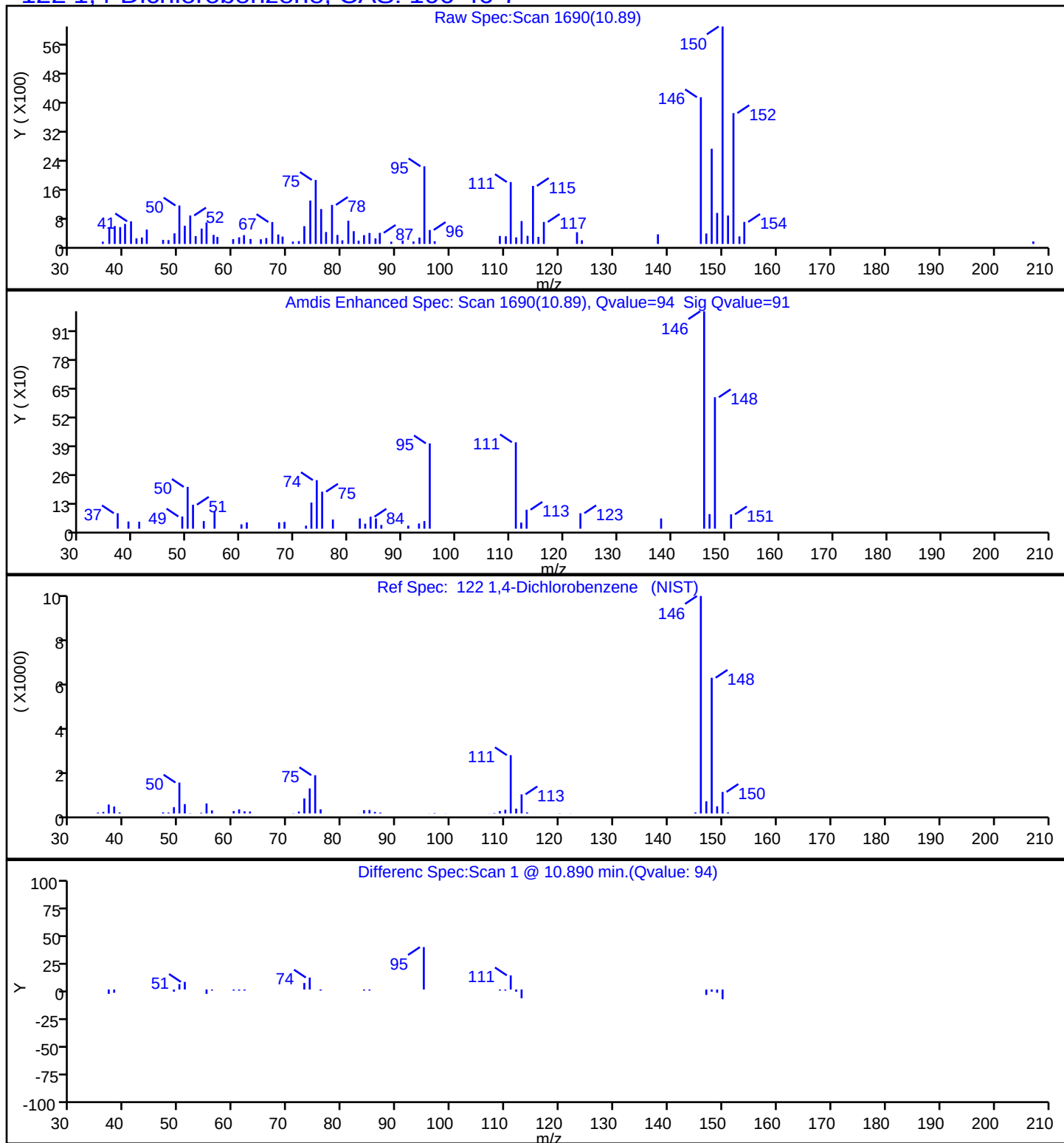
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

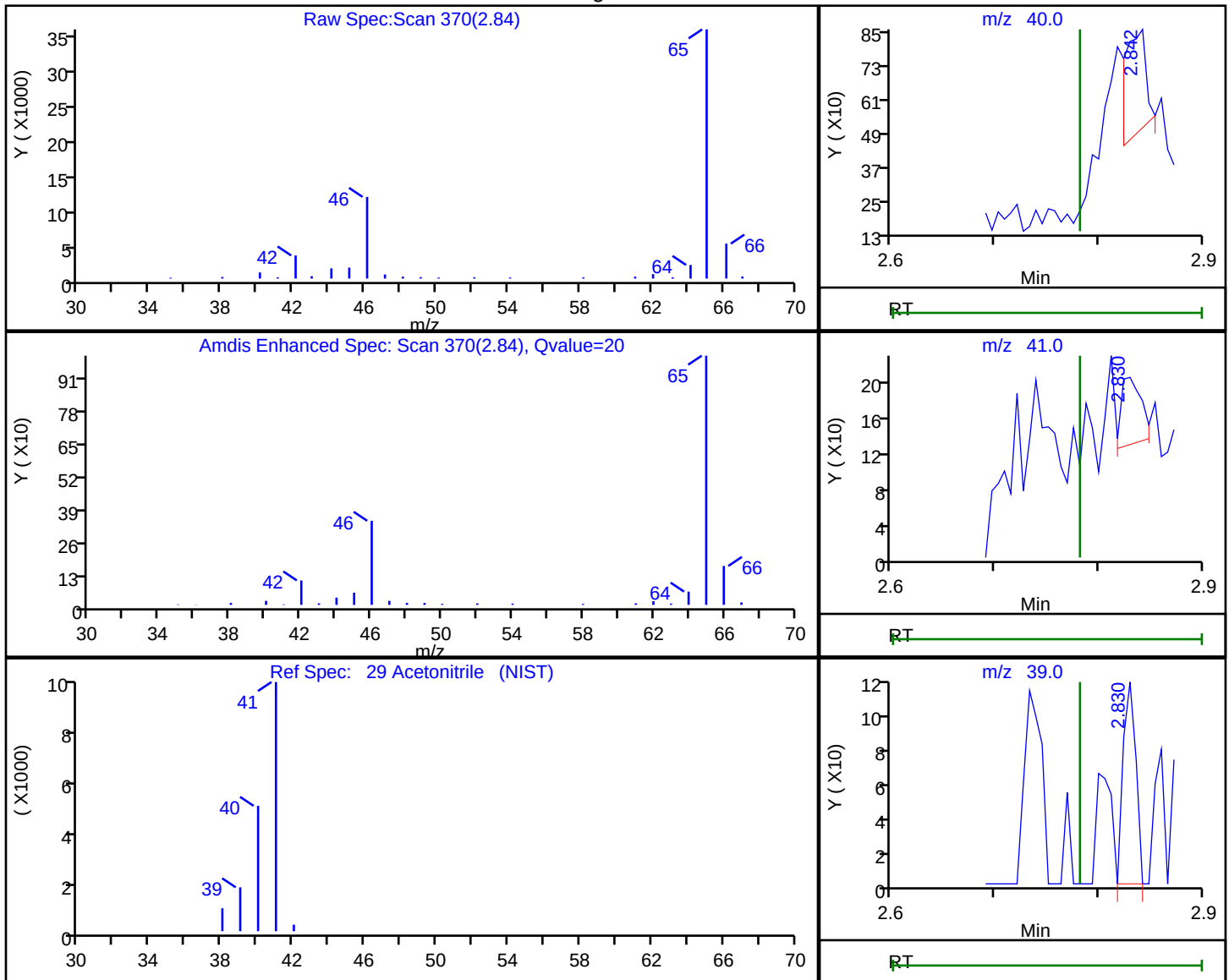
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	40.00	519	2.702557
2.83	41.00	102	
2.83	39.00	100	
2.85	38.00	108	

Reviewer: desais, 06-May-2020 11:00:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

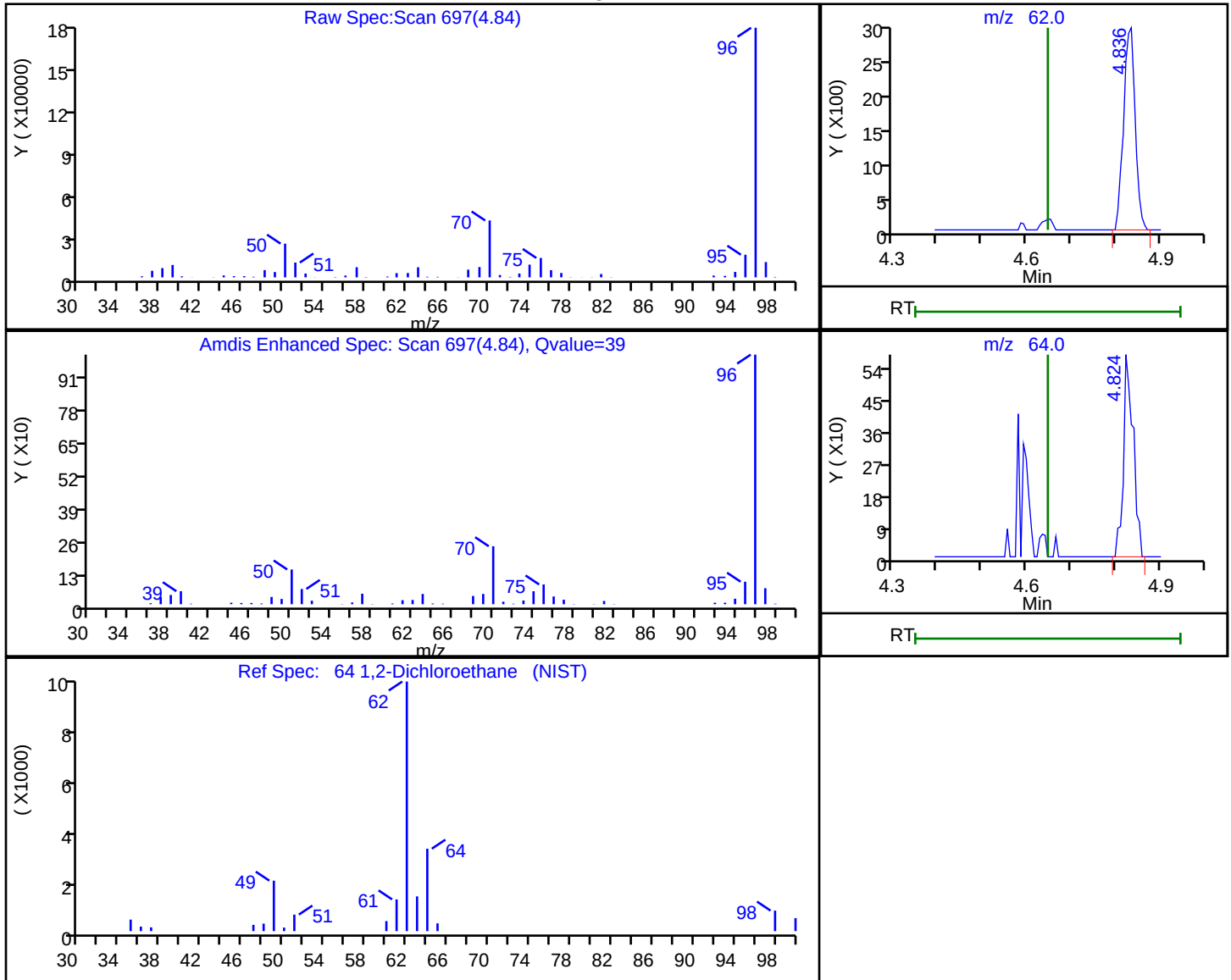
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.84	62.00	5395	1.975301
4.82	64.00	874	

Reviewer: desais, 06-May-2020 11:00:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123872.D

Injection Date: 06-May-2020 09:55:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-2

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

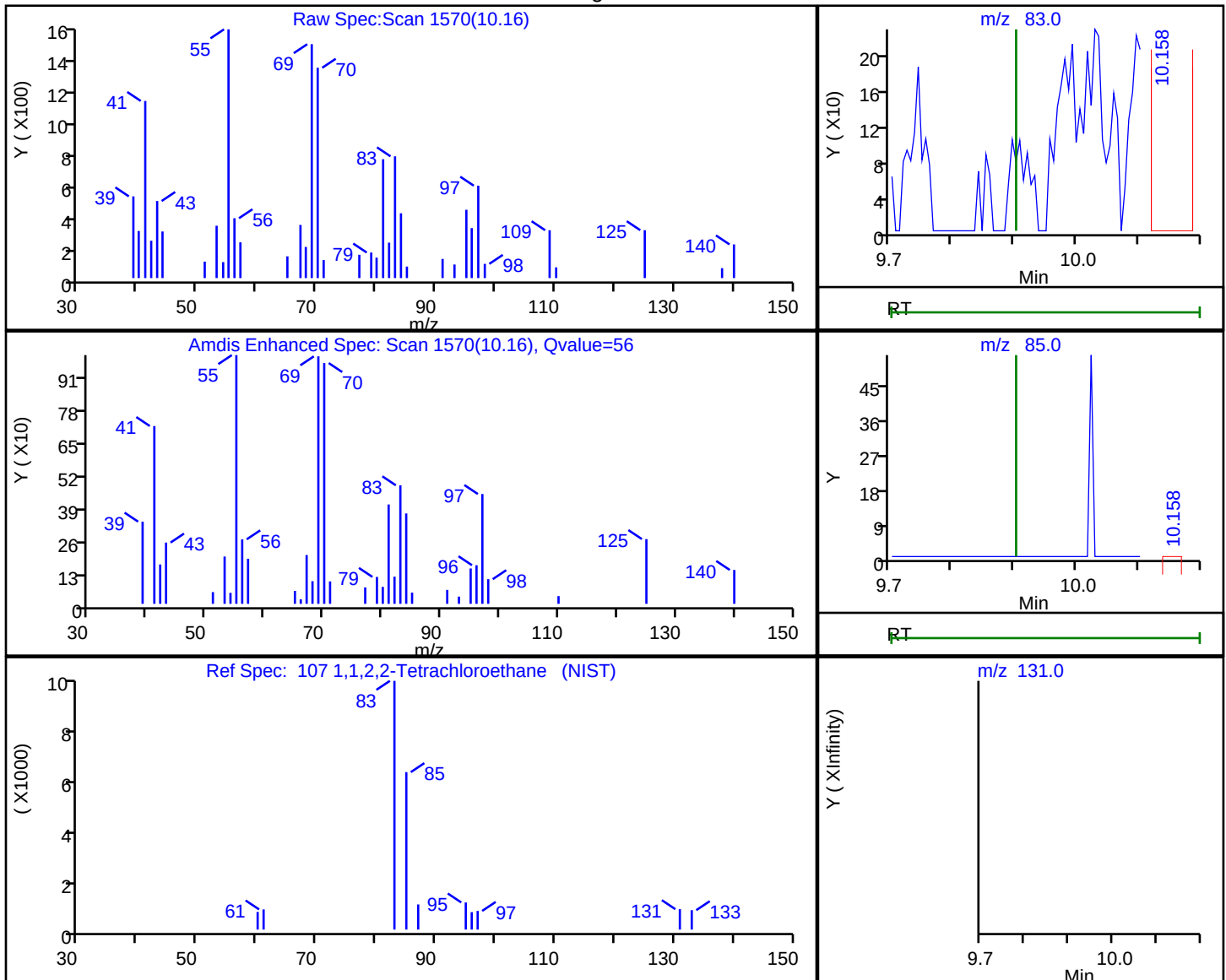
Column: DB-624 (0.18 mm)

Detector

MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.16	83.00	1403	0.657516
10.16	85.00	96	
9.90	131.00	0	

Reviewer: desais, 06-May-2020 11:00:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-208037-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123873.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 19:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 10:16</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-3 Lab Sample ID: 460-208037-3
 Matrix: Water Lab File ID: TT123873.D
 Analysis Method: 8260C Date Collected: 04/29/2020 19:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 10:16
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123873.D
 Lims ID: 460-208037-A-3
 Client ID: GT-3
 Sample Type: Client
 Inject. Date: 06-May-2020 10:16:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-3
 Misc. Info.: 460-0109666-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: desais

Date: 06-May-2020 11:01:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.824	2.836	-0.012	98	29561	1000.0	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	99	235096	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	81477	51.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	97	109064	53.8	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	331279	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	92	17575	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	286479	51.7	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	202594	50.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	68088	48.7	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	100574	50.0	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123873.D

Injection Date: 06-May-2020 10:16:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-3

Lab Sample ID: 460-208037-3

Client ID: GT-3

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

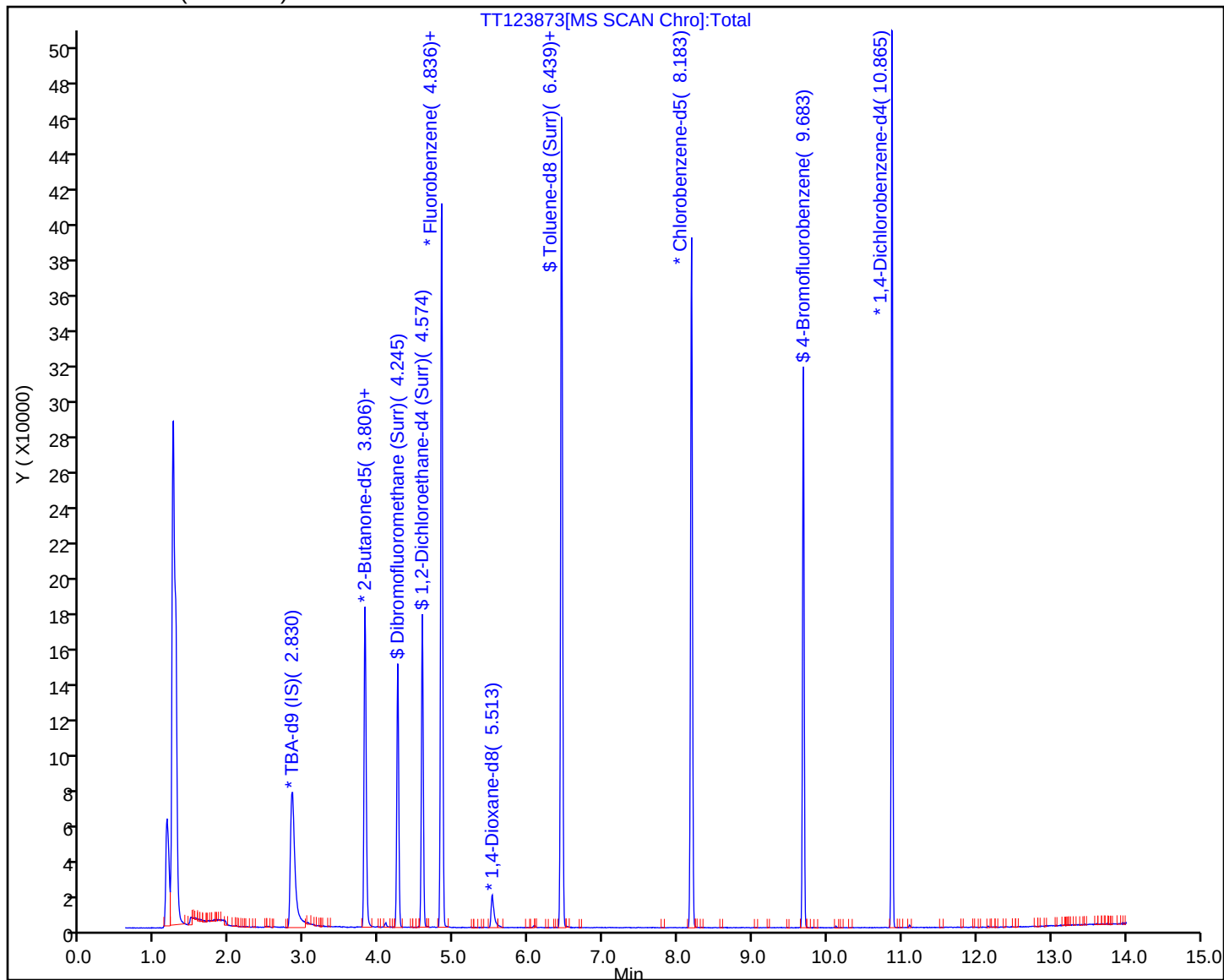
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123873.D

Injection Date: 06-May-2020 10:16:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-3

Lab Sample ID: 460-208037-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

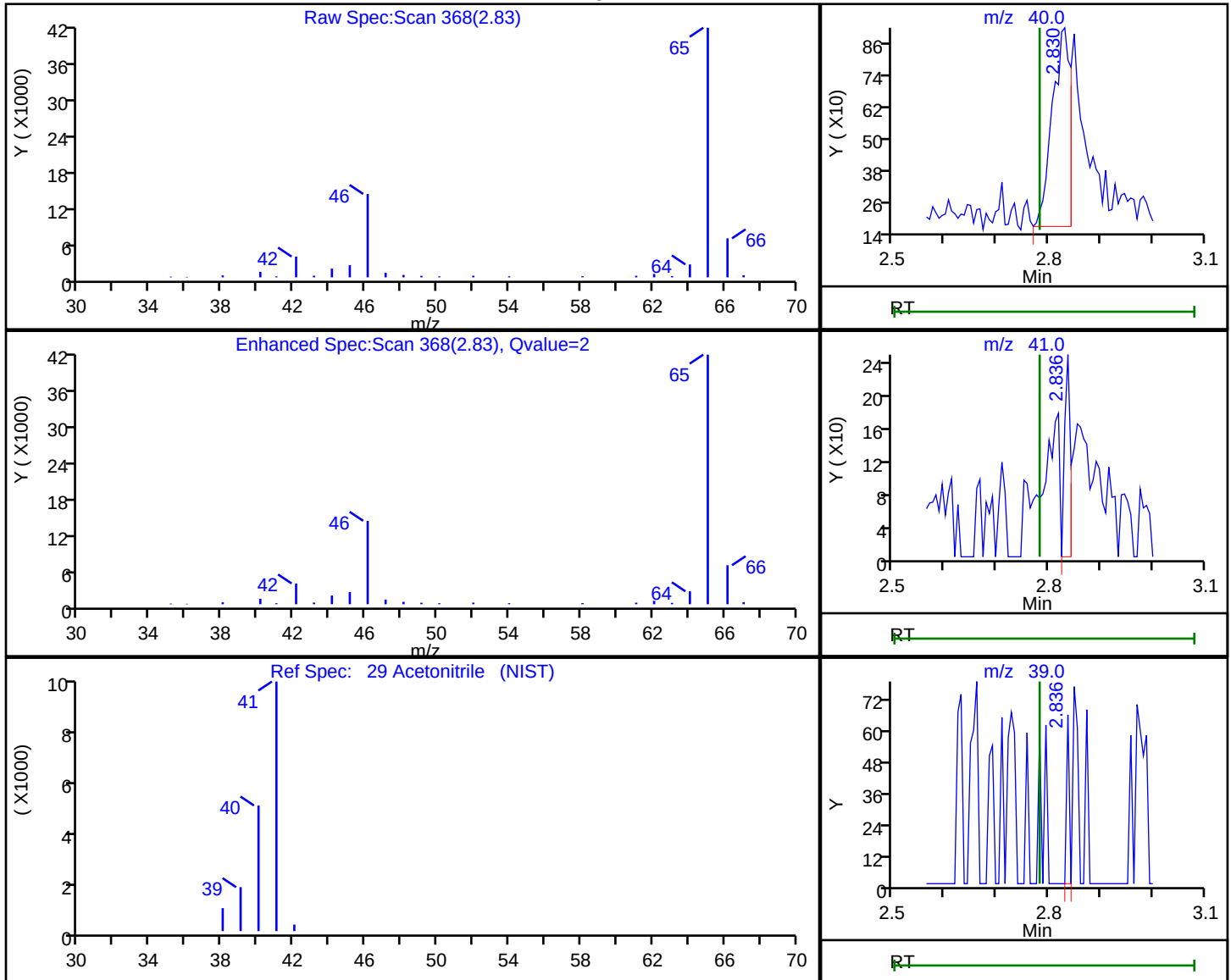
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.83	40.00	1815	9.157634
2.84	41.00	191	
2.84	39.00	24	
2.82	38.00	657	

Reviewer: desais, 06-May-2020 11:01:08

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123873.D

Injection Date: 06-May-2020 10:16:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-3

Lab Sample ID: 460-208037-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

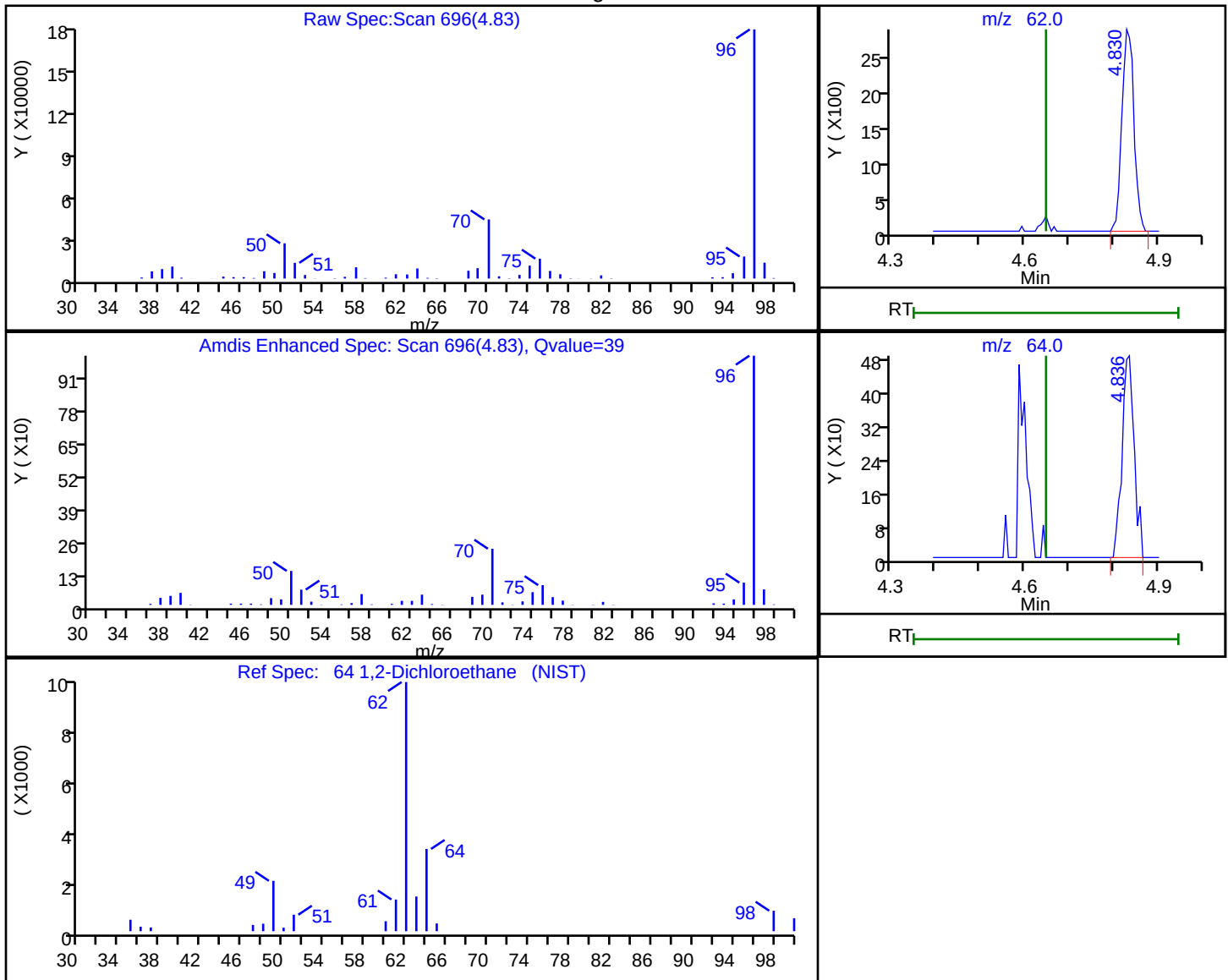
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.83	62.00	5404	1.935636
4.84	64.00	924	

Reviewer: desais, 06-May-2020 11:01:11

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.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-4 Lab Sample ID: 460-208037-4
 Matrix: Water Lab File ID: TT123888.D
 Analysis Method: 8260C Date Collected: 04/29/2020 20:00
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 15:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-4</u>	Lab Sample ID: <u>460-208037-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123888.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 20:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 15:27</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123888.D
 Lims ID: 460-208037-A-4
 Client ID: GT-4
 Sample Type: Client
 Inject. Date: 06-May-2020 15:27:30 ALS Bottle#: 26 Worklist Smp#: 27
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-4
 Misc. Info.: 460-0109666-027
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: parekhv

Date: 06-May-2020 17:13:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.824	2.836	-0.012	100	28939	1000.0	
* 42 2-Butanone-d5	46	3.800	3.806	-0.006	99	233529	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	76934	51.7	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	104692	55.4	
* 66 Fluorobenzene	96	4.830	4.836	-0.006	97	308764	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	93	18209	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	98	270199	50.9	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	193834	50.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	65464	48.9	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	93311	50.0	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123888.D

Injection Date: 06-May-2020 15:27:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-4

Lab Sample ID: 460-208037-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

26

Worklist Smp#:

27

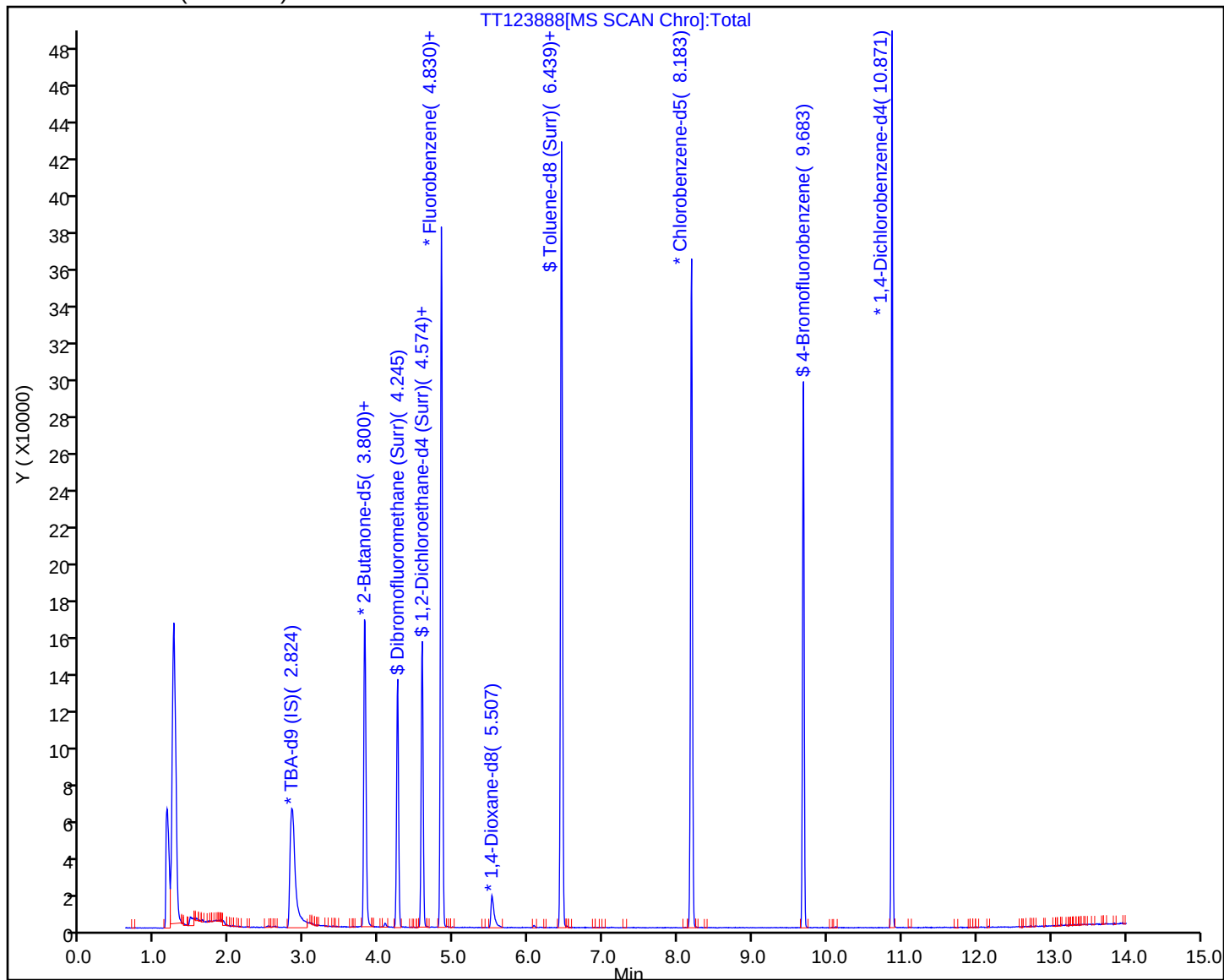
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-208037-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123875.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 20:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 10:57</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-5 Lab Sample ID: 460-208037-5
 Matrix: Water Lab File ID: TT123875.D
 Analysis Method: 8260C Date Collected: 04/29/2020 20:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 10:57
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	0.75	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D
 Lims ID: 460-208037-A-5
 Client ID: GT-5
 Sample Type: Client
 Inject. Date: 06-May-2020 10:57:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-5
 Misc. Info.: 460-0109666-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: asfawa

Date: 07-May-2020 12:49:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.824	2.836	-0.012	98	29036	1000.0	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	99	226195	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.007	95	79757	51.9	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	106041	54.3	
* 66 Fluorobenzene	96	4.836	4.836	0.000	99	318660	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	17024	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	277832	51.7	
88 Tetrachloroethene	166	7.104	7.104	0.000	81	1063	0.7470	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	196235	50.0	
\$ 105 4-Bromofluorobenzene	174	9.682	9.683	-0.001	0	66860	49.3	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	96789	50.0	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D

Injection Date: 06-May-2020 10:57:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-5

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

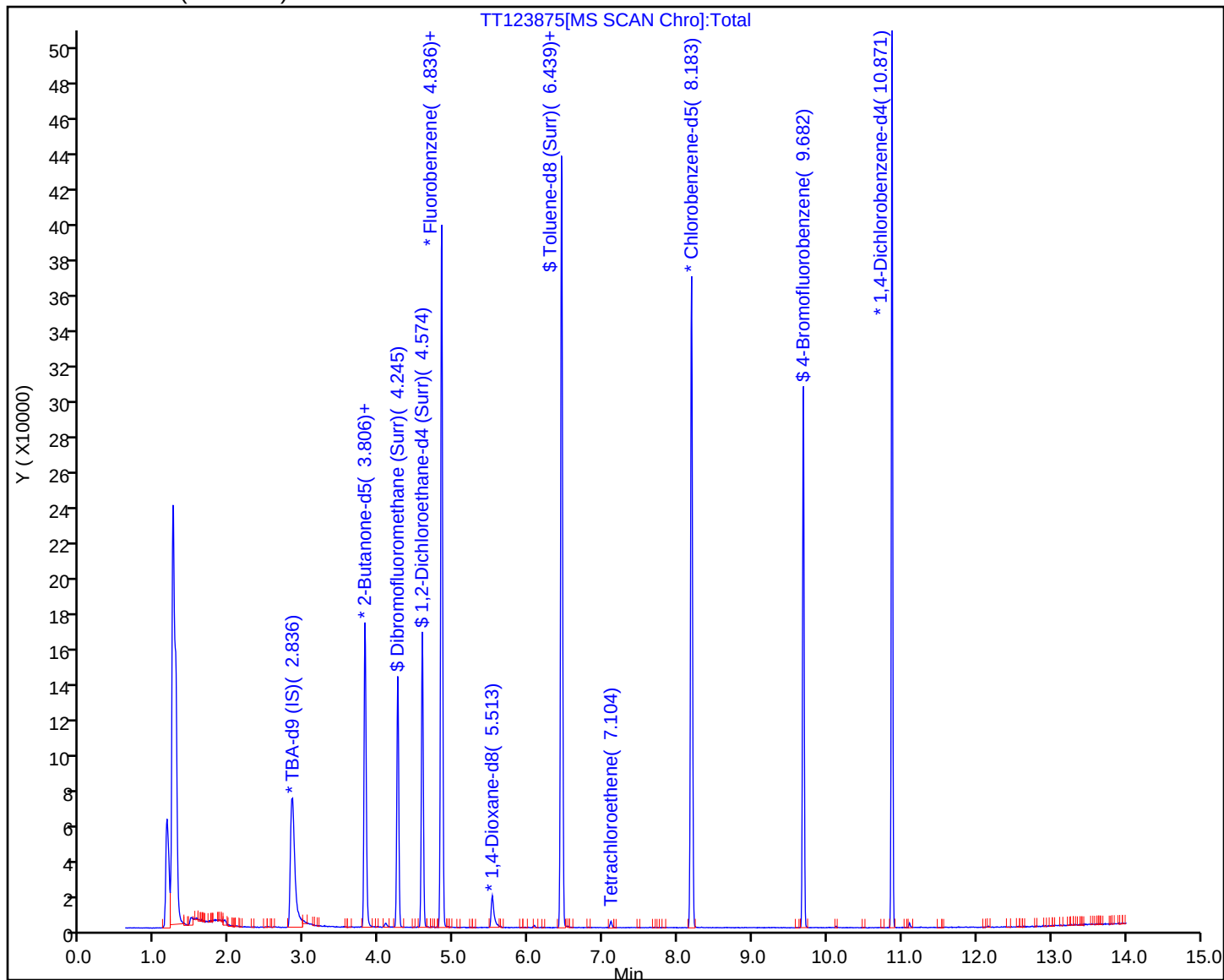
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D

Injection Date: 06-May-2020 10:57:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-5

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

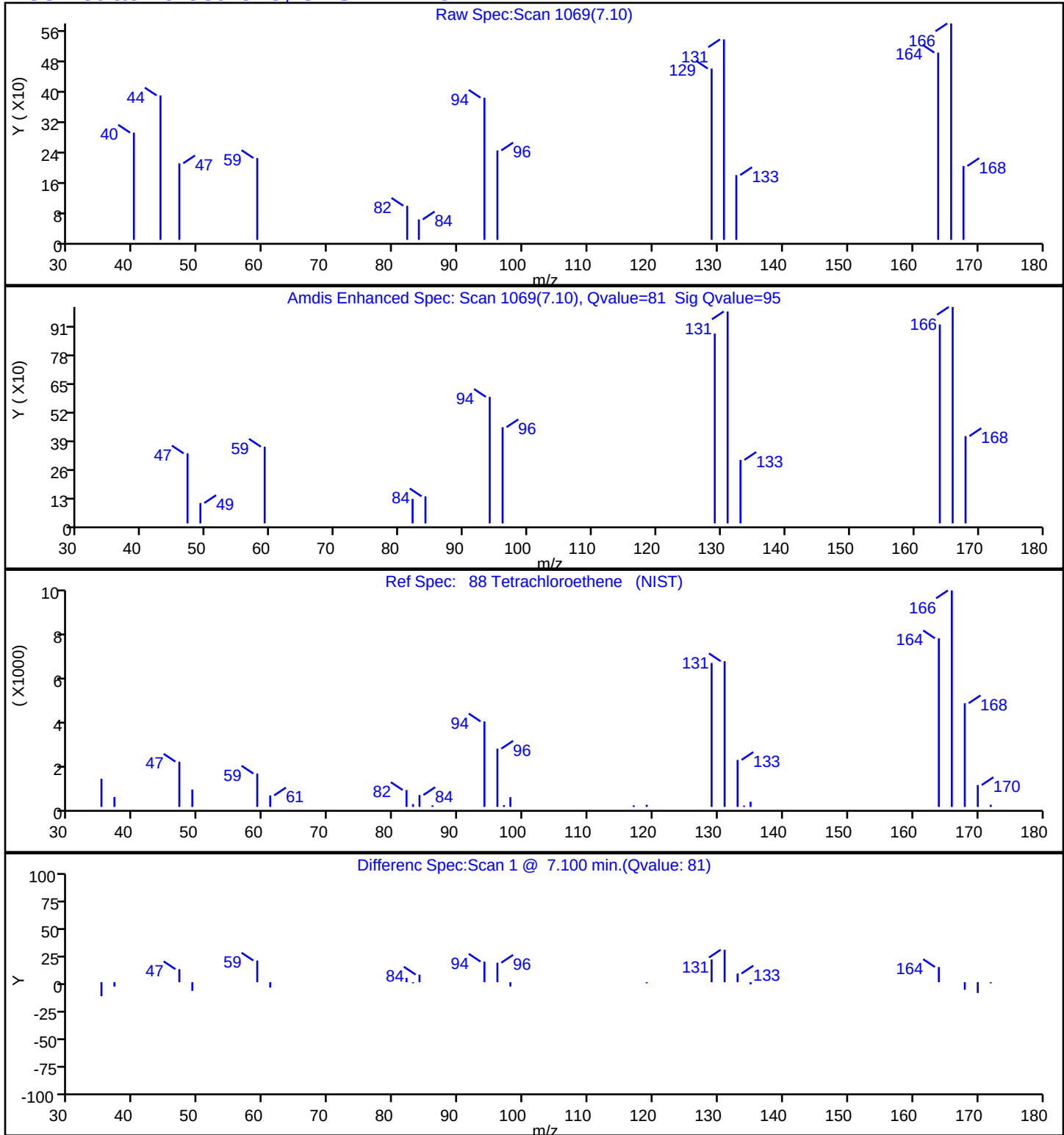
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D

Injection Date: 06-May-2020 10:57:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-5

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

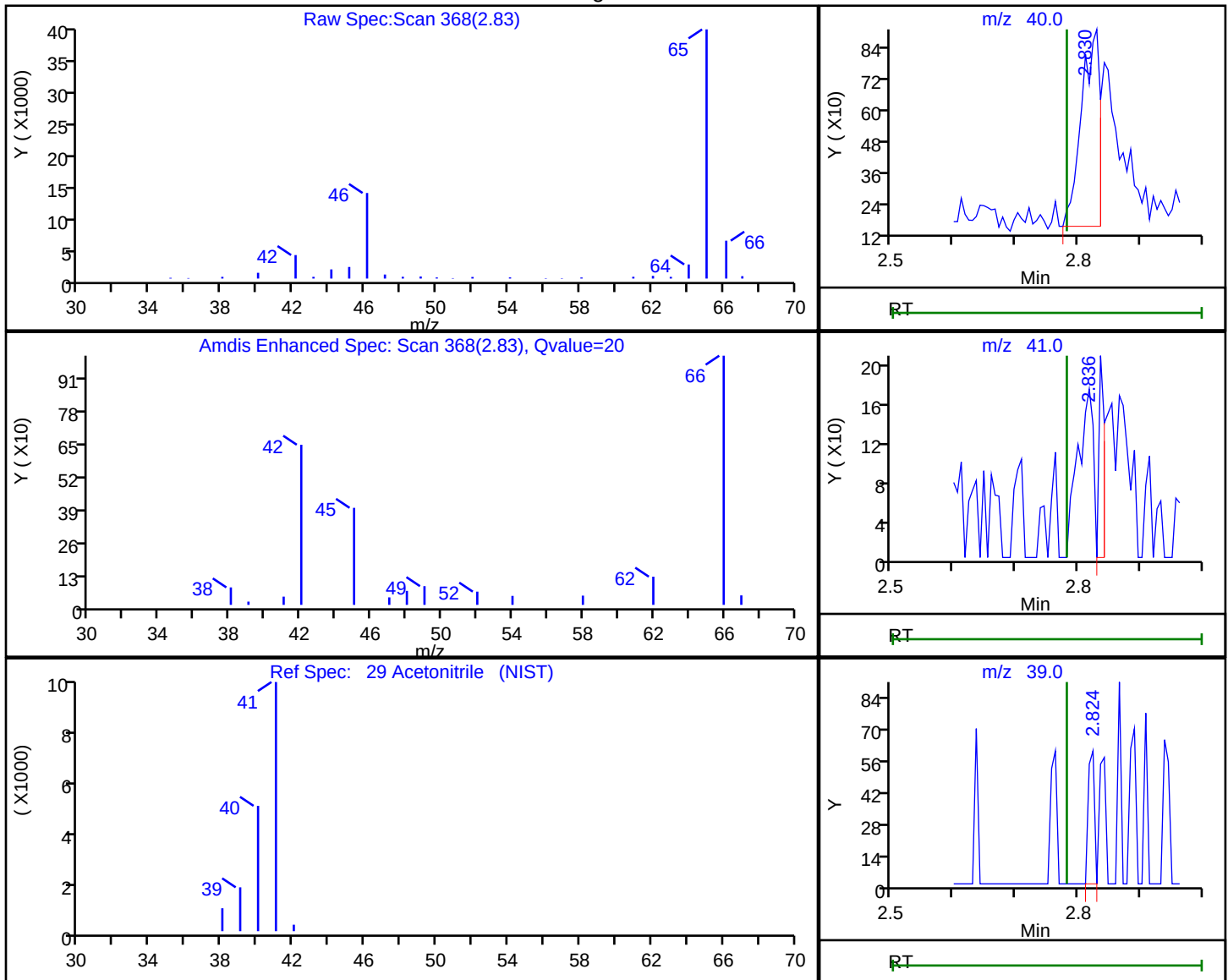
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.83	40.00	1570	8.233120
2.84	41.00	126	
2.82	39.00	42	
2.82	38.00	548	

Reviewer: parekhv, 06-May-2020 17:10:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D

Injection Date: 06-May-2020 10:57:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-5

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

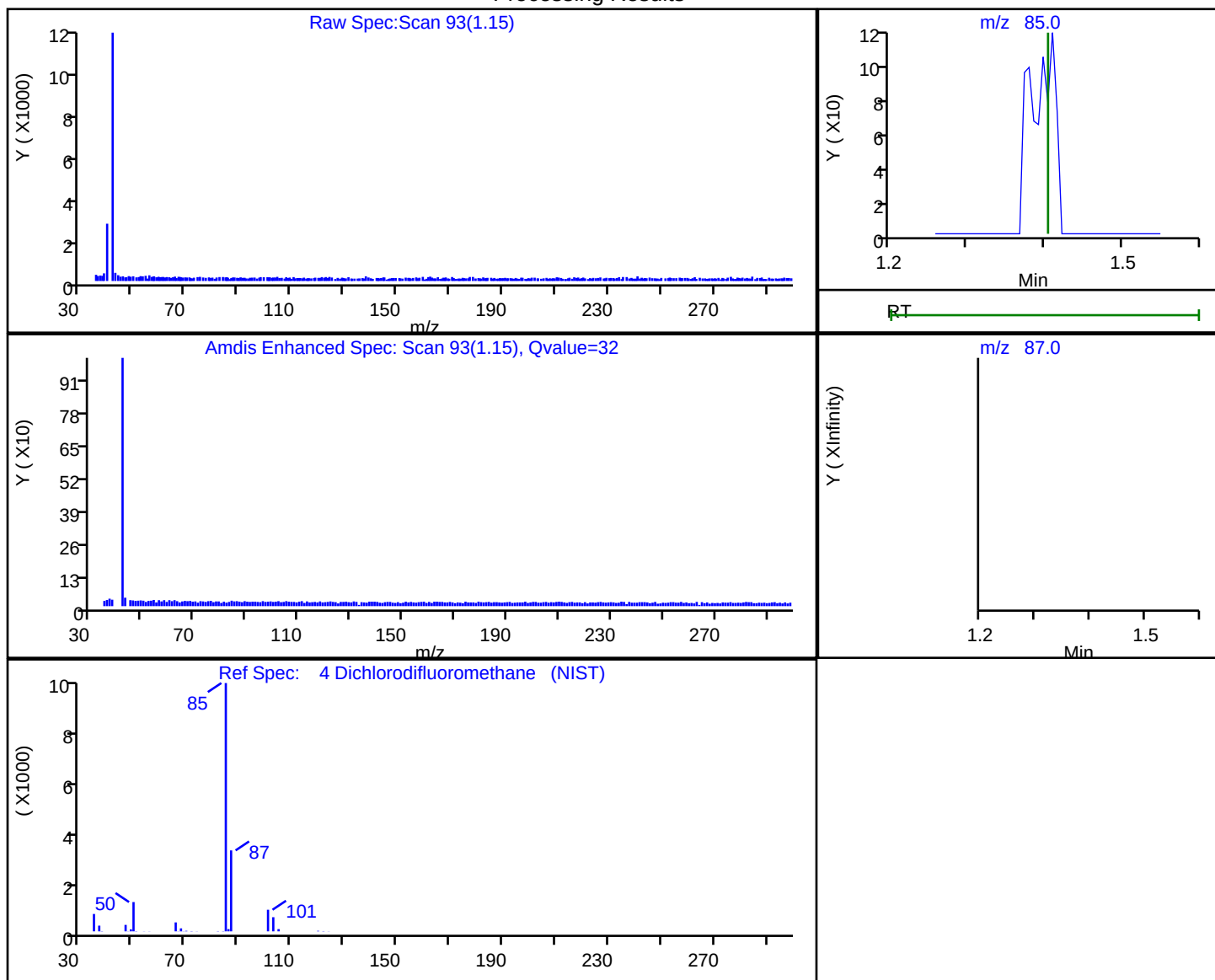
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.15	85.00	438	0.145976
1.17	87.00	466	

Reviewer: parekhv, 06-May-2020 17:10:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123875.D

Injection Date: 06-May-2020 10:57:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-5

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

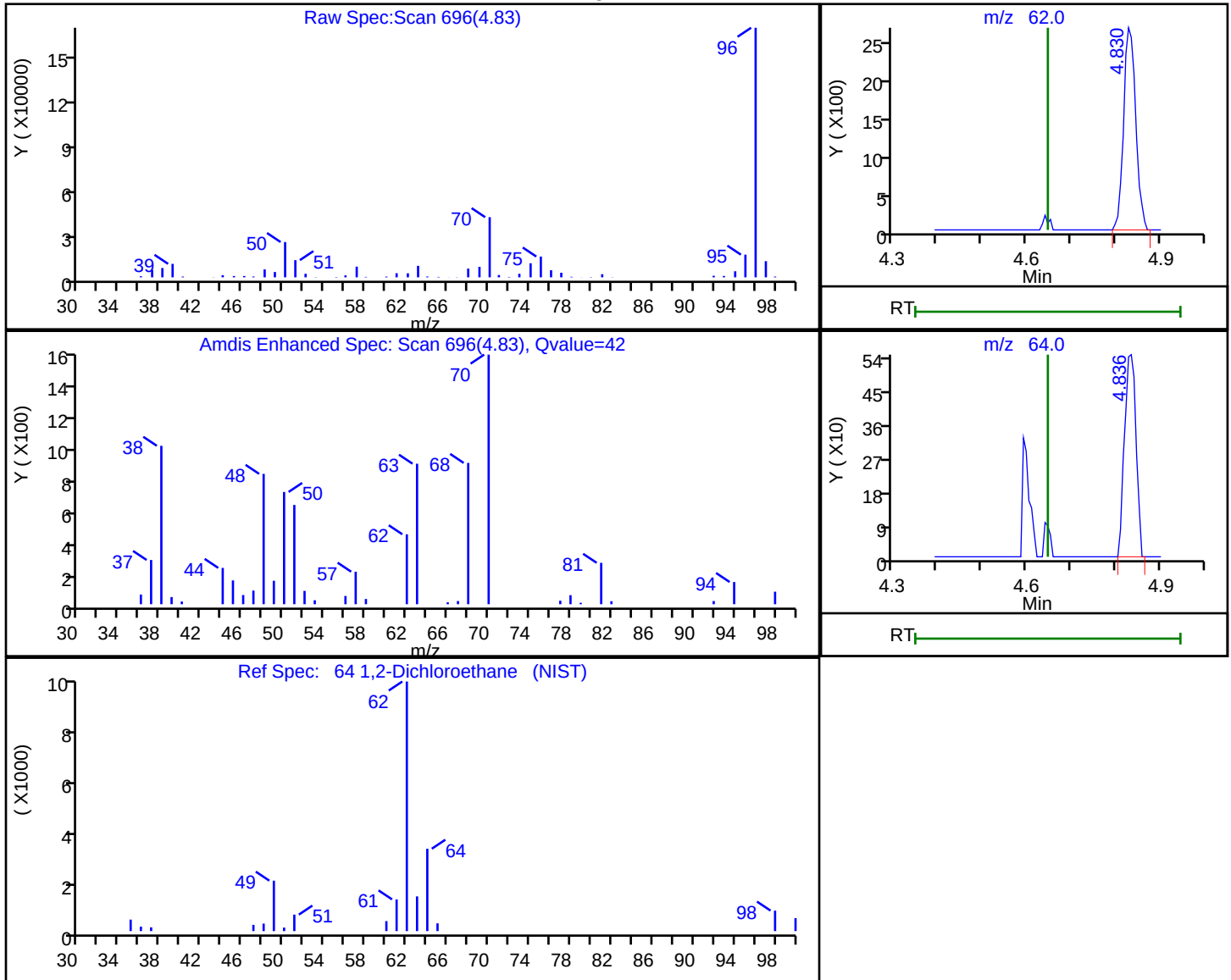
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.83	62.00	5050	1.880468
4.84	64.00	996	

Reviewer: parekhv, 06-May-2020 17:10:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-208037-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123876.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 18:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 11:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	3.9	J	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	1.6	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-208037-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123876.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 18:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 11:18</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
2037-26-5	Toluene-d8 (Surr)	104		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D
 Lims ID: 460-208037-A-6
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 06-May-2020 11:18:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-6
 Misc. Info.: 460-0109666-015
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: parekhv

Date: 06-May-2020 17:10:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.824	2.836	-0.012	98	30141	1000.0	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	99	232471	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	80137	51.2	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	106519	53.6	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	324260	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	93	17753	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	98	282810	52.0	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	198594	50.0	
95 Chlorobenzene	112	8.220	8.220	0.000	91	16349	3.90	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	66728	48.6	
* 121 1,4-Dichlorobenzene-d4	152	10.872	10.872	0.000	98	97429	50.0	
122 1,4-Dichlorobenzene	146	10.890	10.890	0.000	91	5309	1.65	
128 1,2-Dichlorobenzene	146	11.237	11.231	0.006	91	1246	0.3748	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D

Injection Date: 06-May-2020 11:18:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-6

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

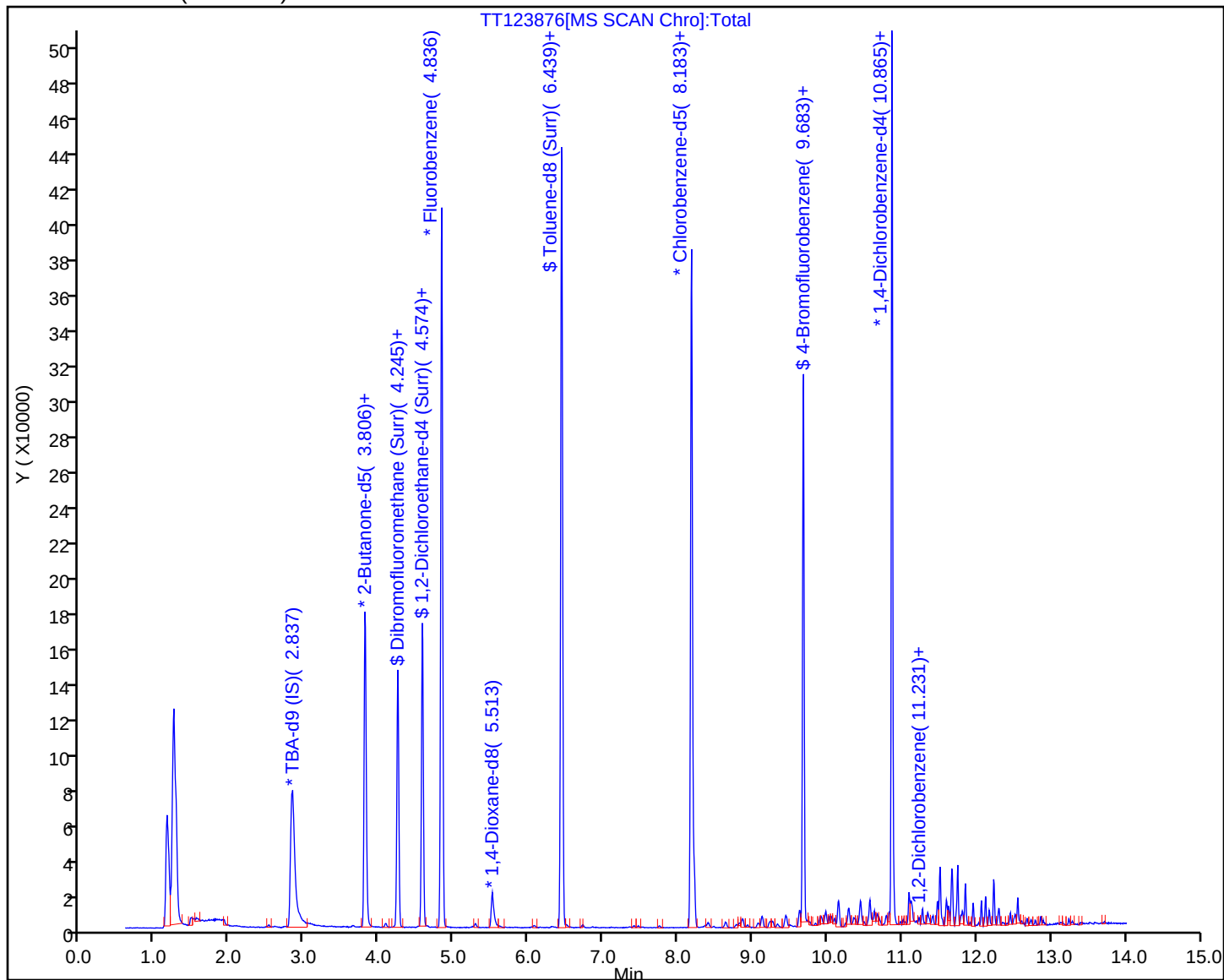
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D

Injection Date: 06-May-2020 11:18:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-6

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

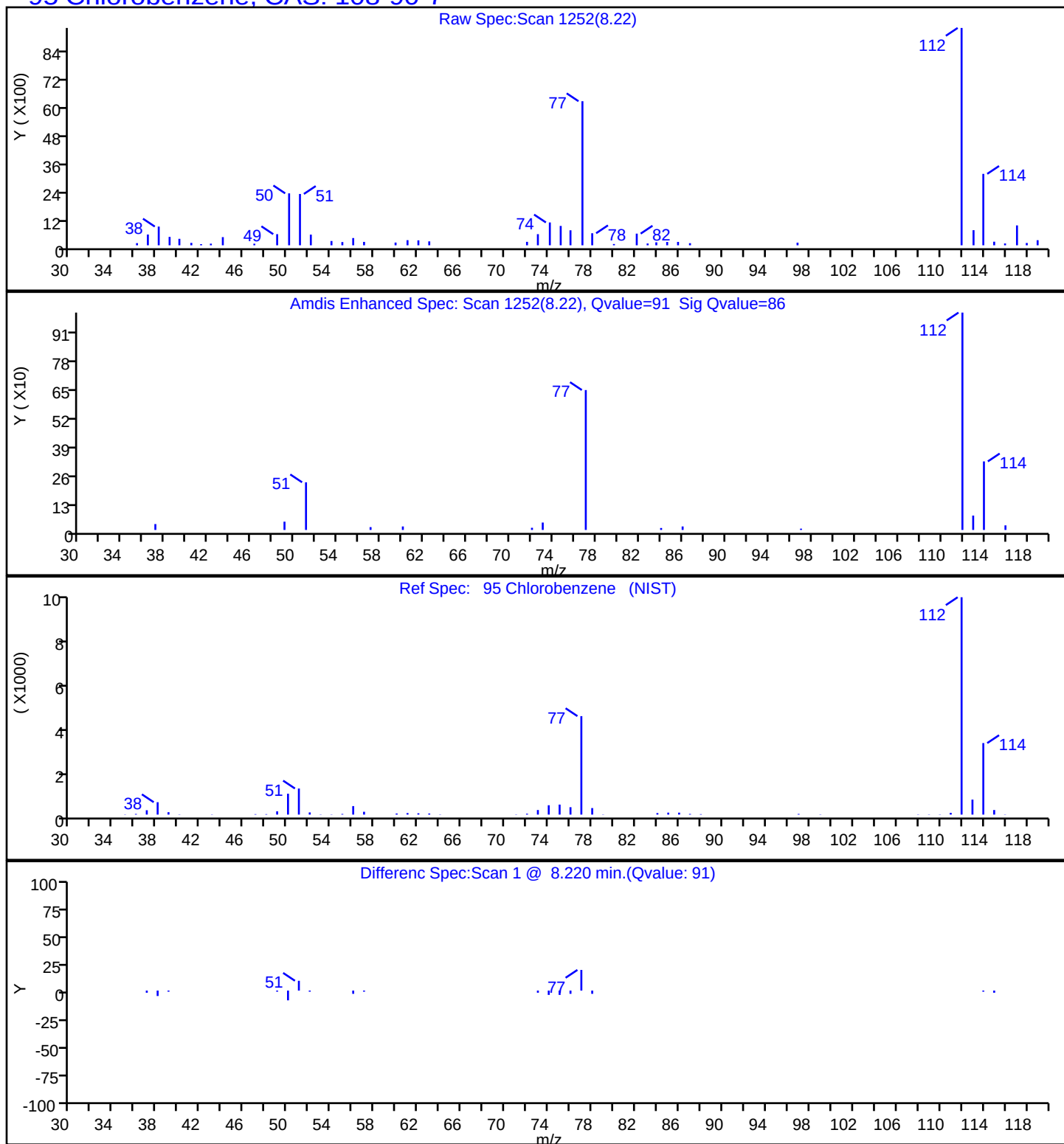
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

95 Chlorobenzene, CAS: 108-90-7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D

Injection Date: 06-May-2020 11:18:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-6

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

14

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

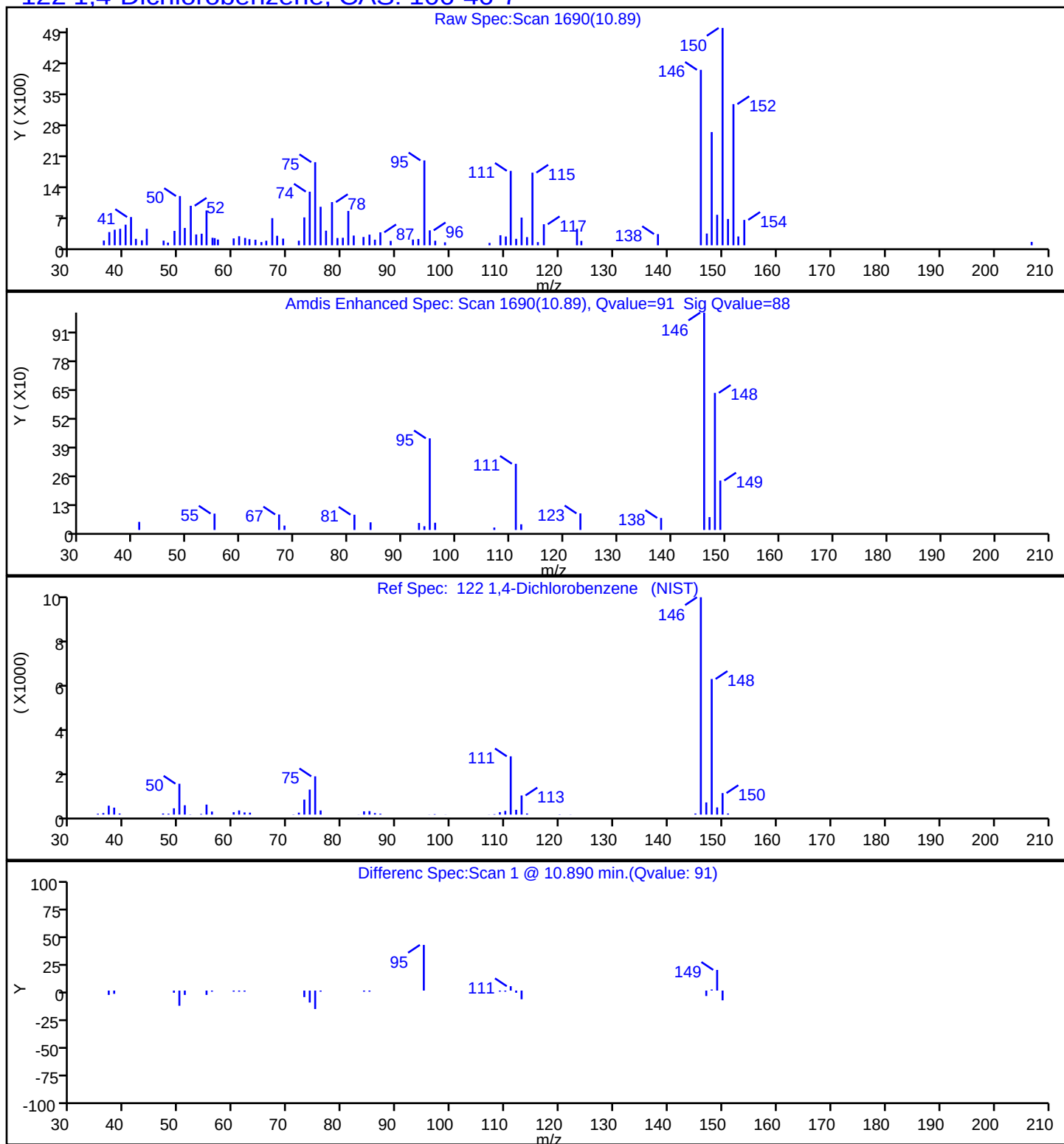
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D

Injection Date: 06-May-2020 11:18:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-6

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

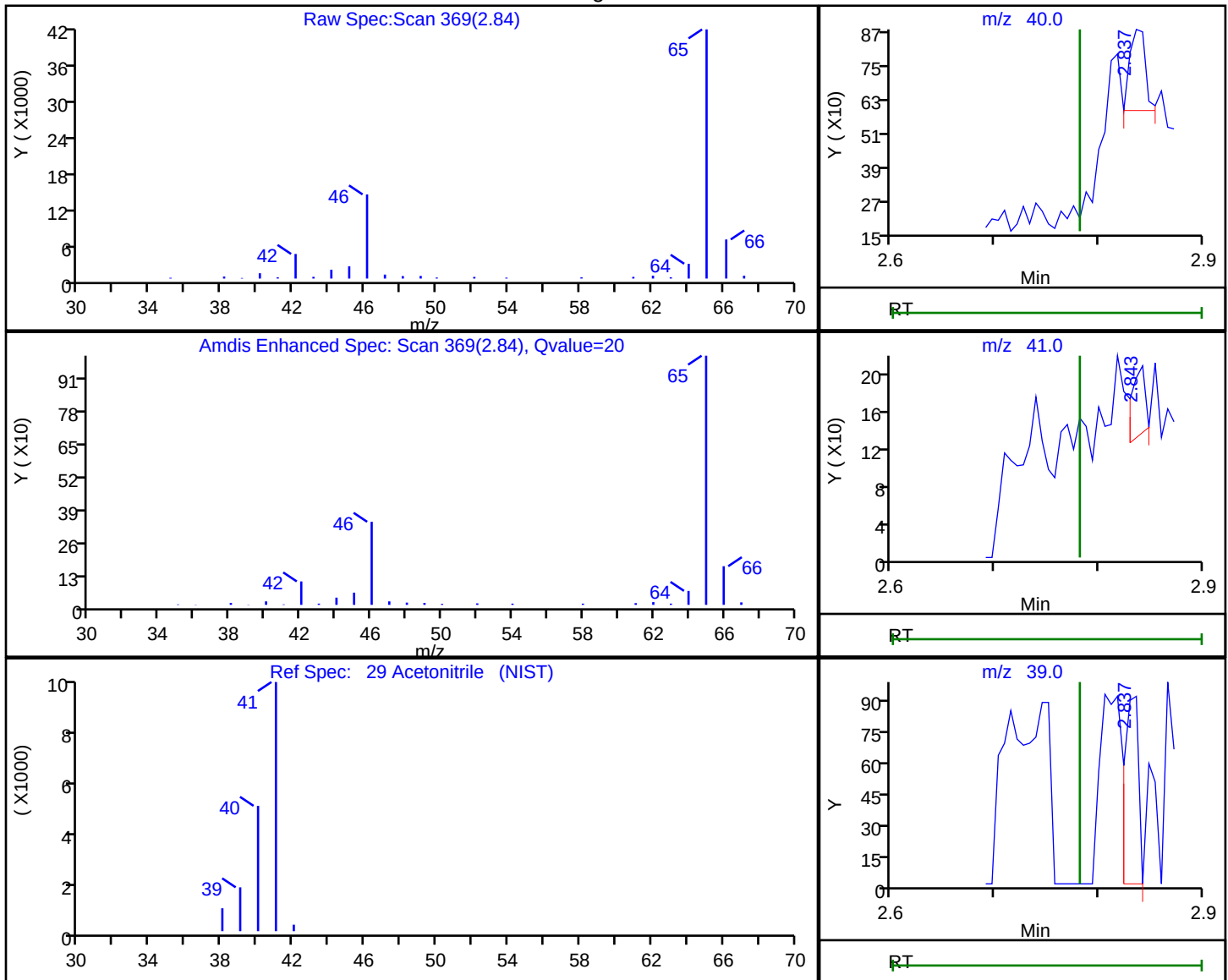
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.84	40.00	304	1.551039
2.84	41.00	68	
2.84	39.00	88	
2.83	38.00	754	

Reviewer: parekhv, 06-May-2020 17:10:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123876.D

Injection Date: 06-May-2020 11:18:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-6

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

14

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

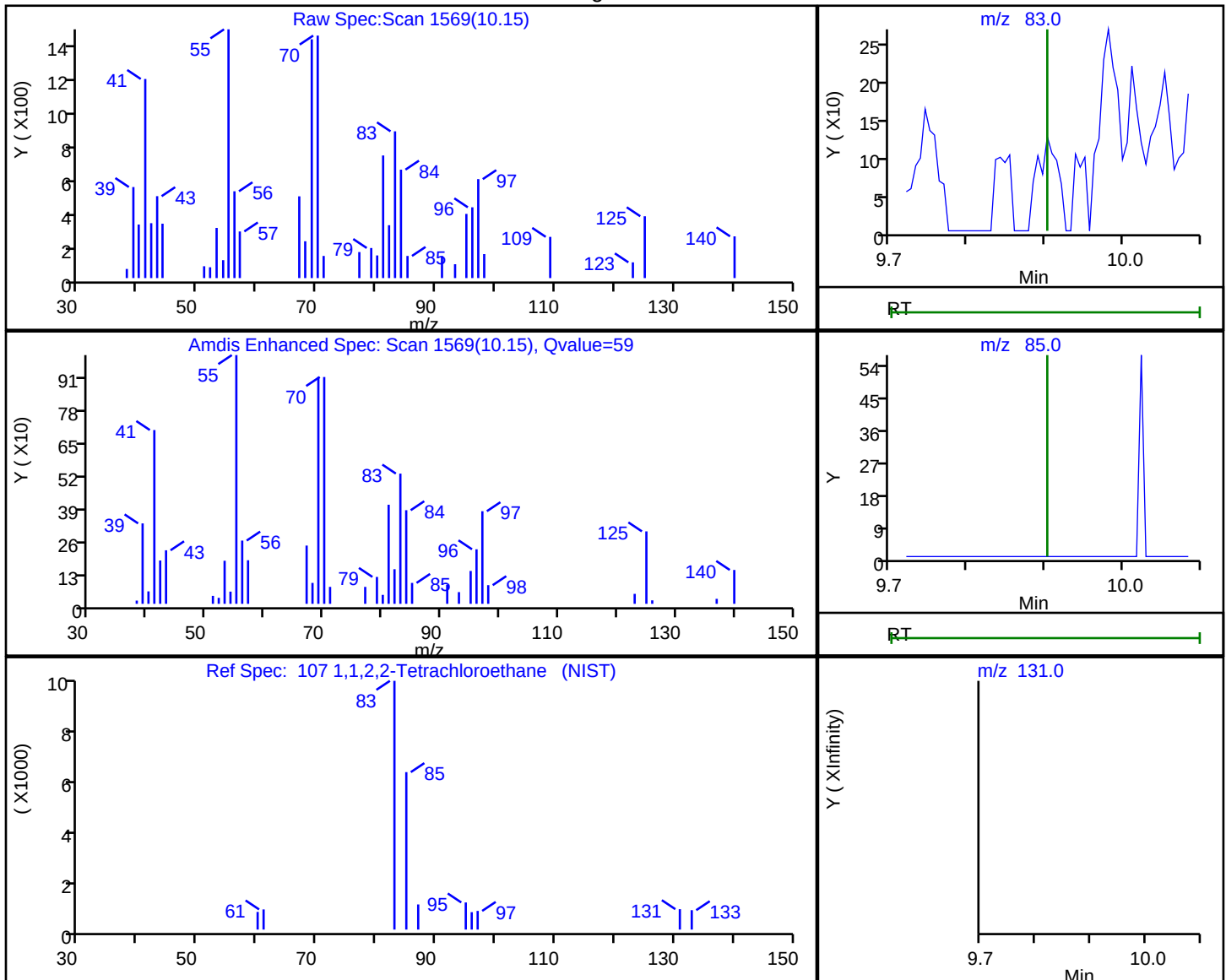
Column: DB-624 (0.18 mm)

Detector

MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
10.15	83.00	1439	0.686577
10.15	85.00	168	
9.90	131.00	0	

Reviewer: parekhv, 06-May-2020 17:10:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-208037-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-208037-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT123869.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>04/29/2020 21:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>05/06/2020 08:53</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>692459</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	8.4	J	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	0.36	J	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	0.62	J	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 460-208037-7
 Matrix: Water Lab File ID: TT123869.D
 Analysis Method: 8260C Date Collected: 04/29/2020 21:30
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 08:53
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	96		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123869.D
 Lims ID: 460-208037-A-7
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 06-May-2020 08:53:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-208037-A-7
 Misc. Info.: 460-0109666-008
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 17:14:03 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1012

First Level Reviewer: asfawa

Date: 07-May-2020 12:44:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.513	2.513	0.000	86	5945	8.41	
30 Methylene Chloride	84	2.830	2.830	0.000	30	891	0.3600	
* 31 TBA-d9 (IS)	66	2.824	2.836	-0.012	98	26971	1000.0	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	99	212258	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	78893	51.0	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	105385	53.6	
* 66 Fluorobenzene	96	4.830	4.836	-0.006	97	320836	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	93	16495	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	280221	51.2	
84 Toluene	91	6.512	6.519	-0.007	93	2410	0.3307	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	200201	50.0	
98 m-Xylene & p-Xylene	106	8.482	8.488	-0.006	97	1760	0.6172	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	66639	48.2	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	97457	50.0	
S 137 Xylenes, Total	100				0		0.6172	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123869.D

Injection Date: 06-May-2020 08:53:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-7

Lab Sample ID: 460-208037-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

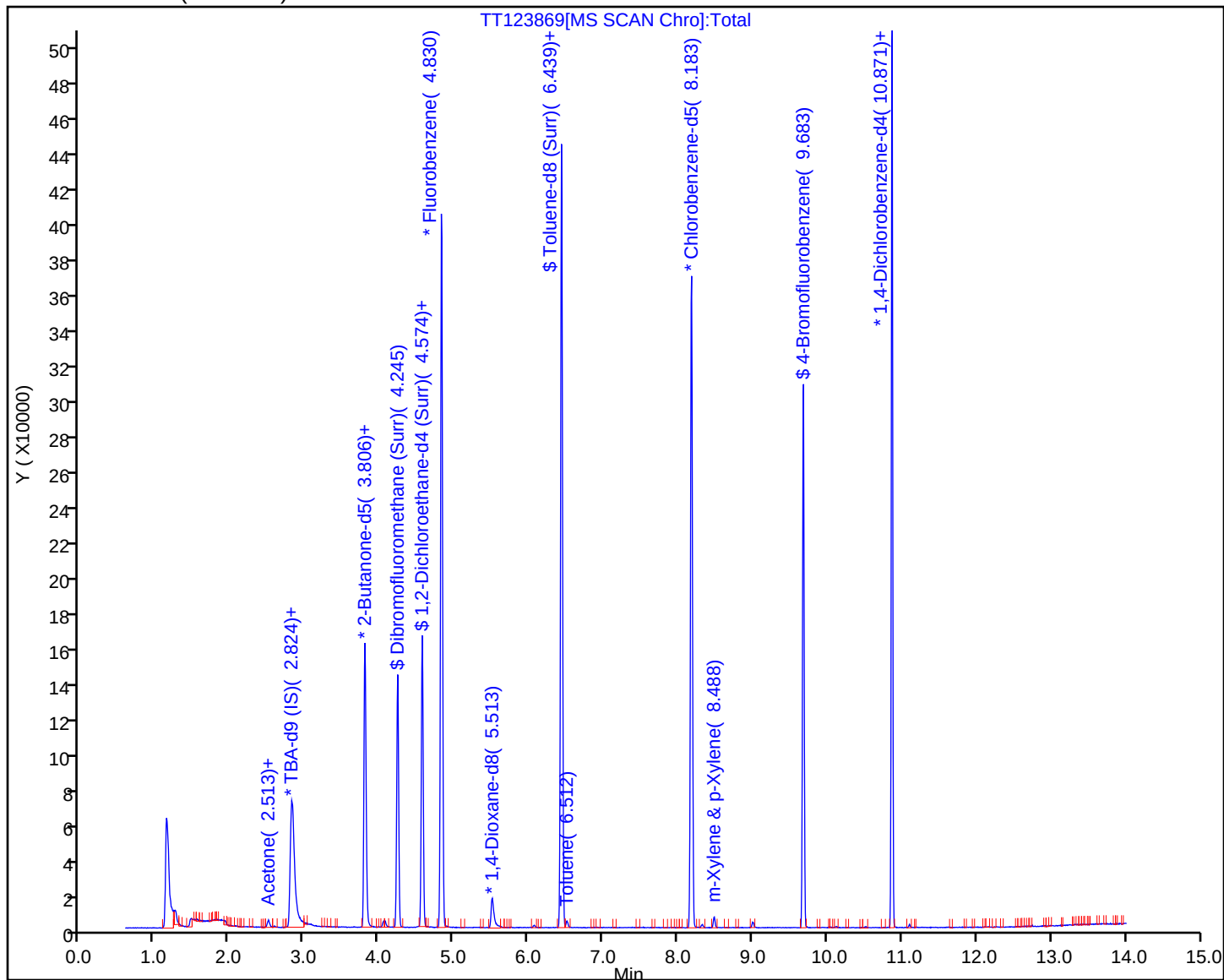
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123869.D

Injection Date: 06-May-2020 08:53:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-7

Lab Sample ID: 460-208037-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

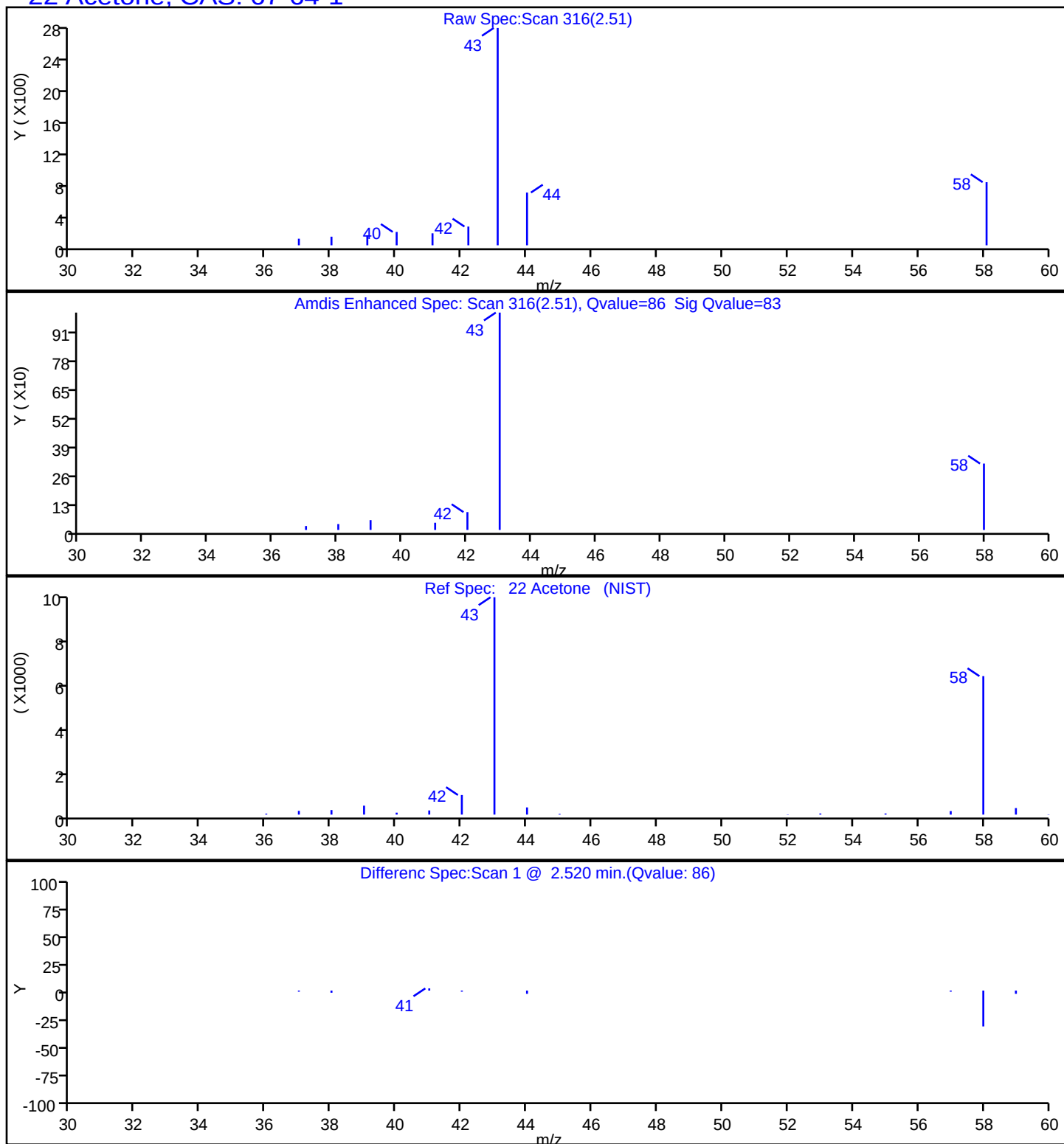
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123869.D

Injection Date: 06-May-2020 08:53:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-7

Lab Sample ID: 460-208037-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

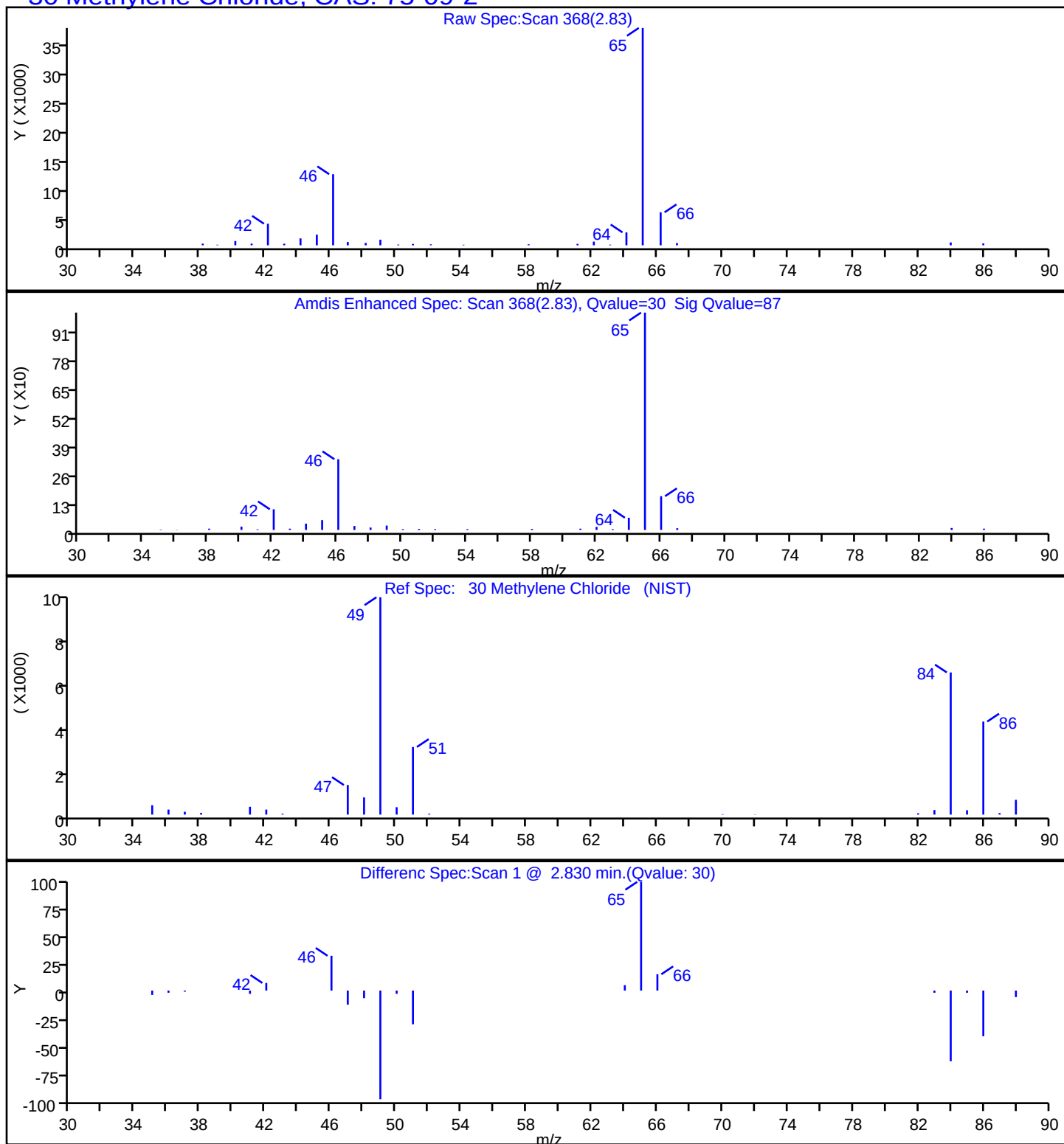
Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

30 Methylene Chloride, CAS: 75-09-2



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123869.D

Injection Date: 06-May-2020 08:53:30

Instrument ID: CVOAMS17

Lims ID: 460-208037-A-7

Lab Sample ID: 460-208037-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

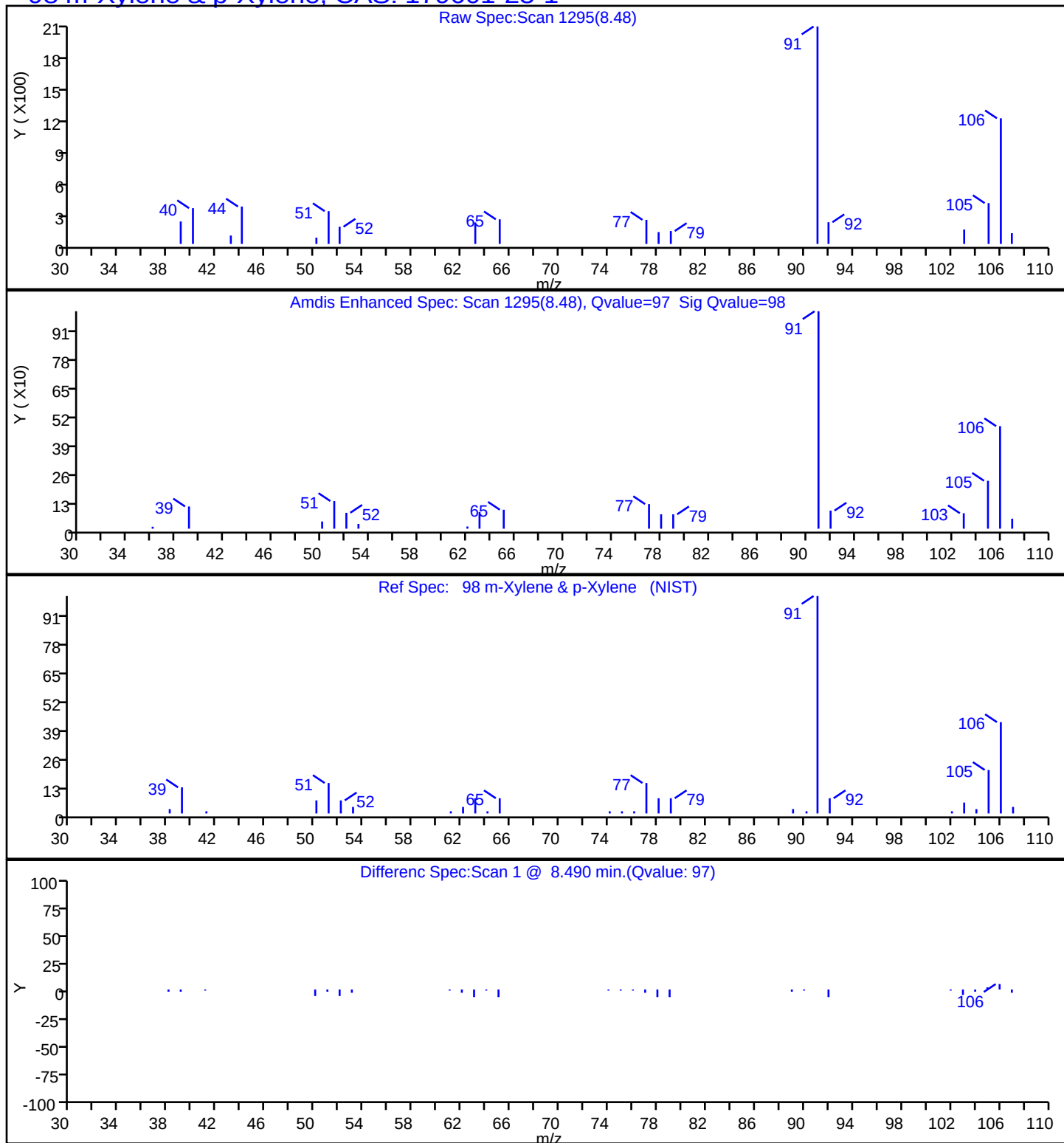
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-690376/2	TT123404.D
Level 2	STD05 460-690376/3	TT123405.D
Level 3	STD1 460-690376/4	TT123406.D
Level 4	STD5 460-690376/5	TT123407.D
Level 5	STD20 460-690376/6	TT123408.D
Level 6	STD50 460-690376/7	TT123409.D
Level 7	STD200 460-690376/8	TT123410.D
Level 8	STD500 460-690376/9	TT123411.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0467	+++++ 0.0445	0.0326 0.0528	0.0461	0.0464	Ave		0.0449				14.8		20.0			
1,1-Difluoroethane	+++++ 0.5604	0.4055 0.5478	0.4181 0.5572	0.4203	0.5002	Ave		0.4871				14.5		20.0			
Chlorotrifluoroethene	+++++ 0.1703	0.1439 0.1540	0.1174 0.1738	0.1292	0.1618	Ave		0.1500				14.0		20.0			
Dichlorodifluoromethane	+++++ 0.5463	0.3582 0.5488	0.4207 0.5249	0.4133	0.4836	Ave		0.4708			0.1000	15.8		20.0			
Chlorodifluoromethane	+++++ 0.7106	0.5608 0.6232	0.4871 0.6553	0.5377	0.6374	Ave		0.6017				12.8		20.0			
Chloromethane	+++++ 0.6444	0.6013 0.6320	0.4927 0.5879	0.5203	0.6015	Ave		0.5829			0.1000	9.6		20.0			
Butadiene	0.4762 0.4925	0.5796 0.4644	0.3475 0.4151	0.4226	0.4485	Ave		0.4558				14.8		20.0			
Vinyl chloride	+++++ 0.6033	0.5919 0.5718	0.4719 0.5071	0.4971	0.5528	Ave		0.5423			0.1000	9.3		20.0			
Bromomethane	+++++ 2.1985	2.2913 2.1820	1.7595 1.7002	2.1820	2.2886	Ave		2.0860			0.1000	11.9		20.0			
Chloroethane	+++++ 2.0570	2.7994 2.0442	2.1363 1.6422	2.0556	2.1181	Ave		2.1218			0.1000	16.1		20.0			
Dichlorofluoromethane	+++++ 0.8413	0.7487 0.8121	0.6477 0.7261	0.7439	0.7988	Ave		0.7598				8.5		20.0			
Trichlorofluoromethane	+++++ 0.5692	0.5161 0.5315	0.4618 0.4783	0.4951	0.5271	Ave		0.5113			0.1000	7.1		20.0			
Pentane	+++++ 0.0611	0.0761 0.0455	0.0570 0.0504	0.0594	0.0646	Ave		0.0592				16.8		20.0			
Ethanol	+++++ 0.4854	0.4335 0.4933	0.4233 0.5095	0.4217	0.5045	Ave		0.4673				8.4		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.: 460-208037-1 Analy Batch No.: 690376
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	++++ 0.2102	0.2261 0.1947	0.1727 0.1812	0.1846	0.2042	Ave		0.1963				9.5		20.0			
2-Methyl-1,3-butadiene	++++ 0.3686	0.4332 0.2967	0.2958 0.3076	0.3217	0.3548	Ave		0.3398				14.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.3124	0.2851 0.2693	0.2414 0.2685	0.2613	0.2946	Ave		0.2761				8.5		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.5436	0.3969 0.4835	0.4526 0.4634	0.4636	0.5273	Ave		0.4758				10.3		20.0			
Acrolein	++++ 6.9874	10.023 7.6609	6.6692 8.0324	7.3913	7.8785	Ave		7.8060				14.0		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3268	0.2989 0.2735	0.2776 0.2820	0.3063	0.3227	Ave		0.2983			0.1000	7.2		20.0			
1,1-Dichloroethene	++++ 0.3332	0.3749 0.2936	0.3020 0.2841	0.3107	0.3243	Ave		0.3176			0.1000	9.6		20.0			
Acetone	++++ 0.8053	0.8265 0.9554	0.7677 0.9351	0.7492	0.7895	Ave		0.8327			0.0500	9.7		20.0			
Iodomethane	++++ 0.5923	0.5297 0.5309	0.4557 0.5064	0.5249	0.5804	Ave		0.5315				8.6		20.0			
Isopropyl alcohol	++++ 5.2152	6.2742 4.9335	4.8116 5.2371	5.0584	5.3251	Ave		5.2650				9.1		20.0			
Carbon disulfide	++++ 1.4976	1.3396 1.2896	1.1879 1.2248	1.3221	1.4551	Ave		1.3310			0.1000	8.5		20.0			
Allyl chloride	++++ 0.2380	0.2029 0.2103	0.1866 0.2043	0.2095	0.2272	Ave		0.2112				8.0		20.0			
Methyl acetate	++++ 0.2996	0.3013 0.2643	0.2353 0.2532	0.2864	0.2892	Ave		0.2756			0.1000	9.1		20.0			
Cyclopentene	++++ 0.9333	0.9649 0.7291	0.7674 0.7518	0.8761	0.9117	Ave		0.8478				11.4		20.0			
Acetonitrile	++++ 0.2572	0.4523 0.2013	0.2950 0.2002	0.2074	0.2538	QuaF		0.2108	-0.000002						0.9990		0.9900
Methylene Chloride	++++ 0.4115	0.4413 0.3680	0.3316 0.3542	0.3858	0.4073	Ave		0.3857			0.1000	9.7		20.0			
2-Methyl-2-propanol	++++ 7.1866	11.686 7.1202	8.0980 7.5208	7.2731	7.4556	Lin2	20.283	7.0991							0.9930		0.9900
Methyl tert-butyl ether	++++ 0.9581	0.8770 0.8663	0.7274 0.8009	0.8791	0.9585	Ave		0.8668			0.1000	9.5		20.0			
trans-1,2-Dichloroethene	++++ 0.3530	0.3757 0.3112	0.3153 0.3002	0.3289	0.3455	Ave		0.3328			0.1000	8.0		20.0			
Acrylonitrile	0.1493 0.1432	0.1274 0.1285	0.1120 0.1200	0.1334	0.1429	Ave		0.1321				9.6		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexane	++++ 0.4604	0.4722 0.3774	0.4010 0.4175	0.4456	0.4800	Ave		0.4363				8.8		20.0			
Isopropyl ether	++++ 1.3560	1.3840 1.1884	1.0604 1.1554	1.2378	1.3285	Ave		1.2444				9.5		20.0			
1,1-Dichloroethane	++++ 0.6757	0.6719 0.6162	0.5445 0.5928	0.6218	0.6773	Ave		0.6286			0.2000	8.0		20.0			
Vinyl acetate	++++ 0.2623	0.4003 0.2571	0.3534 0.2990	0.3441	0.3201	Ave		0.3195				16.1		20.0			
2-Chloro-1,3-butadiene	++++ 0.3020	0.2846 0.2548	0.2514 0.2582	0.2785	0.2993	Ave		0.2755				7.7		20.0			
Tert-butyl ethyl ether	++++ 1.1679	1.1337 1.0126	0.9117 1.0077	1.0871	1.1709	Ave		1.0702				9.1		20.0			
2,2-Dichloropropane	++++ 0.1132	0.1839 0.1001	0.1336 0.0993	0.1009	0.1108	Lin2	0.0388	0.1021							0.9940		0.9900
cis-1,2-Dichloroethene	++++ 0.3735	0.4226 0.3444	0.3308 0.3400	0.3393	0.3691	Ave		0.3600			0.1000	8.9		20.0			
2-Butanone (MEK)	++++ 0.2701	0.3154 0.2713	0.2467 0.2624	0.2672	0.2674	Ave		0.2715			0.0500	7.8		20.0			
Ethyl acetate	++++ 0.2668	0.4013 0.2335	0.2400 0.2341	0.2664	0.2647	QuaF		0.2385	-0.000005						1.0000		0.9900
Methyl acrylate	++++ 0.3121	0.3093 0.2764	0.2516 0.2748	0.2934	0.3104	Ave		0.2897				7.9		20.0			
Propionitrile	++++ 10.031	9.9423 9.9882	9.7571 11.367	9.6580	10.095	Ave		10.120				5.6		20.0			
Chlorobromomethane	++++ 0.1666	0.1580 0.1519	0.1256 0.1501	0.1576	0.1693	Ave		0.1541				9.4		20.0			
Tetrahydrofuran	++++ 0.3149	0.3478 0.2868	0.3182 0.2844	0.3087	0.3132	Ave		0.3106				6.9		20.0			
Methacrylonitrile	++++ 0.1400	0.1306 0.1211	0.1122 0.1147	0.1309	0.1388	Ave		0.1269				8.8		20.0			
Chloroform	++++ 0.5840	0.6398 0.5140	0.4993 0.4872	0.5420	0.5862	Ave		0.5504			0.2000	10.1		20.0			
Cyclohexane	++++ 0.4991	0.5870 0.4267	0.4974 0.4594	0.4966	0.5060	Ave		0.4960			0.1000	9.9		20.0			
1,1,1-Trichloroethane	++++ 0.5205	0.5186 0.4667	0.4096 0.4726	0.4866	0.5233	Ave		0.4854			0.1000	8.4		20.0			
Carbon tetrachloride	++++ 0.4146	0.4352 0.3928	0.3704 0.3898	0.3974	0.4080	Ave		0.4012			0.1000	5.1		20.0			
1,1-Dichloropropene	++++ 0.4508	0.4522 0.4140	0.3684 0.4192	0.4218	0.4496	Ave		0.4252				7.0		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.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	++++ 5.6021	5.1772 5.5662	5.2769 6.5280	5.2890	5.5701	Ave		5.5728				8.2		20.0			
2,2,4-Trimethylpentane	++++ 1.3143	1.3672 1.1202	1.0281 1.2609	1.1934	1.2887	Ave		1.2247				9.7		20.0			
Benzene	++++ 1.9330	2.1392 1.6622	1.7324 1.5610	1.9894	2.0478	Ave		1.8664			0.5000	11.6		20.0			
Tert-amyl methyl ether	++++ 1.0494	1.1053 0.9071	0.8691 0.8543	1.0223	1.0686	Ave		0.9823				10.5		20.0			
Isopropyl acetate	++++ 0.1818	0.1681 0.1601	0.1525 0.1577	0.1687	0.1781	Ave		0.1667				6.4		20.0			
1,2-Dichloroethane	++++ 0.4256	0.4929 0.3930	0.4026 0.3836	0.4209	0.4309	Ave		0.4214			0.1000	8.6		20.0			
n-Heptane	++++ 0.0701	0.0671 0.0622	0.0644 0.0683	0.0723	0.0741	Ave		0.0684				6.2		20.0			
n-Butanol	++++ 1.9690	1.5763 2.1206	1.4413 2.5129	1.8148	1.9257	Ave		1.9087				18.5		20.0			
Trichloroethene	++++ 0.3414	0.3668 0.3241	0.2744 0.3233	0.2974	0.3238	Ave		0.3216			0.2000	9.2		20.0			
Methylcyclohexane	++++ 0.5697	0.7158 0.5156	0.5505 0.5620	0.5499	0.5624	Ave		0.5751			0.1000	11.2		20.0			
Ethyl acrylate	++++ 0.0460	0.0355 0.0419	0.0335 0.0439	0.0421	0.0443	Ave		0.0410				11.4		20.0			
1,2-Dichloropropane	++++ 0.3562	0.3606 0.3384	0.2952 0.3396	0.3327	0.3511	Ave		0.3391			0.1000	6.4		20.0			
Methyl methacrylate	++++ 0.0762	0.0685 0.0699	0.0669 0.0714	0.0705	0.0726	Ave		0.0708				4.2		20.0			
1,4-Dioxane	++++ 1.2883	1.1845 1.1371	1.0998 1.4839	1.1597	1.3246	Ave		1.2397				10.9		20.0			
Dibromomethane	++++ 0.1917	0.2118 0.1822	0.1642 0.1821	0.1815	0.1856	Ave		0.1856				7.7		20.0			
n-Propyl acetate	++++ 0.4864	0.5346 0.4567	0.3781 0.4468	0.4180	0.4656	Ave		0.4552				10.9		20.0			
Bromodichloromethane	++++ 0.4213	0.4023 0.4146	0.3427 0.4342	0.3753	0.4080	Ave		0.3998			0.2000	7.8		20.0			
2-Nitropropane	++++ 0.0853	0.1416 0.0845	0.0973 0.0909	0.0793	0.0816	Lin2	0.0533	0.0819							0.9900		0.9900
2-Chloroethyl vinyl ether	++++ 0.2239	0.2157 0.2124	0.1672 0.2253	0.1965	0.2114	Ave		0.2075				9.7		20.0			
Epichlorohydrin	0.2941 0.2607	0.2735 0.2484	0.2122 0.2549	0.2362	0.2458	Ave		0.2532				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.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	++++ 0.7828	0.8024 0.7135	0.6576 0.7068	0.7598	0.7997	Ave		0.7461			0.2000	7.3		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.6256	2.5688 2.4675	2.1138 2.3988	2.4194	2.5557	Ave		2.4499			0.0500	6.9		20.0			
Toluene	++++ 1.8861	2.0249 1.6806	1.7571 1.6282	1.8304	1.9324	Ave		1.8200			0.4000	7.7		20.0			
trans-1,3-Dichloropropene	++++ 0.6959	0.6747 0.6530	0.5822 0.6596	0.6809	0.6963	Ave		0.6632			0.1000	5.9		20.0			
Ethyl methacrylate	++++ 0.6267	0.5729 0.5715	0.5440 0.5548	0.5645	0.6157	Ave		0.5786				5.3		20.0			
1,1,2-Trichloroethane	++++ 0.3457	0.3733 0.3189	0.3344 0.3163	0.3579	0.3480	Ave		0.3421			0.1000	6.0		20.0			
Tetrachloroethene	++++ 0.3872	0.3776 0.3486	0.3138 0.3483	0.3670	0.3957	Ave		0.3626			0.2000	7.7		20.0			
1,3-Dichloropropane	++++ 0.6948	0.6448 0.6359	0.5668 0.6298	0.6708	0.7015	Ave		0.6492				7.1		20.0			
2-Hexanone	++++ 1.6329	1.3856 1.5917	1.3277 1.5659	1.4781	1.5748	Ave		1.5081			0.0500	7.6		20.0			
n-Butyl acetate	++++ 0.7545	0.8853 0.6727	0.6517 0.6642	0.7205	0.7682	Ave		0.7310				11.2		20.0			
Dibromochloromethane	++++ 0.3867	0.3768 0.3670	0.2969 0.3687	0.3661	0.3853	Ave		0.3639			0.1000	8.5		20.0			
1,2-Dibromoethane	++++ 0.3711	0.3847 0.3449	0.2945 0.3446	0.3560	0.3786	Ave		0.3535			0.1000	8.6		20.0			
Chlorobenzene	++++ 1.1230	1.0897 1.0367	0.9225 1.0135	1.0726	1.1289	Ave		1.0553			0.5000	6.8		20.0			
Ethylbenzene	++++ 0.6304	0.6523 0.5668	0.4788 0.5483	0.5860	0.6311	Ave		0.5848			0.1000	10.3		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4362	0.4095 0.3962	0.3621 0.3781	0.4089	0.4419	Ave		0.4047				7.1		20.0			
m&p-Xylene	++++ 0.7685	0.7183 0.6906	0.6301 0.6811	0.7174	0.7789	Ave		0.7121			0.1000	7.2		20.0			
o-Xylene	++++ 0.8090	0.7297 0.7461	0.6544 0.7433	0.7627	0.8223	Ave		0.7525			0.3000	7.4		20.0			
n-Butyl acrylate	++++ 0.3675	0.4256 0.3174	0.3074 0.3134	0.3487	0.3746	Ave		0.3507				12.1		20.0			
Styrene	++++ 1.2806	1.2433 1.1407	1.0255 1.1050	1.2040	1.2925	Ave		1.1845			0.3000	8.3		20.0			
Bromoform	++++ 0.2292	0.2114 0.2265	0.1777 0.2396	0.2091	0.2254	Ave		0.2170			0.1000	9.3		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	++++ 2.0238	1.9409 1.7887	1.5994 1.7839	1.7549	1.9915	Ave		1.8404				8.2		20.0			
Isopropylbenzene	++++ 2.1915	2.1782 1.9615	1.7721 1.9085	2.0504	2.1891	Ave		2.0359			0.1000	8.0		20.0			
Bromobenzene	++++ 0.9765	0.8679 0.9223	0.7391 0.9494	0.8236	0.9303	Ave		0.8870				9.4		20.0			
1,1,2,2-Tetrachloroethane	++++ 1.1336	1.0597 1.0662	0.9555 1.0826	1.0652	1.1265	Ave		1.0756			0.3000	4.3		20.0			
N-Propylbenzene	++++ 5.8586	5.0036 5.2706	4.3360 5.0188	4.9866	5.6116	Ave		5.1551				9.6		20.0			
1,2,3-Trichloropropane	++++ 0.3200	0.2523 0.2817	0.2349 0.2640	0.2887	0.3065	Ave		0.2783				10.8		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.3449	0.4905 0.3092	0.3916 0.2968	0.3092	0.3371	Ave		0.3542				19.2		20.0			
2-Chlorotoluene	++++ 3.9418	3.5627 3.5209	3.0261 3.4347	3.4658	3.8460	Ave		3.5426				8.4		20.0			
4-Ethyltoluene	++++ 4.5124	4.0398 3.7768	3.4262 3.7345	3.9993	4.4337	Ave		3.9890				9.7		20.0			
1,3,5-Trimethylbenzene	++++ 4.0523	3.5069 3.6409	2.8329 3.5364	3.4820	3.9418	Ave		3.5705				11.0		20.0			
4-Chlorotoluene	++++ 3.6757	3.0368 3.2744	2.8286 3.2126	3.2913	3.6535	Ave		3.2818				9.3		20.0			
Butyl Methacrylate	++++ 1.4364	1.1226 1.2342	1.0925 1.2751	1.2866	1.4130	Ave		1.2658				10.3		20.0			
tert-Butylbenzene	++++ 3.1677	2.6696 3.0090	2.1195 3.0458	2.6870	3.0111	Ave		2.8157				12.8		20.0			
1,2,4-Trimethylbenzene	++++ 4.0827	3.5980 3.7110	3.0659 3.6312	3.5544	4.0015	Ave		3.6635				9.1		20.0			
sec-Butylbenzene	++++ 5.2023	4.5304 4.8213	3.7851 4.7330	4.4772	5.0240	Ave		4.6533				9.9		20.0			
1,3-Dichlorobenzene	++++ 1.8303	1.6713 1.6869	1.3761 1.7507	1.6299	1.7866	Ave		1.6760			0.6000	8.9		20.0			
4-Isopropyltoluene	++++ 4.2519	3.6932 3.8602	3.0284 3.7405	3.6525	4.0809	Ave		3.7582				10.3		20.0			
1,4-Dichlorobenzene	++++ 1.7901	1.6202 1.6274	1.4244 1.6856	1.6709	1.7739	Ave		1.6561			0.5000	7.3		20.0			
1,2,3-Trimethylbenzene	++++ 4.2798	3.8284 3.7175	3.1808 3.7121	3.7428	4.1706	Ave		3.8046				9.4		20.0			
Benzyl chloride	++++ 2.0670	2.0981 1.8410	1.6153 1.9227	1.9760	2.0568	Ave		1.9396				8.7		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.: 460-208037-1 Analy Batch No.: 690376
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Indan	++++ 3.7869	3.2184 3.2752	2.9174 3.3462	3.3686	3.6767	Ave		3.3699				8.6		20.0			
p-Diethylbenzene	++++ 2.1785	1.9118 1.8937	1.7342 1.9870	1.9798	2.1488	Ave		1.9762				7.7		20.0			
n-Butylbenzene	++++ 2.3509	2.1296 2.0764	1.7930 2.0392	2.1423	2.3443	Ave		2.1251				9.0		20.0			
1,2-Dichlorobenzene	++++ 1.8321	1.7302 1.6542	1.4930 1.6683	1.7212	1.8429	Ave		1.7060			0.4000	7.0		20.0			
1,2,4,5-Tetramethylbenzene	++++ 4.3894	3.5273 4.1077	3.0160 4.2572	3.6625	4.1724	Ave		3.8761				12.7		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2249	0.2123 0.2188	0.1874 0.2252	0.2038	0.2110	Ave		0.2119			0.0500	6.3		20.0			
1,3,5-Trichlorobenzene	++++ 1.5655	1.4858 1.4381	1.1139 1.5433	1.3965	1.5317	Ave		1.4393				10.8		20.0			
1,2,4-Trichlorobenzene	++++ 1.5315	1.3875 1.4631	1.1361 1.5200	1.3370	1.4547	Ave		1.4043			0.2000	9.7		20.0			
Hexachlorobutadiene	++++ 0.6296	0.4693 0.6373	0.4438 0.6475	0.5053	0.5855	Ave		0.5598				15.3		20.0			
Naphthalene	++++ 4.1050	3.9133 3.8207	2.9949 3.6723	3.6705	3.9399	Ave		3.7310				9.6		20.0			
1,2,3-Trichlorobenzene	++++ 1.4974	1.4056 1.4165	1.1045 1.3817	1.2977	1.4292	Ave		1.3618				9.4		20.0			
Dibromofluoromethane (Surr)	0.2402 0.2443	0.2475 0.2350	0.2431 0.2267	0.2453	0.2473	Ave		0.2412				3.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3002 0.3007	0.3050 0.3104	0.3059 0.3163	0.3024	0.3090	Ave		0.3062				1.8		20.0			
Toluene-d8 (Surr)	1.4140 1.3580	1.4300 1.2816	1.4130 1.2248	1.4192	1.4051	Ave		1.3682				5.5		20.0			
4-Bromofluorobenzene	0.3465 0.3418	0.3536 0.3415	0.3467 0.3438	0.3443	0.3446	Ave		0.3454				1.1		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.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-690376/2	TT123404.D
Level 2	STD05 460-690376/3	TT123405.D
Level 3	STD1 460-690376/4	TT123406.D
Level 4	STD5 460-690376/5	TT123407.D
Level 5	STD20 460-690376/6	TT123408.D
Level 6	STD50 460-690376/7	TT123409.D
Level 7	STD200 460-690376/8	TT123410.D
Level 8	STD500 460-690376/9	TT123411.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	++++ 16146	++++ 58527	268 176919	1860	6991	++++ 50.0	++++ 200	1.00 500	5.00	20.0
1,1-Difluoroethane	FB	Ave	++++ 193595	1643 720359	3433 1866350	16968	75393	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorotrifluoroethene	FB	Ave	++++ 58818	583 202515	964 582224	5214	24381	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 188730	1451 721567	3454 1758094	16682	72888	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 245487	2272 819445	4000 2194916	21704	96063	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 222612	2436 831015	4046 1969338	21003	90658	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	997 170161	2348 610668	2853 1390376	17057	67601	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 208439	2398 751815	3875 1698587	20068	83318	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 105441	1222 402944	1877 779729	11726	47219	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	++++ 98655	1493 377496	2279 753098	11047	43700	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 290660	3033 1067828	5318 2432107	30028	120398	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 196645	2091 698830	3792 1602150	19985	79445	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 42229	617 119597	936 337477	4794	19476	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	Ave	++++ 36006	356 126085	695 289937	3468	15840	++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++ 72630	916 256063	1418 607005	7451	30775	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	++++ 127337	1755 390114	2429 1030287	12986	53479	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 107932	1155 354133	1982 899432	10548	44395	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 187804	1608 635801	3716 1552155	18715	79466	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 25917	823 48949	1095 91422	6078	12369	++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 112913	1211 359614	2279 944703	12365	48629	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 115114	1519 386078	2480 951748	12541	48873	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	++++ 193116	2204 882150	4095 2144138	20130	81448	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	++++ 204627	2146 698154	3742 1696322	21187	87478	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 96718	1288 315221	1975 745077	10399	41801	++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	++++ 517368	5427 1695715	9754 4102538	53369	219314	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Allyl chloride	FB	Ave	++++ 82209	822 276570	1532 684329	8455	34244	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 207005	2441 695088	3864 1696223	23119	87173	++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	++++ 322415	3909 958762	6301 2518099	35367	137415	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	QuaF	++++ 123370	2412 371721	3147 918231	11145	52371	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 142177	1788 483862	2723 1186419	15573	61393	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Lin2	++++ 133279	2399 454938	3324 1069978	14952	58525	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 330994	3553 1139133	5973 2682716	35486	144458	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 121965	1522 409177	2589 1005425	13275	52078	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2501 494845	5160 1689648	9200 4019289	53853	215442	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 159052	1913 496309	3293 1398424	17989	72348	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 468455	5607 1562697	8707 3870082	49967	200229	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	++++ 233422	2722 810255	4471 1985703	25098	102081	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 25162	427 94952	754 274207	3698	13207	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 104347	1153 335076	2064 864720	11241	45116	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 403468	4593 1331501	7486 3375375	43881	176477	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Lin2	++++ 39107	745 131621	1097 332508	4075	16703	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 129049	1712 452840	2716 1138935	13695	55629	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 64766	841 250490	1316 601574	7179	27581	++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	QuaF	++++ 25594	428 86244	512 214676	2863	10921	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 107809	1253 363487	2066 920563	11843	46790	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 186032	2041 638185	4005 1617147	19855	79243	++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	++++ 57565	640 199755	1031 502611	6360	25511	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	++++ 30206	371 105914	679 260853	3318	12925	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	++++ 483507	5292 1592388	9216 3841050	52824	209263	++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	++++ 201764	2592 675918	4100 1631935	21878	88350	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 172414	2378 561062	4084 1538847	20046	76262	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 179834	2101 613711	3363 1582949	19643	78872	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 143216	1763 516533	3041 1305635	16040	61496	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 155754	1832 544404	3025 1404283	17028	67755	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 259736	2657 889110	5415 2321852	27183	109310	++++ 1250	12.5 5000	25.0 12500	125	500
2,2,4-Trimethylpentane	FB	Ave	++++ 454058	5539 1473013	8442 4223621	48173	194231	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 462345	5444 1612402	8999 3972636	50678	200069	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	++++ 362527	4478 1192745	7136 2861419	41267	161051	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 62796	681 210542	1252 528238	6809	26837	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 147032	1997 516710	3306 1285062	16991	64950	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 24215	272 81815	529 228651	2919	11167	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 91290	809 338737	1479 893784	9327	37791	++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	++++ 117942	1486 426200	2253 1082943	12007	48805	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++ 196800	2900 677972	4520 1882395	22199	84768	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	Ave	++++ 15877	144 55070	275 147161	1701	6671	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 123074	1461 444979	2424 1137416	13430	52917	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 52635	555 183933	1098 478111	5688	21881	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 27381	677 97527	1236 242269	2655	11377	++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	++++ 66240	858 239584	1348 609832	7327	27973	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 168032	2166 600562	3105 1496560	16873	70179	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 145539	1630 545218	2814 1454419	15150	61490	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Lin2	++++ 58932	1147 222100	1598 609137	6406	24608	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	++++ 77546	876 279919	1376 756583	7950	31937	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1570 250088	2917 917265	4527 2338374	25392	101418	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 187237	2042 692135	3416 1798827	19356	78133	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 629609	6850 2278362	11275 5500473	65009	263647	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 451125	5153 1630293	9127 4143778	46629	188796	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 166453	1717 633410	3024 1678783	17346	68032	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	++++ 149891	1458 554362	2826 1412012	14381	60151	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 82688	950 309313	1737 804976	9118	34004	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 92605	961 338118	1630 886416	9349	38656	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 166172	1641 616822	2944 1602795	17089	68535	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 391560	3695 1469676	7082 3590702	39716	162459	++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	++++ 180464	2253 652545	3385 1690290	18355	75058	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZ d5	Ave	++++ 92482	959 356052	1542 938452	9325	37648	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 88762	979 334569	1530 876965	9069	36992	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 268600	2773 1005631	4792 2579431	27323	110291	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 150770	1660 549845	2487 1395425	14927	61660	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 104323	1042 384348	1881 962193	10417	43176	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m&p-Xylene	CBNZ d5	Ave	++++ 183806	1828 669921	3273 1733399	18275	76104	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 193500	1857 723713	3399 1891789	19430	80336	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 87904	1083 307886	1597 797640	8884	36599	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 306288	3164 1106568	5327 2812160	30671	126279	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	++++ 54816	538 219692	923 609677	5326	22020	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 216437	2469 761107	4105 2014424	21718	91642	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 524168	5543 1902739	9205 4857198	52233	213876	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 104437	1104 392446	1897 1072131	10193	42808	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 121230	1348 453663	2555 1222515	13183	51841	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 626545	6365 2242685	11129 5667494	61713	258234	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 34218	321 119861	603 298139	3573	14104	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	++++ 36881	624 131571	1005 335187	3826	15514	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 421559	4532 1498156	7767 3878674	42892	176983	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 482581	5139 1607049	8794 4217130	49495	204028	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 433377	4461 1549250	7271 3993444	43092	181394	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 393099	3863 1393274	7260 3627861	40732	168127	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 153619	1428 525179	2804 1439958	15923	65024	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 338768	3396 1280364	5440 3439509	33254	138563	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 436624	4577 1579046	7869 4100585	43989	184140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 556360	5763 2051518	9715 5344733	55409	231194	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 195742	2126 717788	3532 1976939	20171	82214	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 454722	4698 1642528	7773 4224006	45203	187793	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 191442	2061 692482	3656 1903486	20679	81632	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 457702	4870 1581840	8164 4191914	46320	191920	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 221060	2669 783374	4146 2171197	24454	94651	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 404989	4094 1393637	7488 3778710	41689	169191	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 232979	2432 805795	4451 2243795	24501	98881	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 251422	2709 883508	4602 2302716	26513	107877	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 195938	2201 703871	3832 1883924	21301	84807	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 469427	4487 1747864	7741 4807410	45326	192003	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 24056	270 93105	481 254307	2522	9708	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 690376

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/27/2020 12:20 Calibration End Date: 04/27/2020 14:45 Calibration ID: 79507

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 167425	1890 611925	2859 1742793	17283	70486	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 163791	1765 622565	2916 1716480	16547	66943	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 67332	597 271160	1139 731200	6254	26943	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	+++++ 439013	4978 1625725	7687 4146999	45425	181307	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 160141	1788 602750	2835 1560264	16060	65769	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	100571 84411	100283 77253	99814 75933	99016	93190	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	125704 103879	123556 102049	125605 105931	122049	116443	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	370380 324818	363915 310810	366974 311702	361539	343192	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	90766 81744	89987 82822	90040 87506	87713	84161	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 27-Apr-2020 12:20:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0109187-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:33:55 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:17:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.599	1.617	-0.018	83	997	0.2500	0.2612	
* 31 TBA-d9 (IS)	66	2.830	2.836	-0.006	100	40018	1000.0	1000.0	
35 Acrylonitrile	53	3.068	3.068	0.000	93	2501	2.00	2.26	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	100	266920	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	100571	50.0	49.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	125704	50.0	49.0	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	418712	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	92	22599	1000.0	1000.0	
80 Epichlorohydrin	57	6.159	6.159	0.000	96	1570	5.00	5.81	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.445	-0.006	98	370380	50.0	51.7	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	90	261933	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	90766	50.0	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	99	130103	50.0	50.0	

Reagents:

8260MIX1COMB_00117	Amount Added: 0.00	Units: uL	
GASES Li_00365	Amount Added: 2.50	Units: uL	
ACROLEIN W_00106	Amount Added: 0.00	Units: uL	
524freon_00021	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00073	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00097	Amount Added: 0.00	Units: uL	
GAS Hi_00357	Amount Added: 0.00	Units: uL	
MIX I Hi_00124	Amount Added: 0.00	Units: uL	
Ethanol mix_00039	Amount Added: 0.00	Units: uL	
14DIOXINTER_00114	Amount Added: 0.00	Units: uL	
8FreonHi_00017	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

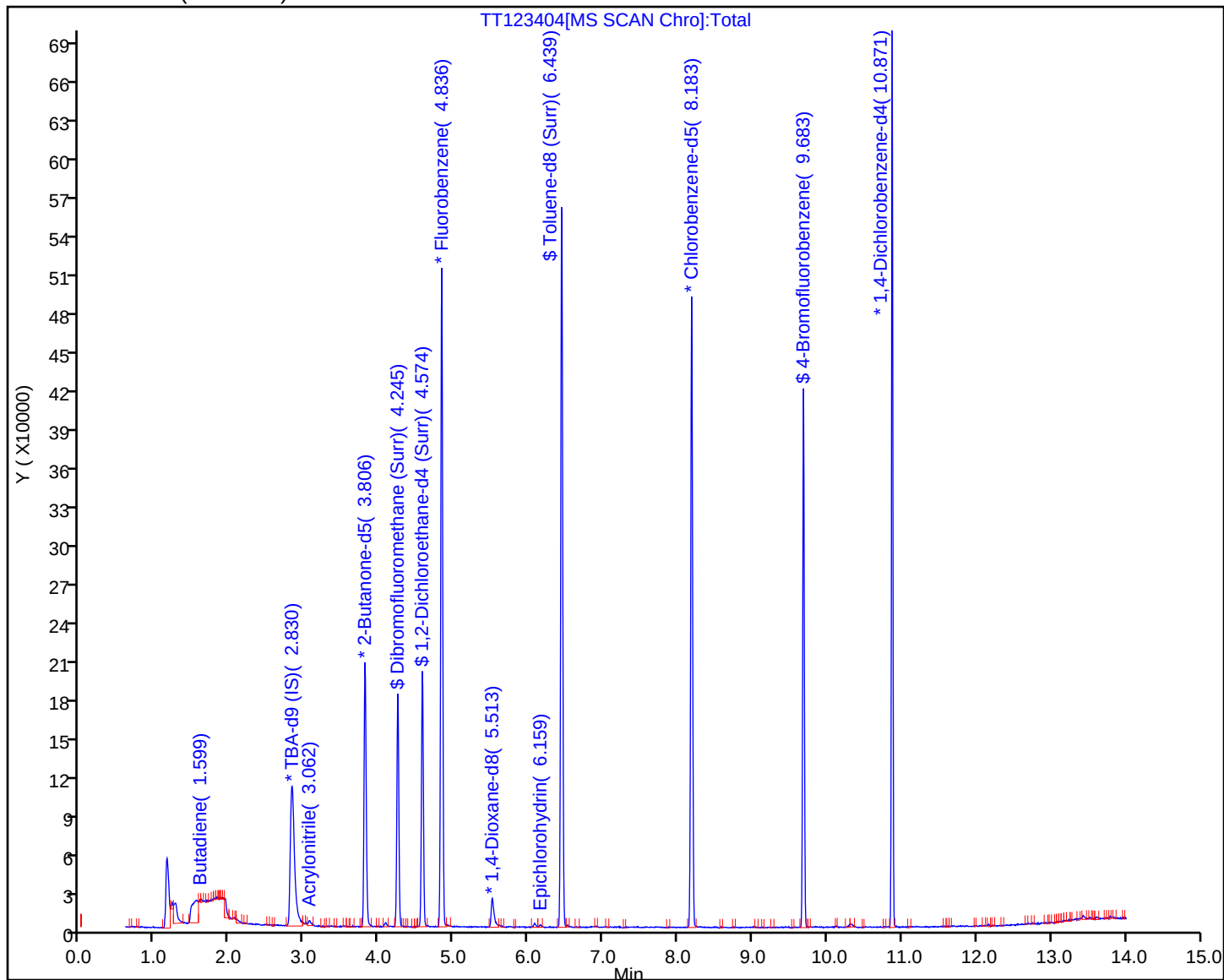
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

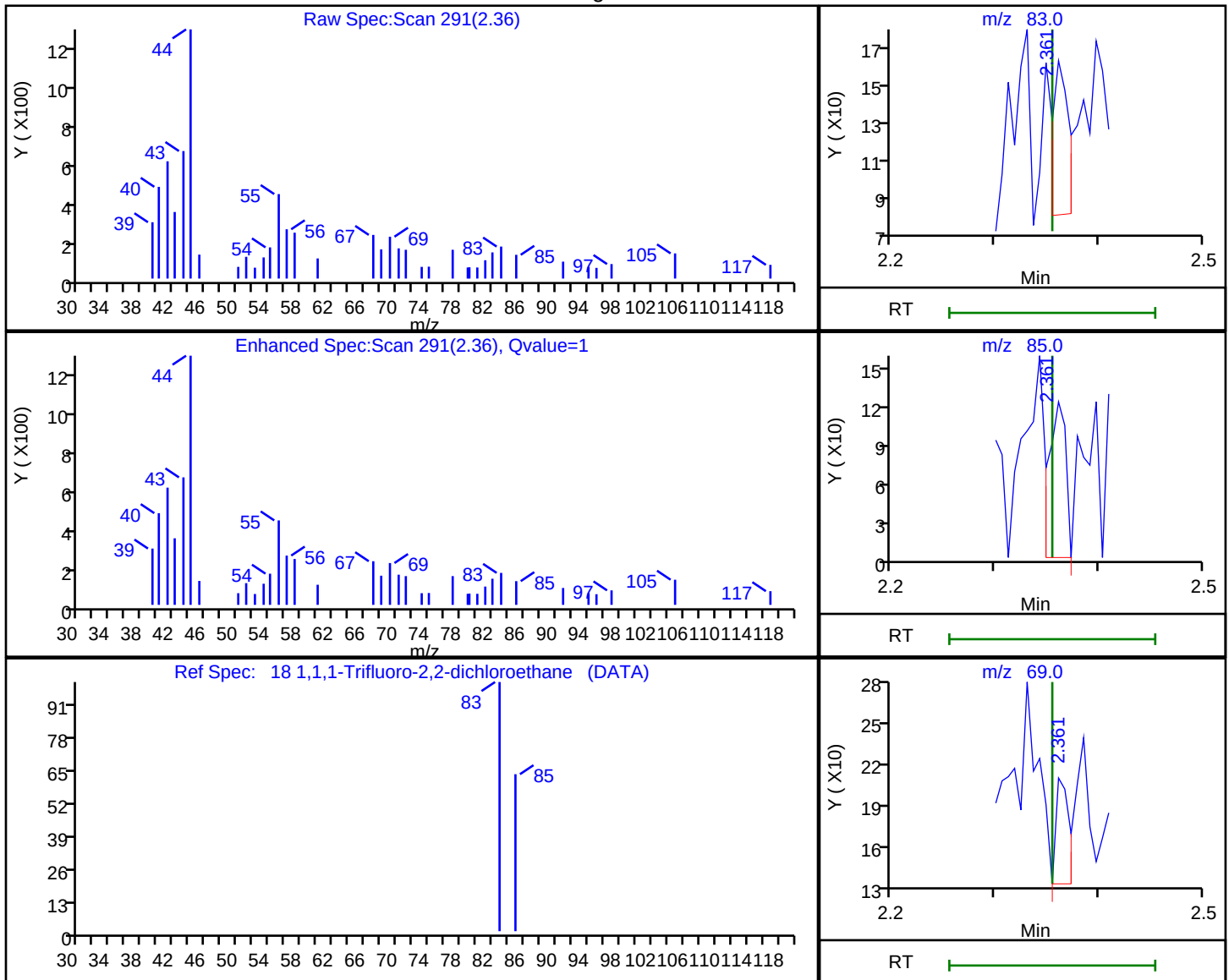
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.36	83.00	84	0.495676
2.36	85.00	136	
2.36	69.00	66	
2.37	67.00	170	

Reviewer: baronm, 27-Apr-2020 17:16:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

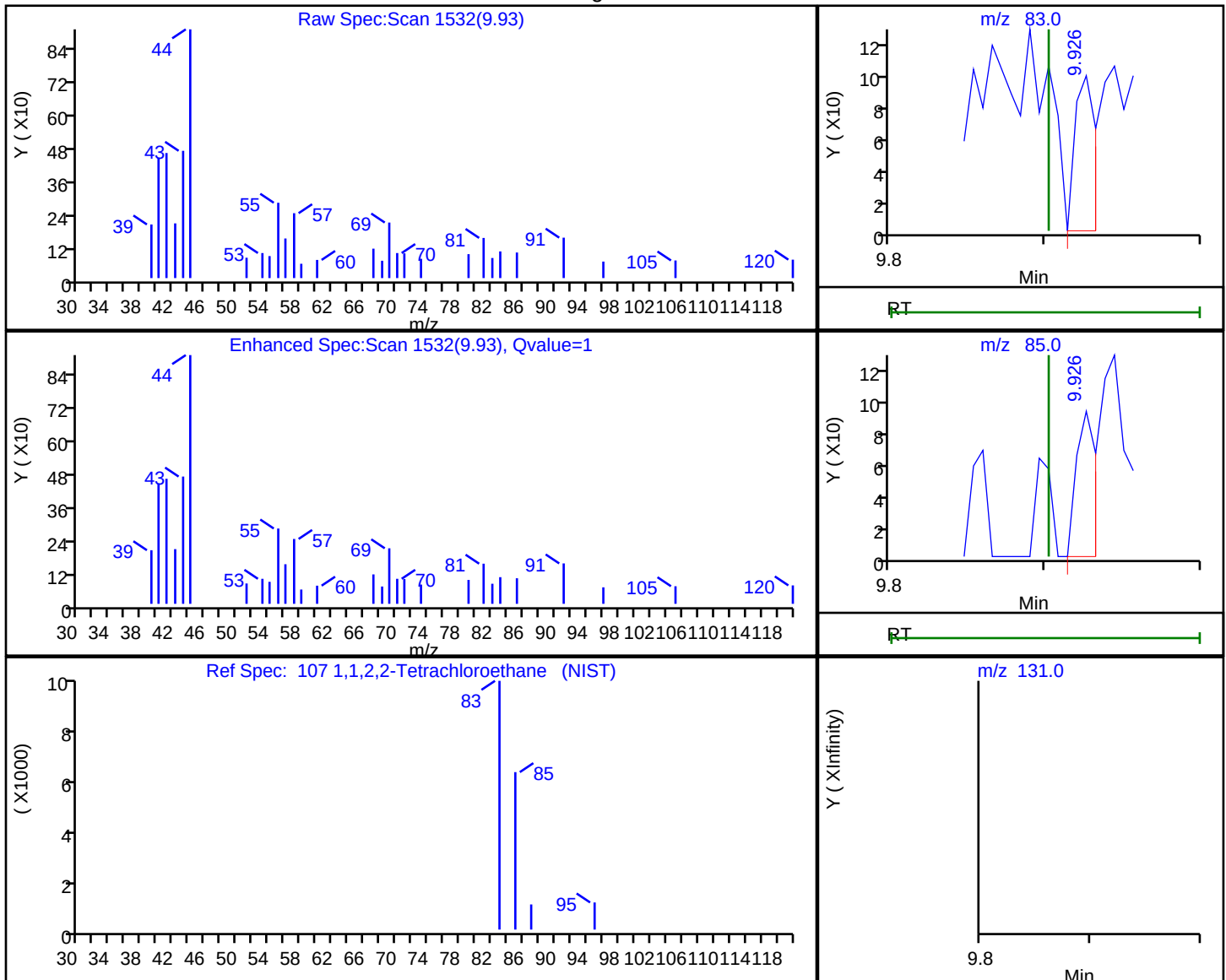
Column: DB-624 (0.18 mm)

Detector

MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.93	83.00	88	0.030748
9.93	85.00	82	
9.90	131.00	0	

Reviewer: baronm, 27-Apr-2020 17:17:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

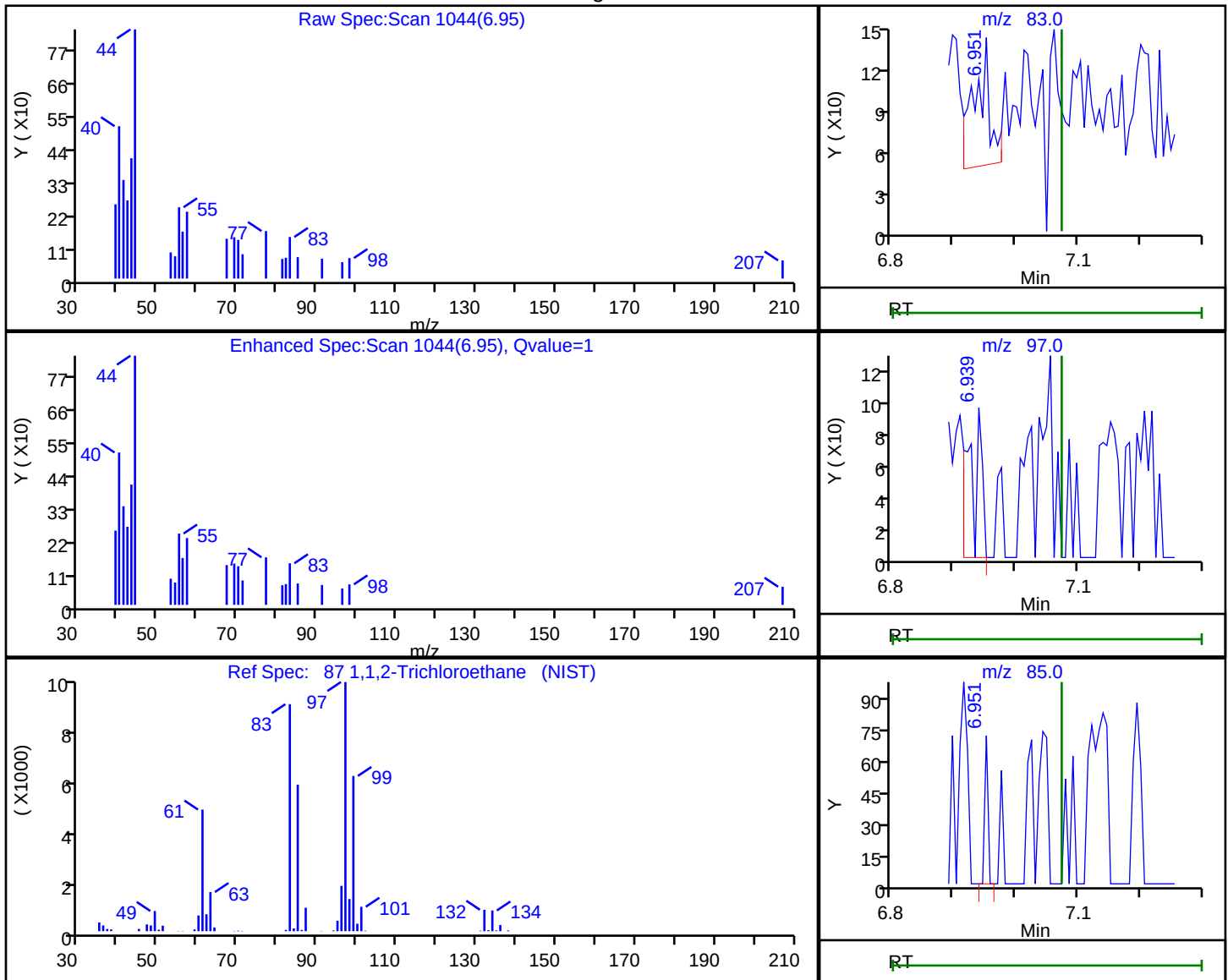
Column: DB-624 (0.18 mm)

Detector

MS Quad

87 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
6.95	83.00	162	0.091721
6.94	97.00	132	
6.95	85.00	26	

Reviewer: baronm, 27-Apr-2020 17:17:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

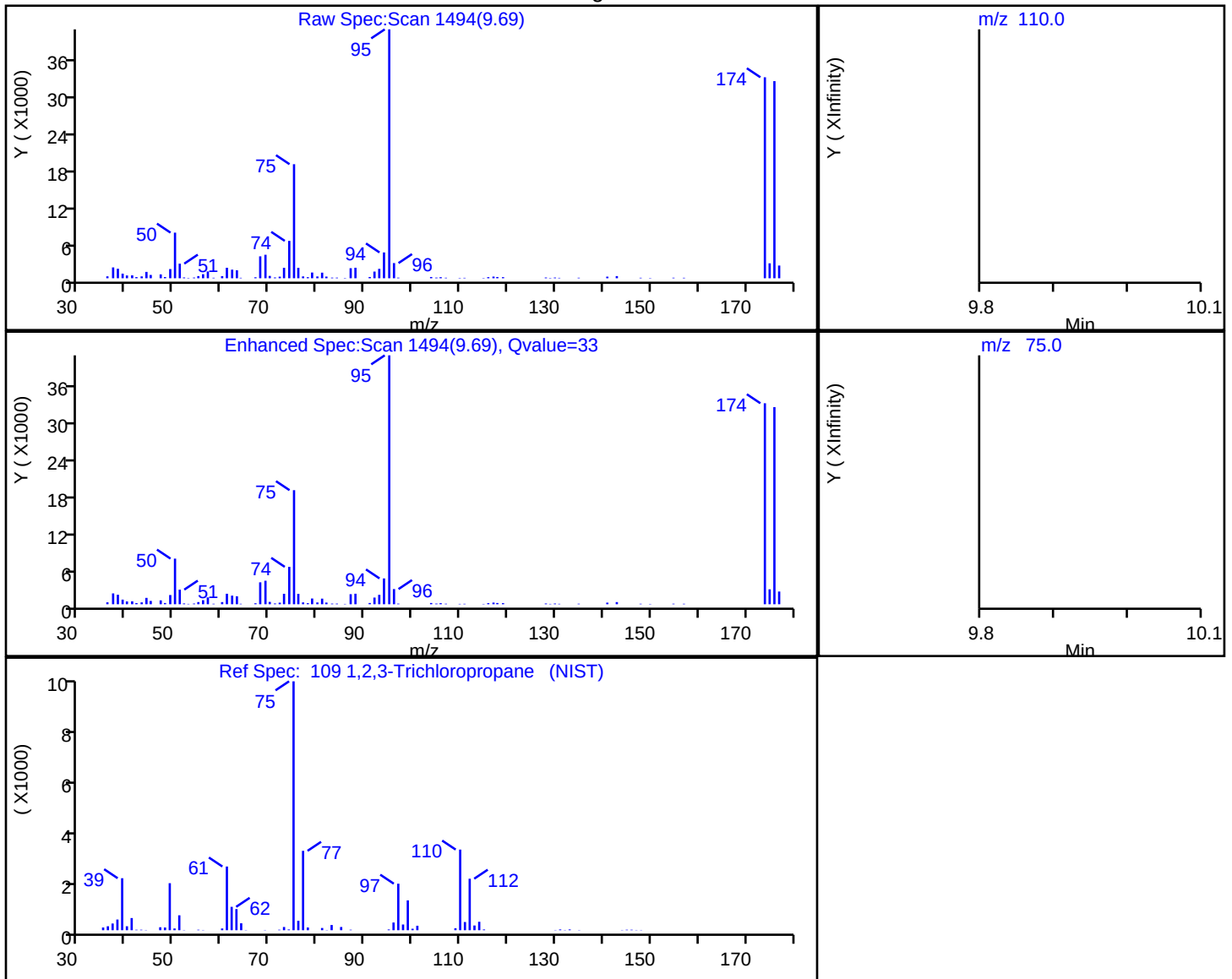
Column: DB-624 (0.18 mm)

Detector

MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.69	110.00	45	0.062140
9.68	75.00	68217	

Reviewer: baronm, 27-Apr-2020 17:17:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

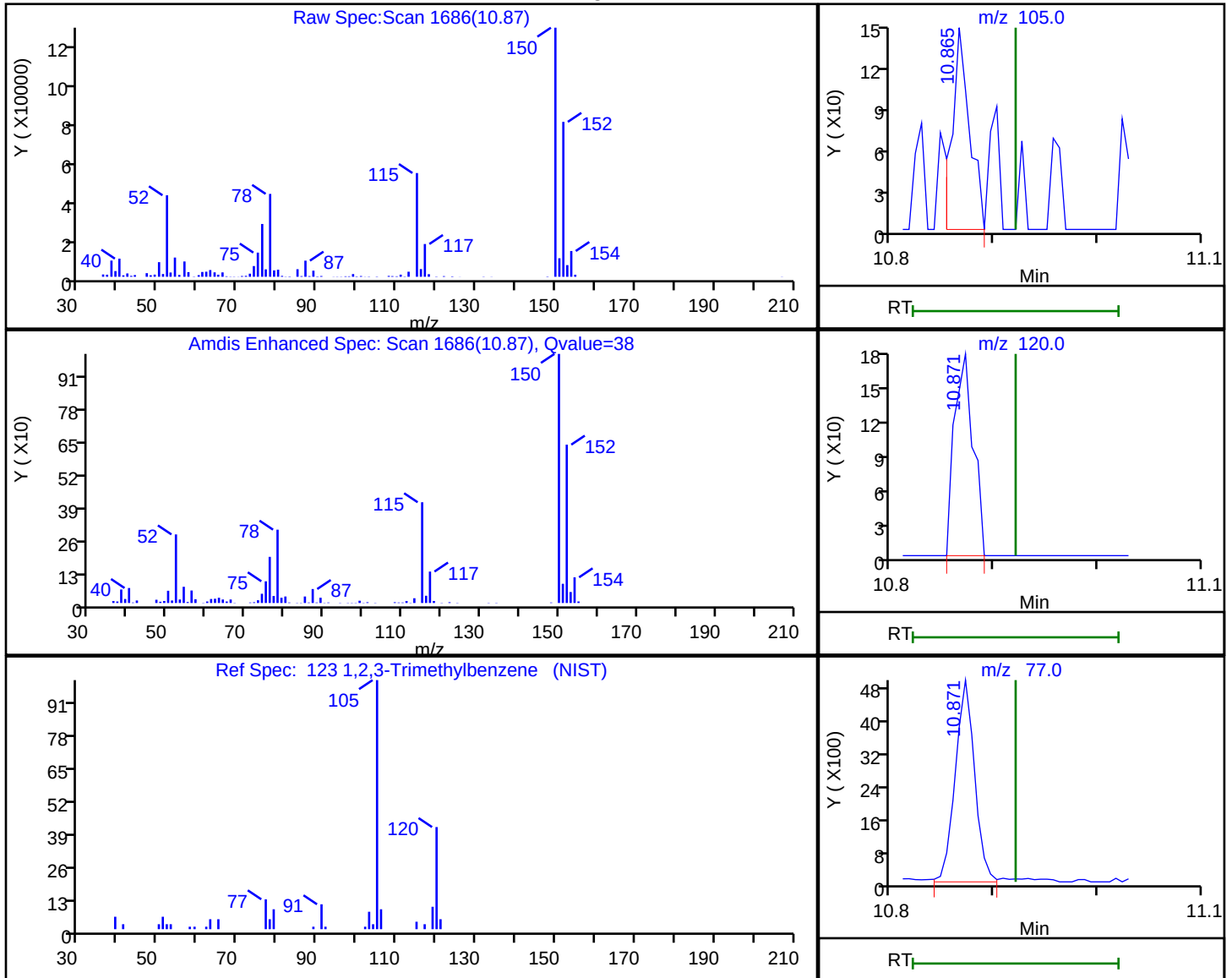
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.87	105.00	172	0.017374
10.87	120.00	224	
10.87	77.00	6447	

Reviewer: baronm, 27-Apr-2020 17:17:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

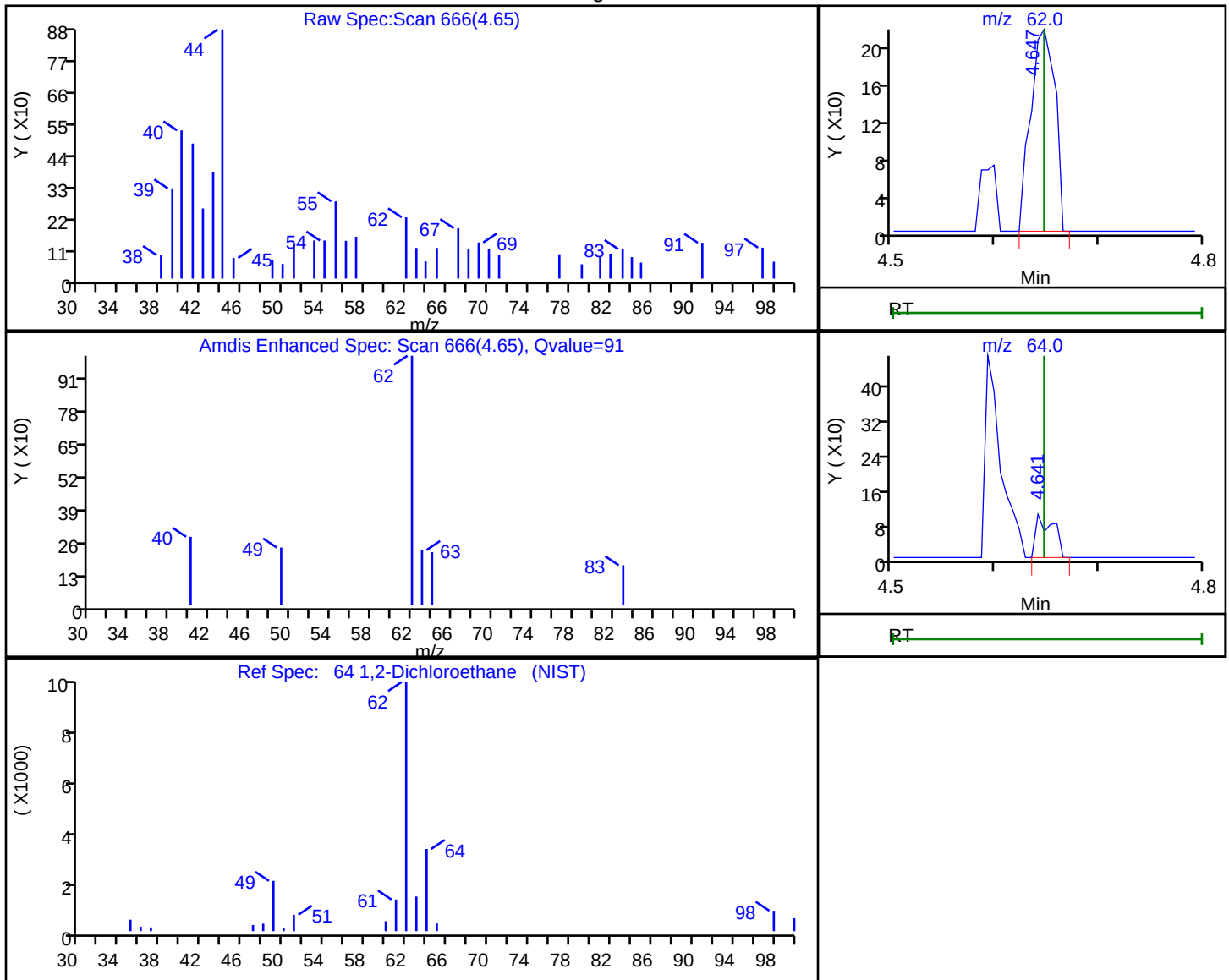
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.65	62.00	351	0.099536
4.64	64.00	115	

Reviewer: baronm, 27-Apr-2020 17:17:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

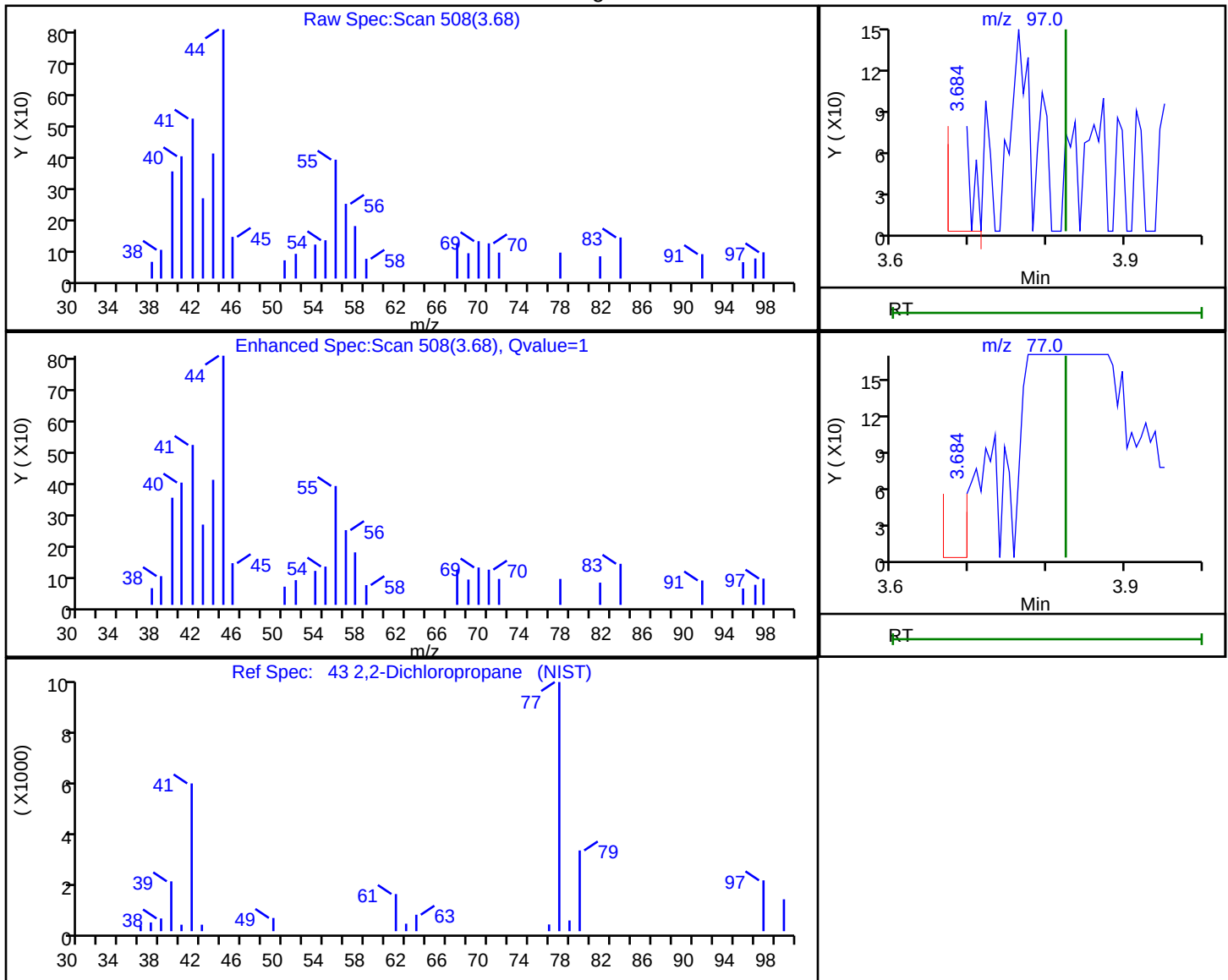
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
3.68	97.00	155	0.171955
3.68	77.00	113	

Reviewer: baronm, 27-Apr-2020 17:16:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

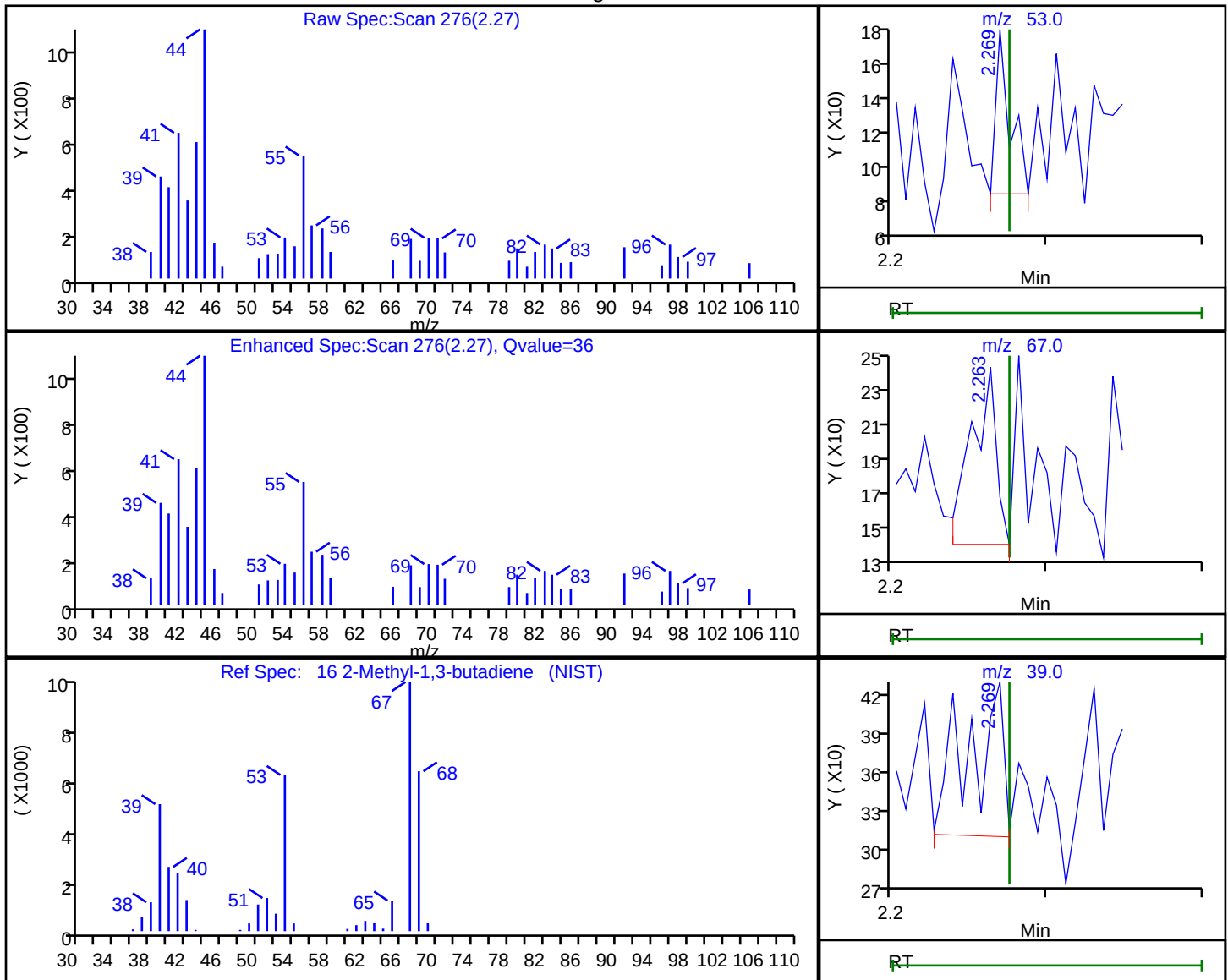
Column: DB-624 (0.18 mm)

Detector

MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
2.27	53.00	57	0.020033
2.26	67.00	105	
2.27	39.00	186	

Reviewer: baronm, 27-Apr-2020 17:16:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

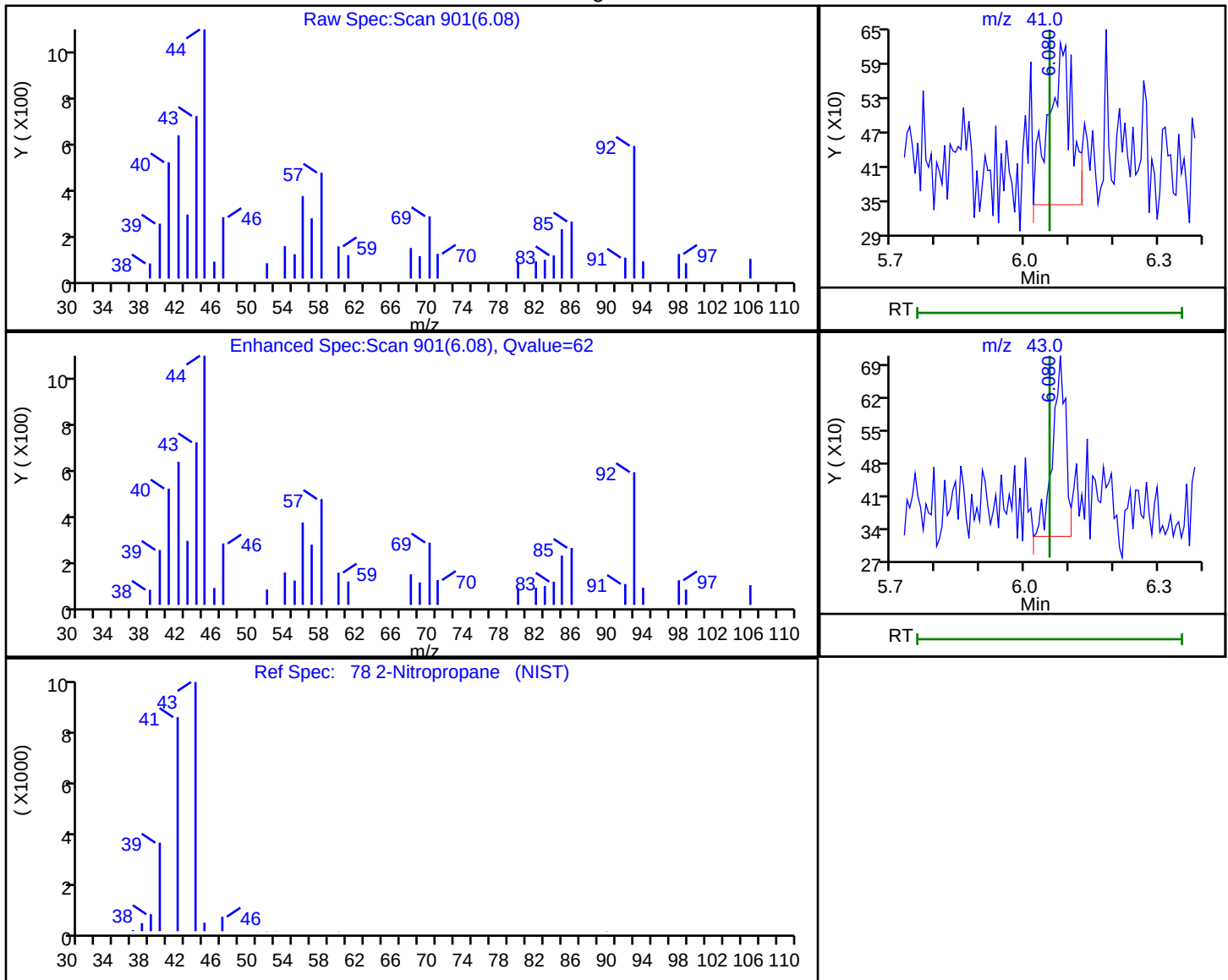
Column: DB-624 (0.18 mm)

Detector

MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
6.08	41.00	987	1.459709
6.08	43.00	788	

Reviewer: baronm, 27-Apr-2020 17:17:17

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

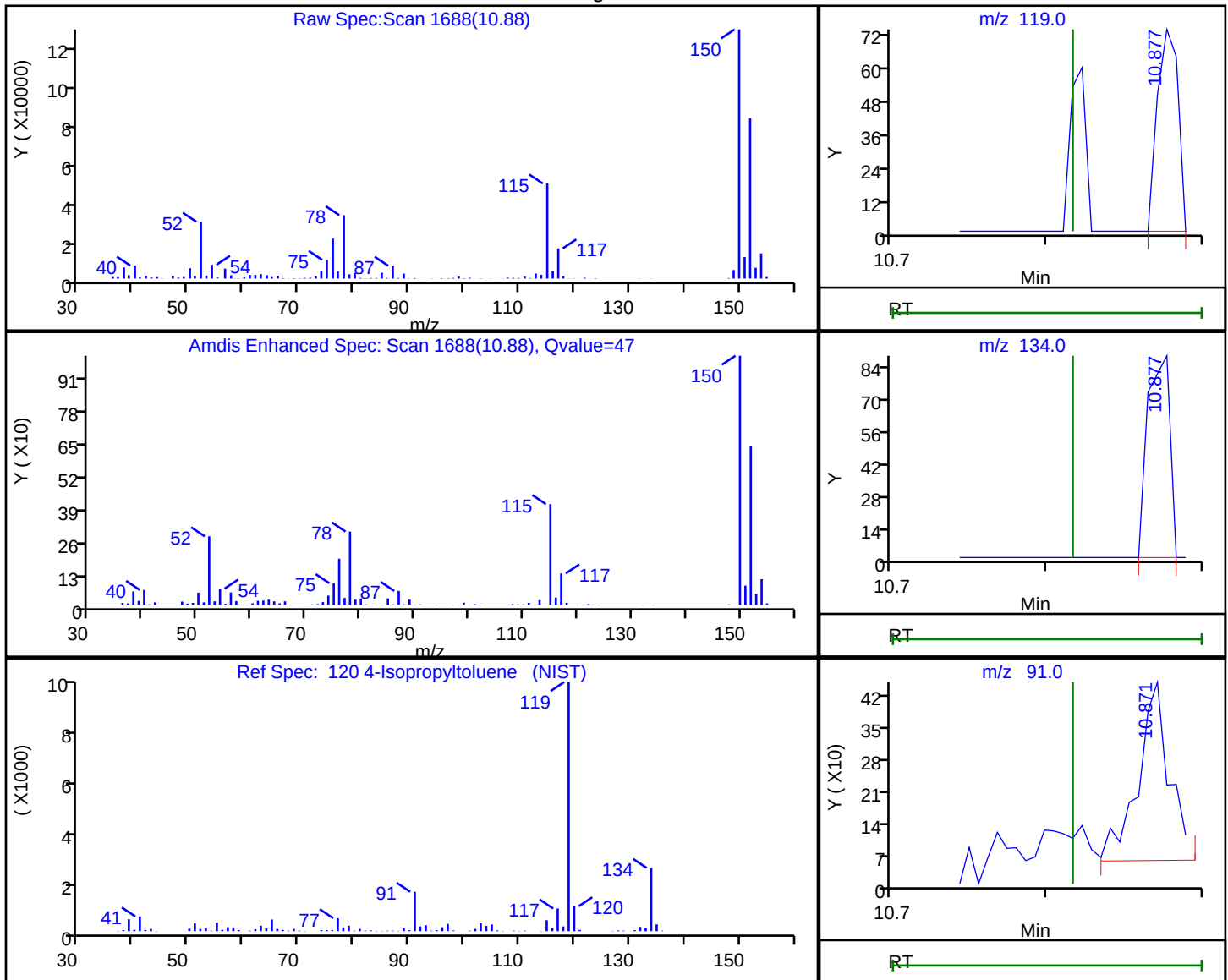
Column: DB-624 (0.18 mm)

Detector

MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.88	119.00	69	0.007056
10.88	134.00	89	
10.87	91.00	548	

Reviewer: baronm, 27-Apr-2020 17:17:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

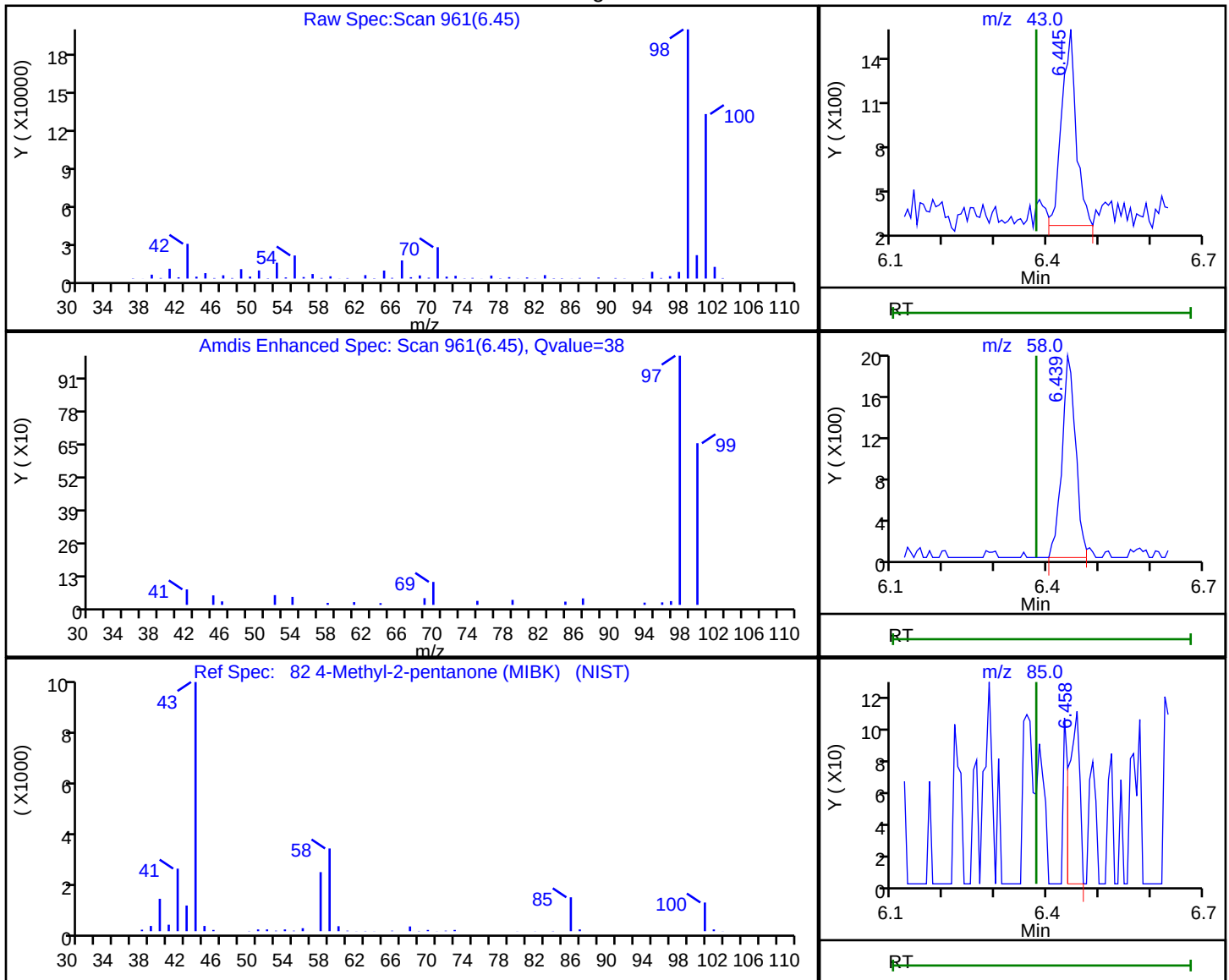
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.45	43.00	2307	0.883578
6.44	58.00	3606	
6.46	85.00	148	
6.45	100.00	240786	

Reviewer: baronm, 27-Apr-2020 17:17:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

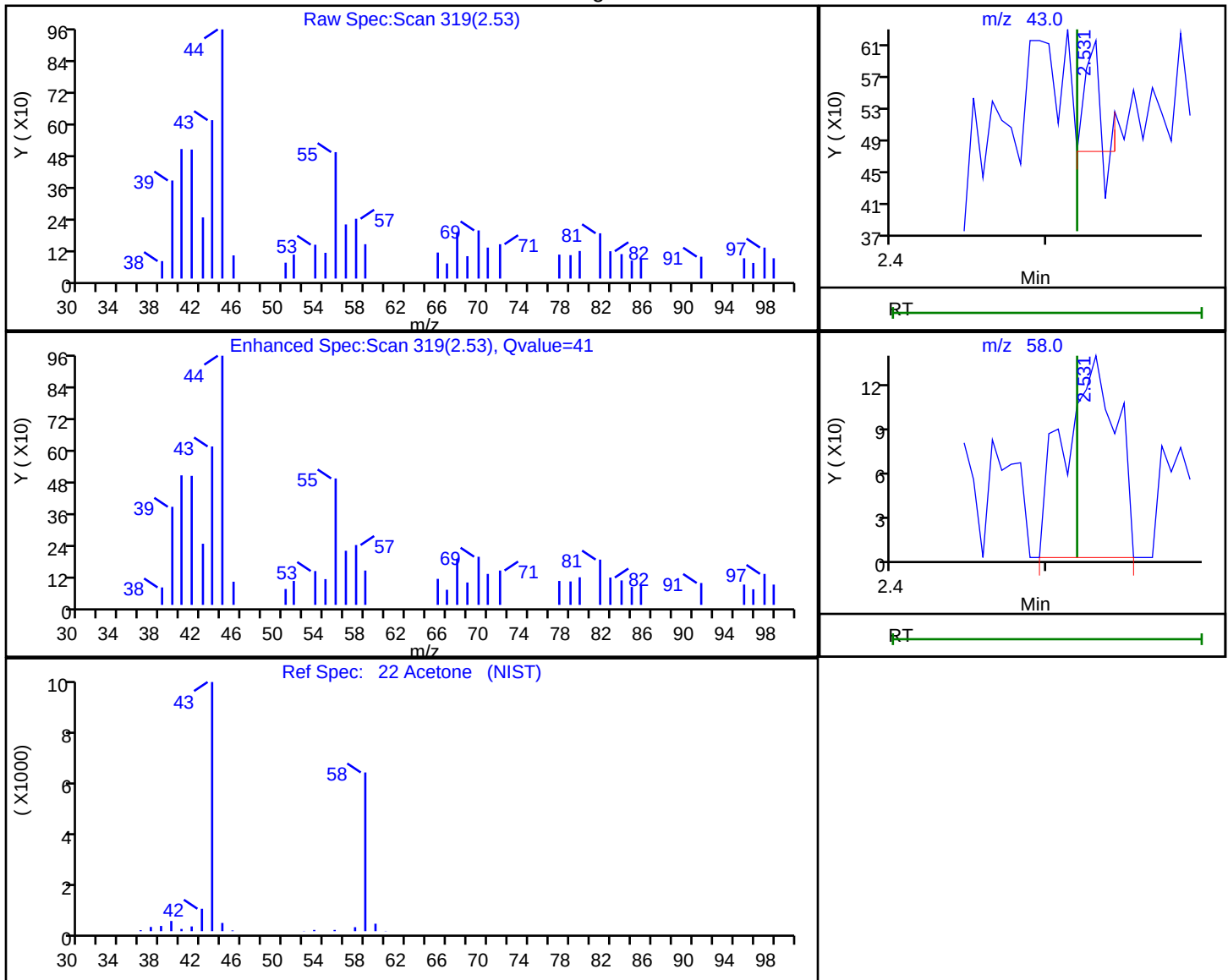
Column: DB-624 (0.18 mm)

Detector

MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.53	43.00	86	0.096735
2.53	58.00	307	

Reviewer: baronm, 27-Apr-2020 17:16:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

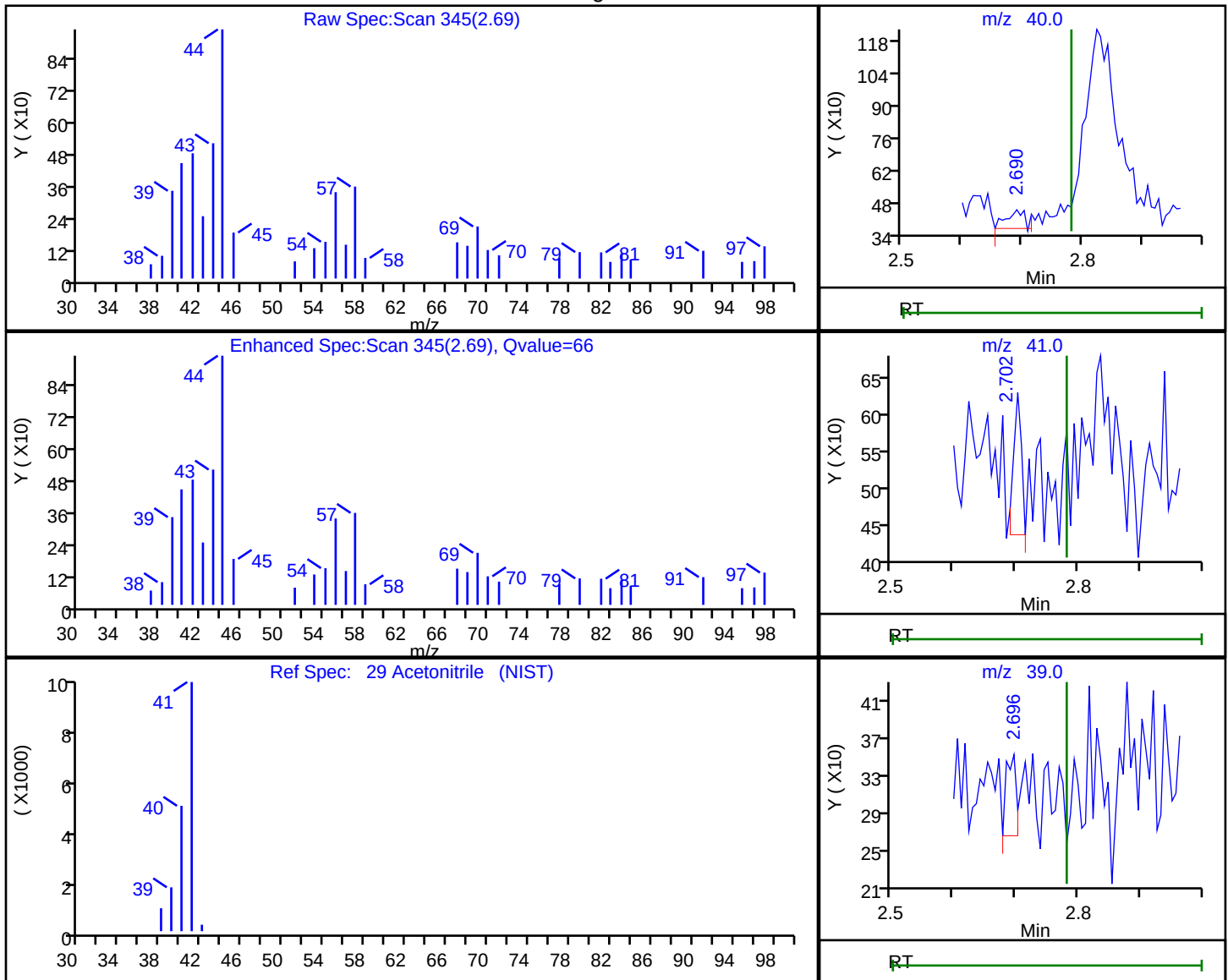
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.69	40.00	181	2.764571
2.70	41.00	171	
2.70	39.00	96	
2.70	38.00	199	

Reviewer: baronm, 27-Apr-2020 17:16:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

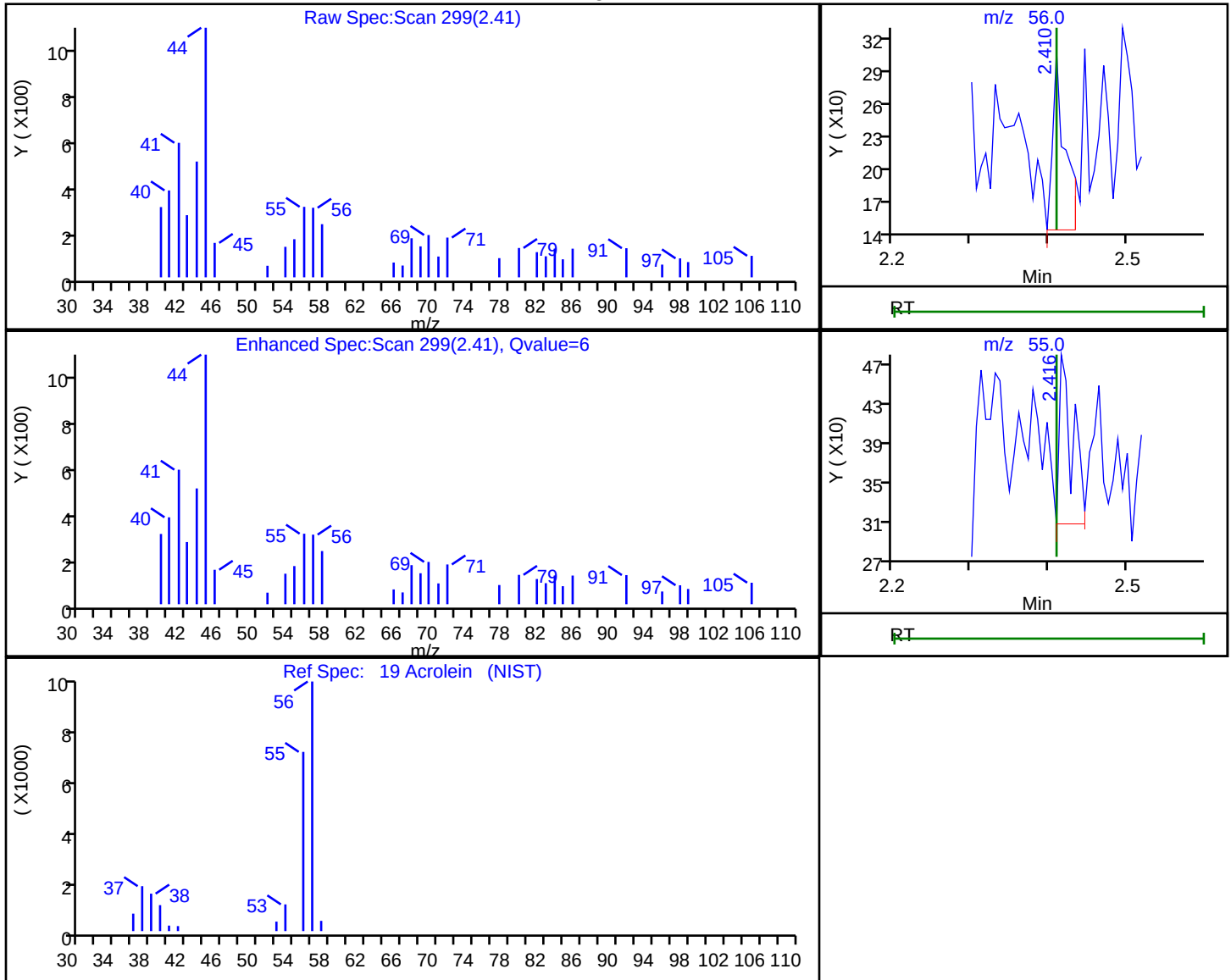
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

19 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
2.41	56.00	176	0.089710
2.42	55.00	207	

Reviewer: baronm, 27-Apr-2020 17:16:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

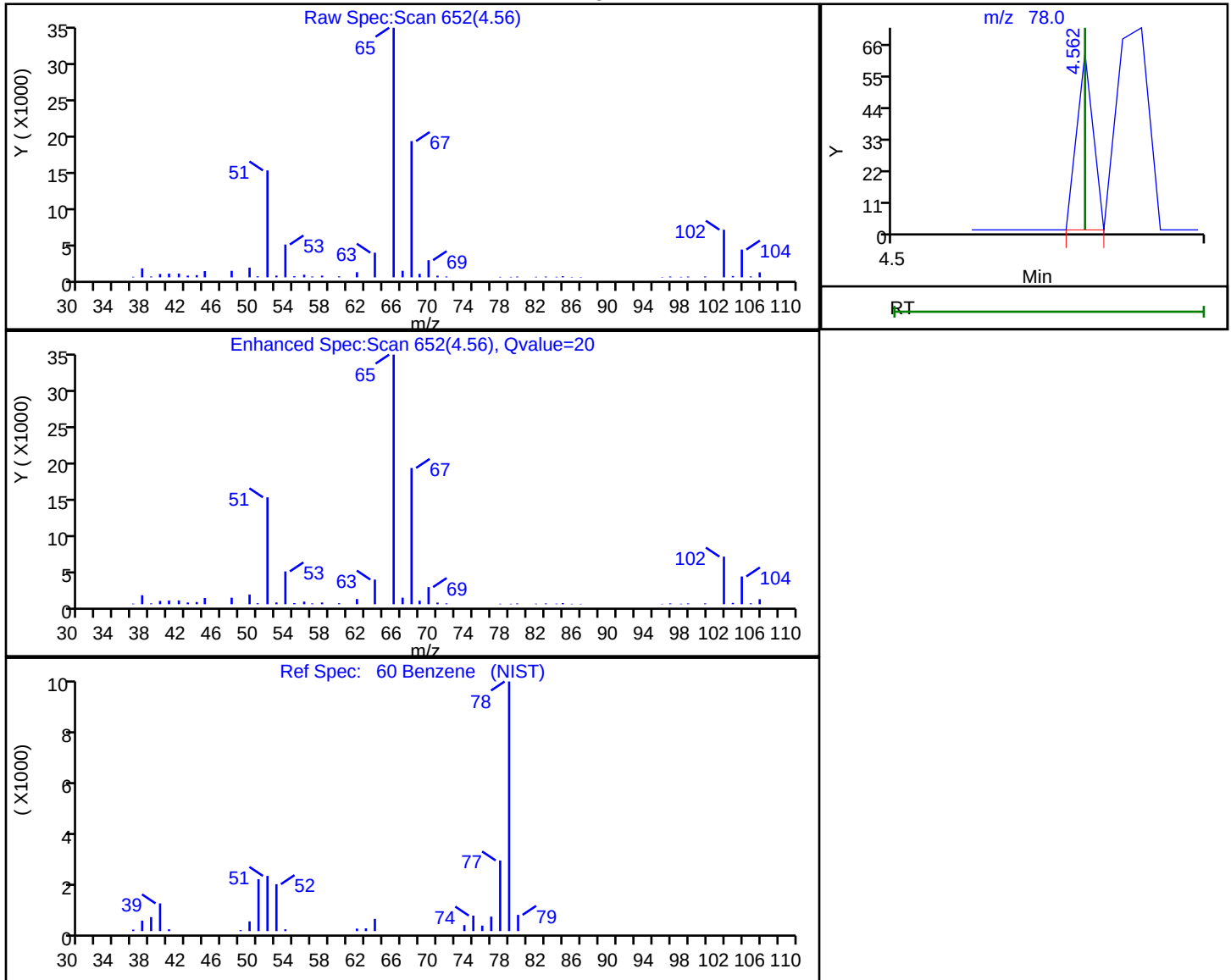
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.56	78.00	23	0.002352

Reviewer: baronm, 27-Apr-2020 17:17:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

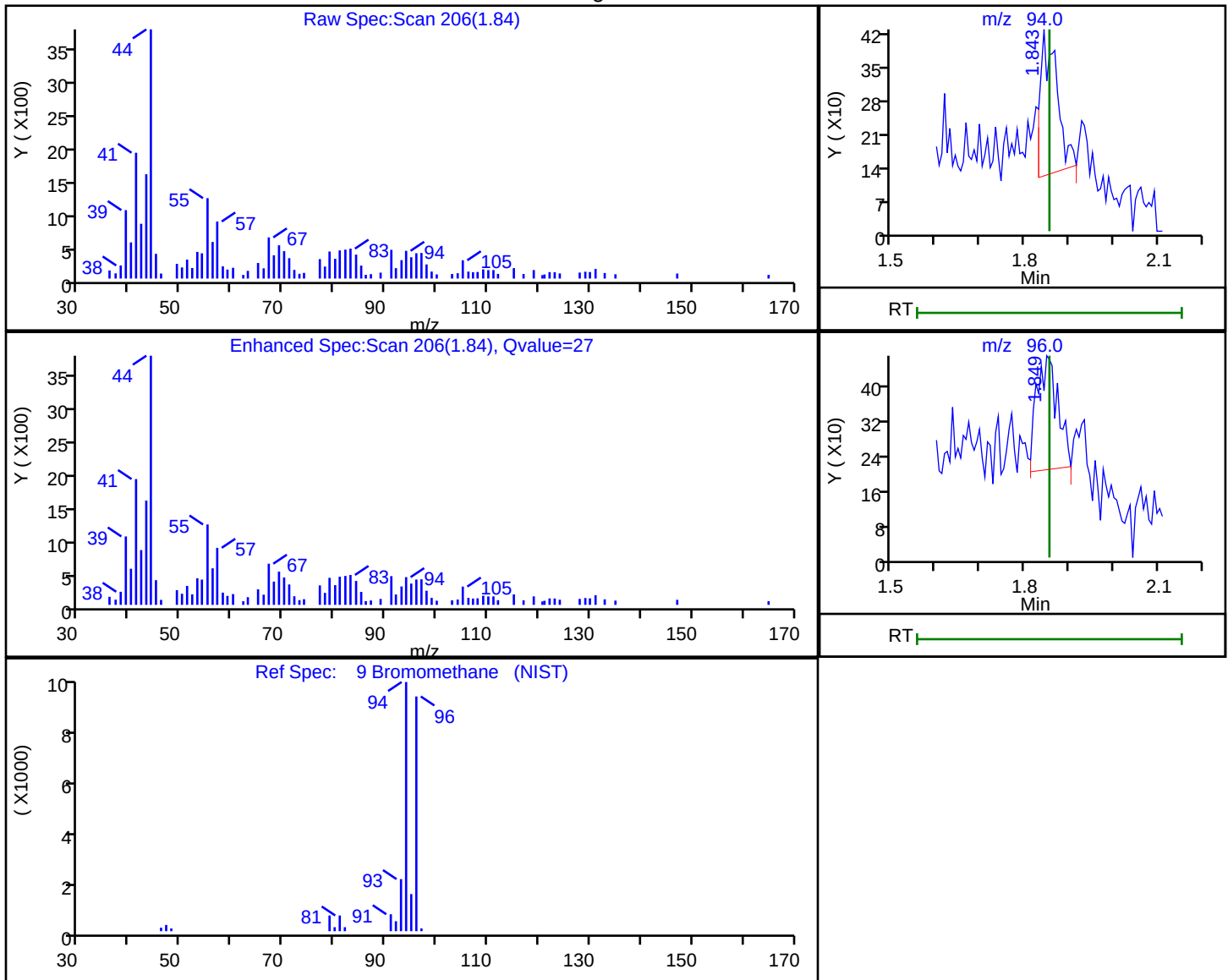
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.84	94.00	777	0.300710
1.85	96.00	867	

Reviewer: baronm, 27-Apr-2020 17:16:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

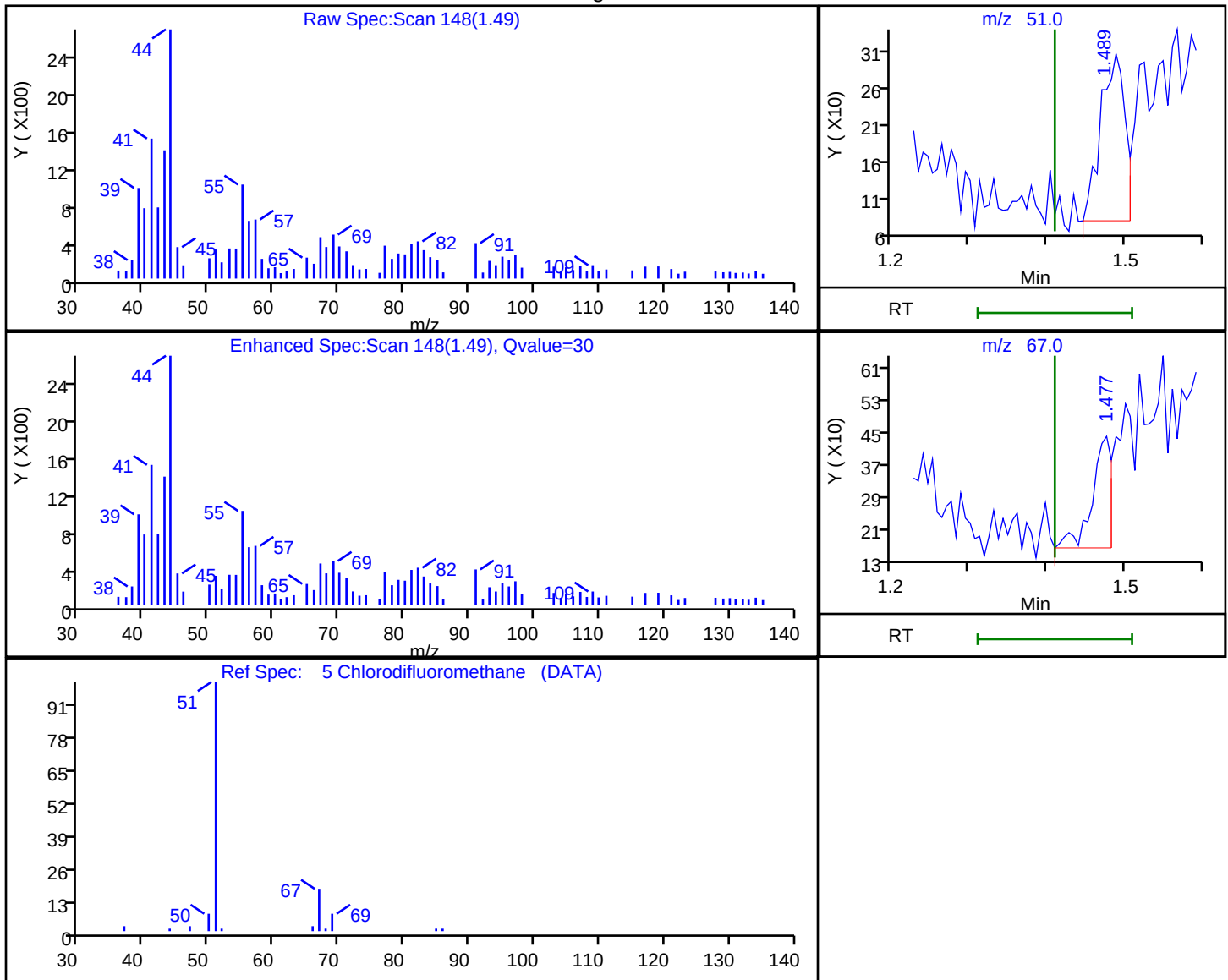
Column: DB-624 (0.18 mm)

Detector

MS Quad

5 Chlorodifluoromethane, CAS: 75-45-6

Processing Results



RT	Mass	Response	Amount
1.49	51.00	493	0.100126
1.48	67.00	483	

Reviewer: baronm, 27-Apr-2020 17:16:26

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

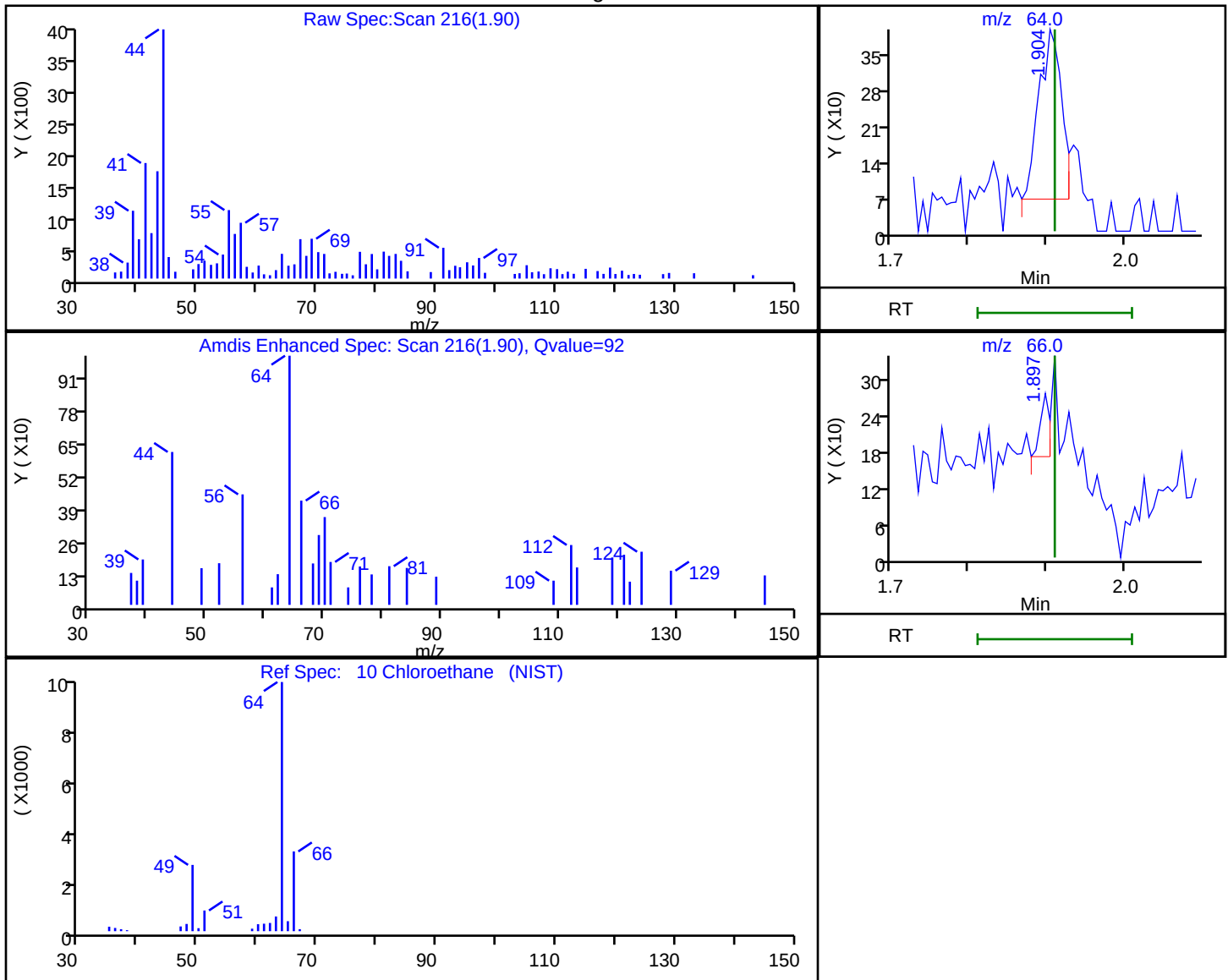
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.90	64.00	679	0.292451
1.90	66.00	86	

Reviewer: baronm, 27-Apr-2020 17:16:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

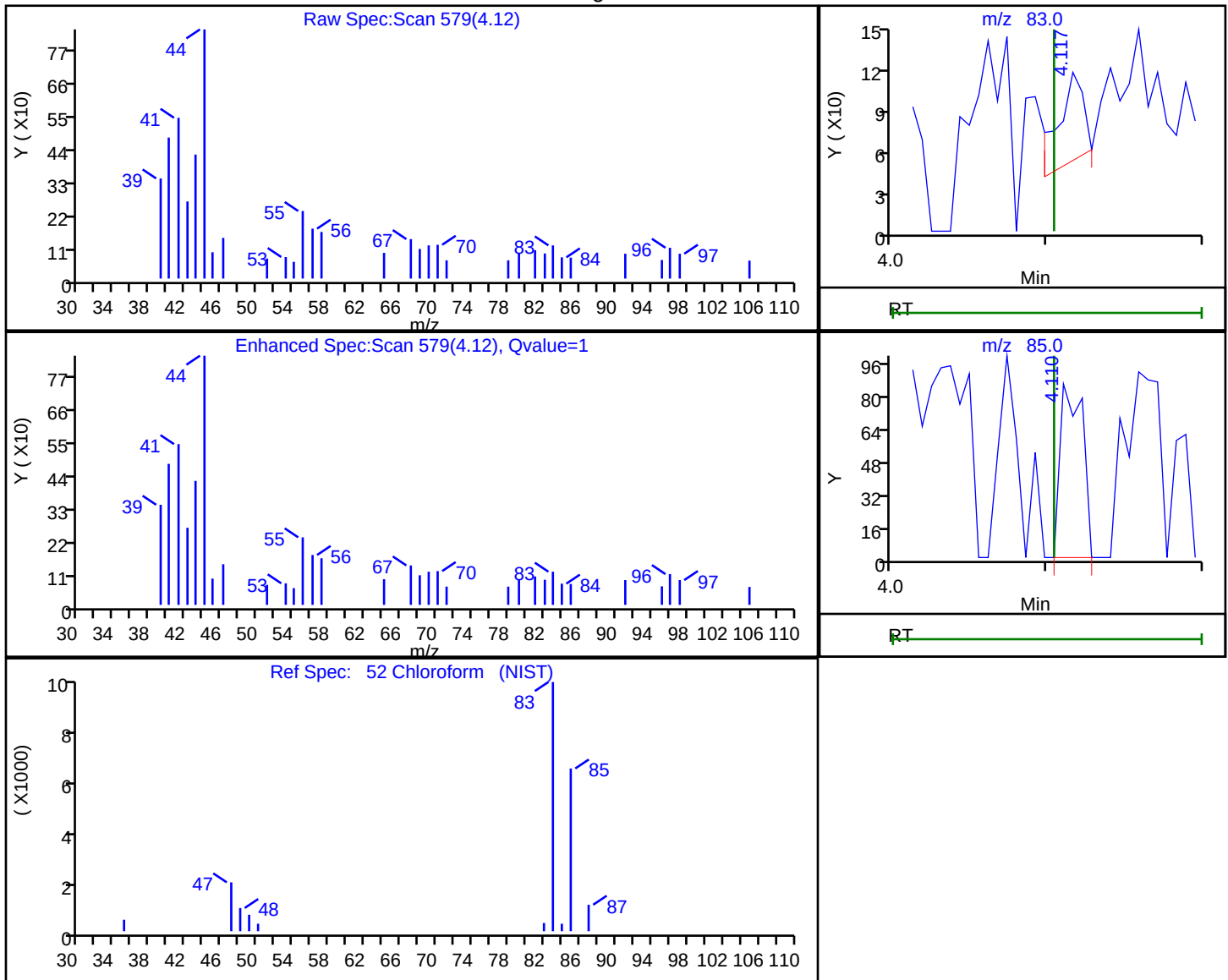
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

52 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
4.12	83.00	72	0.015622
4.11	85.00	86	

Reviewer: baronm, 27-Apr-2020 17:17:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

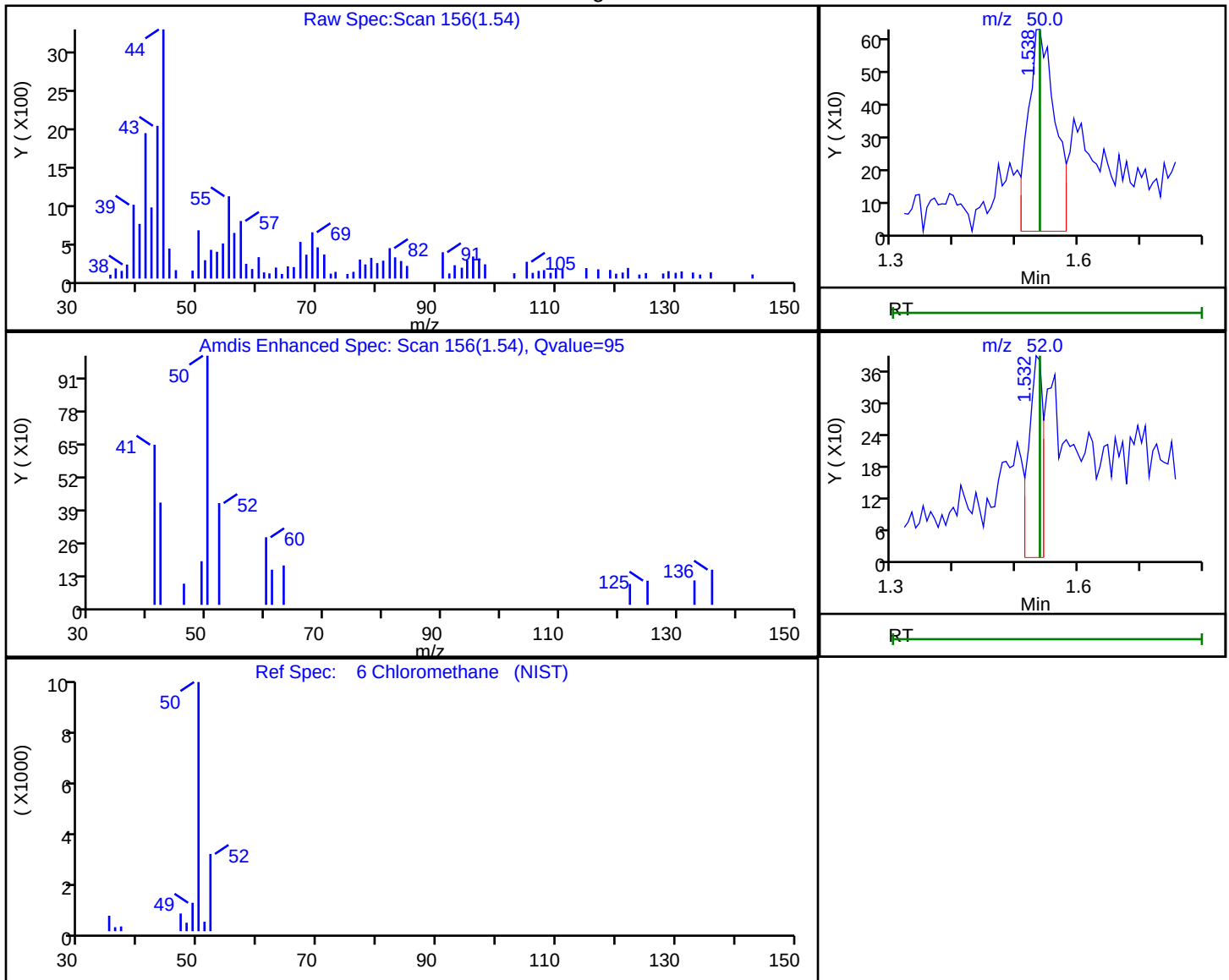
Column: DB-624 (0.18 mm)

Detector

MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.54	50.00	1898	0.329936
1.53	52.00	612	

Reviewer: baronm, 27-Apr-2020 17:16:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

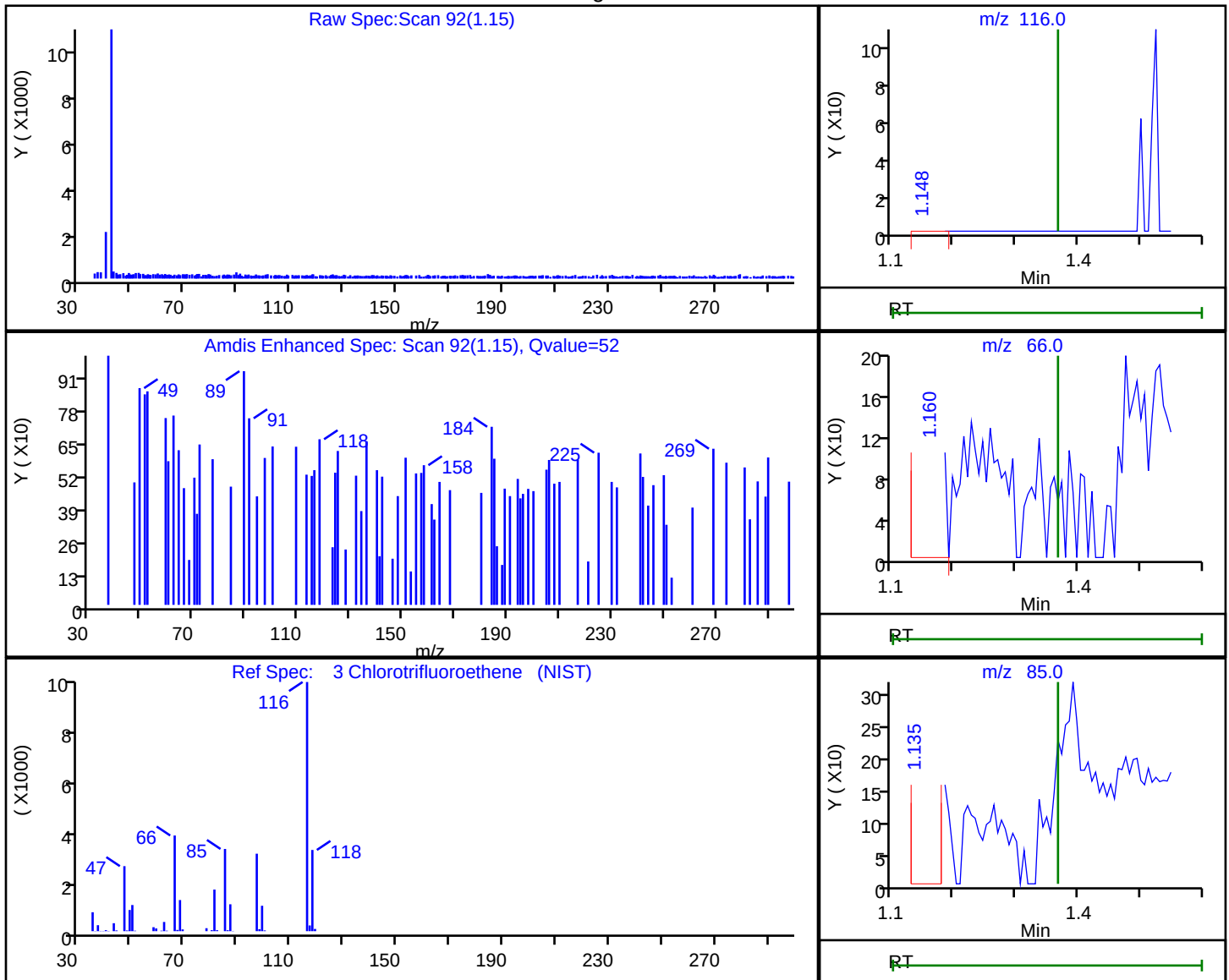
Column: DB-624 (0.18 mm)

Detector

MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.15	116.00	406	0.323113
1.16	66.00	545	
1.14	85.00	409	
1.15	118.00	642	

Reviewer: baronm, 27-Apr-2020 17:16:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

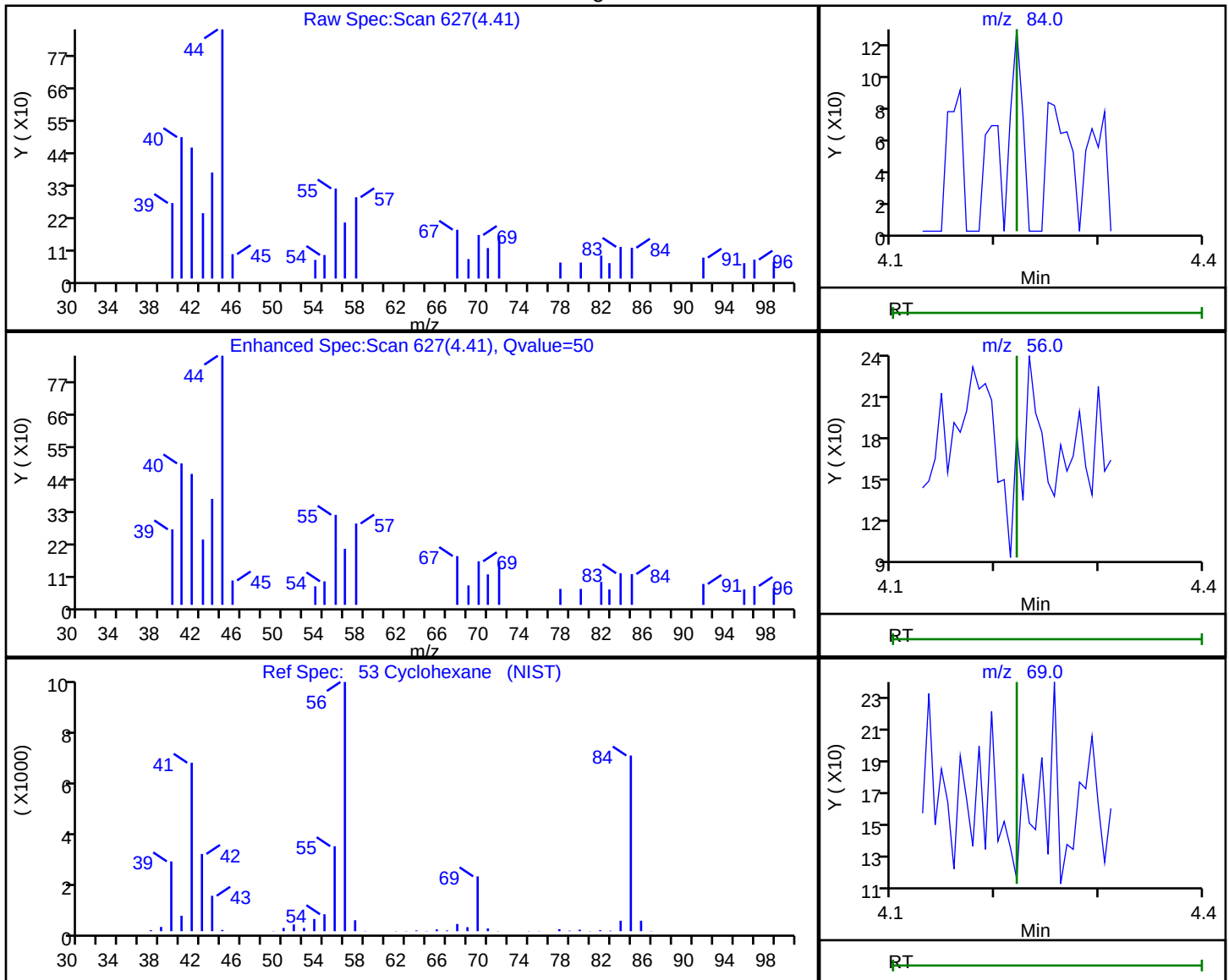
Column: DB-624 (0.18 mm)

Detector

MS Quad

53 Cyclohexane, CAS: 110-82-7

Processing Results



RT	Mass	Response	Amount
4.41	84.00	173	0.041649
4.40	56.00	154	
4.42	69.00	125	

Reviewer: baronm, 27-Apr-2020 17:17:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

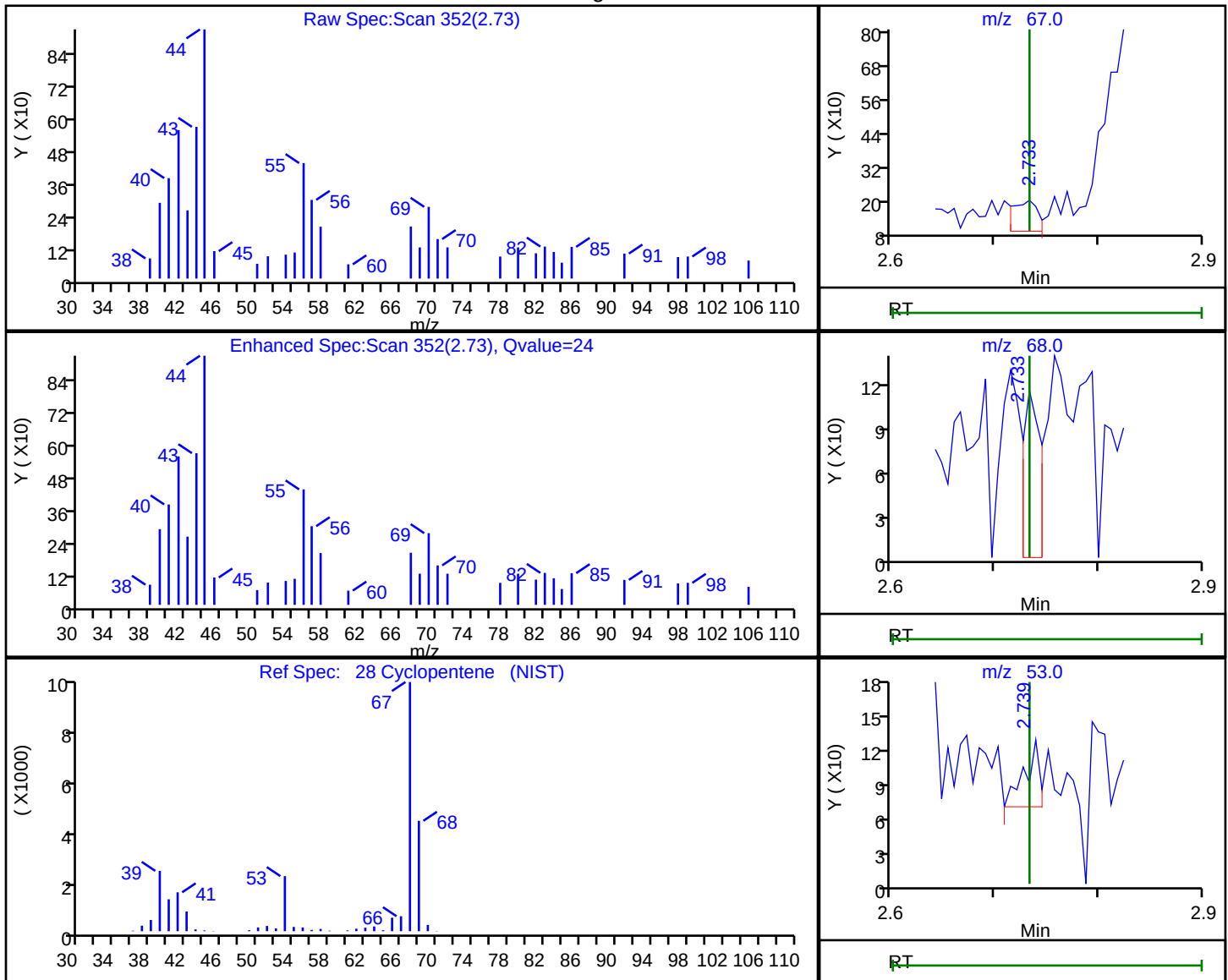
Column: DB-624 (0.18 mm)

Detector

MS Quad

28 Cyclopentene, CAS: 142-29-0

Processing Results



RT	Mass	Response	Amount
2.73	67.00	187	0.026428
2.73	68.00	136	
2.74	53.00	60	

Reviewer: baronm, 27-Apr-2020 17:16:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

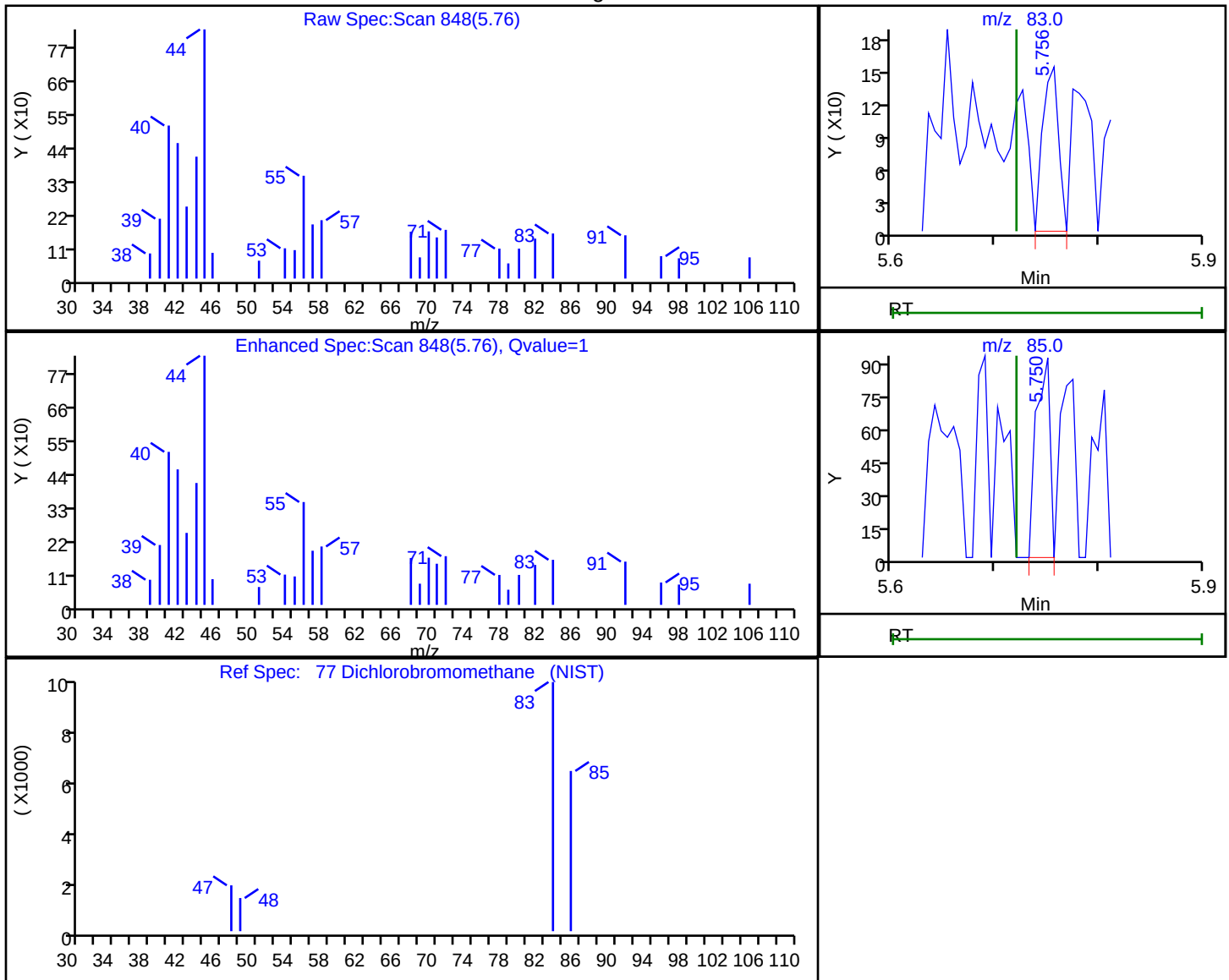
Column: DB-624 (0.18 mm)

Detector

MS Quad

77 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
5.76	83.00	159	0.047493
5.75	85.00	86	

Reviewer: baronm, 27-Apr-2020 17:17:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

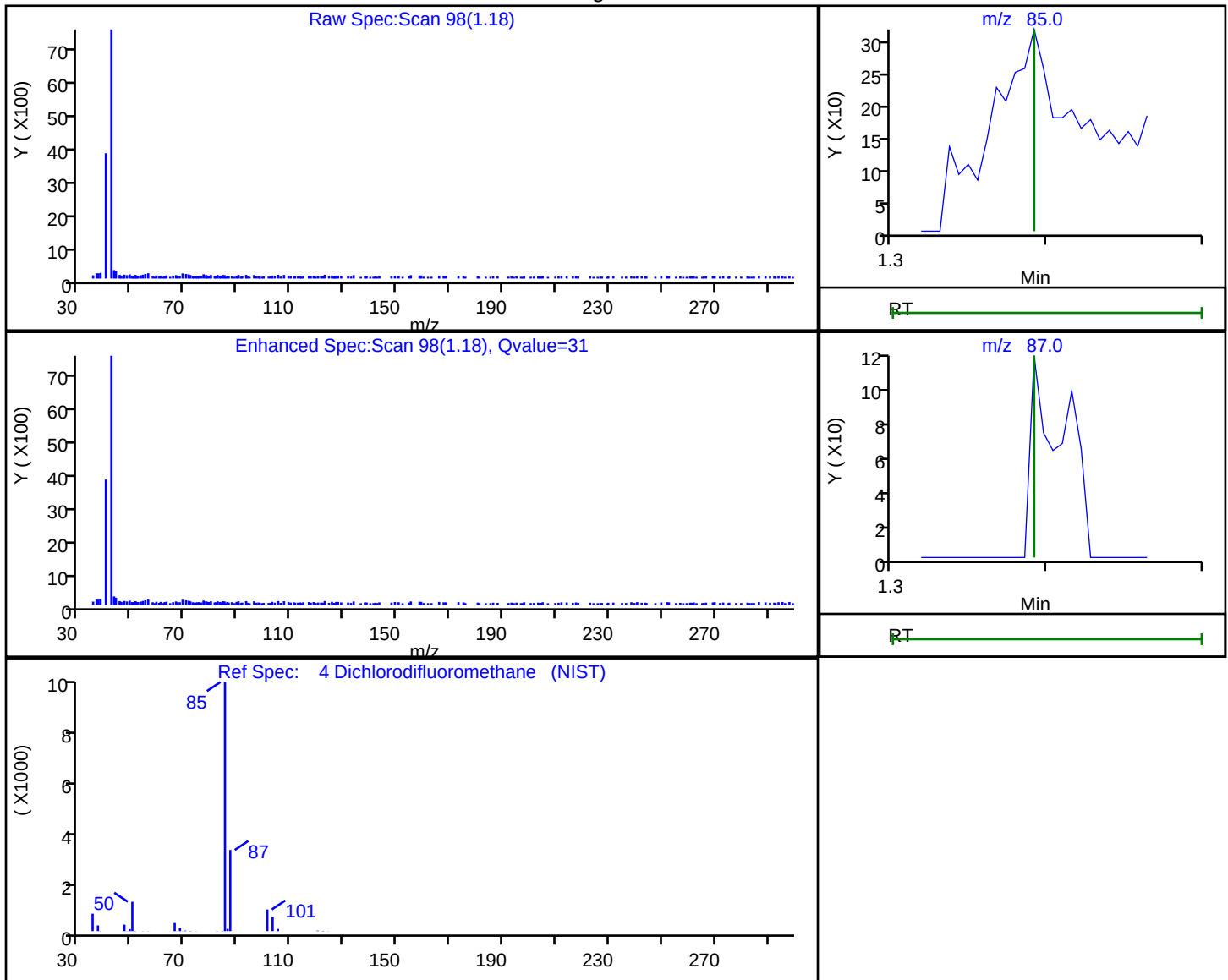
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.18	85.00	157	0.034773
1.18	87.00	46	

Reviewer: baronm, 27-Apr-2020 17:16:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

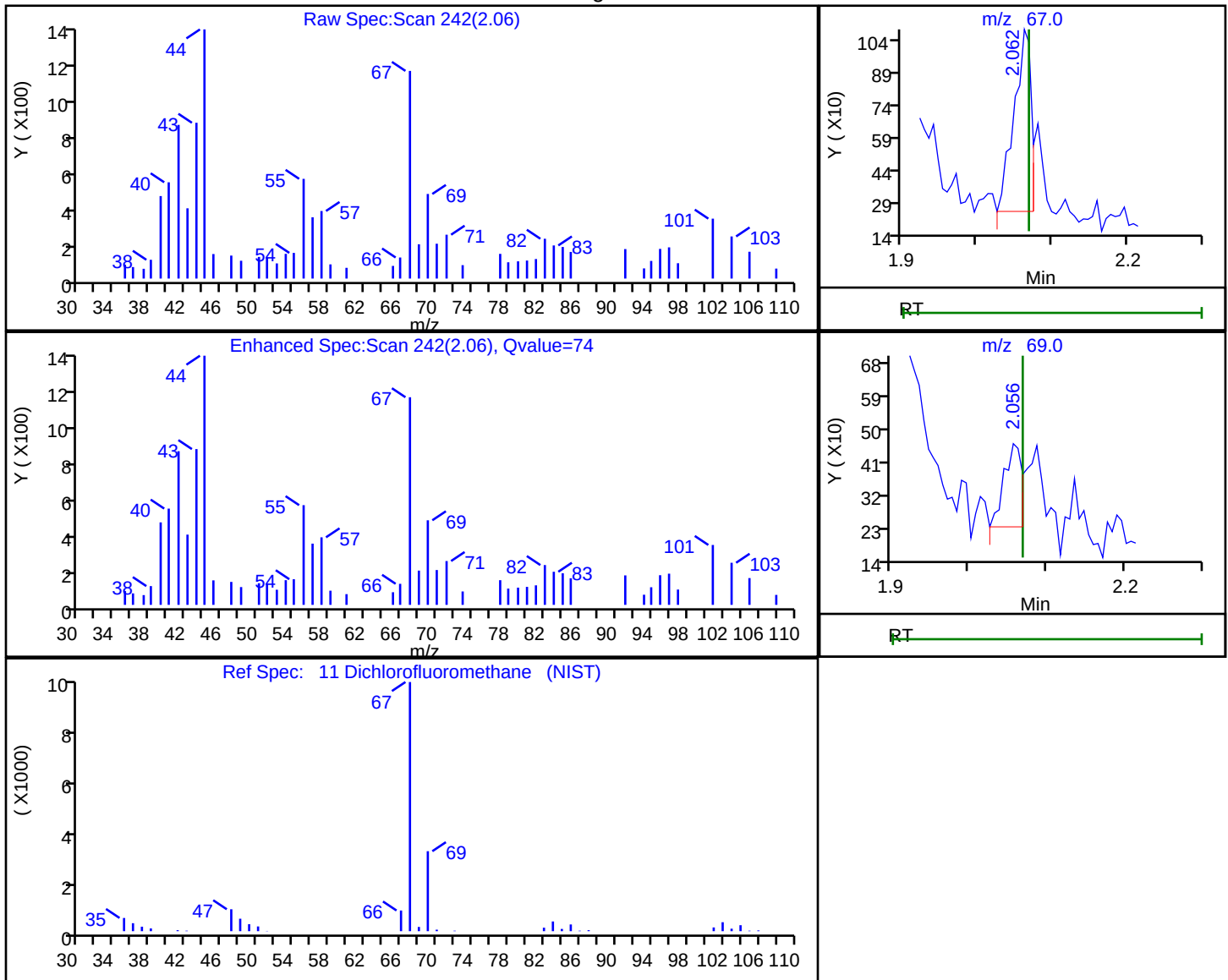
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.06	67.00	1359	0.187445
2.06	69.00	356	

Reviewer: baronm, 27-Apr-2020 17:16:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

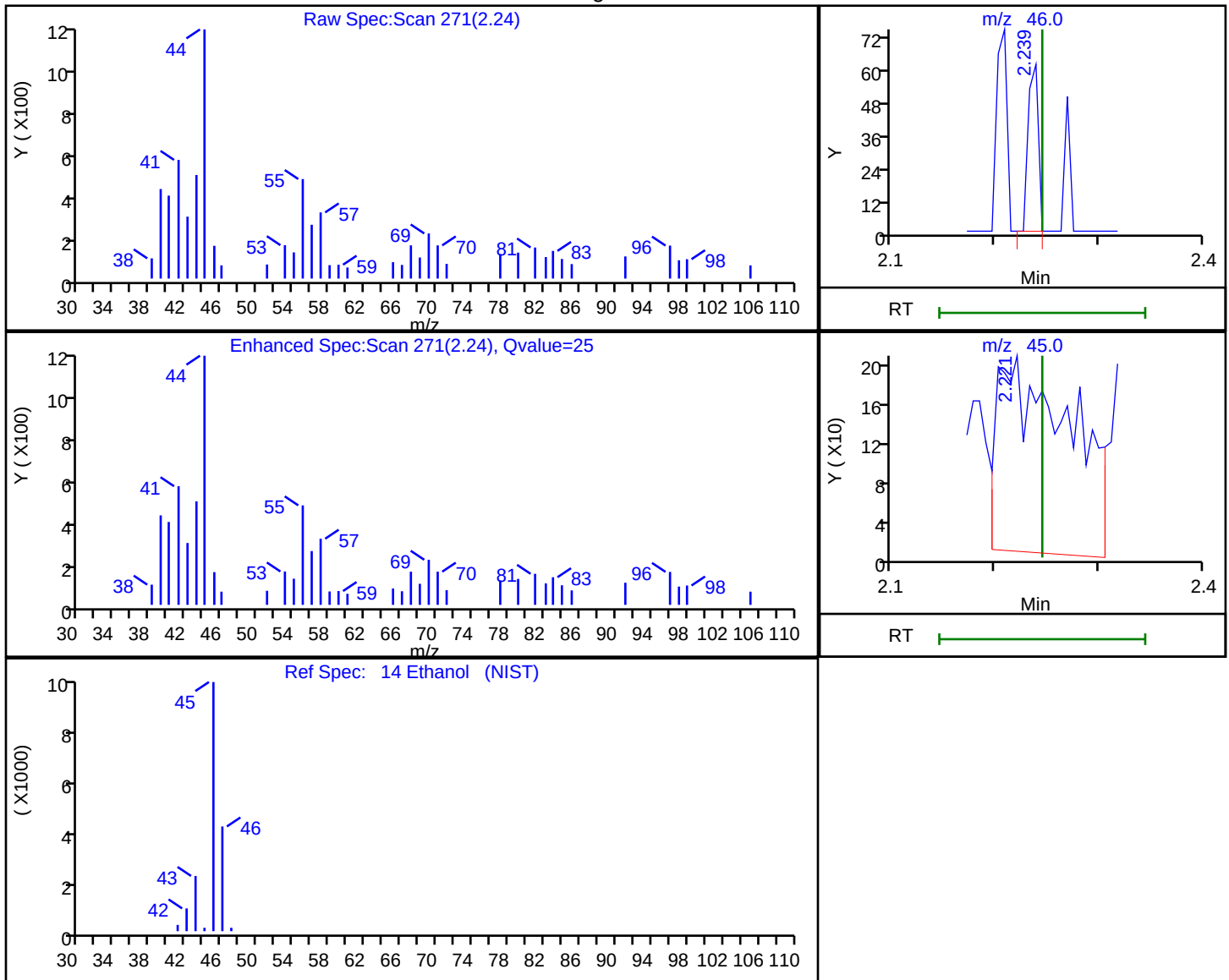
Column: DB-624 (0.18 mm)

Detector

MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.24	46.00	42	12.077378
2.22	45.00	966	

Reviewer: baronm, 27-Apr-2020 17:16:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

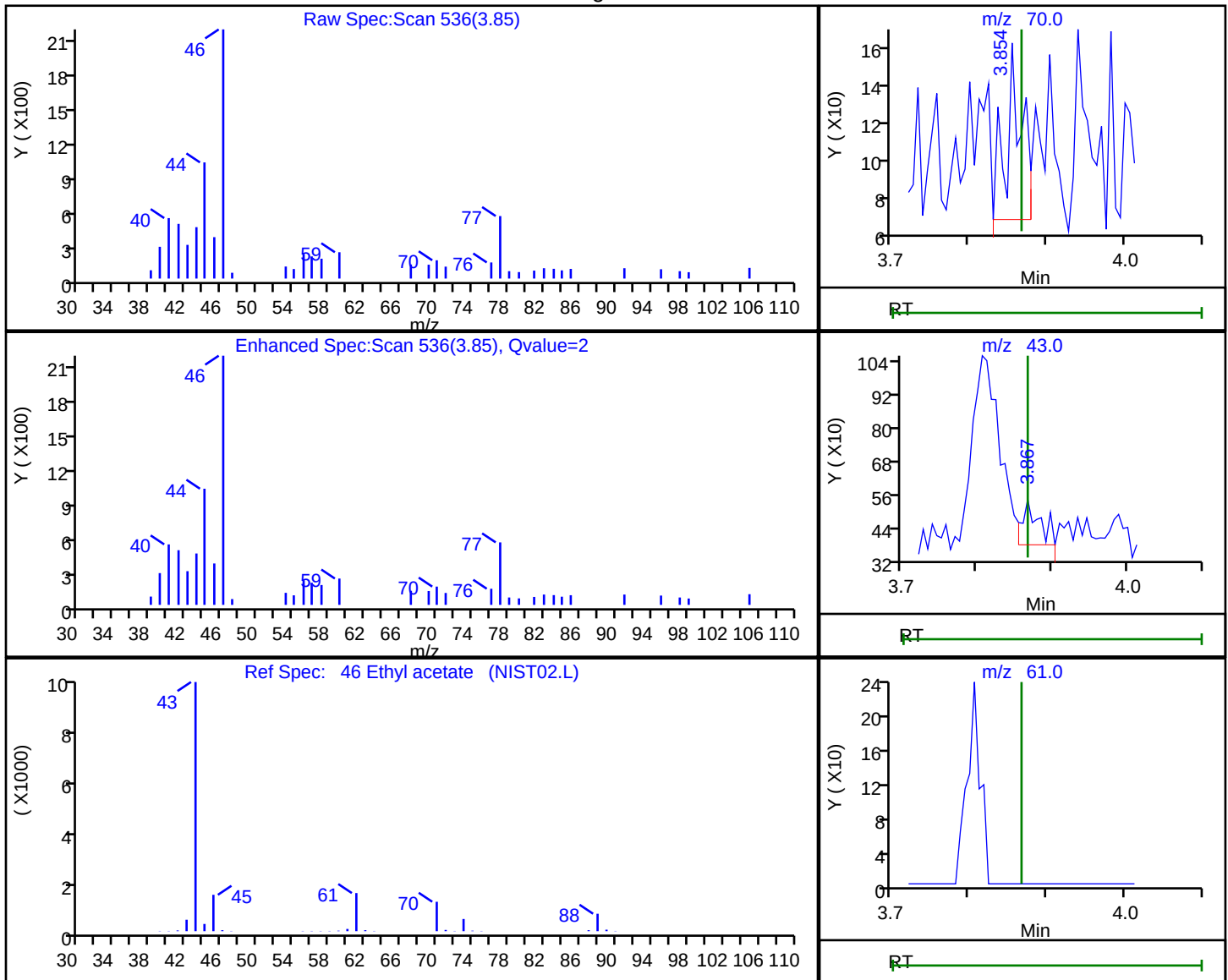
Column: DB-624 (0.18 mm)

Detector

MS Quad

46 Ethyl acetate, CAS: 141-78-6

Processing Results



RT	Mass	Response	Amount
3.85	70.00	130	0.290596
3.87	43.00	263	
3.87	61.00	0	

Reviewer: baronm, 27-Apr-2020 17:17:00

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

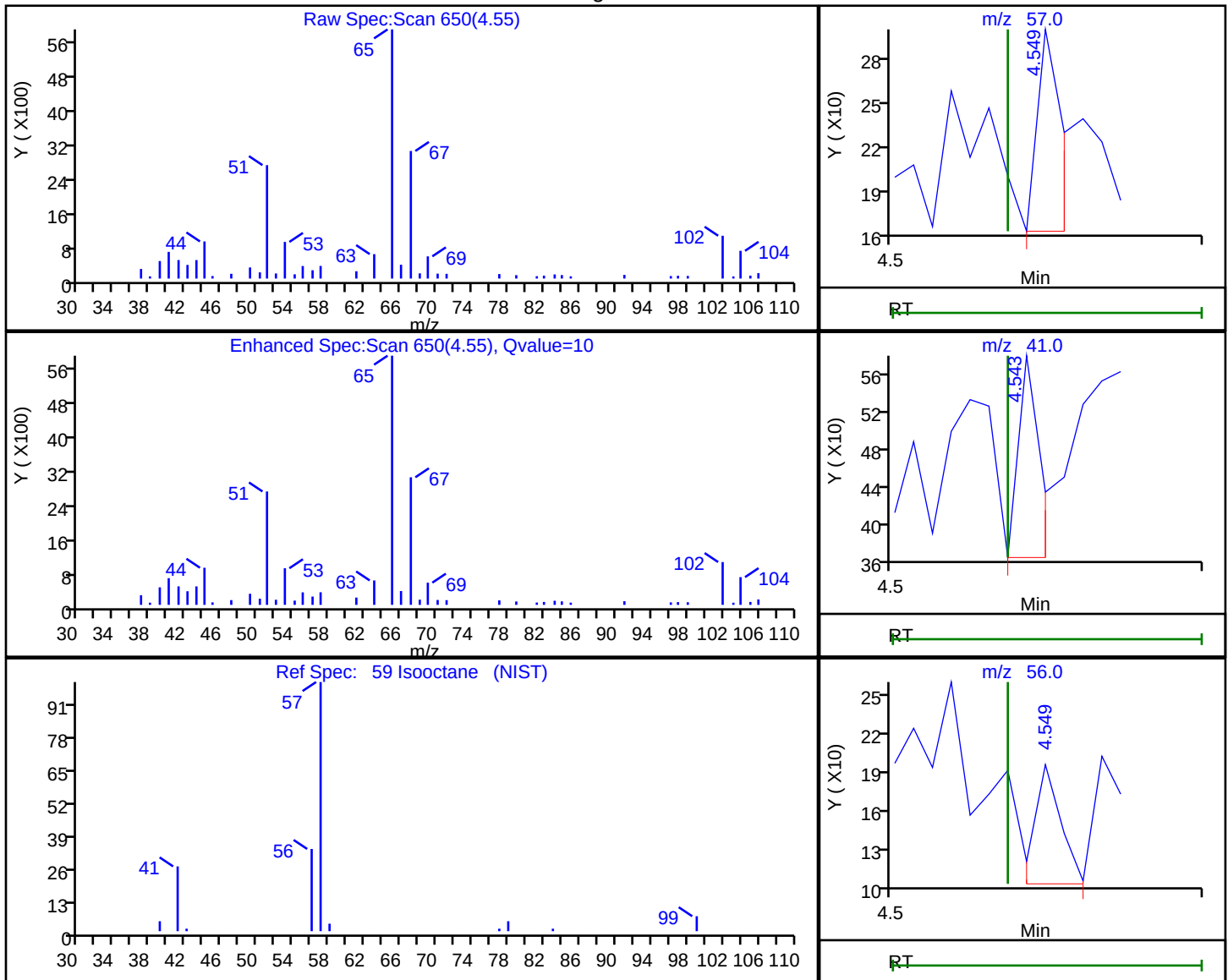
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

59 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
4.55	57.00	71	0.006926
4.54	41.00	105	
4.55	56.00	51	

Reviewer: baronm, 27-Apr-2020 17:17:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

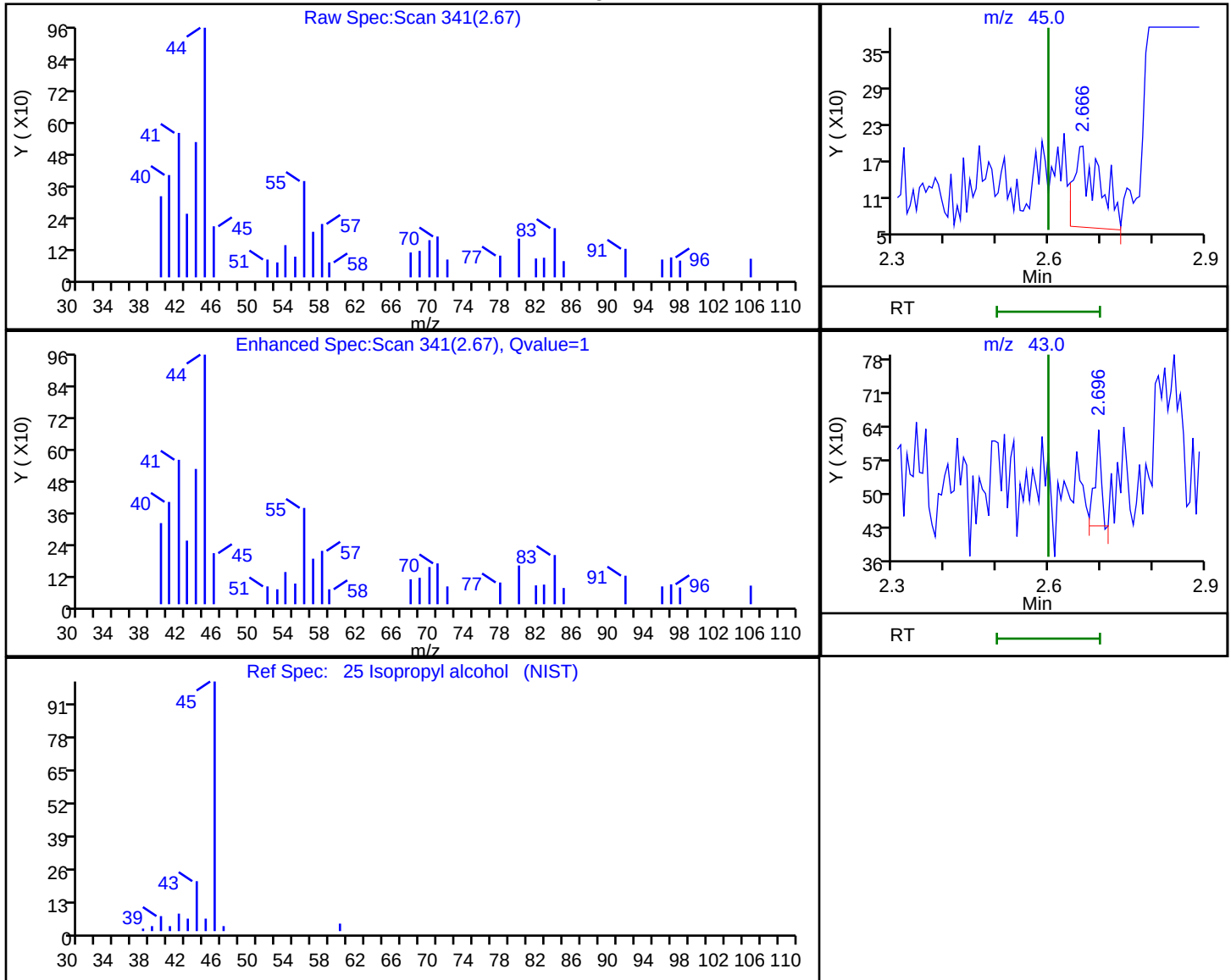
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.67	45.00	455	2.017562
2.70	43.00	165	

Reviewer: baronm, 27-Apr-2020 17:16:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

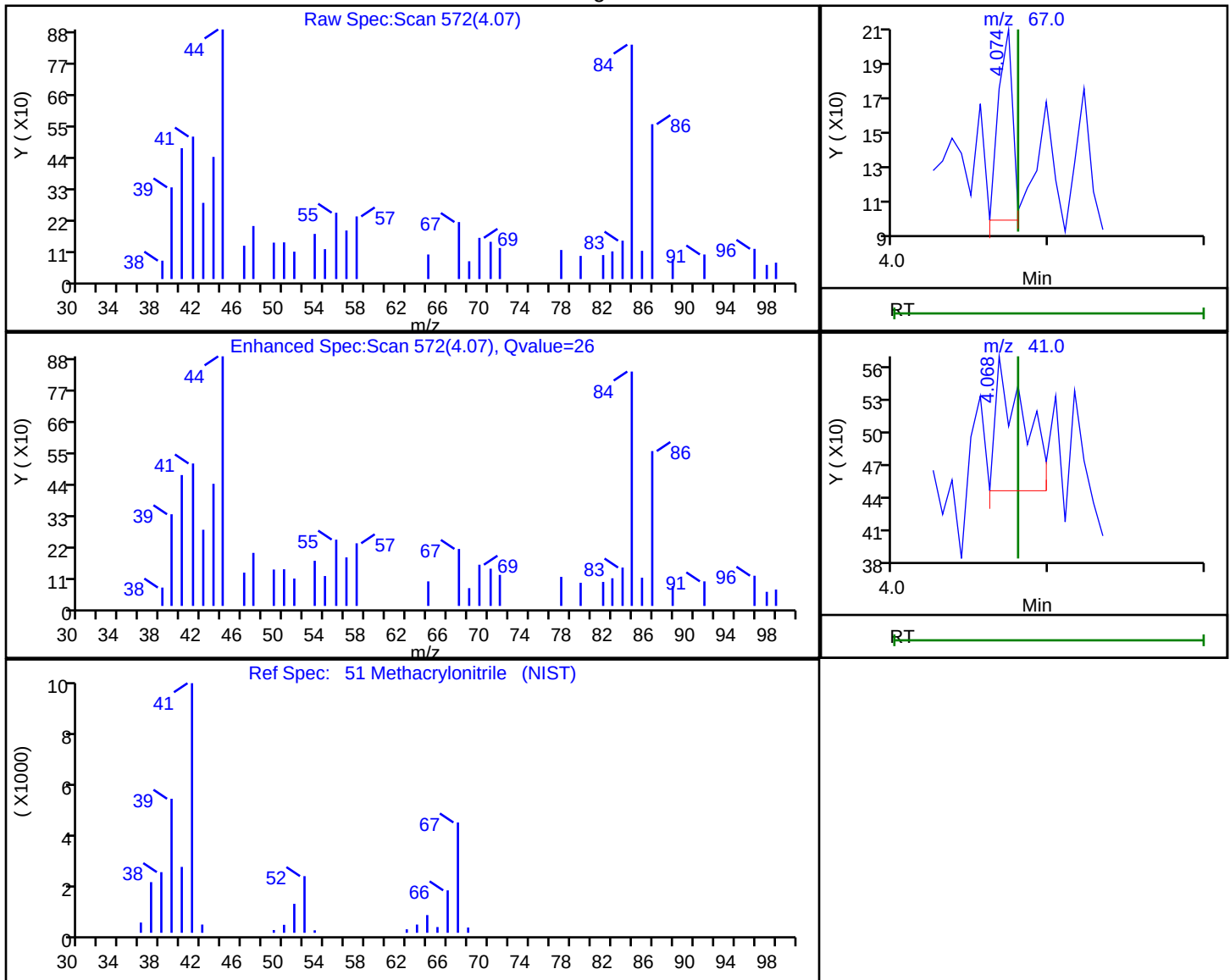
Column: DB-624 (0.18 mm)

Detector

MS Quad

51 Methacrylonitrile, CAS: 126-98-7

Processing Results



RT	Mass	Response	Amount
4.07	67.00	64	0.060225
4.07	41.00	156	

Reviewer: baronm, 27-Apr-2020 17:17:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

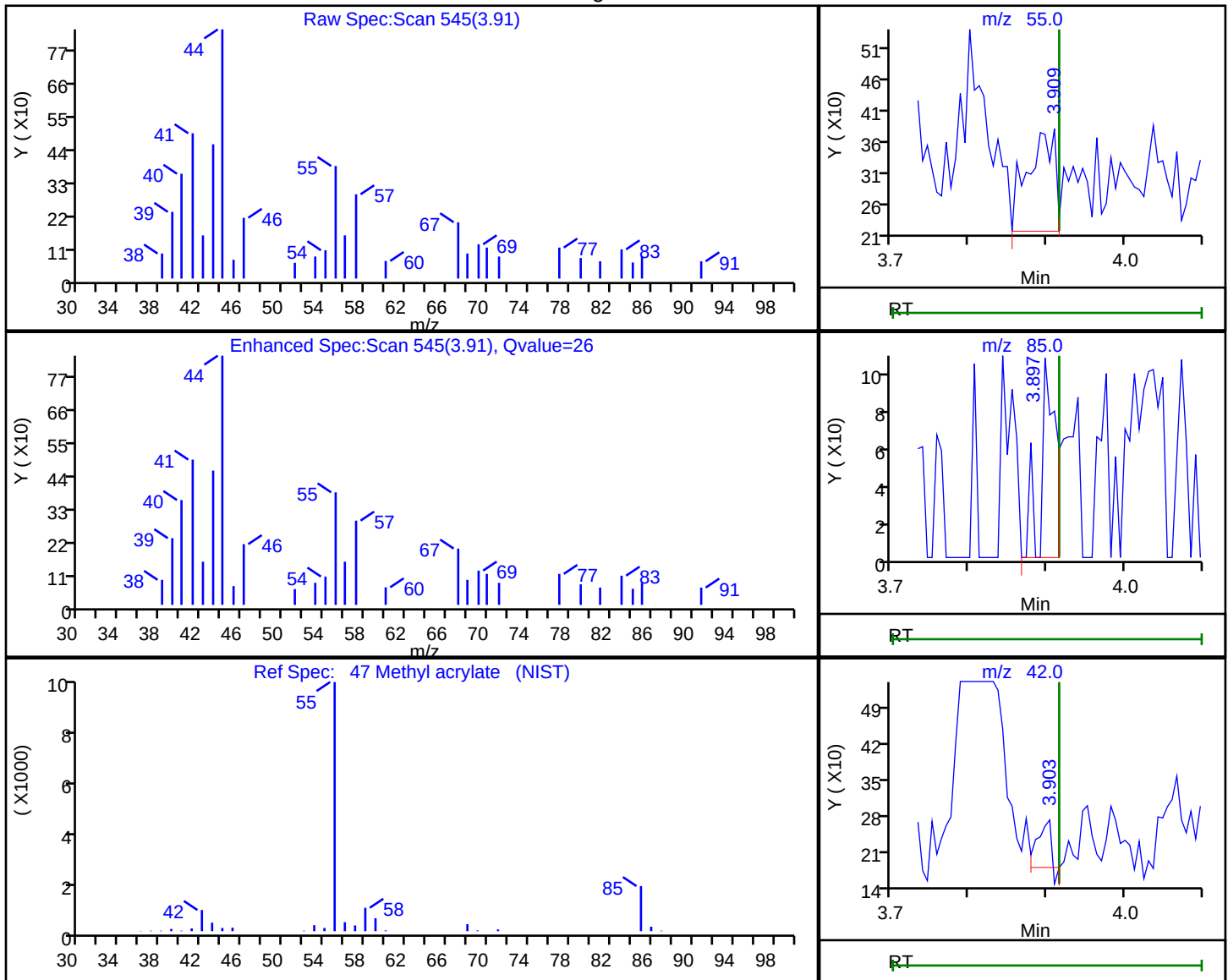
Column: DB-624 (0.18 mm)

Detector

MS Quad

47 Methyl acrylate, CAS: 96-33-3

Processing Results



RT	Mass	Response	Amount
3.91	55.00	385	0.158684
3.90	85.00	132	
3.90	42.00	103	

Reviewer: baronm, 27-Apr-2020 17:17:01

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

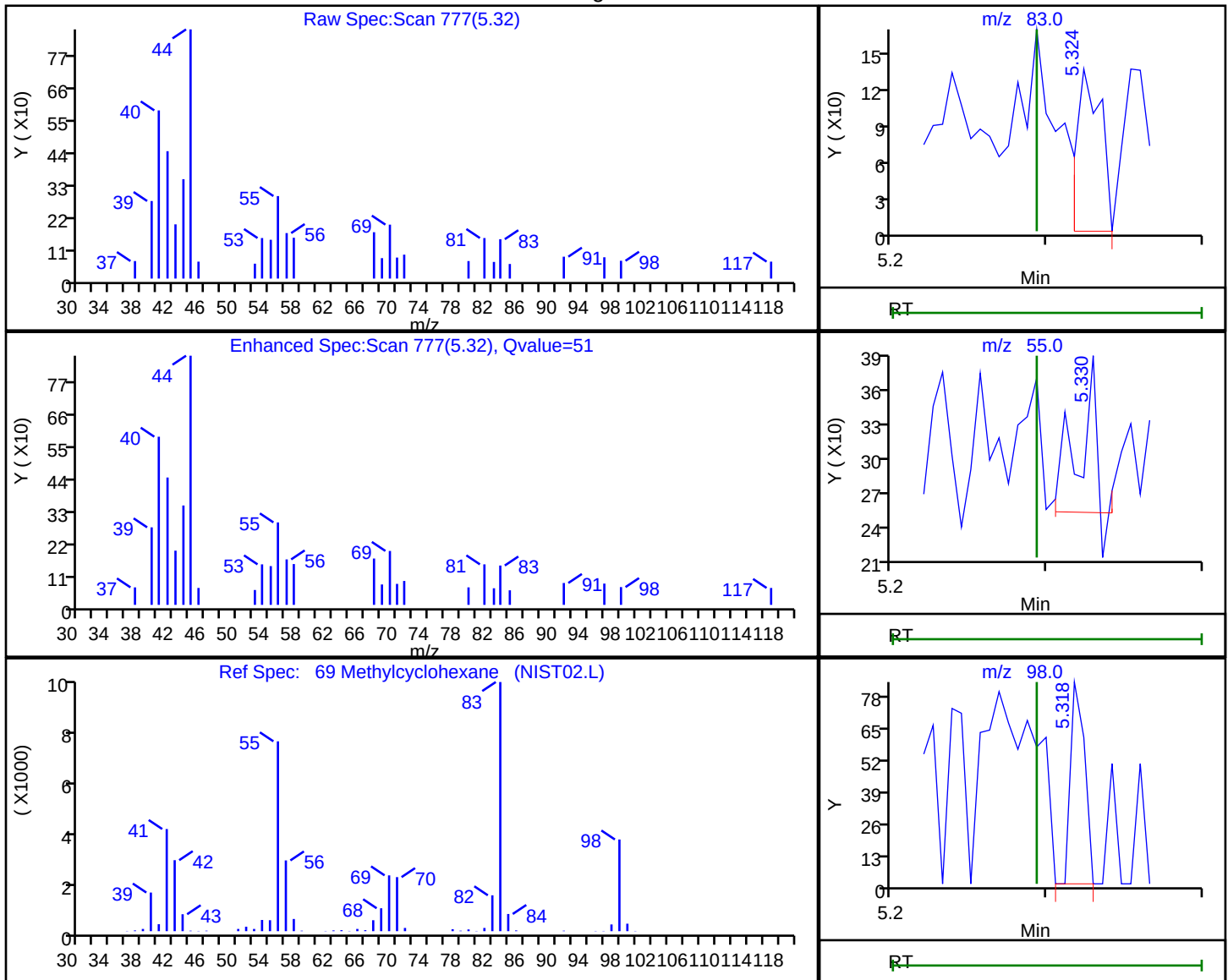
Column: DB-624 (0.18 mm)

Detector

MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Processing Results



RT	Mass	Response	Amount
5.32	83.00	148	0.030729
5.33	55.00	100	
5.32	98.00	53	

Reviewer: baronm, 27-Apr-2020 17:17:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

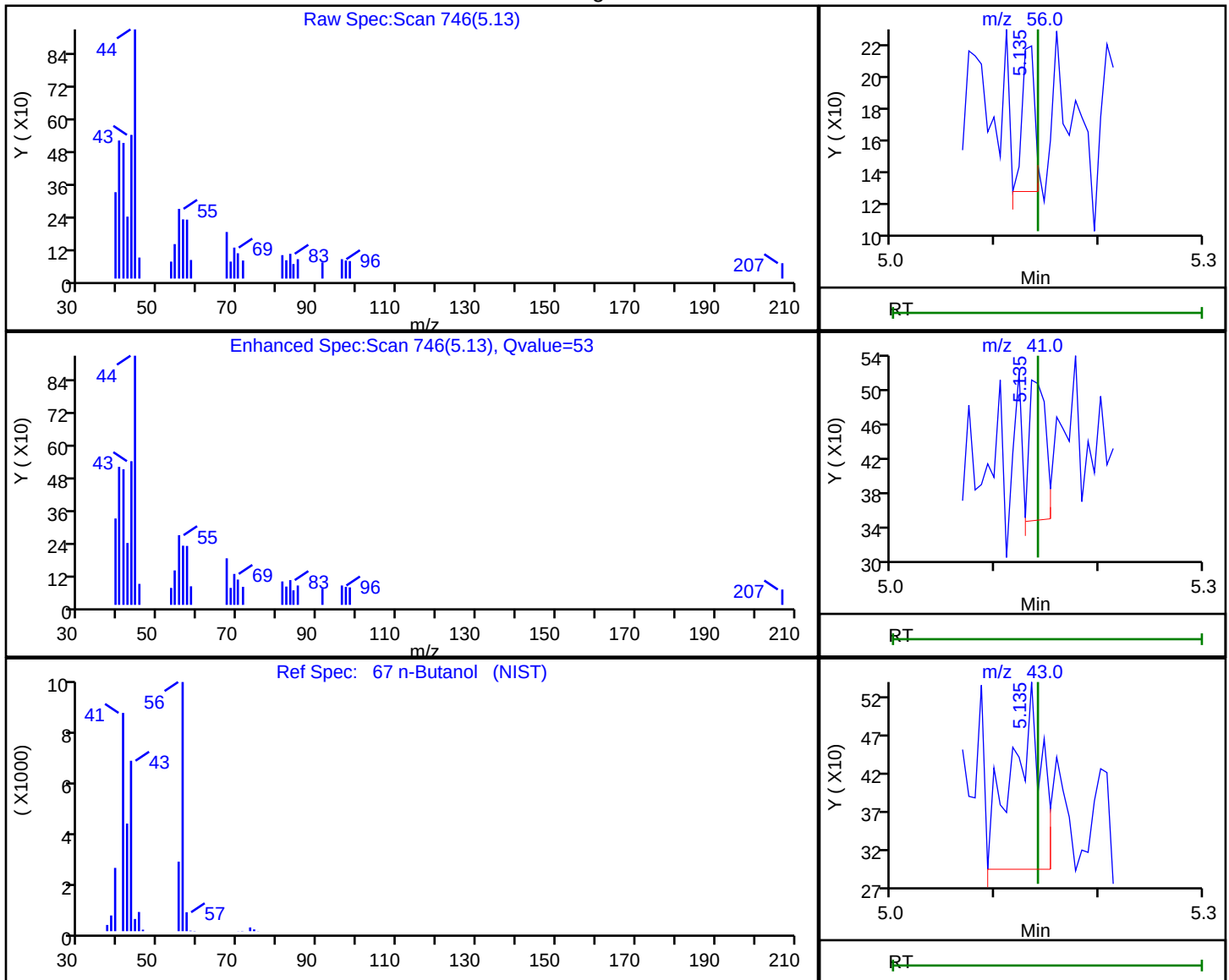
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
5.13	56.00	75	1.889628
5.13	41.00	174	
5.13	43.00	476	

Reviewer: baronm, 27-Apr-2020 17:17:12

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

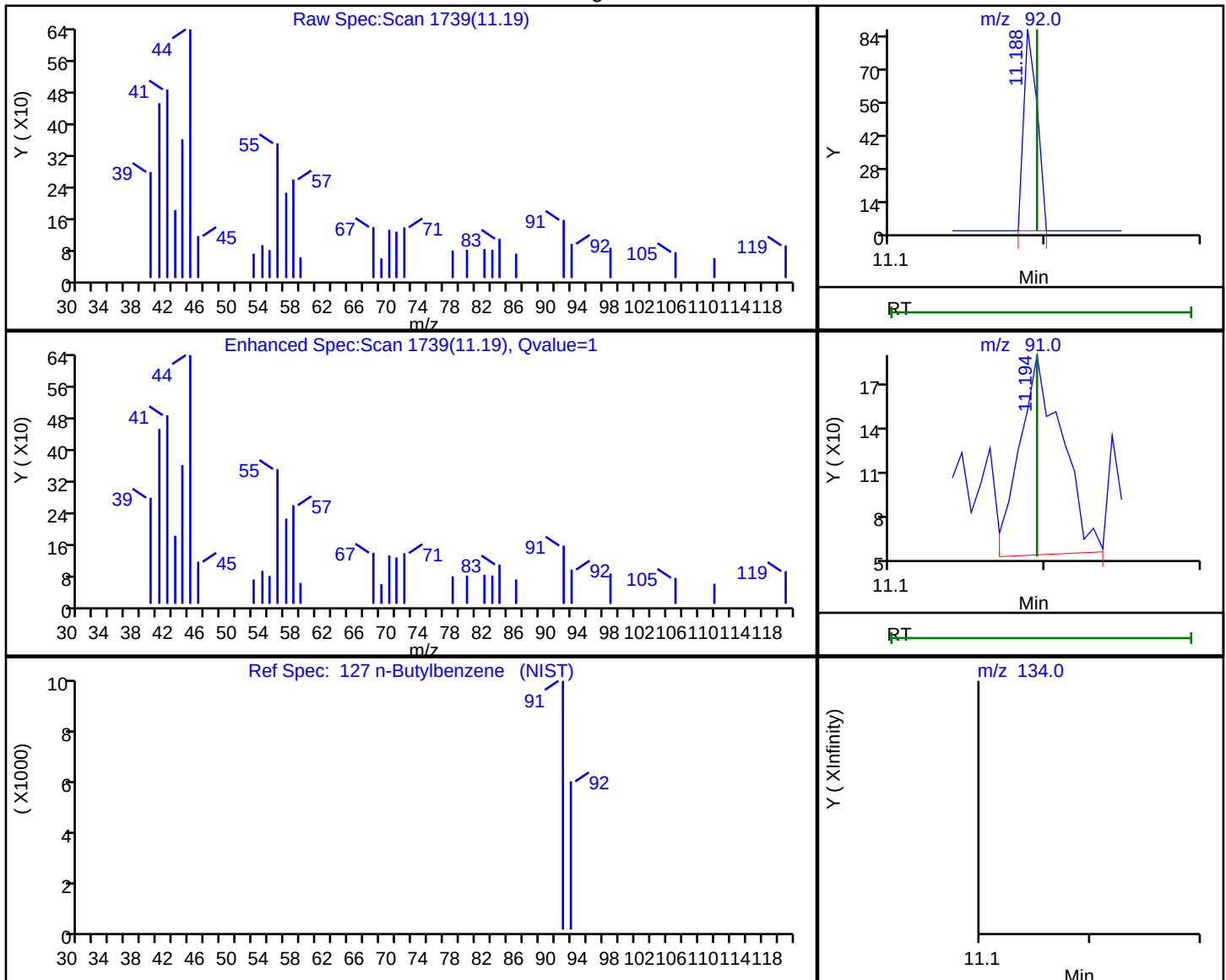
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.19	92.00	52	0.009404
11.19	91.00	242	
11.19	134.00	0	

Reviewer: baronm, 27-Apr-2020 17:17:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

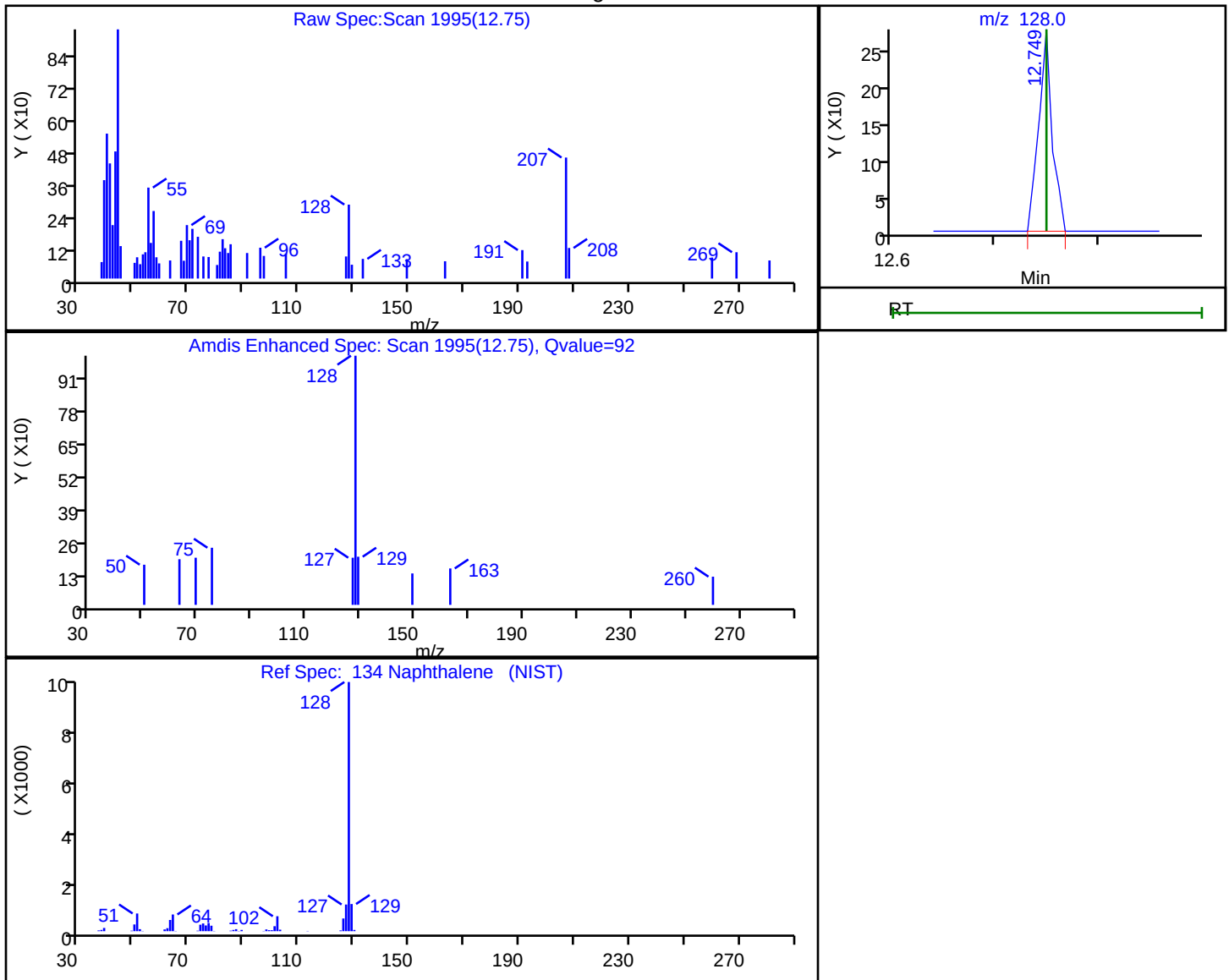
Column: DB-624 (0.18 mm)

Detector

MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.75	128.00	253	0.026061

Reviewer: baronm, 27-Apr-2020 17:17:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

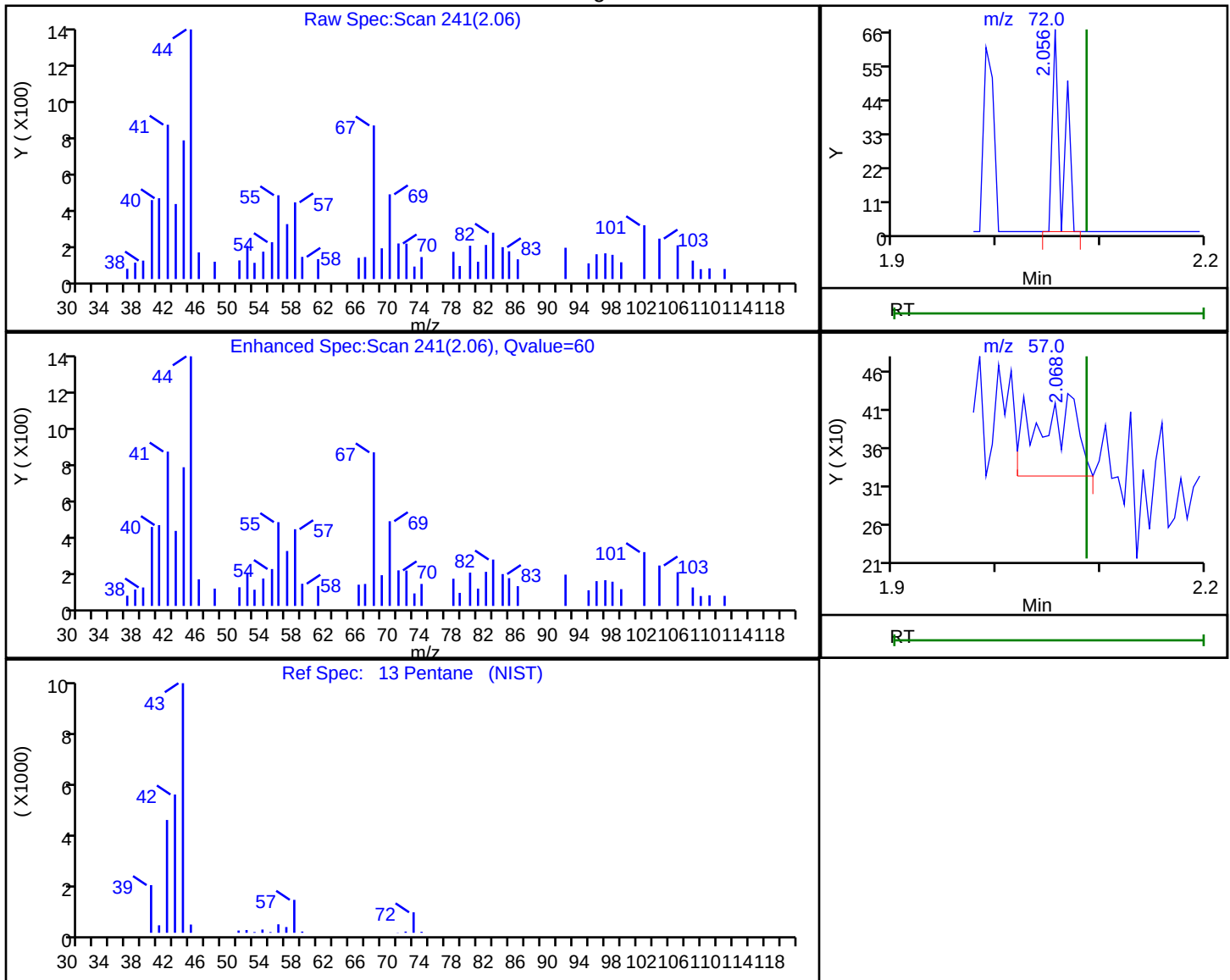
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

13 Pentane, CAS: 109-66-0

Processing Results



RT	Mass	Response	Amount
2.06	72.00	43	0.086798
2.07	57.00	268	

Reviewer: baronm, 27-Apr-2020 17:16:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

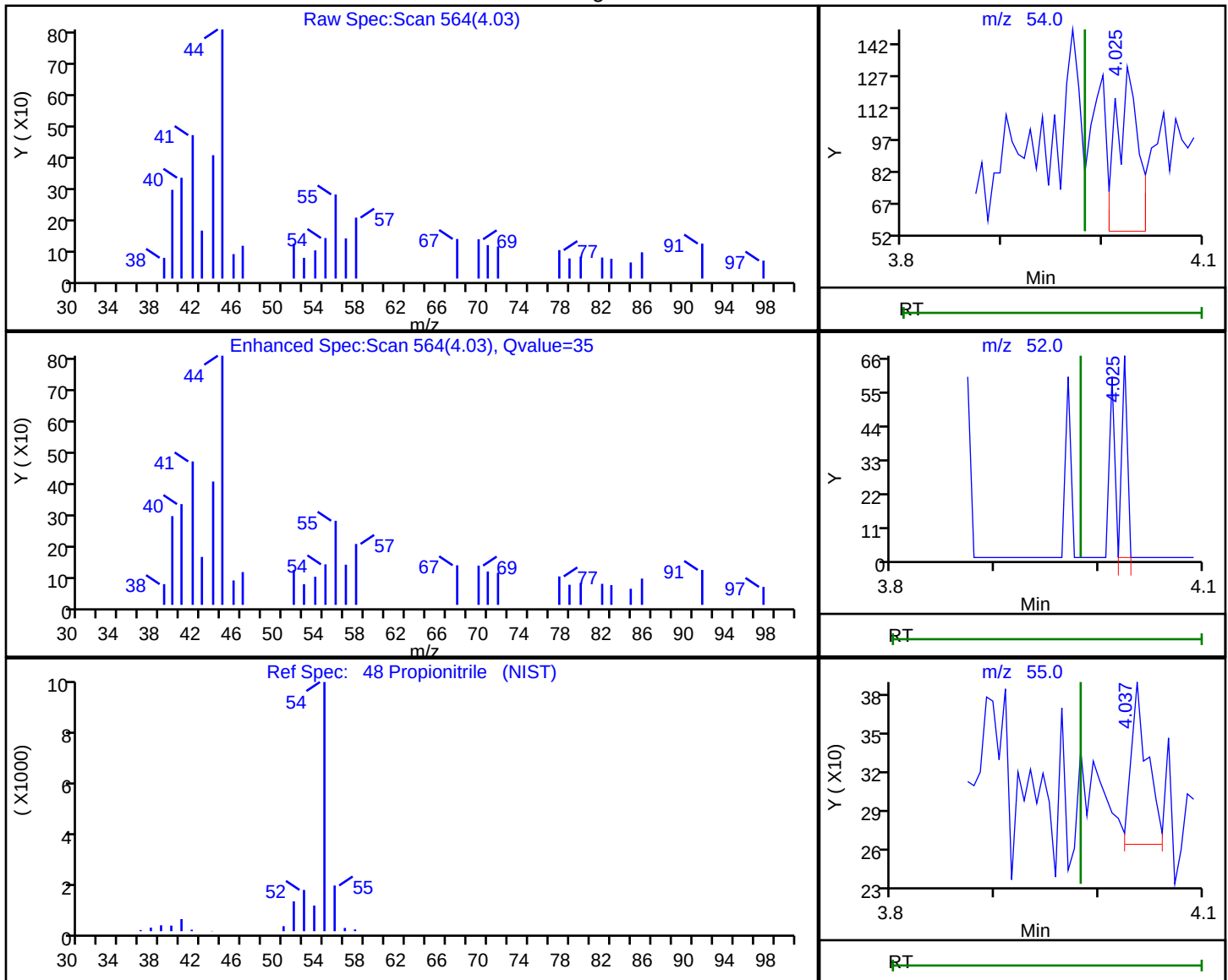
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.03	54.00	118	0.296392
4.03	52.00	25	
4.04	55.00	130	

Reviewer: baronm, 27-Apr-2020 17:17:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

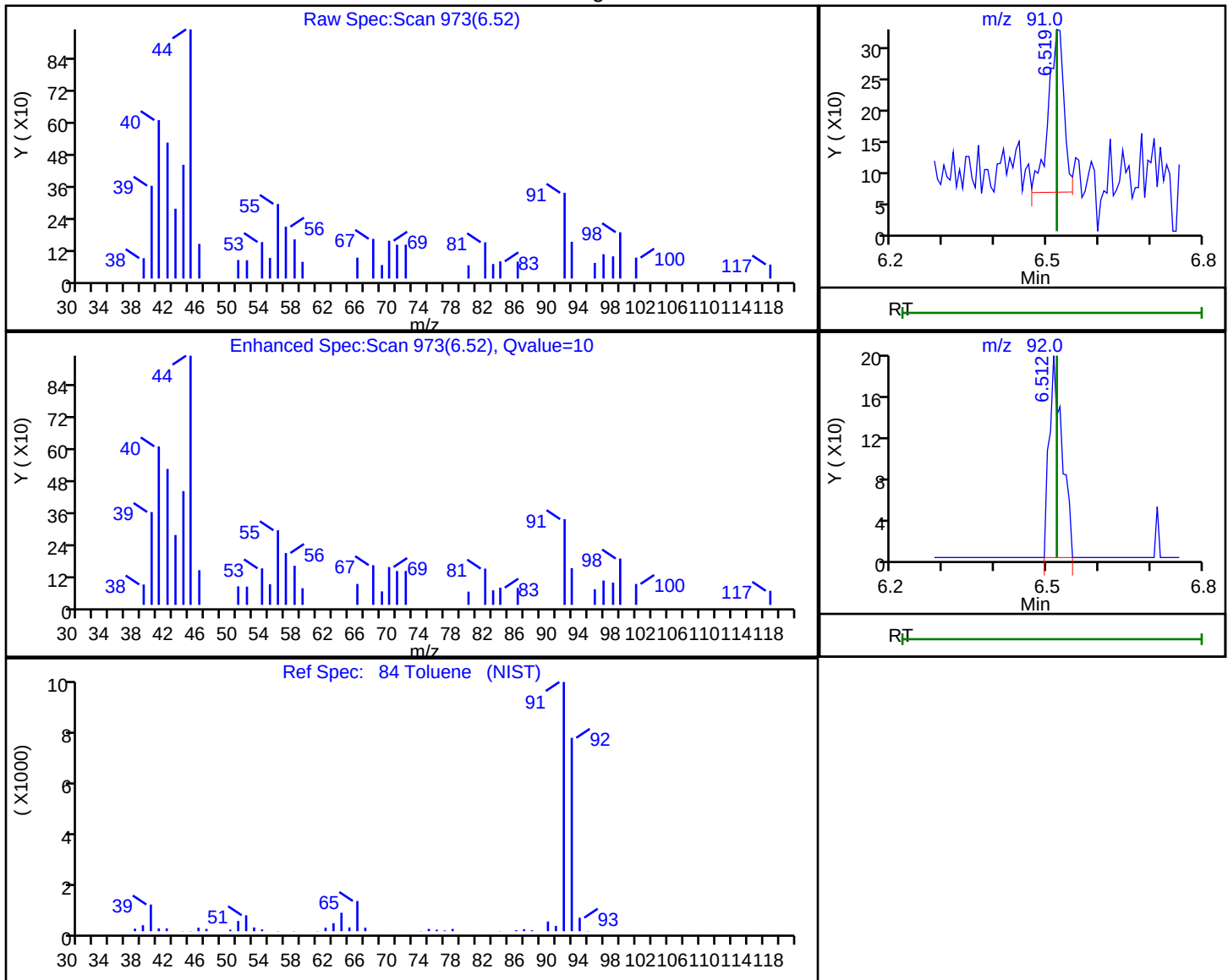
Column: DB-624 (0.18 mm)

Detector

MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.52	91.00	549	0.057096
6.51	92.00	341	

Reviewer: baronm, 27-Apr-2020 17:17:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

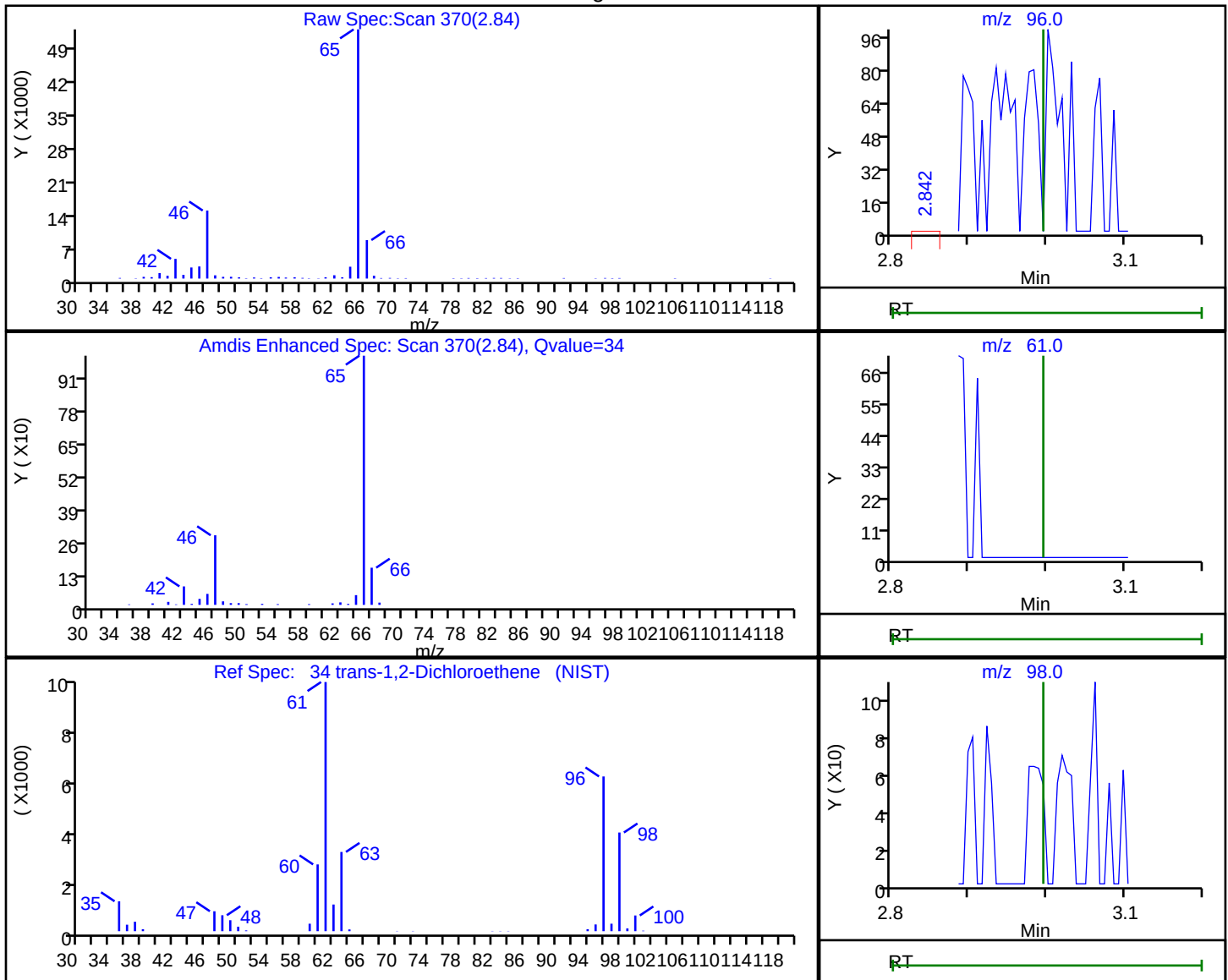
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.84	96.00	112	0.040160
2.83	61.00	1318	
2.84	98.00	207	

Reviewer: baronm, 27-Apr-2020 17:16:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

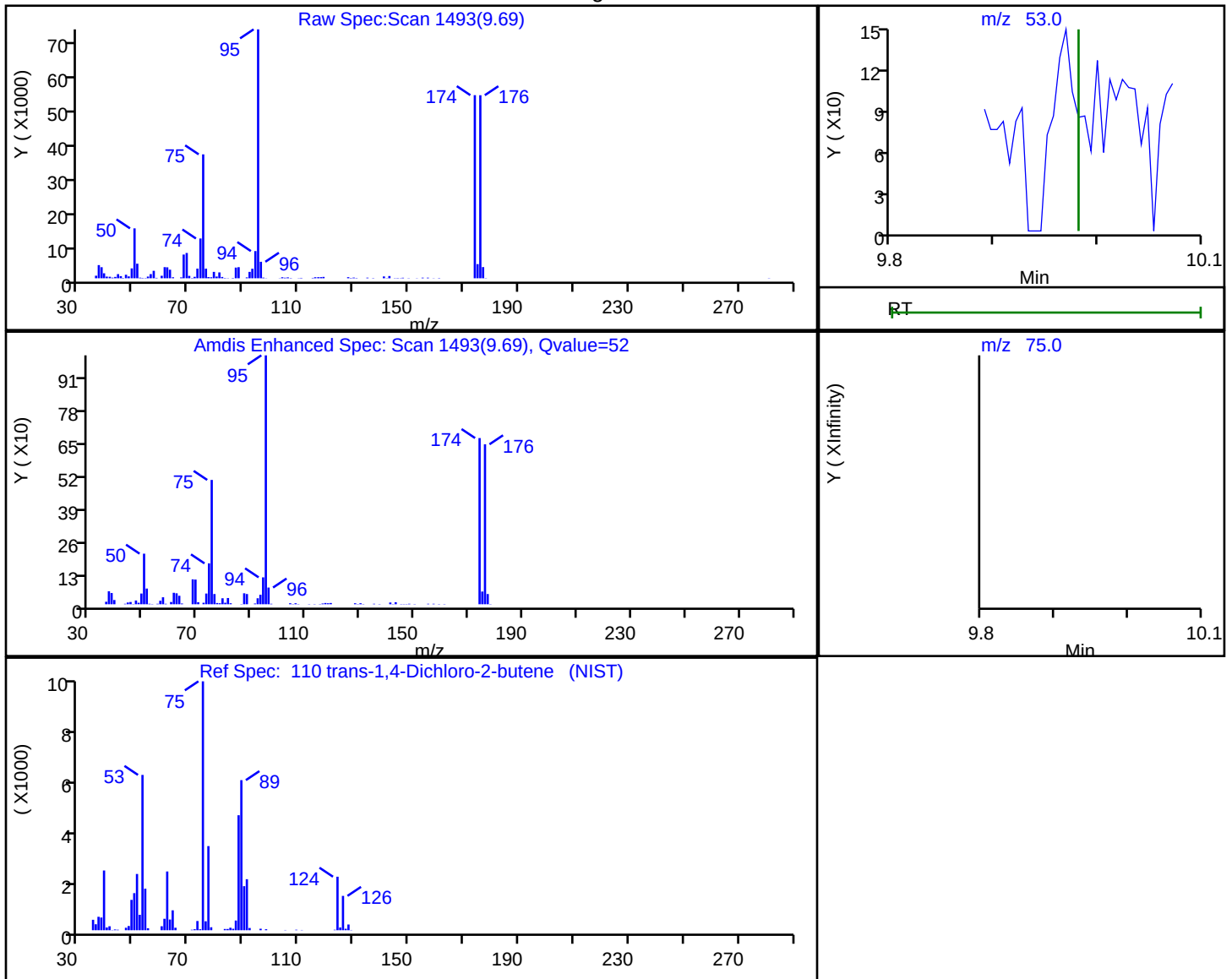
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.69	53.00	72	0.083335
9.68	75.00	68217	

Reviewer: baronm, 27-Apr-2020 17:17:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

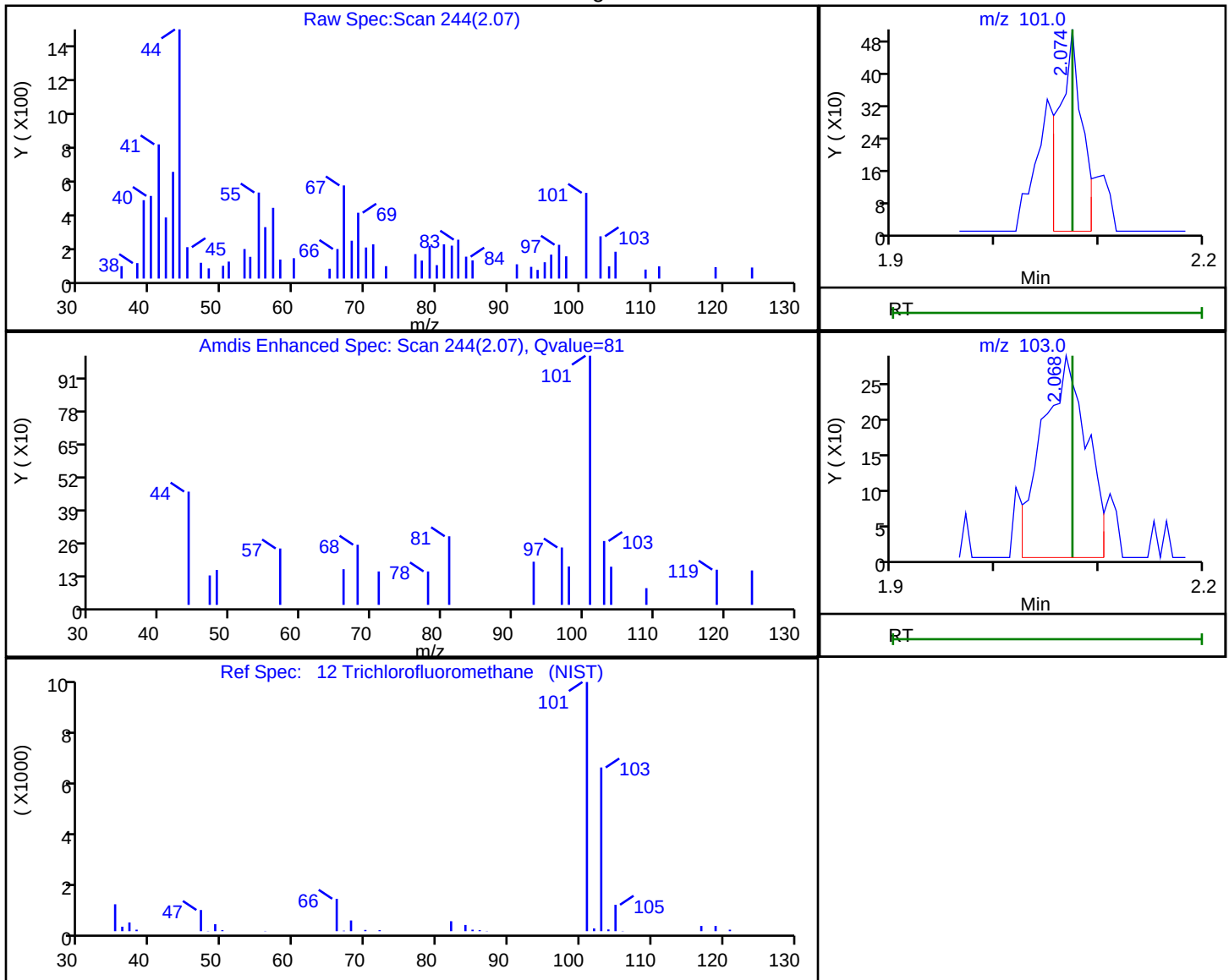
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.07	101.00	780	0.188562
2.07	103.00	874	

Reviewer: baronm, 27-Apr-2020 17:16:33

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123404.D

Injection Date: 27-Apr-2020 12:20:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

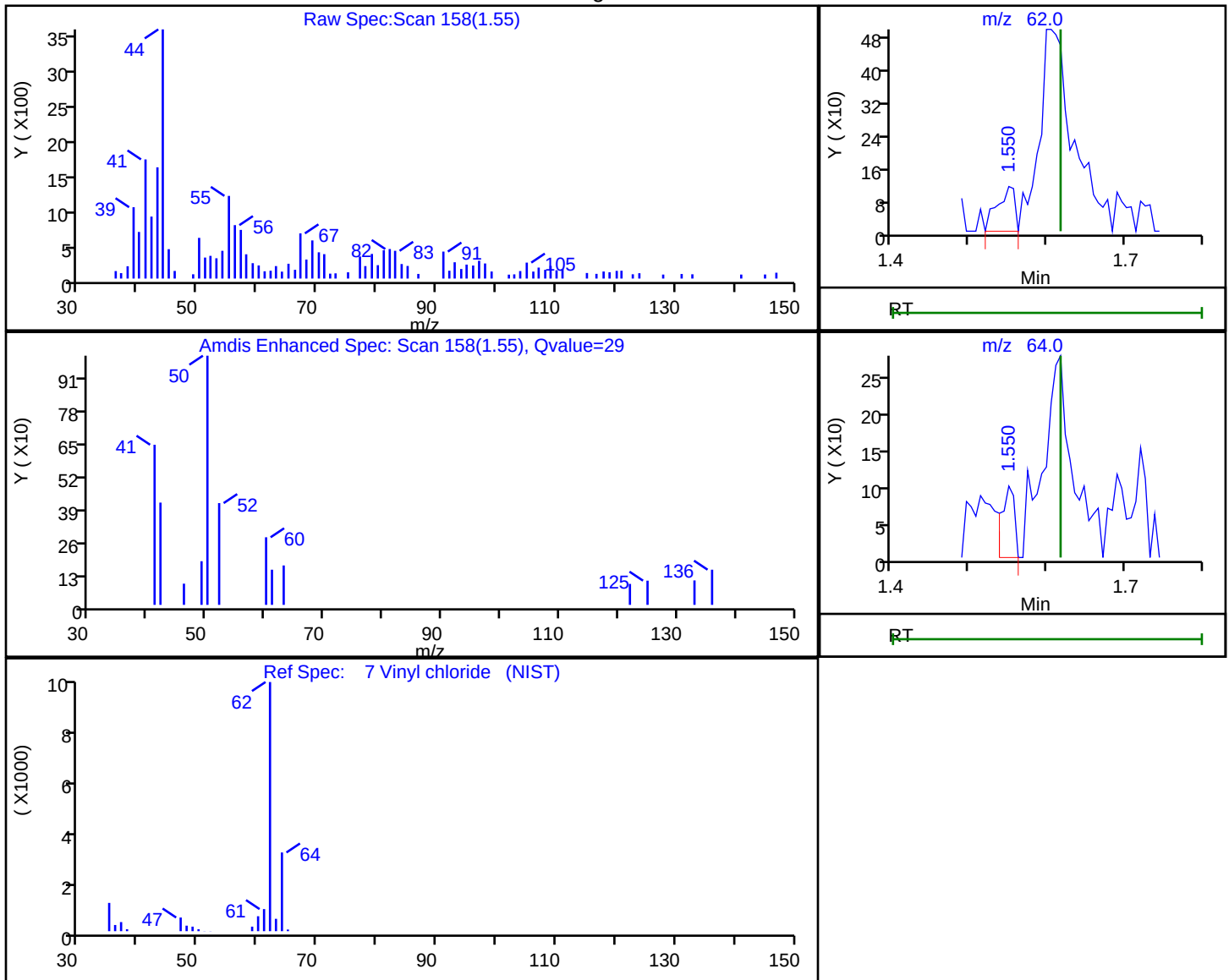
Column: DB-624 (0.18 mm)

Detector

MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.55	62.00	171	0.033299
1.55	64.00	111	

Reviewer: baronm, 27-Apr-2020 17:16:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 27-Apr-2020 12:41:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0109187-003
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:34:07 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:24:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	51	1.355	1.367	-0.012	96	1643	0.5000	0.4163	
3 Chlorotrifluoroethene	116	1.361	1.367	-0.006	54	583	0.5000	0.4795	
4 Dichlorodifluoromethane	85	1.386	1.392	-0.006	42	1451	0.5000	0.3804	
5 Chlorodifluoromethane	51	1.398	1.410	-0.012	98	2272	0.5000	0.4660	a
6 Chloromethane	50	1.532	1.538	-0.006	96	2436	0.5000	0.5158	
7 Vinyl chloride	62	1.605	1.617	-0.012	92	2398	0.5000	0.5458	
8 Butadiene	54	1.611	1.617	-0.006	90	2348	0.5000	0.6358	
9 Bromomethane	94	1.843	1.855	-0.012	92	1222	0.5000	0.5492	
10 Chloroethane	64	1.904	1.910	-0.006	96	1493	0.5000	0.6597	
11 Dichlorofluoromethane	67	2.056	2.068	-0.012	54	3033	0.5000	0.4927	M
12 Trichlorofluoromethane	101	2.068	2.074	-0.006	46	2091	0.5000	0.5047	
13 Pentane	72	2.087	2.086	0.001	97	617	1.00	1.29	
14 Ethanol	46	2.209	2.245	-0.036	75	356	20.0	18.6	M
15 Ethyl ether	74	2.245	2.257	-0.012	94	916	0.5000	0.5761	
16 2-Methyl-1,3-butadiene	53	2.269	2.275	-0.006	91	1755	0.5000	0.6375	
17 1,2-Dichloro-1,1,2-trifluo	117	2.300	2.306	-0.006	70	1155	0.5000	0.5163	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.349	2.355	-0.006	28	1608	0.5000	0.4171	a
19 Acrolein	56	2.404	2.410	-0.006	63	823	2.00	2.57	
20 1,1,2-Trichloro-1,2,2-trif	101	2.422	2.428	-0.006	45	1211	0.5000	0.5011	
21 1,1-Dichloroethene	96	2.428	2.440	-0.012	96	1519	0.5000	0.5904	
22 Acetone	43	2.513	2.519	-0.006	85	2204	2.50	2.48	
23 Iodomethane	142	2.562	2.574	-0.012	99	2146	0.5000	0.4983	
25 Isopropyl alcohol	45	2.587	2.599	-0.013	31	1288	5.00	5.96	
24 Carbon disulfide	76	2.593	2.605	-0.012	100	5427	0.5000	0.5032	
26 3-Chloro-1-propene	76	2.708	2.714	-0.006	89	822	0.5000	0.4802	
27 Methyl acetate	43	2.715	2.727	-0.012	74	2441	1.00	1.09	a
28 Cyclopentene	67	2.727	2.733	-0.006	91	3909	0.5000	0.5691	
29 Acetonitrile	40	2.830	2.781	0.049	75	2412	5.00	10.7	Ma
30 Methylene Chloride	84	2.824	2.830	-0.006	30	1788	0.5000	0.5721	
* 31 TBA-d9 (IS)	66	2.818	2.836	-0.018	100	41057	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.891	2.897	-0.006	91	2399	5.00	5.37	a
33 Methyl tert-butyl ether	73	2.977	2.983	-0.006	96	3553	0.5000	0.5059	
34 trans-1,2-Dichloroethene	96	3.001	2.995	0.006	96	1522	0.5000	0.5644	
35 Acrylonitrile	53	3.062	3.068	-0.006	95	5160	5.00	4.82	
36 Hexane	57	3.129	3.141	-0.012	94	1913	0.5000	0.5411	
37 Isopropyl ether	45	3.336	3.336	0.000	87	5607	0.5000	0.5561	
38 1,1-Dichloroethane	63	3.355	3.361	-0.006	97	2722	0.5000	0.5344	
39 Vinyl acetate	86	3.367	3.379	-0.012	100	427	1.00	1.25	
40 2-Chloro-1,3-butadiene	88	3.397	3.397	0.000	94	1153	0.5000	0.5164	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	88	4593	0.5000	0.5297	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	100	266665	250.0	250.0	
43 2,2-Dichloropropane	97	3.818	3.824	-0.006	45	745	0.5000	0.5209	
44 cis-1,2-Dichloroethene	96	3.836	3.842	-0.006	91	1712	0.5000	0.5870	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	95	841	2.50	2.90	M
46 Ethyl acetate	70	3.836	3.867	-0.031	92	428	1.00	1.68	a
47 Methyl acrylate	55	3.909	3.915	-0.006	97	1253	0.5000	0.5338	
48 Propionitrile	54	3.989	3.982	0.007	96	2041	5.00	4.91	
49 Chlorobromomethane	128	4.044	4.050	-0.006	86	640	0.5000	0.5125	
50 Tetrahydrofuran	72	4.068	4.056	0.012	39	371	1.00	1.12	a
51 Methacrylonitrile	67	4.074	4.080	-0.006	95	5292	5.00	5.15	
52 Chloroform	83	4.098	4.104	-0.006	95	2592	0.5000	0.5812	
53 Cyclohexane	84	4.214	4.220	-0.006	91	2378	0.5000	0.5917	
54 1,1,1-Trichloroethane	97	4.233	4.239	-0.005	67	2101	0.5000	0.5342	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	100283	50.0	51.3	
56 Carbon tetrachloride	117	4.336	4.348	-0.012	96	1763	0.5000	0.5424	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	1832	0.5000	0.5318	
58 Isobutyl alcohol	43	4.513	4.507	0.006	92	2657	12.5	11.6	
59 Isooctane	57	4.531	4.537	-0.006	94	5539	0.5000	0.5582	
60 Benzene	78	4.556	4.562	-0.006	95	5444	0.5000	0.5731	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	123556	50.0	49.8	
62 Tert-amyl methyl ether	73	4.635	4.635	0.000	78	4478	0.5000	0.5626	
63 Isopropyl acetate	61	4.635	4.635	0.000	95	681	0.5000	0.5042	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	96	1997	0.5000	0.5849	
65 n-Heptane	100	4.708	4.714	-0.006	94	272	0.5000	0.4910	
* 66 Fluorobenzene	96	4.836	4.836	0.000	98	405129	50.0	50.0	
67 n-Butanol	56	5.153	5.141	0.012	74	809	12.5	10.3	
68 Trichloroethene	95	5.171	5.171	0.000	92	1486	0.5000	0.5702	
69 Methylcyclohexane	83	5.281	5.293	-0.012	90	2900	0.5000	0.6223	
70 Ethyl acrylate	99	5.305	5.305	0.000	92	144	0.5000	0.4332	
71 1,2-Dichloropropane	63	5.446	5.452	-0.006	94	1461	0.5000	0.5317	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	92	22862	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	91	555	1.00	0.9669	
75 1,4-Dioxane	88	5.568	5.568	0.000	66	677	25.0	23.9	
74 Dibromomethane	93	5.568	5.574	-0.006	90	858	0.5000	0.5706	
76 n-Propyl acetate	43	5.598	5.598	0.000	95	2166	0.5000	0.5873	
77 Dichlorobromomethane	83	5.714	5.720	-0.006	96	1630	0.5000	0.5032	
78 2-Nitropropane	41	6.055	6.055	0.000	89	1147	1.00	1.08	M
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	84	876	0.5012	0.5211	
80 Epichlorohydrin	57	6.153	6.159	-0.006	98	2917	10.0	10.8	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	96	2042	0.5000	0.5377	
82 4-Methyl-2-pentanone (MIBK	43	6.385	6.378	0.007	96	6850	2.50	2.62	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.445	-0.006	98	363915	50.0	52.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.513	6.519	-0.006	92	5153	0.5000	0.5563	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	94	1717	0.5000	0.5086	
86 Ethyl methacrylate	69	6.909	6.909	0.000	94	1458	0.5000	0.4951	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	92	950	0.5000	0.5456	
88 Tetrachloroethene	166	7.104	7.104	0.000	91	961	0.5000	0.5207	
89 1,3-Dichloropropane	76	7.275	7.274	0.001	96	1641	0.5000	0.4967	
90 2-Hexanone	43	7.360	7.354	0.006	98	3695	2.50	2.30	
91 n-Butyl acetate	43	7.482	7.476	0.006	96	2253	0.5000	0.6055	
92 Chlorodibromomethane	129	7.494	7.500	-0.006	93	959	0.5000	0.5177	
93 Ethylene Dibromide	107	7.646	7.646	0.000	95	979	0.5000	0.5441	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	90	254482	50.0	50.0	
95 Chlorobenzene	112	8.220	8.219	0.001	95	2773	0.5000	0.5163	
96 Ethylbenzene	106	8.335	8.335	0.000	99	1660	0.5000	0.5577	
97 1,1,1,2-Tetrachloroethane	131	8.341	8.347	-0.006	40	1042	0.5000	0.5059	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	98	1828	0.5000	0.5043	
99 o-Xylene	106	9.006	9.006	0.000	91	1857	0.5000	0.4849	
100 n-Butyl acrylate	73	9.018	9.024	-0.006	95	1083	0.5000	0.6068	
101 Styrene	104	9.049	9.049	0.000	93	3164	0.5000	0.5248	
102 Bromoform	173	9.293	9.292	0.000	90	538	0.5000	0.4872	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	93	2469	0.5000	0.5273	
104 Isopropylbenzene	105	9.457	9.457	0.000	96	5543	0.5000	0.5349	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	89987	50.0	51.2	
106 Bromobenzene	156	9.829	9.829	0.000	90	1104	0.5000	0.4892	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	96	1348	0.5000	0.4926	
108 N-Propylbenzene	91	9.927	9.926	0.001	98	6365	0.5000	0.4853	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	93	321	0.5000	0.4534	
110 trans-1,4-Dichloro-2-buten	53	9.987	9.981	0.006	76	624	0.5000	0.6925	
111 2-Chlorotoluene	91	10.036	10.036	0.000	97	4532	0.5000	0.5028	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	5139	0.5000	0.5064	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	4461	0.5000	0.4911	
114 4-Chlorotoluene	91	10.164	10.164	0.000	98	3863	0.5000	0.4627	
115 Butyl Methacrylate	87	10.268	10.268	0.000	91	1428	0.5000	0.4434	
116 tert-Butylbenzene	119	10.451	10.451	0.000	89	3396	0.5000	0.4741	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	97	4577	0.5000	0.4911	
118 sec-Butylbenzene	105	10.670	10.670	0.000	99	5763	0.5000	0.4868	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	2126	0.5000	0.4986	
120 4-Isopropyltoluene	119	10.817	10.816	0.001	97	4698	0.5000	0.4913	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	98	127208	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	90	2061	0.5000	0.4892	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	4870	0.5000	0.5031	
124 Benzyl chloride	91	11.042	11.042	0.000	98	2669	0.5000	0.5409	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	93	4094	0.5000	0.4775	
126 p-Diethylbenzene	119	11.176	11.176	0.000	90	2432	0.5000	0.4837	
127 n-Butylbenzene	92	11.195	11.194	0.001	95	2709	0.5000	0.5011	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	2201	0.5000	0.5071	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	95	4487	0.5000	0.4550	
130 1,2-Dibromo-3-Chloropropan	157	11.926	11.932	-0.006	86	270	0.5000	0.5008	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	1890	0.5000	0.5162	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	92	1765	0.5000	0.4940	
133 Hexachlorobutadiene	225	12.646	12.645	0.001	80	597	0.5000	0.4192	
134 Naphthalene	128	12.749	12.749	0.000	99	4978	0.5000	0.5244	
135 1,2,3-Trichlorobenzene	180	12.932	12.926	0.006	94	1788	0.5000	0.5161	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.15	
S 137 Xylenes, Total	100				0		1.00	0.9892	
S 138 Total 1,2-dichloroethene	1				0			1.15	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.05	
S 140 Total BTEX	1				0		2.50	2.68	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00117	Amount Added: 5.00	Units: uL	
GASES Li_00365	Amount Added: 5.00	Units: uL	
ACROLEIN W_00106	Amount Added: 2.00	Units: uL	
524freon_00021	Amount Added: 5.00	Units: uL	
14DIOXINTER_00114	Amount Added: 15.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

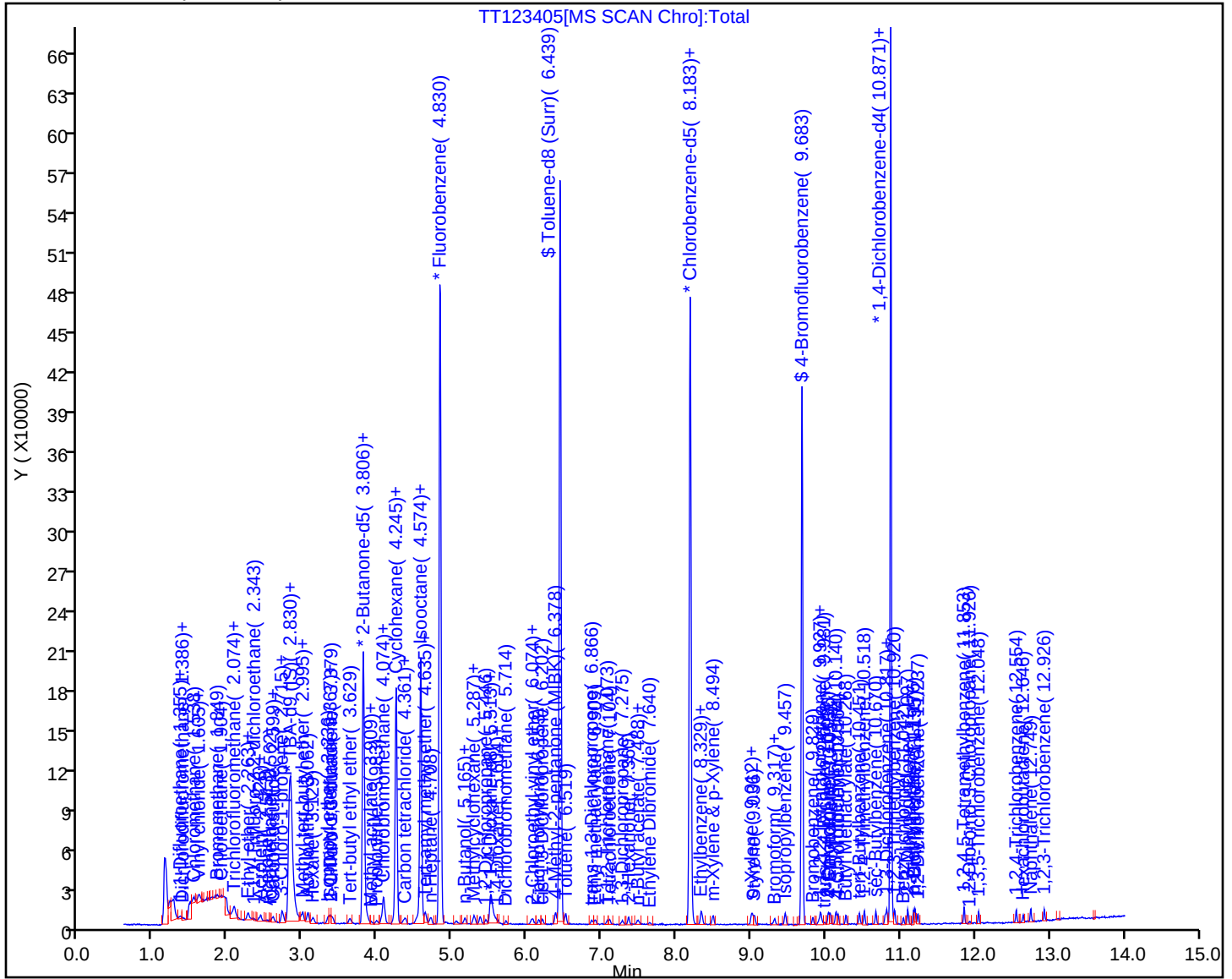
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

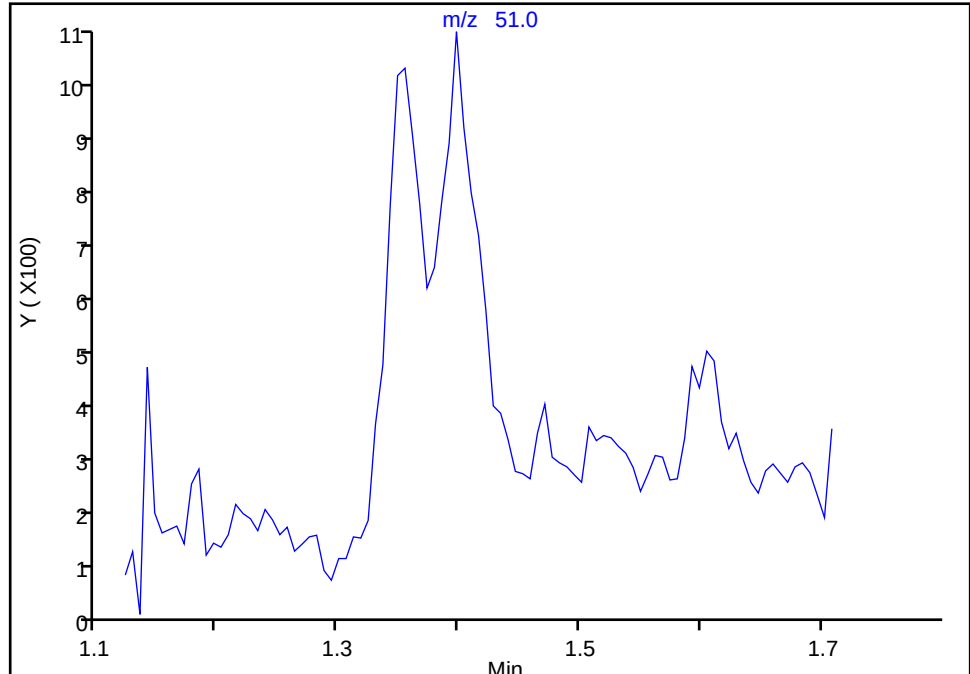
5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

Not Detected

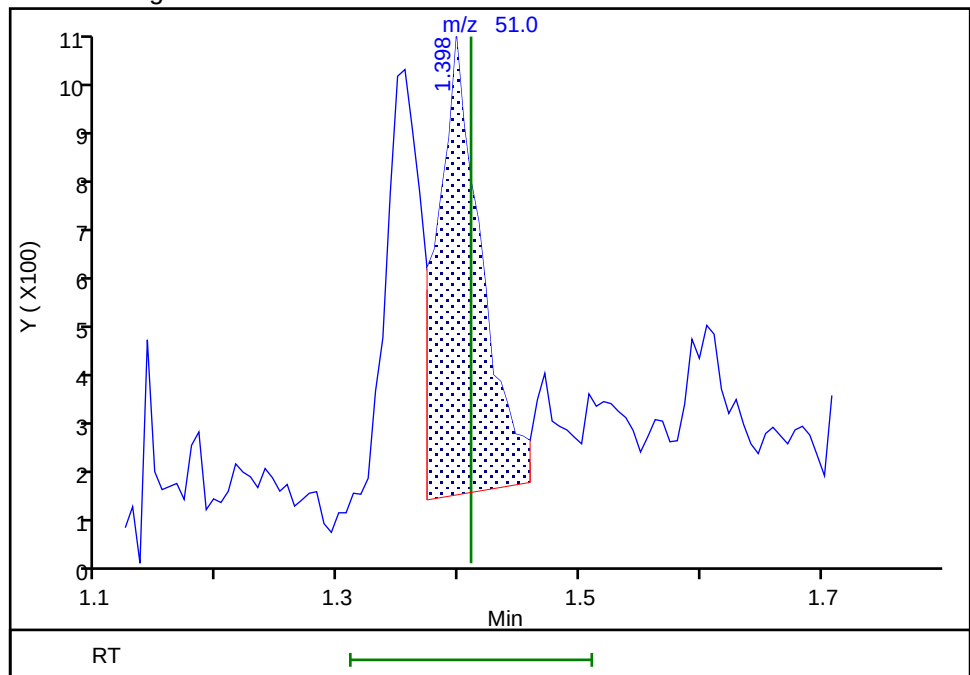
Expected RT: 1.41

Processing Integration Results



Manual Integration Results

RT: 1.40
Area: 2272
Amount: 0.466003
Amount Units: ug/l



Reviewer: baronm, 27-Apr-2020 17:22:02

Audit Action: Assigned Compound ID

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

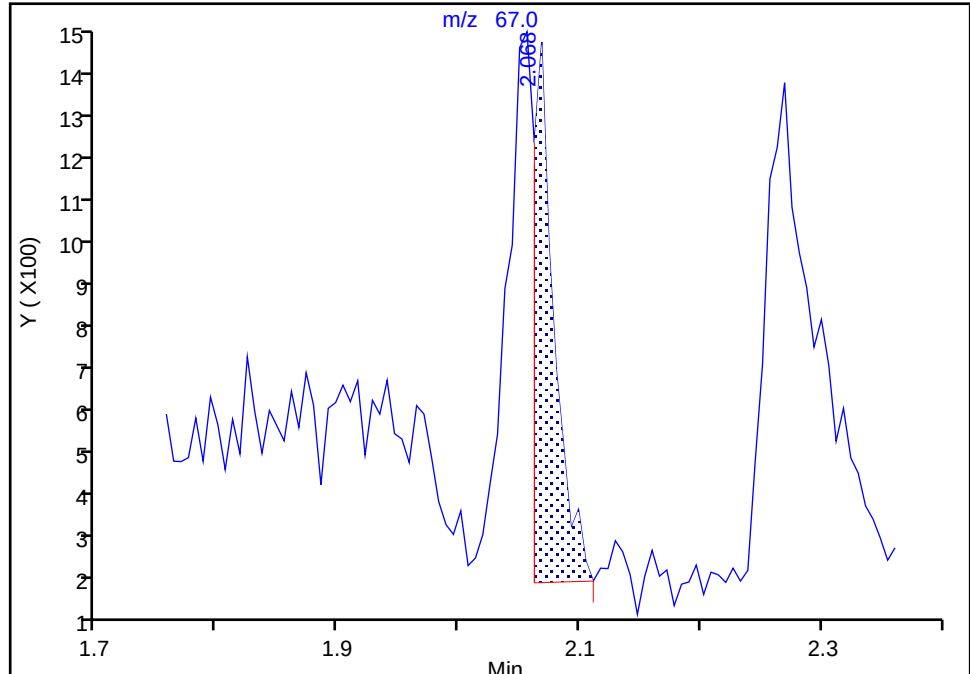
MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

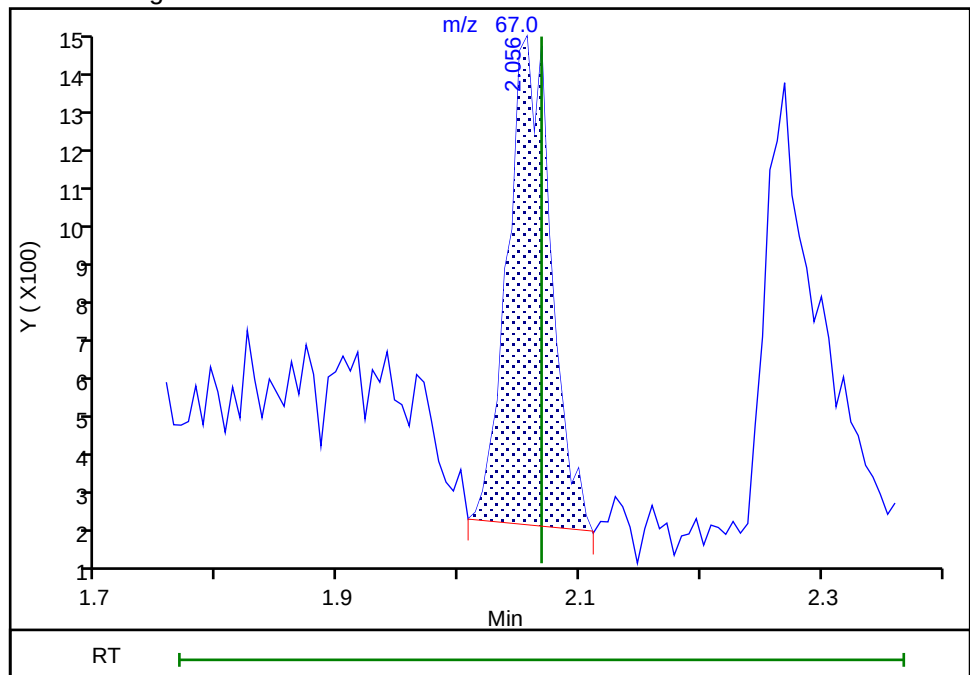
RT: 2.07
Area: 1489
Amount: 0.212263
Amount Units: ug/l

Processing Integration Results



RT: 2.06
Area: 3033
Amount: 0.492667
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:22:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

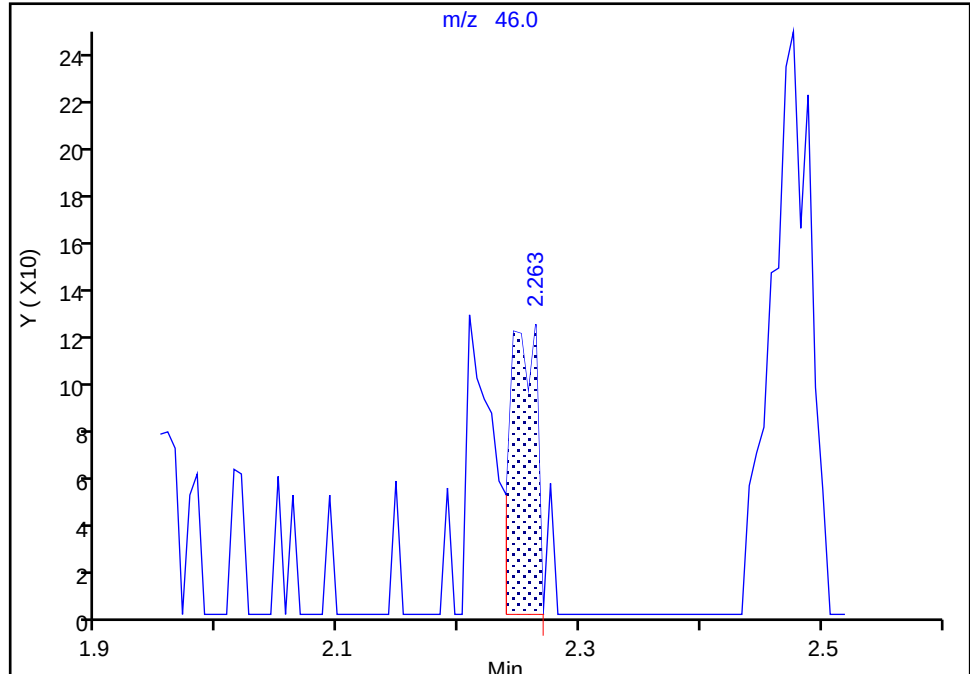
Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

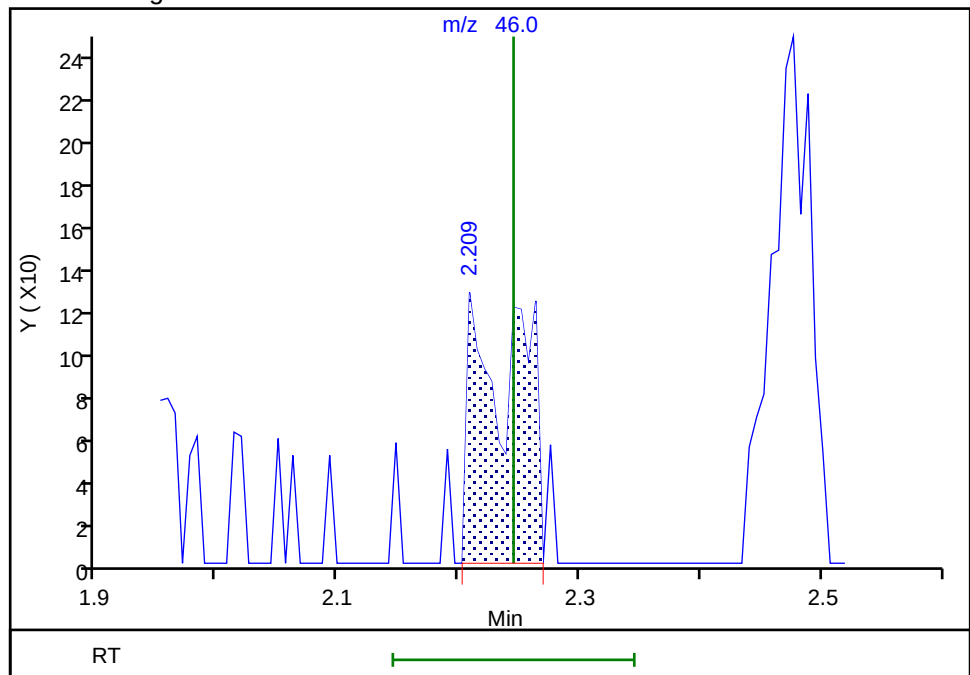
RT: 2.26
Area: 187
Amount: 9.430185
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 356
Amount: 18.554475
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:53:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

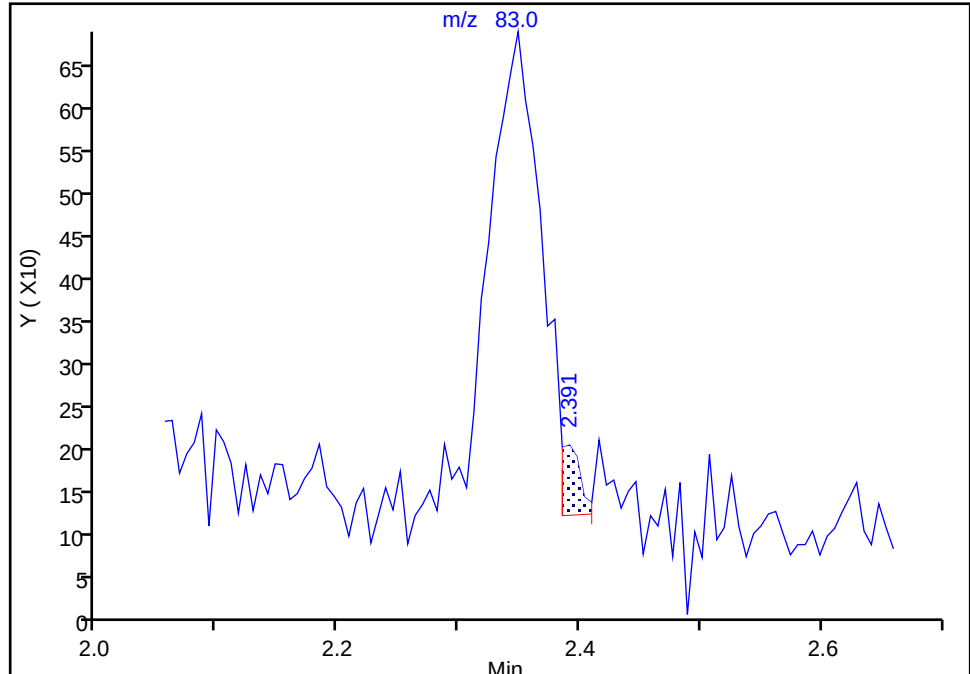
MS Quad

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

Signal: 1

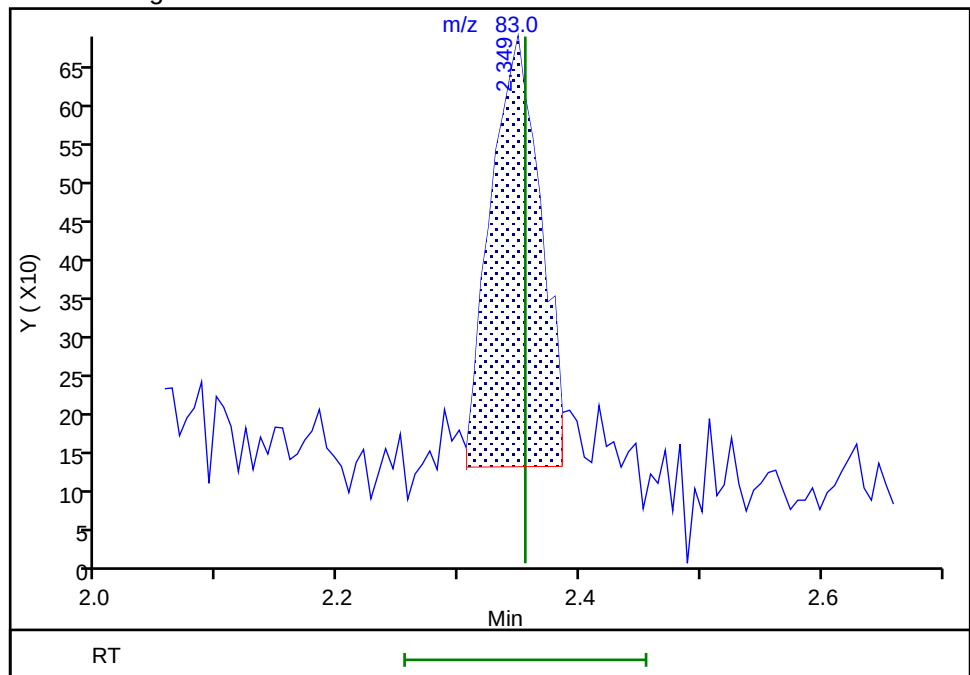
RT: 2.39
Area: 97
Amount: 0.500000
Amount Units: ug/l

Processing Integration Results



RT: 2.35
Area: 1608
Amount: 0.417063
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:22:48

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

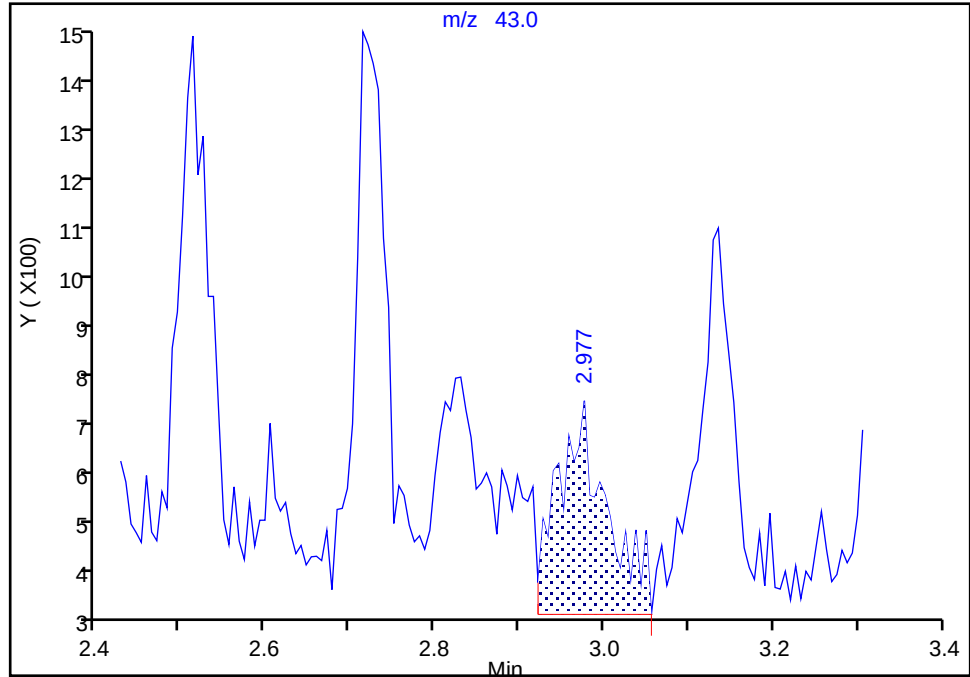
Detector MS Quad

27 Methyl acetate, CAS: 79-20-9

Signal: 1

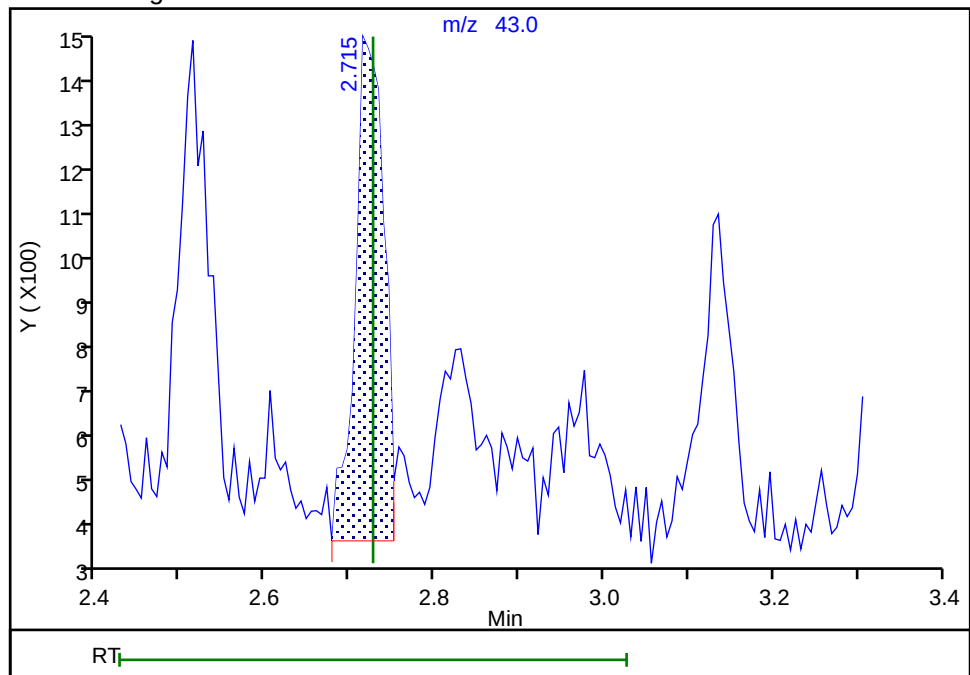
RT: 2.98
Area: 1564
Amount: 0.742005
Amount Units: ug/l

Processing Integration Results



RT: 2.71
Area: 2441
Amount: 1.093104
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:22:59

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

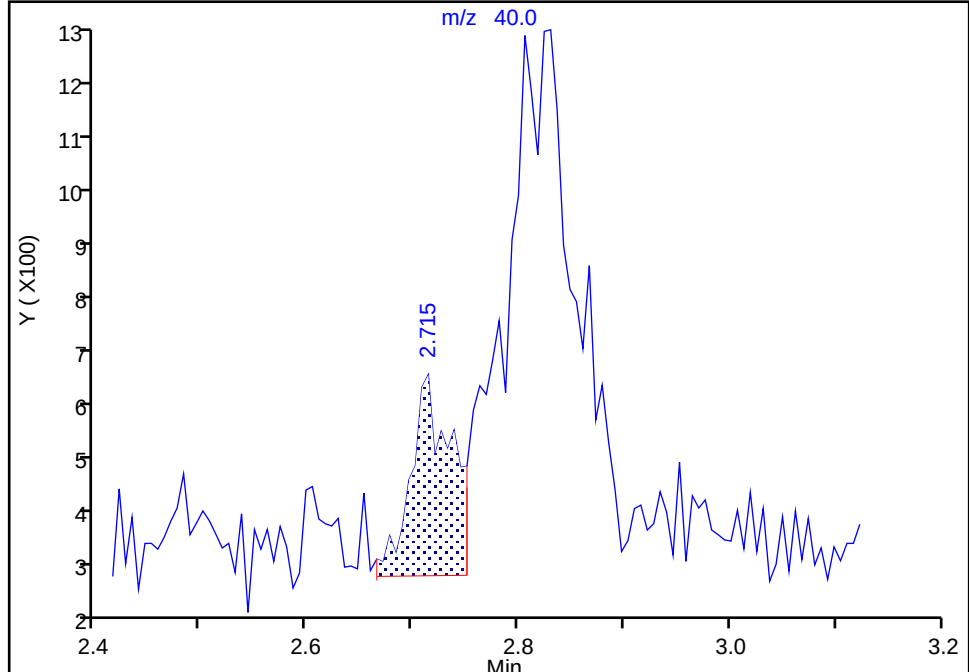
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

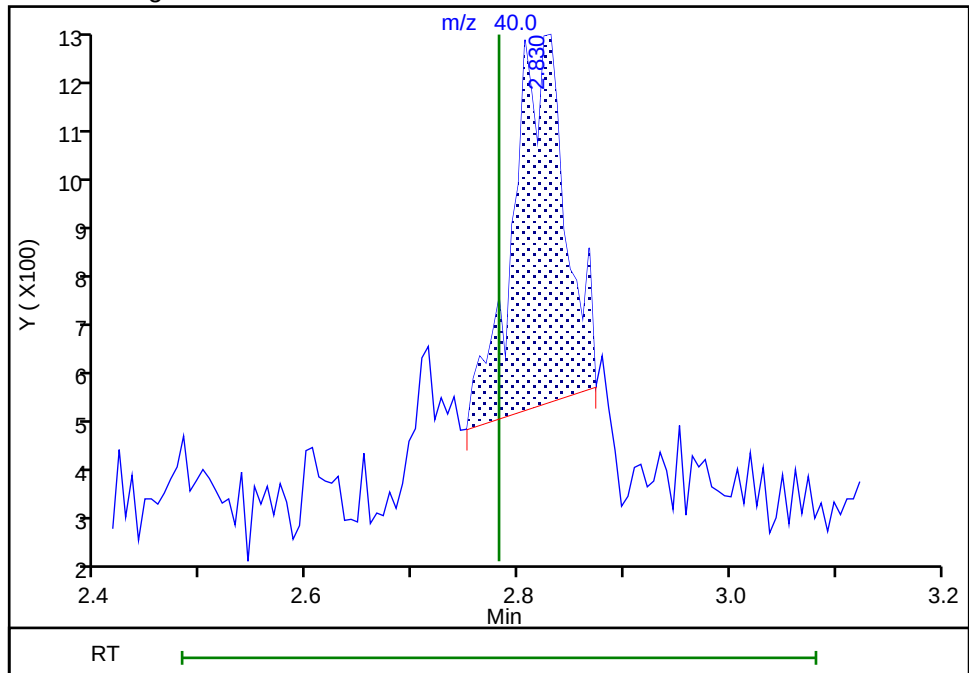
RT: 2.71
Area: 942
Amount: 5.717754
Amount Units: ug/l

Processing Integration Results



RT: 2.83
Area: 2412
Amount: 10.729271
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 18:01:27

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

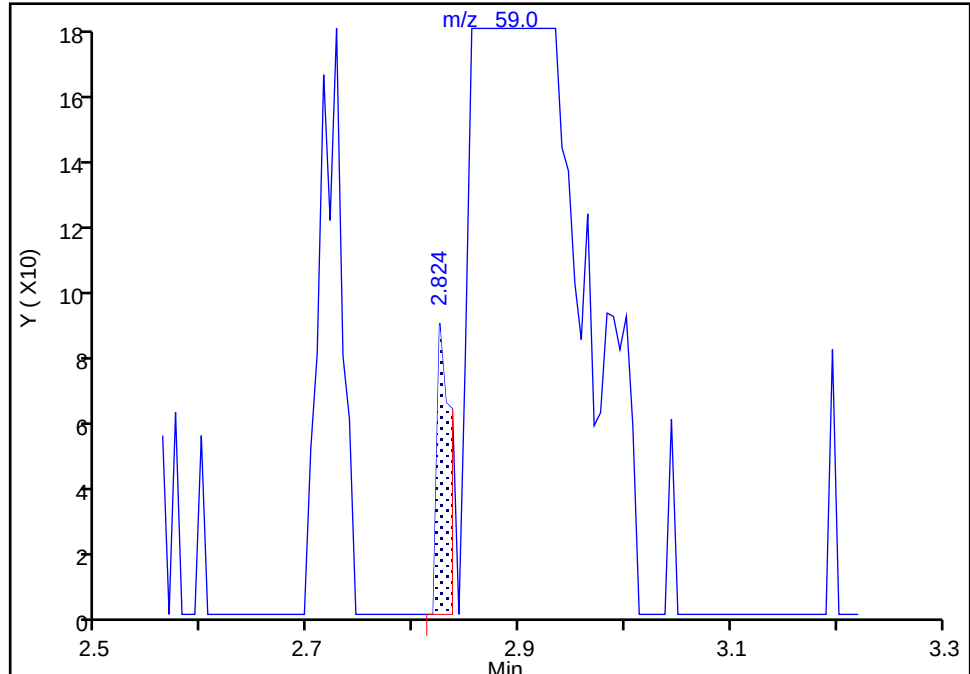
MS Quad

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

Signal: 1

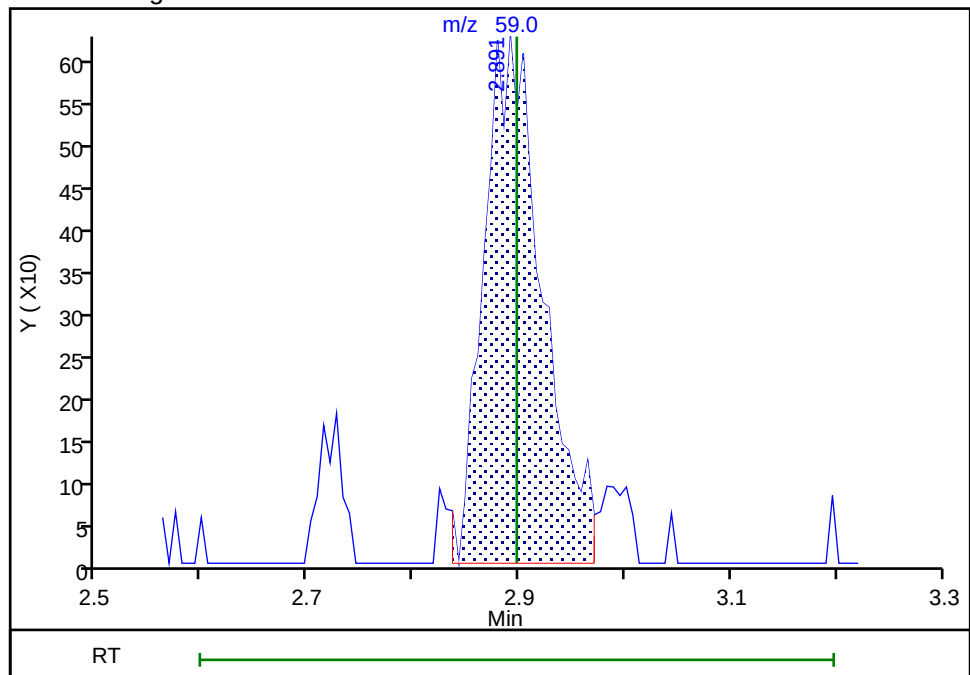
RT: 2.82
Area: 78
Amount: 0.275195
Amount Units: ug/l

Processing Integration Results



RT: 2.89
Area: 2399
Amount: 5.373675
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:23:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

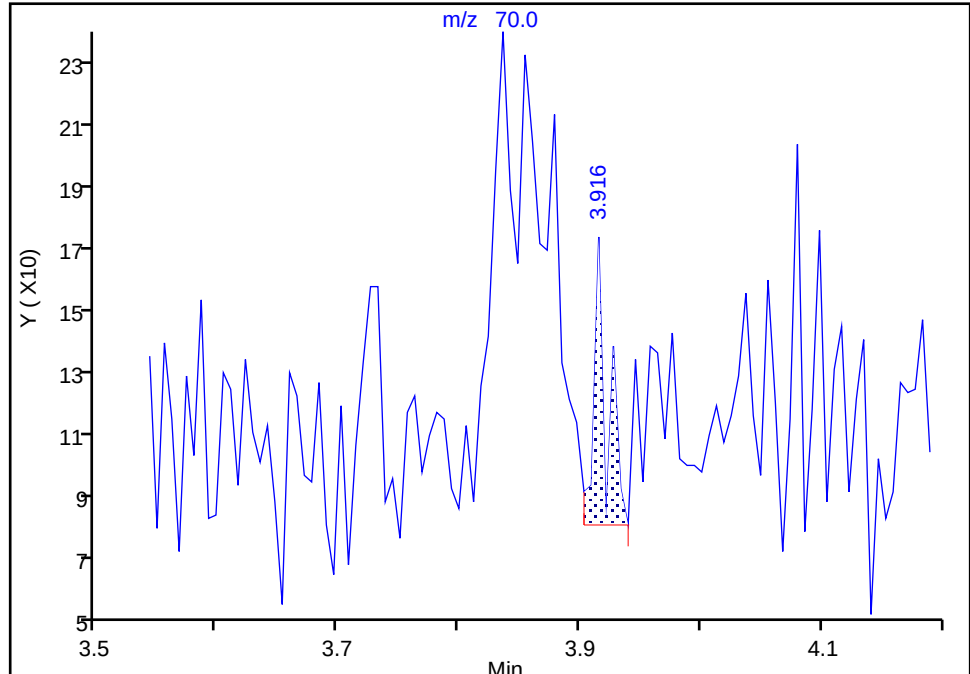
MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

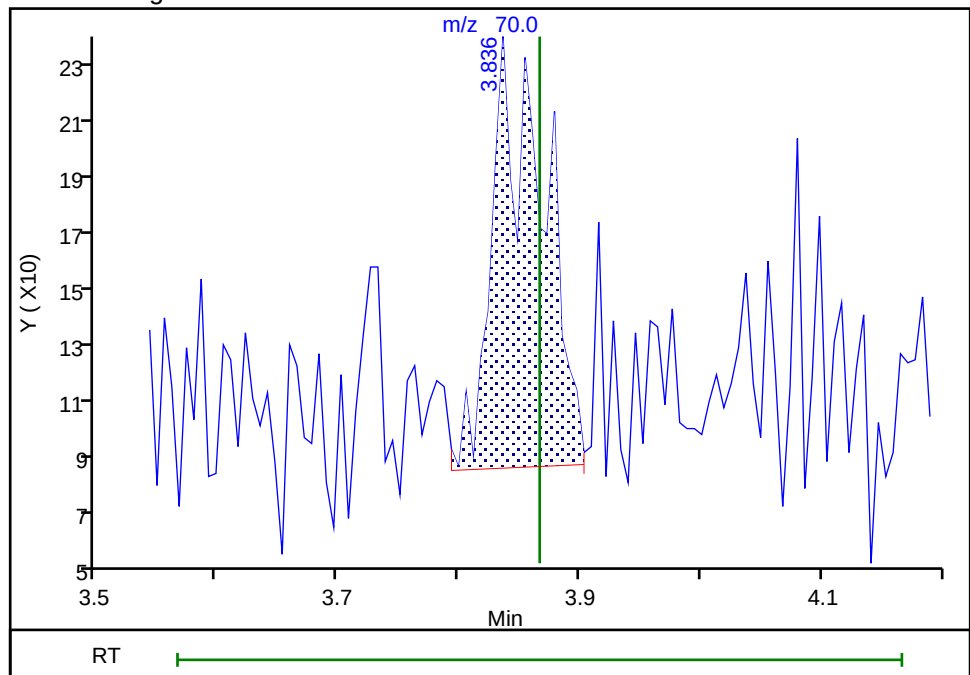
RT: 3.92
Area: 64
Amount: 0.760886
Amount Units: ug/l

Processing Integration Results



RT: 3.84
Area: 428
Amount: 1.682383
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:23:44

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

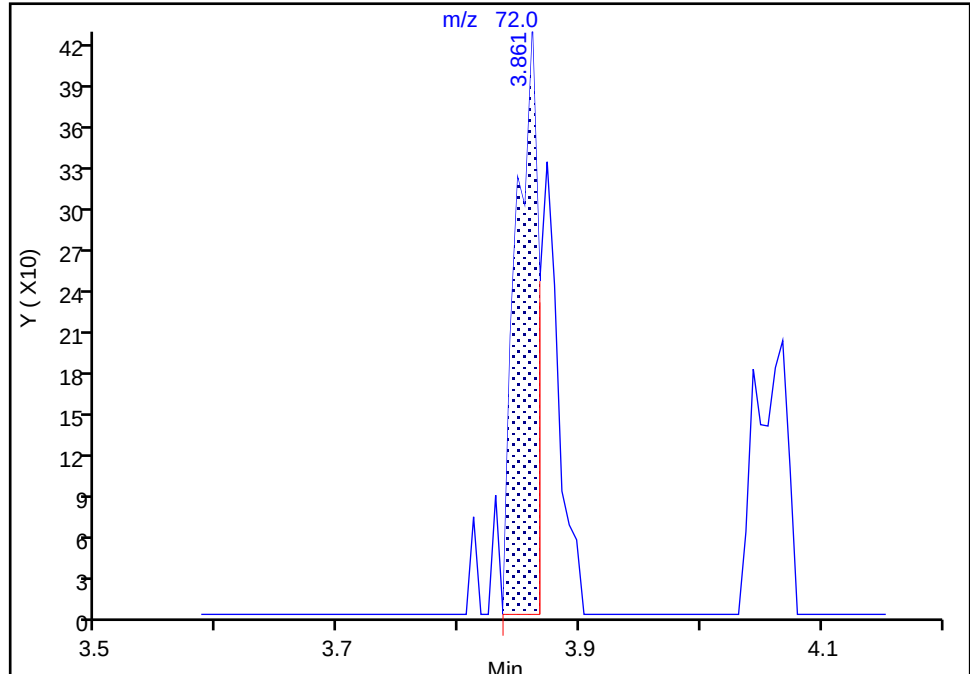
MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

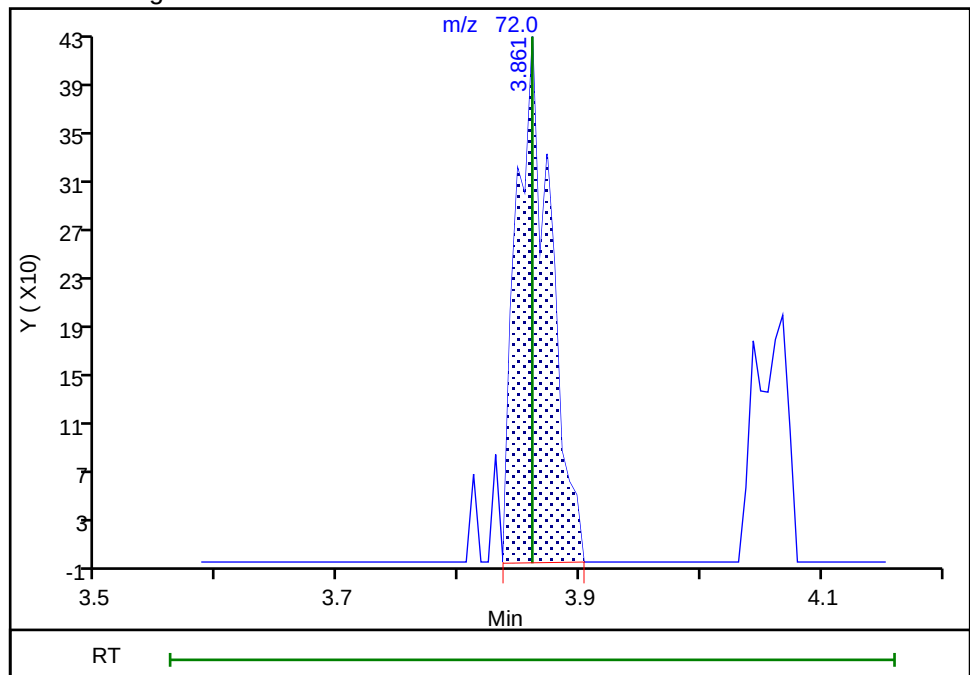
RT: 3.86
Area: 550
Amount: 2.015037
Amount Units: ug/l

Processing Integration Results



RT: 3.86
Area: 841
Amount: 2.904242
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:23:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

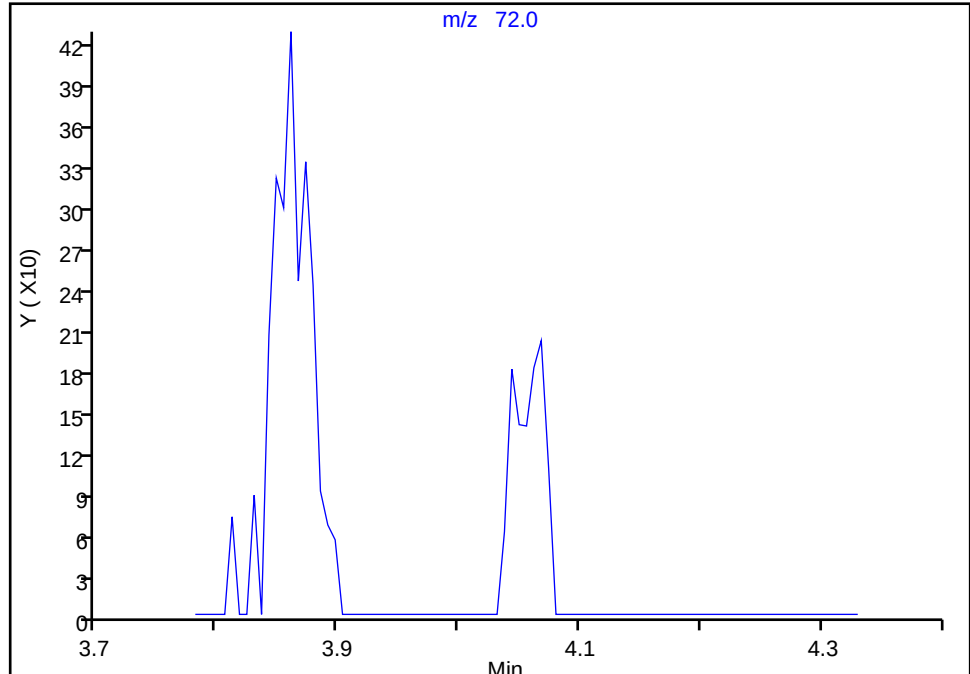
50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

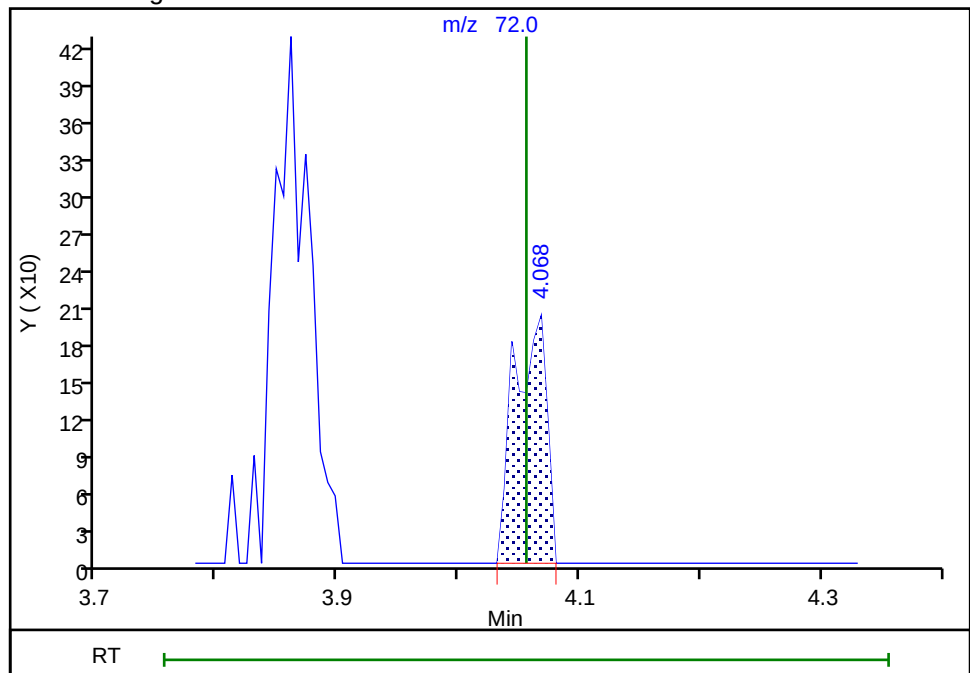
Not Detected

Expected RT: 4.06

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:23:59

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123405.D

Injection Date: 27-Apr-2020 12:41:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

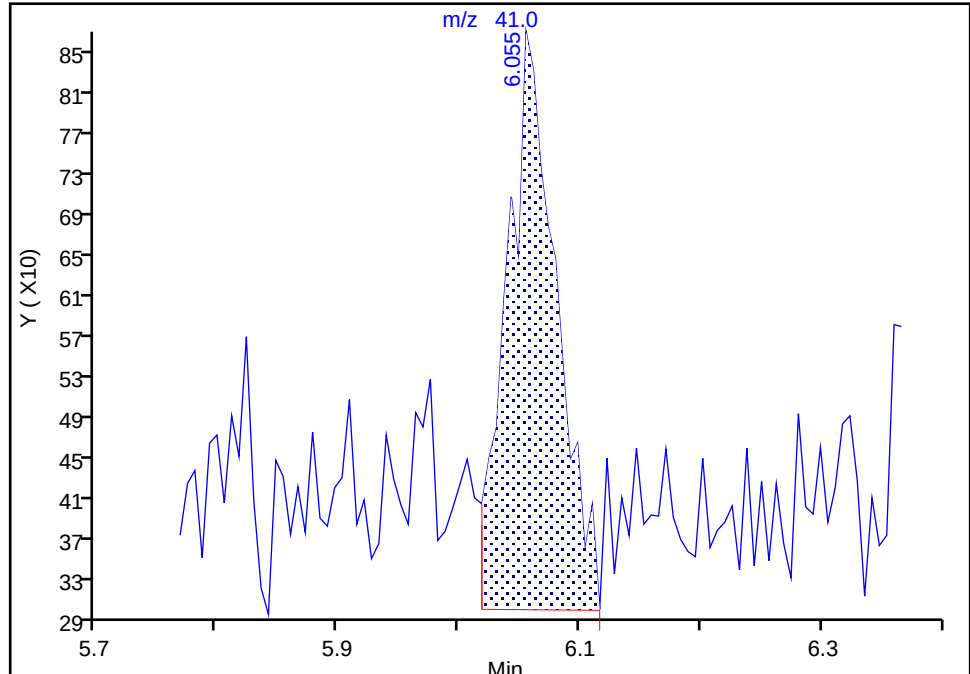
MS Quad

78 2-Nitropropane, CAS: 79-46-9

Signal: 1

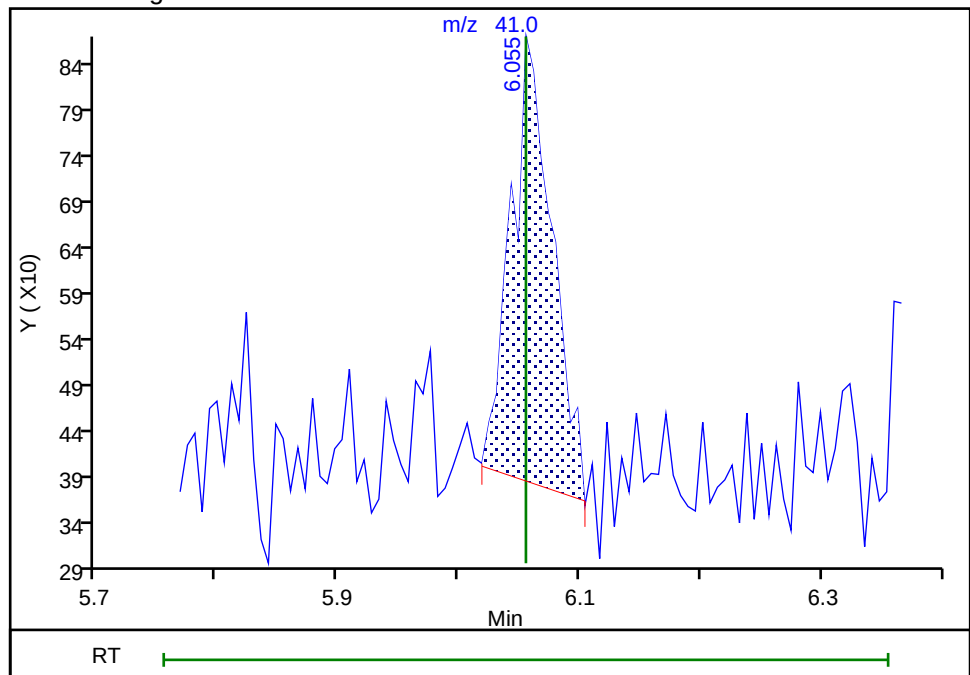
RT: 6.06
Area: 1638
Amount: 1.962363
Amount Units: ug/l

Processing Integration Results



RT: 6.06
Area: 1147
Amount: 1.078073
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 18:09:08

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 27-Apr-2020 13:02:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0109187-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:34:17 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:28:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.276	1.288	-0.012	65	268	1.00	0.7276	a
2 1,1-Difluoroethane	51	1.355	1.367	-0.012	92	3433	1.00	0.8583	
3 Chlorotrifluoroethene	116	1.349	1.367	-0.018	56	964	1.00	0.7824	
4 Dichlorodifluoromethane	85	1.386	1.392	-0.006	50	3454	1.00	0.8935	
5 Chlorodifluoromethane	51	1.404	1.410	-0.006	98	4000	1.00	0.8096	
6 Chloromethane	50	1.538	1.538	0.000	99	4046	1.00	0.8454	
7 Vinyl chloride	62	1.611	1.617	-0.006	86	3875	1.00	0.8702	
8 Butadiene	54	1.599	1.617	-0.018	92	2853	1.00	0.7623	
9 Bromomethane	94	1.849	1.855	-0.006	98	1877	1.00	0.8435	
10 Chloroethane	64	1.904	1.910	-0.006	80	2279	1.00	1.01	
11 Dichlorofluoromethane	67	2.056	2.068	-0.012	96	5318	1.00	0.8524	
12 Trichlorofluoromethane	101	2.068	2.074	-0.006	56	3792	1.00	0.9032	
13 Pentane	72	2.081	2.086	-0.005	95	936	2.00	1.93	
14 Ethanol	46	2.233	2.245	-0.012	70	695	40.0	36.2	
15 Ethyl ether	74	2.245	2.257	-0.012	95	1418	1.00	0.8800	
16 2-Methyl-1,3-butadiene	53	2.270	2.275	-0.005	95	2429	1.00	0.8706	
17 1,2-Dichloro-1,1,2-trifluo	117	2.294	2.306	-0.012	85	1982	1.00	0.8743	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.355	2.355	0.000	92	3716	1.00	0.9511	
19 Acrolein	56	2.404	2.410	-0.006	82	1095	4.00	3.42	
20 1,1,2-Trichloro-1,2,2-trif	101	2.422	2.428	-0.006	80	2279	1.00	0.9306	
21 1,1-Dichloroethene	96	2.434	2.440	-0.006	95	2480	1.00	0.9511	
22 Acetone	43	2.513	2.519	-0.006	83	4095	5.00	4.61	
23 Iodomethane	142	2.568	2.574	-0.006	99	3742	1.00	0.8575	
25 Isopropyl alcohol	45	2.587	2.599	-0.012	33	1975	10.0	9.14	
24 Carbon disulfide	76	2.593	2.605	-0.012	100	9754	1.00	0.8925	
26 3-Chloro-1-propene	76	2.708	2.714	-0.006	90	1532	1.00	0.8832	
27 Methyl acetate	43	2.721	2.727	-0.006	83	3864	2.00	1.71	
28 Cyclopentene	67	2.727	2.733	-0.006	91	6301	1.00	0.9052	
29 Acetonitrile	40	2.812	2.781	0.031	92	3147	10.0	14.0	Ma
30 Methylene Chloride	84	2.824	2.830	-0.006	31	2723	1.00	0.8598	

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)	66	2.824	2.836	-0.012	100	41047	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.891	2.897	-0.006	90	3324	10.0	8.55	a
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	83	5973	1.00	0.8393	
34 trans-1,2-Dichloroethene	96	3.001	2.995	0.006	98	2589	1.00	0.9474	
35 Acrylonitrile	53	3.062	3.068	-0.006	94	9200	10.0	8.48	
36 Hexane	57	3.135	3.141	-0.006	92	3293	1.00	0.9192	
37 Isopropyl ether	45	3.330	3.336	-0.006	89	8707	1.00	0.8522	
38 1,1-Dichloroethane	63	3.355	3.361	-0.006	99	4471	1.00	0.8662	
39 Vinyl acetate	86	3.373	3.379	-0.006	100	754	2.00	2.21	
40 2-Chloro-1,3-butadiene	88	3.397	3.397	0.000	93	2064	1.00	0.9123	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	86	7486	1.00	0.8519	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	100	266696	250.0	250.0	
43 2,2-Dichloropropane	97	3.812	3.824	-0.012	48	1097	1.00	0.9288	M
44 cis-1,2-Dichloroethene	96	3.836	3.842	-0.006	89	2716	1.00	0.9189	
45 2-Butanone (MEK)	72	3.855	3.861	-0.006	95	1316	5.00	4.54	
46 Ethyl acetate	70	3.867	3.867	0.000	93	512	2.00	2.01	
47 Methyl acrylate	55	3.909	3.915	-0.006	97	2066	1.00	0.8685	
48 Propionitrile	54	3.983	3.982	0.001	98	4005	10.0	9.64	
49 Chlorobromomethane	128	4.050	4.050	0.000	96	1031	1.00	0.8146	
50 Tetrahydrofuran	72	4.056	4.056	0.000	61	679	2.00	2.05	
51 Methacrylonitrile	67	4.074	4.080	-0.006	95	9216	10.0	8.84	
52 Chloroform	83	4.098	4.104	-0.006	96	4100	1.00	0.9073	
53 Cyclohexane	84	4.220	4.220	0.000	93	4084	1.00	1.00	
54 1,1,1-Trichloroethane	97	4.233	4.239	-0.005	66	3363	1.00	0.8437	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	99814	50.0	50.4	
56 Carbon tetrachloride	117	4.342	4.348	-0.006	98	3041	1.00	0.9232	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	93	3025	1.00	0.8665	
58 Isobutyl alcohol	43	4.519	4.507	0.012	85	5415	25.0	23.7	
59 Isooctane	57	4.525	4.537	-0.012	97	8442	1.00	0.8395	
60 Benzene	78	4.556	4.562	-0.006	97	8999	1.00	0.9282	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	125605	50.0	50.0	
62 Tert-amyl methyl ether	73	4.629	4.635	-0.006	70	7136	1.00	0.8847	
63 Isopropyl acetate	61	4.635	4.635	0.000	94	1252	1.00	0.9147	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	97	3306	1.00	0.9555	
65 n-Heptane	100	4.726	4.714	0.012	95	529	1.00	0.9424	a
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	410555	50.0	50.0	
67 n-Butanol	56	5.159	5.141	0.018	22	1479	25.0	18.9	a
68 Trichloroethene	95	5.165	5.171	-0.006	95	2253	1.00	0.8532	
69 Methylcyclohexane	83	5.287	5.293	-0.006	86	4520	1.00	0.9571	
70 Ethyl acrylate	99	5.299	5.305	-0.006	94	275	1.00	0.8163	
71 1,2-Dichloropropane	63	5.446	5.452	-0.006	90	2424	1.00	0.8705	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	22477	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	90	1098	2.00	1.89	
75 1,4-Dioxane	88	5.568	5.568	0.000	50	1236	50.0	44.4	
74 Dibromomethane	93	5.574	5.574	0.000	90	1348	1.00	0.8846	
76 n-Propyl acetate	43	5.598	5.598	0.000	98	3105	1.00	0.8307	
77 Dichlorobromomethane	83	5.720	5.720	0.000	98	2814	1.00	0.8572	
78 2-Nitropropane	41	6.055	6.055	0.000	87	1598	2.00	1.73	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	80	1376	1.00	0.8077	
80 Epichlorohydrin	57	6.159	6.159	0.000	99	4527	20.0	16.8	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	95	3416	1.00	0.8814	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	97	11275	5.00	4.31	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.439	6.445	-0.006	98	366974	50.0	51.6	
84 Toluene	91	6.519	6.519	0.000	94	9127	1.00	0.9655	
85 trans-1,3-Dichloropropene	75	6.860	6.866	-0.006	97	3024	1.00	0.8778	
86 Ethyl methacrylate	69	6.909	6.909	0.000	91	2826	1.00	0.9403	
87 1,1,2-Trichloroethane	83	7.067	7.073	-0.006	93	1737	1.00	0.9776	
88 Tetrachloroethene	166	7.104	7.104	0.000	91	1630	1.00	0.8654	
89 1,3-Dichloropropane	76	7.275	7.274	0.001	94	2944	1.00	0.8730	
90 2-Hexanone	43	7.360	7.354	0.006	96	7082	5.00	4.40	
91 n-Butyl acetate	43	7.482	7.476	0.006	99	3385	1.00	0.8915	
92 Chlorodibromomethane	129	7.500	7.500	0.000	94	1542	1.00	0.8157	
93 Ethylene Dibromide	107	7.647	7.646	0.000	97	1530	1.00	0.8332	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	90	259719	50.0	50.0	
95 Chlorobenzene	112	8.220	8.219	0.001	96	4792	1.00	0.8742	
96 Ethylbenzene	106	8.335	8.335	0.000	99	2487	1.00	0.8187	
97 1,1,1,2-Tetrachloroethane	131	8.348	8.347	0.001	92	1881	1.00	0.8948	
98 m-Xylene & p-Xylene	106	8.494	8.488	0.006	98	3273	1.00	0.8848	
99 o-Xylene	106	9.006	9.006	0.000	91	3399	1.00	0.8696	
100 n-Butyl acrylate	73	9.030	9.024	0.006	97	1597	1.00	0.8767	
101 Styrene	104	9.049	9.049	0.000	93	5327	1.00	0.8658	
102 Bromoform	173	9.293	9.292	0.001	91	923	1.00	0.8190	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	87	4105	1.00	0.8690	
104 Isopropylbenzene	105	9.457	9.457	0.000	96	9205	1.00	0.8704	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	90040	50.0	50.2	
106 Bromobenzene	156	9.829	9.829	0.000	93	1897	1.00	0.8332	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	97	2555	1.00	0.9255	
108 N-Propylbenzene	91	9.927	9.926	0.001	98	11129	1.00	0.8411	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	95	603	1.00	0.8442	
110 trans-1,4-Dichloro-2-buten	53	9.988	9.981	0.007	79	1005	1.00	1.11	
111 2-Chlorotoluene	91	10.036	10.036	0.000	95	7767	1.00	0.8542	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	8794	1.00	0.8589	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	92	7271	1.00	0.7934	
114 4-Chlorotoluene	91	10.164	10.164	0.000	97	7260	1.00	0.8619	
115 Butyl Methacrylate	87	10.268	10.268	0.000	94	2804	1.00	0.8631	
116 tert-Butylbenzene	119	10.451	10.451	0.000	91	5440	1.00	0.7527	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	97	7869	1.00	0.8369	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	9715	1.00	0.8134	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	87	3532	1.00	0.8211	
120 4-Isopropyltoluene	119	10.817	10.816	0.001	96	7773	1.00	0.8058	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	99	128333	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	92	3656	1.00	0.8601	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	8164	1.00	0.8360	
124 Benzyl chloride	91	11.042	11.042	0.000	97	4146	1.00	0.8328	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	7488	1.00	0.8657	
126 p-Diethylbenzene	119	11.176	11.176	0.000	90	4451	1.00	0.8775	
127 n-Butylbenzene	92	11.195	11.194	0.001	98	4602	1.00	0.8437	
128 1,2-Dichlorobenzene	146	11.231	11.237	-0.006	92	3832	1.00	0.8751	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	95	7741	1.00	0.7781	
130 1,2-Dibromo-3-Chloropropan	157	11.926	11.932	-0.006	85	481	1.00	0.8844	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	93	2859	1.00	0.7739	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	2916	1.00	0.8090	
133 Hexachlorobutadiene	225	12.646	12.645	0.001	89	1139	1.00	0.7928	
134 Naphthalene	128	12.749	12.749	0.000	98	7687	1.00	0.8027	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	91	2835	1.00	0.8111	
S 136 1,2-Dichloroethene, Total	100				0		2.00	1.87	
S 137 Xylenes, Total	100				0		2.00	1.75	
S 138 Total 1,2-dichloroethene	1				0			1.87	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.76	
S 140 Total BTEX	1				0		5.00	4.47	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00117	Amount Added: 10.00	Units: uL	
GASES Li_00365	Amount Added: 10.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
524freon_00021	Amount Added: 10.00	Units: uL	
14DIOXINTER_00114	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

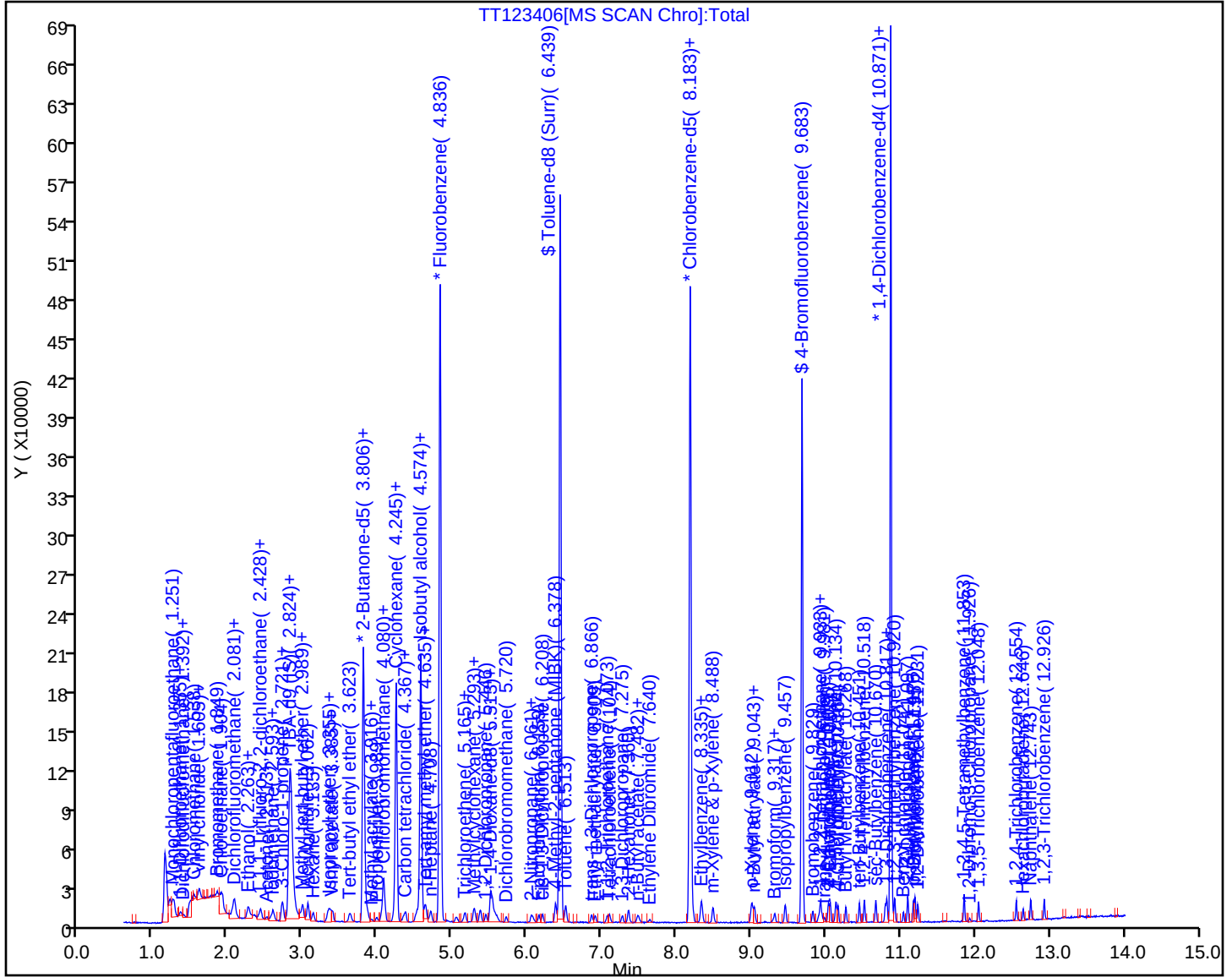
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

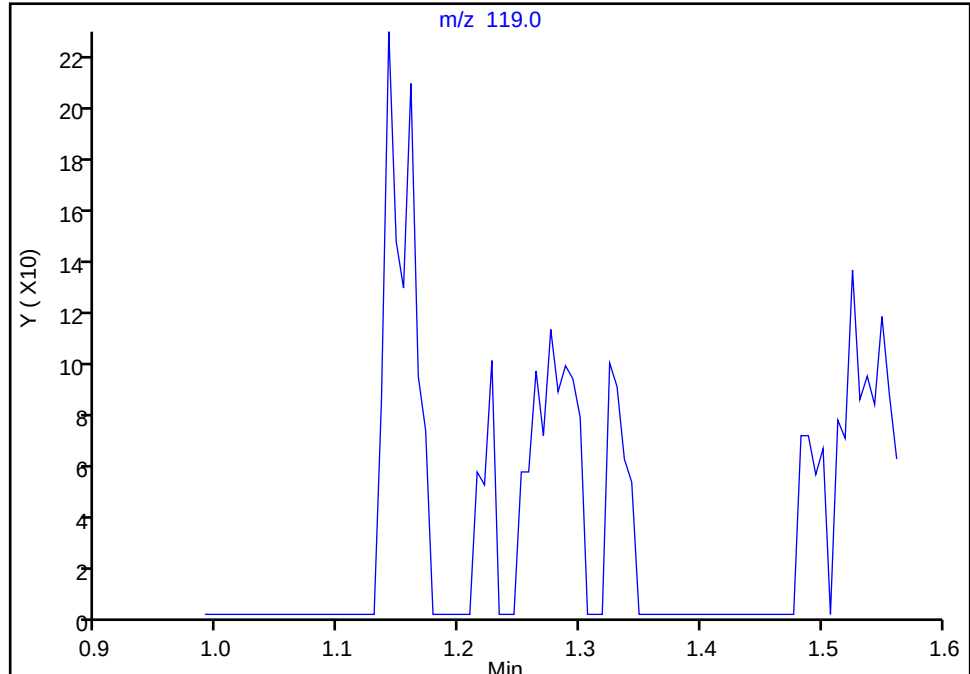
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

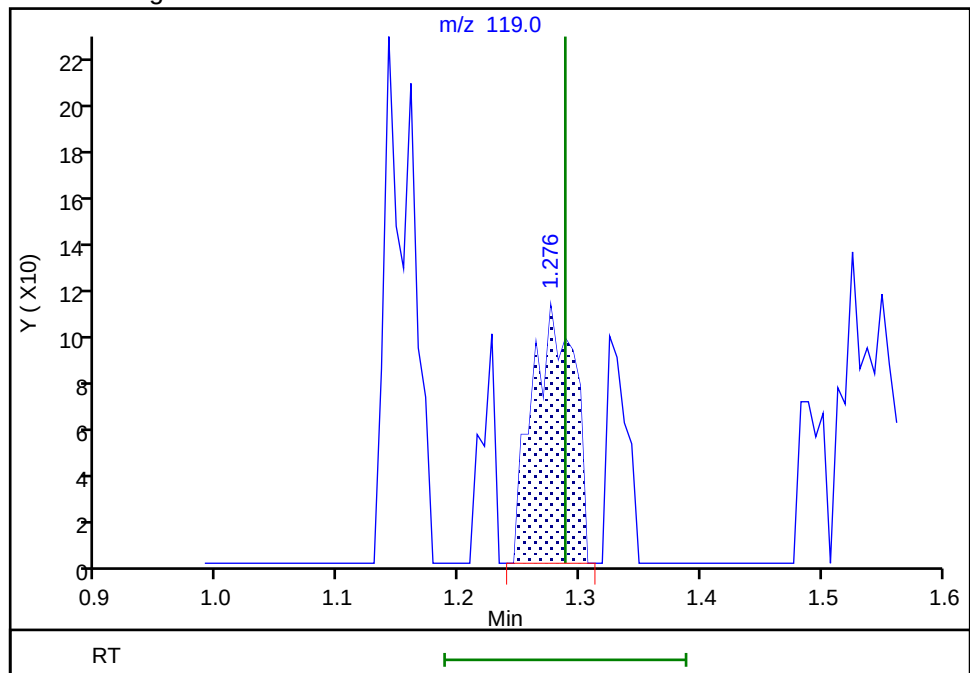
Not Detected

Expected RT: 1.29

Processing Integration Results



Manual Integration Results



RT: 1.28

Area: 268

Amount: 0.727553

Amount Units: ug/l

Reviewer: baronm, 27-Apr-2020 17:51:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

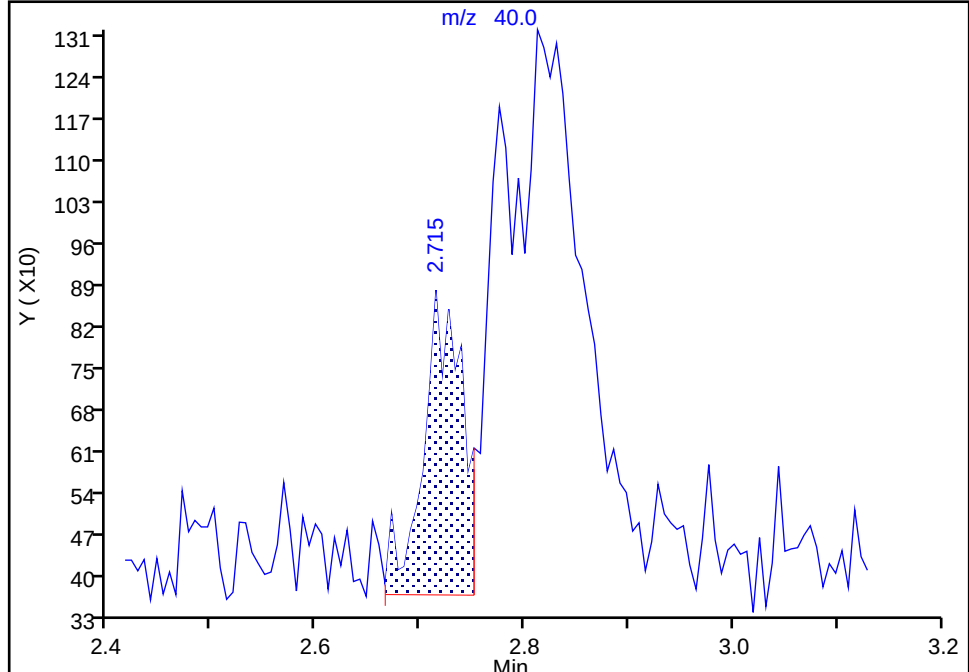
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

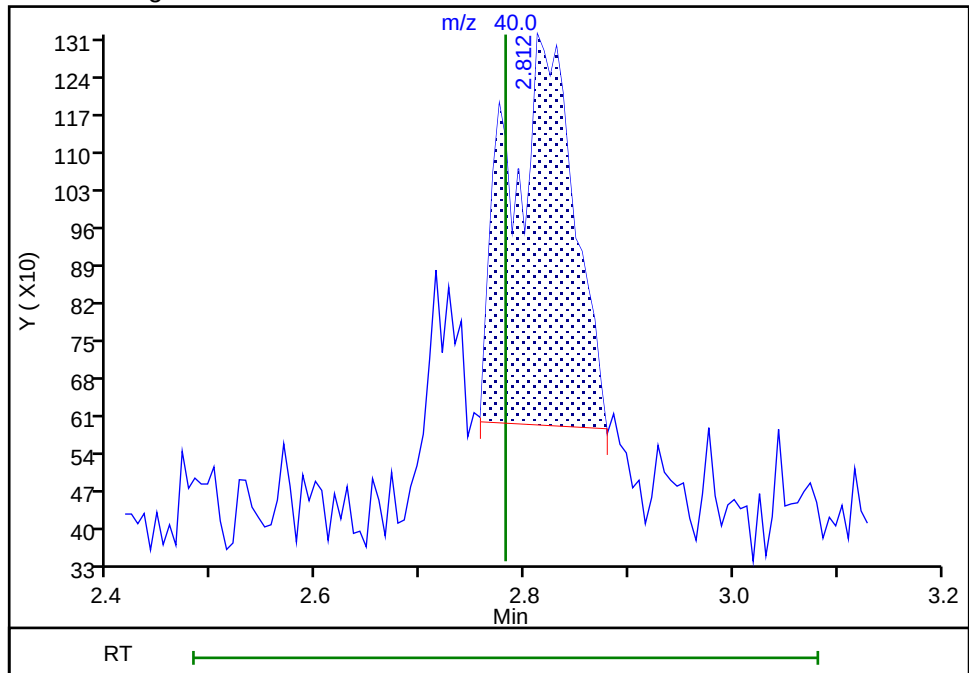
RT: 2.71
Area: 1337
Amount: 4.517863
Amount Units: ug/l

Processing Integration Results



RT: 2.81
Area: 3147
Amount: 13.997606
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:55:48

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

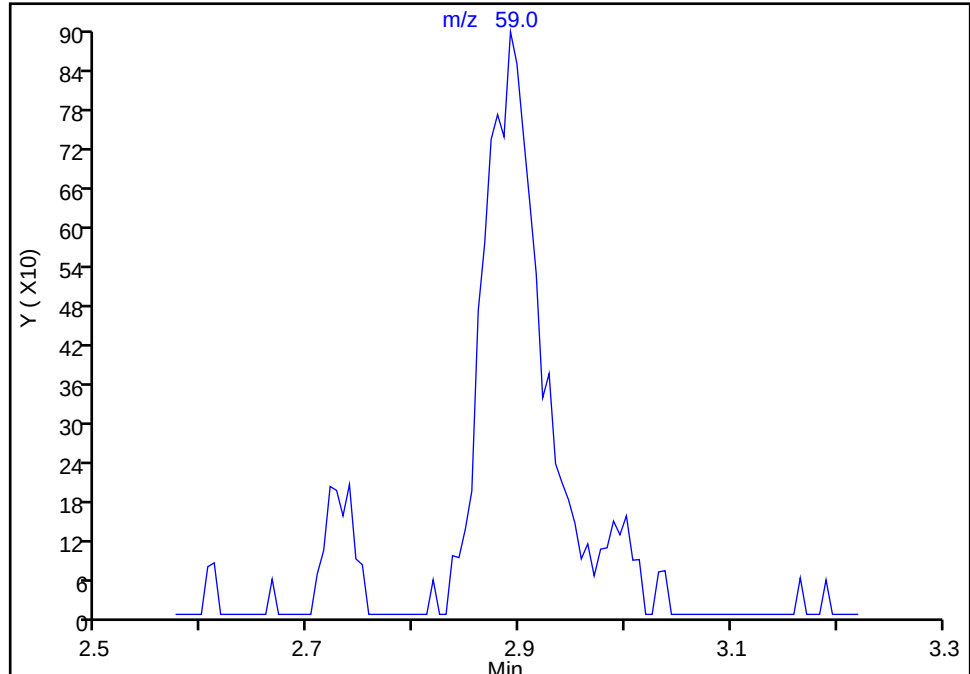
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

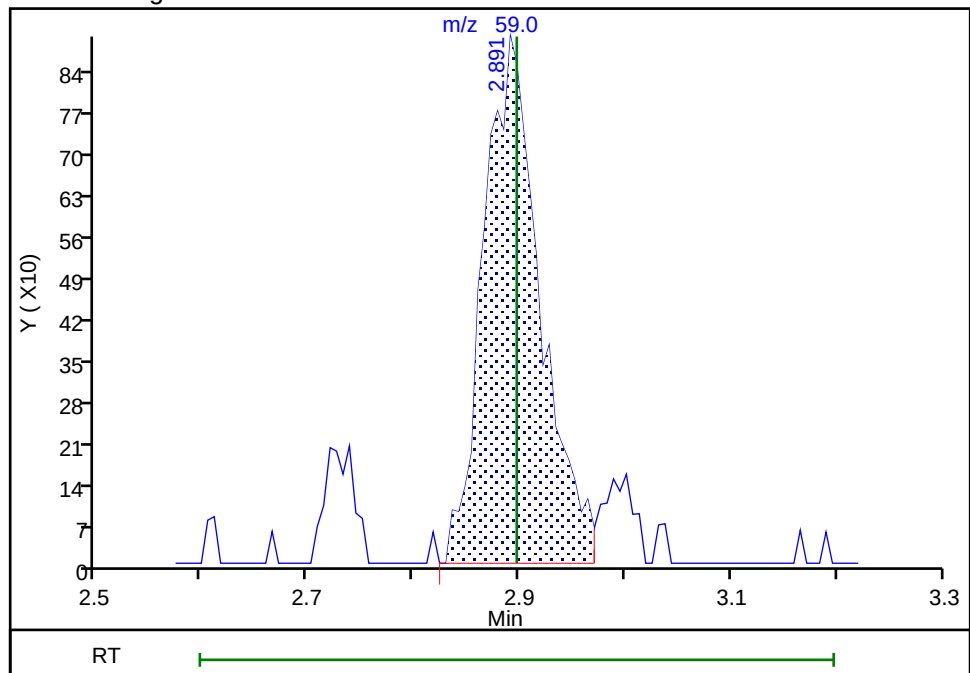
Not Detected

Expected RT: 2.90

Processing Integration Results



Manual Integration Results



RT: 2.89

Area: 3324

Amount: 8.550036

Amount Units: ug/l

Reviewer: baronm, 27-Apr-2020 17:51:56

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

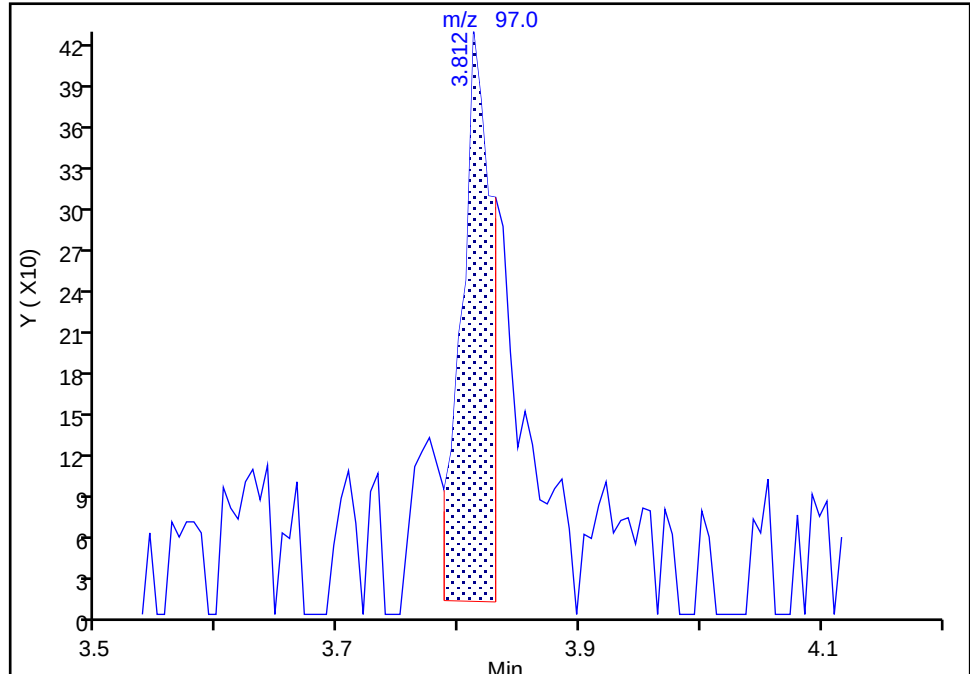
MS Quad

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

Signal: 1

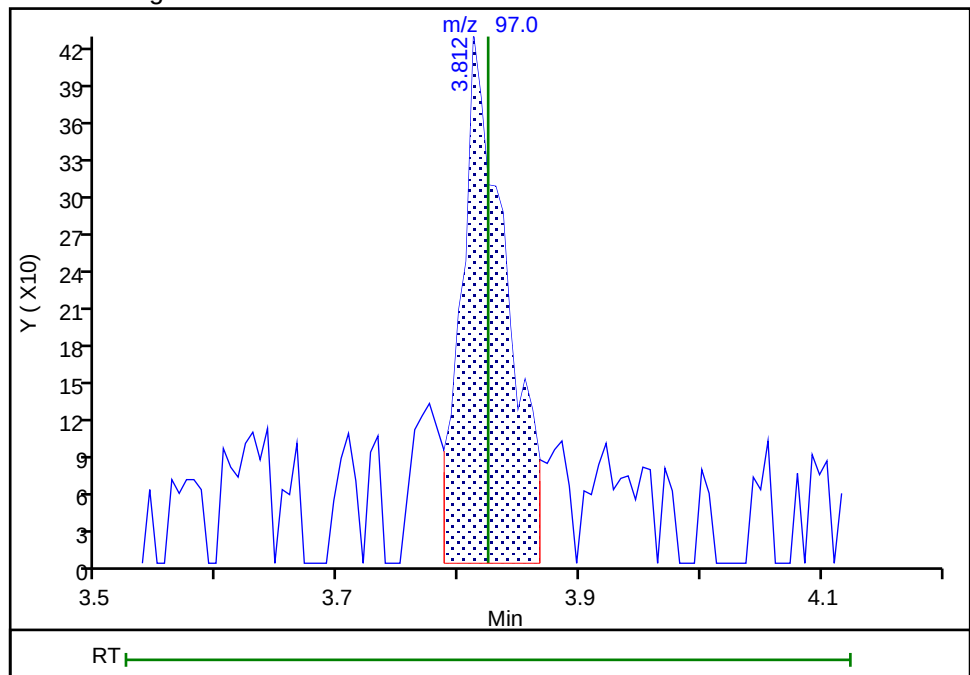
RT: 3.81
Area: 723
Amount: 0.774048
Amount Units: ug/l

Processing Integration Results



RT: 3.81
Area: 1097
Amount: 0.928775
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 18:04:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

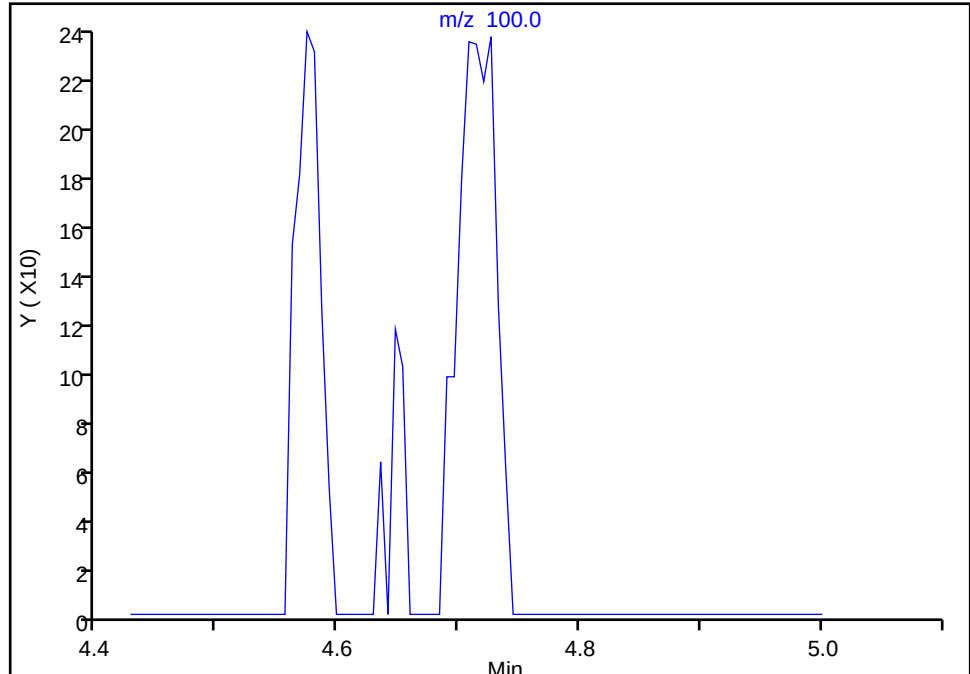
65 n-Heptane, CAS: 142-82-5

Signal: 1

Not Detected

Expected RT: 4.71

Processing Integration Results



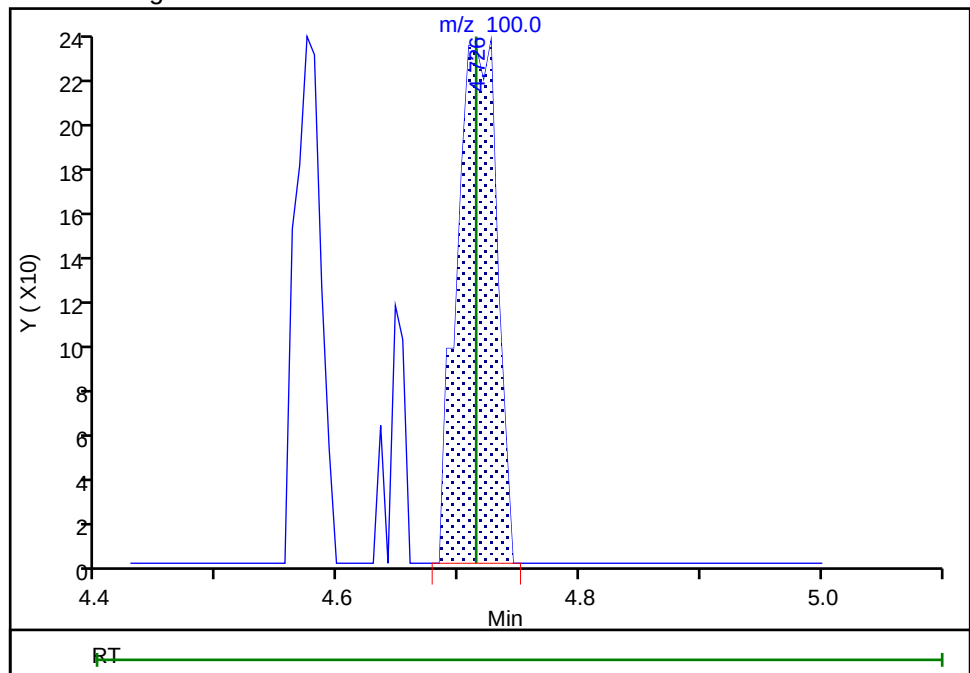
RT: 4.73

Area: 529

Amount: 0.942388

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:52:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123406.D

Injection Date: 27-Apr-2020 13:02:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

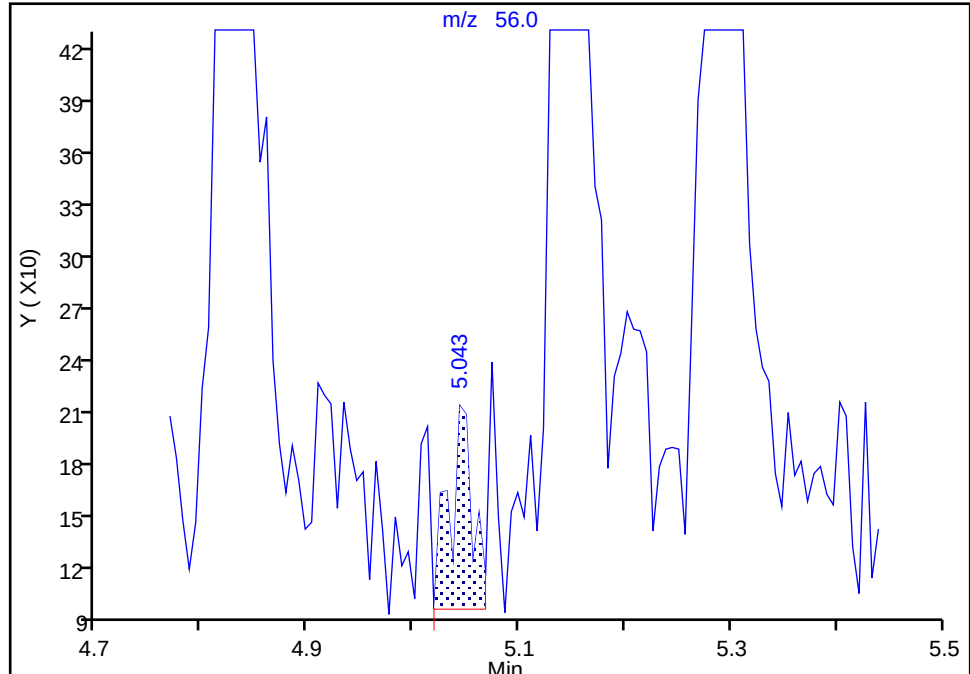
Detector MS Quad

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

Signal: 1

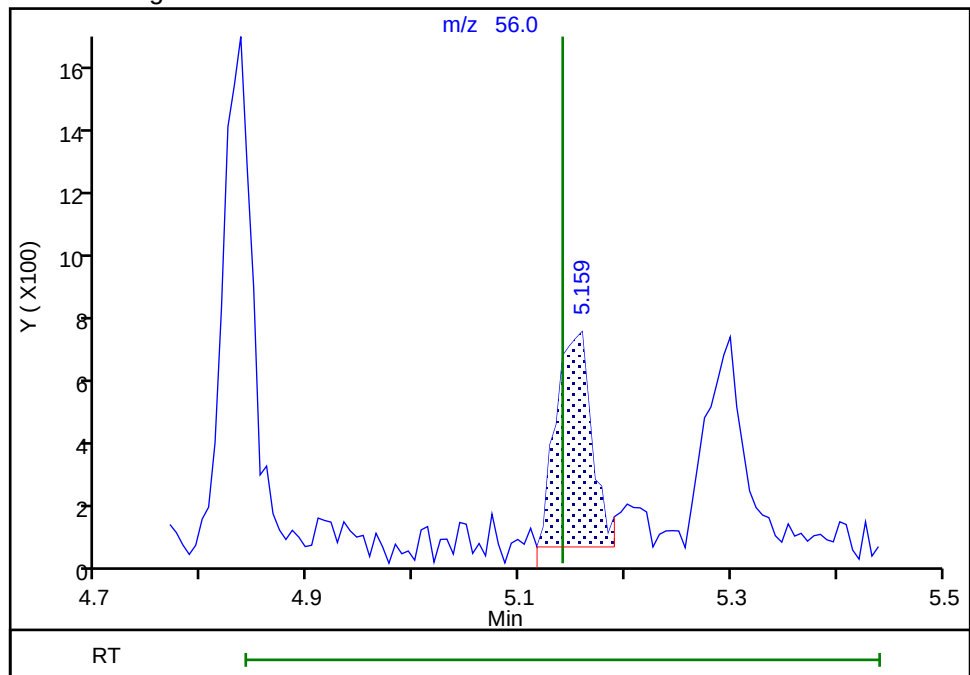
RT: 5.04
Area: 178
Amount: 2.510205
Amount Units: ug/l

Processing Integration Results



RT: 5.16
Area: 1479
Amount: 18.878082
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:52:15

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123407.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 27-Apr-2020 13:23:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0109187-005
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:34:28 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:29:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.288	1.288	0.000	75	1860	5.00	5.14	
2 1,1-Difluoroethane	51	1.361	1.367	-0.006	96	16968	5.00	4.31	
3 Chlorotrifluoroethene	116	1.367	1.367	0.000	59	5214	5.00	4.30	
4 Dichlorodifluoromethane	85	1.392	1.392	0.000	98	16682	5.00	4.39	
5 Chlorodifluoromethane	51	1.410	1.410	0.000	100	21704	5.00	4.47	
6 Chloromethane	50	1.538	1.538	0.000	99	21003	5.00	4.46	
7 Vinyl chloride	62	1.617	1.617	0.000	98	20068	5.00	4.58	
8 Butadiene	54	1.611	1.617	-0.006	98	17057	5.00	4.64	
9 Bromomethane	94	1.855	1.855	0.000	98	11726	5.00	5.23	
10 Chloroethane	64	1.910	1.910	0.000	100	11047	5.00	4.84	
11 Dichlorofluoromethane	67	2.068	2.068	0.000	98	30028	5.00	4.90	
12 Trichlorofluoromethane	101	2.074	2.074	0.000	58	19985	5.00	4.84	
13 Pentane	72	2.087	2.086	0.001	96	4794	10.0	10.0	
14 Ethanol	46	2.245	2.245	0.000	82	3468	200.0	180.5	
15 Ethyl ether	74	2.251	2.257	-0.006	94	7451	5.00	4.70	
16 2-Methyl-1,3-butadiene	53	2.276	2.275	0.001	97	12986	5.00	4.73	
17 1,2-Dichloro-1,1,2-trifluo	117	2.306	2.306	0.000	94	10548	5.00	4.73	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.355	2.355	0.000	96	18715	5.00	4.87	a
19 Acrolein	56	2.410	2.410	0.000	96	6078	20.0	18.9	
20 1,1,2-Trichloro-1,2,2-trif	101	2.422	2.428	-0.006	90	12365	5.00	5.14	
21 1,1-Dichloroethene	96	2.440	2.440	0.000	94	12541	5.00	4.89	
22 Acetone	43	2.513	2.519	-0.006	86	20130	25.0	22.5	
23 Iodomethane	142	2.574	2.574	0.000	99	21187	5.00	4.94	
25 Isopropyl alcohol	45	2.599	2.599	0.000	37	10399	50.0	48.0	
24 Carbon disulfide	76	2.599	2.605	-0.006	100	53369	5.00	4.97	
26 3-Chloro-1-propene	76	2.714	2.714	0.000	92	8455	5.00	4.96	
27 Methyl acetate	43	2.727	2.727	0.000	98	23119	10.0	10.4	
28 Cyclopentene	67	2.733	2.733	0.000	94	35367	5.00	5.17	
29 Acetonitrile	40	2.782	2.781	0.001	99	11145	50.0	49.2	
30 Methylene Chloride	84	2.830	2.830	0.000	40	15573	5.00	5.00	

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)	66	2.824	2.836	-0.012	99	41116	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.897	2.897	0.000	91	14952	50.0	48.4	
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	97	35486	5.00	5.07	
34 trans-1,2-Dichloroethene	96	2.995	2.995	0.000	99	13275	5.00	4.94	
35 Acrylonitrile	53	3.068	3.068	0.000	96	53853	50.0	50.5	
36 Hexane	57	3.141	3.141	0.000	94	17989	5.00	5.11	
37 Isopropyl ether	45	3.336	3.336	0.000	96	49967	5.00	4.97	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	25098	5.00	4.95	
39 Vinyl acetate	86	3.379	3.379	0.000	100	3698	10.0	10.8	
40 2-Chloro-1,3-butadiene	88	3.403	3.397	0.006	94	11241	5.00	5.05	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	88	43881	5.00	5.08	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	100	268704	250.0	250.0	
43 2,2-Dichloropropane	97	3.818	3.824	-0.006	83	4075	5.00	4.56	M
44 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	92	13695	5.00	4.71	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	95	7179	25.0	24.6	
46 Ethyl acetate	70	3.867	3.867	0.000	92	2863	10.0	11.2	M
47 Methyl acrylate	55	3.909	3.915	-0.006	99	11843	5.00	5.06	
48 Propionitrile	54	3.983	3.982	0.000	98	19855	50.0	47.7	
49 Chlorobromomethane	128	4.056	4.050	0.006	96	6360	5.00	5.11	
50 Tetrahydrofuran	72	4.056	4.056	0.000	60	3318	10.0	9.94	
51 Methacrylonitrile	67	4.080	4.080	0.000	94	52824	50.0	51.6	
52 Chloroform	83	4.104	4.104	0.000	98	21878	5.00	4.92	
53 Cyclohexane	84	4.220	4.220	0.000	95	20046	5.00	5.01	
54 1,1,1-Trichloroethane	97	4.232	4.239	-0.006	98	19643	5.00	5.01	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	96	99016	50.0	50.9	
56 Carbon tetrachloride	117	4.348	4.348	0.000	96	16040	5.00	4.95	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	17028	5.00	4.96	
58 Isobutyl alcohol	43	4.513	4.507	0.006	92	27183	125.0	118.6	
59 Isooctane	57	4.537	4.537	0.000	98	48173	5.00	4.87	
60 Benzene	78	4.562	4.562	0.000	96	50678	5.00	5.33	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	95	122049	50.0	49.4	
62 Tert-amyl methyl ether	73	4.629	4.635	-0.006	73	41267	5.00	5.20	
63 Isopropyl acetate	61	4.635	4.635	0.000	93	6809	5.00	5.06	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	97	16991	5.00	4.99	
65 n-Heptane	100	4.714	4.714	0.000	95	2919	5.00	5.29	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	403667	50.0	50.0	
67 n-Butanol	56	5.147	5.141	0.006	93	9327	125.0	118.9	
68 Trichloroethene	95	5.171	5.171	0.000	95	12007	5.00	4.62	
69 Methylcyclohexane	83	5.293	5.293	0.000	89	22199	5.00	4.78	
70 Ethyl acrylate	99	5.299	5.305	-0.006	97	1701	5.00	5.14	
71 1,2-Dichloropropane	63	5.452	5.452	0.000	89	13430	5.00	4.91	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	22893	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	93	5688	10.0	9.95	
75 1,4-Dioxane	88	5.574	5.568	0.006	45	2655	100.0	93.6	
74 Dibromomethane	93	5.568	5.574	-0.006	96	7327	5.00	4.89	
76 n-Propyl acetate	43	5.598	5.598	0.000	99	16873	5.00	4.59	
77 Dichlorobromomethane	83	5.720	5.720	0.000	99	15150	5.00	4.69	
78 2-Nitropropane	41	6.055	6.055	0.000	81	6406	10.0	9.04	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	80	7950	5.01	4.75	
80 Epichlorohydrin	57	6.159	6.159	0.000	100	25392	100.0	93.3	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	94	19356	5.00	5.09	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	65009	25.0	24.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	98	361539	50.0	51.9	
84 Toluene	91	6.519	6.519	0.000	93	46629	5.00	5.03	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	97	17346	5.00	5.13	
86 Ethyl methacrylate	69	6.915	6.909	0.006	92	14381	5.00	4.88	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	93	9118	5.00	5.23	
88 Tetrachloroethene	166	7.104	7.104	0.000	92	9349	5.00	5.06	
89 1,3-Dichloropropane	76	7.275	7.274	0.001	96	17089	5.00	5.17	
90 2-Hexanone	43	7.360	7.354	0.006	98	39716	25.0	24.5	
91 n-Butyl acetate	43	7.476	7.476	0.000	98	18355	5.00	4.93	
92 Chlorodibromomethane	129	7.494	7.500	-0.006	98	9325	5.00	5.03	
93 Ethylene Dibromide	107	7.640	7.646	-0.006	98	9069	5.00	5.04	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	90	254744	50.0	50.0	
95 Chlorobenzene	112	8.219	8.219	0.000	91	27323	5.00	5.08	
96 Ethylbenzene	106	8.335	8.335	0.000	99	14927	5.00	5.01	
97 1,1,1,2-Tetrachloroethane	131	8.341	8.347	-0.006	93	10417	5.00	5.05	
98 m-Xylene & p-Xylene	106	8.494	8.488	0.006	98	18275	5.00	5.04	
99 o-Xylene	106	9.006	9.006	0.000	92	19430	5.00	5.07	
100 n-Butyl acrylate	73	9.024	9.024	0.000	97	8884	5.00	4.97	
101 Styrene	104	9.042	9.049	-0.007	93	30671	5.00	5.08	
102 Bromoform	173	9.292	9.292	0.000	94	5326	5.00	4.82	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	89	21718	5.00	4.77	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	52233	5.00	5.04	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	87713	50.0	49.9	
106 Bromobenzene	156	9.829	9.829	0.000	92	10193	5.00	4.64	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	98	13183	5.00	4.95	
108 N-Propylbenzene	91	9.926	9.926	0.000	98	61713	5.00	4.84	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	98	3573	5.00	5.19	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	89	3826	5.00	4.36	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	42892	5.00	4.89	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	49495	5.00	5.01	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	43092	5.00	4.88	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	40732	5.00	5.01	
115 Butyl Methacrylate	87	10.274	10.268	0.006	93	15923	5.00	5.08	
116 tert-Butylbenzene	119	10.451	10.451	0.000	91	33254	5.00	4.77	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	43989	5.00	4.85	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	55409	5.00	4.81	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	20171	5.00	4.86	
120 4-Isopropyltoluene	119	10.817	10.816	0.001	97	45203	5.00	4.86	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	98	123758	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	92	20679	5.00	5.04	
123 1,2,3-Trimethylbenzene	105	10.926	10.920	0.006	99	46320	5.00	4.92	
124 Benzyl chloride	91	11.042	11.042	0.000	98	24454	5.00	5.09	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	41689	5.00	5.00	
126 p-Diethylbenzene	119	11.176	11.176	0.000	91	24501	5.00	5.01	
127 n-Butylbenzene	92	11.195	11.194	0.001	97	26513	5.00	5.04	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	21301	5.00	5.04	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	45326	5.00	4.72	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	89	2522	5.00	4.81	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	17283	5.00	4.85	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	94	16547	5.00	4.76	
133 Hexachlorobutadiene	225	12.645	12.645	0.000	88	6254	5.00	4.51	
134 Naphthalene	128	12.749	12.749	0.000	99	45425	5.00	4.92	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	93	16060	5.00	4.76	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.65	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 138 Total 1,2-dichloroethene	1				0			9.65	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.2	
S 140 Total BTEX	1				0		25.0	25.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00117	Amount Added: 10.00	Units: uL	
GASES Li_00365	Amount Added: 10.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
524freon_00021	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123407.D

Injection Date: 27-Apr-2020 13:23:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 5

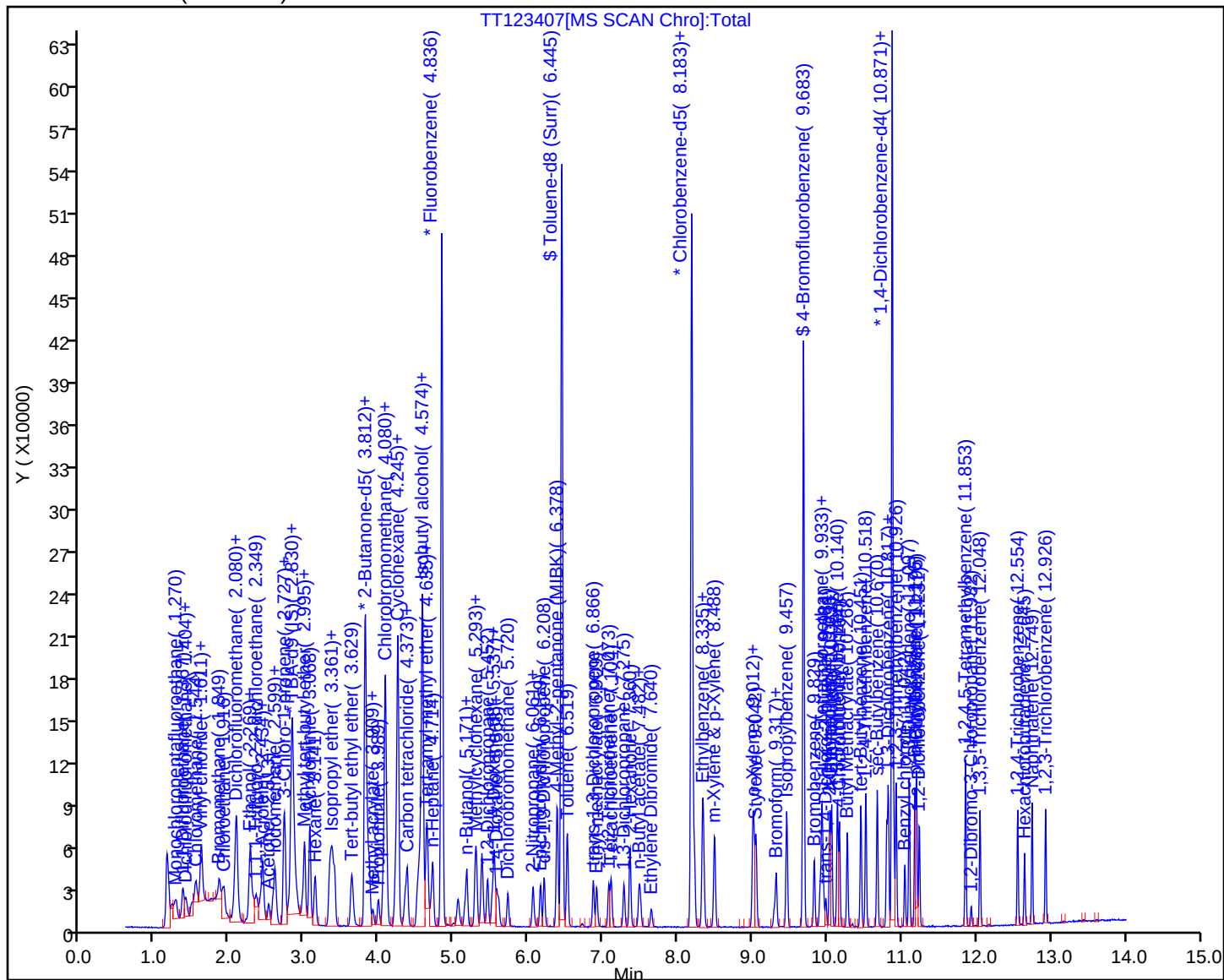
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123407.D

Injection Date: 27-Apr-2020 13:23:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

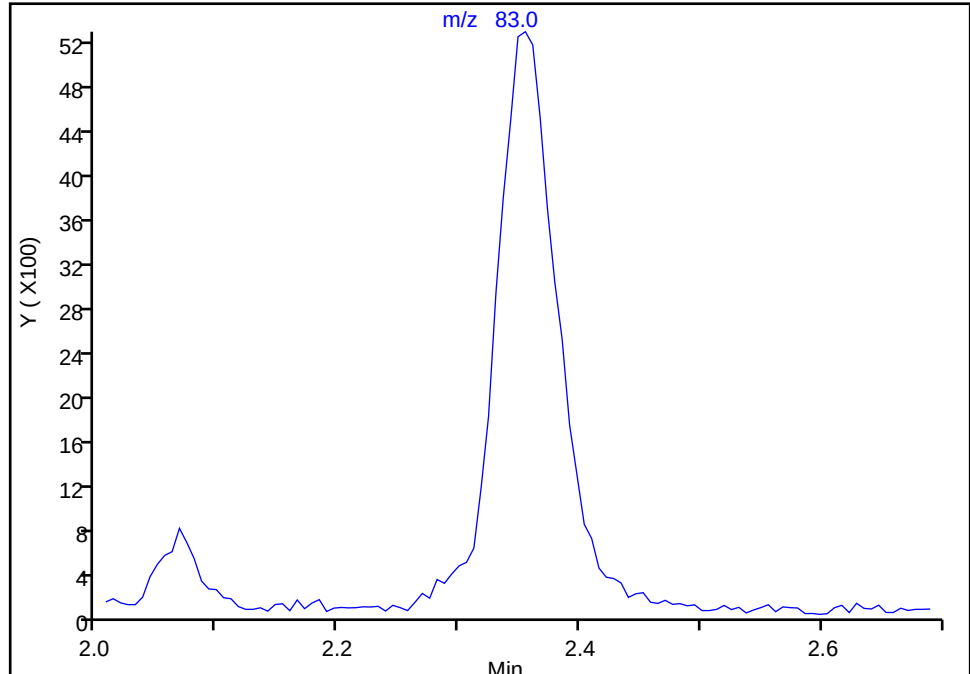
18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

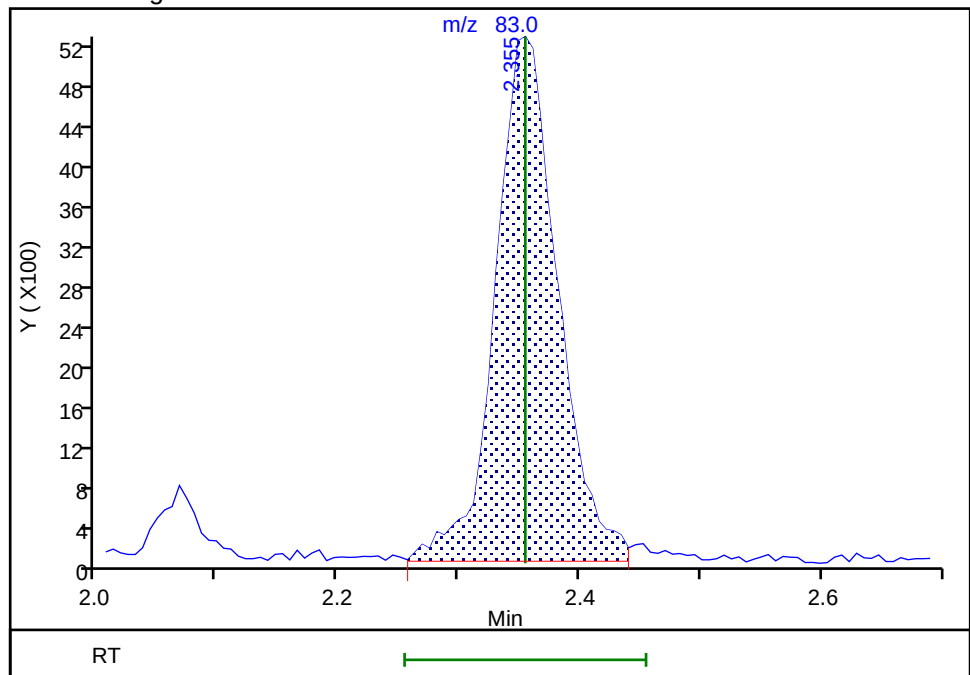
Not Detected

Expected RT: 2.35

Processing Integration Results



Manual Integration Results



RT: 2.35

Area: 18715

Amount: 4.871644

Amount Units: ug/l

Reviewer: baronm, 27-Apr-2020 17:29:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123407.D

Injection Date: 27-Apr-2020 13:23:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

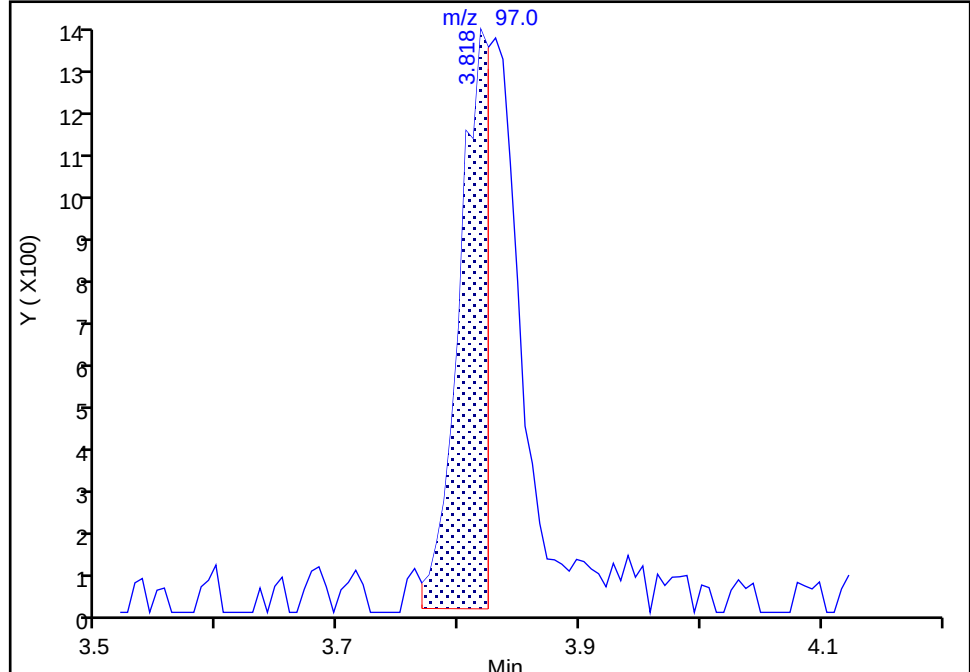
MS Quad

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

Signal: 1

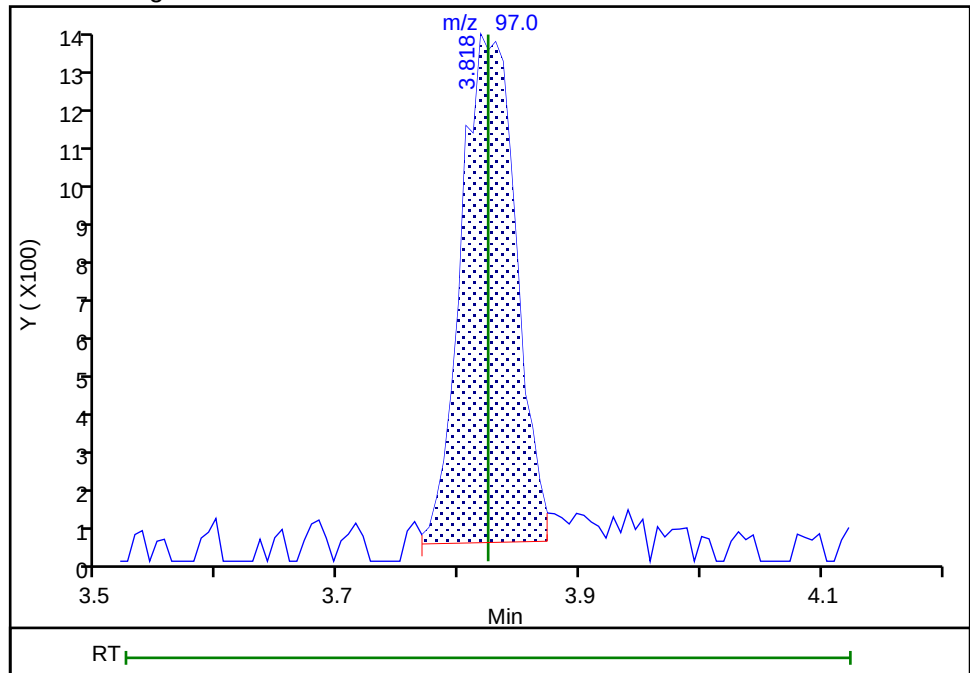
RT: 3.82
Area: 2347
Amount: 2.700779
Amount Units: ug/l

Processing Integration Results



RT: 3.82
Area: 4075
Amount: 4.563236
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:29:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123407.D

Injection Date: 27-Apr-2020 13:23:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

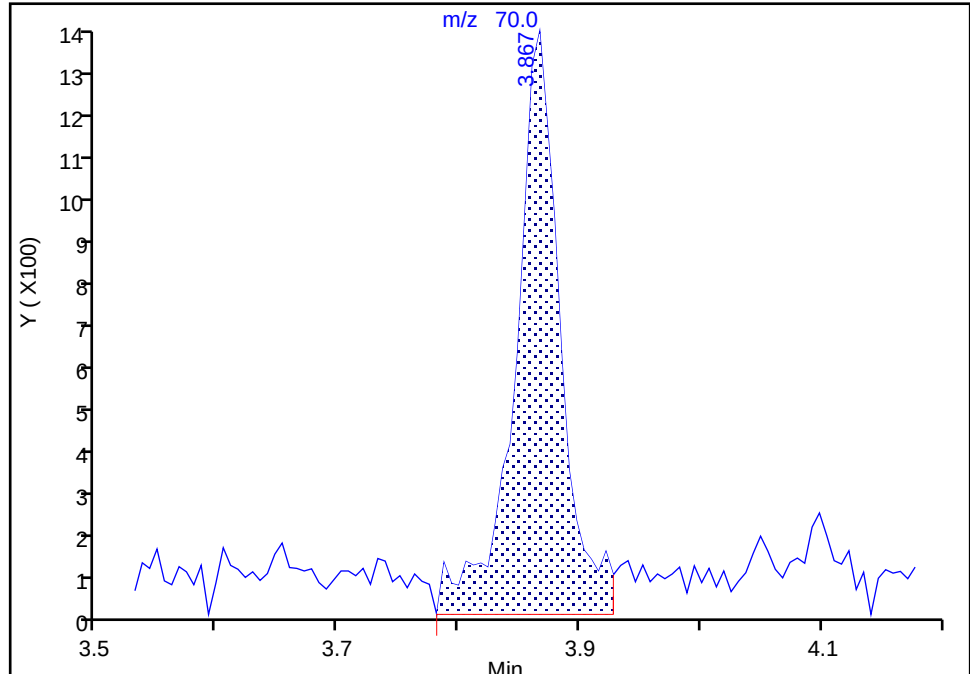
Detector MS Quad

46 Ethyl acetate, CAS: 141-78-6

Signal: 1

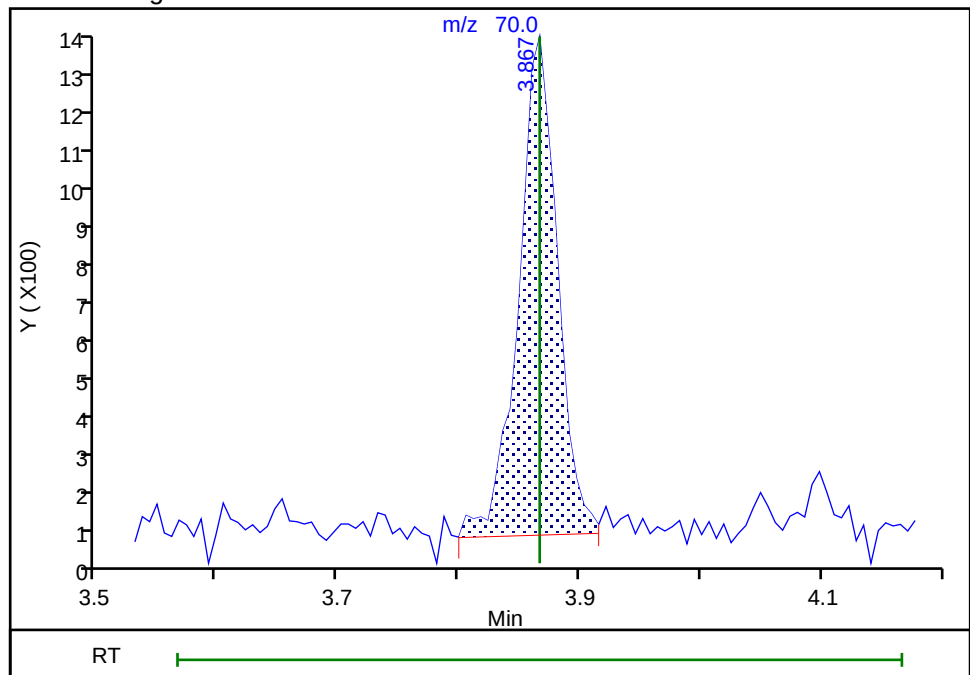
RT: 3.87
Area: 3544
Amount: 13.822861
Amount Units: ug/l

Processing Integration Results



RT: 3.87
Area: 2863
Amount: 11.170544
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 18:06:04

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123408.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 27-Apr-2020 13:43:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0109187-006
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:34:39 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:30:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.288	1.288	0.000	90	6991	20.0	20.7	
2 1,1-Difluoroethane	51	1.367	1.367	0.000	96	75393	20.0	20.5	
3 Chlorotrifluoroethene	116	1.367	1.367	0.000	52	24381	20.0	21.6	
4 Dichlorodifluoromethane	85	1.392	1.392	0.000	99	72888	20.0	20.5	
5 Chlorodifluoromethane	51	1.410	1.410	0.000	100	96063	20.0	21.2	
6 Chloromethane	50	1.538	1.538	0.000	99	90658	20.0	20.6	
7 Vinyl chloride	62	1.617	1.617	0.000	98	83318	20.0	20.4	
8 Butadiene	54	1.617	1.617	0.000	98	67601	20.0	19.7	
9 Bromomethane	94	1.855	1.855	0.000	99	47219	20.0	21.9	
10 Chloroethane	64	1.910	1.910	0.000	100	43700	20.0	20.0	
11 Dichlorofluoromethane	67	2.068	2.068	0.000	98	120398	20.0	21.0	
12 Trichlorofluoromethane	101	2.074	2.074	0.000	98	79445	20.0	20.6	
13 Pentane	72	2.086	2.086	0.000	97	19476	40.0	43.7	
14 Ethanol	46	2.245	2.245	0.000	87	15840	800.0	863.6	
15 Ethyl ether	74	2.257	2.257	0.000	93	30775	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	2.275	2.275	0.000	97	53479	20.0	20.9	
17 1,2-Dichloro-1,1,2-trifluo	117	2.306	2.306	0.000	90	44395	20.0	21.3	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.355	2.355	0.000	95	79466	20.0	22.2	a
19 Acrolein	56	2.410	2.410	0.000	95	12369	40.0	40.4	
20 1,1,2-Trichloro-1,2,2-trif	101	2.428	2.428	0.000	92	48629	20.0	21.6	
21 1,1-Dichloroethene	96	2.440	2.440	0.000	94	48873	20.0	20.4	
22 Acetone	43	2.519	2.519	0.000	86	81448	100.0	94.8	
23 Iodomethane	142	2.574	2.574	0.000	100	87478	20.0	21.8	
25 Isopropyl alcohol	45	2.599	2.599	0.000	36	41801	200.0	202.3	
24 Carbon disulfide	76	2.605	2.605	0.000	100	219314	20.0	21.9	
26 3-Chloro-1-propene	76	2.714	2.714	0.000	90	34244	20.0	21.5	
27 Methyl acetate	43	2.727	2.727	0.000	99	87173	40.0	42.0	
28 Cyclopentene	67	2.733	2.733	0.000	94	137415	20.0	21.5	
29 Acetonitrile	40	2.781	2.781	0.000	98	52371	200.0	241.5	
30 Methylene Chloride	84	2.830	2.830	0.000	98	61393	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.836	2.836	0.000	100	39249	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.897	2.897	0.000	98	58525	200.0	207.2	
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	97	144458	20.0	22.1	
34 trans-1,2-Dichloroethene	96	2.995	2.995	0.000	98	52078	20.0	20.8	
35 Acrylonitrile	53	3.068	3.068	0.000	94	215442	200.0	216.4	
36 Hexane	57	3.141	3.141	0.000	94	72348	20.0	22.0	
37 Isopropyl ether	45	3.336	3.336	0.000	97	200229	20.0	21.4	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	102081	20.0	21.5	
39 Vinyl acetate	86	3.379	3.379	0.000	100	13207	40.0	40.1	
40 2-Chloro-1,3-butadiene	88	3.397	3.397	0.000	93	45116	20.0	21.7	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	87	176477	20.0	21.9	
* 42 2-Butanone-d5	46	3.812	3.812	0.000	99	257898	250.0	250.0	
43 2,2-Dichloropropane	97	3.824	3.824	0.000	85	16703	20.0	21.3	
44 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	92	55629	20.0	20.5	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	95	27581	100.0	98.5	
46 Ethyl acetate	70	3.867	3.867	0.000	95	10921	40.0	44.4	
47 Methyl acrylate	55	3.915	3.915	0.000	99	46790	20.0	21.4	
48 Propionitrile	54	3.982	3.982	0.000	98	79243	200.0	199.5	
49 Chlorobromomethane	128	4.050	4.050	0.000	96	25511	20.0	22.0	
50 Tetrahydrofuran	72	4.056	4.056	0.000	95	12925	40.0	40.3	
51 Methacrylonitrile	67	4.080	4.080	0.000	95	209263	200.0	218.8	
52 Chloroform	83	4.104	4.104	0.000	98	88350	20.0	21.3	
53 Cyclohexane	84	4.220	4.220	0.000	95	76262	20.0	20.4	
54 1,1,1-Trichloroethane	97	4.239	4.239	0.000	98	78872	20.0	21.6	
\$ 55 Dibromofluoromethane (Surr	113	4.251	4.251	0.000	96	93190	50.0	51.3	
56 Carbon tetrachloride	117	4.348	4.348	0.000	98	61496	20.0	20.3	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	67755	20.0	21.1	
58 Isobutyl alcohol	43	4.507	4.507	0.000	96	109310	500.0	499.8	
59 Isooctane	57	4.537	4.537	0.000	97	194231	20.0	21.0	
60 Benzene	78	4.562	4.562	0.000	98	200069	20.0	21.9	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.580	4.580	0.000	96	116443	50.0	50.5	
62 Tert-amyl methyl ether	73	4.635	4.635	0.000	75	161051	20.0	21.8	
63 Isopropyl acetate	61	4.635	4.635	0.000	93	26837	20.0	21.4	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	96	64950	20.0	20.5	
65 n-Heptane	100	4.714	4.714	0.000	96	11167	20.0	21.7	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	376792	50.0	50.0	
67 n-Butanol	56	5.141	5.141	0.000	90	37791	500.0	504.5	
68 Trichloroethene	95	5.171	5.171	0.000	95	48805	20.0	20.1	
69 Methylcyclohexane	83	5.293	5.293	0.000	97	84768	20.0	19.6	
70 Ethyl acrylate	99	5.305	5.305	0.000	97	6671	20.0	21.6	
71 1,2-Dichloropropane	63	5.452	5.452	0.000	90	52917	20.0	20.7	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	21472	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	93	21881	40.0	41.0	
75 1,4-Dioxane	88	5.568	5.568	0.000	49	11377	400.0	427.4	
74 Dibromomethane	93	5.574	5.574	0.000	97	27973	20.0	20.0	
76 n-Propyl acetate	43	5.598	5.598	0.000	100	70179	20.0	20.5	
77 Dichlorobromomethane	83	5.720	5.720	0.000	99	61490	20.0	20.4	
78 2-Nitropropane	41	6.055	6.055	0.000	81	24608	40.0	39.2	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	86	31937	20.0	20.4	
80 Epichlorohydrin	57	6.159	6.159	0.000	99	101418	400.0	388.2	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	95	78133	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	263647	100.0	104.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	98	343192	50.0	51.3	
84 Toluene	91	6.519	6.519	0.000	93	188796	20.0	21.2	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	99	68032	20.0	21.0	
86 Ethyl methacrylate	69	6.909	6.909	0.000	92	60151	20.0	21.3	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	95	34004	20.0	20.3	
88 Tetrachloroethene	166	7.104	7.104	0.000	93	38656	20.0	21.8	
89 1,3-Dichloropropane	76	7.274	7.274	0.000	96	68535	20.0	21.6	
90 2-Hexanone	43	7.354	7.354	0.000	98	162459	100.0	104.4	
91 n-Butyl acetate	43	7.476	7.476	0.000	99	75058	20.0	21.0	
92 Chlorodibromomethane	129	7.500	7.500	0.000	98	37648	20.0	21.2	
93 Ethylene Dibromide	107	7.646	7.646	0.000	98	36992	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	93	244253	50.0	50.0	
95 Chlorobenzene	112	8.219	8.219	0.000	91	110291	20.0	21.4	
96 Ethylbenzene	106	8.335	8.335	0.000	99	61660	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.347	8.347	0.000	94	43176	20.0	21.8	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	98	76104	20.0	21.9	
99 o-Xylene	106	9.006	9.006	0.000	92	80336	20.0	21.9	
100 n-Butyl acrylate	73	9.024	9.024	0.000	96	36599	20.0	21.4	
101 Styrene	104	9.049	9.049	0.000	92	126279	20.0	21.8	
102 Bromoform	173	9.292	9.292	0.000	94	22020	20.0	20.8	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	89	91642	20.0	21.6	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	213876	20.0	21.5	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	84161	50.0	49.9	
106 Bromobenzene	156	9.829	9.829	0.000	93	42808	20.0	21.0	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	99	51841	20.0	20.9	
108 N-Propylbenzene	91	9.926	9.926	0.000	98	258234	20.0	21.8	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	98	14104	20.0	22.0	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	89	15514	20.0	19.0	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	176983	20.0	21.7	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	204028	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	181394	20.0	22.1	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	168127	20.0	22.3	
115 Butyl Methacrylate	87	10.268	10.268	0.000	93	65024	20.0	22.3	
116 tert-Butylbenzene	119	10.451	10.451	0.000	91	138563	20.0	21.4	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	184140	20.0	21.8	
118 sec-Butylbenzene	105	10.670	10.670	0.000	99	231194	20.0	21.6	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	82214	20.0	21.3	
120 4-Isopropyltoluene	119	10.816	10.816	0.000	97	187793	20.0	21.7	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	98	115044	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	94	81632	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	191920	20.0	21.9	
124 Benzyl chloride	91	11.042	11.042	0.000	97	94651	20.0	21.2	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	169191	20.0	21.8	
126 p-Diethylbenzene	119	11.176	11.176	0.000	90	98881	20.0	21.7	
127 n-Butylbenzene	92	11.194	11.194	0.000	97	107877	20.0	22.1	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	84807	20.0	21.6	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	192003	20.0	21.5	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	92	9708	20.0	19.9	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	70486	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	66943	20.0	20.7	
133 Hexachlorobutadiene	225	12.645	12.645	0.000	91	26943	20.0	20.9	
134 Naphthalene	128	12.749	12.749	0.000	99	181307	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
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	94	65769	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	
S 137 Xylenes, Total	100				0		40.0	43.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.4	
S 140 Total BTEX	1				0		100.0	108.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00117

Amount Added: 20.00

Units: uL

GASES Li_00365

Amount Added: 20.00

Units: uL

ACROLEIN W_00106

Amount Added: 4.00

Units: uL

524freon_00021

Amount Added: 20.00

Units: uL

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123408.D

Injection Date: 27-Apr-2020 13:43:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

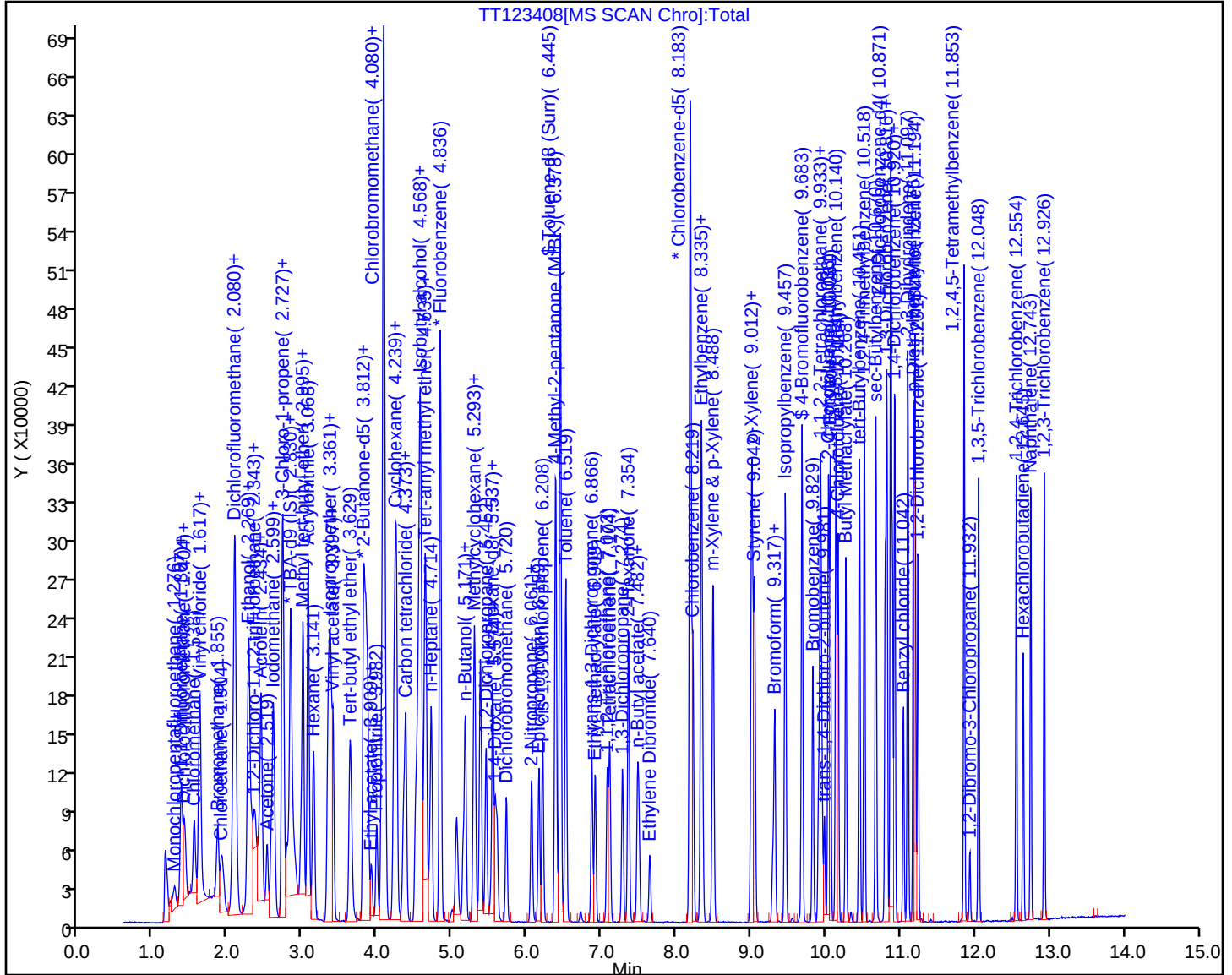
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123408.D

Injection Date: 27-Apr-2020 13:43:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

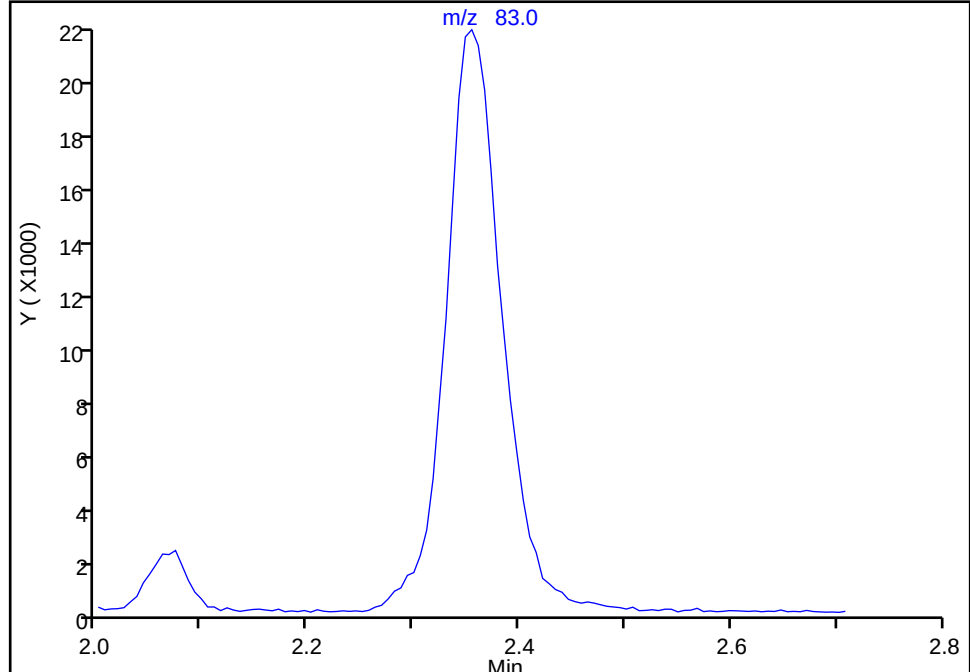
18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

Not Detected

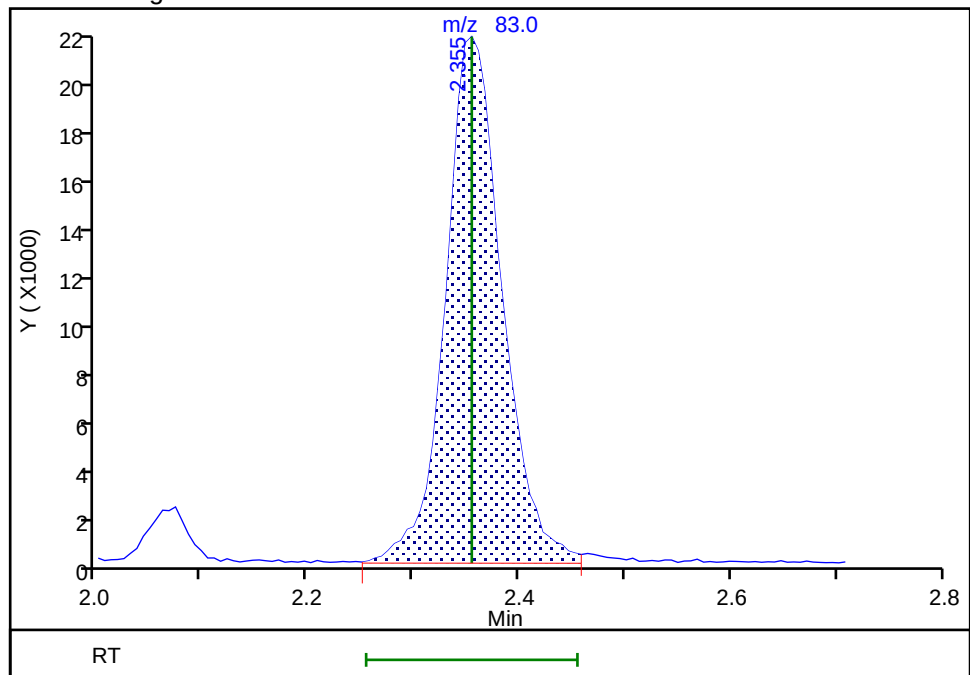
Expected RT: 2.35

Processing Integration Results



RT: 2.35
Area: 79466
Amount: 22.160964
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:30:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123409.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 27-Apr-2020 14:04:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0109187-007
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:34:51 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:31:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.276	1.288	-0.012	97	16146	50.0	52.1	
2 1,1-Difluoroethane	51	1.355	1.367	-0.012	96	193595	50.0	57.5	
3 Chlorotrifluoroethene	116	1.355	1.367	-0.012	51	58818	50.0	56.7	
4 Dichlorodifluoromethane	85	1.385	1.392	-0.007	99	188730	50.0	58.0	
5 Chlorodifluoromethane	51	1.404	1.410	-0.006	100	245487	50.0	59.0	
6 Chloromethane	50	1.526	1.538	-0.012	99	222612	50.0	55.3	
7 Vinyl chloride	62	1.605	1.617	-0.012	95	208439	50.0	55.6	
8 Butadiene	54	1.605	1.617	-0.012	99	170161	50.0	54.0	
9 Bromomethane	94	1.843	1.855	-0.012	99	105441	50.0	52.7	
10 Chloroethane	64	1.897	1.910	-0.013	100	98655	50.0	48.5	
11 Dichlorofluoromethane	67	2.056	2.068	-0.012	99	290660	50.0	55.4	
12 Trichlorofluoromethane	101	2.062	2.074	-0.012	98	196645	50.0	55.7	
13 Pentane	72	2.074	2.086	-0.012	97	42229	100.0	103.3	
14 Ethanol	46	2.233	2.245	-0.012	91	36006	2000.0	2077.3	
15 Ethyl ether	74	2.245	2.257	-0.012	93	72630	50.0	53.6	
16 2-Methyl-1,3-butadiene	53	2.263	2.275	-0.012	97	127337	50.0	54.2	
17 1,2-Dichloro-1,1,2-trifluo	117	2.300	2.306	-0.006	90	107932	50.0	56.6	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.349	2.355	-0.006	97	187804	50.0	57.1	a
19 Acrolein	56	2.397	2.410	-0.013	94	25917	100.0	89.5	
20 1,1,2-Trichloro-1,2,2-trif	101	2.416	2.428	-0.012	94	112913	50.0	54.8	
21 1,1-Dichloroethene	96	2.428	2.440	-0.012	95	115114	50.0	52.5	
22 Acetone	43	2.507	2.519	-0.012	87	193116	250.0	241.8	
23 Iodomethane	142	2.568	2.574	-0.006	100	204627	50.0	55.7	
25 Isopropyl alcohol	45	2.592	2.599	-0.007	35	96718	500.0	495.3	
24 Carbon disulfide	76	2.592	2.605	-0.013	100	517368	50.0	56.3	
26 3-Chloro-1-propene	76	2.708	2.714	-0.006	91	82209	50.0	56.3	
27 Methyl acetate	43	2.721	2.727	-0.007	99	207005	100.0	108.7	
28 Cyclopentene	67	2.727	2.733	-0.006	94	322415	50.0	55.0	
29 Acetonitrile	40	2.775	2.781	-0.006	99	123370	500.0	614.1	
30 Methylene Chloride	84	2.824	2.830	-0.006	97	142177	50.0	53.4	

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)	66	2.824	2.836	-0.012	64	37091	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.891	2.897	-0.006	97	133279	500.0	503.3	
33 Methyl tert-butyl ether	73	2.977	2.983	-0.006	98	330994	50.0	55.3	
34 trans-1,2-Dichloroethene	96	2.995	2.995	0.000	98	121965	50.0	53.0	
35 Acrylonitrile	53	3.062	3.068	-0.006	94	494845	500.0	542.1	
36 Hexane	57	3.135	3.141	-0.006	94	159052	50.0	52.8	
37 Isopropyl ether	45	3.330	3.336	-0.006	98	468455	50.0	54.5	
38 1,1-Dichloroethane	63	3.355	3.361	-0.006	99	233422	50.0	53.7	
39 Vinyl acetate	86	3.373	3.379	-0.006	100	25162	100.0	82.1	
40 2-Chloro-1,3-butadiene	88	3.397	3.397	0.000	93	104347	50.0	54.8	
41 Tert-butyl ethyl ether	59	3.623	3.629	-0.006	88	403468	50.0	54.6	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	100	239799	250.0	250.0	
43 2,2-Dichloropropane	97	3.818	3.824	-0.006	92	39107	50.0	55.0	
44 cis-1,2-Dichloroethene	96	3.836	3.842	-0.006	93	129049	50.0	51.9	
45 2-Butanone (MEK)	72	3.854	3.861	-0.007	98	64766	250.0	248.7	
46 Ethyl acetate	70	3.861	3.867	-0.006	96	25594	100.0	112.1	
47 Methyl acrylate	55	3.909	3.915	-0.006	99	107809	50.0	53.9	
48 Propionitrile	54	3.982	3.982	0.000	98	186032	500.0	495.6	
49 Chlorobromomethane	128	4.043	4.050	-0.007	98	57565	50.0	54.1	
50 Tetrahydrofuran	72	4.050	4.056	-0.006	96	30206	100.0	101.4	
51 Methacrylonitrile	67	4.074	4.080	-0.006	94	483507	500.0	551.4	
52 Chloroform	83	4.098	4.104	-0.006	98	201764	50.0	53.1	
53 Cyclohexane	84	4.214	4.220	-0.006	95	172414	50.0	50.3	
54 1,1,1-Trichloroethane	97	4.232	4.239	-0.006	98	179834	50.0	53.6	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	84411	50.0	50.7	
56 Carbon tetrachloride	117	4.342	4.348	-0.006	98	143216	50.0	51.7	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	155754	50.0	53.0	
58 Isobutyl alcohol	43	4.501	4.507	-0.006	96	259736	1250.0	1256.6	
59 Isooctane	57	4.537	4.537	0.000	99	454058	50.0	53.7	
60 Benzene	78	4.556	4.562	-0.006	98	462345	50.0	51.8	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	97	103879	50.0	49.1	
62 Tert-amyl methyl ether	73	4.629	4.635	-0.006	73	362527	50.0	53.4	
63 Isopropyl acetate	61	4.629	4.635	-0.006	93	62796	50.0	54.5	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	96	147032	50.0	50.5	
65 n-Heptane	100	4.714	4.714	0.000	96	24215	50.0	51.3	
* 66 Fluorobenzene	96	4.836	4.836	0.000	98	345471	50.0	50.0	
67 n-Butanol	56	5.141	5.141	0.000	91	91290	1250.0	1289.5	
68 Trichloroethene	95	5.171	5.171	0.000	95	117942	50.0	53.1	
69 Methylcyclohexane	83	5.287	5.293	-0.006	97	196800	50.0	49.5	
70 Ethyl acrylate	99	5.299	5.305	-0.006	98	15877	50.0	56.0	
71 1,2-Dichloropropane	63	5.446	5.452	-0.006	90	123074	50.0	52.5	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	90	21254	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	93	52635	100.0	107.5	
75 1,4-Dioxane	88	5.561	5.568	-0.007	49	27381	1000.0	1039.2	
74 Dibromomethane	93	5.568	5.574	-0.006	94	66240	50.0	51.7	
76 n-Propyl acetate	43	5.598	5.598	0.000	99	168032	50.0	53.4	
77 Dichlorobromomethane	83	5.720	5.720	0.000	99	145539	50.0	52.7	
78 2-Nitropropane	41	6.055	6.055	0.000	98	58932	100.0	103.5	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	98	77546	50.1	54.1	
80 Epichlorohydrin	57	6.159	6.159	0.000	99	250088	1000.0	1029.6	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	94	187237	50.0	52.5	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	629609	250.0	267.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.439	6.445	-0.006	98	324818	50.0	49.6	
84 Toluene	91	6.519	6.519	0.000	93	451125	50.0	51.8	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	97	166453	50.0	52.5	
86 Ethyl methacrylate	69	6.909	6.909	0.000	92	149891	50.0	54.2	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	96	82688	50.0	50.5	
88 Tetrachloroethene	166	7.104	7.104	0.000	92	92605	50.0	53.4	
89 1,3-Dichloropropane	76	7.274	7.274	0.000	97	166172	50.0	53.5	
90 2-Hexanone	43	7.354	7.354	0.000	98	391560	250.0	270.7	
91 n-Butyl acetate	43	7.476	7.476	0.000	99	180464	50.0	51.6	
92 Chlorodibromomethane	129	7.494	7.500	-0.006	98	92482	50.0	53.1	
93 Ethylene Dibromide	107	7.640	7.646	-0.006	98	88762	50.0	52.5	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	239180	50.0	50.0	
95 Chlorobenzene	112	8.219	8.219	0.000	91	268600	50.0	53.2	
96 Ethylbenzene	106	8.329	8.335	-0.006	99	150770	50.0	53.9	
97 1,1,1,2-Tetrachloroethane	131	8.347	8.347	0.000	93	104323	50.0	53.9	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	98	183806	50.0	54.0	
99 o-Xylene	106	9.006	9.006	0.000	92	193500	50.0	53.8	
100 n-Butyl acrylate	73	9.018	9.024	-0.006	96	87904	50.0	52.4	
101 Styrene	104	9.042	9.049	-0.007	92	306288	50.0	54.1	
102 Bromoform	173	9.292	9.292	0.000	94	54816	50.0	52.8	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	89	216437	50.0	55.0	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	524168	50.0	53.8	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	81744	50.0	49.5	
106 Bromobenzene	156	9.829	9.829	0.000	93	104437	50.0	55.0	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	99	121230	50.0	52.7	
108 N-Propylbenzene	91	9.926	9.926	0.000	98	626545	50.0	56.8	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	98	34218	50.0	57.5	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	89	36881	50.0	48.7	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	421559	50.0	55.6	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	482581	50.0	56.6	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	433377	50.0	56.7	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	393099	50.0	56.0	
115 Butyl Methacrylate	87	10.268	10.268	0.000	93	153619	50.0	56.7	
116 tert-Butylbenzene	119	10.451	10.451	0.000	91	338768	50.0	56.3	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	436624	50.0	55.7	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	556360	50.0	55.9	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	195742	50.0	54.6	
120 4-Isopropyltoluene	119	10.816	10.816	0.000	97	454722	50.0	56.6	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	98	106945	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	92	191442	50.0	54.0	
123 1,2,3-Trimethylbenzene	105	10.926	10.920	0.006	100	457702	50.0	56.2	
124 Benzyl chloride	91	11.042	11.042	0.000	98	221060	50.0	53.3	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	404989	50.0	56.2	
126 p-Diethylbenzene	119	11.176	11.176	0.000	91	232979	50.0	55.1	
127 n-Butylbenzene	92	11.194	11.194	0.000	97	251422	50.0	55.3	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	195938	50.0	53.7	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	469427	50.0	56.6	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	94	24056	50.0	53.1	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	96	167425	50.0	54.4	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	163791	50.0	54.5	
133 Hexachlorobutadiene	225	12.645	12.645	0.000	91	67332	50.0	56.2	
134 Naphthalene	128	12.749	12.749	0.000	99	439013	50.0	55.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	94	160141	50.0	55.0	
S 136 1,2-Dichloroethene, Total	100				0		100.0	104.9	
S 137 Xylenes, Total	100				0		100.0	107.7	
S 138 Total 1,2-dichloroethene	1				0			104.9	
S 139 1,3-Dichloropropene, Total	1				0		100.0	104.9	
S 140 Total BTEX	1				0		250.0	265.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00117	Amount Added: 50.00	Units: uL	
GASES Li_00365	Amount Added: 50.00	Units: uL	
ACROLEIN W_00106	Amount Added: 10.00	Units: uL	
524freon_00021	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123409.D

Injection Date: 27-Apr-2020 14:04:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

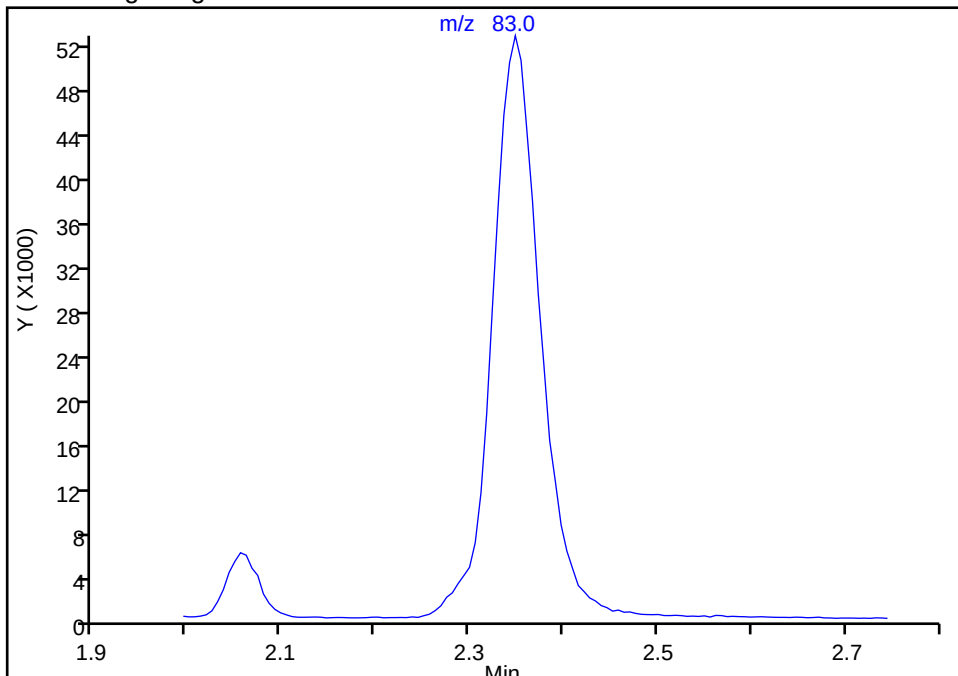
18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

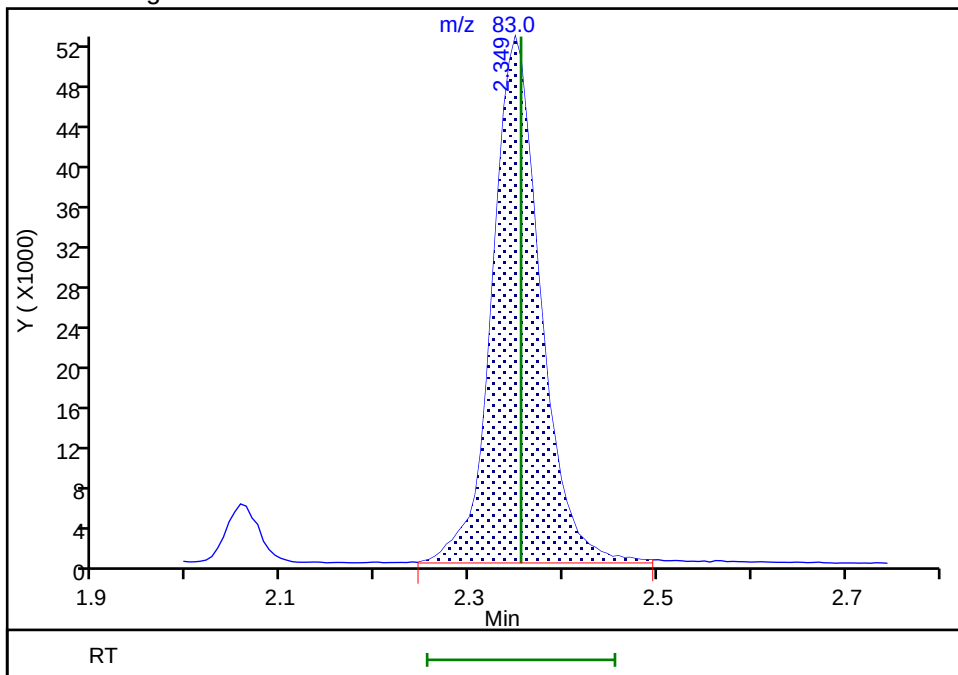
Not Detected

Expected RT: 2.35

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:31:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123410.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 27-Apr-2020 14:25:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0109187-008
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:35:04 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:33:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.282	1.288	-0.006	76	58527	200.0	198.4	
2 1,1-Difluoroethane	51	1.361	1.367	-0.006	96	720359	200.0	224.9	
3 Chlorotrifluoroethene	116	1.361	1.367	-0.006	51	202515	200.0	205.3	
4 Dichlorodifluoromethane	85	1.392	1.392	0.000	99	721567	200.0	233.1	
5 Chlorodifluoromethane	51	1.404	1.410	-0.006	100	819445	200.0	207.1	
6 Chloromethane	50	1.532	1.538	-0.006	99	831015	200.0	216.9	
7 Vinyl chloride	62	1.611	1.617	-0.006	91	751815	200.0	210.9	
8 Butadiene	54	1.611	1.617	-0.006	98	610668	200.0	203.8	
9 Bromomethane	94	1.849	1.855	-0.006	99	402944	200.0	209.2	
10 Chloroethane	64	1.904	1.910	-0.006	100	377496	200.0	192.7	
11 Dichlorofluoromethane	67	2.062	2.068	-0.006	99	1067828	200.0	213.8	
12 Trichlorofluoromethane	101	2.068	2.074	-0.006	98	698830	200.0	207.9	
13 Pentane	72	2.081	2.086	-0.006	96	119597	400.0	307.5	
14 Ethanol	46	2.251	2.245	0.006	84	126085	8000.0	8445.4	
15 Ethyl ether	74	2.251	2.257	-0.006	93	256063	200.0	198.5	
16 2-Methyl-1,3-butadiene	53	2.269	2.275	-0.006	97	390114	200.0	174.6	
17 1,2-Dichloro-1,1,2-trifluo	117	2.306	2.306	0.000	90	354133	200.0	195.1	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.355	2.355	0.000	97	635801	200.0	203.2	a
19 Acrolein	56	2.404	2.410	-0.006	93	48949	200.0	196.3	
20 1,1,2-Trichloro-1,2,2-trif	101	2.422	2.428	-0.006	93	359614	200.0	183.4	
21 1,1-Dichloroethene	96	2.434	2.440	-0.006	95	386078	200.0	184.9	
22 Acetone	43	2.513	2.519	-0.006	86	882150	1000.0	1147.4	
23 Iodomethane	142	2.574	2.574	0.000	100	698154	200.0	199.8	
25 Isopropyl alcohol	45	2.593	2.599	-0.006	97	315221	2000.0	1874.1	a
24 Carbon disulfide	76	2.599	2.605	-0.006	100	1695715	200.0	193.8	
26 3-Chloro-1-propene	76	2.715	2.714	0.001	91	276570	200.0	199.1	
27 Methyl acetate	43	2.727	2.727	0.000	99	695088	400.0	383.6	
28 Cyclopentene	67	2.733	2.733	0.000	94	958762	200.0	172.0	
29 Acetonitrile	40	2.775	2.781	-0.006	99	371721	2000.0	1949.0	
30 Methylene Chloride	84	2.830	2.830	0.000	97	483862	200.0	190.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.836	2.836	0.000	43	31947	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.891	2.897	-0.006	98	454938	2000.0	2003.1	
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	98	1139133	200.0	199.9	
34 trans-1,2-Dichloroethene	96	2.995	2.995	0.000	98	409177	200.0	187.0	
35 Acrylonitrile	53	3.062	3.068	-0.006	94	1689648	2000.0	1945.4	
36 Hexane	57	3.135	3.141	-0.006	94	496309	200.0	173.0	
37 Isopropyl ether	45	3.336	3.336	0.000	98	1562697	200.0	191.0	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	810255	200.0	196.1	
39 Vinyl acetate	86	3.373	3.379	-0.006	100	94952	400.0	321.9	
40 2-Chloro-1,3-butadiene	88	3.397	3.397	0.000	92	335076	200.0	185.0	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	88	1331501	200.0	189.2	
* 42 2-Butanone-d5	46	3.806	3.812	-0.006	96	230836	250.0	250.0	
43 2,2-Dichloropropane	97	3.824	3.824	0.000	96	131621	200.0	195.7	
44 cis-1,2-Dichloroethene	96	3.836	3.842	-0.006	93	452840	200.0	191.4	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	96	250490	1000.0	999.3	
46 Ethyl acetate	70	3.867	3.867	0.000	96	86244	400.0	394.6	
47 Methyl acrylate	55	3.909	3.915	-0.006	99	363487	200.0	190.8	
48 Propionitrile	54	3.983	3.982	0.001	98	638185	2000.0	1974.0	
49 Chlorobromomethane	128	4.050	4.050	0.000	97	199755	200.0	197.1	
50 Tetrahydrofuran	72	4.050	4.056	-0.006	66	105914	400.0	369.3	
51 Methacrylonitrile	67	4.080	4.080	0.000	94	1592388	2000.0	1908.6	
52 Chloroform	83	4.098	4.104	-0.006	98	675918	200.0	186.8	
53 Cyclohexane	84	4.220	4.220	0.000	94	561062	200.0	172.0	
54 1,1,1-Trichloroethane	97	4.239	4.239	0.001	99	613711	200.0	192.3	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	94	77253	50.0	48.7	
56 Carbon tetrachloride	117	4.348	4.348	0.000	98	516533	200.0	195.8	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	544404	200.0	194.8	
58 Isobutyl alcohol	43	4.507	4.507	0.000	96	889110	5000.0	4994.1	
59 Isooctane	57	4.543	4.537	0.006	97	1473013	200.0	182.9	
60 Benzene	78	4.562	4.562	0.000	98	1612402	200.0	178.1	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.580	4.580	0.000	66	102049	50.0	50.7	
62 Tert-amyl methyl ether	73	4.635	4.635	0.000	88	1192745	200.0	184.7	
63 Isopropyl acetate	61	4.635	4.635	0.000	94	210542	200.0	192.1	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	96	516710	200.0	186.5	
65 n-Heptane	100	4.714	4.714	0.000	96	81815	200.0	182.0	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	328731	50.0	50.0	
67 n-Butanol	56	5.141	5.141	0.000	89	338737	5000.0	5555.3	
68 Trichloroethene	95	5.171	5.171	0.000	95	426200	200.0	201.6	
69 Methylcyclohexane	83	5.293	5.293	0.000	84	677972	200.0	179.3	
70 Ethyl acrylate	99	5.299	5.305	-0.006	98	55070	200.0	204.1	
71 1,2-Dichloropropane	63	5.452	5.452	0.000	90	444979	200.0	199.6	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	88	21442	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	93	183933	400.0	394.9	
75 1,4-Dioxane	88	5.562	5.568	-0.006	93	97527	4000.0	3669.0	
74 Dibromomethane	93	5.574	5.574	0.000	92	239584	200.0	196.4	
76 n-Propyl acetate	43	5.598	5.598	0.000	99	600562	200.0	200.7	
77 Dichlorobromomethane	83	5.720	5.720	0.000	99	545218	200.0	207.4	
78 2-Nitropropane	41	6.055	6.055	0.000	98	222100	400.0	411.9	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	97	279919	200.5	205.2	
80 Epichlorohydrin	57	6.159	6.159	0.000	100	917265	4000.0	3923.1	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	94	692135	200.0	191.3	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	2278362	1000.0	1007.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.446	6.445	0.001	98	310810	50.0	46.8	
84 Toluene	91	6.519	6.519	0.000	93	1630293	200.0	184.7	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	97	633410	200.0	196.9	
86 Ethyl methacrylate	69	6.909	6.909	0.000	92	554362	200.0	197.5	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	96	309313	200.0	186.4	
88 Tetrachloroethene	166	7.104	7.104	0.000	93	338118	200.0	192.3	
89 1,3-Dichloropropane	76	7.275	7.274	0.001	96	616822	200.0	195.9	
90 2-Hexanone	43	7.354	7.354	0.000	98	1469676	1000.0	1055.4	
91 n-Butyl acetate	43	7.476	7.476	0.000	98	652545	200.0	184.0	
92 Chlorodibromomethane	129	7.500	7.500	0.000	98	356052	200.0	201.7	
93 Ethylene Dibromide	107	7.646	7.646	0.000	98	334569	200.0	195.1	
* 94 Chlorobenzene-d5	117	8.189	8.183	0.006	92	242514	50.0	50.0	
95 Chlorobenzene	112	8.220	8.219	0.001	90	1005631	200.0	196.5	
96 Ethylbenzene	106	8.335	8.335	0.000	99	549845	200.0	193.8	
97 1,1,1,2-Tetrachloroethane	131	8.348	8.347	0.001	95	384348	200.0	195.8	
98 m-Xylene & p-Xylene	106	8.494	8.488	0.006	98	669921	200.0	194.0	
99 o-Xylene	106	9.006	9.006	0.000	92	723713	200.0	198.3	
100 n-Butyl acrylate	73	9.018	9.024	-0.006	96	307886	200.0	181.0	
101 Styrene	104	9.049	9.049	0.000	92	1106568	200.0	192.6	
102 Bromoform	173	9.293	9.292	0.000	94	219692	200.0	208.8	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	89	761107	200.0	194.4	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	1902739	200.0	192.7	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	82822	50.0	49.4	
106 Bromobenzene	156	9.829	9.829	0.000	93	392446	200.0	208.0	
107 1,1,2,2-Tetrachloroethane	83	9.908	9.902	0.006	99	453663	200.0	198.2	
108 N-Propylbenzene	91	9.933	9.926	0.007	98	2242685	200.0	204.5	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	98	119861	200.0	202.4	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	91	131571	200.0	174.6	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	1498156	200.0	198.8	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	1607049	200.0	189.4	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	1549250	200.0	203.9	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	1393274	200.0	199.5	
115 Butyl Methacrylate	87	10.268	10.268	0.000	94	525179	200.0	195.0	
116 tert-Butylbenzene	119	10.451	10.451	0.000	93	1280364	200.0	213.7	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	1579046	200.0	202.6	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	2051518	200.0	207.2	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	717788	200.0	201.3	
120 4-Isopropyltoluene	119	10.823	10.816	0.007	97	1642528	200.0	205.4	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	97	106377	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	92	692482	200.0	196.5	
123 1,2,3-Trimethylbenzene	105	10.926	10.920	0.006	99	1581840	200.0	195.4	
124 Benzyl chloride	91	11.042	11.042	0.000	97	783374	200.0	189.8	
125 2,3-Dihydroindene	117	11.103	11.097	0.006	94	1393637	200.0	194.4	
126 p-Diethylbenzene	119	11.176	11.176	0.000	93	805795	200.0	191.6	
127 n-Butylbenzene	92	11.195	11.194	0.001	98	883508	200.0	195.4	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	703871	200.0	193.9	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	1747864	200.0	212.0	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	94	93105	200.0	206.5	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	96	611925	200.0	199.8	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	94	622565	200.0	208.4	
133 Hexachlorobutadiene	225	12.646	12.645	0.001	91	271160	200.0	227.7	
134 Naphthalene	128	12.749	12.749	0.000	99	1625725	200.0	204.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	95	602750	200.0	208.0	
S 136 1,2-Dichloroethene, Total	100				0		400.0	378.3	
S 137 Xylenes, Total	100				0		400.0	392.2	
S 138 Total 1,2-dichloroethene	1				0			378.3	
S 139 1,3-Dichloropropene, Total	1				0		400.0	388.2	
S 140 Total BTEX	1				0		1000.0	948.9	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00106	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00097	Amount Added: 20.00	Units: uL	
MIX I Hi_00124	Amount Added: 20.00	Units: uL	
Ethanol mix_00039	Amount Added: 20.00	Units: uL	
8FreonHi_00017	Amount Added: 20.00	Units: uL	
GAS Hi_00357	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123410.D

Injection Date: 27-Apr-2020 14:25:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

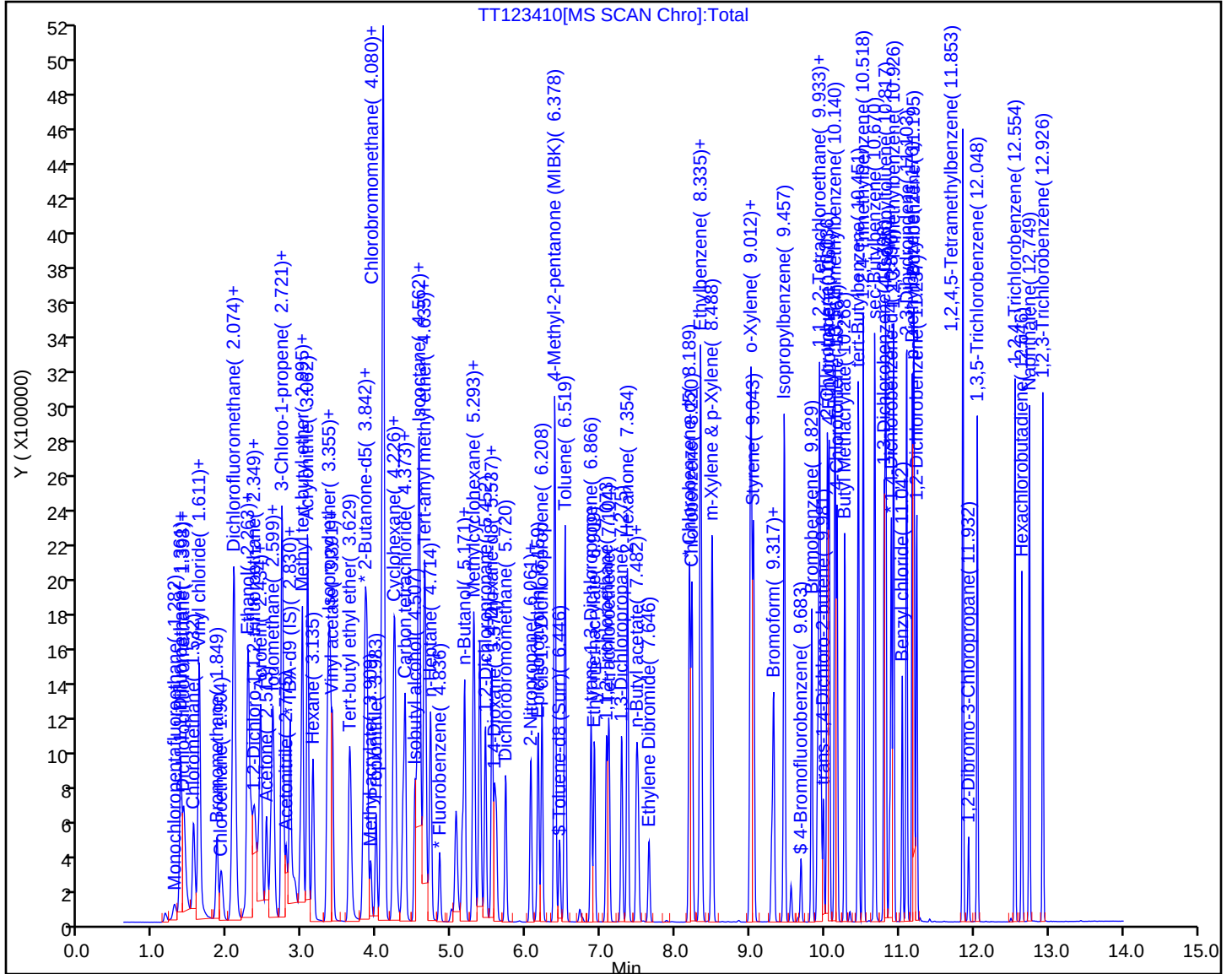
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123410.D

Injection Date: 27-Apr-2020 14:25:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

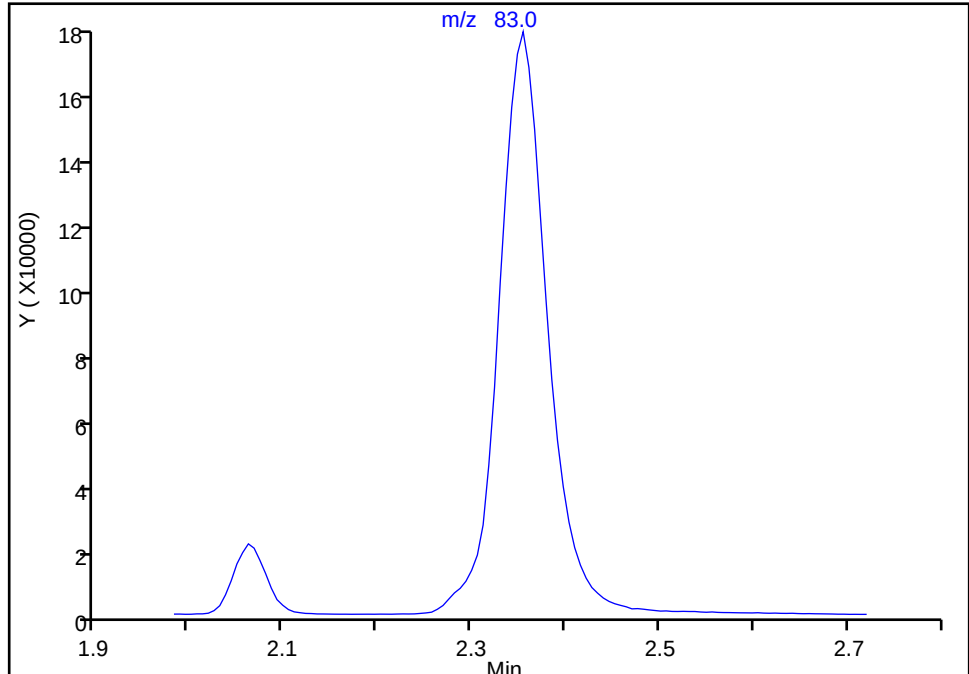
18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

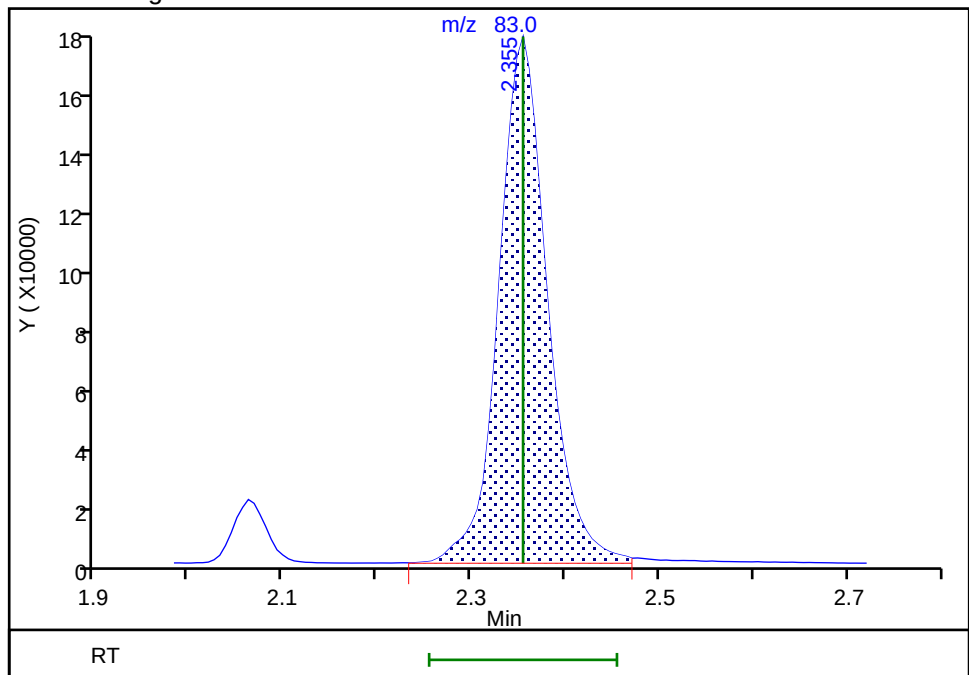
Not Detected

Expected RT: 2.35

Processing Integration Results



Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:32:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123410.D

Injection Date: 27-Apr-2020 14:25:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

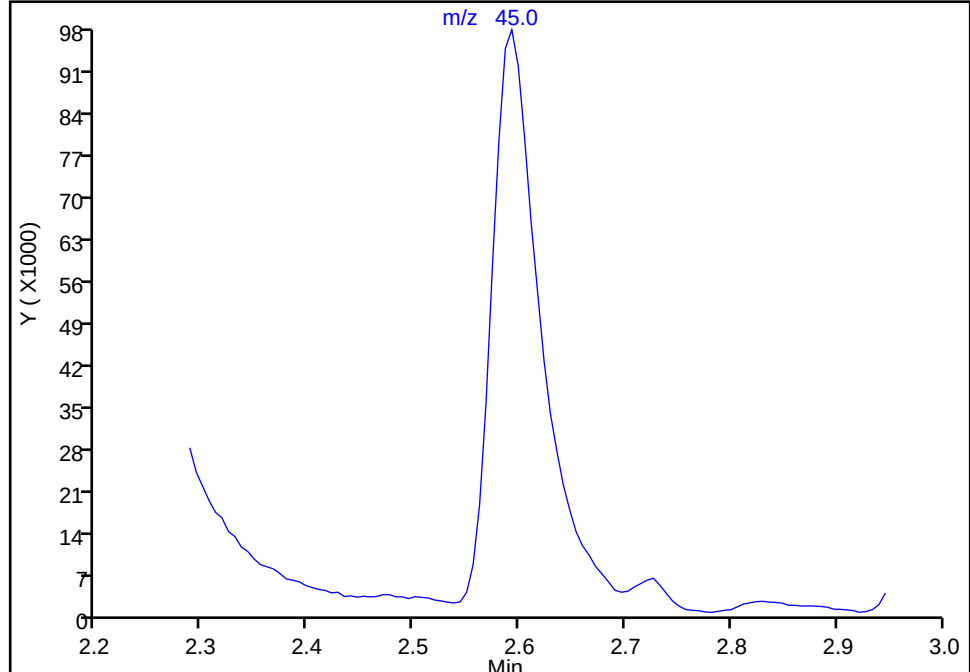
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

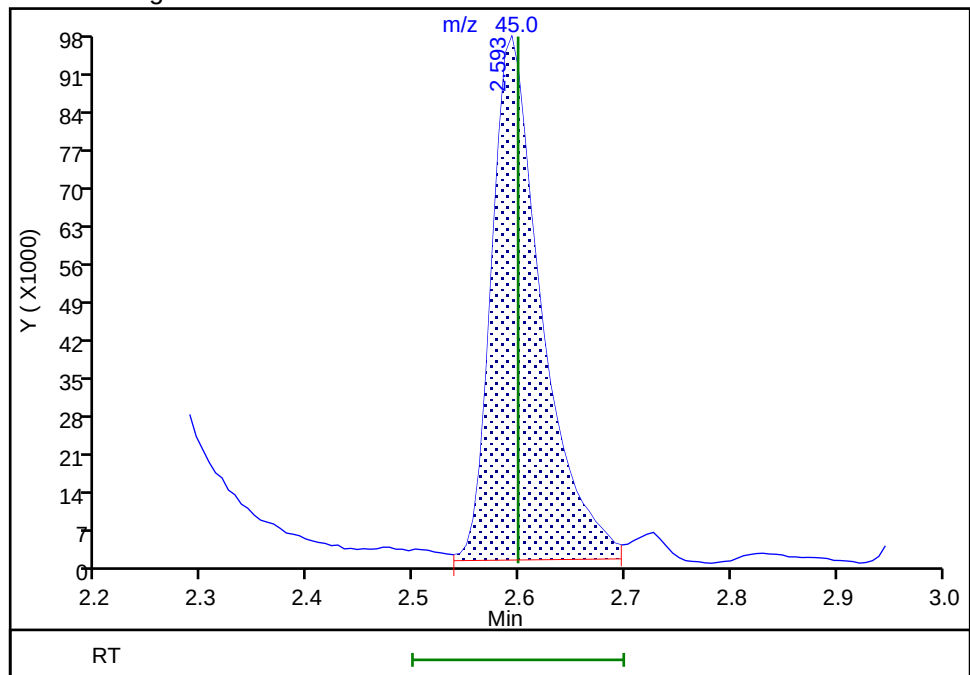
Not Detected

Expected RT: 2.60

Processing Integration Results



Manual Integration Results



RT: 2.59
Area: 315221
Amount: 1874.0752
Amount Units: ug/l

Reviewer: baronm, 27-Apr-2020 17:32:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 27-Apr-2020 14:45:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0109187-009
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 28-Apr-2020 11:35:15 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX0327

First Level Reviewer: baronm

Date: 27-Apr-2020 17:34:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.288	1.288	0.000	82	176919	500.0	588.7	
2 1,1-Difluoroethane	51	1.367	1.367	0.000	97	1866350	500.0	572.0	
3 Chlorotrifluoroethene	116	1.367	1.367	0.000	56	582224	500.0	579.2	
4 Dichlorodifluoromethane	85	1.392	1.392	0.000	99	1758094	500.0	557.4	
5 Chlorodifluoromethane	51	1.410	1.410	0.000	100	2194916	500.0	544.5	
6 Chloromethane	50	1.538	1.538	0.000	99	1969338	500.0	504.3	
7 Vinyl chloride	62	1.617	1.617	0.000	93	1698587	500.0	467.6	
8 Butadiene	54	1.617	1.617	0.000	98	1390376	500.0	455.3	
9 Bromomethane	94	1.855	1.855	0.000	99	779729	500.0	407.5	
10 Chloroethane	64	1.910	1.910	0.000	100	753098	500.0	387.0	
11 Dichlorofluoromethane	67	2.068	2.068	0.000	99	2432107	500.0	477.8	
12 Trichlorofluoromethane	101	2.074	2.074	0.000	99	1602150	500.0	467.7	
13 Pentane	72	2.093	2.086	0.007	97	337477	1000.0	851.5	
14 Ethanol	46	2.251	2.245	0.006	84	289937	20000	21805	
15 Ethyl ether	74	2.251	2.257	-0.006	94	607005	500.0	461.7	
16 2-Methyl-1,3-butadiene	53	2.276	2.275	0.001	97	1030287	500.0	452.6	
17 1,2-Dichloro-1,1,2-trifluo	117	2.312	2.306	0.006	89	899432	500.0	486.3	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.361	2.355	0.006	95	1552155	500.0	486.9	a
19 Acrolein	56	2.404	2.410	-0.006	93	91422	400.0	411.6	
20 1,1,2-Trichloro-1,2,2-trif	101	2.428	2.428	0.000	92	944703	500.0	472.8	
21 1,1-Dichloroethene	96	2.446	2.440	0.006	95	951748	500.0	447.4	
22 Acetone	43	2.513	2.519	-0.006	86	2144138	2500.0	2807.5	
23 Iodomethane	142	2.580	2.574	0.006	100	1696322	500.0	476.4	
25 Isopropyl alcohol	45	2.599	2.599	0.000	97	745077	5000.0	4973.5	a
24 Carbon disulfide	76	2.611	2.605	0.006	99	4102538	500.0	460.1	
26 3-Chloro-1-propene	76	2.714	2.714	0.000	94	684329	500.0	483.6	
27 Methyl acetate	43	2.727	2.727	0.000	99	1696223	1000.0	918.7	
28 Cyclopentene	67	2.733	2.733	0.000	94	2518099	500.0	443.4	
29 Acetonitrile	40	2.782	2.781	0.001	99	918231	5000.0	5007.4	a
30 Methylene Chloride	84	2.836	2.830	0.006	97	1186419	500.0	459.2	

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)	66	2.836	2.836	0.000	36	28454	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.903	2.897	0.006	98	1069978	5000.0	5294.1	
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	98	2682716	500.0	462.0	
34 trans-1,2-Dichloroethene	96	3.001	2.995	0.006	98	1005425	500.0	450.9	
35 Acrylonitrile	53	3.068	3.068	0.000	94	4019289	5000.0	4541.7	
36 Hexane	57	3.141	3.141	0.000	94	1398424	500.0	478.4	
37 Isopropyl ether	45	3.342	3.336	0.006	97	3870082	500.0	464.3	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	1985703	500.0	471.5	
39 Vinyl acetate	86	3.379	3.379	0.000	100	274207	1000.0	935.8	
40 2-Chloro-1,3-butadiene	88	3.403	3.397	0.006	92	864720	500.0	468.5	
41 Tert-butyl ethyl ether	59	3.635	3.629	0.006	88	3375375	500.0	470.8	
* 42 2-Butanone-d5	46	3.812	3.812	0.000	95	229300	250.0	250.0	
43 2,2-Dichloropropane	97	3.830	3.824	0.006	96	332508	500.0	485.7	
44 cis-1,2-Dichloroethene	96	3.842	3.842	0.000	93	1138935	500.0	472.3	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	96	601574	2500.0	2415.9	
46 Ethyl acetate	70	3.867	3.867	0.000	96	214676	1000.0	1000.7	
47 Methyl acrylate	55	3.915	3.915	0.000	99	920563	500.0	474.3	
48 Propionitrile	54	3.989	3.982	0.007	98	1617147	5000.0	5616.1	
49 Chlorobromomethane	128	4.056	4.050	0.006	95	502611	500.0	486.8	
50 Tetrahydrofuran	72	4.050	4.056	-0.006	70	260853	1000.0	915.7	
51 Methacrylonitrile	67	4.086	4.080	0.006	93	3841050	5000.0	4518.2	
52 Chloroform	83	4.104	4.104	0.000	98	1631935	500.0	442.6	
53 Cyclohexane	84	4.226	4.220	0.006	94	1538847	500.0	463.1	
54 1,1,1-Trichloroethane	97	4.239	4.239	0.001	98	1582949	500.0	486.8	
\$ 55 Dibromofluoromethane (Surr	113	4.251	4.251	0.000	95	75933	50.0	47.0	
56 Carbon tetrachloride	117	4.348	4.348	0.000	97	1305635	500.0	485.8	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	95	1404283	500.0	493.0	
58 Isobutyl alcohol	43	4.507	4.507	0.000	96	2321852	12500	14643	
59 Isooctane	57	4.549	4.537	0.012	98	4223621	500.0	514.8	
60 Benzene	78	4.562	4.562	0.000	97	3972636	500.0	418.2	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.580	4.580	0.000	50	105931	50.0	51.6	
62 Tert-amyl methyl ether	73	4.635	4.635	0.000	90	2861419	500.0	434.8	
63 Isopropyl acetate	61	4.635	4.635	0.000	94	528238	500.0	473.0	
64 1,2-Dichloroethane	62	4.653	4.647	0.006	96	1285062	500.0	455.2	
65 n-Heptane	100	4.720	4.714	0.006	96	228651	500.0	499.3	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	334957	50.0	50.0	
67 n-Butanol	56	5.147	5.141	0.006	89	893784	12500	16457	
68 Trichloroethene	95	5.171	5.171	0.000	95	1082943	500.0	502.6	
69 Methylcyclohexane	83	5.293	5.293	0.000	84	1882395	500.0	488.6	
70 Ethyl acrylate	99	5.305	5.305	0.000	98	147161	500.0	535.4	
71 1,2-Dichloropropane	63	5.452	5.452	0.000	90	1137416	500.0	500.7	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	85	16327	1000.0	1000.0	
73 Methyl methacrylate	100	5.543	5.537	0.006	93	478111	1000.0	1007.4	
75 1,4-Dioxane	88	5.568	5.568	0.000	91	242269	10000	11969	
74 Dibromomethane	93	5.574	5.574	0.000	93	609832	500.0	490.5	
76 n-Propyl acetate	43	5.598	5.598	0.000	99	1496560	500.0	490.8	
77 Dichlorobromomethane	83	5.726	5.720	0.006	99	1454419	500.0	543.1	
78 2-Nitropropane	41	6.055	6.055	0.000	98	609137	1000.0	1109.7	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	97	756583	501.2	544.3	
80 Epichlorohydrin	57	6.159	6.159	0.000	100	2338374	10000	10068	
81 cis-1,3-Dichloropropene	75	6.214	6.208	0.006	94	1798827	500.0	473.7	
82 4-Methyl-2-pentanone (MIBK	43	6.384	6.378	0.006	97	5500473	2500.0	2447.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.445	6.445	0.000	98	311702	50.0	44.8	
84 Toluene	91	6.519	6.519	0.000	93	4143778	500.0	447.3	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	97	1678783	500.0	497.3	
86 Ethyl methacrylate	69	6.915	6.909	0.006	91	1412012	500.0	479.5	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	96	804976	500.0	462.3	
88 Tetrachloroethene	166	7.110	7.104	0.006	92	886416	500.0	480.3	
89 1,3-Dichloropropane	76	7.281	7.274	0.007	97	1602795	500.0	485.1	
90 2-Hexanone	43	7.360	7.354	0.006	97	3590702	2500.0	2595.9	
91 n-Butyl acetate	43	7.476	7.476	0.000	99	1690290	500.0	454.3	
92 Chlorodibromomethane	129	7.500	7.500	0.000	98	938452	500.0	506.6	
93 Ethylene Dibromide	107	7.646	7.646	0.000	98	876965	500.0	487.4	
* 94 Chlorobenzene-d5	117	8.189	8.183	0.006	90	254501	50.0	50.0	
95 Chlorobenzene	112	8.226	8.219	0.007	90	2579431	500.0	480.2	
96 Ethylbenzene	106	8.335	8.335	0.000	99	1395425	500.0	468.8	
97 1,1,1,2-Tetrachloroethane	131	8.347	8.347	0.000	94	962193	500.0	467.1	
98 m-Xylene & p-Xylene	106	8.494	8.488	0.006	98	1733399	500.0	478.2	
99 o-Xylene	106	9.012	9.006	0.006	93	1891789	500.0	493.9	
100 n-Butyl acrylate	73	9.024	9.024	0.000	96	797640	500.0	446.9	
101 Styrene	104	9.049	9.049	0.000	92	2812160	500.0	466.4	
102 Bromoform	173	9.292	9.292	0.000	94	609677	500.0	552.1	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	89	2014424	500.0	484.6	
104 Isopropylbenzene	105	9.463	9.457	0.006	97	4857198	500.0	468.7	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	87506	50.0	49.8	
106 Bromobenzene	156	9.829	9.829	0.000	93	1072131	500.0	535.2	
107 1,1,2,2-Tetrachloroethane	83	9.908	9.902	0.006	99	1222515	500.0	503.2	
108 N-Propylbenzene	91	9.933	9.926	0.007	98	5667494	500.0	486.8	
109 1,2,3-Trichloropropane	110	9.951	9.951	0.000	97	298139	500.0	474.3	
110 trans-1,4-Dichloro-2-buten	53	9.987	9.981	0.006	90	335187	500.0	419.0	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	3878674	500.0	484.8	
112 4-Ethyltoluene	105	10.067	10.061	0.006	98	4217130	500.0	468.1	
113 1,3,5-Trimethylbenzene	105	10.140	10.140	0.000	91	3993444	500.0	495.2	
114 4-Chlorotoluene	91	10.170	10.164	0.006	99	3627861	500.0	489.5	
115 Butyl Methacrylate	87	10.274	10.268	0.006	93	1439958	500.0	503.7	
116 tert-Butylbenzene	119	10.457	10.451	0.006	91	3439509	500.0	540.9	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	99	4100585	500.0	495.6	
118 sec-Butylbenzene	105	10.676	10.670	0.006	98	5344733	500.0	508.6	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	96	1976939	500.0	522.3	
120 4-Isopropyltoluene	119	10.823	10.816	0.007	97	4224006	500.0	497.6	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	97	112925	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.896	10.896	0.000	91	1903486	500.0	508.9	
123 1,2,3-Trimethylbenzene	105	10.926	10.920	0.006	99	4191914	500.0	487.9	
124 Benzyl chloride	91	11.042	11.042	0.000	98	2171197	500.0	495.6	
125 2,3-Dihydroindene	117	11.103	11.097	0.006	94	3778710	500.0	496.5	
126 p-Diethylbenzene	119	11.176	11.176	0.000	91	2243795	500.0	502.7	
127 n-Butylbenzene	92	11.201	11.194	0.007	98	2302716	500.0	479.8	
128 1,2-Dichlorobenzene	146	11.237	11.237	0.000	93	1883924	500.0	489.0	
129 1,2,4,5-Tetramethylbenzene	119	11.859	11.853	0.006	97	4807410	500.0	549.2	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	94	254307	500.0	531.4	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	96	1742793	500.0	536.1	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	94	1716480	500.0	541.2	
133 Hexachlorobutadiene	225	12.645	12.645	0.000	90	731200	500.0	578.4	
134 Naphthalene	128	12.749	12.749	0.000	98	4146999	500.0	492.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.932	12.926	0.006	94	1560264	500.0	507.3	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	923.3	
S 137 Xylenes, Total	100				0		1000.0	972.1	
S 138 Total 1,2-dichloroethene	1				0			923.3	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	971.0	
S 140 Total BTEX	1				0		2500.0	2306.4	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00357	Amount Added: 50.00	Units: uL	
MIX I Hi_00124	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00097	Amount Added: 50.00	Units: uL	
Ethanol mix_00039	Amount Added: 50.00	Units: uL	
8FreonHi_00017	Amount Added: 50.00	Units: uL	
ACROLEIN W_00106	Amount Added: 40.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D

Injection Date: 27-Apr-2020 14:45:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

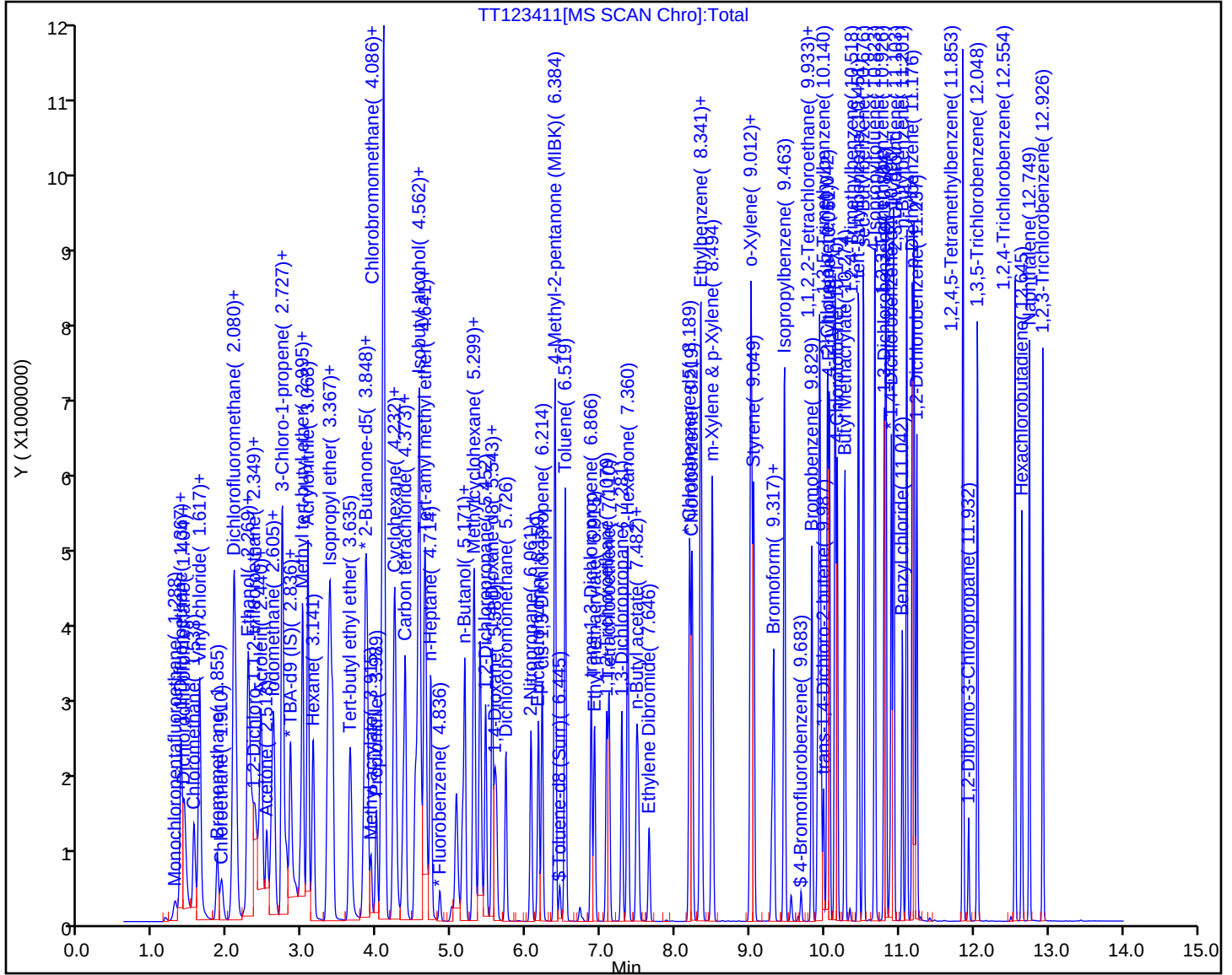
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D

Injection Date: 27-Apr-2020 14:45:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

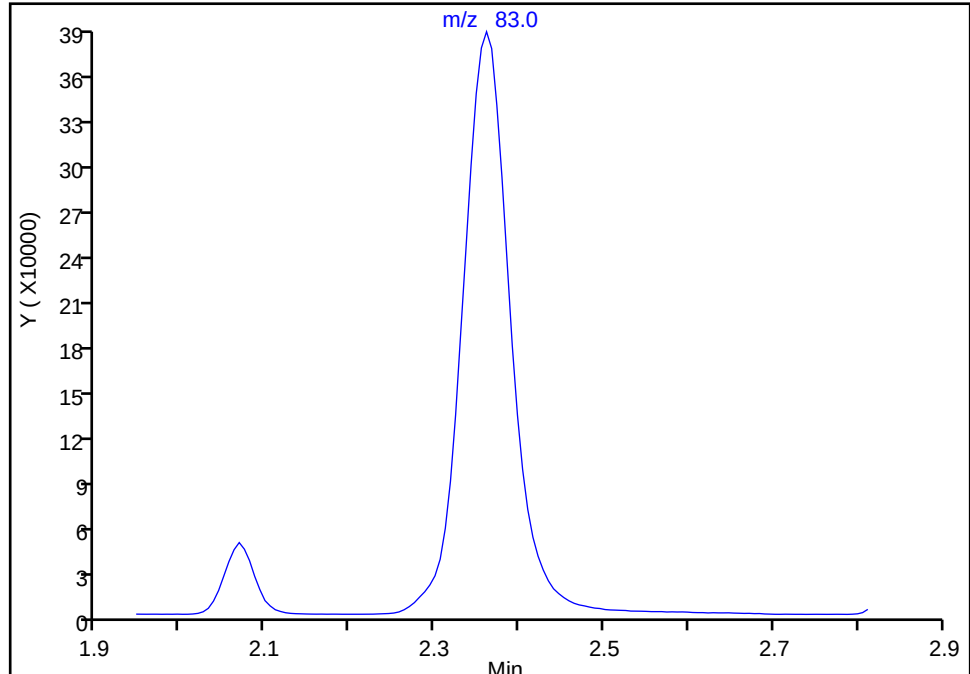
18 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.35

Processing Integration Results



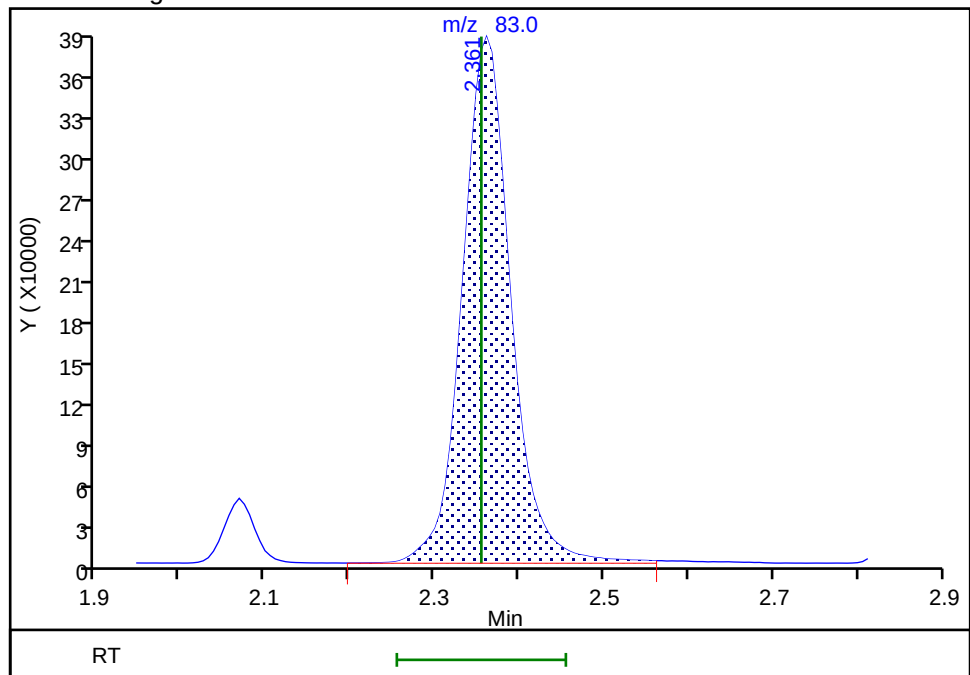
RT: 2.36

Area: 1552155

Amount: 486.9171

Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:33:58

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D

Injection Date: 27-Apr-2020 14:45:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

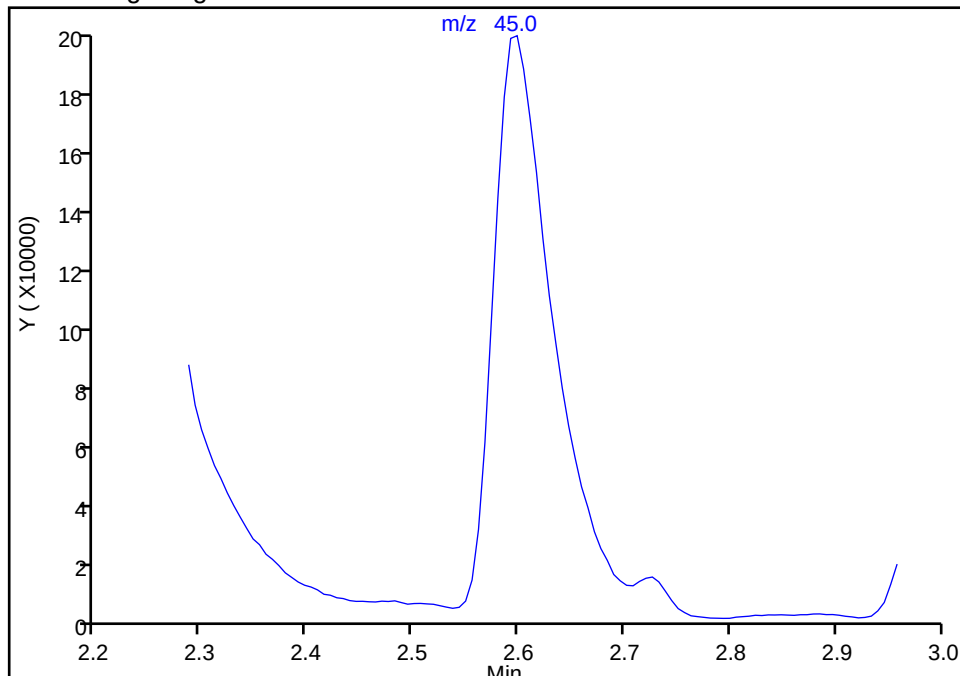
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

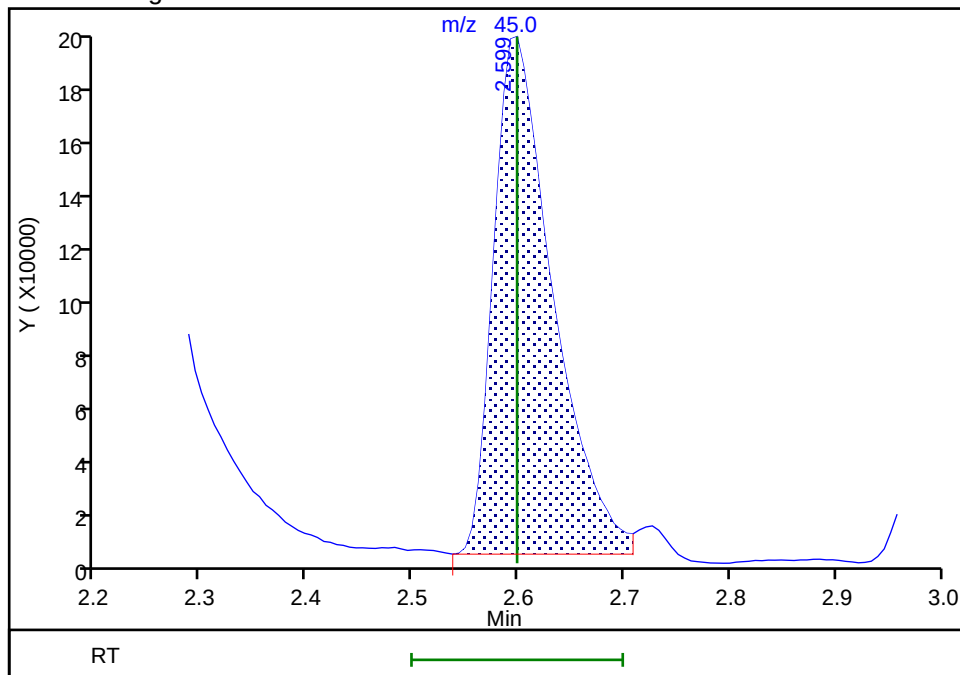
Expected RT: 2.60

Processing Integration Results



Manual Integration Results

RT: 2.60
Area: 745077
Amount: 4973.4731
Amount Units: ug/l



Reviewer: baronm, 27-Apr-2020 17:34:06

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D

Injection Date: 27-Apr-2020 14:45:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

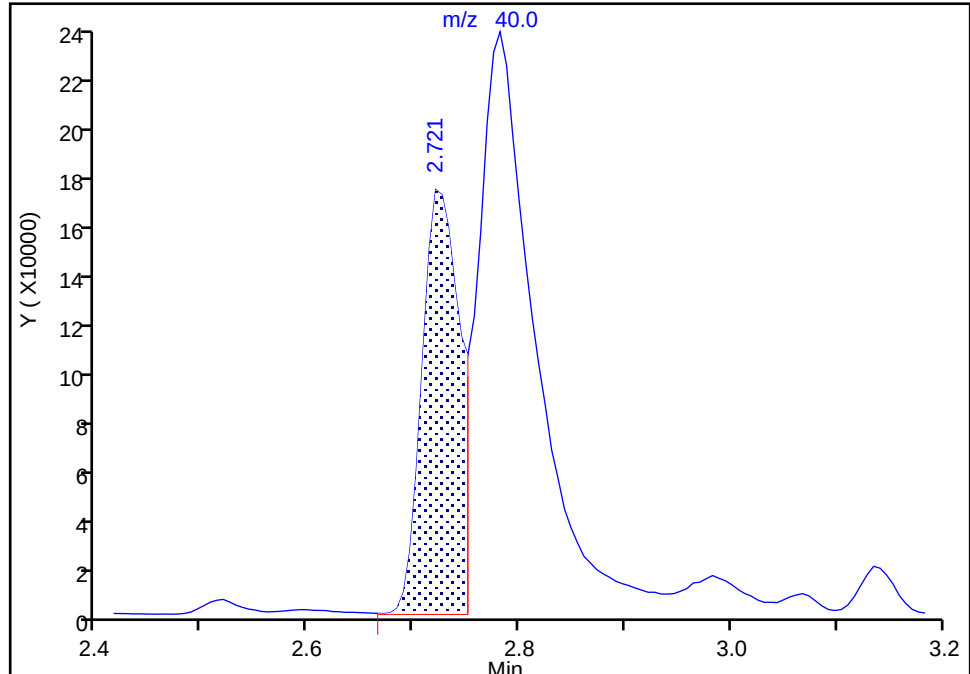
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

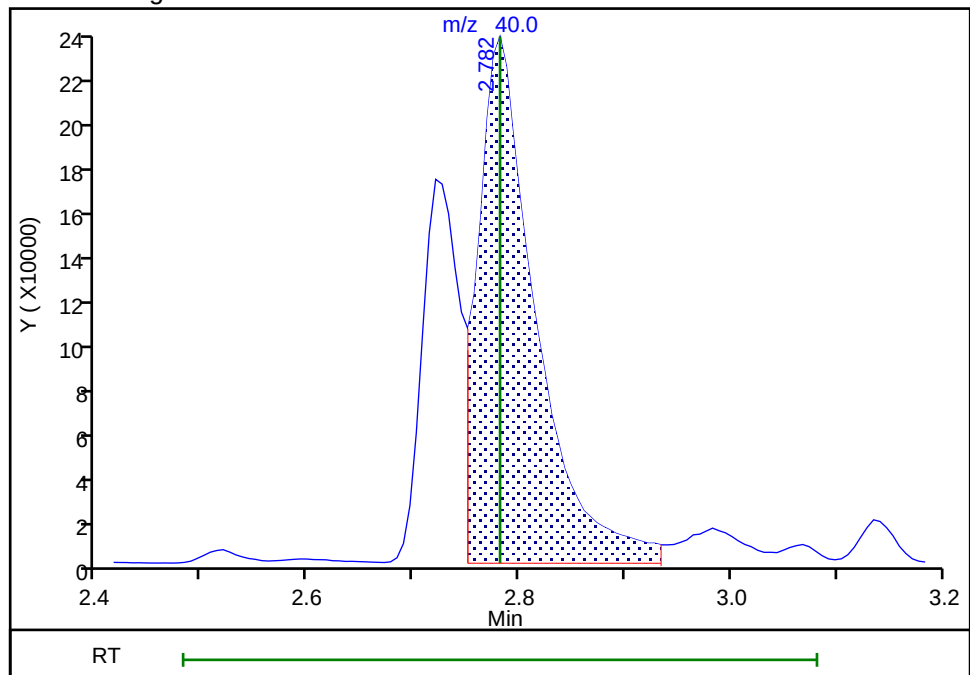
RT: 2.72
Area: 443397
Amount: 3211.2188
Amount Units: ug/l

Processing Integration Results



RT: 2.78
Area: 918231
Amount: 5007.3937
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 27-Apr-2020 17:34:14

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.: 460-208037-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-692459/2 Calibration Date: 05/06/2020 06:47
 Instrument ID: CVOAMS17 Calib Start Date: 04/27/2020 12:20
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/27/2020 14:45
 Lab File ID: TT123863.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	0.0449	0.0306		13.7	20.0	-31.7*	20.0
1,1-Difluoroethane	Ave	0.4871	0.4837		19.9	20.0	-0.7	20.0
Chlorotrifluoroethene	Ave	0.1500	0.1272		17.0	20.0	-15.2	20.0
Dichlorodifluoromethane	Ave	0.4708	0.5314	0.1000	22.6	20.0	12.9	20.0
Chlorodifluoromethane	Ave	0.6017	0.6645		22.1	20.0	10.4	20.0
Chloromethane	Ave	0.5829	0.7222	0.1000	24.8	20.0	23.9*	20.0
Vinyl chloride	Ave	0.5423	0.6435	0.1000	23.7	20.0	18.7	20.0
Butadiene	Ave	0.4558	0.5431		23.8	20.0	19.1	20.0
Bromomethane	Ave	2.086	2.518	0.1000	24.1	20.0	20.7	50.0
Chloroethane	Ave	2.122	2.213	0.1000	20.9	20.0	4.3	50.0
Dichlorofluoromethane	Ave	0.7598	0.8564		22.5	20.0	12.7	20.0
Trichlorofluoromethane	Ave	0.5113	0.5738	0.1000	22.4	20.0	12.2	20.0
Pentane	Ave	0.0592	0.0630		42.6	40.0	6.4	20.0
Ethanol	Ave	0.4673	0.5536		948	800	18.5	50.0
Ethyl ether	Ave	0.1963	0.2004		20.4	20.0	2.1	20.0
2-Methyl-1,3-butadiene	Ave	0.3398	0.3513		20.7	20.0	3.4	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2761	0.2903		21.0	20.0	5.1	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.4758	0.5444		22.9	20.0	14.4	20.0
Acrolein	Ave	7.806	8.086		41.4	40.0	3.6	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2983	0.3406	0.1000	22.8	20.0	14.2	20.0
1,1-Dichloroethene	Ave	0.3176	0.3100	0.1000	19.5	20.0	-2.4	20.0
Acetone	Ave	0.8327	0.7999	0.0500	96.1	100	-3.9	50.0
Iodomethane	Ave	0.5315	0.5644		21.2	20.0	6.2	20.0
Isopropyl alcohol	Ave	5.265	4.824		183	200	-8.4	50.0
Carbon disulfide	Ave	1.331	1.441	0.1000	21.7	20.0	8.3	50.0
Allyl chloride	Ave	0.2112	0.2112		20.0	20.0	-0.0	20.0
Cyclopentene	Ave	0.8478	0.8923		21.1	20.0	5.3	20.0
Methyl acetate	Ave	0.2756	0.2948	0.1000	42.8	40.0	7.0	20.0
Acetonitrile	QuaF		0.2397		228	200	14.0	20.0
Methylene Chloride	Ave	0.3857	0.4106	0.1000	21.3	20.0	6.5	20.0
2-Methyl-2-propanol	Lin2		6.219		172	200	-13.8	50.0
Methyl tert-butyl ether	Ave	0.8668	0.9199	0.1000	21.2	20.0	6.1	20.0
trans-1,2-Dichloroethene	Ave	0.3328	0.3298	0.1000	19.8	20.0	-0.9	20.0
Acrylonitrile	Ave	0.1321	0.1532		232	200	15.9	20.0
Hexane	Ave	0.4363	0.5123		23.5	20.0	17.4	20.0
Isopropyl ether	Ave	1.244	1.431		23.0	20.0	15.0	20.0
1,1-Dichloroethane	Ave	0.6286	0.6736	0.2000	21.4	20.0	7.2	20.0
Vinyl acetate	Ave	0.3195	0.3867		48.4	40.0	21.0*	20.0
2-Chloro-1,3-butadiene	Ave	0.2755	0.2804		20.3	20.0	1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-692459/2 Calibration Date: 05/06/2020 06:47
 Instrument ID: CVOAMS17 Calib Start Date: 04/27/2020 12:20
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/27/2020 14:45
 Lab File ID: TT123863.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	1.070	1.134		21.2	20.0	5.9	20.0
2,2-Dichloropropane	Lin2		0.1083		20.8	20.0	4.1	20.0
cis-1,2-Dichloroethene	Ave	0.3600	0.3555	0.1000	19.8	20.0	-1.2	20.0
2-Butanone (MEK)	Ave	0.2715	0.2405	0.0500	88.6	100	-11.4	50.0
Ethyl acetate	QuaF		0.2320		38.9	40.0	-2.6	20.0
Methyl acrylate	Ave	0.2897	0.3098		21.4	20.0	6.9	20.0
Propionitrile	Ave	10.12	11.63		230	200	15.0	20.0
Chlorobromomethane	Ave	0.1541	0.1607		20.8	20.0	4.2	20.0
Tetrahydrofuran	Ave	0.3106	0.2837		36.5	40.0	-8.7	20.0
Methacrylonitrile	Ave	0.1269	0.1438		227	200	13.3	20.0
Chloroform	Ave	0.5504	0.5880	0.2000	21.4	20.0	6.8	20.0
Cyclohexane	Ave	0.4960	0.4940	0.1000	19.9	20.0	-0.4	50.0
1,1,1-Trichloroethane	Ave	0.4854	0.4671	0.1000	19.2	20.0	-3.8	20.0
Carbon tetrachloride	Ave	0.4012	0.2869	0.1000	14.3	20.0	-28.5*	20.0
1,1-Dichloropropene	Ave	0.4252	0.4327		20.4	20.0	1.8	20.0
Isobutyl alcohol	Ave	5.573	5.336		479	500	-4.2	50.0
2,2,4-Trimethylpentane	Ave	1.225	1.343		21.9	20.0	9.7	20.0
Benzene	Ave	1.866	2.007	0.5000	21.5	20.0	7.5	20.0
Isopropyl acetate	Ave	0.1667	0.1799		21.6	20.0	7.9	20.0
Tert-amyl methyl ether	Ave	0.9823	1.111		22.6	20.0	13.1	20.0
1,2-Dichloroethane	Ave	0.4214	0.4458	0.1000	21.2	20.0	5.8	20.0
n-Heptane	Ave	0.0684	0.0758		22.2	20.0	10.9	20.0
n-Butanol	Ave	1.909	1.400		367	500	-26.7	50.0
Trichloroethene	Ave	0.3216	0.2986	0.2000	18.6	20.0	-7.1	20.0
Methylcyclohexane	Ave	0.5751	0.5502	0.1000	19.1	20.0	-4.3	50.0
Ethyl acrylate	Ave	0.0410	0.0404		19.7	20.0	-1.5	20.0
1,2-Dichloropropane	Ave	0.3391	0.3509	0.1000	20.7	20.0	3.5	20.0
Methyl methacrylate	Ave	0.0708	0.0666		37.6	40.0	-6.0	20.0
1,4-Dioxane	Ave	1.240	1.313		424	400	5.9	50.0
Dibromomethane	Ave	0.1856	0.1893		20.4	20.0	2.0	20.0
n-Propyl acetate	Ave	0.4552	0.4979		21.9	20.0	9.4	20.0
Bromodichloromethane	Ave	0.3998	0.3461	0.2000	17.3	20.0	-13.4	20.0
2-Nitropropane	Lin2		0.0334		15.7	40.0	-60.8*	20.0
2-Chloroethyl vinyl ether	Ave	0.2075	0.2108		20.4	20.0	1.6	20.0
Epichlorohydrin	Ave	0.2532	0.2284		361	400	-9.8	20.0
cis-1,3-Dichloropropene	Ave	0.7461	0.7037	0.2000	18.9	20.0	-5.7	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.450	2.427	0.0500	99.1	100	-0.9	50.0
Toluene	Ave	1.820	1.865	0.4000	20.5	20.0	2.5	20.0
trans-1,3-Dichloropropene	Ave	0.6632	0.6070	0.1000	18.3	20.0	-8.5	50.0
Ethyl methacrylate	Ave	0.5786	0.5599		19.4	20.0	-3.2	20.0
1,1,2-Trichloroethane	Ave	0.3421	0.3497	0.1000	20.4	20.0	2.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-692459/2 Calibration Date: 05/06/2020 06:47
 Instrument ID: CVOAMS17 Calib Start Date: 04/27/2020 12:20
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/27/2020 14:45
 Lab File ID: TT123863.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
Tetrachloroethene	Ave	0.3626	0.3657	0.2000	20.2	20.0	0.9	20.0
1,3-Dichloropropane	Ave	0.6492	0.6903		21.3	20.0	6.3	20.0
2-Hexanone	Ave	1.508	1.490	0.0500	98.8	100	-1.2	50.0
n-Butyl acetate	Ave	0.7310	0.7567		20.7	20.0	3.5	20.0
Dibromochloromethane	Ave	0.3639	0.2656	0.1000	14.6	20.0	-27.0	50.0
1,2-Dibromoethane	Ave	0.3535	0.3595	0.1000	20.3	20.0	1.7	20.0
Chlorobenzene	Ave	1.055	1.052	0.5000	19.9	20.0	-0.3	20.0
Ethylbenzene	Ave	0.5848	0.5954	0.1000	20.4	20.0	1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4047	0.3237		16.0	20.0	-20.0	20.0
m&p-Xylene	Ave	0.7121	0.7253	0.1000	20.4	20.0	1.9	20.0
o-Xylene	Ave	0.7525	0.7411	0.3000	19.7	20.0	-1.5	20.0
n-Butyl acrylate	Ave	0.3507	0.3080		17.6	20.0	-12.2	20.0
Styrene	Ave	1.185	1.201	0.3000	20.3	20.0	1.4	20.0
Bromoform	Ave	0.2170	0.1273	0.1000	11.7	20.0	-41.3*	20.0
Amyl acetate (mixed isomers)	Ave	1.840	1.784		19.4	20.0	-3.1	20.0
Isopropylbenzene	Ave	2.036	2.040	0.1000	20.0	20.0	0.2	20.0
Bromobenzene	Ave	0.8870	0.8681		19.6	20.0	-2.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.076	1.138	0.3000	21.2	20.0	5.8	20.0
N-Propylbenzene	Ave	5.155	5.268		20.4	20.0	2.2	20.0
1,2,3-Trichloropropane	Ave	0.2783	0.2937		21.1	20.0	5.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3542	0.2997		16.9	20.0	-15.4	20.0
2-Chlorotoluene	Ave	3.543	3.614		20.4	20.0	2.0	20.0
4-Ethyltoluene	Ave	3.989	4.098		20.5	20.0	2.7	20.0
1,3,5-Trimethylbenzene	Ave	3.570	3.627		20.3	20.0	1.6	20.0
4-Chlorotoluene	Ave	3.282	3.464		21.1	20.0	5.5	20.0
Butyl Methacrylate	Ave	1.266	1.108		17.5	20.0	-12.5	20.0
tert-Butylbenzene	Ave	2.816	2.766		19.6	20.0	-1.8	20.0
1,2,4-Trimethylbenzene	Ave	3.664	3.647		19.9	20.0	-0.4	20.0
sec-Butylbenzene	Ave	4.653	4.701		20.2	20.0	1.0	20.0
1,3-Dichlorobenzene	Ave	1.676	1.703	0.6000	20.3	20.0	1.6	20.0
4-Isopropyltoluene	Ave	3.758	3.767		20.0	20.0	0.2	20.0
1,4-Dichlorobenzene	Ave	1.656	1.682	0.5000	20.3	20.0	1.6	20.0
1,2,3-Trimethylbenzene	Ave	3.805	3.882		20.4	20.0	2.0	20.0
Benzyl chloride	Ave	1.940	1.315		13.6	20.0	-32.2	50.0
Indan	Ave	3.370	3.432		20.4	20.0	1.8	20.0
p-Diethylbenzene	Ave	1.976	1.979		20.0	20.0	0.2	20.0
n-Butylbenzene	Ave	2.125	2.219		20.9	20.0	4.4	20.0
1,2-Dichlorobenzene	Ave	1.706	1.712	0.4000	20.1	20.0	0.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.876	3.749		19.3	20.0	-3.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2119	0.1517	0.0500	14.3	20.0	-28.4	50.0
1,3,5-Trichlorobenzene	Ave	1.439	1.443		20.1	20.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-692459/2 Calibration Date: 05/06/2020 06:47
 Instrument ID: CVOAMS17 Calib Start Date: 04/27/2020 12:20
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 04/27/2020 14:45
 Lab File ID: TT123863.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	1.404	1.384	0.2000	19.7	20.0	-1.5	20.0
Hexachlorobutadiene	Ave	0.5598	0.5546		19.8	20.0	-0.9	20.0
Naphthalene	Ave	3.731	3.656		19.6	20.0	-2.0	50.0
1,2,3-Trichlorobenzene	Ave	1.362	1.374		20.2	20.0	0.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2412	0.2493		51.7	50.0	3.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3062	0.3356		54.8	50.0	9.6	20.0
Toluene-d8 (Surr)	Ave	1.368	1.390		50.8	50.0	1.6	20.0
4-Bromofluorobenzene	Ave	0.3454	0.3382		49.0	50.0	-2.1	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123863.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 06-May-2020 06:47:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0109666-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 09:50:15 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1008

First Level Reviewer: desais

Date: 06-May-2020 07:06:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.282	1.282	0.000	68	4102	20.0	13.7	
2 1,1-Difluoroethane	51	1.355	1.355	0.000	95	64795	20.0	19.9	
3 Chlorotrifluoroethene	116	1.355	1.355	0.000	59	17036	20.0	17.0	
4 Dichlorodifluoromethane	85	1.392	1.392	0.000	98	71179	20.0	22.6	
5 Chlorodifluoromethane	51	1.404	1.404	0.000	99	89012	20.0	22.1	
6 Chloromethane	50	1.532	1.532	0.000	99	96743	20.0	24.8	
7 Vinyl chloride	62	1.599	1.599	0.000	80	86193	20.0	23.7	
8 Butadiene	54	1.605	1.605	0.000	97	72743	20.0	23.8	
9 Bromomethane	94	1.843	1.843	0.000	98	51536	20.0	24.1	
10 Chloroethane	64	1.898	1.898	0.000	100	45291	20.0	20.9	
11 Dichlorofluoromethane	67	2.056	2.056	0.000	98	114719	20.0	22.5	
12 Trichlorofluoromethane	101	2.062	2.062	0.000	98	76855	20.0	22.4	
13 Pentane	72	2.074	2.074	0.000	97	16864	40.0	42.6	
14 Ethanol	46	2.245	2.245	0.000	81	14408	800.0	947.7	
15 Ethyl ether	74	2.245	2.245	0.000	93	26844	20.0	20.4	
16 2-Methyl-1,3-butadiene	53	2.257	2.257	0.000	97	47057	20.0	20.7	
17 1,2-Dichloro-1,1,2-trifluo	117	2.294	2.294	0.000	88	38884	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.349	2.349	0.000	93	72925	20.0	22.9	
19 Acrolein	56	2.398	2.398	0.000	94	10522	40.0	41.4	
20 1,1,2-Trichloro-1,2,2-trif	101	2.410	2.410	0.000	87	45619	20.0	22.8	
21 1,1-Dichloroethene	96	2.428	2.428	0.000	94	41527	20.0	19.5	
22 Acetone	43	2.501	2.501	0.000	86	81846	100.0	96.1	
23 Iodomethane	142	2.562	2.562	0.000	99	75600	20.0	21.2	
25 Isopropyl alcohol	45	2.586	2.586	0.000	33	31387	200.0	183.2	
24 Carbon disulfide	76	2.593	2.593	0.000	100	193025	20.0	21.7	
26 3-Chloro-1-propene	76	2.708	2.708	0.000	89	28285	20.0	20.0	
27 Methyl acetate	43	2.721	2.721	0.000	97	78982	40.0	42.8	
28 Cyclopentene	67	2.721	2.721	0.000	94	119523	20.0	21.1	
29 Acetonitrile	40	2.775	2.775	0.000	98	49048	200.0	228.0	
30 Methylene Chloride	84	2.824	2.824	0.000	99	55006	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.836	2.836	0.000	100	32532	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.885	2.885	0.000	97	40466	200.0	172.4	
33 Methyl tert-butyl ether	73	2.977	2.977	0.000	98	123222	20.0	21.2	
34 trans-1,2-Dichloroethene	96	2.989	2.989	0.000	99	44182	20.0	19.8	
35 Acrylonitrile	53	3.056	3.056	0.000	95	205178	200.0	231.9	
36 Hexane	57	3.129	3.129	0.000	94	68618	20.0	23.5	
37 Isopropyl ether	45	3.330	3.330	0.000	96	191677	20.0	23.0	
38 1,1-Dichloroethane	63	3.355	3.355	0.000	99	90232	20.0	21.4	
39 Vinyl acetate	86	3.367	3.367	0.000	100	15826	40.0	48.4	
40 2-Chloro-1,3-butadiene	88	3.391	3.391	0.000	94	37554	20.0	20.3	
41 Tert-butyl ethyl ether	59	3.623	3.623	0.000	87	151875	20.0	21.2	
* 42 2-Butanone-d5	46	3.800	3.800	0.000	98	255801	250.0	250.0	
43 2,2-Dichloropropane	97	3.818	3.818	0.000	87	14501	20.0	20.8	
44 cis-1,2-Dichloroethene	96	3.830	3.830	0.000	91	47622	20.0	19.8	
45 2-Butanone (MEK)	72	3.855	3.855	0.000	95	24606	100.0	88.6	
46 Ethyl acetate	70	3.855	3.855	0.000	95	9496	40.0	38.9	
47 Methyl acrylate	55	3.903	3.903	0.000	99	41498	20.0	21.4	
48 Propionitrile	54	3.976	3.976	0.000	98	75696	200.0	229.9	
49 Chlorobromomethane	128	4.044	4.044	0.000	98	21523	20.0	20.8	
50 Tetrahydrofuran	72	4.050	4.050	0.000	95	11611	40.0	36.5	
51 Methacrylonitrile	67	4.068	4.068	0.000	96	192650	200.0	226.7	
52 Chloroform	83	4.092	4.092	0.000	97	78758	20.0	21.4	
53 Cyclohexane	84	4.214	4.214	0.000	97	66178	20.0	19.9	
54 1,1,1-Trichloroethane	97	4.233	4.233	0.000	97	62573	20.0	19.2	
\$ 55 Dibromofluoromethane (Surr	113	4.239	4.239	0.000	95	83496	50.0	51.7	
56 Carbon tetrachloride	117	4.342	4.342	0.000	97	38429	20.0	14.3	
57 1,1-Dichloropropene	75	4.367	4.367	0.000	93	57958	20.0	20.4	
58 Isobutyl alcohol	43	4.513	4.513	0.000	92	86803	500.0	478.8	
59 Isooctane	57	4.537	4.537	0.000	99	179954	20.0	21.9	
60 Benzene	78	4.556	4.556	0.000	98	176511	20.0	21.5	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.568	4.568	0.000	96	112375	50.0	54.8	
62 Tert-amyl methyl ether	73	4.623	4.623	0.000	71	148826	20.0	22.6	
63 Isopropyl acetate	61	4.623	4.623	0.000	93	24092	20.0	21.6	
64 1,2-Dichloroethane	62	4.641	4.641	0.000	96	59718	20.0	21.2	
65 n-Heptane	100	4.708	4.708	0.000	97	10154	20.0	22.2	
* 66 Fluorobenzene	96	4.830	4.830	0.000	97	334880	50.0	50.0	
67 n-Butanol	56	5.141	5.141	0.000	94	22767	500.0	366.7	
68 Trichloroethene	95	5.165	5.165	0.000	93	40003	20.0	18.6	
69 Methylcyclohexane	83	5.287	5.287	0.000	91	73706	20.0	19.1	
70 Ethyl acrylate	99	5.293	5.293	0.000	98	5412	20.0	19.7	
71 1,2-Dichloropropane	63	5.446	5.446	0.000	88	47003	20.0	20.7	
* 72 1,4-Dioxane-d8	96	5.507	5.507	0.000	92	19440	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	94	17843	40.0	37.6	
75 1,4-Dioxane	88	5.562	5.562	0.000	56	10209	400.0	423.6	
74 Dibromomethane	93	5.568	5.568	0.000	91	25354	20.0	20.4	
76 n-Propyl acetate	43	5.592	5.592	0.000	99	66698	20.0	21.9	
77 Dichlorobromomethane	83	5.714	5.714	0.000	99	46360	20.0	17.3	
78 2-Nitropropane	41	6.049	6.049	0.000	70	8958	40.0	15.7	
79 2-Chloroethyl vinyl ether	63	6.055	6.055	0.000	87	28299	20.0	20.4	
80 Epichlorohydrin	57	6.153	6.153	0.000	99	93496	400.0	360.8	
81 cis-1,3-Dichloropropene	75	6.202	6.202	0.000	96	61887	20.0	18.9	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	248374	100.0	99.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	305600	50.0	50.8	
84 Toluene	91	6.513	6.513	0.000	92	164055	20.0	20.5	
85 trans-1,3-Dichloropropene	75	6.860	6.860	0.000	98	53389	20.0	18.3	
86 Ethyl methacrylate	69	6.909	6.909	0.000	94	49243	20.0	19.4	
87 1,1,2-Trichloroethane	83	7.067	7.067	0.000	94	30753	20.0	20.4	
88 Tetrachloroethene	166	7.104	7.104	0.000	94	32162	20.0	20.2	
89 1,3-Dichloropropane	76	7.275	7.275	0.000	98	60707	20.0	21.3	
90 2-Hexanone	43	7.354	7.354	0.000	99	152457	100.0	98.8	
91 n-Butyl acetate	43	7.476	7.476	0.000	98	66552	20.0	20.7	
92 Chlorodibromomethane	129	7.494	7.494	0.000	97	23357	20.0	14.6	
93 Ethylene Dibromide	107	7.640	7.640	0.000	97	31618	20.0	20.3	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	95	219874	50.0	50.0	
95 Chlorobenzene	112	8.213	8.213	0.000	90	92534	20.0	19.9	
96 Ethylbenzene	106	8.329	8.329	0.000	100	52369	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.341	8.341	0.000	88	28473	20.0	16.0	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	98	63792	20.0	20.4	
99 o-Xylene	106	9.000	9.000	0.000	92	65181	20.0	19.7	
100 n-Butyl acrylate	73	9.018	9.018	0.000	95	27092	20.0	17.6	
101 Styrene	104	9.043	9.043	0.000	91	105611	20.0	20.3	
102 Bromoform	173	9.286	9.286	0.000	94	11196	20.0	11.7	
103 Amyl acetate (mixed isomer)	43	9.311	9.311	0.000	88	74575	20.0	19.4	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	179379	20.0	20.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	74361	50.0	49.0	
106 Bromobenzene	156	9.823	9.823	0.000	92	36286	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	98	47561	20.0	21.2	
108 N-Propylbenzene	91	9.927	9.927	0.000	98	220205	20.0	20.4	
109 1,2,3-Trichloropropane	110	9.945	9.945	0.000	98	12275	20.0	21.1	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	75	12528	20.0	16.9	
111 2-Chlorotoluene	91	10.030	10.030	0.000	96	151060	20.0	20.4	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	171281	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	10.134	10.134	0.000	91	151618	20.0	20.3	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	144782	20.0	21.1	
115 Butyl Methacrylate	87	10.268	10.268	0.000	95	46313	20.0	17.5	
116 tert-Butylbenzene	119	10.451	10.451	0.000	90	115630	20.0	19.6	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	152452	20.0	19.9	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	196484	20.0	20.2	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	71164	20.0	20.3	
120 4-Isopropyltoluene	119	10.817	10.817	0.000	97	157456	20.0	20.0	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.871	0.000	98	104496	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.890	10.890	0.000	93	70297	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	162242	20.0	20.4	
124 Benzyl chloride	91	11.036	11.036	0.000	97	54961	20.0	13.6	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	143450	20.0	20.4	
126 p-Diethylbenzene	119	11.170	11.170	0.000	90	82735	20.0	20.0	
127 n-Butylbenzene	92	11.195	11.195	0.000	97	92745	20.0	20.9	
128 1,2-Dichlorobenzene	146	11.231	11.231	0.000	93	71557	20.0	20.1	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	156719	20.0	19.3	
130 1,2-Dibromo-3-Chloropropan	157	11.926	11.926	0.000	85	6340	20.0	14.3	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	60322	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	57841	20.0	19.7	
133 Hexachlorobutadiene	225	12.646	12.646	0.000	90	23183	20.0	19.8	
134 Naphthalene	128	12.743	12.743	0.000	98	152813	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
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	93	57442	20.0	20.2	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 137 Xylenes, Total	100				0		40.0	40.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.2	
S 140 Total BTEX	1				0		100.0	102.4	

Reagents:

8260MIX1COMB_00118	Amount Added: 20.00	Units: uL	
GASES Li_00366	Amount Added: 20.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
524freon_00022	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123863.D

Injection Date: 06-May-2020 06:47:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

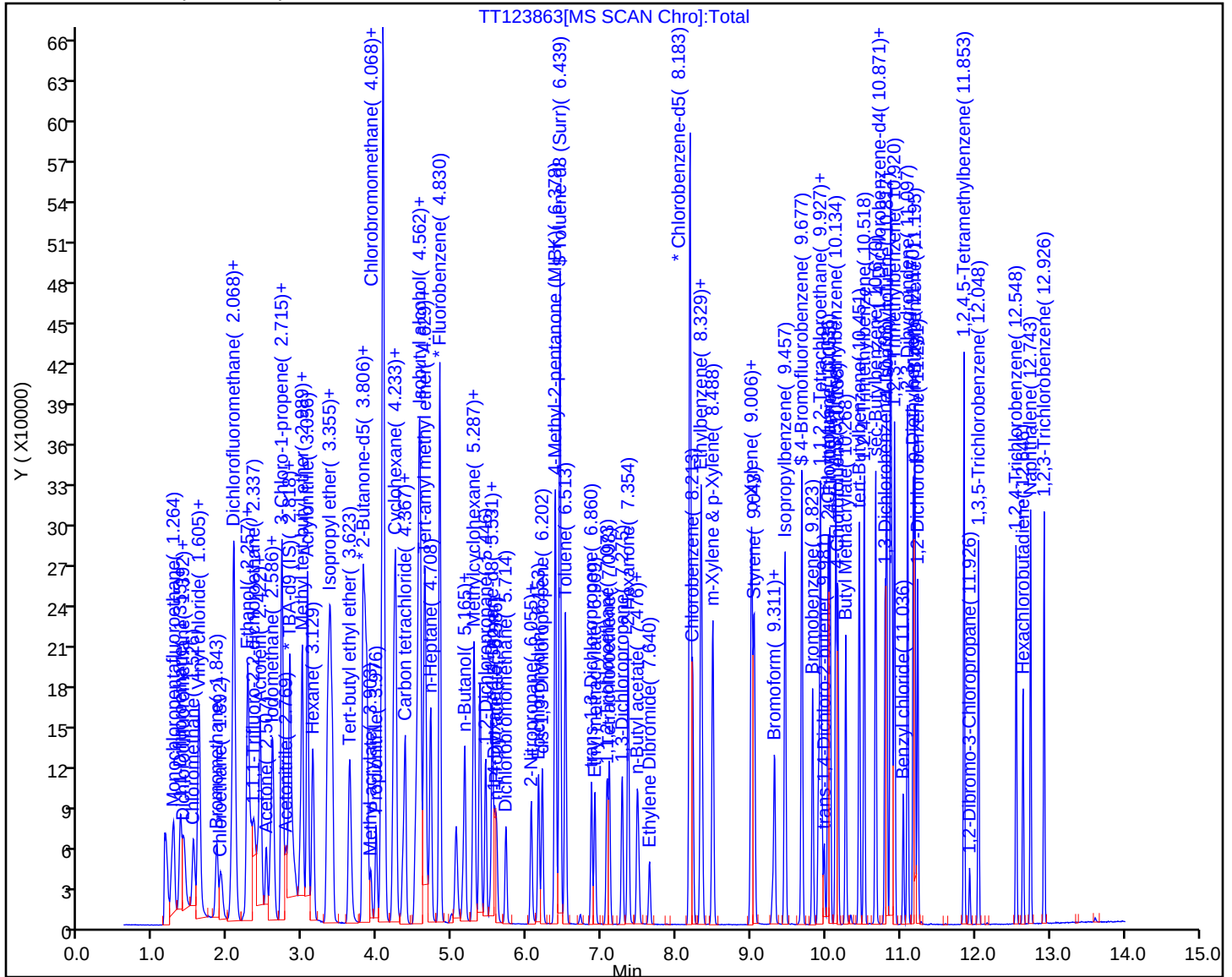
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123403.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 27-Apr-2020 12:03:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0109187-001
Operator ID: Instrument ID: CVOAMS17
Method: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Apr-2020 11:33:53 Calib Date: 27-Apr-2020 14:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX0327

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 141 BFB	95	2.971	2.971	0.000	80	86194	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00024

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123403.D

Injection Date: 27-Apr-2020 12:03:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

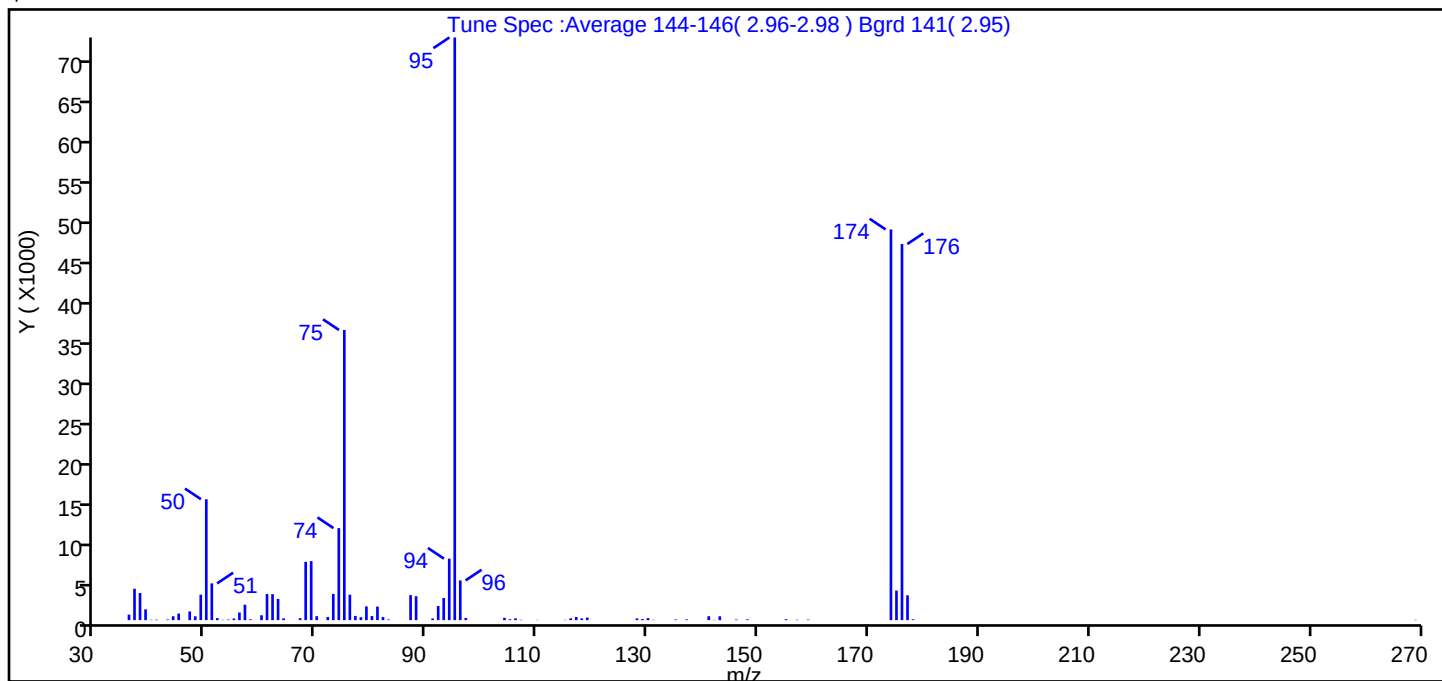
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.8
75	30 to 60% of m/z 95	49.8
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	67.1
175	5 to 9% of m/z 174	5.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	64.5 (96.3)
177	5 to 9% of m/z 176	4.3 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123403.D\8260W_17.rslt\spectra.d
Injection Date: 27-Apr-2020 12:03:30
Spectrum: Tune Spec :Average 144-146(2.96-2.98) Bgrd 141(2.95)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	686	60.00	605	87.00	3100	130.00	255
37.00	3884	61.00	3234	88.00	2964	131.00	40
38.00	3355	62.00	3215	91.00	205	135.00	78
39.00	1342	63.00	2624	92.00	1748	137.00	91
40.00	47	64.00	220	93.00	2747	141.00	487
41.00	61	67.00	239	94.00	7615	142.00	37
43.00	84	68.00	7216	95.00	72144	143.00	480
44.00	482	69.00	7308	96.00	4919	146.00	80
45.00	813	70.00	489	97.00	272	148.00	97
47.00	1079	72.00	389	104.00	288	155.00	118
48.00	481	73.00	3248	105.00	109	157.00	53
49.00	3153	74.00	11397	106.00	223	159.00	71
50.00	14971	75.00	35928	107.00	43	174.00	48376
51.00	4552	76.00	3151	110.00	33	175.00	3661
52.00	250	77.00	524	115.00	36	176.00	46568
53.00	41	78.00	360	116.00	227	177.00	3077
54.00	71	79.00	1701	117.00	395	178.00	104
55.00	201	80.00	506	118.00	221	269.00	37
56.00	945	81.00	1682	119.00	317		
57.00	1916	82.00	379	128.00	218		
58.00	101	83.00	84	129.00	137		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123862.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 06-May-2020 06:24:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0109666-001
Operator ID: Instrument ID: CVOAMS17
Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 06-May-2020 09:51:15 Calib Date: 27-Apr-2020 14:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1008

First Level Reviewer: desais

Date: 06-May-2020 09:51:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.971	2.971	0.000	81	67686	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

BFB_00025

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123862.D

Injection Date: 06-May-2020 06:24:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

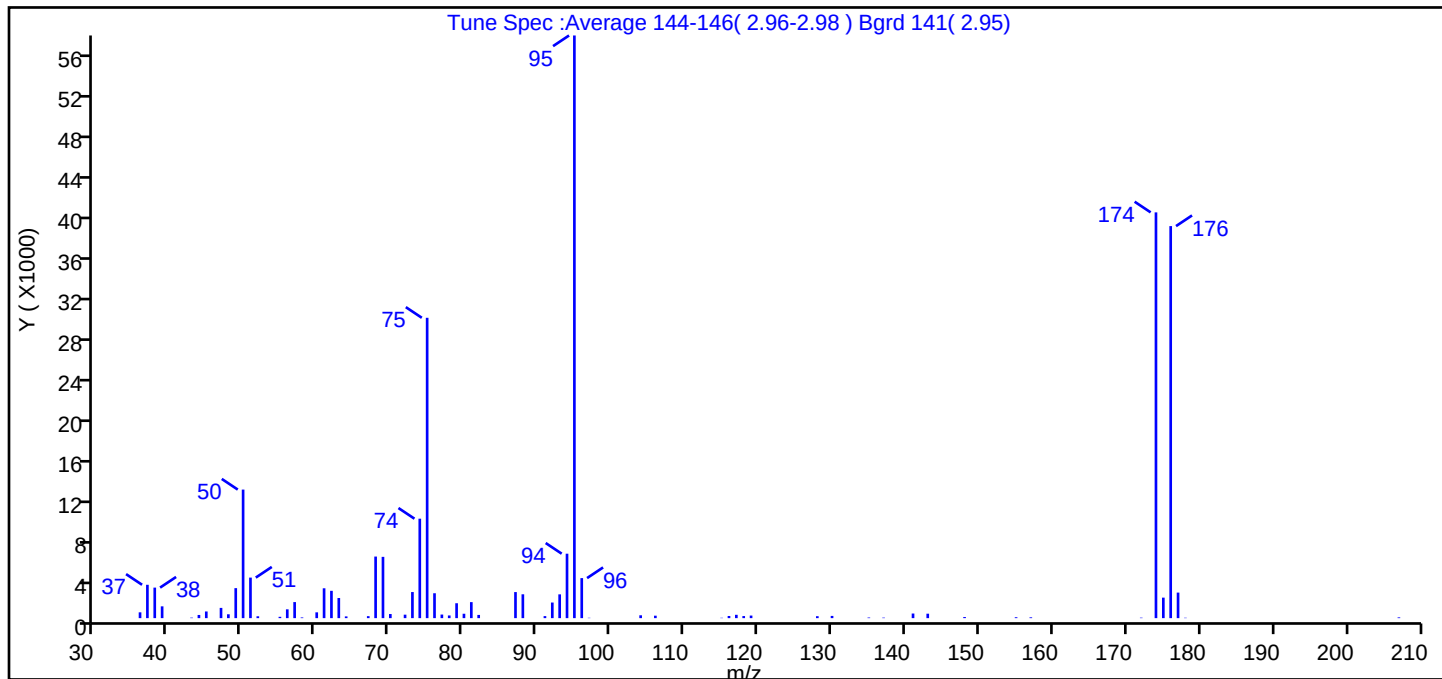
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	22.1
75	30 to 60% of m/z 95	51.5
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	69.6
175	5 to 9% of m/z 174	3.5 (5.1)
176	Greater than 95% but less than 101% of m/z 174	67.3 (96.6)
177	5 to 9% of m/z 176	4.4 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123862.D\8260W_17.rslt\spectra.d
Injection Date: 06-May-2020 06:24:30
Spectrum: Tune Spec :Average 144-146(2.96-2.98) Bgrd 141(2.95)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	573	61.00	2941	82.00	317	130.00	220
37.00	3286	62.00	2691	87.00	2568	135.00	61
38.00	3007	63.00	1982	88.00	2350	137.00	50
39.00	1162	64.00	171	91.00	200	141.00	455
43.00	50	67.00	196	92.00	1538	143.00	438
44.00	314	68.00	6066	93.00	2343	148.00	108
45.00	658	69.00	6037	94.00	6348	155.00	88
47.00	1009	70.00	406	95.00	57392	157.00	79
48.00	381	72.00	342	96.00	3944	172.00	46
49.00	2955	73.00	2570	97.00	34	174.00	39968
50.00	12663	74.00	9795	104.00	282	175.00	2020
51.00	3994	75.00	29584	106.00	242	176.00	38616
52.00	183	76.00	2452	115.00	34	177.00	2516
55.00	131	77.00	354	116.00	212	178.00	38
56.00	869	78.00	264	117.00	329	207.00	75
57.00	1582	79.00	1468	118.00	205		
58.00	69	80.00	434	119.00	254		
60.00	572	81.00	1578	128.00	192		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-692459/7
 Matrix: Water Lab File ID: TT123868.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 08:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.43
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-692459/7
 Matrix: Water Lab File ID: TT123868.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 08:33
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.49
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.43
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		75-123
460-00-4	4-Bromofluorobenzene	97		76-120
2037-26-5	Toluene-d8 (Surr)	104		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123868.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 06-May-2020 08:33:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0109666-007
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 09:50:09 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1008

First Level Reviewer: desais

Date: 06-May-2020 09:41:59

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)	66	2.836	2.836	0.000	98	29853	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.812	3.806	0.006	99	237168	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	83230	50.0	51.2	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	97	112218	50.0	54.3	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	337130	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	92	18315	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	294091	50.0	51.8	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	91	207593	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	69674	50.0	48.6	
* 121 1,4-Dichlorobenzene-d4	152	10.871	10.872	-0.001	98	102895	50.0	50.0	

Reagents:

VOA6IS/SURR_00034

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123868.D

Injection Date: 06-May-2020 08:33:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

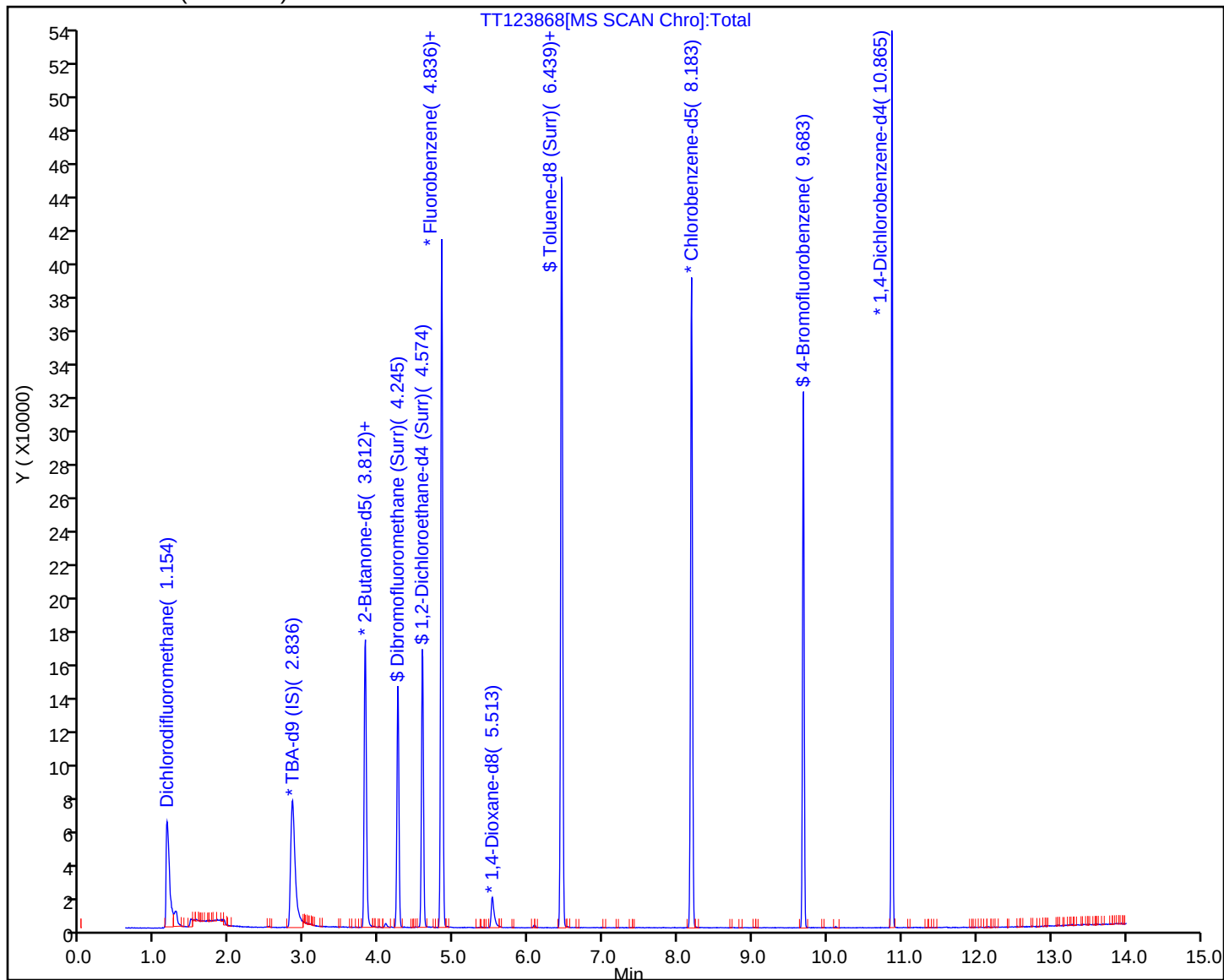
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123868.D

Injection Date: 06-May-2020 08:33:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

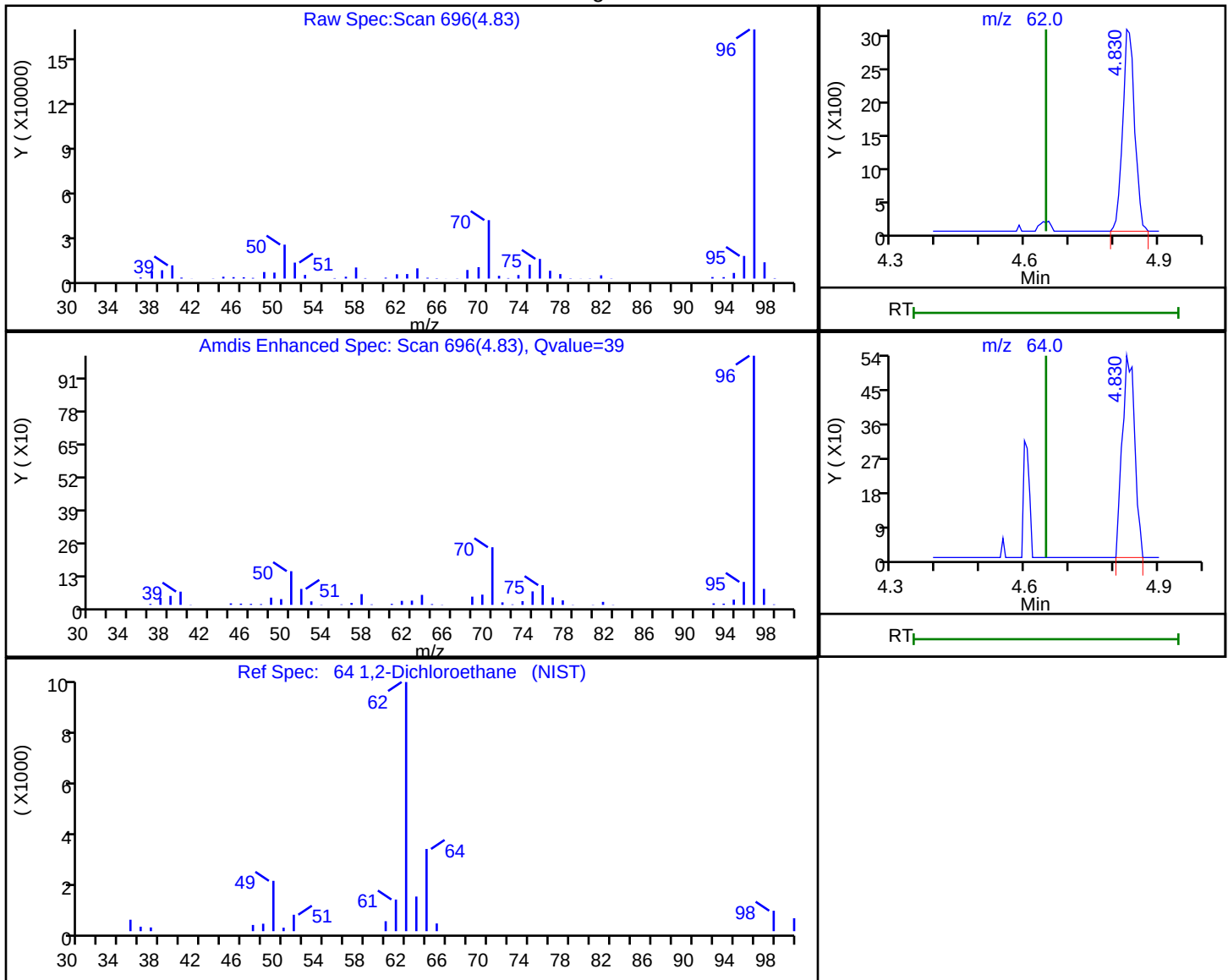
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.83	62.00	5678	1.998482
4.83	64.00	1051	

Reviewer: desais, 06-May-2020 09:41:50

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.: 460-208037-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-692459/3

Matrix: Water Lab File ID: TT123864.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 07:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	104		50	4.4
75-05-8	Acetonitrile	276		10	5.0
71-43-2	Benzene	22.9		1.0	0.20
100-44-7	Benzyl chloride	14.3		10	0.34
75-27-4	Bromodichloromethane	18.7	J	50	0.34
75-25-2	Bromoform	12.4		5.0	0.54
74-83-9	Bromomethane	26.8		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
75-15-0	Carbon disulfide	22.9	J	60	0.82
56-23-5	Carbon tetrachloride	15.6		5.0	0.21
108-90-7	Chlorobenzene	21.3		5.0	0.38
75-00-3	Chloroethane	24.0		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20.2		20	0.43
67-66-3	Chloroform	22.8		7.0	0.33
74-87-3	Chloromethane	25.8		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	19.9		1.0	0.22
124-48-1	Dibromochloromethane	15.8	J	50	0.28
74-95-3	Dibromomethane	21.5		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	16.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.1		3.0	0.43
541-73-1	1,3-Dichlorobenzene	21.6		3.0	0.34
106-46-7	1,4-Dichlorobenzene	21.9		3.0	0.33
75-71-8	Dichlorodifluoromethane	23.1		5.0	0.31
75-34-3	1,1-Dichloroethane	23.0		5.0	0.26
107-06-2	1,2-Dichloroethane	22.1		1.0	0.43
75-35-4	1,1-Dichloroethene	20.9		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	42.5		2.0	0.44
78-87-5	1,2-Dichloropropane	22.1		1.0	0.35
100-41-4	Ethylbenzene	21.9		5.0	0.30
78-93-3	2-Butanone (MEK)	98.6		50	1.9
75-09-2	Methylene Chloride	22.1		5.0	0.32
80-62-6	Methyl methacrylate	38.8	J	50	0.97
179601-23-1	m&p-Xylene	21.7		10	0.30
95-47-6	o-Xylene	21.5		5.0	0.36
100-42-5	Styrene	21.2		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	17.5		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-692459/3
 Matrix: Water Lab File ID: TT123864.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 07:09
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	22.5		5.0	0.37
127-18-4	Tetrachloroethene	22.0		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.5		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.49
71-55-6	1,1,1-Trichloroethane	20.3		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.43
79-01-6	Trichloroethene	19.7		5.0	0.31
96-18-4	1,2,3-Trichloropropane	21.9		1.0	0.66
108-88-3	Toluene	21.6		5.0	0.38
108-05-4	Vinyl acetate	55.0		5.0	0.83
75-01-4	Vinyl chloride	25.0		2.0	0.17
1330-20-7	Xylenes, Total	43.1		15	0.65
591-78-6	2-Hexanone	104		50	1.1
156-59-2	cis-1,2-Dichloroethene	21.1		5.0	0.22
106-93-4	1,2-Dibromoethane	20.4		5.0	0.50
97-63-2	Ethyl methacrylate	19.9		5.0	0.26
74-88-4	Iodomethane	22.4		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	15.8		5.0	0.34
126-98-7	Methacrylonitrile	228		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123864.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 06-May-2020 07:09:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0109666-003
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 09:50:22 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1008

First Level Reviewer: desais

Date: 06-May-2020 09:40:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.300	1.300	0.000	72	3717	20.0	13.6	
2 1,1-Difluoroethane	51	1.367	1.367	0.000	95	62334	20.0	21.0	
3 Chlorotrifluoroethene	116	1.373	1.373	0.000	50	16037	20.0	17.5	
4 Dichlorodifluoromethane	85	1.404	1.404	0.000	99	66332	20.0	23.1	
5 Chlorodifluoromethane	51	1.416	1.416	0.000	99	82071	20.0	22.4	
6 Chloromethane	50	1.538	1.538	0.000	99	91671	20.0	25.8	
7 Vinyl chloride	62	1.617	1.617	0.000	98	82538	20.0	25.0	
8 Butadiene	54	1.617	1.617	0.000	95	71401	20.0	25.7	
9 Bromomethane	94	1.855	1.855	0.000	99	48335	20.0	26.8	
10 Chloroethane	64	1.916	1.916	0.000	100	43900	20.0	24.0	
11 Dichlorofluoromethane	67	2.068	2.068	0.000	98	110633	20.0	23.9	
12 Trichlorofluoromethane	101	2.074	2.074	0.000	98	73476	20.0	23.6	
13 Pentane	72	2.087	2.087	0.000	97	16198	40.0	44.9	
14 Ethanol	46	2.245	2.245	0.000	87	12135	800.0	926.6	
15 Ethyl ether	74	2.257	2.257	0.000	92	25431	20.0	21.2	
16 2-Methyl-1,3-butadiene	53	2.276	2.276	0.000	97	47073	20.0	22.7	
17 1,2-Dichloro-1,1,2-trifluo	117	2.306	2.306	0.000	94	38155	20.0	22.7	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.361	2.361	0.000	97	67245	20.0	23.2	a
19 Acrolein	56	2.404	2.404	0.000	92	11263	40.0	51.5	
20 1,1,2-Trichloro-1,2,2-trif	101	2.428	2.428	0.000	90	43373	20.0	23.8	
21 1,1-Dichloroethene	96	2.440	2.440	0.000	96	40397	20.0	20.9	
22 Acetone	43	2.513	2.513	0.000	85	74761	100.0	104.0	
23 Iodomethane	142	2.574	2.574	0.000	99	72620	20.0	22.4	
25 Isopropyl alcohol	45	2.599	2.599	0.000	33	29062	200.0	197.0	
24 Carbon disulfide	76	2.605	2.605	0.000	100	185765	20.0	22.9	
26 3-Chloro-1-propene	76	2.721	2.721	0.000	91	27153	20.0	21.1	
27 Methyl acetate	43	2.727	2.727	0.000	99	73432	40.0	43.7	
28 Cyclopentene	67	2.733	2.733	0.000	90	116666	20.0	22.6	
29 Acetonitrile	40	2.782	2.782	0.000	99	50108	200.0	276.1	
30 Methylene Chloride	84	2.830	2.830	0.000	98	52099	20.0	22.1	
* 31 TBA-d9 (IS)	66	2.836	2.836	0.000	95	28023	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.897	2.897	0.000	97	39623	200.0	196.3	a
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	98	116801	20.0	22.1	
34 trans-1,2-Dichloroethene	96	3.001	3.001	0.000	98	43617	20.0	21.5	
35 Acrylonitrile	53	3.068	3.068	0.000	95	189407	200.0	235.1	
36 Hexane	57	3.141	3.141	0.000	94	67467	20.0	25.4	
37 Isopropyl ether	45	3.336	3.336	0.000	97	184276	20.0	24.3	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	88272	20.0	23.0	
39 Vinyl acetate	86	3.379	3.379	0.000	100	15160	40.0	55.0	
40 2-Chloro-1,3-butadiene	88	3.403	3.403	0.000	93	37091	20.0	22.1	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	87	145330	20.0	22.3	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	98	215852	250.0	250.0	
43 2,2-Dichloropropane	97	3.824	3.824	0.000	90	14302	20.0	22.6	
44 cis-1,2-Dichloroethene	96	3.836	3.836	0.000	91	46234	20.0	21.1	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	95	23109	100.0	98.6	
46 Ethyl acetate	70	3.867	3.867	0.000	95	8598	40.0	41.8	
47 Methyl acrylate	55	3.916	3.916	0.000	99	35991	20.0	20.4	
48 Propionitrile	54	3.983	3.983	0.000	98	68978	200.0	243.2	
49 Chlorobromomethane	128	4.050	4.050	0.000	98	19952	20.0	21.2	
50 Tetrahydrofuran	72	4.056	4.056	0.000	95	10513	40.0	39.2	
51 Methacrylonitrile	67	4.080	4.080	0.000	96	176771	200.0	228.4	
52 Chloroform	83	4.098	4.098	0.000	98	76690	20.0	22.8	
53 Cyclohexane	84	4.220	4.220	0.000	96	65023	20.0	21.5	
54 1,1,1-Trichloroethane	97	4.239	4.239	0.000	97	60051	20.0	20.3	
\$ 55 Dibromofluoromethane (Surr	113	4.251	4.251	0.000	96	75765	50.0	51.5	
56 Carbon tetrachloride	117	4.348	4.348	0.000	97	38117	20.0	15.6	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	94	57302	20.0	22.1	
58 Isobutyl alcohol	43	4.519	4.519	0.000	92	83911	500.0	537.3	
59 Isooctane	57	4.537	4.537	0.000	99	177430	20.0	23.8	
60 Benzene	78	4.562	4.562	0.000	98	170818	20.0	22.9	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.580	4.580	0.000	97	99240	50.0	53.1	
62 Tert-amyl methyl ether	73	4.629	4.629	0.000	72	142847	20.0	23.8	
63 Isopropyl acetate	61	4.635	4.635	0.000	93	22506	20.0	22.1	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	97	56848	20.0	22.1	
65 n-Heptane	100	4.714	4.714	0.000	97	10041	20.0	24.1	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	304956	50.0	50.0	
67 n-Butanol	56	5.141	5.141	0.000	93	21778	500.0	407.2	
68 Trichloroethene	95	5.171	5.171	0.000	94	38652	20.0	19.7	
69 Methylcyclohexane	83	5.287	5.287	0.000	88	73610	20.0	21.0	
70 Ethyl acrylate	99	5.299	5.299	0.000	96	5338	20.0	21.3	
71 1,2-Dichloropropane	63	5.446	5.446	0.000	89	45666	20.0	22.1	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	16675	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	94	16758	40.0	38.8	
75 1,4-Dioxane	88	5.568	5.568	0.000	47	9206	400.0	445.3	
74 Dibromomethane	93	5.568	5.568	0.000	91	24293	20.0	21.5	
76 n-Propyl acetate	43	5.592	5.592	0.000	100	60949	20.0	22.0	
77 Dichlorobromomethane	83	5.720	5.720	0.000	98	45507	20.0	18.7	
78 2-Nitropropane	41	6.055	6.055	0.000	70	7774	40.0	14.9	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	88	25528	20.0	20.2	
80 Epichlorohydrin	57	6.153	6.153	0.000	99	85360	400.0	390.4	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	96	59315	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	231202	100.0	109.3	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	277704	50.0	50.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.519	6.519	0.000	93	157016	20.0	21.6	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	98	50491	20.0	19.1	
86 Ethyl methacrylate	69	6.909	6.909	0.000	93	45993	20.0	19.9	
87 1,1,2-Trichloroethane	83	7.073	7.073	0.000	95	28617	20.0	21.0	
88 Tetrachloroethene	166	7.104	7.104	0.000	92	31782	20.0	22.0	
89 1,3-Dichloropropane	76	7.275	7.275	0.000	98	56574	20.0	21.8	
90 2-Hexanone	43	7.354	7.354	0.000	99	136016	100.0	104.5	
91 n-Butyl acetate	43	7.476	7.476	0.000	98	62221	20.0	21.3	
92 Chlorodibromomethane	129	7.494	7.494	0.000	98	22943	20.0	15.8	
93 Ethylene Dibromide	107	7.640	7.640	0.000	100	28776	20.0	20.4	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	92	199445	50.0	50.0	
95 Chlorobenzene	112	8.220	8.220	0.000	90	89689	20.0	21.3	
96 Ethylbenzene	106	8.329	8.329	0.000	100	51010	20.0	21.9	
97 1,1,1,2-Tetrachloroethane	131	8.342	8.342	0.000	88	28245	20.0	17.5	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	99	61586	20.0	21.7	
99 o-Xylene	106	9.006	9.006	0.000	92	64401	20.0	21.5	
100 n-Butyl acrylate	73	9.018	9.018	0.000	95	25823	20.0	18.5	
101 Styrene	104	9.043	9.043	0.000	92	100288	20.0	21.2	
102 Bromoform	173	9.286	9.286	0.000	93	10709	20.0	12.4	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	88	71604	20.0	20.6	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	175725	20.0	21.6	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	68085	50.0	49.4	
106 Bromobenzene	156	9.823	9.823	0.000	91	33999	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	98	45633	20.0	22.5	
108 N-Propylbenzene	91	9.927	9.927	0.000	98	216707	20.0	22.3	
109 1,2,3-Trichloropropane	110	9.945	9.945	0.000	98	11502	20.0	21.9	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	78	10592	20.0	15.8	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	147935	20.0	22.1	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	167233	20.0	22.2	
113 1,3,5-Trimethylbenzene	105	10.134	10.134	0.000	91	148912	20.0	22.1	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	139041	20.0	22.4	
115 Butyl Methacrylate	87	10.268	10.268	0.000	96	45428	20.0	19.0	
116 tert-Butylbenzene	119	10.451	10.451	0.000	90	114500	20.0	21.5	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	151560	20.0	21.9	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	194027	20.0	22.1	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	68300	20.0	21.6	
120 4-Isopropyltoluene	119	10.817	10.817	0.000	96	155536	20.0	21.9	
* 121 1,4-Dichlorobenzene-d4	152	10.872	10.872	0.000	98	94447	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.890	10.890	0.000	92	68413	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	160107	20.0	22.3	
124 Benzyl chloride	91	11.036	11.036	0.000	97	52349	20.0	14.3	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	138352	20.0	21.7	
126 p-Diethylbenzene	119	11.170	11.170	0.000	90	81633	20.0	21.9	
127 n-Butylbenzene	92	11.195	11.195	0.000	97	92532	20.0	23.1	
128 1,2-Dichlorobenzene	146	11.231	11.231	0.000	93	71359	20.0	22.1	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	153605	20.0	21.0	
130 1,2-Dibromo-3-Chloropropan	157	11.932	11.932	0.000	85	6429	20.0	16.1	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	59744	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	58003	20.0	21.9	
133 Hexachlorobutadiene	225	12.646	12.646	0.000	89	22865	20.0	21.6	
134 Naphthalene	128	12.743	12.743	0.000	98	150508	20.0	21.4	
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	93	57183	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	43.1	
S 138 Total 1,2-dichloroethene	1				0			42.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.0	
S 140 Total BTEX	1				0		100.0	109.6	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00118	Amount Added: 20.00	Units: uL	
GASES Li_00366	Amount Added: 20.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
524freon_00022	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123864.D

Injection Date: 06-May-2020 07:09:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

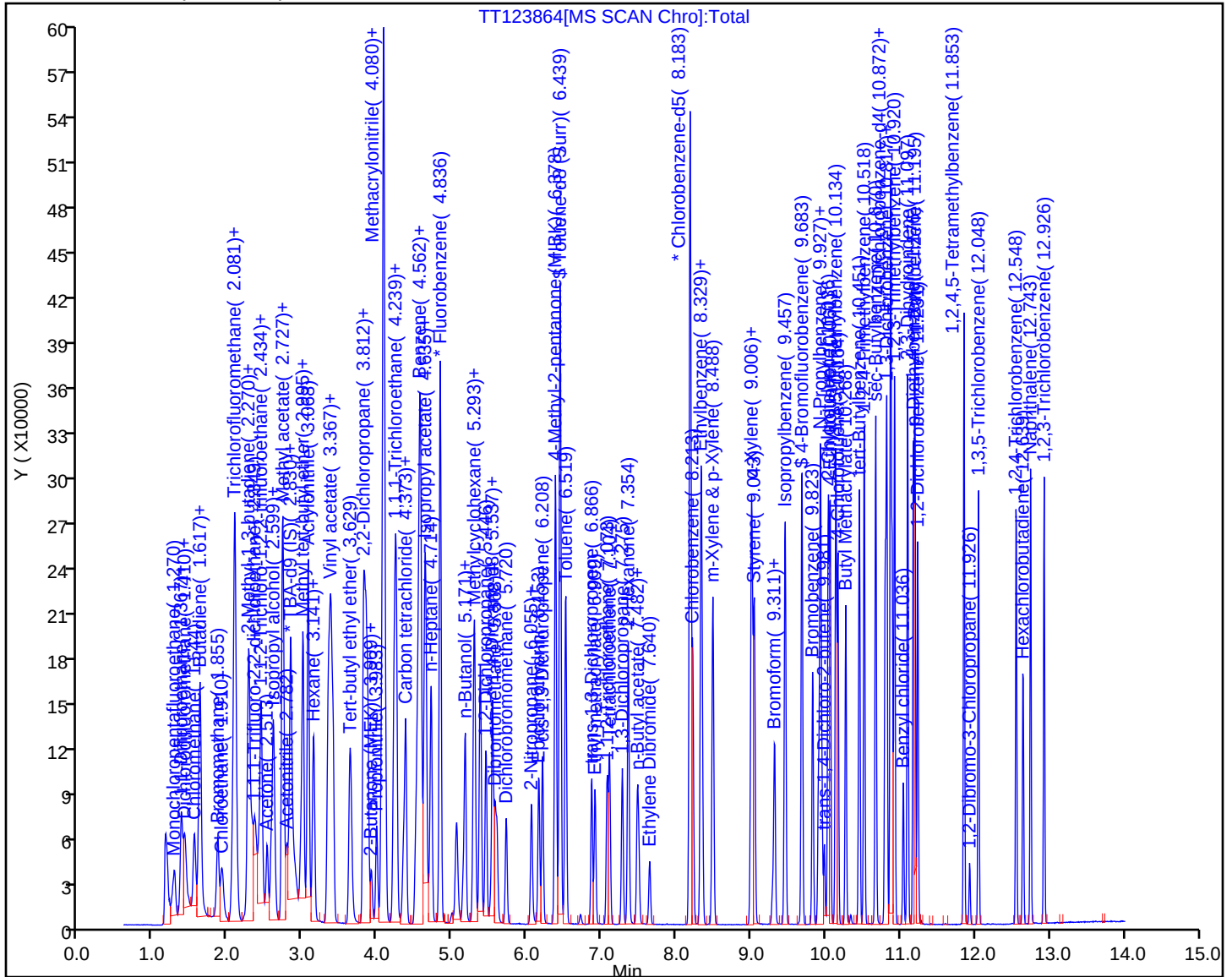
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-692459/4
 Matrix: Water Lab File ID: TT123865.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 07:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	105		50	4.4
75-05-8	Acetonitrile	269		10	5.0
71-43-2	Benzene	22.9		1.0	0.20
100-44-7	Benzyl chloride	14.5		10	0.34
75-27-4	Bromodichloromethane	19.2	J	50	0.34
75-25-2	Bromoform	12.4		5.0	0.54
74-83-9	Bromomethane	27.4		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	110		5.0	1.3
75-15-0	Carbon disulfide	22.9	J	60	0.82
56-23-5	Carbon tetrachloride	15.5		5.0	0.21
108-90-7	Chlorobenzene	21.2		5.0	0.38
75-00-3	Chloroethane	24.4		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20.4		20	0.43
67-66-3	Chloroform	22.9		7.0	0.33
74-87-3	Chloromethane	25.3		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	20.1		1.0	0.22
124-48-1	Dibromochloromethane	15.6	J	50	0.28
74-95-3	Dibromomethane	21.5		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	16.2		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.6		3.0	0.43
541-73-1	1,3-Dichlorobenzene	22.2		3.0	0.34
106-46-7	1,4-Dichlorobenzene	22.2		3.0	0.33
75-71-8	Dichlorodifluoromethane	22.1		5.0	0.31
75-34-3	1,1-Dichloroethane	23.0		5.0	0.26
107-06-2	1,2-Dichloroethane	22.5		1.0	0.43
75-35-4	1,1-Dichloroethene	21.2		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	42.7		2.0	0.44
78-87-5	1,2-Dichloropropane	22.2		1.0	0.35
100-41-4	Ethylbenzene	21.6		5.0	0.30
78-93-3	2-Butanone (MEK)	98.7		50	1.9
75-09-2	Methylene Chloride	22.6		5.0	0.32
80-62-6	Methyl methacrylate	37.9	J	50	0.97
179601-23-1	m&p-Xylene	21.7		10	0.30
95-47-6	o-Xylene	21.2		5.0	0.36
100-42-5	Styrene	21.3		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	17.7		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-692459/4
 Matrix: Water Lab File ID: TT123865.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 05/06/2020 07:30
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 692459 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	22.5		5.0	0.37
127-18-4	Tetrachloroethene	21.9		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.5		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.49
71-55-6	1,1,1-Trichloroethane	20.9		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.0		1.0	0.43
79-01-6	Trichloroethene	20.3		5.0	0.31
96-18-4	1,2,3-Trichloropropane	21.9		1.0	0.66
108-88-3	Toluene	21.9		5.0	0.38
108-05-4	Vinyl acetate	52.9		5.0	0.83
75-01-4	Vinyl chloride	25.1		2.0	0.17
1330-20-7	Xylenes, Total	42.8		15	0.65
591-78-6	2-Hexanone	107		50	1.1
156-59-2	cis-1,2-Dichloroethene	21.1		5.0	0.22
106-93-4	1,2-Dibromoethane	21.2		5.0	0.50
97-63-2	Ethyl methacrylate	20.1		5.0	0.26
74-88-4	Iodomethane	22.4		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	16.6		5.0	0.34
126-98-7	Methacrylonitrile	229		5.0	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-123
460-00-4	4-Bromofluorobenzene	98		76-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123865.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 06-May-2020 07:30:30 ALS Bottle#: 2 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0109666-004
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 06-May-2020 09:50:22 Calib Date: 27-Apr-2020 14:45:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20200427-109187.b\TT123411.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1008

First Level Reviewer: desais

Date: 06-May-2020 09:41:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethan	119	1.282	1.300	-0.018	73	3105	20.0	11.4	
2 1,1-Difluoroethane	51	1.367	1.367	0.000	95	62756	20.0	21.1	
3 Chlorotrifluoroethene	116	1.373	1.373	0.000	68	15295	20.0	16.7	
4 Dichlorodifluoromethane	85	1.404	1.404	0.000	98	63446	20.0	22.1	
5 Chlorodifluoromethane	51	1.416	1.416	0.000	99	82362	20.0	22.5	
6 Chloromethane	50	1.538	1.538	0.000	99	89708	20.0	25.3	
7 Vinyl chloride	62	1.617	1.617	0.000	77	83020	20.0	25.1	
8 Butadiene	54	1.617	1.617	0.000	95	70076	20.0	25.2	
9 Bromomethane	94	1.855	1.855	0.000	99	48700	20.0	27.4	
10 Chloroethane	64	1.910	1.916	-0.006	99	44273	20.0	24.4	
11 Dichlorofluoromethane	67	2.062	2.068	-0.006	98	112377	20.0	24.3	
12 Trichlorofluoromethane	101	2.074	2.074	0.000	97	73505	20.0	23.6	
13 Pentane	72	2.087	2.087	0.000	96	16379	40.0	45.4	
14 Ethanol	46	2.251	2.245	0.006	85	12875	800.0	1018.2	
15 Ethyl ether	74	2.257	2.257	0.000	91	25836	20.0	21.6	
16 2-Methyl-1,3-butadiene	53	2.276	2.276	0.000	97	47832	20.0	23.1	
17 1,2-Dichloro-1,1,2-trifluo	117	2.306	2.306	0.000	89	35937	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichlo	83	2.349	2.361	-0.012	94	67949	20.0	23.4	a
19 Acrolein	56	2.410	2.404	0.006	96	11160	40.0	52.8	
20 1,1,2-Trichloro-1,2,2-trif	101	2.428	2.428	0.000	89	43063	20.0	23.7	
21 1,1-Dichloroethene	96	2.434	2.440	-0.006	93	40954	20.0	21.2	
22 Acetone	43	2.513	2.513	0.000	86	74826	100.0	105.3	
23 Iodomethane	142	2.574	2.574	0.000	99	72425	20.0	22.4	
25 Isopropyl alcohol	45	2.593	2.599	-0.006	35	28897	200.0	202.8	
24 Carbon disulfide	76	2.605	2.605	0.000	100	185967	20.0	22.9	
26 3-Chloro-1-propene	76	2.721	2.721	0.000	88	27726	20.0	21.5	
27 Methyl acetate	43	2.727	2.727	0.000	98	71222	40.0	42.4	
28 Cyclopentene	67	2.733	2.733	0.000	91	118831	20.0	23.0	
29 Acetonitrile	40	2.782	2.782	0.000	99	48304	200.0	269.2	
30 Methylene Chloride	84	2.830	2.830	0.000	99	53131	20.0	22.6	
* 31 TBA-d9 (IS)	66	2.843	2.836	0.007	99	27058	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.904	2.897	0.007	98	38992	200.0	200.1	
33 Methyl tert-butyl ether	73	2.983	2.983	0.000	98	113792	20.0	21.5	
34 trans-1,2-Dichloroethene	96	2.995	3.001	-0.006	98	43661	20.0	21.5	
35 Acrylonitrile	53	3.068	3.068	0.000	94	187532	200.0	232.9	
36 Hexane	57	3.135	3.141	-0.006	94	66122	20.0	24.9	
37 Isopropyl ether	45	3.336	3.336	0.000	96	185991	20.0	24.5	
38 1,1-Dichloroethane	63	3.361	3.361	0.000	99	88015	20.0	23.0	
39 Vinyl acetate	86	3.379	3.379	0.000	100	14410	40.0	52.9	
40 2-Chloro-1,3-butadiene	88	3.397	3.403	-0.006	93	37622	20.0	22.4	
41 Tert-butyl ethyl ether	59	3.629	3.629	0.000	87	148158	20.0	22.7	
* 42 2-Butanone-d5	46	3.806	3.806	0.000	98	213375	250.0	250.0	
43 2,2-Dichloropropane	97	3.824	3.824	0.000	86	14053	20.0	22.2	
44 cis-1,2-Dichloroethene	96	3.836	3.836	0.000	91	46354	20.0	21.1	
45 2-Butanone (MEK)	72	3.861	3.861	0.000	95	22881	100.0	98.7	
46 Ethyl acetate	70	3.861	3.867	-0.006	96	8502	40.0	41.8	
47 Methyl acrylate	55	3.909	3.916	-0.007	99	36847	20.0	20.9	
48 Propionitrile	54	3.983	3.983	0.000	98	68550	200.0	250.3	
49 Chlorobromomethane	128	4.050	4.050	0.000	97	20423	20.0	21.7	
50 Tetrahydrofuran	72	4.050	4.056	-0.006	96	10516	40.0	39.7	
51 Methacrylonitrile	67	4.074	4.080	-0.006	96	177087	200.0	229.0	
52 Chloroform	83	4.098	4.098	0.000	97	76731	20.0	22.9	
53 Cyclohexane	84	4.220	4.220	0.000	97	64567	20.0	21.4	
54 1,1,1-Trichloroethane	97	4.239	4.239	0.000	98	61697	20.0	20.9	
\$ 55 Dibromofluoromethane (Surr	113	4.245	4.251	-0.006	95	75570	50.0	51.4	
56 Carbon tetrachloride	117	4.348	4.348	0.000	97	37991	20.0	15.5	
57 1,1-Dichloropropene	75	4.373	4.373	0.000	94	57710	20.0	22.3	
58 Isobutyl alcohol	43	4.519	4.519	0.000	91	82604	500.0	547.8	
59 Isooctane	57	4.537	4.537	0.000	99	178886	20.0	24.0	
60 Benzene	78	4.562	4.562	0.000	98	173038	20.0	22.9	
\$ 61 1,2-Dichloroethane-d4 (Sur	65	4.574	4.580	-0.006	96	98754	50.0	52.9	
62 Tert-amyl methyl ether	73	4.635	4.629	0.006	86	144504	20.0	24.1	
63 Isopropyl acetate	61	4.629	4.635	-0.006	93	22884	20.0	22.5	
64 1,2-Dichloroethane	62	4.647	4.647	0.000	97	57818	20.0	22.5	
65 n-Heptane	100	4.714	4.714	0.000	98	9578	20.0	23.0	
* 66 Fluorobenzene	96	4.836	4.836	0.000	97	304713	50.0	50.0	
67 n-Butanol	56	5.147	5.141	0.006	92	21903	500.0	424.1	
68 Trichloroethene	95	5.171	5.171	0.000	94	39739	20.0	20.3	
69 Methylcyclohexane	83	5.287	5.287	0.000	88	73034	20.0	20.8	
70 Ethyl acrylate	99	5.299	5.299	0.000	96	5007	20.0	20.0	
71 1,2-Dichloropropane	63	5.446	5.446	0.000	89	45865	20.0	22.2	
* 72 1,4-Dioxane-d8	96	5.513	5.513	0.000	91	16157	1000.0	1000.0	
73 Methyl methacrylate	100	5.537	5.537	0.000	94	16373	40.0	37.9	
75 1,4-Dioxane	88	5.568	5.568	0.000	47	9283	400.0	463.5	
74 Dibromomethane	93	5.568	5.568	0.000	90	24370	20.0	21.5	
76 n-Propyl acetate	43	5.598	5.592	0.006	99	63469	20.0	22.9	
77 Dichlorobromomethane	83	5.720	5.720	0.000	98	46707	20.0	19.2	
78 2-Nitropropane	41	6.055	6.055	0.000	72	7692	40.0	14.8	
79 2-Chloroethyl vinyl ether	63	6.061	6.061	0.000	88	25751	20.0	20.4	
80 Epichlorohydrin	57	6.159	6.153	0.006	99	85153	400.0	394.0	
81 cis-1,3-Dichloropropene	75	6.208	6.208	0.000	95	60665	20.0	20.1	
82 4-Methyl-2-pentanone (MIBK	43	6.378	6.378	0.000	98	230582	100.0	110.3	
\$ 83 Toluene-d8 (Surr)	98	6.439	6.439	0.000	97	278390	50.0	50.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.519	6.519	0.000	92	161051	20.0	21.9	
85 trans-1,3-Dichloropropene	75	6.866	6.866	0.000	98	51016	20.0	19.0	
86 Ethyl methacrylate	69	6.909	6.909	0.000	94	47126	20.0	20.1	
87 1,1,2-Trichloroethane	83	7.067	7.073	-0.006	96	29069	20.0	21.0	
88 Tetrachloroethene	166	7.104	7.104	0.000	93	32123	20.0	21.9	
89 1,3-Dichloropropane	76	7.275	7.275	0.000	98	57280	20.0	21.8	
90 2-Hexanone	43	7.354	7.354	0.000	99	137440	100.0	106.8	
91 n-Butyl acetate	43	7.476	7.476	0.000	98	62329	20.0	21.1	
92 Chlorodibromomethane	129	7.494	7.494	0.000	96	23029	20.0	15.6	
93 Ethylene Dibromide	107	7.640	7.640	0.000	97	30355	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.183	8.183	0.000	93	202463	50.0	50.0	
95 Chlorobenzene	112	8.220	8.220	0.000	90	90619	20.0	21.2	
96 Ethylbenzene	106	8.329	8.329	0.000	99	51227	20.0	21.6	
97 1,1,1,2-Tetrachloroethane	131	8.342	8.342	0.000	88	28979	20.0	17.7	
98 m-Xylene & p-Xylene	106	8.488	8.488	0.000	99	62438	20.0	21.7	
99 o-Xylene	106	9.006	9.006	0.000	91	64577	20.0	21.2	
100 n-Butyl acrylate	73	9.018	9.018	0.000	96	26593	20.0	18.7	
101 Styrene	104	9.043	9.043	0.000	92	102134	20.0	21.3	
102 Bromoform	173	9.286	9.286	0.000	93	10873	20.0	12.4	
103 Amyl acetate (mixed isomer)	43	9.317	9.317	0.000	88	72529	20.0	21.0	
104 Isopropylbenzene	105	9.457	9.457	0.000	97	179291	20.0	21.7	
\$ 105 4-Bromofluorobenzene	174	9.683	9.683	0.000	0	68437	50.0	48.9	
106 Bromobenzene	156	9.823	9.823	0.000	91	34995	20.0	21.0	
107 1,1,2,2-Tetrachloroethane	83	9.902	9.902	0.000	98	45425	20.0	22.5	
108 N-Propylbenzene	91	9.927	9.927	0.000	98	220883	20.0	22.9	
109 1,2,3-Trichloropropane	110	9.951	9.945	0.006	98	11450	20.0	21.9	
110 trans-1,4-Dichloro-2-buten	53	9.981	9.981	0.000	76	11018	20.0	16.6	
111 2-Chlorotoluene	91	10.036	10.036	0.000	96	149207	20.0	22.5	
112 4-Ethyltoluene	105	10.061	10.061	0.000	98	169870	20.0	22.7	
113 1,3,5-Trimethylbenzene	105	10.134	10.134	0.000	91	150792	20.0	22.5	
114 4-Chlorotoluene	91	10.164	10.164	0.000	99	141545	20.0	23.0	
115 Butyl Methacrylate	87	10.268	10.268	0.000	94	46235	20.0	19.5	
116 tert-Butylbenzene	119	10.451	10.451	0.000	90	115891	20.0	22.0	
117 1,2,4-Trimethylbenzene	105	10.518	10.518	0.000	98	152274	20.0	22.2	
118 sec-Butylbenzene	105	10.670	10.670	0.000	98	197336	20.0	22.6	
119 1,3-Dichlorobenzene	146	10.798	10.798	0.000	93	69820	20.0	22.2	
120 4-Isopropyltoluene	119	10.817	10.817	0.000	97	158335	20.0	22.5	
* 121 1,4-Dichlorobenzene-d4	152	10.872	10.872	0.000	98	93747	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.890	10.890	0.000	92	68892	20.0	22.2	
123 1,2,3-Trimethylbenzene	105	10.920	10.920	0.000	99	161681	20.0	22.7	
124 Benzyl chloride	91	11.042	11.036	0.006	98	52571	20.0	14.5	
125 2,3-Dihydroindene	117	11.097	11.097	0.000	94	142727	20.0	22.6	
126 p-Diethylbenzene	119	11.170	11.170	0.000	90	83615	20.0	22.6	
127 n-Butylbenzene	92	11.195	11.195	0.000	97	93580	20.0	23.5	
128 1,2-Dichlorobenzene	146	11.231	11.231	0.000	92	72197	20.0	22.6	
129 1,2,4,5-Tetramethylbenzene	119	11.853	11.853	0.000	96	158039	20.0	21.7	
130 1,2-Dibromo-3-Chloropropan	157	11.926	11.932	-0.006	85	6442	20.0	16.2	
131 1,3,5-Trichlorobenzene	180	12.048	12.048	0.000	95	60639	20.0	22.5	
132 1,2,4-Trichlorobenzene	180	12.554	12.554	0.000	93	58122	20.0	22.1	
133 Hexachlorobutadiene	225	12.646	12.646	0.000	94	22950	20.0	21.9	
134 Naphthalene	128	12.743	12.743	0.000	98	151072	20.0	21.6	
135 1,2,3-Trichlorobenzene	180	12.926	12.926	0.000	93	56796	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.7	
S 137 Xylenes, Total	100				0		40.0	42.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.1	
S 140 Total BTEX	1				0		100.0	109.2	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00118	Amount Added: 20.00	Units: uL	
GASES Li_00366	Amount Added: 20.00	Units: uL	
ACROLEIN W_00106	Amount Added: 4.00	Units: uL	
524freon_00022	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00034	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20200506-109666.b\TT123865.D

Injection Date: 06-May-2020 07:30:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

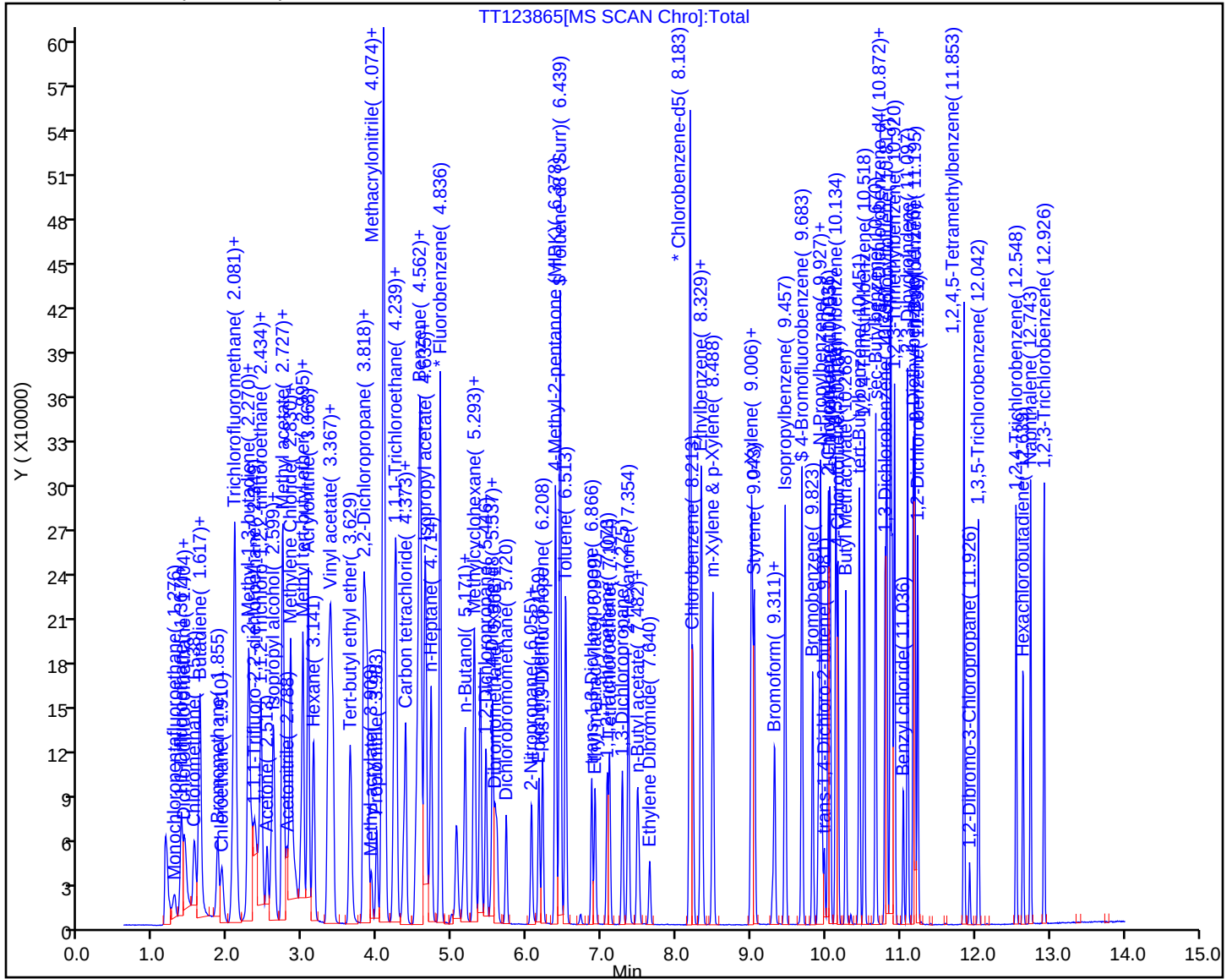
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 04/27/2020 12:03Analysis Batch Number: 690376 End Date: 04/27/2020 15:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-690376/1		04/27/2020 12:03	1	TT123403.D	DB-624 0.18 (mm)
STD8 460-690376/2 IC		04/27/2020 12:20	1	TT123404.D	DB-624 0.18 (mm)
STD05 460-690376/3 IC		04/27/2020 12:41	1	TT123405.D	DB-624 0.18 (mm)
STD1 460-690376/4 IC		04/27/2020 13:02	1	TT123406.D	DB-624 0.18 (mm)
STD5 460-690376/5 IC		04/27/2020 13:23	1	TT123407.D	DB-624 0.18 (mm)
STD20 460-690376/6 ICIS		04/27/2020 13:43	1	TT123408.D	DB-624 0.18 (mm)
STD50 460-690376/7 IC		04/27/2020 14:04	1	TT123409.D	DB-624 0.18 (mm)
STD200 460-690376/8 IC		04/27/2020 14:25	1	TT123410.D	DB-624 0.18 (mm)
STD500 460-690376/9 IC		04/27/2020 14:45	1	TT123411.D	DB-624 0.18 (mm)
ICV 460-690376/12		04/27/2020 15:48	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-208037-1

SDG No.: _____

Instrument ID: CVOAMS17Start Date: 05/06/2020 06:24Analysis Batch Number: 692459End Date: 05/06/2020 16:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-692459/1		05/06/2020 06:24	1	TT123862.D	DB-624 0.18 (mm)
CCVIS 460-692459/2		05/06/2020 06:47	1	TT123863.D	DB-624 0.18 (mm)
LCS 460-692459/3		05/06/2020 07:09	1	TT123864.D	DB-624 0.18 (mm)
LCSD 460-692459/4		05/06/2020 07:30	1	TT123865.D	DB-624 0.18 (mm)
MB 460-692459/7		05/06/2020 08:33	1	TT123868.D	DB-624 0.18 (mm)
460-208037-7		05/06/2020 08:53	1	TT123869.D	DB-624 0.18 (mm)
ZZZZZ		05/06/2020 09:14	1		DB-624 0.18 (mm)
460-208037-1		05/06/2020 09:35	1	TT123871.D	DB-624 0.18 (mm)
460-208037-2		05/06/2020 09:55	1	TT123872.D	DB-624 0.18 (mm)
460-208037-3		05/06/2020 10:16	1	TT123873.D	DB-624 0.18 (mm)
ZZZZZ		05/06/2020 10:37	1		DB-624 0.18 (mm)
460-208037-5		05/06/2020 10:57	1	TT123875.D	DB-624 0.18 (mm)
460-208037-6		05/06/2020 11:18	1	TT123876.D	DB-624 0.18 (mm)
ZZZZZ		05/06/2020 11:39	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 12:00	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 12:20	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 12:41	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 13:02	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 13:22	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 13:43	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 14:04	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 14:25	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 14:45	1		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 15:06	1		DB-624 0.18 (mm)
460-208037-4		05/06/2020 15:27	1	TT123888.D	DB-624 0.18 (mm)
ZZZZZ		05/06/2020 15:48	10		DB-624 0.18 (mm)
ZZZZZ		05/06/2020 16:09	10		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1

SDG No.: _____

Batch Number: 692459 Batch Start Date: 05/06/20 06:24 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00022	8260MIX1COMB 00118	ACROLEIN W 00106	BFB 00025
BFB 460-692459/1		8260C		5 mL	5 mL				1 uL
CCVIS 460-692459/2		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCS 460-692459/3		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
LCSD 460-692459/4		8260C		5 mL	5 mL	20 uL	20 uL	4 uL	
MB 460-692459/7		8260C		5 mL	5 mL				
460-208037-A-7	Trip Blank	8260C	T	5 mL	5 mL				
460-208037-A-1	GT-1R	8260C	T	5 mL	5 mL				
460-208037-A-2	GT-2R	8260C	T	5 mL	5 mL				
460-208037-A-3	GT-3	8260C	T	5 mL	5 mL				
460-208037-A-5	GT-5	8260C	T	5 mL	5 mL				
460-208037-A-6	GW-DUP	8260C	T	5 mL	5 mL				
460-208037-A-4	GT-4	8260C	T	5 mL	5 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00366	VOA6IS/SURR 00034				
BFB 460-692459/1		8260C							
CCVIS 460-692459/2		8260C		20 uL	5 uL				
LCS 460-692459/3		8260C		20 uL	5 uL				
LCSD 460-692459/4		8260C		20 uL	5 uL				
MB 460-692459/7		8260C			5 uL				
460-208037-A-7	Trip Blank	8260C	T		5 uL				
460-208037-A-1	GT-1R	8260C	T		5 uL				
460-208037-A-2	GT-2R	8260C	T		5 uL				
460-208037-A-3	GT-3	8260C	T		5 uL				
460-208037-A-5	GT-5	8260C	T		5 uL				
460-208037-A-6	GW-DUP	8260C	T		5 uL				
460-208037-A-4	GT-4	8260C	T		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.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1

SDG No.: _____

Batch Number: 692459 Batch Start Date: 05/06/20 06:24 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

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.

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-208037-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-1R	460-208037-1	80
GT-2R	460-208037-2	94
GT-3	460-208037-3	89
GT-4	460-208037-4	83
GT-5	460-208037-5	83
GW-DUP	460-208037-6	88
	MB 460-692128/1-A	96
	LCS 460-692128/2-A	86
	LCSD 460-692128/3-A	116

OTPH = o-Terphenyl

QC LIMITS
38-149

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F026407.D
Lab ID: LCS 460-692128/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	10000	7930	79	70-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F026408.D
Lab ID: LCSD 460-692128/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	10000	10500	105	28	30	70-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab File ID: 3F026406.D Lab Sample ID: MB 460-692128/1-A
Matrix: Water Date Extracted: 05/04/2020 18:20
Instrument ID: CBNAGC3 Date Analyzed: 05/05/2020 20:26
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-692128/2-A	3F026407.D	05/05/2020 20:39
	LCSD 460-692128/3-A	3F026408.D	05/05/2020 20:51
GT-1R	460-208037-1	3F026409.D	05/05/2020 21:03
GT-2R	460-208037-2	3F026410.D	05/05/2020 21:16
GT-3	460-208037-3	3F026411.D	05/05/2020 21:28
GT-4	460-208037-4	3F026412.D	05/05/2020 21:41
GT-5	460-208037-5	3F026413.D	05/05/2020 21:54
GW-DUP	460-208037-6	3F026414.D	05/05/2020 22:06

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-1R Lab Sample ID: 460-208037-1
 Matrix: Water Lab File ID: 3F026409.D
 Analysis Method: 8015D Date Collected: 04/29/2020 21:30
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 21:03
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	80		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026409.D
Lims ID: 460-208037-D-1-A
Client ID: GT-1R
Sample Type: Client
Inject. Date: 05-May-2020 21:03:51 ALS Bottle#: 59 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.968 3.967 0.001 221156 16.0

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026409.D

Injection Date: 05-May-2020 21:03:51

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-1-A

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID: 615

ALS Bottle#: 59

Worklist Smp#: 6

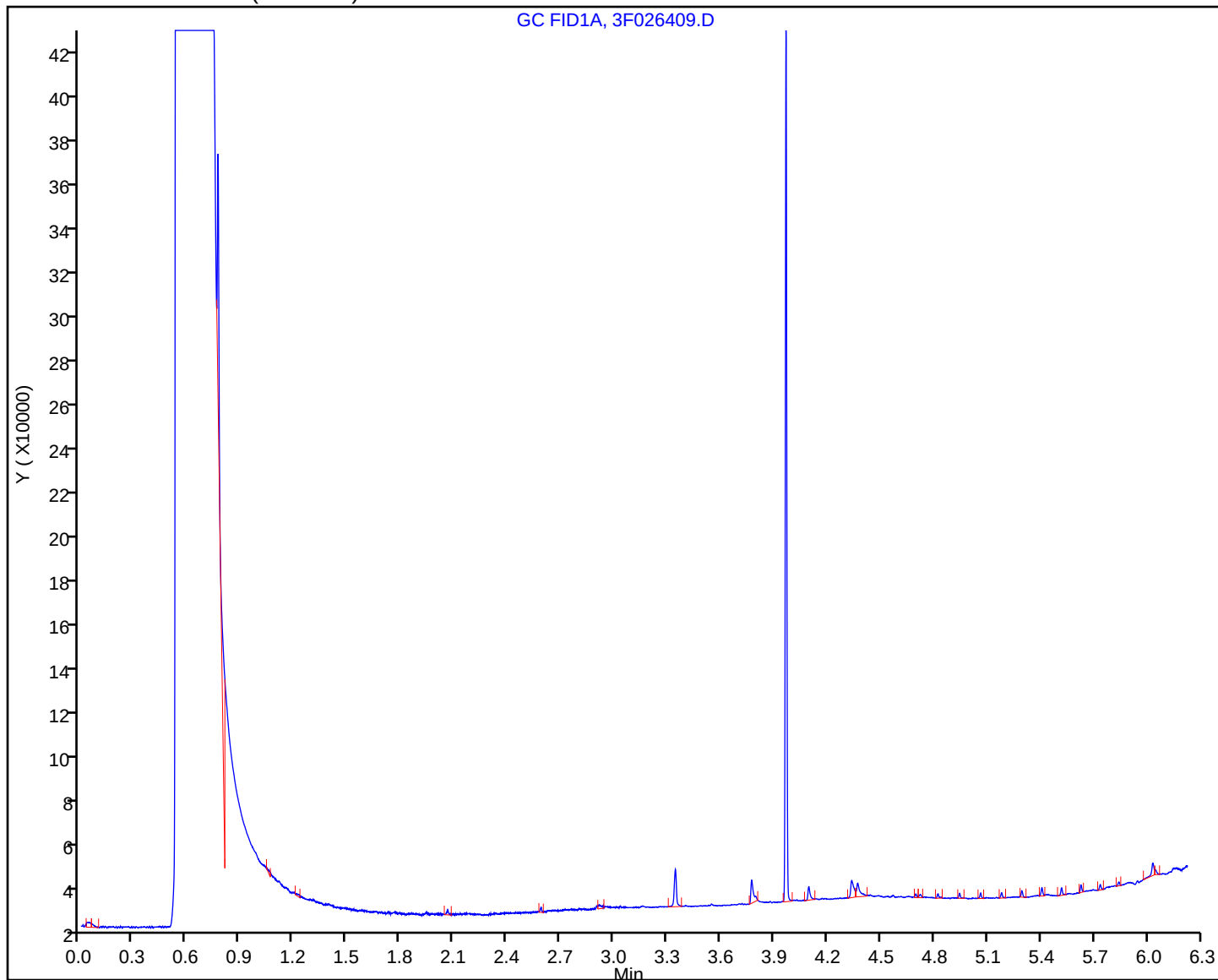
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026409.D

Injection Date: 05-May-2020 21:03:51

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-1-A

Lab Sample ID: 460-208037-1

Client ID: GT-1R

Operator ID: 615

ALS Bottle#: 59 Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

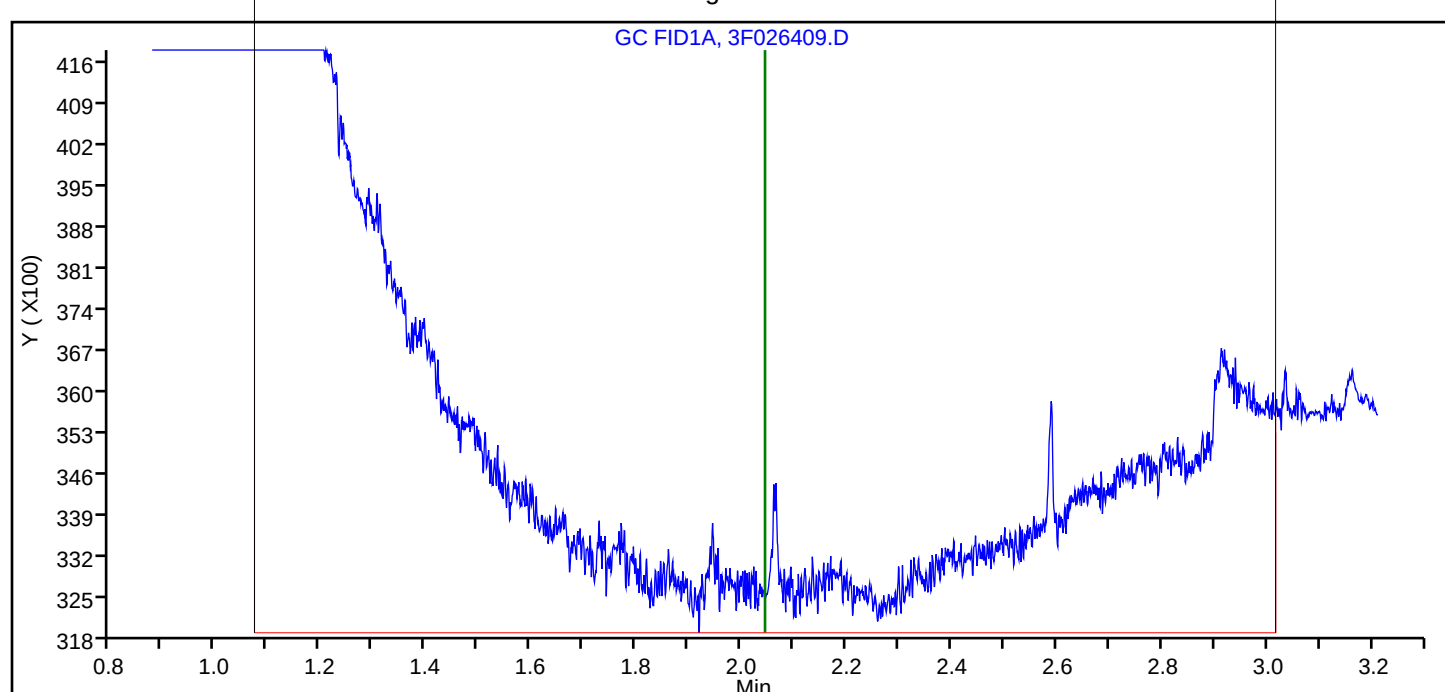
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	372345	31.903680

Reviewer: mendezb, 06-May-2020 09:39:40

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Client Sample ID: GT-2R Lab Sample ID: 460-208037-2
Matrix: Water Lab File ID: 3F026410.D
Analysis Method: 8015D Date Collected: 04/29/2020 19:00
Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 21:16
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	64		13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	94		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026410.D
Lims ID: 460-208037-D-2-A
Client ID: GT-2R
Sample Type: Client
Inject. Date: 05-May-2020 21:16:21 ALS Bottle#: 60 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-007
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.045	(1.072-3.017)		749129	64.2	

\$ 2 o-Terphenyl

3.967	3.967	0.000	258355	18.7	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026410.D

Injection Date: 05-May-2020 21:16:21

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-2-A

Lab Sample ID: 460-208037-2

Client ID: GT-2R

Operator ID: 615

ALS Bottle#: 60

Worklist Smp#: 7

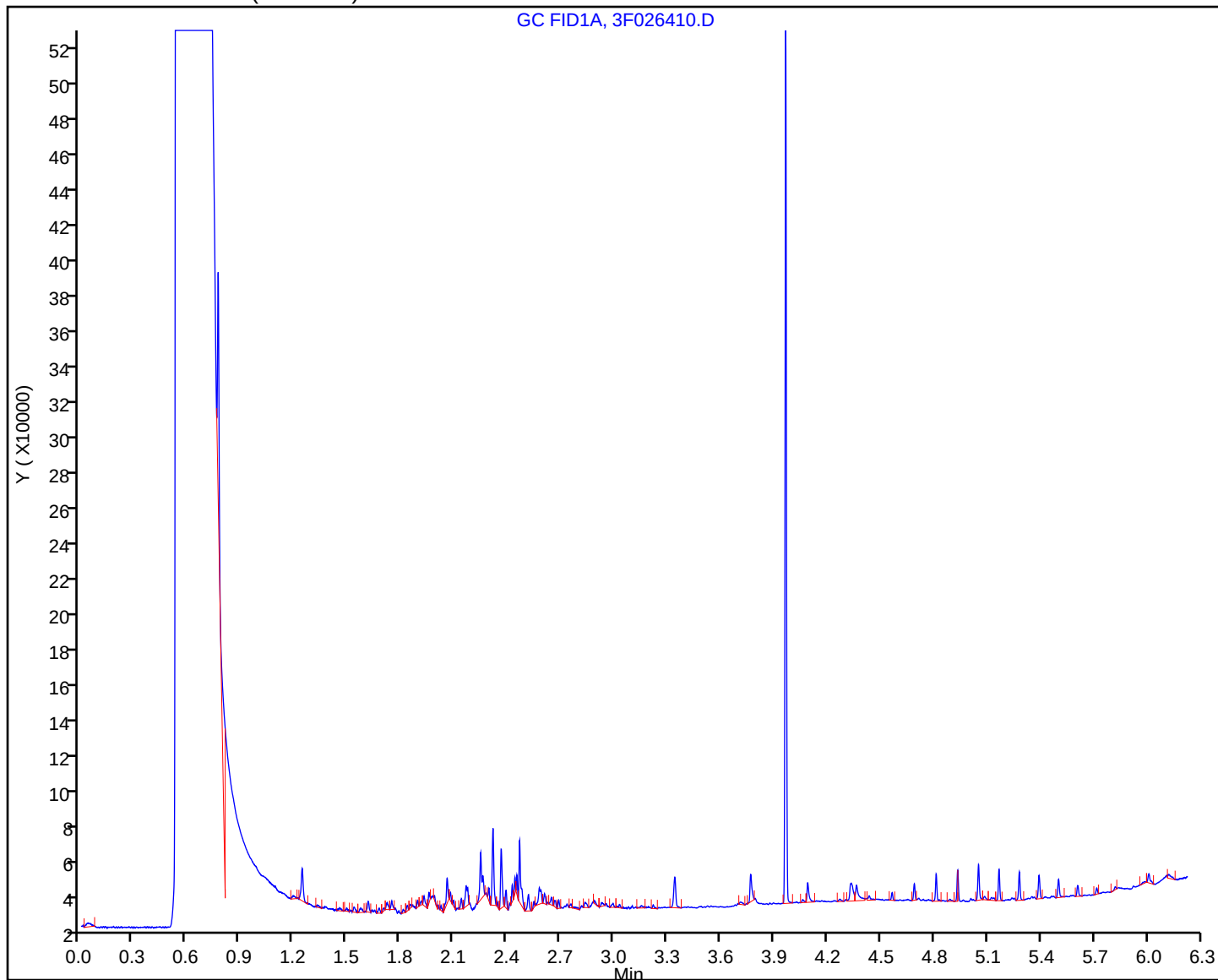
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-3 Lab Sample ID: 460-208037-3
 Matrix: Water Lab File ID: 3F026411.D
 Analysis Method: 8015D Date Collected: 04/29/2020 19:30
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 21:28
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026411.D
Lims ID: 460-208037-D-3-A
Client ID: GT-3
Sample Type: Client
Inject. Date: 05-May-2020 21:28:54 ALS Bottle#: 61 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-008
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:49

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.971 3.967 0.004 244508 17.7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026411.D

Injection Date: 05-May-2020 21:28:54

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-3-A

Lab Sample ID: 460-208037-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 61

Worklist Smp#: 8

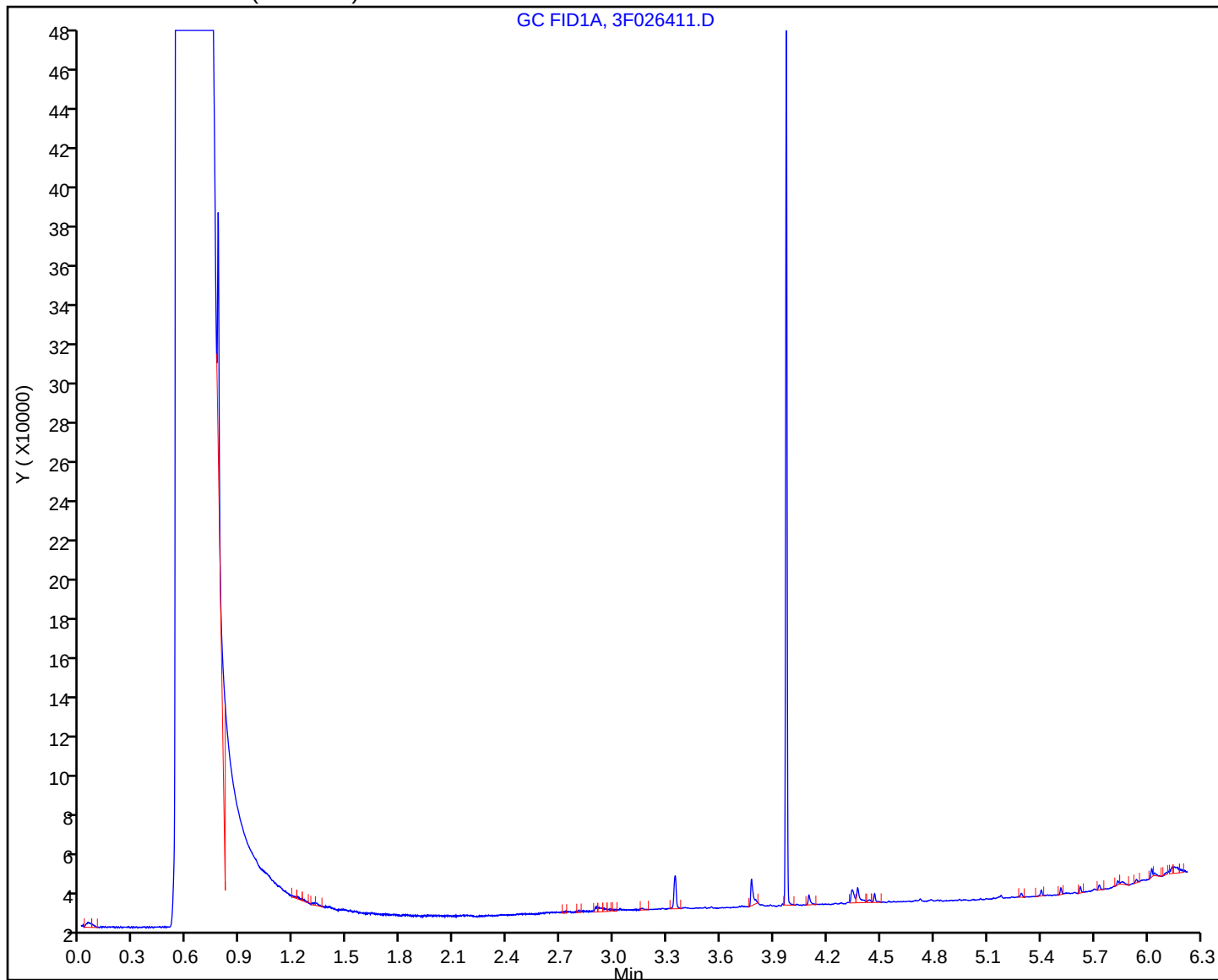
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026411.D

Injection Date: 05-May-2020 21:28:54

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-3-A

Lab Sample ID: 460-208037-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 61 Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

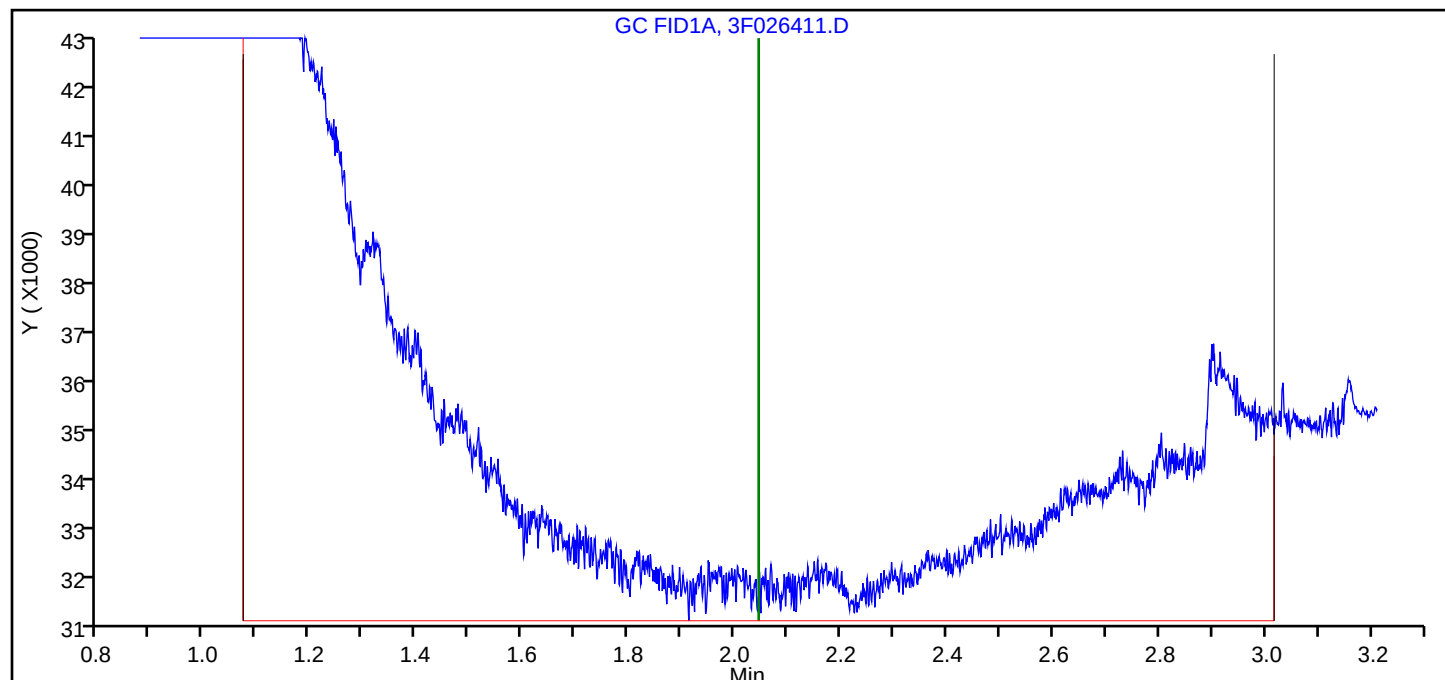
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	370665	31.759732

Reviewer: mendezb, 06-May-2020 09:39:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-4 Lab Sample ID: 460-208037-4
 Matrix: Water Lab File ID: 3F026412.D
 Analysis Method: 8015D Date Collected: 04/29/2020 20:00
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 21:41
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026412.D
Lims ID: 460-208037-D-4-A
Client ID: GT-4
Sample Type: Client
Inject. Date: 05-May-2020 21:41:30 ALS Bottle#: 62 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-009
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:51

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.970 3.967 0.003 229686 16.7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026412.D

Injection Date: 05-May-2020 21:41:30

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-4-A

Lab Sample ID: 460-208037-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 62

Worklist Smp#: 9

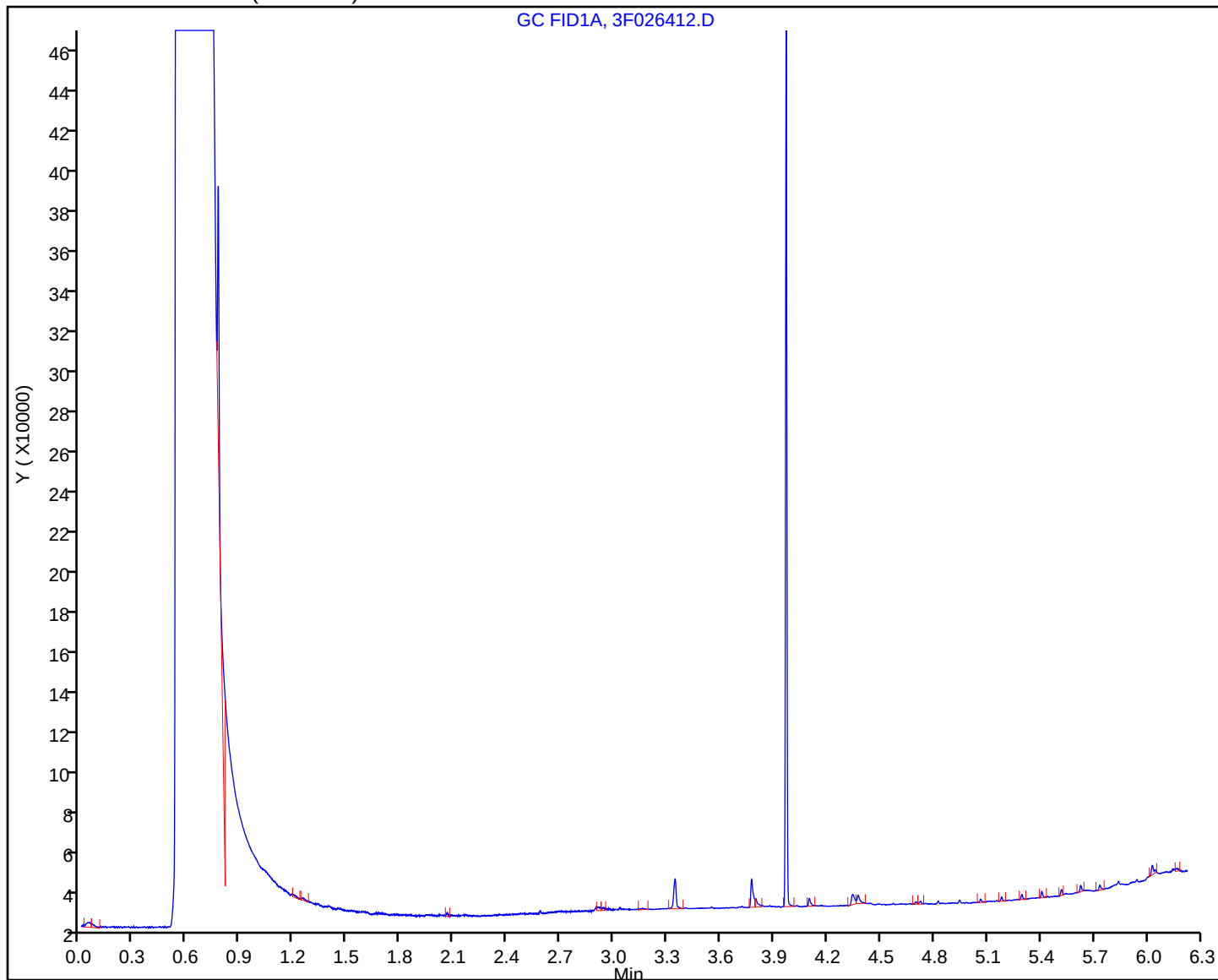
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026412.D

Injection Date: 05-May-2020 21:41:30

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-4-A

Lab Sample ID: 460-208037-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 62 Worklist Smp#: 9

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

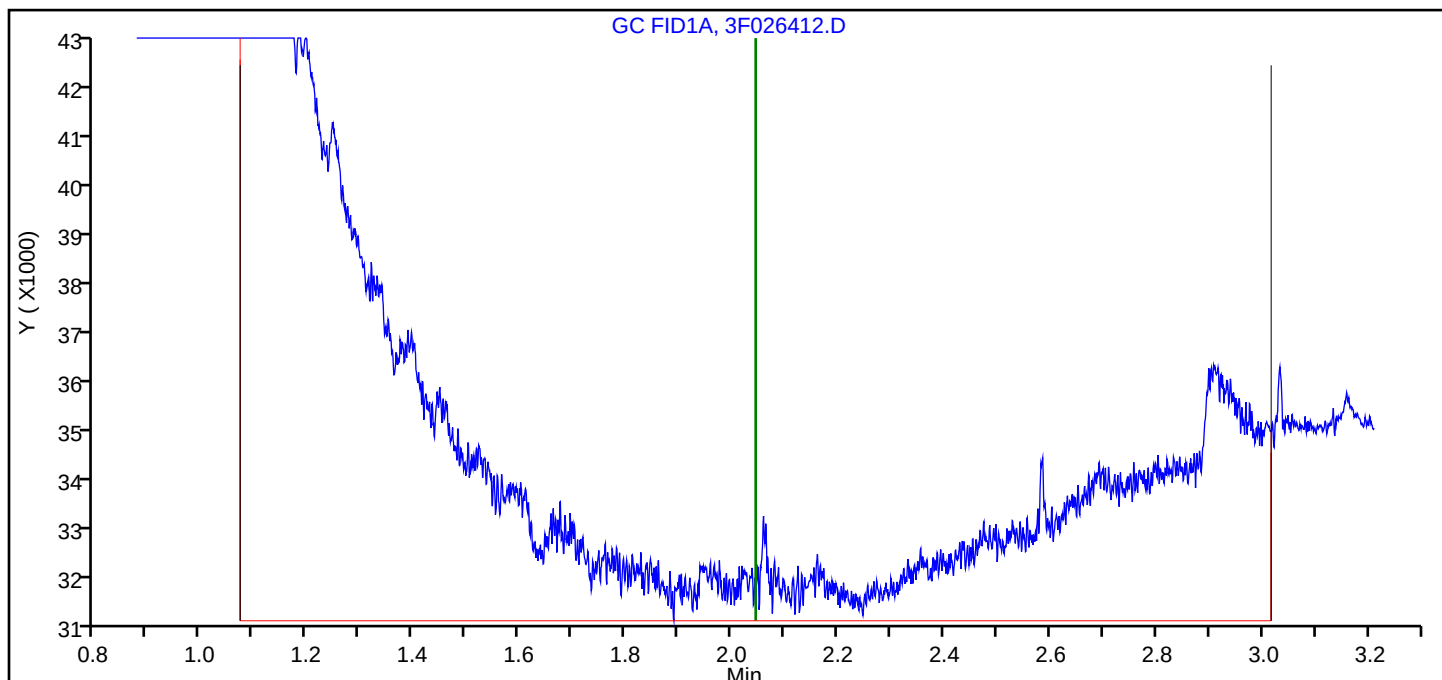
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	366771	31.426082

Reviewer: mendezb, 06-May-2020 09:39:50

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GT-5 Lab Sample ID: 460-208037-5
 Matrix: Water Lab File ID: 3F026413.D
 Analysis Method: 8015D Date Collected: 04/29/2020 20:30
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 21:54
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026413.D
Lims ID: 460-208037-D-5-A
Client ID: GT-5
Sample Type: Client
Inject. Date: 05-May-2020 21:54:02 ALS Bottle#: 63 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-010
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:53

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.969	3.967	0.002	229110	16.6	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026413.D

Injection Date: 05-May-2020 21:54:02

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-5-A

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 63

Worklist Smp#: 10

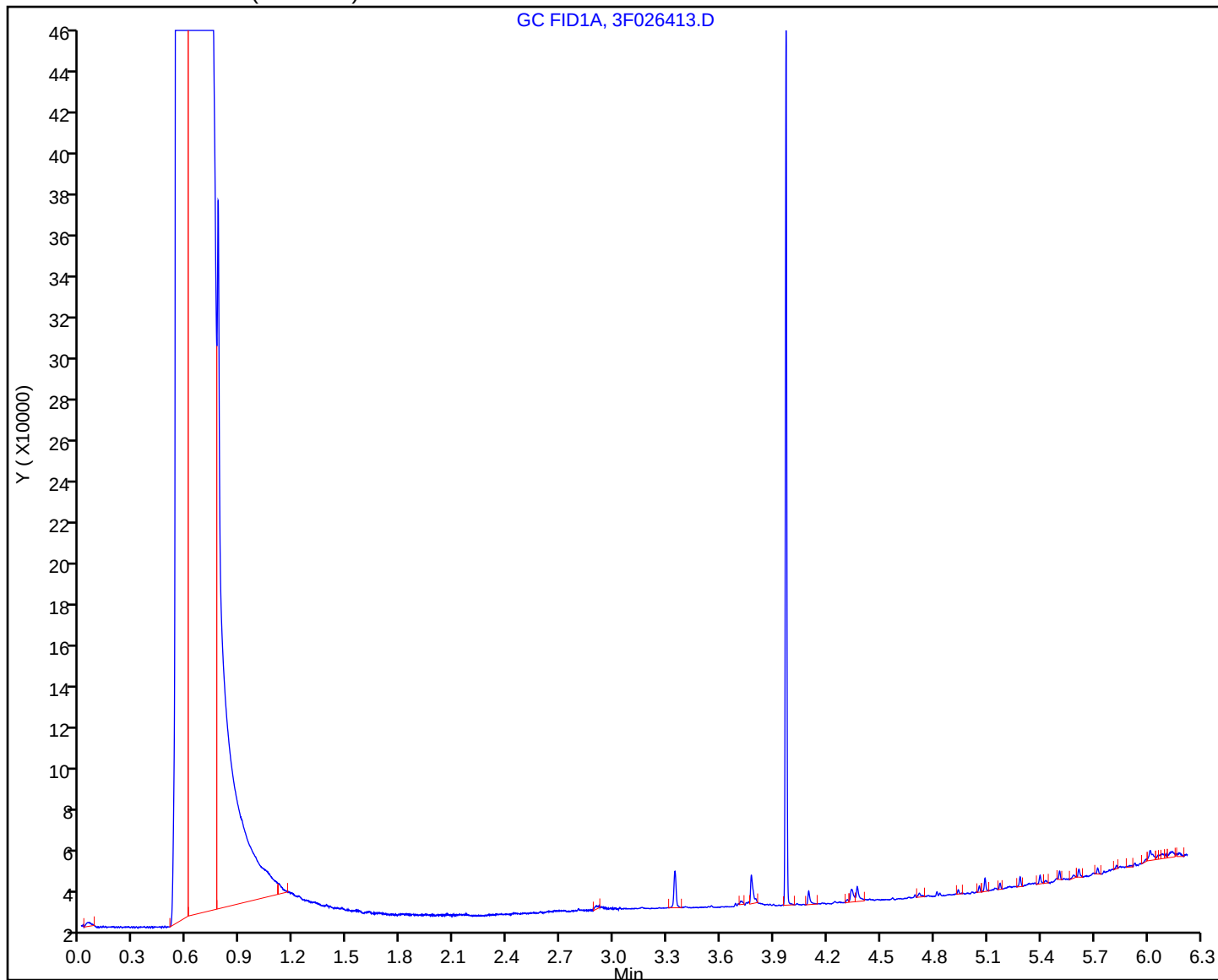
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026413.D

Injection Date: 05-May-2020 21:54:02

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-5-A

Lab Sample ID: 460-208037-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 63 Worklist Smp#: 10

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

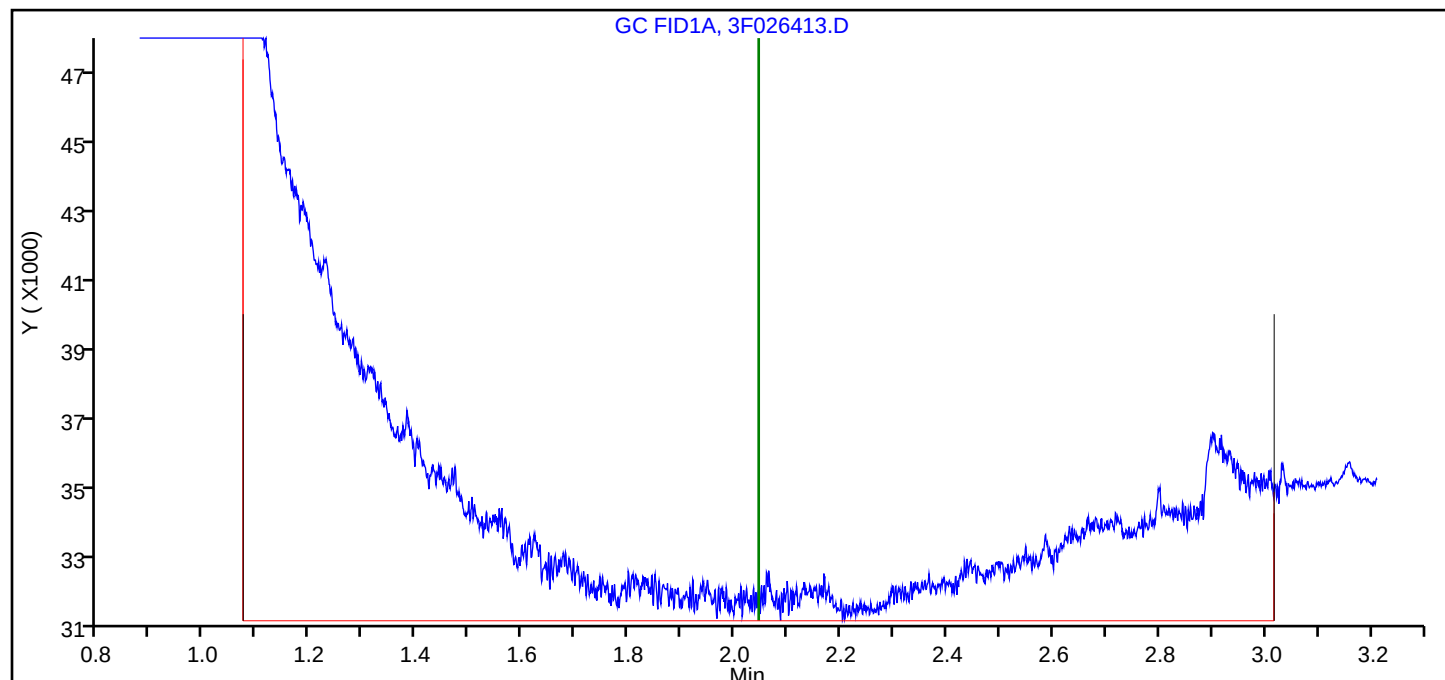
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	357485	30.630429

Reviewer: mendezb, 06-May-2020 09:39:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-208037-6
 Matrix: Water Lab File ID: 3F026414.D
 Analysis Method: 8015D Date Collected: 04/29/2020 18:00
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 22:06
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026414.D
Lims ID: 460-208037-D-6-A
Client ID: GW-DUP
Sample Type: Client
Inject. Date: 05-May-2020 22:06:36 ALS Bottle#: 64 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-011
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:40:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.969 3.967 0.002 243677 17.7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026414.D

Injection Date: 05-May-2020 22:06:36

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-6-A

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 64

Worklist Smp#: 11

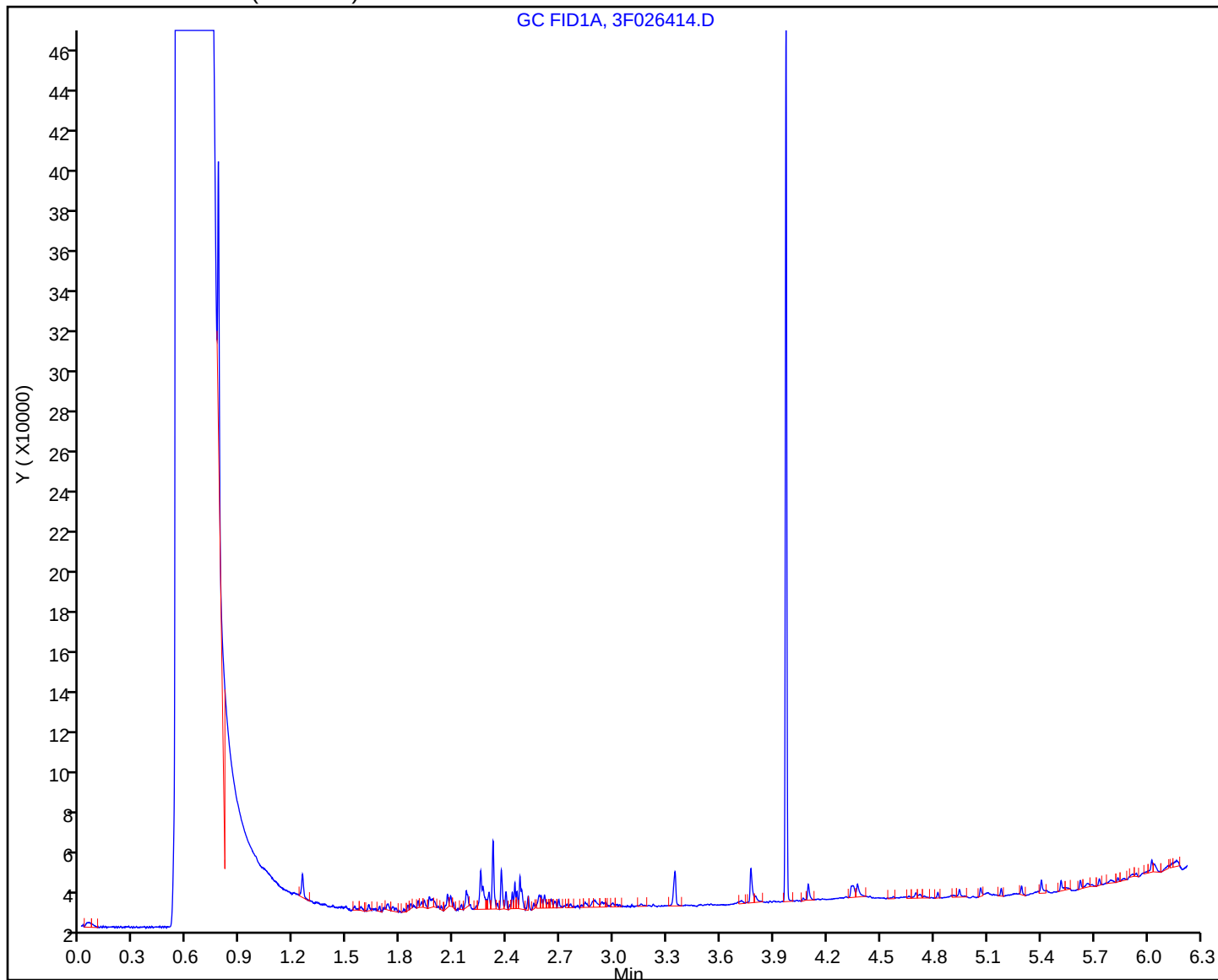
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026414.D

Injection Date: 05-May-2020 22:06:36

Instrument ID: CBNAGC3

Lims ID: 460-208037-D-6-A

Lab Sample ID: 460-208037-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 64 Worklist Smp#: 11

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

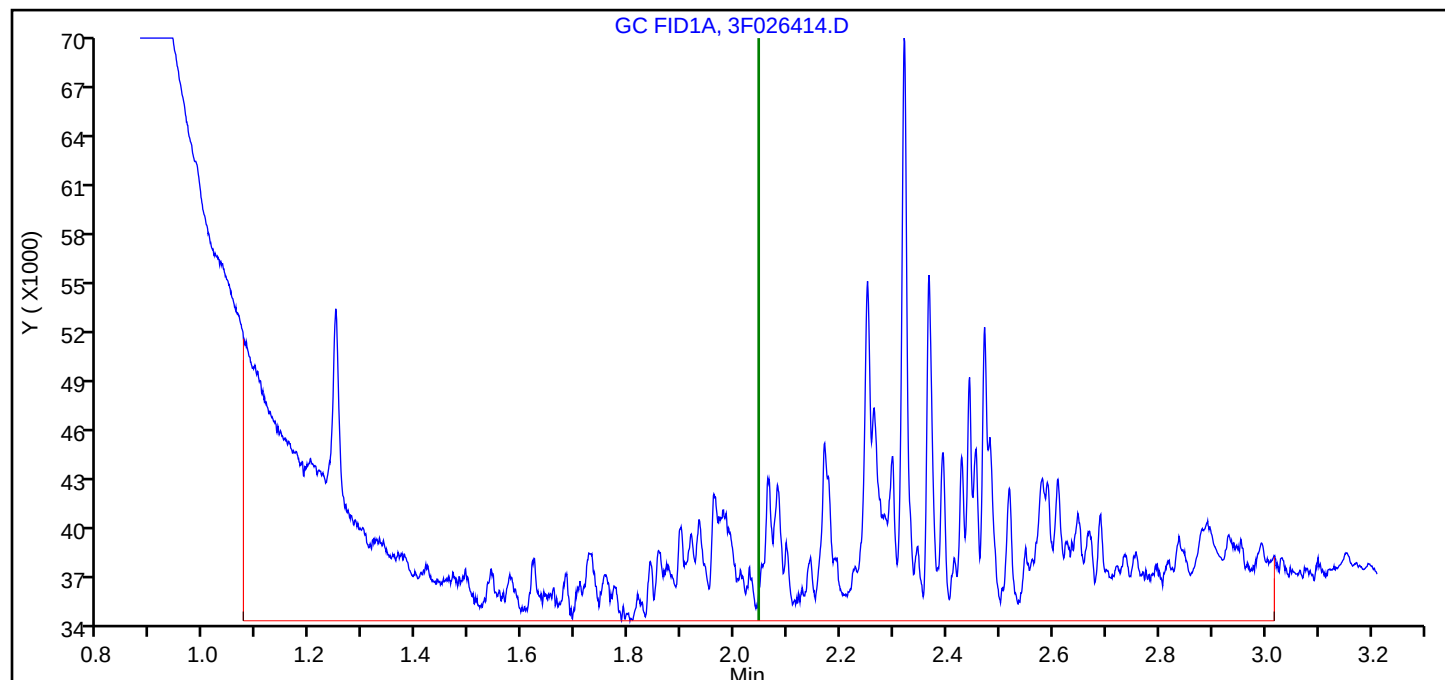
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	570914	48.917691

Reviewer: mendezb, 06-May-2020 09:40:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Mineral Spirits	2.152	2.152	2.152	2.152	2.152						1.180 - 3.125	2.152
o-Terphenyl	4.075	4.076	4.075	4.078	4.080						4.025 - 4.125	4.077

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Mineral Spirits	12907 10202	11808	12086	11352	Ave		11670.9107				8.5		20.0			
o-Terphenyl	14552 13614	13626	13749	13363	Ave		13780.7410				3.3		20.0			

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

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1 Analy Batch No.: 521807

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/23/2018 12:02 Calibration End Date: 05/23/2018 14:15 Calibration ID: 68773

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-521807/2	3F171201.D
Level 2	STD2 460-521807/8	3F171206.D
Level 3	STD3 460-521807/4	3F171203.D
Level 4	STD4 460-521807/5	3F171204.D
Level 5	STD5 460-521807/6	3F171205.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Mineral Spirits	Ave	645350	5904194	12085916	28379313	51007621	50.0	500	1000	2500	5000
o-Terphenyl	Ave	29104	272522	549950	1336312	2722747	2.00	20.0	40.0	100	200

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171201.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 23-May-2018 12:02:43 ALS Bottle#: 7 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:20 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

First Level Reviewer: mendezb

Date: 23-May-2018 13:51:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 2.152 (1.180-3.125) 645350 50.0 55.3 M
 \$ 2 o-Terphenyl
 4.075 4.075 0.000 29104 2.00 2.11

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL1_00014

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171201.D

Injection Date: 23-May-2018 12:02:43

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 7

Worklist Smp#: 2

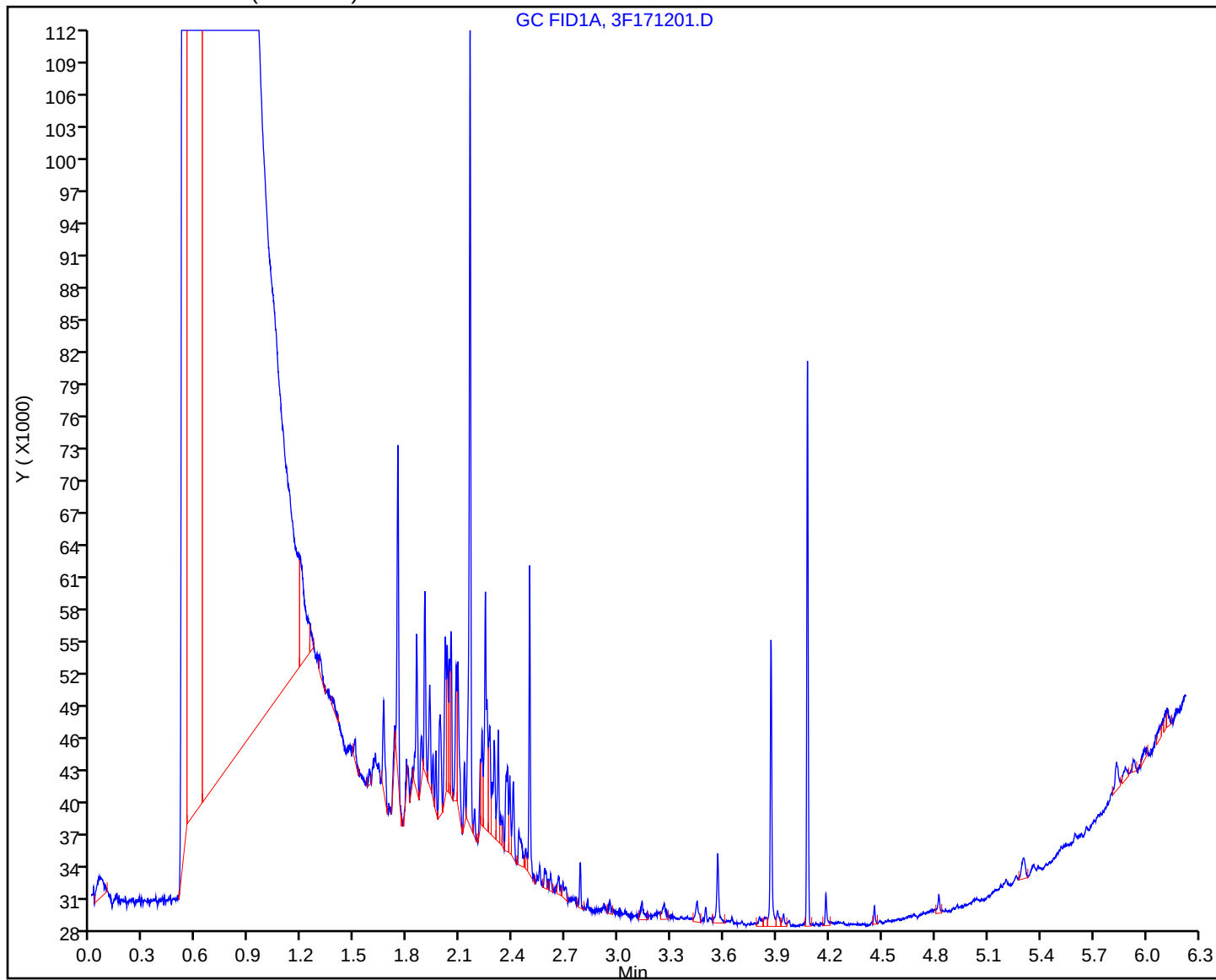
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison

Data File: \\ChromNA\\Edison\\ChromData\\CBNAGC3\\20180523-72539.b\\3F171201.D

Injection Date: 23-May-2018 12:02:43

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#:

7

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector

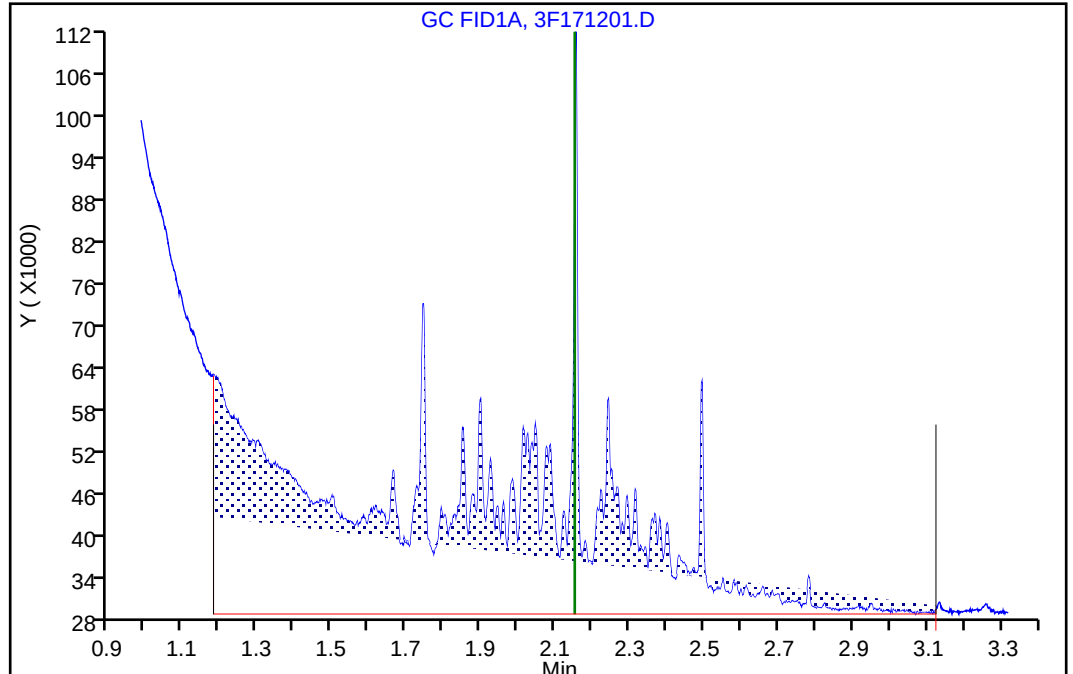
GC FID1A

A 1 Mineral Spirits, RT: 2.152, CAS: 64475-85-0

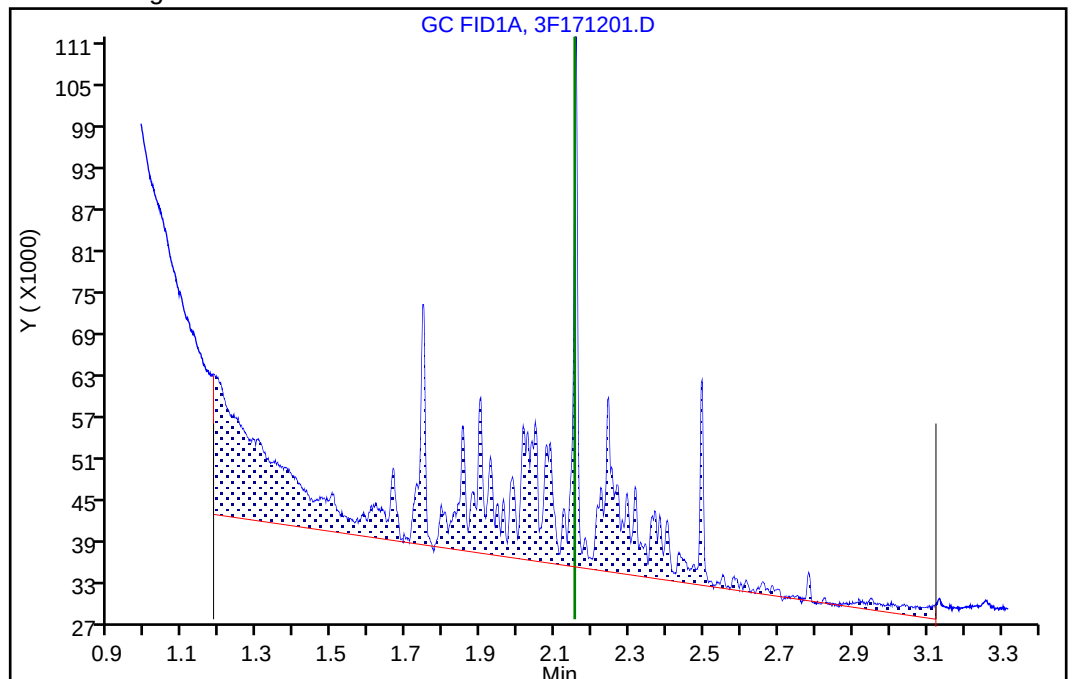
Signal: 1

RT: 2.15
Response: 1376009
Amount: 94.288868

Processing Integration Results

RT: 2.15
Response: 645350
Amount: 55.295599

Manual Integration Results



Reviewer: mendezb, 23-May-2018 14:52:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171203.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 23-May-2018 12:25:40 ALS Bottle#: 9 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0072539-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 23-May-2018 15:17:21 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: XAWRK010

First Level Reviewer: mendezb

Date: 23-May-2018 13:50:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.152	(1.180-3.125)	12085916	1000.0	1035.6

\$ 2 o-Terphenyl

4.075	4.075	0.000	549950	40.0	39.9

Reagents:

SG105MinL3_00012

Amount Added: 1.00

Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171203.D

Injection Date: 23-May-2018 12:25:40

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#:

9

Worklist Smp#:

4

Injection Vol: 1.0 ul

Dil. Factor:

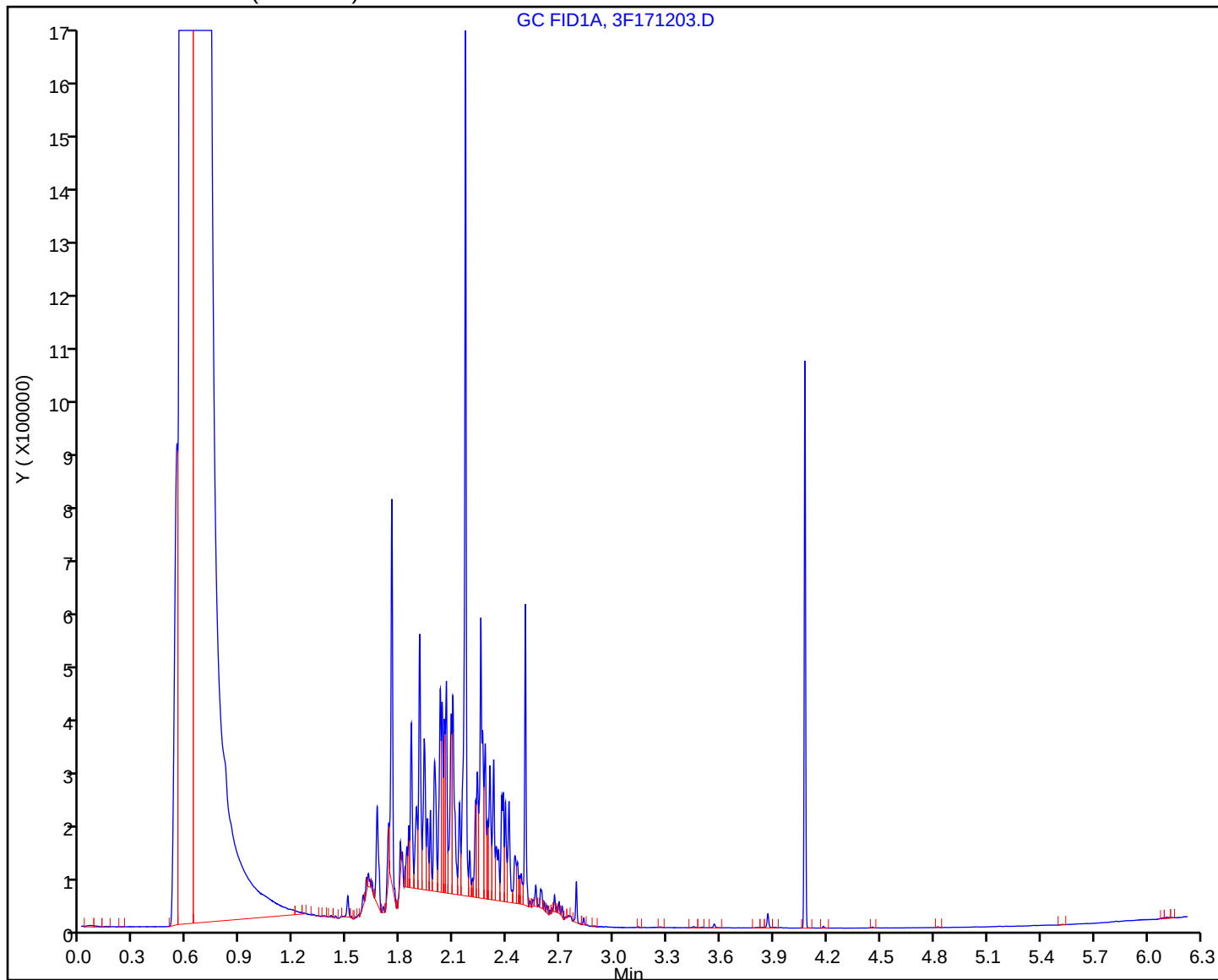
1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171204.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-May-2018 12:37:09 ALS Bottle#: 10 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0072539-005
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-May-2018 15:17:24 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK010

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
2.152 (1.180-3.125) 28379313 2500.0 2431.6

\$ 2 o-Terphenyl
4.078 4.075 0.003 1336312 100.0 97.0

Reagents:

SG105MinL4_00011 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171204.D

Injection Date: 23-May-2018 12:37:09

Instrument ID: CBNAGC3

Lims ID: STD4

Client ID:

Operator ID: 615

ALS Bottle#: 10

Worklist Smp#: 5

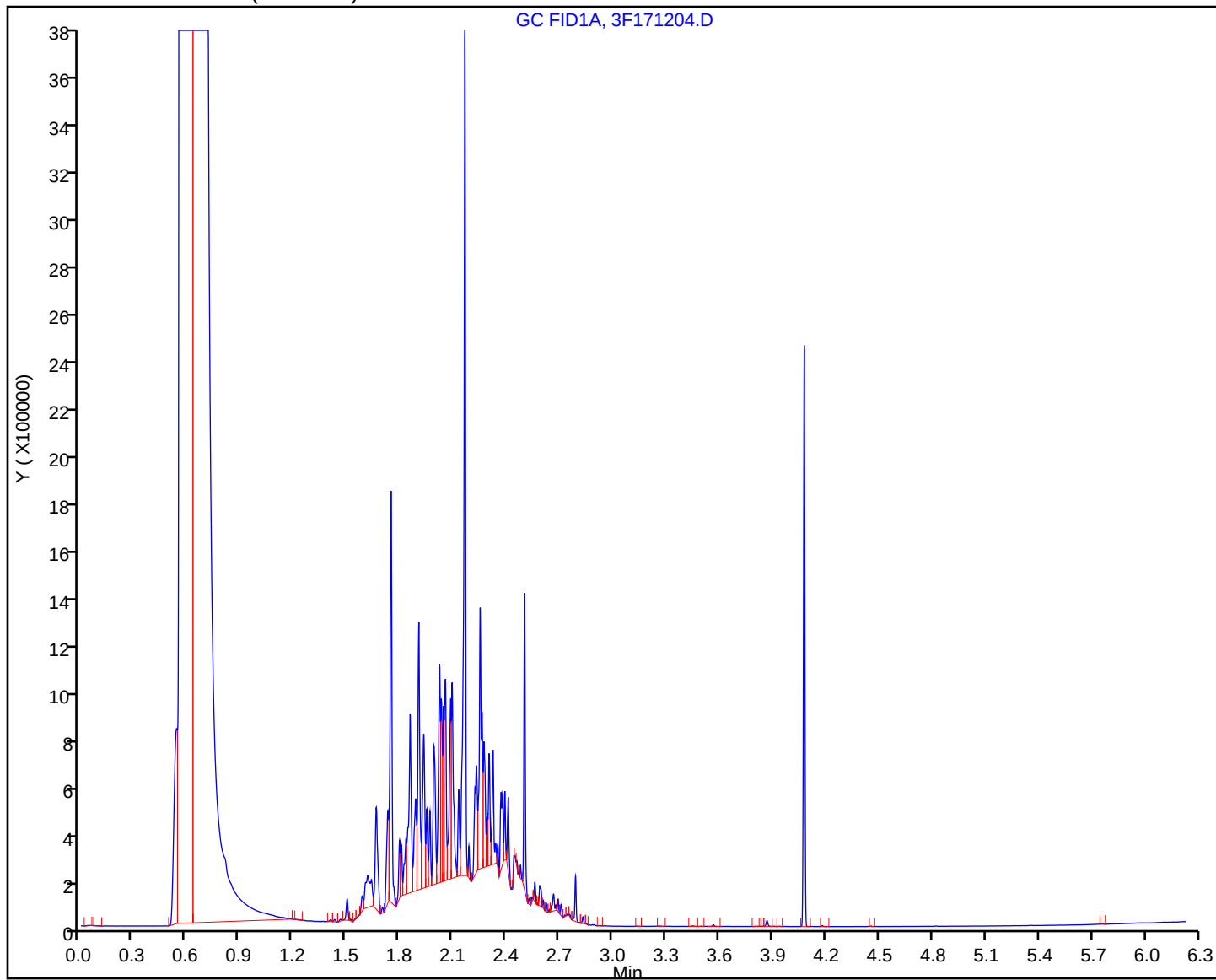
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171205.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-May-2018 13:31:48 ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0072539-006
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-May-2018 15:17:25 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK010

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
2.152 (1.180-3.125) 51007621 5000.0 4370.5

\$ 2 o-Terphenyl
4.080 4.075 0.005 2722747 200.0 197.6

Reagents:

SG105MinL5_00013 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171205.D

Injection Date: 23-May-2018 13:31:48

Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

Operator ID: 615

ALS Bottle#: 11

Worklist Smp#: 6

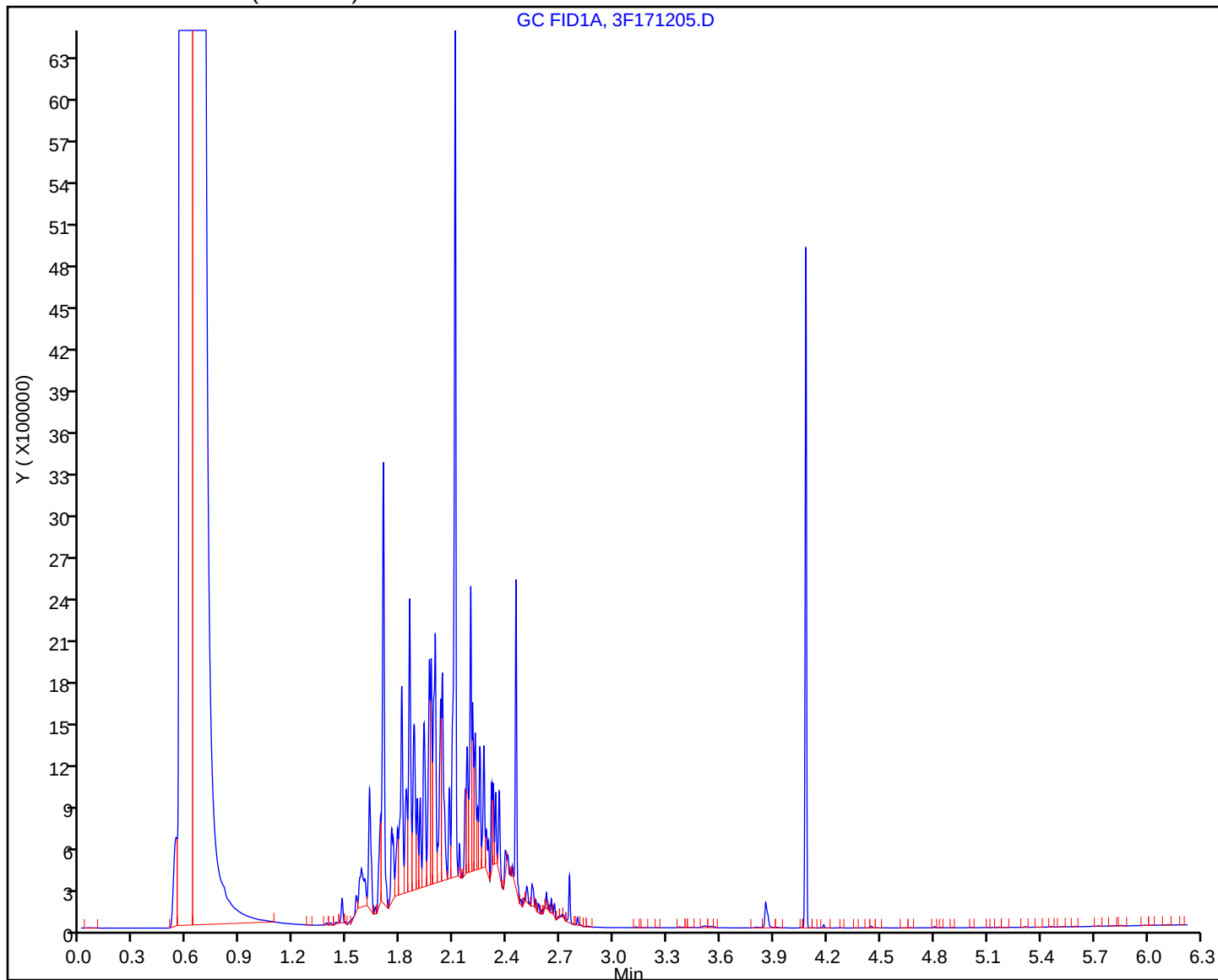
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-May-2018 14:15:29 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0072539-003
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-May-2018 09:30:17 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: XAWRK017

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
2.152 (1.189-3.134) 5904194 500.0 505.9

\$ 2 o-Terphenyl
4.076 4.084 -0.008 272522 20.0 19.8

Reagents:

SG105MinL2_00012 Amount Added: 1.00 Units: mL

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D

Injection Date: 23-May-2018 14:15:29

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 8

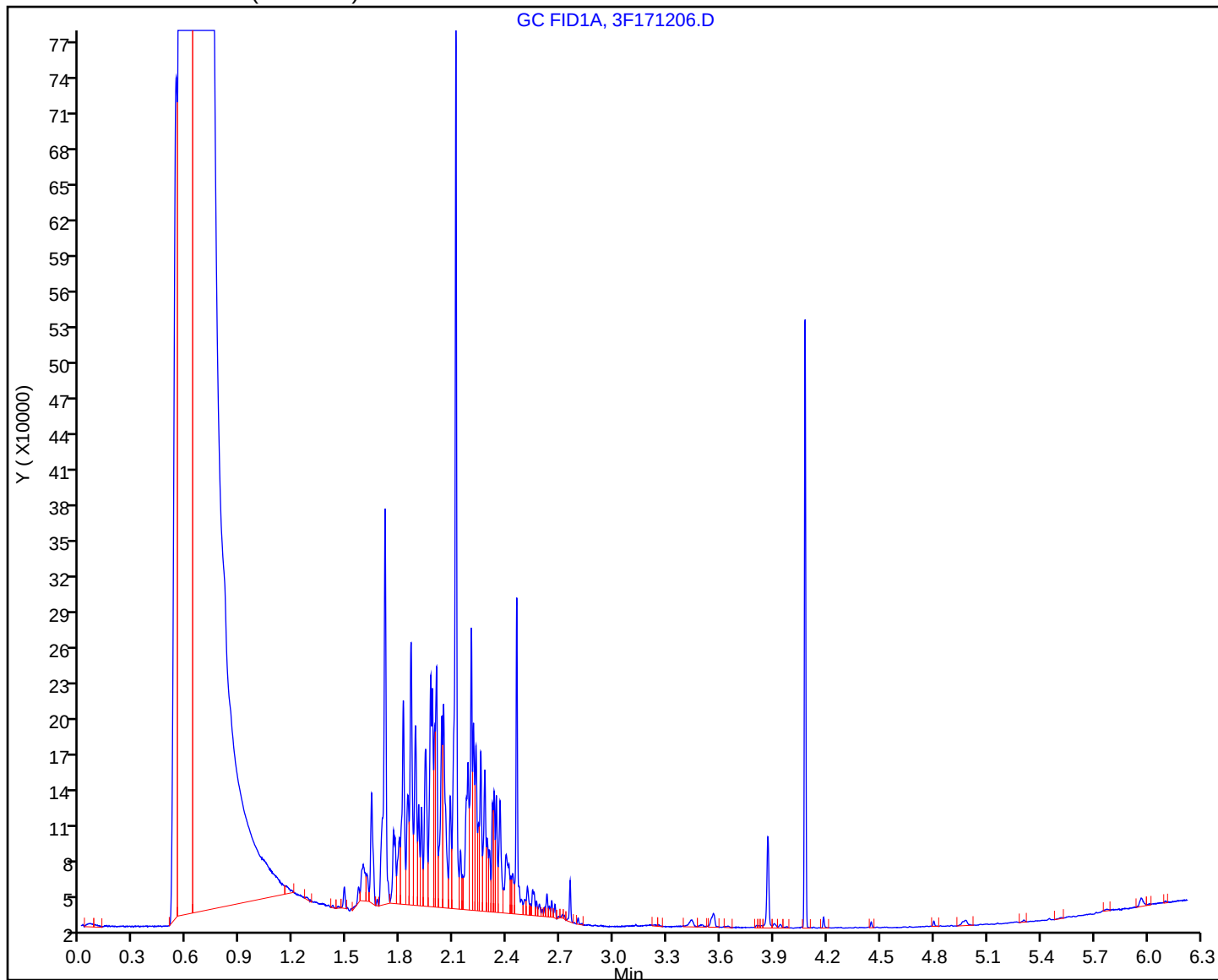
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab Sample ID: CCV 460-692274/2 Calibration Date: 05/05/2020 20:14
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F026405.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	11258		965	1000	-3.5	20.0
o-Terphenyl	Ave	13781	14754		42.8	40.0	7.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab Sample ID: CCV 460-692274/2 Calibration Date: 05/05/2020 20:14
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F026405.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.05	1.07	3.02
o-Terphenyl	3.97	3.92	4.02

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026405.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 05-May-2020 20:14:19 ALS Bottle#: 100 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109633-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX0318

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.045 (1.072-3.017) 11258265 1000.0 964.6

\$ 2 o-Terphenyl
 3.967 3.967 0.000 590147 40.0 42.8

Reagents:

SG105MinL3_00015 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026405.D

Injection Date: 05-May-2020 20:14:19

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 100

Worklist Smp#: 2

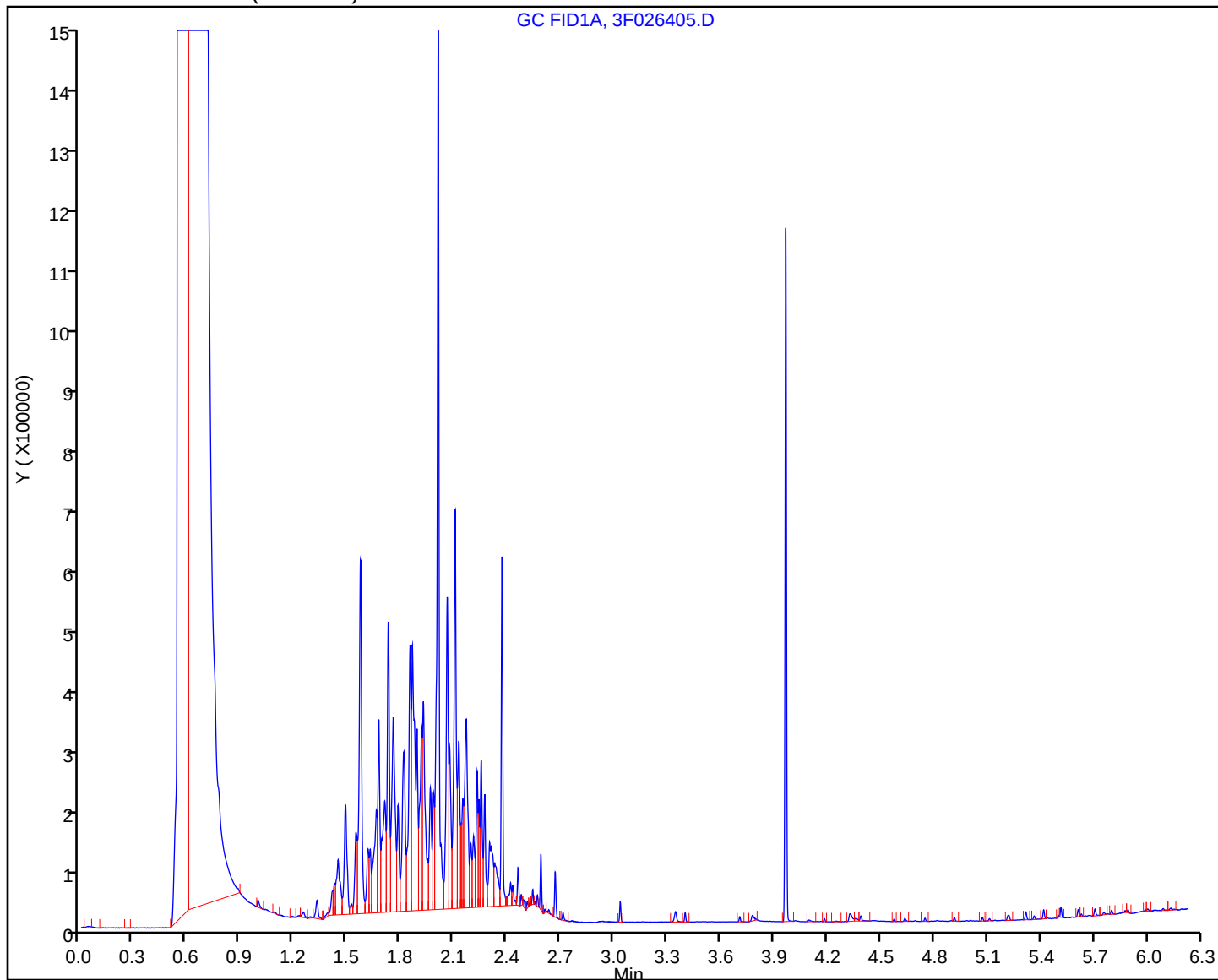
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab Sample ID: CCV 460-692274/14 Calibration Date: 05/05/2020 22:44
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F026417.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	11671	10876		932	1000	-6.8	20.0
o-Terphenyl	Ave	13781	14536		42.2	40.0	5.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Lab Sample ID: CCV 460-692274/14 Calibration Date: 05/05/2020 22:44
Instrument ID: CBNAGC3 Calib Start Date: 05/23/2018 12:02
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 05/23/2018 14:15
Lab File ID: 3F026417.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.05	1.07	3.02
o-Terphenyl	3.97	3.92	4.02

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026417.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 05-May-2020 22:44:02 ALS Bottle#: 100 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109633-014
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 06-May-2020 09:41:29 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX0318

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.045 (1.072-3.017) 10875982 1000.0 931.9

\$ 2 o-Terphenyl
 3.969 3.967 0.002 581421 40.0 42.2

Reagents:

SG105MinL3_00015 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026417.D

Injection Date: 05-May-2020 22:44:02

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 100

Worklist Smp#: 14

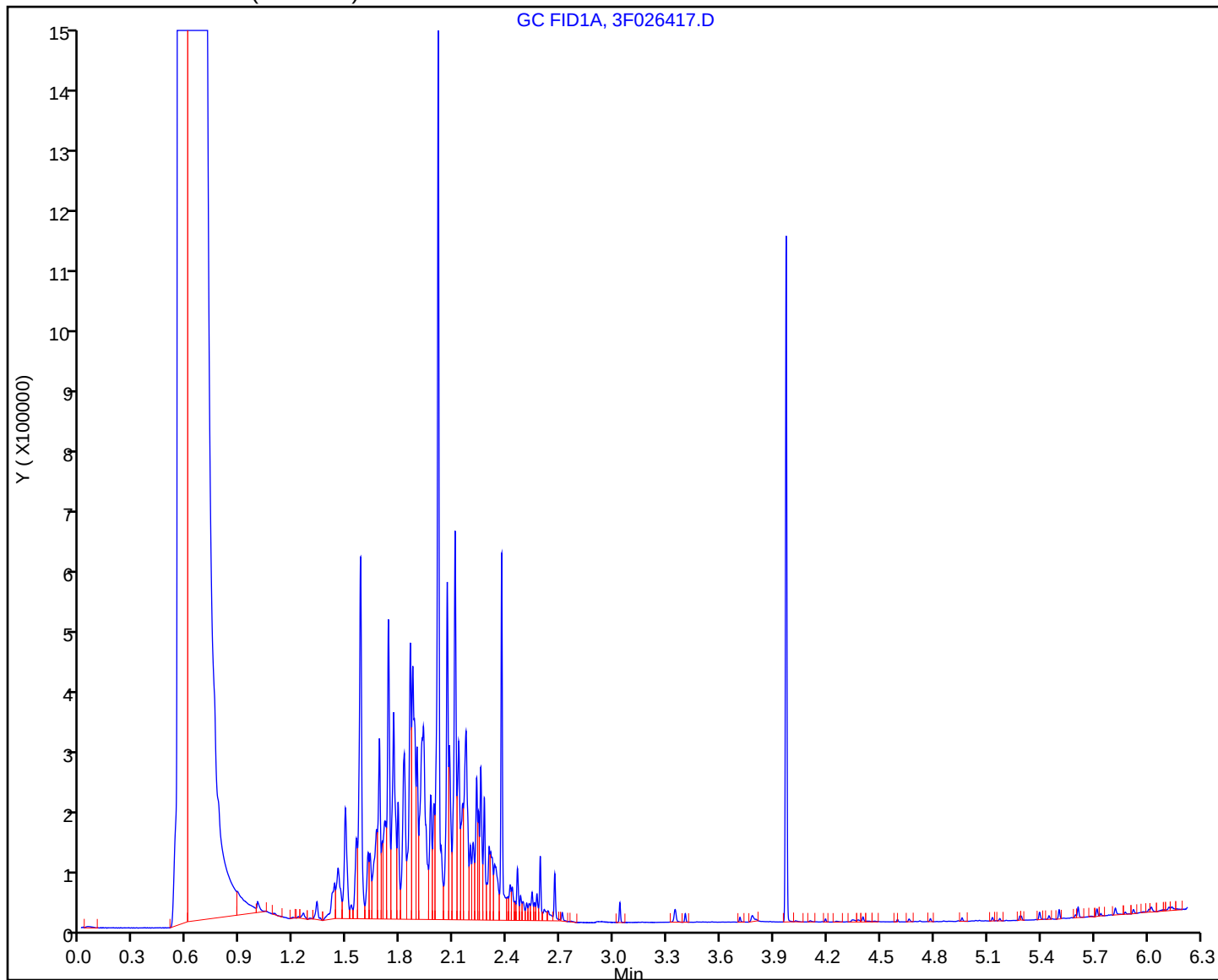
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-692128/1-A
 Matrix: Water Lab File ID: 3F026406.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 20:26
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026406.D
Lims ID: MB 460-692128/1-A
Client ID:
Sample Type: MB
Inject. Date: 05-May-2020 20:26:38 ALS Bottle#: 56 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.967	3.967	0.000	264843	20.0	19.2	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026406.D

Injection Date: 05-May-2020 20:26:38

Instrument ID: CBNAGC3

Lims ID: MB 460-692128/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 56

Worklist Smp#: 3

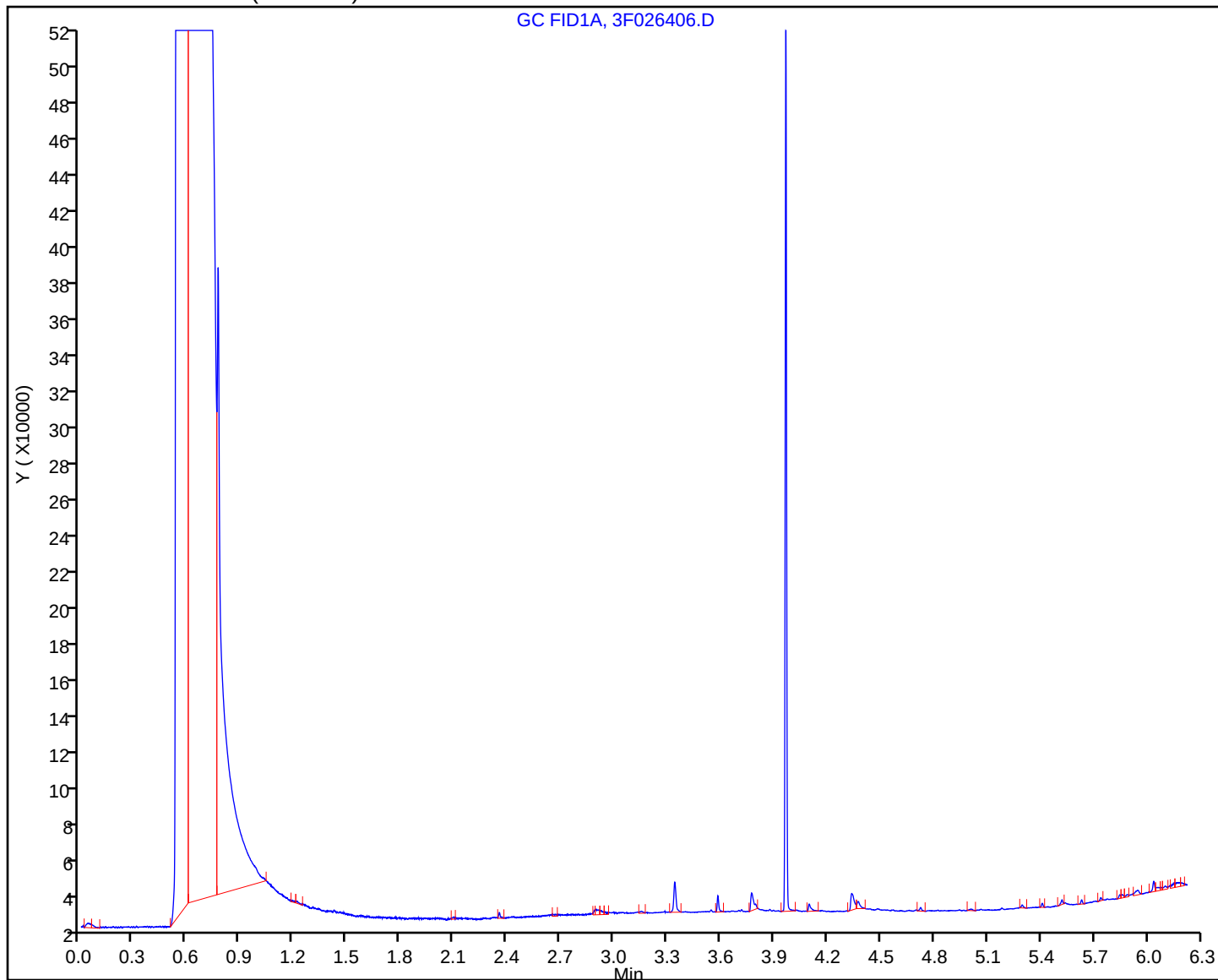
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026406.D

Injection Date: 05-May-2020 20:26:38

Instrument ID: CBNAGC3

Lims ID: MB 460-692128/1-A

Client ID:

Operator ID: 615

ALS Bottle#:

56

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

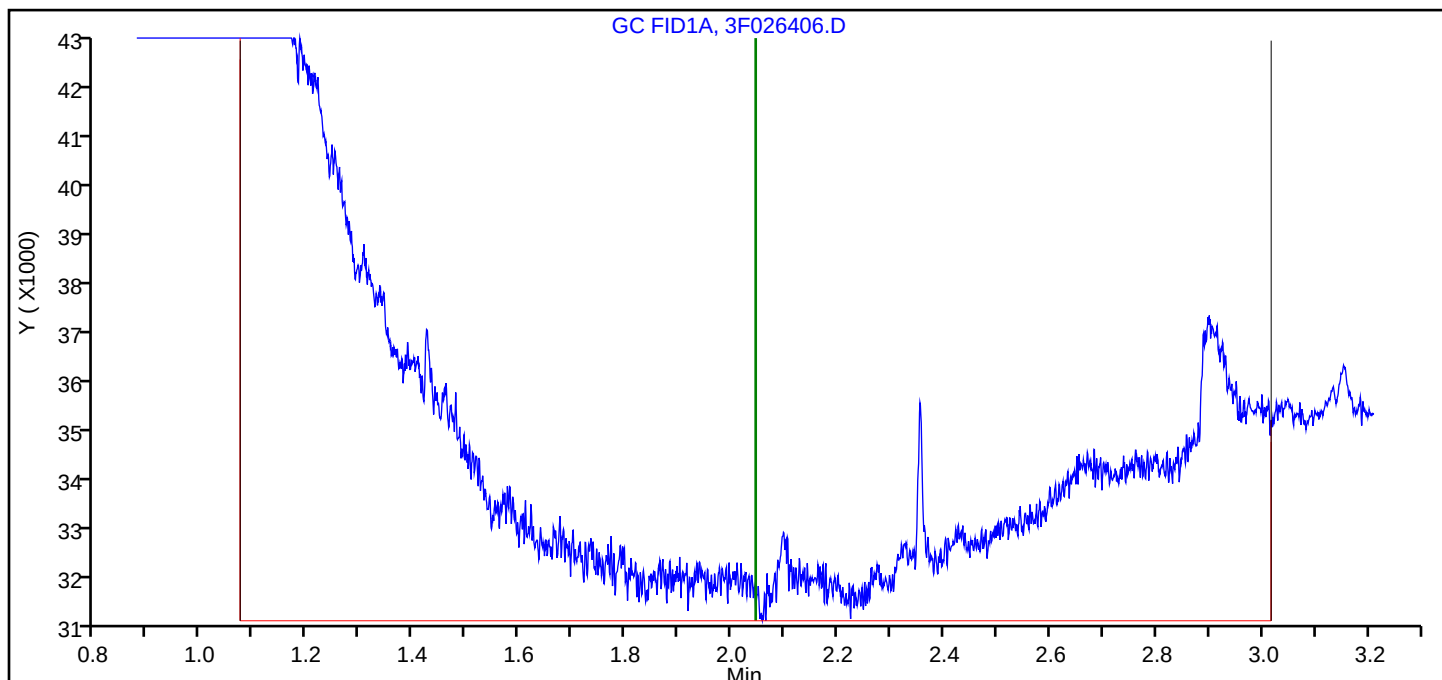
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	370066	31.708408

Reviewer: mendezb, 06-May-2020 09:39:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-692274/1
 Matrix: Water Lab File ID: 3F026404.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 05/05/2020 20:02
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	106		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026404.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 05-May-2020 20:02:42 ALS Bottle#: 4 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:40:54 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:00

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.957 3.967 -0.010 586270 40.0 42.5

Reagents:

SGPIBLKDRO_00018

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026404.D

Injection Date: 05-May-2020 20:02:42

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 1

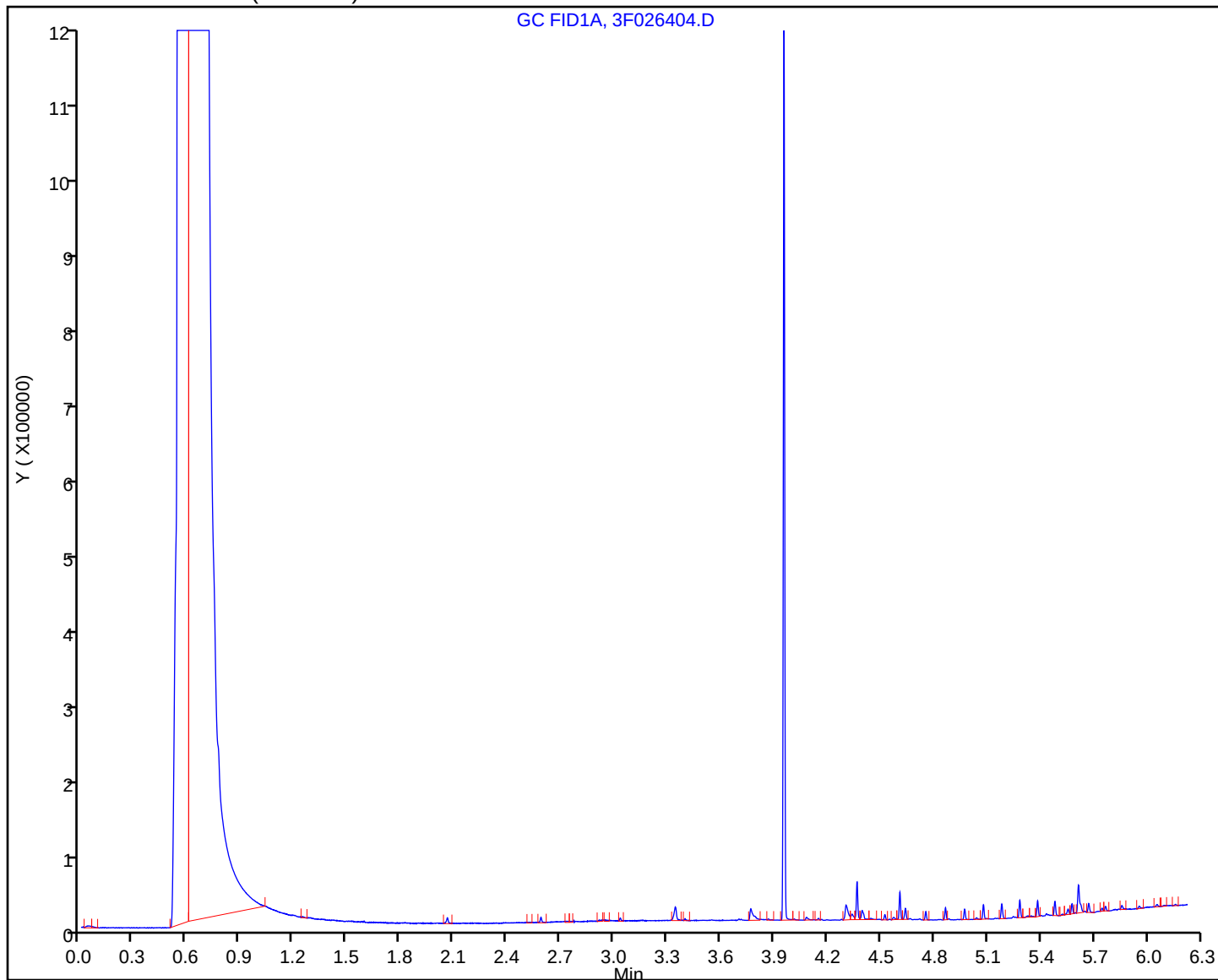
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026404.D

Injection Date: 05-May-2020 20:02:42

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#:

1

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

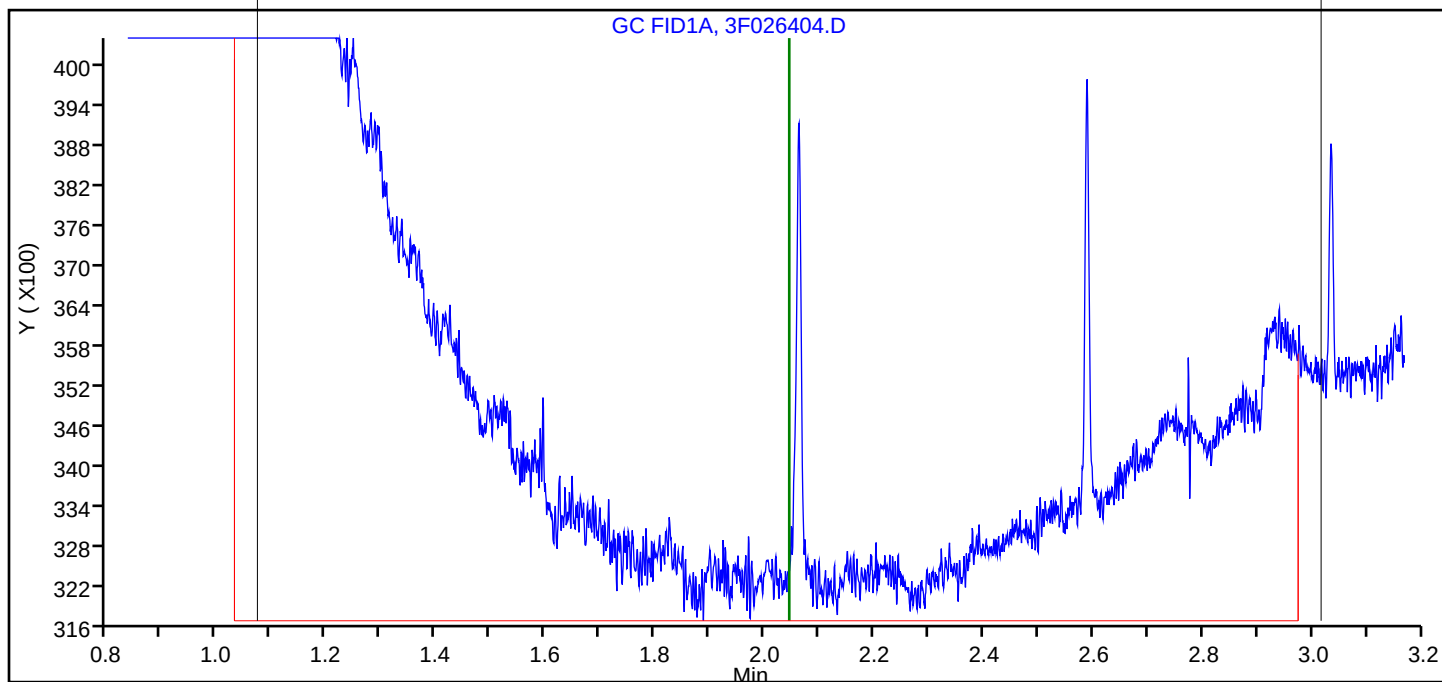
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.00	401191	34.375295

Reviewer: mendezb, 06-May-2020 09:38:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-692274/13
Matrix: Water Lab File ID: 3F026416.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 05/05/2020 22:31
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 692274 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	107		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026416.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 05-May-2020 22:31:37 ALS Bottle#: 4 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0109633-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 06-May-2020 09:41:26 Calib Date: 23-May-2018 14:15:29
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX0318

First Level Reviewer: mendezb

Date: 06-May-2020 09:39:58

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.967 3.967 0.000 591382 40.0 42.9

Reagents:

SGPIBLKDRO_00018

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026416.D

Injection Date: 05-May-2020 22:31:37

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 13

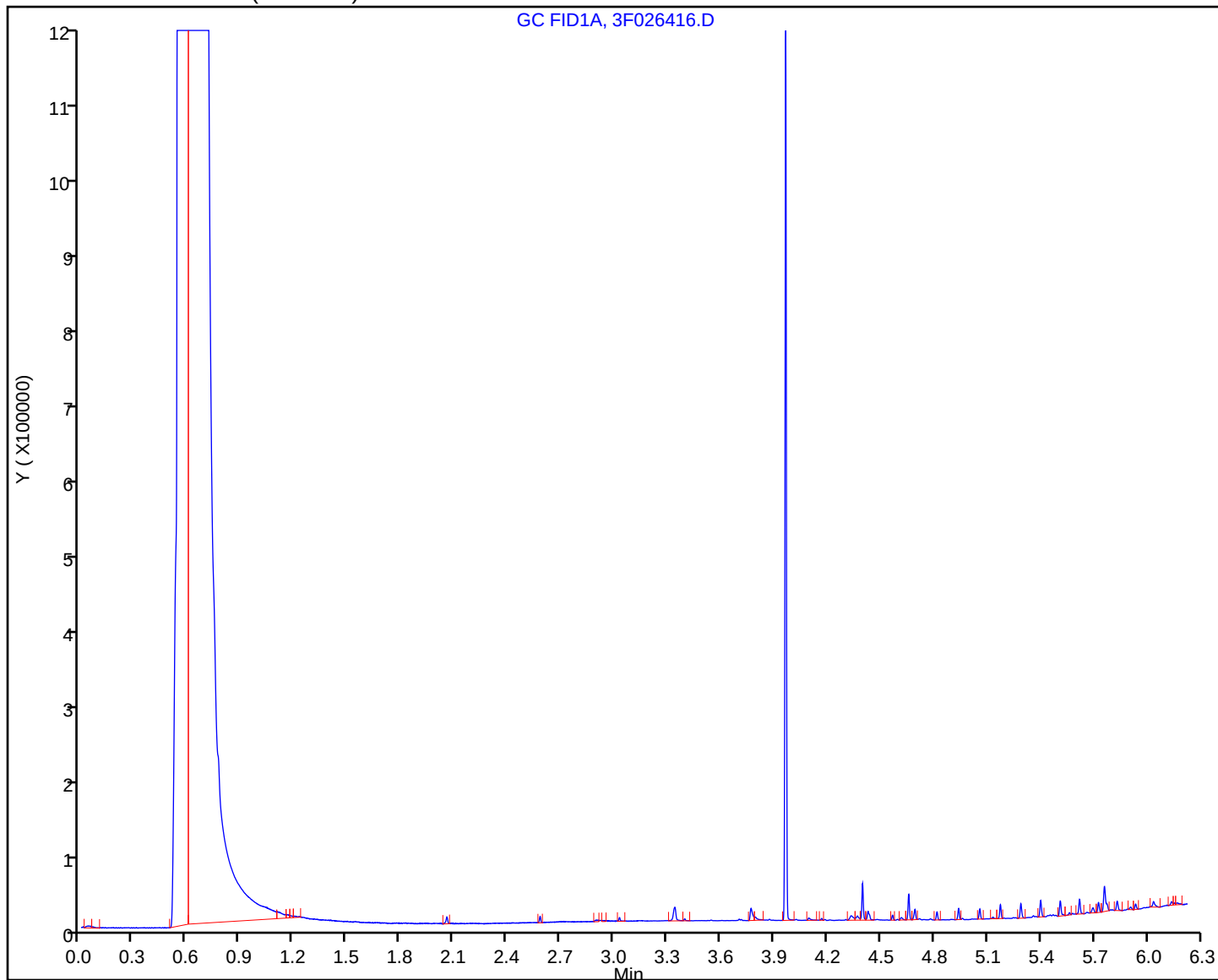
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026416.D

Injection Date: 05-May-2020 22:31:37

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 13

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

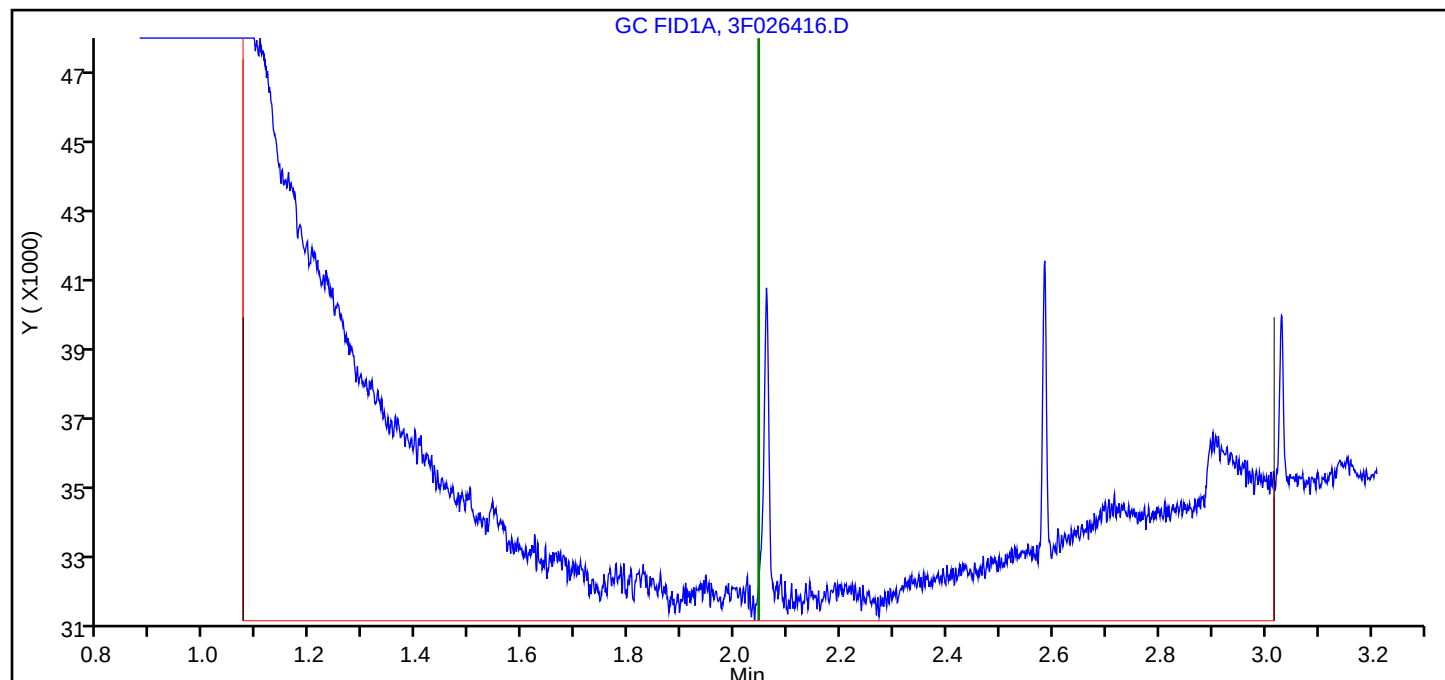
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.04	2.04	368305	31.557520

Reviewer: mendezb, 06-May-2020 09:39:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-692128/2-A
Matrix: Water Lab File ID: 3F026407.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 20:39
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	7930		13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	86		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026407.D
 Lims ID: LCS 460-692128/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 05-May-2020 20:39:06 ALS Bottle#: 57 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109633-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 06-May-2020 09:41:35 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX0322

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.045 (1.072-3.017) 92600207 10000 7934.3 E
 \$ 2 o-Terphenyl
 3.970 3.967 0.003 237114 20.0 17.2

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026407.D

Injection Date: 05-May-2020 20:39:06

Instrument ID: CBNAGC3

Lims ID: LCS 460-692128/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 57

Worklist Smp#: 4

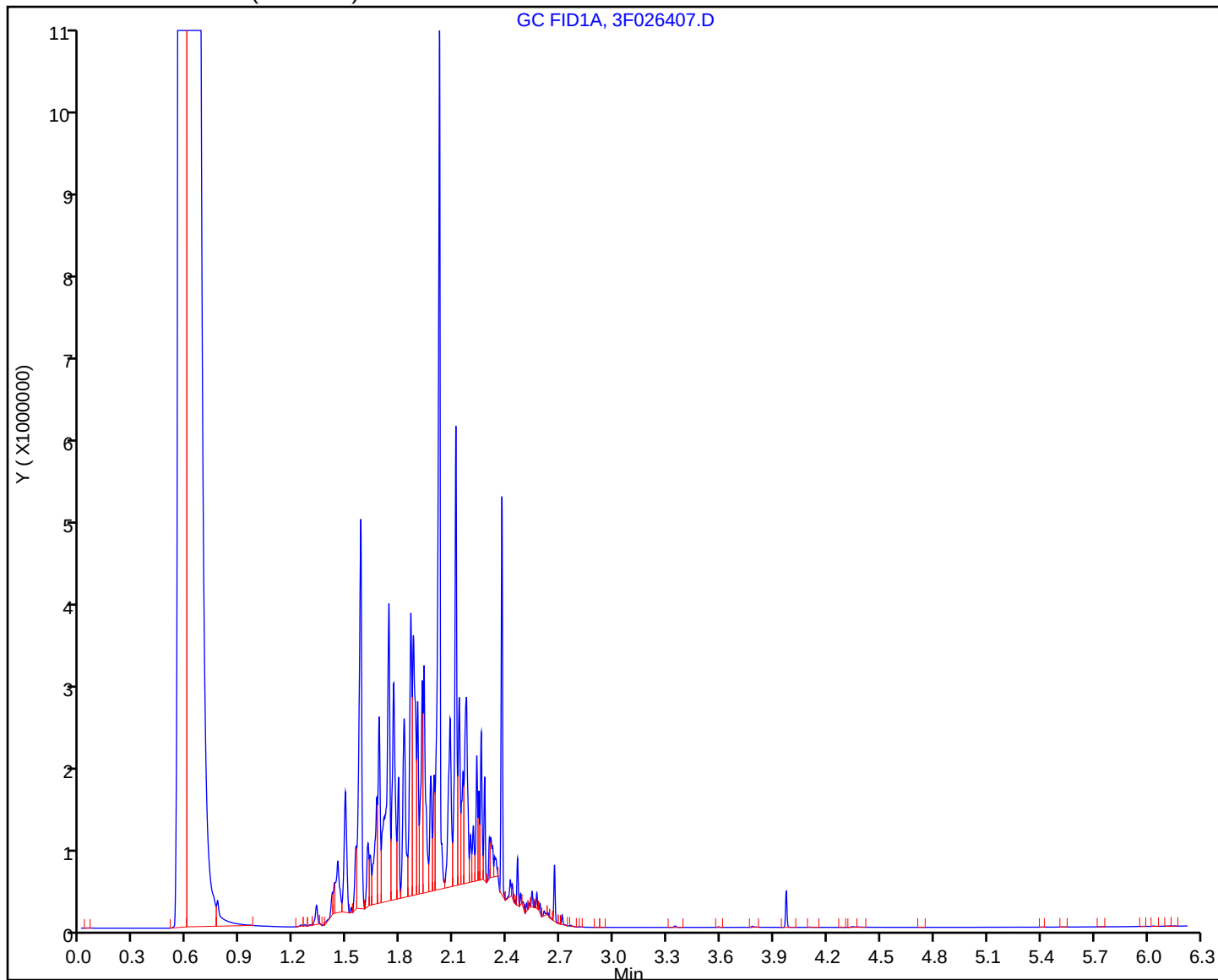
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-692128/3-A
 Matrix: Water Lab File ID: 3F026408.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C Date Extracted: 05/04/2020 18:20
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/05/2020 20:51
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 692274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	10500		13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	116		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026408.D
 Lims ID: LCSD 460-692128/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 05-May-2020 20:51:41 ALS Bottle#: 58 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0109633-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 06-May-2020 09:41:35 Calib Date: 23-May-2018 14:15:29
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CBNAGC3\20180523-72539.b\3F171206.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX0322

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.045 (1.072-3.017) 122394225 10000 10487 E
 \$ 2 o-Terphenyl
 3.968 3.967 0.001 318993 20.0 23.1

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200505-109633.b\3F026408.D

Injection Date: 05-May-2020 20:51:41

Instrument ID: CBNAGC3

Lims ID: LCSD 460-692128/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 58

Worklist Smp#: 5

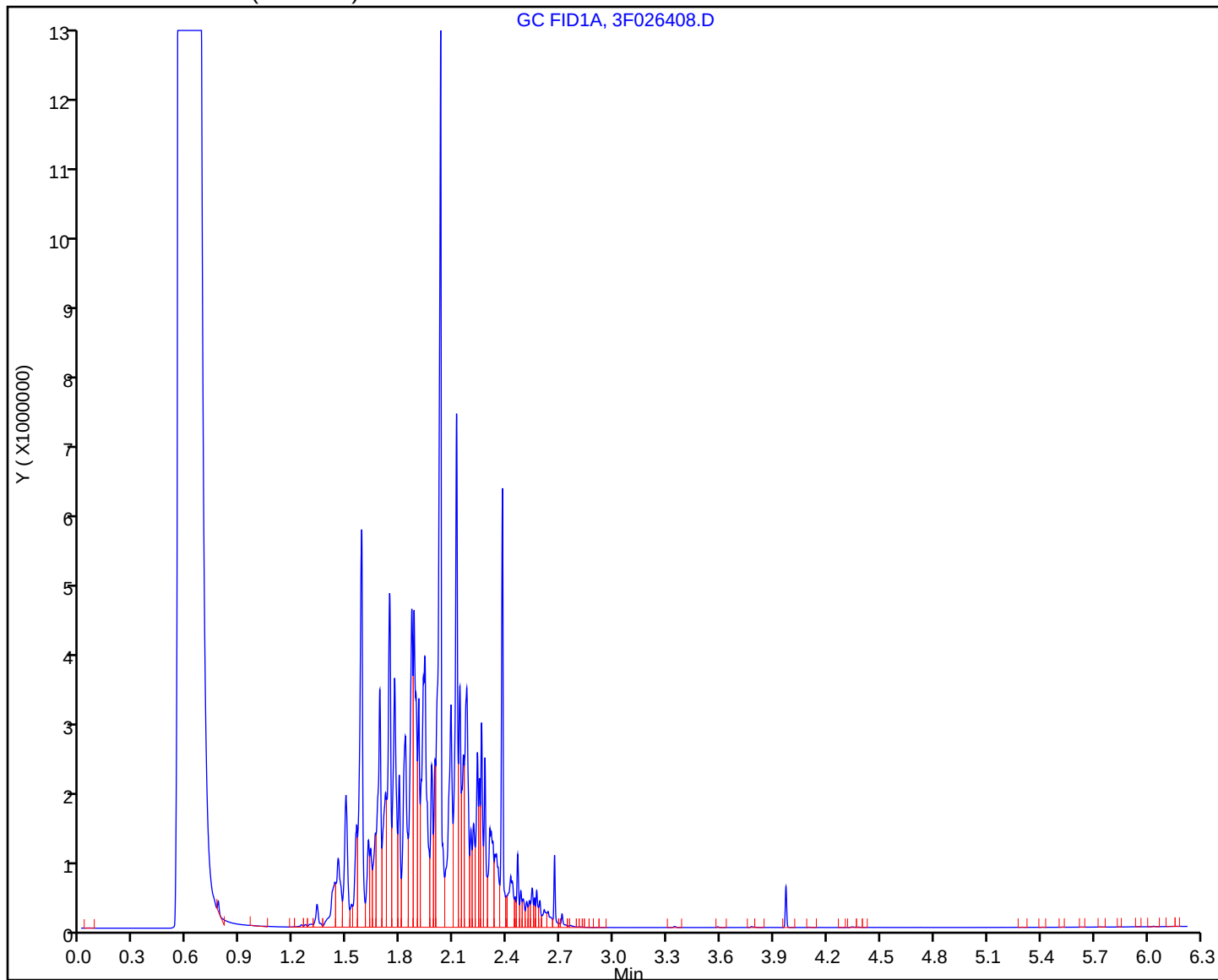
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-208037-1

SDG No.: _____

Instrument ID: CBNAGC3Start Date: 05/23/2018 11:51Analysis Batch Number: 521807End Date: 05/23/2018 17:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-521807/1		05/23/2018 11:51	1		Rtx-Mineral Oil 0.32 (mm)
STD1 460-521807/2 IC		05/23/2018 12:02	1	3F171201.D	Rtx-Mineral Oil 0.32 (mm)
STD3 460-521807/4 IC		05/23/2018 12:25	1	3F171203.D	Rtx-Mineral Oil 0.32 (mm)
STD4 460-521807/5 IC		05/23/2018 12:37	1	3F171204.D	Rtx-Mineral Oil 0.32 (mm)
STD5 460-521807/6 IC		05/23/2018 13:31	1	3F171205.D	Rtx-Mineral Oil 0.32 (mm)
STD2 460-521807/8 IC		05/23/2018 14:15	1	3F171206.D	Rtx-Mineral Oil 0.32 (mm)
ICV 460-521807/7		05/23/2018 14:55	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-521807/9		05/23/2018 15:31	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 15:42	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 15:54	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:05	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:17	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:28	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:40	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 16:51	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:03	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:14	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/23/2018 17:26	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-521807/20		05/23/2018 17:38	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-521807/21		05/23/2018 17:49	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-208037-1

SDG No.:

Instrument ID: CBNAGC3

Start Date: 05/05/2020 20:02

Analysis Batch Number: 692274

End Date: 05/06/2020 23:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-692274/1		05/05/2020 20:02	1	3F026404.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-692274/2		05/05/2020 20:14	1	3F026405.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-692128/1-A		05/05/2020 20:26	1	3F026406.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-692128/2-A		05/05/2020 20:39	1	3F026407.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-692128/3-A		05/05/2020 20:51	1	3F026408.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-1		05/05/2020 21:03	1	3F026409.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-2		05/05/2020 21:16	1	3F026410.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-3		05/05/2020 21:28	1	3F026411.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-4		05/05/2020 21:41	1	3F026412.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-5		05/05/2020 21:54	1	3F026413.D	Rtx-Mineral Oil 0.32 (mm)
460-208037-6		05/05/2020 22:06	1	3F026414.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/05/2020 22:19	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-692274/13		05/05/2020 22:31	1	3F026416.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-692274/14		05/05/2020 22:44	1	3F026417.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/05/2020 22:56	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 00:10	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 00:23	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 00:35	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 00:47	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-692274/25		05/06/2020 00:59	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-692274/26		05/06/2020 01:12	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 01:24	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 01:36	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 01:49	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-692274/30		05/06/2020 02:01	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-692274/31		05/06/2020 02:13	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 23:08	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 23:21	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 23:33	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 23:45	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		05/06/2020 23:58	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-208037-1

SDG No.: _____

Batch Number: 692128 Batch Start Date: 05/04/20 18:19 Batch Analyst: Amin, Abhishek BBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	OPDROSU 00032	SG 105 mi STD 00017	
MB 460-692128/1		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL		
LCS 460-692128/2		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL	200 uL	
LCSD 460-692128/3		3510C, 8015D		1000 mL	1 mL	7 SU	1 mL	200 uL	
460-208037-D-1	GT-1R	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-208037-D-2	GT-2R	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-208037-D-3	GT-3	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-208037-D-4	GT-4	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-208037-D-5	GT-5	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		
460-208037-D-6	GW-DUP	3510C, 8015D	T	1000 mL	1 mL	7 SU	1 mL		

Batch Notes	
Batch Comment	3510C LVI Mineral Spirit
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	AA
Method/Fraction	Mineral Spirit
Prep Solvent ID	MeCL2 / 246116
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	AA
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Client Information Client Contact: Mr. Steve Fleming, P.E. Company: Safety-Kleen Systems, Inc. Address: 41120 Thunderbird Ln City: Fairfield State: OH, Zip: 45014 Phone: 513-563-2172(Tel) 513-563-1645(Fax) Email: stephen.fleming@safety-kleen.com Project Name: 2020 Safety-Kleen Thornwood Site: 27 St. Charles St., Thornwood, NY		Lab PM: Flannery, Elizabeth J E-Mail: elizabeth.flannery@testamericainc.com Phone: 781-242-3966 Carrier Tracking No(s): 460-117206-75455.1 Page: Page 1 of 1 Job #: 208037	
Analysis Requested Due Date Requested: TAT Requested (days): PO #: Purchase Order Needed WO #: Project #: 46008952 SSOW#		Preservation Codes: A - HCL B - NaOH C - Zn Acetate M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Z - other (specify)	
Sample Identification Sample ID Sample Description Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=water, S=solid, O=oil, A=air) Preservation Code Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C - 8260C VOC 8015D ID - Hydrocarbon Product Identification (GC)		Special Instructions/Note: Total Number of	
GT-1R GT-2R GT-3 GT-4 GT-5 GW-DUP Trip Blank		-1 -2 -3 -4 -5 -6 -7	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)			
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:			
Empty Kit Relinquished by:			
Relinquished by: John Talley Relinquished by: Ken M... Relinquished by: ...		Date/Time: 4/30/2002 02:15 Date/Time: 4/30/2002 11:00 Date/Time: 4/30/2002 07:30	
Relinquished by: ... Relinquished by: ...		Date/Time: 4/30/2002 07:30 Date/Time: 4/30/2002 07:30	
Custody Seal No.: 30 / 22 / 20 / 16			

208037

IR Gun #

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	3.0 °C	5.0 °C
Cooler #2:	2.0 °C	2.6 °C
Cooler #3:	2.0 °C	2.0 °C
Cooler #4:	1.0 °C	1.6 °C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

[illegible]

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.

EDS-WI-038, Rev 4.1
10/22/2019

Initials:

Date:

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-208037-1

Login Number: 208037

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 $<6\text{mm}$ (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: 460-219430-1

Job Description: Safety-Kleen Thornwood

For:

Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, OH 45014

Attention: Mr. Steve Fleming, P.E.



Approved for release.
Elizabeth J Flannery
Project Manager I
10/13/2020 2:15 PM

Elizabeth J Flannery, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Elizabeth.Flannery@Eurofinset.com
10/13/2020

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 TestAmerica Edison Project Manager.

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

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: Safety-Kleen Systems, Inc

Project: Safety-Kleen Thornwood

Report Number: 460-219430-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/29/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 4.5° C, 5.3° C, 5.8° C and 6.0° C.

Receipt Exceptions

Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropane and 1,2,3-Trichloropropane, and 0.2 ug/L for trans-1,3-Dichloropropene. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL).

The following analytes are included in this report but certification is not offered by the governing authority: Mineral Spirits
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 GT-1R (460-219430-1), GT-2R (460-219430-2), GT-3 (460-219430-3), GT-4 (460-219430-4), GT-5 (460-219430-5), GW-DUP (460-219430-6) and Trip Blank (460-219430-7) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 10/04/2020 and 10/07/2020.

The continuing calibration verification (CCV) associated with batch 460-728944 recovered above the upper control limit for Acetonitrile, Dichlorodifluoromethane, Vinyl acetate and trans-1,4-Dichloro-2-butene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-729856 recovered above the upper control limit for Acetonitrile and Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: GT-2R (460-219430-2).

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

MINERAL RANGE ORGANICS (MRO)

Samples GT-1R (460-219430-1), GT-2R (460-219430-2), GT-3 (460-219430-3), GT-4 (460-219430-4), GT-5 (460-219430-5) and GW-DUP (460-219430-6) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 10/01/2020 and analyzed on 10/03/2020 and 10/04/2020.

No difficulties were encountered during the MRO analysis.

All quality control parameters were within the acceptance limits.

Project Specific Reporting Limits – Aqueous Samples

For aqueous samples, please note that the reporting limits listed below may vary for each sample analyzed based on sample volume, and/or sample dilution. The aqueous laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Technical & Operational Guidance Series (TOGS) section 1.1.1 class GA standards, and ASI's previously reported laboratory reporting limits where no TOGS class GA standard exists.

Analyte	Aqueous Project Specific Reporting Limits	Units
Acetone	50	ug/L
Acetonitrile	10	ug/L
Allyl chloride	5	ug/L
Benzene	1	ug/L
Benzyl chloride	10	ug/L
Bromodichloromethane	50	ug/L
Bromoform	5	ug/L
Bromomethane	5	ug/L
2-Butanone (MEK)	50	ug/L
Carbon disulfide	60	ug/L
Carbon tetrachloride	5	ug/L
Chlorobenzene	5	ug/L
Chloroethane	5	ug/L
2-Chloroethyl vinyl ether	20	ug/L
Chloroform	7	ug/L
Chloromethane	5	ug/L
cis-1,2-Dichloroethene	5	ug/L
cis-1,3-Dichloropropene	0.2	ug/L
Dibromochloromethane	50	ug/L
1,2-Dibromo-3-Chloropropane	0.04	ug/L
1,2-Dibromoethane	5	ug/L
Dibromomethane	5	ug/L
1,3-Dichlorobenzene	3	ug/L
1,4-Dichlorobenzene	3	ug/L
1,2-Dichlorobenzene	3	ug/L
Dichlorodifluoromethane	5	ug/L
1,1-Dichloroethane	5	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	5	ug/L
1,2-Dichloroethene, Total	2	ug/L
1,2-Dichloropropane	1	ug/L
Ethylbenzene	5	ug/L
Ethyl methacrylate	5	ug/L
2-Hexanone	50	ug/L
Iodomethane	5	ug/L
Isobutyl alcohol	250	ug/L
Methacrylonitrile	5	ug/L
Methylene Chloride	5	ug/L
Methyl methacrylate	50	ug/L
4-Methyl-2-pentanone (MIBK)	5	ug/L
m&p-Xylene	10	ug/L
o-Xylene	5	ug/L
Styrene	5	ug/L
1,1,1,2-Tetrachloroethane	5	ug/L
1,1,2,2-Tetrachloroethane	5	ug/L
Tetrachloroethene	5	ug/L
Toluene	5	ug/L
trans-1,4-Dichloro-2-butene	5	ug/L
trans-1,2-Dichloroethene	5	ug/L

Analyte	Aqueous Project Specific Reporting Limit	Units
<i>trans</i> -1,3-Dichloropropene	0.2	ug/L
1,1,1-Trichloroethane	5	ug/L
1,1,2-Trichloroethane	1	ug/L
Trichloroethene	5	ug/L
1,2,3-Trichloropropane	0.04	ug/L
Vinyl acetate	5	ug/L
Vinyl chloride	2	ug/L
Xylenes, Total	15	ug/L
Mineral Spirit Range Organics	50	ug/L

Project Specific Reporting Limits – Solid Samples

For solid samples, please note that the reporting limits listed below will vary for each sample analyzed based on sample moisture content, sample volume, and/or sample dilution. The solid laboratory reporting limits are based on the New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6.8(a) Unrestricted Use Soil Cleanup Objectives and TestAmerica Edison's laboratory reporting limits where no part 375 cleanup objectives exist.

Analyte	Solid Project Specific Reporting Limits	Units
Acetone	50	ug/Kg
Acetonitrile	50	ug/Kg
Allyl chloride	5	ug/Kg
Benzene	60	ug/Kg
Benzyl chloride	5	ug/Kg
Bromodichloromethane	5	ug/Kg
Bromoform	5	ug/Kg
Bromomethane	5	ug/Kg
2-Butanone (MEK)	120	ug/Kg
Carbon disulfide	5	ug/Kg
Carbon tetrachloride	760	ug/Kg
Chlorobenzene	1100	ug/Kg
Chloroethane	5	ug/Kg
2-Chloroethyl vinyl ether	5	ug/Kg
Chloroform	370	ug/Kg
Chloromethane	5	ug/Kg
cis-1,2-Dichloroethene	250	ug/Kg
cis-1,3-Dichloropropene	5	ug/Kg
Dibromochloromethane	5	ug/Kg
1,2-Dibromo-3-Chloropropane	10	ug/Kg
1,2-Dibromoethane	5	ug/Kg
Dibromomethane	5	ug/Kg
1,3-Dichlorobenzene	2400	ug/Kg
1,4-Dichlorobenzene	1800	ug/Kg
1,2-Dichlorobenzene	1100	ug/Kg
Dichlorodifluoromethane	5	ug/Kg
1,1-Dichloroethane	270	ug/Kg
1,2-Dichloroethane	20	ug/Kg
1,1-Dichloroethene	330	ug/Kg
1,2-Dichloroethene, Total	5	ug/Kg
1,2-Dichloropropane	5	ug/Kg
Ethylbenzene	1000	ug/Kg
Ethyl methacrylate	10	ug/Kg
2-Hexanone	10	ug/Kg
Iodomethane	10	ug/Kg
Isobutyl alcohol	150	ug/Kg
Methacrylonitrile	10	ug/Kg
Methylene Chloride	50	ug/Kg
Methyl methacrylate	10	ug/Kg
4-Methyl-2-pentanone (MIBK)	5	ug/Kg
m&p-Xylene	5	ug/Kg
o-Xylene	5	ug/Kg
Styrene	5	ug/Kg
1,1,1,2-Tetrachloroethane	5	ug/Kg
1,1,2,2-Tetrachloroethane	5	ug/Kg
Tetrachloroethene	1300	ug/Kg
Toluene	700	ug/Kg
trans-1,4-Dichloro-2-butene	10	ug/Kg
trans-1,2-Dichloroethene	190	ug/Kg

Analyte	Solid Project Specific Reporting Limits	Units
<i>trans</i> -1,3-Dichloropropene	5	ug/Kg
1,1,1-Trichloroethane	680	ug/Kg
1,1,2-Trichloroethane	5	ug/Kg
Trichloroethene	470	ug/Kg
1,2,3-Trichloropropane	5	ug/Kg
Vinyl acetate	20	ug/Kg
Vinyl chloride	5	ug/Kg
Xylenes, Total	260	ug/Kg
Mineral Spirit Range Organics	6700	ug/Kg

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-219430-1	GT-1R	Water	09/25/20 22:30	09/29/20 09:30	
460-219430-2	GT-2R	Water	09/25/20 18:30	09/29/20 09:30	
460-219430-3	GT-3	Water	09/25/20 19:30	09/29/20 09:30	
460-219430-4	GT-4	Water	09/25/20 20:30	09/29/20 09:30	
460-219430-5	GT-5	Water	09/25/20 21:30	09/29/20 09:30	
460-219430-6	GW-DUP	Water	09/25/20 12:00	09/29/20 09:30	
460-219430-7	Trip Blank	Water	09/25/20 22:30	09/29/20 09:30	

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-1R

Lab Sample ID: 460-219430-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.73	J	5.0	0.25	ug/L		1		8260C	Total/NA

Client Sample ID: GT-2R

Lab Sample ID: 460-219430-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	7.2	J	50	4.4	ug/L		1		8260C	Total/NA
Chlorobenzene	2.6	J	5.0	0.38	ug/L		1		8260C	Total/NA
Chloromethane	0.76	J	5.0	0.40	ug/L		1		8260C	Total/NA
1,2-Dichlorobenzene	0.30	J	3.0	0.21	ug/L		1		8260C	Total/NA
1,4-Dichlorobenzene	1.1	J	3.0	0.33	ug/L		1		8260C	Total/NA
Mineral Spirits	54		13	2.5	ug/L		1		8015D	Total/NA

Client Sample ID: GT-3

Lab Sample ID: 460-219430-3

No Detections.

Client Sample ID: GT-4

Lab Sample ID: 460-219430-4

No Detections.

Client Sample ID: GT-5

Lab Sample ID: 460-219430-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloromethane	0.48	J	5.0	0.40	ug/L		1		8260C	Total/NA
Tetrachloroethene	0.84	J	5.0	0.25	ug/L		1		8260C	Total/NA

Client Sample ID: GW-DUP

Lab Sample ID: 460-219430-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloromethane	0.44	J	5.0	0.40	ug/L		1		8260C	Total/NA
Mineral Spirits	78		13	2.5	ug/L		1		8015D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-219430-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Methylene Chloride	0.38	J	5.0	0.32	ug/L		1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Edison

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8015D	Hydrocarbon Product Identification (GC)	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-1R

Lab Sample ID: 460-219430-1

Date Collected: 09/25/20 22:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 09:03	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 09:03	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 09:03	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 09:03	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 09:03	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 09:03	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 09:03	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 09:03	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 09:03	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 09:03	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 09:03	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 09:03	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 09:03	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 09:03	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/04/20 09:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:03	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 09:03	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 09:03	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 09:03	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 09:03	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 09:03	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 09:03	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 09:03	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 09:03	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 09:03	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 09:03	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 09:03	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 09:03	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 09:03	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 09:03	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 09:03	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 09:03	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 09:03	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 09:03	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 09:03	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 09:03	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 09:03	1
Tetrachloroethene	0.73	J	5.0	0.25	ug/L			10/04/20 09:03	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 09:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:03	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 09:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 09:03	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 09:03	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 09:03	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 09:03	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 09:03	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 09:03	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 09:03	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 09:03	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-1R

Date Collected: 09/25/20 22:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 09:03	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 09:03	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 09:03	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 09:03	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 09:03	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 09:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 123		10/04/20 09:03	1
4-Bromofluorobenzene	101		76 - 120		10/04/20 09:03	1
Toluene-d8 (Surr)	102		80 - 120		10/04/20 09:03	1
Dibromofluoromethane (Surr)	102		77 - 124		10/04/20 09:03	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		10/01/20 09:50	10/03/20 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	140		38 - 149	10/01/20 09:50	10/03/20 18:09	1

Client Sample ID: GT-2R

Date Collected: 09/25/20 18:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.2	J	50	4.4	ug/L			10/04/20 09:24	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 09:24	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 09:24	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 09:24	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 09:24	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 09:24	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 09:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 09:24	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 09:24	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 09:24	1
Chlorobenzene	2.6	J	5.0	0.38	ug/L			10/04/20 09:24	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 09:24	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 09:24	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 09:24	1
Chloromethane	0.76	J	5.0	0.40	ug/L			10/04/20 09:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:24	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 09:24	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 09:24	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 09:24	1
1,2-Dichlorobenzene	0.30	J	3.0	0.21	ug/L			10/04/20 09:24	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 09:24	1
1,4-Dichlorobenzene	1.1	J	3.0	0.33	ug/L			10/04/20 09:24	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 09:24	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 09:24	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 09:24	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-2R

Lab Sample ID: 460-219430-2

Date Collected: 09/25/20 18:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 09:24	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 09:24	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 09:24	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 09:24	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 09:24	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 09:24	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 09:24	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 09:24	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 09:24	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 09:24	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 09:24	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 09:24	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/04/20 09:24	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 09:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:24	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 09:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 09:24	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 09:24	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 09:24	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 09:24	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 09:24	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 09:24	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 09:24	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 09:24	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 09:24	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 09:24	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 09:24	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 09:24	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 09:24	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 09:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		10/04/20 09:24	1
4-Bromofluorobenzene	100		76 - 120		10/04/20 09:24	1
Toluene-d8 (Surr)	103		80 - 120		10/04/20 09:24	1
Dibromofluoromethane (Surr)	102		77 - 124		10/04/20 09:24	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	54		13	2.5	ug/L		10/01/20 09:50	10/03/20 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	105		38 - 149	10/01/20 09:50	10/03/20 18:21	1

Client Sample ID: GT-3

Lab Sample ID: 460-219430-3

Date Collected: 09/25/20 19:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 09:45	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-3

Lab Sample ID: 460-219430-3

Date Collected: 09/25/20 19:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 09:45	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 09:45	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 09:45	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 09:45	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 09:45	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 09:45	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 09:45	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 09:45	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 09:45	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 09:45	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 09:45	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 09:45	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 09:45	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/04/20 09:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:45	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 09:45	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 09:45	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 09:45	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 09:45	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 09:45	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 09:45	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 09:45	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 09:45	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 09:45	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 09:45	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 09:45	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 09:45	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 09:45	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 09:45	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 09:45	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 09:45	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 09:45	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 09:45	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 09:45	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 09:45	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 09:45	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/04/20 09:45	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 09:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 09:45	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 09:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 09:45	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 09:45	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 09:45	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 09:45	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 09:45	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 09:45	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 09:45	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 09:45	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 09:45	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-3

Date Collected: 09/25/20 19:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 09:45	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 09:45	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 09:45	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 09:45	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 123		10/04/20 09:45	1
4-Bromofluorobenzene	100		76 - 120		10/04/20 09:45	1
Toluene-d8 (Surr)	103		80 - 120		10/04/20 09:45	1
Dibromofluoromethane (Surr)	102		77 - 124		10/04/20 09:45	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		10/01/20 09:50	10/03/20 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		38 - 149	10/01/20 09:50	10/03/20 18:32	1

Client Sample ID: GT-4

Date Collected: 09/25/20 20:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 10:06	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 10:06	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 10:06	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 10:06	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 10:06	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 10:06	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 10:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 10:06	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 10:06	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 10:06	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 10:06	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 10:06	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 10:06	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 10:06	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/04/20 10:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:06	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 10:06	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 10:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 10:06	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 10:06	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 10:06	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 10:06	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 10:06	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 10:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 10:06	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 10:06	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-4

Lab Sample ID: 460-219430-4

Date Collected: 09/25/20 20:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 10:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 10:06	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 10:06	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 10:06	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 10:06	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 10:06	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 10:06	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 10:06	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 10:06	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 10:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 10:06	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/04/20 10:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 10:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:06	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 10:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 10:06	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 10:06	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 10:06	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 10:06	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 10:06	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 10:06	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 10:06	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 10:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 10:06	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 10:06	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 10:06	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 10:06	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 10:06	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 10:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 123		10/04/20 10:06	1
4-Bromofluorobenzene	100		76 - 120		10/04/20 10:06	1
Toluene-d8 (Surr)	103		80 - 120		10/04/20 10:06	1
Dibromofluoromethane (Surr)	102		77 - 124		10/04/20 10:06	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		10/01/20 09:50	10/04/20 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	85		38 - 149				10/01/20 09:50	10/04/20 11:28	1

Client Sample ID: GT-5

Lab Sample ID: 460-219430-5

Date Collected: 09/25/20 21:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 10:27	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 10:27	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-5

Lab Sample ID: 460-219430-5

Date Collected: 09/25/20 21:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 10:27	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 10:27	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 10:27	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 10:27	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 10:27	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 10:27	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 10:27	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 10:27	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 10:27	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 10:27	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 10:27	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 10:27	1
Chloromethane	0.48	J	5.0	0.40	ug/L			10/04/20 10:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:27	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 10:27	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 10:27	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 10:27	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 10:27	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 10:27	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 10:27	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 10:27	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 10:27	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 10:27	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 10:27	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 10:27	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 10:27	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 10:27	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 10:27	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 10:27	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 10:27	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 10:27	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 10:27	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 10:27	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 10:27	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 10:27	1
Tetrachloroethene	0.84	J	5.0	0.25	ug/L			10/04/20 10:27	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 10:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:27	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 10:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 10:27	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 10:27	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 10:27	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 10:27	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 10:27	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 10:27	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 10:27	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 10:27	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 10:27	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 10:27	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-5

Lab Sample ID: 460-219430-5

Date Collected: 09/25/20 21:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 10:27	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 10:27	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 10:27	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 10:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 123					10/04/20 10:27	1
4-Bromofluorobenzene	99		76 - 120					10/04/20 10:27	1
Toluene-d8 (Surr)	102		80 - 120					10/04/20 10:27	1
Dibromofluoromethane (Surr)	104		77 - 124					10/04/20 10:27	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		10/01/20 09:50	10/04/20 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	91		38 - 149				10/01/20 09:50	10/04/20 11:39	1

Client Sample ID: GW-DUP

Lab Sample ID: 460-219430-6

Date Collected: 09/25/20 12:00

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 10:48	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 10:48	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 10:48	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 10:48	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 10:48	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 10:48	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 10:48	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 10:48	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 10:48	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 10:48	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 10:48	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 10:48	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 10:48	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 10:48	1
Chloromethane	0.44	J	5.0	0.40	ug/L			10/04/20 10:48	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:48	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 10:48	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 10:48	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 10:48	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 10:48	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 10:48	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 10:48	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 10:48	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 10:48	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 10:48	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 10:48	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 10:48	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GW-DUP

Lab Sample ID: 460-219430-6

Date Collected: 09/25/20 12:00

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 10:48	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 10:48	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 10:48	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 10:48	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 10:48	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 10:48	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 10:48	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 10:48	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 10:48	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 10:48	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/04/20 10:48	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 10:48	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 10:48	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 10:48	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 10:48	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 10:48	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 10:48	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 10:48	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 10:48	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 10:48	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 10:48	1
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 10:48	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 10:48	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 10:48	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 10:48	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 10:48	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 10:48	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 10:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 123					10/04/20 10:48	1
4-Bromofluorobenzene	102		76 - 120					10/04/20 10:48	1
Toluene-d8 (Surr)	103		80 - 120					10/04/20 10:48	1
Dibromofluoromethane (Surr)	106		77 - 124					10/04/20 10:48	1

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	78		13	2.5	ug/L		10/01/20 09:50	10/04/20 11:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	91		38 - 149				10/01/20 09:50	10/04/20 11:51	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-219430-7

Date Collected: 09/25/20 22:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/07/20 20:26	1
Acetonitrile	10	U	10	5.0	ug/L			10/07/20 20:26	1
Benzene	1.0	U	1.0	0.20	ug/L			10/07/20 20:26	1

Eurofins TestAmerica, Edison

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-219430-7

Date Collected: 09/25/20 22:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	10	U	10	0.34	ug/L			10/07/20 20:26	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/07/20 20:26	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/07/20 20:26	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/07/20 20:26	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/07/20 20:26	1
Carbon disulfide	60	U	60	0.82	ug/L			10/07/20 20:26	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/07/20 20:26	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/07/20 20:26	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/07/20 20:26	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/07/20 20:26	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/07/20 20:26	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/07/20 20:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/07/20 20:26	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/07/20 20:26	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/07/20 20:26	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/07/20 20:26	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/07/20 20:26	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/07/20 20:26	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/07/20 20:26	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/07/20 20:26	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/07/20 20:26	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/07/20 20:26	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/07/20 20:26	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/07/20 20:26	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/07/20 20:26	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/07/20 20:26	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/07/20 20:26	1
Methylene Chloride	0.38	J	5.0	0.32	ug/L			10/07/20 20:26	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/07/20 20:26	1
m&p-Xylene	10	U	10	0.30	ug/L			10/07/20 20:26	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/07/20 20:26	1
Styrene	5.0	U	5.0	0.42	ug/L			10/07/20 20:26	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/07/20 20:26	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/07/20 20:26	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/07/20 20:26	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/07/20 20:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/07/20 20:26	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/07/20 20:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/07/20 20:26	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/07/20 20:26	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/07/20 20:26	1
Toluene	5.0	U	5.0	0.38	ug/L			10/07/20 20:26	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/07/20 20:26	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/07/20 20:26	1
Xylenes, Total	15	U	15	0.65	ug/L			10/07/20 20:26	1
2-Hexanone	50	U	50	1.1	ug/L			10/07/20 20:26	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/07/20 20:26	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/07/20 20:26	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/07/20 20:26	1

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-219430-7

Date Collected: 09/25/20 22:30

Matrix: Water

Date Received: 09/29/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	5.0	U	5.0	0.48	ug/L			10/07/20 20:26	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/07/20 20:26	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/07/20 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 123		10/07/20 20:26	1
4-Bromofluorobenzene	99		76 - 120		10/07/20 20:26	1
Toluene-d8 (Surr)	100		80 - 120		10/07/20 20:26	1
Dibromofluoromethane (Surr)	105		77 - 124		10/07/20 20:26	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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)	TOL (80-120)	DBFM (77-124)
460-219430-1	GT-1R	102	101	102	102
460-219430-2	GT-2R	103	100	103	102
460-219430-3	GT-3	104	100	103	102
460-219430-4	GT-4	106	100	103	102
460-219430-5	GT-5	107	99	102	104
460-219430-6	GW-DUP	109	102	103	106
460-219430-7	Trip Blank	104	99	100	105
LCS 460-728944/3	Lab Control Sample	104	102	103	103
LCS 460-729856/3	Lab Control Sample	101	102	98	102
LCSD 460-728944/4	Lab Control Sample Dup	101	101	103	102
LCSD 460-729856/4	Lab Control Sample Dup	97	100	102	100
MB 460-728944/7	Method Blank	103	101	105	100
MB 460-729856/7	Method Blank	103	101	101	103

Surrogate Legend

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

BFB = 4-Bromofluorobenzene

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		OTPH (38-149)			
460-219430-1	GT-1R	140			
460-219430-2	GT-2R	105			
460-219430-3	GT-3	83			
460-219430-4	GT-4	85			
460-219430-5	GT-5	91			
460-219430-6	GW-DUP	91			
LCS 460-728041/2-A	Lab Control Sample	89			
LCSD 460-728041/3-A	Lab Control Sample Dup	97			
MB 460-728041/1-A	Method Blank	98			

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: MB 460-728944/7

Matrix: Water

Analysis Batch: 728944

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/04/20 08:22	1
Acetonitrile	10	U	10	5.0	ug/L			10/04/20 08:22	1
Benzene	1.0	U	1.0	0.20	ug/L			10/04/20 08:22	1
Benzyl chloride	10	U	10	0.34	ug/L			10/04/20 08:22	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/04/20 08:22	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/04/20 08:22	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/04/20 08:22	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/04/20 08:22	1
Carbon disulfide	60	U	60	0.82	ug/L			10/04/20 08:22	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/04/20 08:22	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/04/20 08:22	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/04/20 08:22	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/04/20 08:22	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/04/20 08:22	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/04/20 08:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 08:22	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/04/20 08:22	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/04/20 08:22	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/04/20 08:22	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/04/20 08:22	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/04/20 08:22	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/04/20 08:22	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/04/20 08:22	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/04/20 08:22	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/04/20 08:22	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/04/20 08:22	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/04/20 08:22	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/04/20 08:22	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/04/20 08:22	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/04/20 08:22	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/04/20 08:22	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/04/20 08:22	1
m&p-Xylene	10	U	10	0.30	ug/L			10/04/20 08:22	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/04/20 08:22	1
Styrene	5.0	U	5.0	0.42	ug/L			10/04/20 08:22	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/04/20 08:22	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/04/20 08:22	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/04/20 08:22	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/04/20 08:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/04/20 08:22	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/04/20 08:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/04/20 08:22	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/04/20 08:22	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/04/20 08:22	1
Toluene	5.0	U	5.0	0.38	ug/L			10/04/20 08:22	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/04/20 08:22	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/04/20 08:22	1
Xylenes, Total	15	U	15	0.65	ug/L			10/04/20 08:22	1

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: MB 460-728944/7

Matrix: Water

Analysis Batch: 728944

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	50	U	50	1.1	ug/L			10/04/20 08:22	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/04/20 08:22	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/04/20 08:22	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/04/20 08:22	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/04/20 08:22	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/04/20 08:22	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/04/20 08:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		10/04/20 08:22	1
4-Bromofluorobenzene	101		76 - 120		10/04/20 08:22	1
Toluene-d8 (Surr)	105		80 - 120		10/04/20 08:22	1
Dibromofluoromethane (Surr)	100		77 - 124		10/04/20 08:22	1

Lab Sample ID: LCS 460-728944/3

Matrix: Water

Analysis Batch: 728944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	82.8		ug/L		83	61 - 134
Acetonitrile	200	241		ug/L		120	29 - 150
Benzene	20.0	19.7		ug/L		99	78 - 126
Benzyl chloride	20.0	23.6		ug/L		118	16 - 150
Bromodichloromethane	20.0	19.7	J	ug/L		98	72 - 121
Bromoform	20.0	20.0		ug/L		100	38 - 144
Bromomethane	20.0	19.3		ug/L		97	10 - 150
4-Methyl-2-pentanone (MIBK)	100	99.9		ug/L		100	78 - 125
Carbon disulfide	20.0	21.0	J	ug/L		105	64 - 138
Carbon tetrachloride	20.0	20.2		ug/L		101	56 - 131
Chlorobenzene	20.0	19.7		ug/L		99	80 - 119
Chloroethane	20.0	18.2		ug/L		91	29 - 150
2-Chloroethyl vinyl ether	20.0	19.9	J	ug/L		99	29 - 148
Chloroform	20.0	20.5		ug/L		102	78 - 125
Chloromethane	20.0	20.7		ug/L		104	38 - 150
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	74 - 125
Dibromochloromethane	20.0	20.9	J	ug/L		104	58 - 130
Dibromomethane	20.0	20.0		ug/L		100	72 - 122
1,2-Dibromo-3-Chloropropane	20.0	21.0		ug/L		105	41 - 143
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	79 - 122
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 121
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 118
Dichlorodifluoromethane	20.0	21.7		ug/L		108	31 - 150
1,1-Dichloroethane	20.0	20.4		ug/L		102	73 - 130
1,2-Dichloroethane	20.0	19.9		ug/L		100	75 - 121
1,1-Dichloroethene	20.0	20.0		ug/L		100	68 - 133
1,2-Dichloroethene, Total	40.0	38.9		ug/L		97	77 - 122
1,2-Dichloropropane	20.0	20.7		ug/L		104	76 - 126
Ethylbenzene	20.0	21.0		ug/L		105	78 - 120

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCS 460-728944/3

Matrix: Water

Analysis Batch: 728944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	100	86.8		ug/L		87	69 - 128
Methylene Chloride	20.0	19.2		ug/L		96	74 - 127
Methyl methacrylate	40.0	41.7	J	ug/L		104	50 - 133
m&p-Xylene	20.0	21.3		ug/L		106	78 - 123
o-Xylene	20.0	20.5		ug/L		102	78 - 122
Styrene	20.0	21.5		ug/L		108	75 - 127
1,1,1,2-Tetrachloroethane	20.0	20.5		ug/L		103	63 - 129
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/L		101	63 - 139
Tetrachloroethene	20.0	19.7		ug/L		98	70 - 127
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	74 - 126
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	66 - 127
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	68 - 128
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	74 - 125
Trichloroethene	20.0	18.9		ug/L		94	71 - 121
1,2,3-Trichloropropane	20.0	21.2		ug/L		106	64 - 127
Toluene	20.0	20.2		ug/L		101	78 - 119
Vinyl acetate	40.0	52.7		ug/L		132	55 - 142
Vinyl chloride	20.0	21.5		ug/L		108	61 - 144
Xylenes, Total	40.0	41.8		ug/L		104	78 - 122
2-Hexanone	100	98.4		ug/L		98	74 - 127
cis-1,2-Dichloroethene	20.0	19.7		ug/L		99	78 - 121
1,2-Dibromoethane	20.0	20.5		ug/L		102	69 - 126
Ethyl methacrylate	20.0	21.3		ug/L		106	56 - 131
Iodomethane	20.0	20.6		ug/L		103	10 - 150
trans-1,4-Dichloro-2-butene	20.0	21.5		ug/L		107	45 - 132
Methacrylonitrile	200	207		ug/L		103	63 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		75 - 123
4-Bromofluorobenzene	102		76 - 120
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	103		77 - 124

Lab Sample ID: LCSD 460-728944/4

Matrix: Water

Analysis Batch: 728944

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
Acetone	100	90.1		ug/L		90	61 - 134	8	30
Acetonitrile	200	261		ug/L		131	29 - 150	8	30
Benzene	20.0	21.0		ug/L		105	78 - 126	6	30
Benzyl chloride	20.0	25.3		ug/L		127	16 - 150	7	30
Bromodichloromethane	20.0	21.4	J	ug/L		107	72 - 121	8	30
Bromoform	20.0	21.2		ug/L		106	38 - 144	6	30
Bromomethane	20.0	21.8		ug/L		109	10 - 150	12	30
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	78 - 125	9	30
Carbon disulfide	20.0	21.5	J	ug/L		108	64 - 138	3	30
Carbon tetrachloride	20.0	21.3		ug/L		106	56 - 131	5	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCSD 460-728944/4

Matrix: Water

Analysis Batch: 728944

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
Chlorobenzene	20.0	21.2		ug/L		106	80 - 119	7	30
Chloroethane	20.0	19.8		ug/L		99	29 - 150	8	30
2-Chloroethyl vinyl ether	20.0	21.1		ug/L		105	29 - 148	6	30
Chloroform	20.0	21.6		ug/L		108	78 - 125	6	30
Chloromethane	20.0	21.1		ug/L		106	38 - 150	2	30
cis-1,3-Dichloropropene	20.0	21.9		ug/L		110	74 - 125	6	30
Dibromochloromethane	20.0	21.5	J	ug/L		108	58 - 130	3	30
Dibromomethane	20.0	20.7		ug/L		104	72 - 122	4	30
1,2-Dibromo-3-Chloropropane	20.0	21.5		ug/L		108	41 - 143	3	30
1,2-Dichlorobenzene	20.0	22.4		ug/L		112	79 - 122	10	30
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	80 - 121	9	30
1,4-Dichlorobenzene	20.0	22.0		ug/L		110	80 - 118	11	30
Dichlorodifluoromethane	20.0	23.5		ug/L		117	31 - 150	8	30
1,1-Dichloroethane	20.0	21.3		ug/L		107	73 - 130	5	30
1,2-Dichloroethane	20.0	21.4		ug/L		107	75 - 121	7	30
1,1-Dichloroethene	20.0	21.3		ug/L		107	68 - 133	6	30
1,2-Dichloroethene, Total	40.0	41.8		ug/L		104	77 - 122	7	30
1,2-Dichloropropane	20.0	22.4		ug/L		112	76 - 126	7	30
Ethylbenzene	20.0	23.0		ug/L		115	78 - 120	9	30
2-Butanone (MEK)	100	96.0		ug/L		96	69 - 128	10	30
Methylene Chloride	20.0	19.4		ug/L		97	74 - 127	1	30
Methyl methacrylate	40.0	43.1	J	ug/L		108	50 - 133	3	30
m&p-Xylene	20.0	22.8		ug/L		114	78 - 123	7	30
o-Xylene	20.0	22.2		ug/L		111	78 - 122	8	30
Styrene	20.0	23.5		ug/L		118	75 - 127	9	30
1,1,1,2-Tetrachloroethane	20.0	21.8		ug/L		109	63 - 129	6	30
1,1,2,2-Tetrachloroethane	20.0	22.1		ug/L		110	63 - 139	9	30
Tetrachloroethene	20.0	21.0		ug/L		105	70 - 127	7	30
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	74 - 126	8	30
trans-1,3-Dichloropropene	20.0	21.1		ug/L		106	66 - 127	8	30
1,1,1-Trichloroethane	20.0	21.2		ug/L		106	68 - 128	7	30
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	74 - 125	2	30
Trichloroethene	20.0	20.1		ug/L		100	71 - 121	6	30
1,2,3-Trichloropropane	20.0	23.0		ug/L		115	64 - 127	8	30
Toluene	20.0	21.4		ug/L		107	78 - 119	5	30
Vinyl acetate	40.0	56.7		ug/L		142	55 - 142	7	30
Vinyl chloride	20.0	21.8		ug/L		109	61 - 144	1	30
Xylenes, Total	40.0	45.0		ug/L		113	78 - 122	8	30
2-Hexanone	100	105		ug/L		105	74 - 127	7	30
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	78 - 121	7	30
1,2-Dibromoethane	20.0	21.4		ug/L		107	69 - 126	4	30
Ethyl methacrylate	20.0	22.2		ug/L		111	56 - 131	4	30
Iodomethane	20.0	21.3		ug/L		106	10 - 150	3	30
trans-1,4-Dichloro-2-butene	20.0	23.9		ug/L		120	45 - 132	11	30
Methacrylonitrile	200	220		ug/L		110	63 - 136	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 123

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCSD 460-728944/4

Matrix: Water

Analysis Batch: 728944

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		76 - 120
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	102		77 - 124

Lab Sample ID: MB 460-729856/7

Matrix: Water

Analysis Batch: 729856

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	4.4	ug/L			10/07/20 20:04	1
Acetonitrile	10	U	10	5.0	ug/L			10/07/20 20:04	1
Benzene	1.0	U	1.0	0.20	ug/L			10/07/20 20:04	1
Benzyl chloride	10	U	10	0.34	ug/L			10/07/20 20:04	1
Bromodichloromethane	50	U	50	0.34	ug/L			10/07/20 20:04	1
Bromoform	5.0	U	5.0	0.54	ug/L			10/07/20 20:04	1
Bromomethane	5.0	U	5.0	0.55	ug/L			10/07/20 20:04	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			10/07/20 20:04	1
Carbon disulfide	60	U	60	0.82	ug/L			10/07/20 20:04	1
Carbon tetrachloride	5.0	U	5.0	0.21	ug/L			10/07/20 20:04	1
Chlorobenzene	5.0	U	5.0	0.38	ug/L			10/07/20 20:04	1
Chloroethane	5.0	U	5.0	0.32	ug/L			10/07/20 20:04	1
2-Chloroethyl vinyl ether	20	U	20	0.43	ug/L			10/07/20 20:04	1
Chloroform	7.0	U	7.0	0.33	ug/L			10/07/20 20:04	1
Chloromethane	5.0	U	5.0	0.40	ug/L			10/07/20 20:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			10/07/20 20:04	1
Dibromochloromethane	50	U	50	0.28	ug/L			10/07/20 20:04	1
Dibromomethane	5.0	U	5.0	0.60	ug/L			10/07/20 20:04	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			10/07/20 20:04	1
1,2-Dichlorobenzene	3.0	U	3.0	0.21	ug/L			10/07/20 20:04	1
1,3-Dichlorobenzene	3.0	U	3.0	0.34	ug/L			10/07/20 20:04	1
1,4-Dichlorobenzene	3.0	U	3.0	0.33	ug/L			10/07/20 20:04	1
Dichlorodifluoromethane	5.0	U	5.0	0.31	ug/L			10/07/20 20:04	1
1,1-Dichloroethane	5.0	U	5.0	0.26	ug/L			10/07/20 20:04	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			10/07/20 20:04	1
1,1-Dichloroethene	5.0	U	5.0	0.26	ug/L			10/07/20 20:04	1
1,2-Dichloroethene, Total	2.0	U	2.0	0.44	ug/L			10/07/20 20:04	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			10/07/20 20:04	1
Ethylbenzene	5.0	U	5.0	0.30	ug/L			10/07/20 20:04	1
2-Butanone (MEK)	50	U	50	1.9	ug/L			10/07/20 20:04	1
Methylene Chloride	5.0	U	5.0	0.32	ug/L			10/07/20 20:04	1
Methyl methacrylate	50	U	50	0.97	ug/L			10/07/20 20:04	1
m&p-Xylene	10	U	10	0.30	ug/L			10/07/20 20:04	1
o-Xylene	5.0	U	5.0	0.36	ug/L			10/07/20 20:04	1
Styrene	5.0	U	5.0	0.42	ug/L			10/07/20 20:04	1
1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27	ug/L			10/07/20 20:04	1
1,1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37	ug/L			10/07/20 20:04	1
Tetrachloroethene	5.0	U	5.0	0.25	ug/L			10/07/20 20:04	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.24	ug/L			10/07/20 20:04	1

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: MB 460-729856/7

Matrix: Water

Analysis Batch: 729856

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	1.0	U	1.0	0.22	ug/L			10/07/20 20:04	1
1,1,1-Trichloroethane	5.0	U	5.0	0.24	ug/L			10/07/20 20:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			10/07/20 20:04	1
Trichloroethene	5.0	U	5.0	0.31	ug/L			10/07/20 20:04	1
1,2,3-Trichloropropane	1.0	U	1.0	0.66	ug/L			10/07/20 20:04	1
Toluene	5.0	U	5.0	0.38	ug/L			10/07/20 20:04	1
Vinyl acetate	5.0	U	5.0	0.83	ug/L			10/07/20 20:04	1
Vinyl chloride	2.0	U	2.0	0.17	ug/L			10/07/20 20:04	1
Xylenes, Total	15	U	15	0.65	ug/L			10/07/20 20:04	1
2-Hexanone	50	U	50	1.1	ug/L			10/07/20 20:04	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.22	ug/L			10/07/20 20:04	1
1,2-Dibromoethane	5.0	U	5.0	0.50	ug/L			10/07/20 20:04	1
Ethyl methacrylate	5.0	U	5.0	0.26	ug/L			10/07/20 20:04	1
Iodomethane	5.0	U	5.0	0.48	ug/L			10/07/20 20:04	1
trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34	ug/L			10/07/20 20:04	1
Methacrylonitrile	5.0	U	5.0	2.1	ug/L			10/07/20 20:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 123		10/07/20 20:04	1
4-Bromofluorobenzene	101		76 - 120		10/07/20 20:04	1
Toluene-d8 (Surr)	101		80 - 120		10/07/20 20:04	1
Dibromofluoromethane (Surr)	103		77 - 124		10/07/20 20:04	1

Lab Sample ID: LCS 460-729856/3

Matrix: Water

Analysis Batch: 729856

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	93.7		ug/L		94	61 - 134
Acetonitrile	200	249		ug/L		124	29 - 150
Benzene	20.0	21.1		ug/L		105	78 - 126
Benzyl chloride	20.0	22.5		ug/L		113	16 - 150
Bromodichloromethane	20.0	20.2	J	ug/L		101	72 - 121
Bromoform	20.0	19.9		ug/L		100	38 - 144
Bromomethane	20.0	21.8		ug/L		109	10 - 150
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	78 - 125
Carbon disulfide	20.0	21.1	J	ug/L		105	64 - 138
Carbon tetrachloride	20.0	21.1		ug/L		106	56 - 131
Chlorobenzene	20.0	20.7		ug/L		103	80 - 119
Chloroethane	20.0	20.5		ug/L		102	29 - 150
2-Chloroethyl vinyl ether	20.0	19.2	J	ug/L		96	29 - 148
Chloroform	20.0	21.7		ug/L		108	78 - 125
Chloromethane	20.0	20.0		ug/L		100	38 - 150
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	74 - 125
Dibromochloromethane	20.0	20.7	J	ug/L		103	58 - 130
Dibromomethane	20.0	21.1		ug/L		106	72 - 122
1,2-Dibromo-3-Chloropropane	20.0	20.1		ug/L		101	41 - 143
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	79 - 122

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCS 460-729856/3

Matrix: Water

Analysis Batch: 729856

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 121
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	80 - 118
Dichlorodifluoromethane	20.0	19.6		ug/L		98	31 - 150
1,1-Dichloroethane	20.0	21.5		ug/L		108	73 - 130
1,2-Dichloroethane	20.0	20.3		ug/L		101	75 - 121
1,1-Dichloroethene	20.0	21.0		ug/L		105	68 - 133
1,2-Dichloroethene, Total	40.0	43.2		ug/L		108	77 - 122
1,2-Dichloropropane	20.0	21.4		ug/L		107	76 - 126
Ethylbenzene	20.0	22.1		ug/L		110	78 - 120
2-Butanone (MEK)	100	96.3		ug/L		96	69 - 128
Methylene Chloride	20.0	20.1		ug/L		101	74 - 127
Methyl methacrylate	40.0	41.0	J	ug/L		103	50 - 133
m&p-Xylene	20.0	22.3		ug/L		112	78 - 123
o-Xylene	20.0	21.2		ug/L		106	78 - 122
Styrene	20.0	22.1		ug/L		111	75 - 127
1,1,1,2-Tetrachloroethane	20.0	20.9		ug/L		104	63 - 129
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	63 - 139
Tetrachloroethene	20.0	21.1		ug/L		105	70 - 127
trans-1,2-Dichloroethene	20.0	21.7		ug/L		109	74 - 126
trans-1,3-Dichloropropene	20.0	19.1		ug/L		95	66 - 127
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	68 - 128
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	74 - 125
Trichloroethene	20.0	19.8		ug/L		99	71 - 121
1,2,3-Trichloropropane	20.0	19.6		ug/L		98	64 - 127
Toluene	20.0	20.9		ug/L		105	78 - 119
Vinyl acetate	40.0	52.9		ug/L		132	55 - 142
Vinyl chloride	20.0	20.2		ug/L		101	61 - 144
Xylenes, Total	40.0	43.5		ug/L		109	78 - 122
2-Hexanone	100	97.1		ug/L		97	74 - 127
cis-1,2-Dichloroethene	20.0	21.5		ug/L		108	78 - 121
1,2-Dibromoethane	20.0	20.1		ug/L		100	69 - 126
Ethyl methacrylate	20.0	19.9		ug/L		99	56 - 131
Iodomethane	20.0	22.1		ug/L		110	10 - 150
trans-1,4-Dichloro-2-butene	20.0	18.6		ug/L		93	45 - 132
Methacrylonitrile	200	207		ug/L		104	63 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 123
4-Bromofluorobenzene	102		76 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	102		77 - 124

Lab Sample ID: LCSD 460-729856/4

Matrix: Water

Analysis Batch: 729856

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
Acetone	100	86.1		ug/L		86	61 - 134	8	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCSD 460-729856/4

Matrix: Water

Analysis Batch: 729856

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
Acetonitrile	200	219		ug/L		109	29 - 150	13	30
Benzene	20.0	19.5		ug/L		97	78 - 126	8	30
Benzyl chloride	20.0	22.6		ug/L		113	16 - 150	0	30
Bromodichloromethane	20.0	18.7	J	ug/L		94	72 - 121	8	30
Bromoform	20.0	20.3		ug/L		102	38 - 144	2	30
Bromomethane	20.0	18.7		ug/L		93	10 - 150	15	30
4-Methyl-2-pentanone (MIBK)	100	97.9		ug/L		98	78 - 125	6	30
Carbon disulfide	20.0	18.1	J	ug/L		91	64 - 138	15	30
Carbon tetrachloride	20.0	18.6		ug/L		93	56 - 131	13	30
Chlorobenzene	20.0	20.1		ug/L		101	80 - 119	3	30
Chloroethane	20.0	16.4		ug/L		82	29 - 150	22	30
2-Chloroethyl vinyl ether	20.0	19.6	J	ug/L		98	29 - 148	2	30
Chloroform	20.0	19.7		ug/L		99	78 - 125	10	30
Chloromethane	20.0	17.9		ug/L		89	38 - 150	11	30
cis-1,3-Dichloropropene	20.0	20.7		ug/L		103	74 - 125	0	30
Dibromochloromethane	20.0	20.1	J	ug/L		101	58 - 130	3	30
Dibromomethane	20.0	19.7		ug/L		98	72 - 122	7	30
1,2-Dibromo-3-Chloropropane	20.0	20.3		ug/L		102	41 - 143	1	30
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	79 - 122	2	30
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 121	5	30
1,4-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 118	3	30
Dichlorodifluoromethane	20.0	15.6		ug/L		78	31 - 150	23	30
1,1-Dichloroethane	20.0	19.5		ug/L		97	73 - 130	10	30
1,2-Dichloroethane	20.0	19.8		ug/L		99	75 - 121	2	30
1,1-Dichloroethene	20.0	17.7		ug/L		89	68 - 133	17	30
1,2-Dichloroethene, Total	40.0	38.5		ug/L		96	77 - 122	12	30
1,2-Dichloropropane	20.0	20.1		ug/L		100	76 - 126	6	30
Ethylbenzene	20.0	20.3		ug/L		101	78 - 120	8	30
2-Butanone (MEK)	100	93.9		ug/L		94	69 - 128	3	30
Methylene Chloride	20.0	18.4		ug/L		92	74 - 127	9	30
Methyl methacrylate	40.0	41.7	J	ug/L		104	50 - 133	1	30
m&p-Xylene	20.0	21.1		ug/L		105	78 - 123	6	30
o-Xylene	20.0	20.5		ug/L		102	78 - 122	4	30
Styrene	20.0	21.4		ug/L		107	75 - 127	3	30
1,1,1,2-Tetrachloroethane	20.0	20.4		ug/L		102	63 - 129	2	30
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	63 - 139	2	30
Tetrachloroethene	20.0	18.7		ug/L		93	70 - 127	12	30
trans-1,2-Dichloroethene	20.0	18.7		ug/L		94	74 - 126	15	30
trans-1,3-Dichloropropene	20.0	19.1		ug/L		95	66 - 127	0	30
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	68 - 128	14	30
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	74 - 125	1	30
Trichloroethene	20.0	17.8		ug/L		89	71 - 121	11	30
1,2,3-Trichloropropane	20.0	21.5		ug/L		107	64 - 127	9	30
Toluene	20.0	19.4		ug/L		97	78 - 119	8	30
Vinyl acetate	40.0	51.1		ug/L		128	55 - 142	3	30
Vinyl chloride	20.0	17.4		ug/L		87	61 - 144	15	30
Xylenes, Total	40.0	41.6		ug/L		104	78 - 122	5	30
2-Hexanone	100	93.4		ug/L		93	74 - 127	4	30
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	78 - 121	9	30

Eurofins TestAmerica, Edison

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

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

Lab Sample ID: LCSD 460-729856/4

Matrix: Water

Analysis Batch: 729856

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
1,2-Dibromoethane	20.0	20.3		ug/L		101	69 - 126	1	30
Ethyl methacrylate	20.0	20.6		ug/L		103	56 - 131	4	30
Iodomethane	20.0	19.8		ug/L		99	10 - 150	11	30
trans-1,4-Dichloro-2-butene	20.0	19.9		ug/L		100	45 - 132	7	30
Methacrylonitrile	200	206		ug/L		103	63 - 136	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		75 - 123
4-Bromofluorobenzene	100		76 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	100		77 - 124

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-728041/1-A

Matrix: Water

Analysis Batch: 728817

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 728041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		09/30/20 20:55	10/03/20 14:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	98		38 - 149	09/30/20 20:55	10/03/20 14:29	1

Lab Sample ID: LCS 460-728041/2-A

Matrix: Water

Analysis Batch: 728817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 728041

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mineral Spirits	10000	10400		ug/L		104	50 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl	89		38 - 149

Lab Sample ID: LCSD 460-728041/3-A

Matrix: Water

Analysis Batch: 728817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 728041

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mineral Spirits	10000	10900		ug/L		109	50 - 130	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
o-Terphenyl	97		38 - 149

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

GC/MS VOA

Analysis Batch: 728944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-1	GT-1R	Total/NA	Water	8260C	
460-219430-2	GT-2R	Total/NA	Water	8260C	
460-219430-3	GT-3	Total/NA	Water	8260C	
460-219430-4	GT-4	Total/NA	Water	8260C	
460-219430-5	GT-5	Total/NA	Water	8260C	
460-219430-6	GW-DUP	Total/NA	Water	8260C	
MB 460-728944/7	Method Blank	Total/NA	Water	8260C	
LCS 460-728944/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-728944/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 729856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-7	Trip Blank	Total/NA	Water	8260C	
MB 460-729856/7	Method Blank	Total/NA	Water	8260C	
LCS 460-729856/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-729856/4	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 728041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-1	GT-1R	Total/NA	Water	3510C	
460-219430-2	GT-2R	Total/NA	Water	3510C	
460-219430-3	GT-3	Total/NA	Water	3510C	
460-219430-4	GT-4	Total/NA	Water	3510C	
460-219430-5	GT-5	Total/NA	Water	3510C	
460-219430-6	GW-DUP	Total/NA	Water	3510C	
MB 460-728041/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-728041/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-728041/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 728817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-1	GT-1R	Total/NA	Water	8015D	728041
460-219430-2	GT-2R	Total/NA	Water	8015D	728041
460-219430-3	GT-3	Total/NA	Water	8015D	728041
MB 460-728041/1-A	Method Blank	Total/NA	Water	8015D	728041
LCS 460-728041/2-A	Lab Control Sample	Total/NA	Water	8015D	728041
LCSD 460-728041/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	728041

Analysis Batch: 728954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-4	GT-4	Total/NA	Water	8015D	728041
460-219430-5	GT-5	Total/NA	Water	8015D	728041
460-219430-6	GW-DUP	Total/NA	Water	8015D	728041

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GT-1R

Date Collected: 09/25/20 22:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 09:03	SZD	TAL EDI
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728817	10/03/20 18:09	KMH	TAL EDI

Client Sample ID: GT-2R

Date Collected: 09/25/20 18:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 09:24	SZD	TAL EDI
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728817	10/03/20 18:21	KMH	TAL EDI

Client Sample ID: GT-3

Date Collected: 09/25/20 19:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 09:45	SZD	TAL EDI
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728817	10/03/20 18:32	KMH	TAL EDI

Client Sample ID: GT-4

Date Collected: 09/25/20 20:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 10:06	SZD	TAL EDI
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728954	10/04/20 11:28	KMH	TAL EDI

Client Sample ID: GT-5

Date Collected: 09/25/20 21:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 10:27	SZD	TAL EDI
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728954	10/04/20 11:39	KMH	TAL EDI

Client Sample ID: GW-DUP

Date Collected: 09/25/20 12:00

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	728944	10/04/20 10:48	SZD	TAL EDI

Eurofins TestAmerica, Edison

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Client Sample ID: GW-DUP

Date Collected: 09/25/20 12:00

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			728041	10/01/20 09:50	JMS	TAL EDI
Total/NA	Analysis	8015D		1	728954	10/04/20 11:51	KMH	TAL EDI

Client Sample ID: Trip Blank

Date Collected: 09/25/20 22:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	729856	10/07/20 20:26	VBP	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-1

Laboratory: Eurofins TestAmerica, Edison

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits
8260C		Water	1,2-Dichloroethene, Total

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GT-1R	460-219430-1	102	102	102	101
GT-2R	460-219430-2	102	103	103	100
GT-3	460-219430-3	102	104	103	100
GT-4	460-219430-4	102	106	103	100
GT-5	460-219430-5	104	107	102	99
GW-DUP	460-219430-6	106	109	103	102
Trip Blank	460-219430-7	105	104	100	99
	MB 460-728944/7	100	103	105	101
	MB 460-729856/7	103	103	101	101
	LCS 460-728944/3	103	104	103	102
	LCS 460-729856/3	102	101	98	102
	LCSD 460-728944/4	102	101	103	101
	LCSD 460-729856/4	100	97	102	100

	<u>QC LIMITS</u>
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	75-123
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT130821.D
 Lab ID: LCS 460-728944/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	82.8	83	61-134	
Acetonitrile	200	241	120	29-150	
Benzene	20.0	19.7	99	78-126	
Benzyl chloride	20.0	23.6	118	16-150	
Bromodichloromethane	20.0	19.7 J	98	72-121	
Bromoform	20.0	20.0	100	38-144	
Bromomethane	20.0	19.3	97	10-150	
4-Methyl-2-pentanone (MIBK)	100	99.9	100	78-125	
Carbon disulfide	20.0	21.0 J	105	64-138	
Carbon tetrachloride	20.0	20.2	101	56-131	
Chlorobenzene	20.0	19.7	99	80-119	
Chloroethane	20.0	18.2	91	29-150	
2-Chloroethyl vinyl ether	20.0	19.9 J	99	29-148	
Chloroform	20.0	20.5	102	78-125	
Chloromethane	20.0	20.7	104	38-150	
cis-1,3-Dichloropropene	20.0	20.6	103	74-125	
Dibromochloromethane	20.0	20.9 J	104	58-130	
Dibromomethane	20.0	20.0	100	72-122	
1,2-Dibromo-3-Chloropropane	20.0	21.0	105	41-143	
1,2-Dichlorobenzene	20.0	20.3	101	79-122	
1,3-Dichlorobenzene	20.0	19.8	99	80-121	
1,4-Dichlorobenzene	20.0	19.6	98	80-118	
Dichlorodifluoromethane	20.0	21.7	108	31-150	
1,1-Dichloroethane	20.0	20.4	102	73-130	
1,2-Dichloroethane	20.0	19.9	100	75-121	
1,1-Dichloroethene	20.0	20.0	100	68-133	
1,2-Dichloroethene, Total	40.0	38.9	97	77-122	
1,2-Dichloropropane	20.0	20.7	104	76-126	
Ethylbenzene	20.0	21.0	105	78-120	
2-Butanone (MEK)	100	86.8	87	69-128	
Methylene Chloride	20.0	19.2	96	74-127	
Methyl methacrylate	40.0	41.7 J	104	50-133	
m&p-Xylene	20.0	21.3	106	78-123	
o-Xylene	20.0	20.5	102	78-122	
Styrene	20.0	21.5	108	75-127	
1,1,1,2-Tetrachloroethane	20.0	20.5	103	63-129	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	63-139	
Tetrachloroethene	20.0	19.7	98	70-127	
trans-1,2-Dichloroethene	20.0	19.2	96	74-126	
trans-1,3-Dichloropropene	20.0	19.4	97	66-127	
1,1,1-Trichloroethane	20.0	19.8	99	68-128	
1,1,2-Trichloroethane	20.0	20.8	104	74-125	

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.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT130821.D
 Lab ID: LCS 460-728944/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	18.9	94	71-121	
1,2,3-Trichloropropane	20.0	21.2	106	64-127	
Toluene	20.0	20.2	101	78-119	
Vinyl acetate	40.0	52.7	132	55-142	
Vinyl chloride	20.0	21.5	108	61-144	
Xylenes, Total	40.0	41.8	104	78-122	
2-Hexanone	100	98.4	98	74-127	
cis-1,2-Dichloroethene	20.0	19.7	99	78-121	
1,2-Dibromoethane	20.0	20.5	102	69-126	
Ethyl methacrylate	20.0	21.3	106	56-131	
Iodomethane	20.0	20.6	103	10-150	
trans-1,4-Dichloro-2-butene	20.0	21.5	107	45-132	
Methacrylonitrile	200	207	103	63-136	

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.: 460-219430-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT131035.D

Lab ID: LCS 460-729856/3

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	100	93.7	94	61-134	
Acetonitrile	200	249	124	29-150	
Benzene	20.0	21.1	105	78-126	
Benzyl chloride	20.0	22.5	113	16-150	
Bromodichloromethane	20.0	20.2 J	101	72-121	
Bromoform	20.0	19.9	100	38-144	
Bromomethane	20.0	21.8	109	10-150	
4-Methyl-2-pentanone (MIBK)	100	104	104	78-125	
Carbon disulfide	20.0	21.1 J	105	64-138	
Carbon tetrachloride	20.0	21.1	106	56-131	
Chlorobenzene	20.0	20.7	103	80-119	
Chloroethane	20.0	20.5	102	29-150	
2-Chloroethyl vinyl ether	20.0	19.2 J	96	29-148	
Chloroform	20.0	21.7	108	78-125	
Chloromethane	20.0	20.0	100	38-150	
cis-1,3-Dichloropropene	20.0	20.6	103	74-125	
Dibromochloromethane	20.0	20.7 J	103	58-130	
Dibromomethane	20.0	21.1	106	72-122	
1,2-Dibromo-3-Chloropropane	20.0	20.1	101	41-143	
1,2-Dichlorobenzene	20.0	21.0	105	79-122	
1,3-Dichlorobenzene	20.0	20.6	103	80-121	
1,4-Dichlorobenzene	20.0	20.6	103	80-118	
Dichlorodifluoromethane	20.0	19.6	98	31-150	
1,1-Dichloroethane	20.0	21.5	108	73-130	
1,2-Dichloroethane	20.0	20.3	101	75-121	
1,1-Dichloroethene	20.0	21.0	105	68-133	
1,2-Dichloroethene, Total	40.0	43.2	108	77-122	
1,2-Dichloropropane	20.0	21.4	107	76-126	
Ethylbenzene	20.0	22.1	110	78-120	
2-Butanone (MEK)	100	96.3	96	69-128	
Methylene Chloride	20.0	20.1	101	74-127	
Methyl methacrylate	40.0	41.0 J	103	50-133	
m&p-Xylene	20.0	22.3	112	78-123	
o-Xylene	20.0	21.2	106	78-122	
Styrene	20.0	22.1	111	75-127	
1,1,1,2-Tetrachloroethane	20.0	20.9	104	63-129	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	63-139	
Tetrachloroethene	20.0	21.1	105	70-127	
trans-1,2-Dichloroethene	20.0	21.7	109	74-126	
trans-1,3-Dichloropropene	20.0	19.1	95	66-127	
1,1,1-Trichloroethane	20.0	21.1	105	68-128	
1,1,2-Trichloroethane	20.0	19.8	99	74-125	

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.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT131035.D
 Lab ID: LCS 460-729856/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Trichloroethene	20.0	19.8	99	71-121	
1,2,3-Trichloropropane	20.0	19.6	98	64-127	
Toluene	20.0	20.9	105	78-119	
Vinyl acetate	40.0	52.9	132	55-142	
Vinyl chloride	20.0	20.2	101	61-144	
Xylenes, Total	40.0	43.5	109	78-122	
2-Hexanone	100	97.1	97	74-127	
cis-1,2-Dichloroethene	20.0	21.5	108	78-121	
1,2-Dibromoethane	20.0	20.1	100	69-126	
Ethyl methacrylate	20.0	19.9	99	56-131	
Iodomethane	20.0	22.1	110	10-150	
trans-1,4-Dichloro-2-butene	20.0	18.6	93	45-132	
Methacrylonitrile	200	207	104	63-136	

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.: 460-219430-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT130822.D

Lab ID: LCSD 460-728944/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	90.1	90	8	30	61-134	
Acetonitrile	200	261	131	8	30	29-150	
Benzene	20.0	21.0	105	6	30	78-126	
Benzyl chloride	20.0	25.3	127	7	30	16-150	
Bromodichloromethane	20.0	21.4 J	107	8	30	72-121	
Bromoform	20.0	21.2	106	6	30	38-144	
Bromomethane	20.0	21.8	109	12	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	109	109	9	30	78-125	
Carbon disulfide	20.0	21.5 J	108	3	30	64-138	
Carbon tetrachloride	20.0	21.3	106	5	30	56-131	
Chlorobenzene	20.0	21.2	106	7	30	80-119	
Chloroethane	20.0	19.8	99	8	30	29-150	
2-Chloroethyl vinyl ether	20.0	21.1	105	6	30	29-148	
Chloroform	20.0	21.6	108	6	30	78-125	
Chloromethane	20.0	21.1	106	2	30	38-150	
cis-1,3-Dichloropropene	20.0	21.9	110	6	30	74-125	
Dibromochloromethane	20.0	21.5 J	108	3	30	58-130	
Dibromomethane	20.0	20.7	104	4	30	72-122	
1,2-Dibromo-3-Chloropropane	20.0	21.5	108	3	30	41-143	
1,2-Dichlorobenzene	20.0	22.4	112	10	30	79-122	
1,3-Dichlorobenzene	20.0	21.7	108	9	30	80-121	
1,4-Dichlorobenzene	20.0	22.0	110	11	30	80-118	
Dichlorodifluoromethane	20.0	23.5	117	8	30	31-150	
1,1-Dichloroethane	20.0	21.3	107	5	30	73-130	
1,2-Dichloroethane	20.0	21.4	107	7	30	75-121	
1,1-Dichloroethene	20.0	21.3	107	6	30	68-133	
1,2-Dichloroethene, Total	40.0	41.8	104	7	30	77-122	
1,2-Dichloropropane	20.0	22.4	112	7	30	76-126	
Ethylbenzene	20.0	23.0	115	9	30	78-120	
2-Butanone (MEK)	100	96.0	96	10	30	69-128	
Methylene Chloride	20.0	19.4	97	1	30	74-127	
Methyl methacrylate	40.0	43.1 J	108	3	30	50-133	
m&p-Xylene	20.0	22.8	114	7	30	78-123	
o-Xylene	20.0	22.2	111	8	30	78-122	
Styrene	20.0	23.5	118	9	30	75-127	
1,1,1,2-Tetrachloroethane	20.0	21.8	109	6	30	63-129	
1,1,2,2-Tetrachloroethane	20.0	22.1	110	9	30	63-139	
Tetrachloroethene	20.0	21.0	105	7	30	70-127	
trans-1,2-Dichloroethene	20.0	20.8	104	8	30	74-126	
trans-1,3-Dichloropropene	20.0	21.1	106	8	30	66-127	
1,1,1-Trichloroethane	20.0	21.2	106	7	30	68-128	
1,1,2-Trichloroethane	20.0	21.1	106	2	30	74-125	

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.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT130822.D
 Lab ID: LCSD 460-728944/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	20.1	100	6	30	71-121	
1,2,3-Trichloropropane	20.0	23.0	115	8	30	64-127	
Toluene	20.0	21.4	107	5	30	78-119	
Vinyl acetate	40.0	56.7	142	7	30	55-142	
Vinyl chloride	20.0	21.8	109	1	30	61-144	
Xylenes, Total	40.0	45.0	113	8	30	78-122	
2-Hexanone	100	105	105	7	30	74-127	
cis-1,2-Dichloroethene	20.0	21.0	105	7	30	78-121	
1,2-Dibromoethane	20.0	21.4	107	4	30	69-126	
Ethyl methacrylate	20.0	22.2	111	4	30	56-131	
Iodomethane	20.0	21.3	106	3	30	10-150	
trans-1,4-Dichloro-2-butene	20.0	23.9	120	11	30	45-132	
Methacrylonitrile	200	220	110	6	30	63-136	

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.: 460-219430-1

SDG No.: _____

Matrix: Water Level: Low

Lab File ID: TT131036.D

Lab ID: LCSD 460-729856/4

Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Acetone	100	86.1	86	8	30	61-134	
Acetonitrile	200	219	109	13	30	29-150	
Benzene	20.0	19.5	97	8	30	78-126	
Benzyl chloride	20.0	22.6	113	0	30	16-150	
Bromodichloromethane	20.0	18.7 J	94	8	30	72-121	
Bromoform	20.0	20.3	102	2	30	38-144	
Bromomethane	20.0	18.7	93	15	30	10-150	
4-Methyl-2-pentanone (MIBK)	100	97.9	98	6	30	78-125	
Carbon disulfide	20.0	18.1 J	91	15	30	64-138	
Carbon tetrachloride	20.0	18.6	93	13	30	56-131	
Chlorobenzene	20.0	20.1	101	3	30	80-119	
Chloroethane	20.0	16.4	82	22	30	29-150	
2-Chloroethyl vinyl ether	20.0	19.6 J	98	2	30	29-148	
Chloroform	20.0	19.7	99	10	30	78-125	
Chloromethane	20.0	17.9	89	11	30	38-150	
cis-1,3-Dichloropropene	20.0	20.7	103	0	30	74-125	
Dibromochloromethane	20.0	20.1 J	101	3	30	58-130	
Dibromomethane	20.0	19.7	98	7	30	72-122	
1,2-Dibromo-3-Chloropropane	20.0	20.3	102	1	30	41-143	
1,2-Dichlorobenzene	20.0	20.6	103	2	30	79-122	
1,3-Dichlorobenzene	20.0	19.6	98	5	30	80-121	
1,4-Dichlorobenzene	20.0	19.9	100	3	30	80-118	
Dichlorodifluoromethane	20.0	15.6	78	23	30	31-150	
1,1-Dichloroethane	20.0	19.5	97	10	30	73-130	
1,2-Dichloroethane	20.0	19.8	99	2	30	75-121	
1,1-Dichloroethene	20.0	17.7	89	17	30	68-133	
1,2-Dichloroethene, Total	40.0	38.5	96	12	30	77-122	
1,2-Dichloropropane	20.0	20.1	100	6	30	76-126	
Ethylbenzene	20.0	20.3	101	8	30	78-120	
2-Butanone (MEK)	100	93.9	94	3	30	69-128	
Methylene Chloride	20.0	18.4	92	9	30	74-127	
Methyl methacrylate	40.0	41.7 J	104	1	30	50-133	
m&p-Xylene	20.0	21.1	105	6	30	78-123	
o-Xylene	20.0	20.5	102	4	30	78-122	
Styrene	20.0	21.4	107	3	30	75-127	
1,1,1,2-Tetrachloroethane	20.0	20.4	102	2	30	63-129	
1,1,2,2-Tetrachloroethane	20.0	19.4	97	2	30	63-139	
Tetrachloroethene	20.0	18.7	93	12	30	70-127	
trans-1,2-Dichloroethene	20.0	18.7	94	15	30	74-126	
trans-1,3-Dichloropropene	20.0	19.1	95	0	30	66-127	
1,1,1-Trichloroethane	20.0	18.2	91	14	30	68-128	
1,1,2-Trichloroethane	20.0	20.1	100	1	30	74-125	

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.: 460-219430-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: TT131036.D
 Lab ID: LCSD 460-729856/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Trichloroethene	20.0	17.8	89	11	30	71-121	
1,2,3-Trichloropropane	20.0	21.5	107	9	30	64-127	
Toluene	20.0	19.4	97	8	30	78-119	
Vinyl acetate	40.0	51.1	128	3	30	55-142	
Vinyl chloride	20.0	17.4	87	15	30	61-144	
Xylenes, Total	40.0	41.6	104	5	30	78-122	
2-Hexanone	100	93.4	93	4	30	74-127	
cis-1,2-Dichloroethene	20.0	19.8	99	9	30	78-121	
1,2-Dibromoethane	20.0	20.3	101	1	30	69-126	
Ethyl methacrylate	20.0	20.6	103	4	30	56-131	
Iodomethane	20.0	19.8	99	11	30	10-150	
trans-1,4-Dichloro-2-butene	20.0	19.9	100	7	30	45-132	
Methacrylonitrile	200	206	103	1	30	63-136	

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.: 460-219430-1
SDG No.: _____
Lab File ID: TT130825.D Lab Sample ID: MB 460-728944/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS17 Date Analyzed: 10/04/2020 08:22
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-728944/3	TT130821.D	10/04/2020 06:59
	LCSD 460-728944/4	TT130822.D	10/04/2020 07:19
GT-1R	460-219430-1	TT130827.D	10/04/2020 09:03
GT-2R	460-219430-2	TT130828.D	10/04/2020 09:24
GT-3	460-219430-3	TT130829.D	10/04/2020 09:45
GT-4	460-219430-4	TT130830.D	10/04/2020 10:06
GT-5	460-219430-5	TT130831.D	10/04/2020 10:27
GW-DUP	460-219430-6	TT130832.D	10/04/2020 10:48

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab File ID: TT131039.D Lab Sample ID: MB 460-729856/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS17 Date Analyzed: 10/07/2020 20:04
GC Column: DB-624 ID: 0.18 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-729856/3	TT131035.D	10/07/2020 18:28
	LCSD 460-729856/4	TT131036.D	10/07/2020 19:01
Trip Blank	460-219430-7	TT131040.D	10/07/2020 20:26

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab File ID: TT130784.D BFB Injection Date: 10/03/2020
Instrument ID: CVOAMS17 BFB Injection Time: 11:00
Analysis Batch No.: 728741

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	18.0
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	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	91.6
175	5.0 - 9.0 % of mass 174	7.2 (7.9) 1
176	95.0 - 101.0 % of mass 174	89.6 (97.8) 1
177	5.0 - 9.0 % of mass 176	5.8 (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
	STD8 460-728741/3	TT130786.D	10/03/2020	11:44
	STD05 460-728741/4	TT130787.D	10/03/2020	12:05
	STD1 460-728741/5	TT130788.D	10/03/2020	12:26
	STD5 460-728741/6	TT130789.D	10/03/2020	12:47
	STD20 460-728741/7	TT130790.D	10/03/2020	13:08
	STD50 460-728741/8	TT130791.D	10/03/2020	13:29
	STD200 460-728741/9	TT130792.D	10/03/2020	13:51
	STD500 460-728741/10	TT130793.D	10/03/2020	14:12
	ICV 460-728741/13	TT130796.D	10/03/2020	15:15

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab File ID: TT130819a.D BFB Injection Date: 10/04/2020
Instrument ID: CVOAMS17 BFB Injection Time: 06:13
Analysis Batch No.: 728944

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.1
75	30.0 - 60.0 % of mass 95	50.3
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	92.2
175	5.0 - 9.0 % of mass 174	6.6 (7.2) 1
176	95.0 - 101.0 % of mass 174	88.9 (96.4) 1
177	5.0 - 9.0 % of mass 176	5.6 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-728944/2	TT130820.D	10/04/2020	6:33
	LCS 460-728944/3	TT130821.D	10/04/2020	6:59
	LCSD 460-728944/4	TT130822.D	10/04/2020	7:19
	MB 460-728944/7	TT130825.D	10/04/2020	8:22
GT-1R	460-219430-1	TT130827.D	10/04/2020	9:03
GT-2R	460-219430-2	TT130828.D	10/04/2020	9:24
GT-3	460-219430-3	TT130829.D	10/04/2020	9:45
GT-4	460-219430-4	TT130830.D	10/04/2020	10:06
GT-5	460-219430-5	TT130831.D	10/04/2020	10:27
GW-DUP	460-219430-6	TT130832.D	10/04/2020	10:48

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab File ID: TT131033.D BFB Injection Date: 10/07/2020
 Instrument ID: CVOAMS17 BFB Injection Time: 17:46
 Analysis Batch No.: 729856

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.3
75	30.0 - 60.0 % of mass 95	50.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.8
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	Greater than 50% of mass 95	96.7
175	5.0 - 9.0 % of mass 174	7.2 (7.4) 1
176	95.0 - 101.0 % of mass 174	91.9 (95.1) 1
177	5.0 - 9.0 % of mass 176	6.5 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-729856/2	TT131034.D	10/07/2020	18:08
	LCS 460-729856/3	TT131035.D	10/07/2020	18:28
	LCSD 460-729856/4	TT131036.D	10/07/2020	19:01
	MB 460-729856/7	TT131039.D	10/07/2020	20:04
Trip Blank	460-219430-7	TT131040.D	10/07/2020	20:26

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Sample No.: STD20 460-728741/7 Date Analyzed: 10/03/2020 13:08
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT130790.D Heated Purge: (Y/N) N
 Calibration ID: 82212

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	51285	2.67	296949	3.61	632876	4.62	
UPPER LIMIT	102570	3.17	593898	4.11	1265752	5.12	
LOWER LIMIT	25643	2.17	148475	3.11	316438	4.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-728741/13		65936	2.65	396049	3.61	825710	4.62

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.: 460-219430-1
 SDG No.: _____
 Sample No.: STD20 460-728741/7 Date Analyzed: 10/03/2020 13:08
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT130790.D Heated Purge: (Y/N) N
 Calibration ID: 82212

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	33722	5.27	451065	7.93	268435	10.67	
UPPER LIMIT	67444	5.77	902130	8.43	536870	11.17	
LOWER LIMIT	16861	4.77	225533	7.43	134218	10.17	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-728741/13		39693	5.28	582638	7.93	343945	10.67

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Sample No.: CCVIS 460-728944/2 Date Analyzed: 10/04/2020 06:33
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT130820.D Heated Purge: (Y/N) N
 Calibration ID: 82212

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	49883	2.66	283284	3.61	598730	4.62	
UPPER LIMIT	99766	3.16	566568	4.11	1197460	5.12	
LOWER LIMIT	24942	2.16	141642	3.11	299365	4.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-728944/3		56361	2.67	318300	3.61	645787	4.62
LCSD 460-728944/4		49593	2.66	299168	3.61	635746	4.62
MB 460-728944/7		55305	2.66	305991	3.61	659532	4.62
460-219430-1	GT-1R	43763	2.66	256395	3.61	618720	4.62
460-219430-2	GT-2R	45461	2.65	259789	3.61	603111	4.62
460-219430-3	GT-3	43905	2.66	255666	3.61	604913	4.62
460-219430-4	GT-4	43567	2.67	258318	3.61	600043	4.62
460-219430-5	GT-5	49482	2.66	269023	3.61	602873	4.62
460-219430-6	GW-DUP	50492	2.67	259683	3.61	585374	4.62

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.: 460-219430-1
 SDG No.: _____
 Sample No.: CCVIS 460-728944/2 Date Analyzed: 10/04/2020 06:33
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT130820.D Heated Purge: (Y/N) N
 Calibration ID: 82212

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		30699	5.28	443279	7.92	265619	10.67
UPPER LIMIT		61398	5.78	886558	8.42	531238	11.17
LOWER LIMIT		15350	4.78	221640	7.42	132810	10.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-728944/3		34125	5.28	473381	7.92	282999	10.67
LCSD 460-728944/4		33682	5.28	462426	7.92	268211	10.67
MB 460-728944/7		33145	5.29	448017	7.92	270462	10.67
460-219430-1	GT-1R	28281	5.29	427638	7.93	263355	10.67
460-219430-2	GT-2R	26504	5.28	424929	7.92	263366	10.67
460-219430-3	GT-3	28009	5.28	419133	7.92	250857	10.67
460-219430-4	GT-4	27072	5.28	412585	7.93	251345	10.67
460-219430-5	GT-5	28325	5.28	423909	7.92	253662	10.67
460-219430-6	GW-DUP	27300	5.28	409075	7.93	253504	10.67

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Sample No.: CCVIS 460-729856/2 Date Analyzed: 10/07/2020 18:08
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT131034.D Heated Purge: (Y/N) N
 Calibration ID: 82212

	TBA _d 9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	44491	2.66	252795	3.61	556110	4.62	
UPPER LIMIT	88982	3.16	505590	4.11	1112220	5.12	
LOWER LIMIT	22246	2.16	126398	3.11	278055	4.12	
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-729856/3		45649	2.67	243162	3.62	545769	4.62
LCSD 460-729856/4		42532	2.67	273168	3.62	585387	4.62
MB 460-729856/7		47914	2.66	253049	3.61	571126	4.61
460-219430-7	Trip Blank	43858	2.66	243049	3.61	560593	4.62

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.: 460-219430-1
 SDG No.: _____
 Sample No.: CCVIS 460-729856/2 Date Analyzed: 10/07/2020 18:08
 Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): TT131034.D Heated Purge: (Y/N) N
 Calibration ID: 82212

	DXE		CBNZd5		DCBd4	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	28756	5.28	406013	7.93	242675	10.67
UPPER LIMIT	57512	5.78	812026	8.43	485350	11.17
LOWER LIMIT	14378	4.78	203007	7.43	121338	10.17
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-729856/3		28848	5.29	402852	7.93	242307
LCSD 460-729856/4		31940	5.29	421323	7.93	250556
MB 460-729856/7		27788	5.28	398519	7.92	239393
460-219430-7	Trip Blank	26800	5.28	392717	7.92	233979

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1R</u>	Lab Sample ID: <u>460-219430-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130827.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 22:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 09:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-1R</u>	Lab Sample ID: <u>460-219430-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130827.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 22:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 09:03</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	0.73	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D
 Lims ID: 460-219430-C-1
 Client ID: GT-1R
 Sample Type: Client
 Inject. Date: 04-Oct-2020 09:03:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-1
 Misc. Info.: 460-0117814-009
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:48:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	99	43763	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	256395	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	97	196712	51.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	234188	50.9	
* 66 Fluorobenzene	96	4.616	4.616	0.000	98	618720	50.0	
* 72 1,4-Dioxane-d8	96	5.286	5.280	0.006	87	28281	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	596119	51.2	
88 Tetrachloroethene	166	6.865	6.853	0.012	88	2635	0.7303	M
* 94 Chlorobenzene-d5	117	7.926	7.920	0.006	86	427638	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	210304	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	263355	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D

Injection Date: 04-Oct-2020 09:03:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-1

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID:

ALS Bottle#: 8 Worklist Smp#: 9

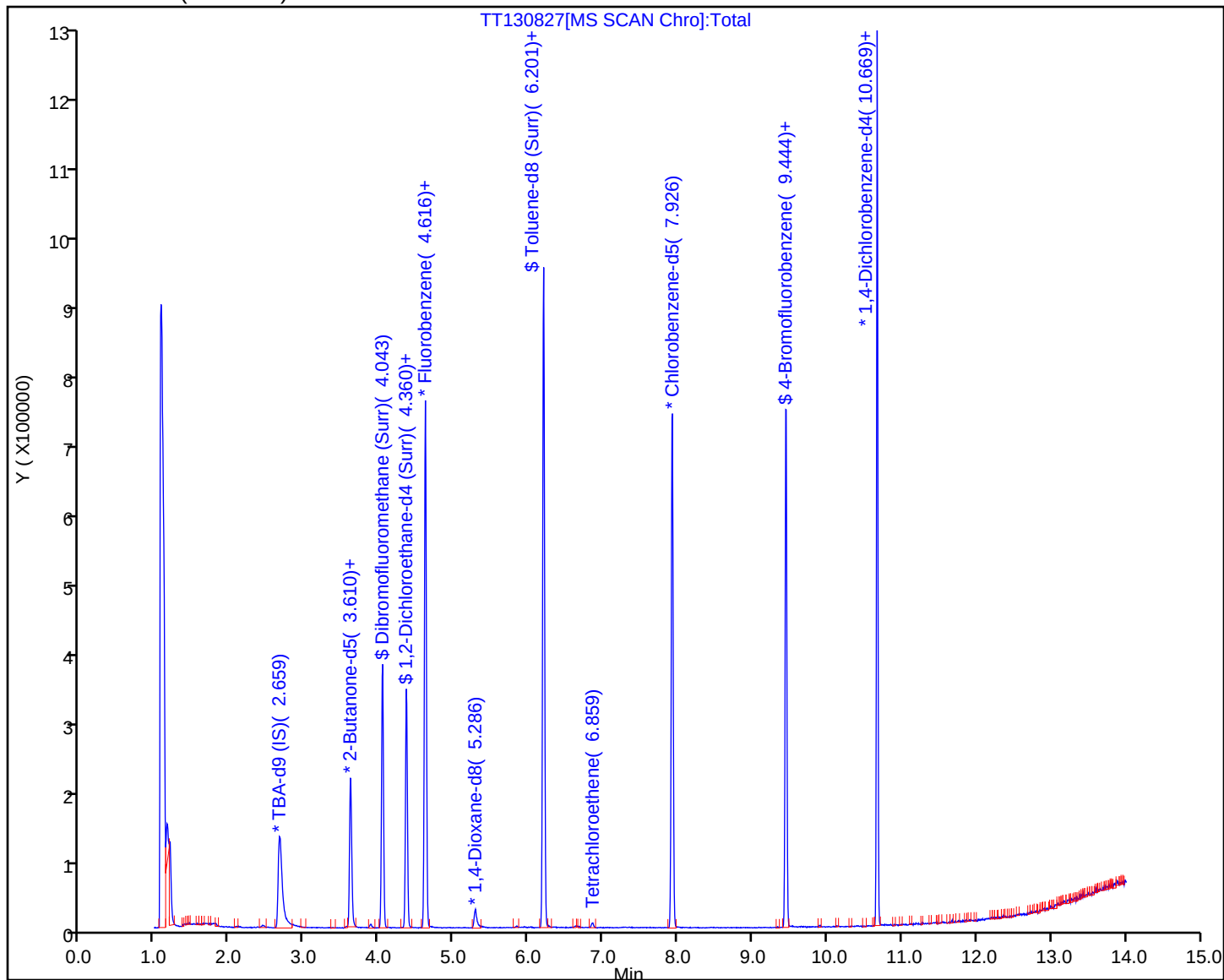
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D

Injection Date: 04-Oct-2020 09:03:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-1

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

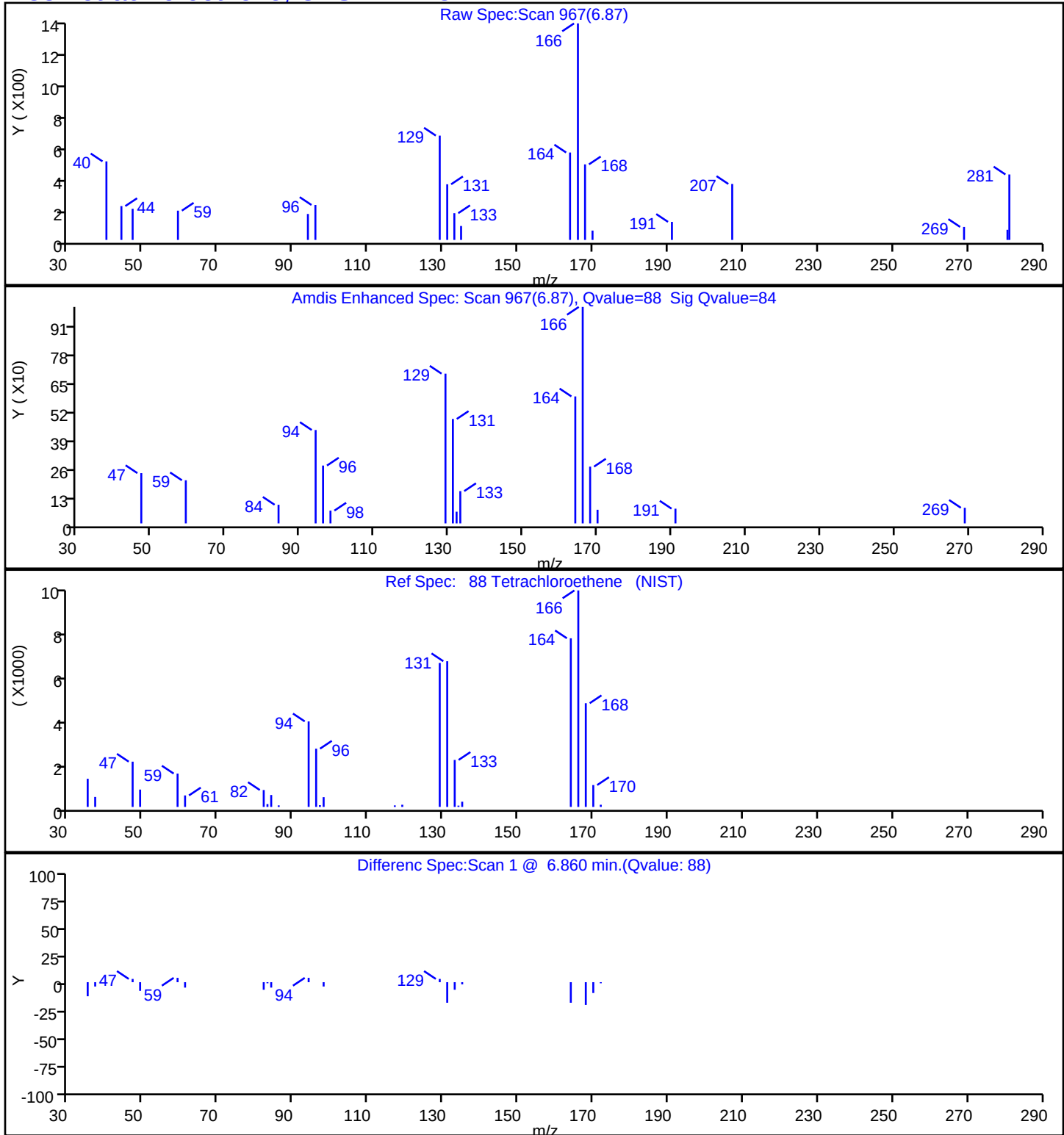
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D

Injection Date: 04-Oct-2020 09:03:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-1

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

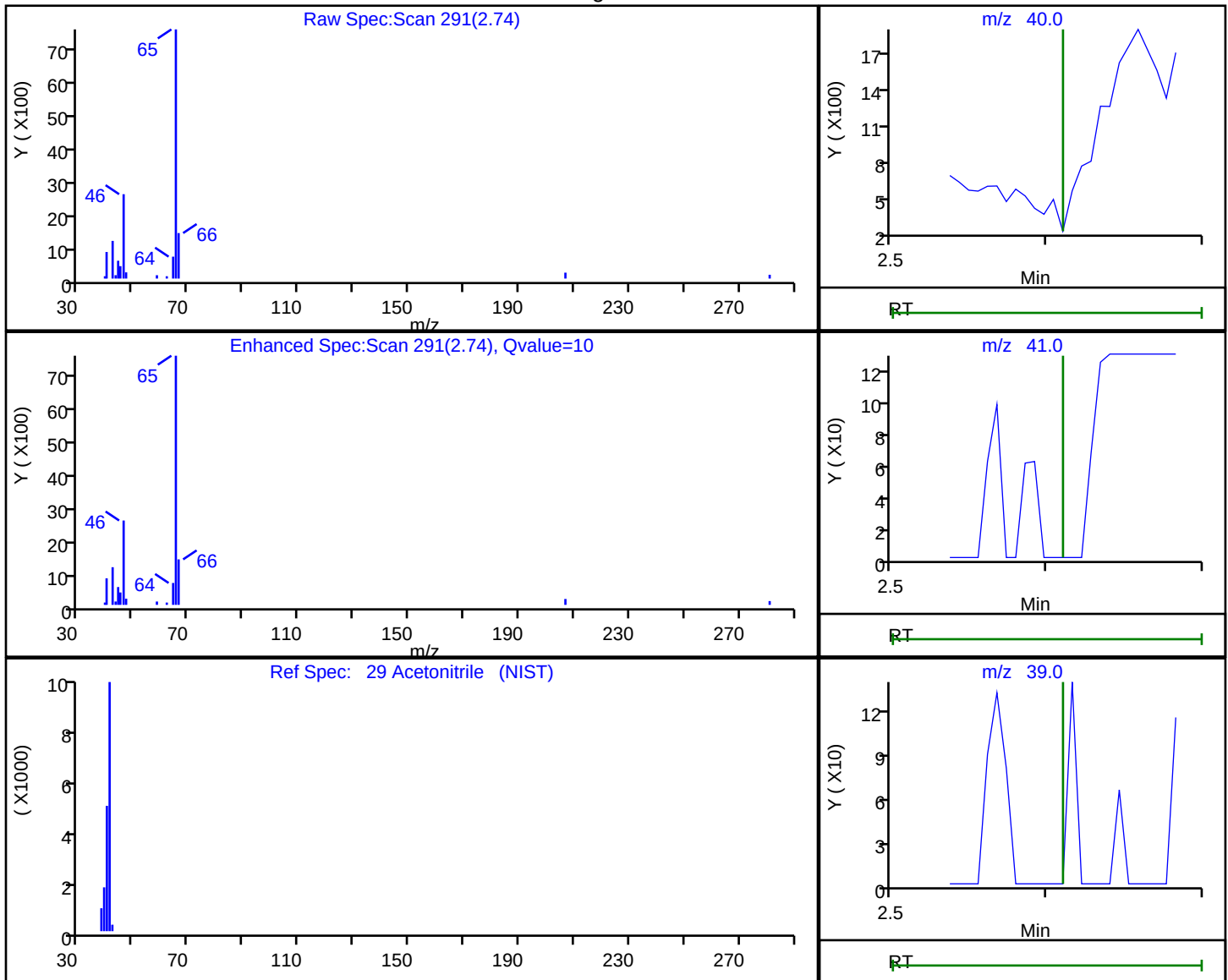
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.74	40.00	282	1.681749
2.74	41.00	23	
2.75	39.00	183	
2.75	38.00	122	

Reviewer: asfawa, 05-Oct-2020 08:48:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D

Injection Date: 04-Oct-2020 09:03:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-1

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

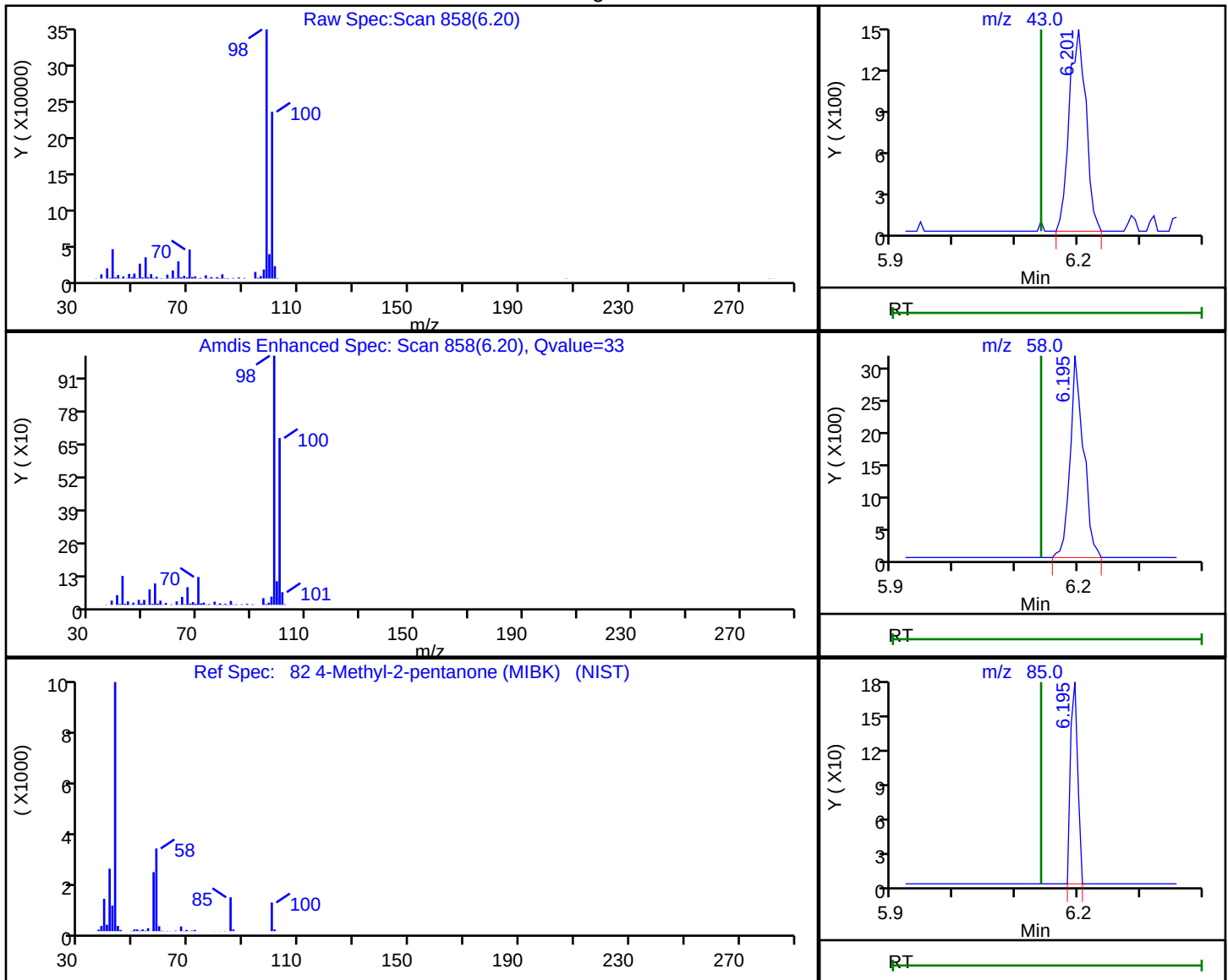
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.20	43.00	2783	1.271836
6.19	58.00	4631	
6.19	85.00	141	
6.20	100.00	402759	

Reviewer: asfawa, 05-Oct-2020 08:48:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D

Injection Date: 04-Oct-2020 09:03:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-1

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

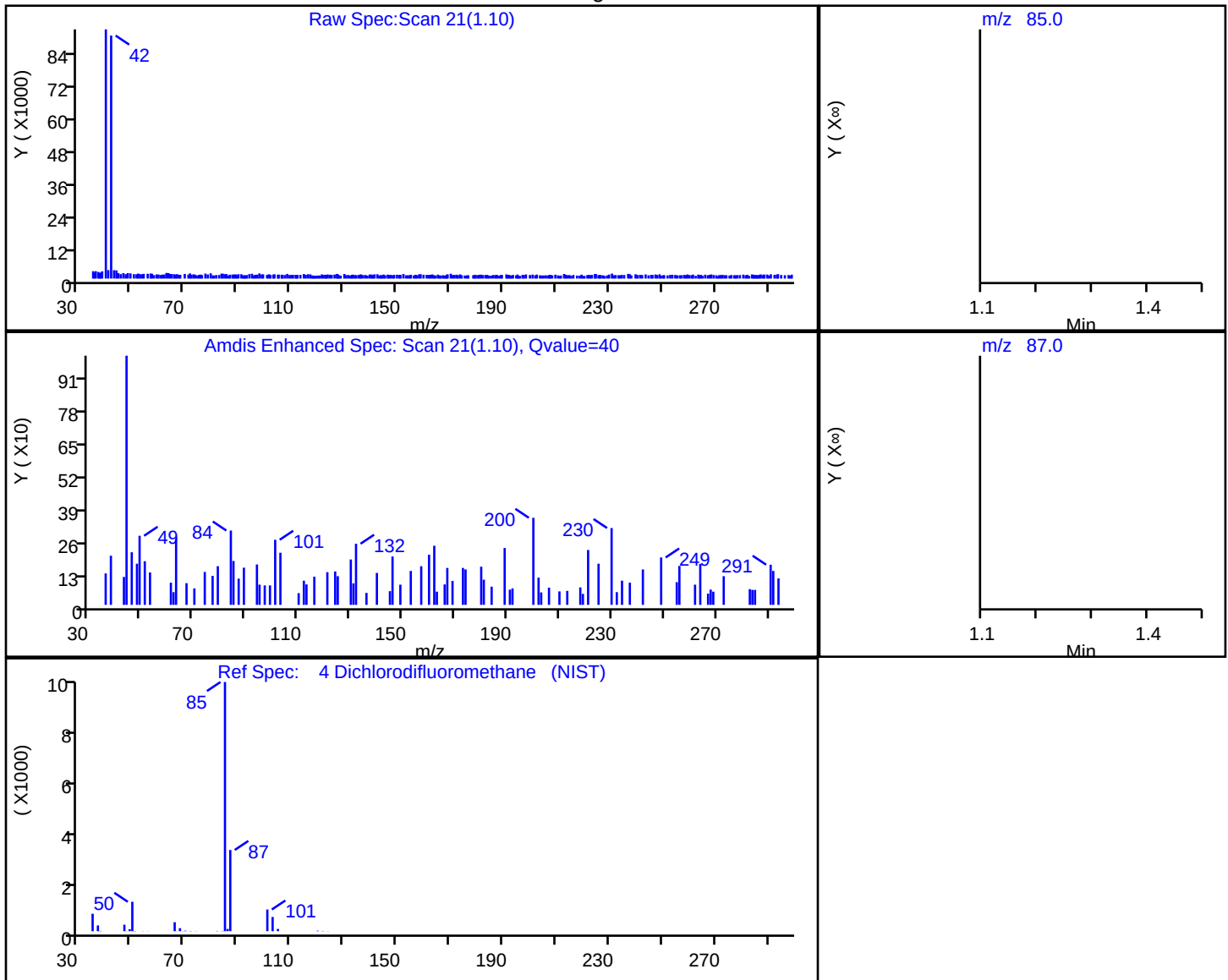
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.10	85.00	3374	0.510686
1.11	87.00	2931	

Reviewer: asfawa, 05-Oct-2020 08:48:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

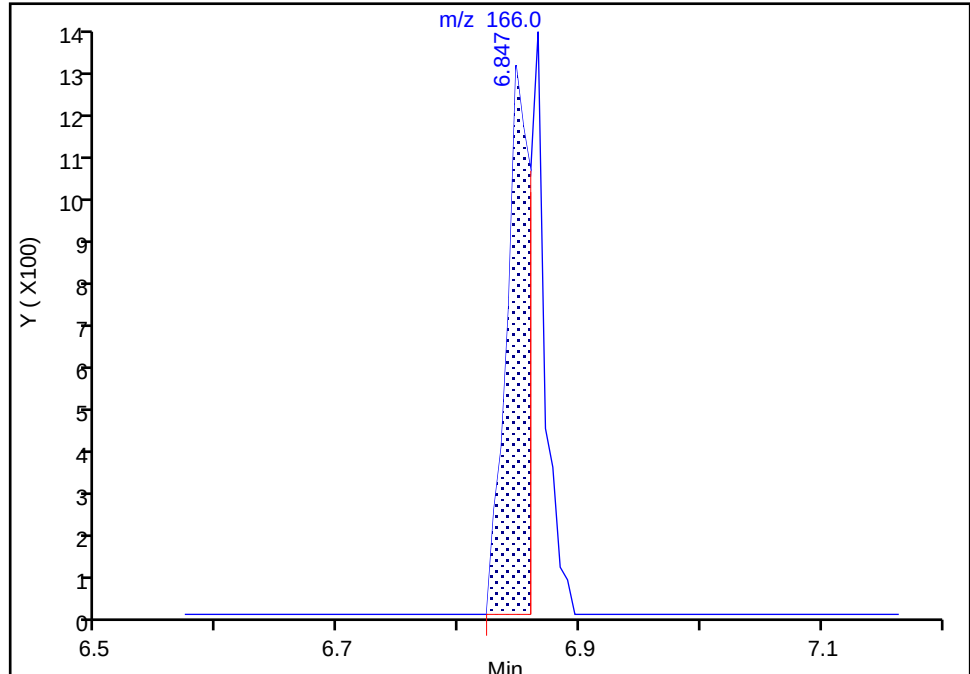
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D		
Injection Date:	04-Oct-2020 09:03:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-C-1	Lab Sample ID:	460-219430-1
Client ID:	GT-1R		
Operator ID:		ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	9

88 Tetrachloroethene, CAS: 127-18-4

Signal: 1

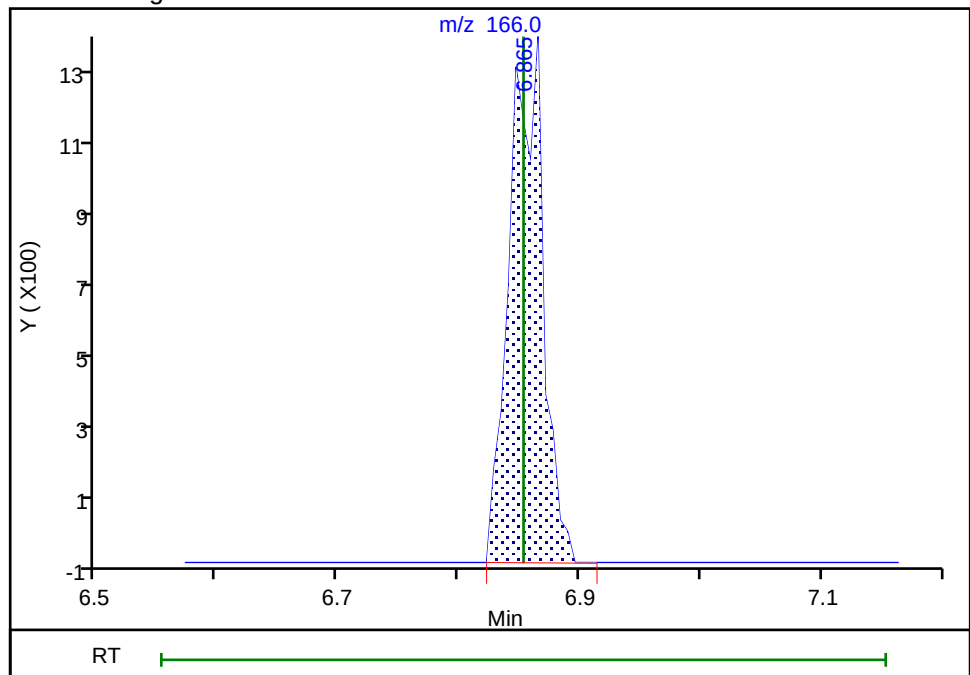
RT: 6.85
Area: 1772
Amount: 0.491127
Amount Units: ug/l

Processing Integration Results



RT: 6.87
Area: 2635
Amount: 0.730316
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:48:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

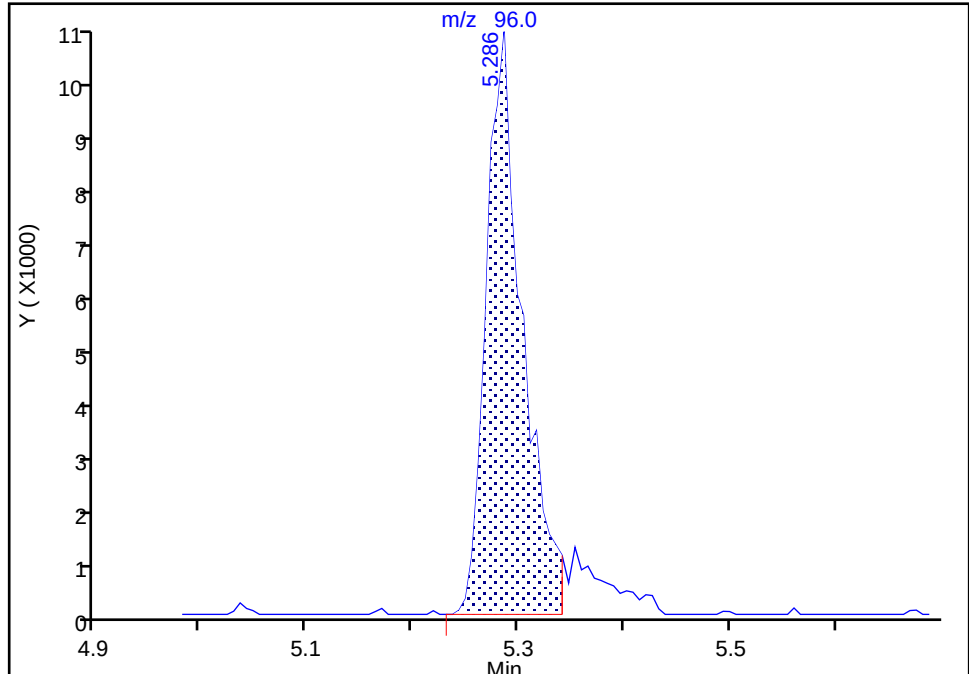
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130827.D		
Injection Date:	04-Oct-2020 09:03:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-C-1	Lab Sample ID:	460-219430-1
Client ID:	GT-1R		
Operator ID:		ALS Bottle#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	9

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

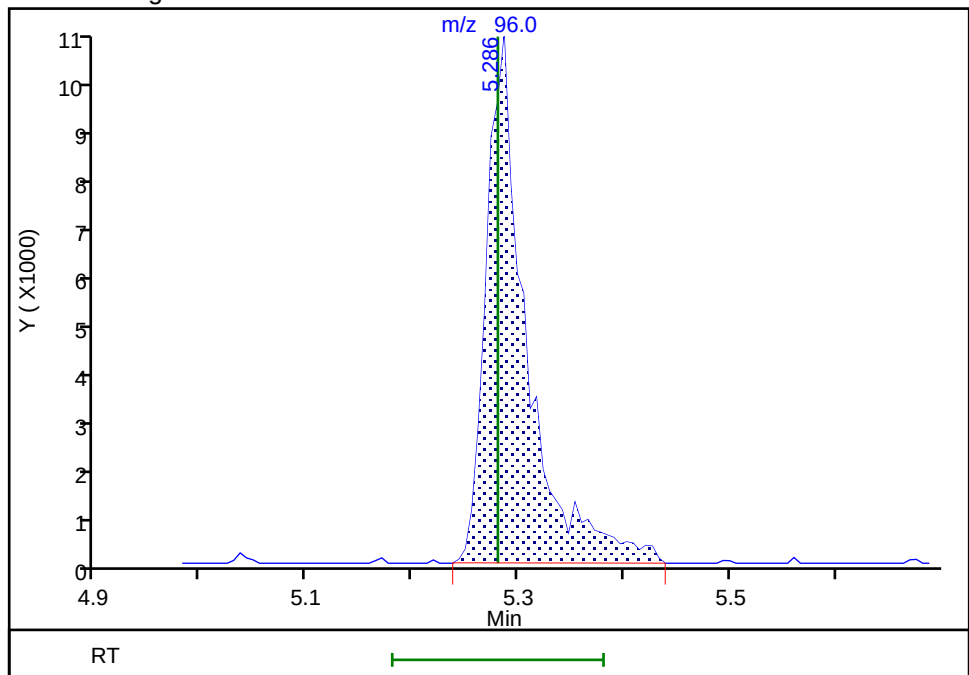
RT: 5.29
Area: 25357
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.29
Area: 28281
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:48:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-2R</u>	Lab Sample ID: <u>460-219430-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130828.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 18:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 09:24</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	7.2	J	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	2.6	J	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	0.76	J	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.30	J	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	1.1	J	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GT-2R Lab Sample ID: 460-219430-2
 Matrix: Water Lab File ID: TT130828.D
 Analysis Method: 8260C Date Collected: 09/25/2020 18:30
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 09:24
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D
 Lims ID: 460-219430-C-2
 Client ID: GT-2R
 Sample Type: Client
 Inject. Date: 04-Oct-2020 09:24:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-2
 Misc. Info.: 460-0117814-010
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1613

First Level Reviewer: parekhv

Date: 04-Oct-2020 14:46:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.440	1.434	0.006	98	3886	0.7638	M
22 Acetone	43	2.360	2.354	0.006	89	6585	7.22	
* 31 TBA-d9 (IS)	66	2.653	2.659	-0.006	98	45461	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	259789	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	190714	50.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	231711	51.7	
* 66 Fluorobenzene	96	4.616	4.616	0.000	98	603111	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	90	26504	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	595031	51.5	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	424929	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	21372	2.64	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	207801	50.2	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	263366	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	92	8990	1.15	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	92	2329	0.3031	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

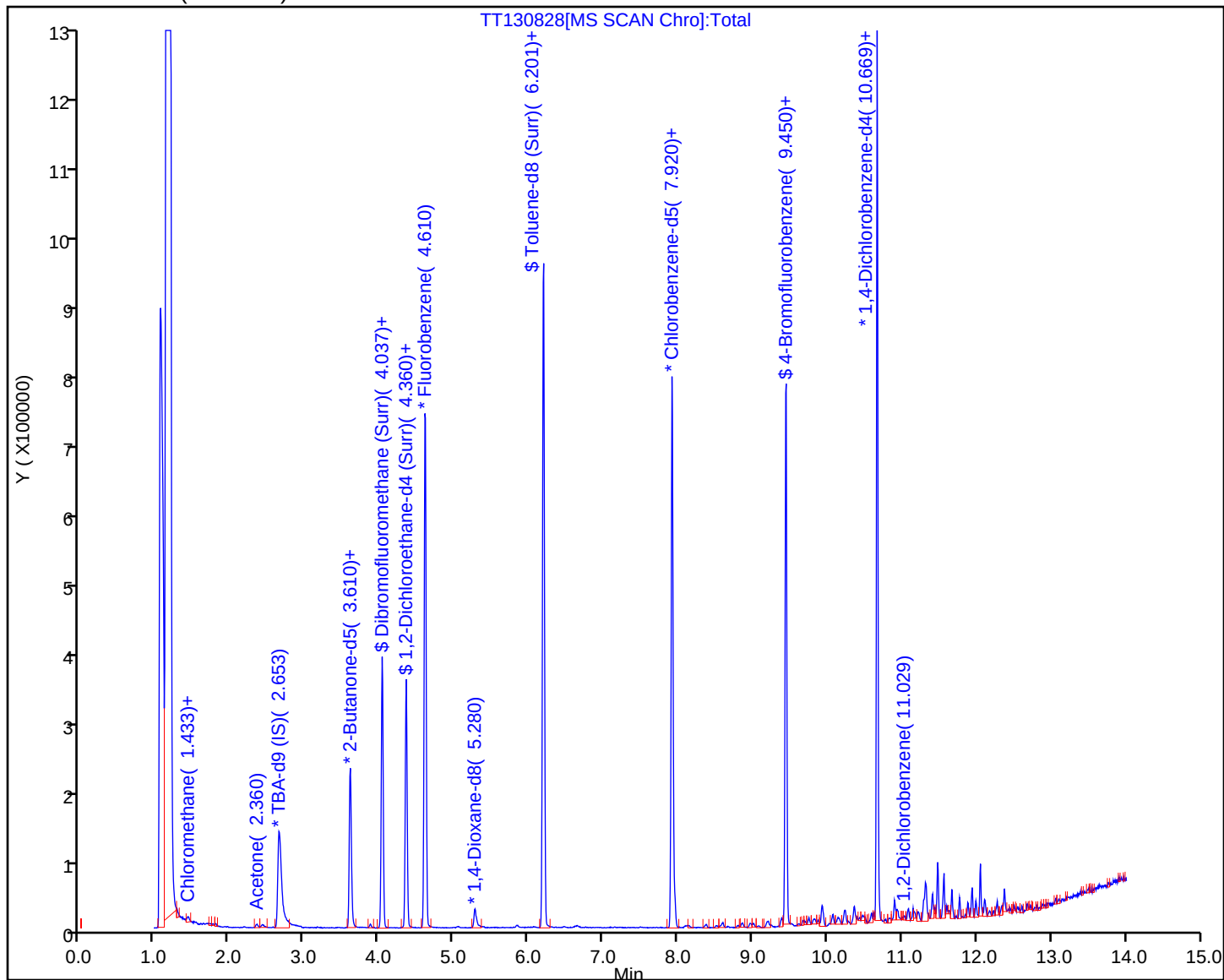
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

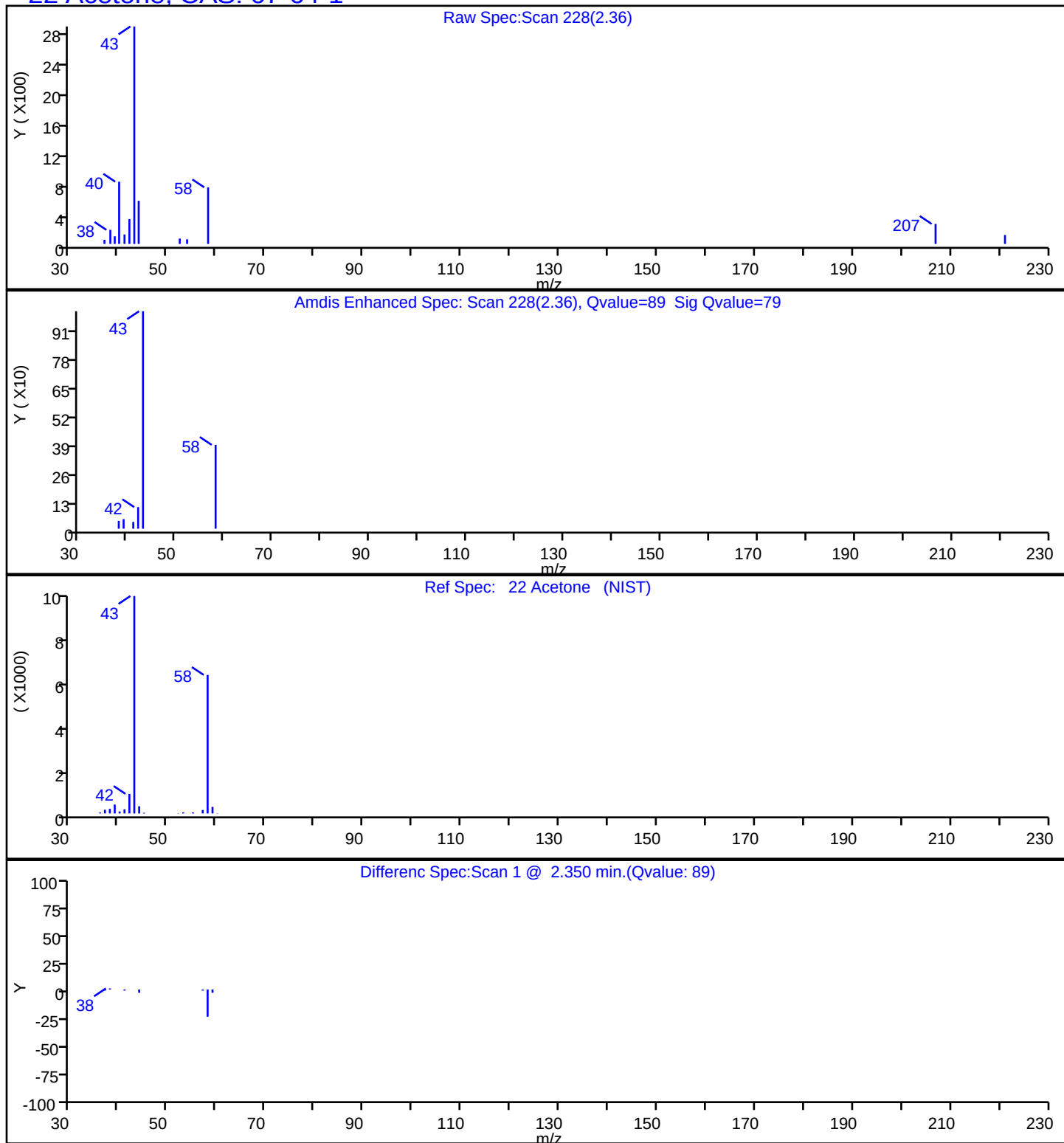
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

22 Acetone, CAS: 67-64-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

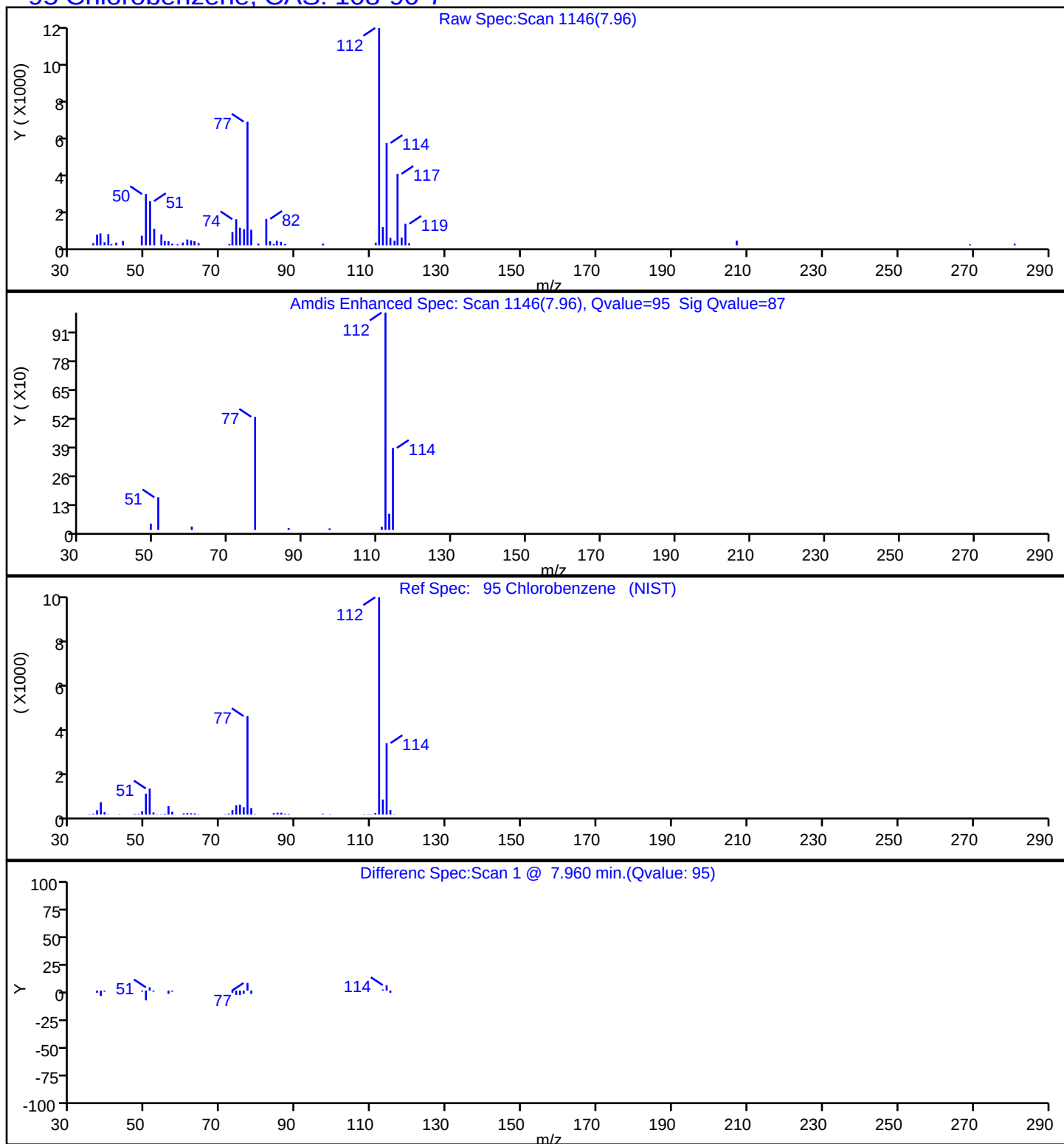
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

95 Chlorobenzene, CAS: 108-90-7

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL

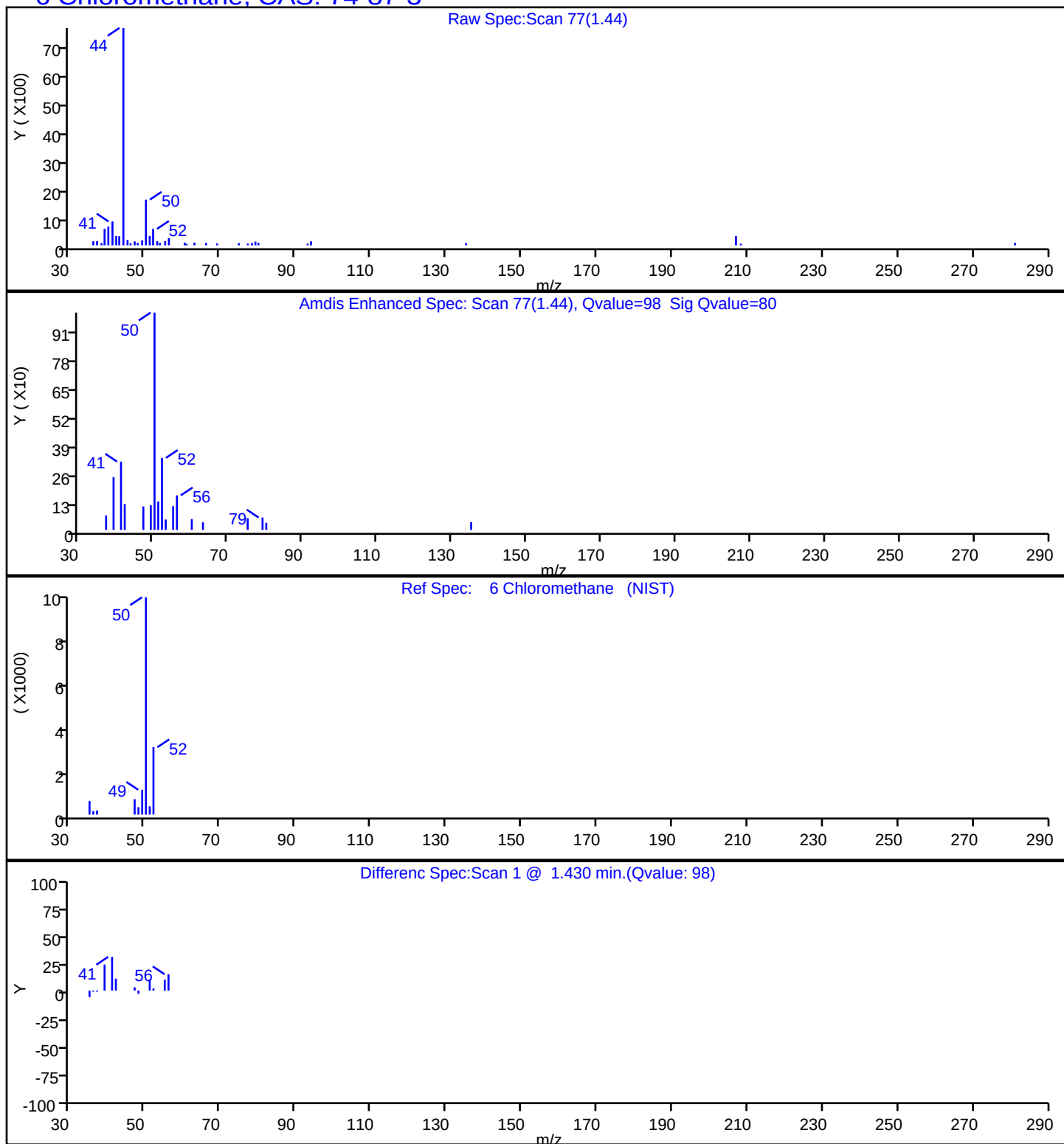
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Purge Vol: 5.000 mL

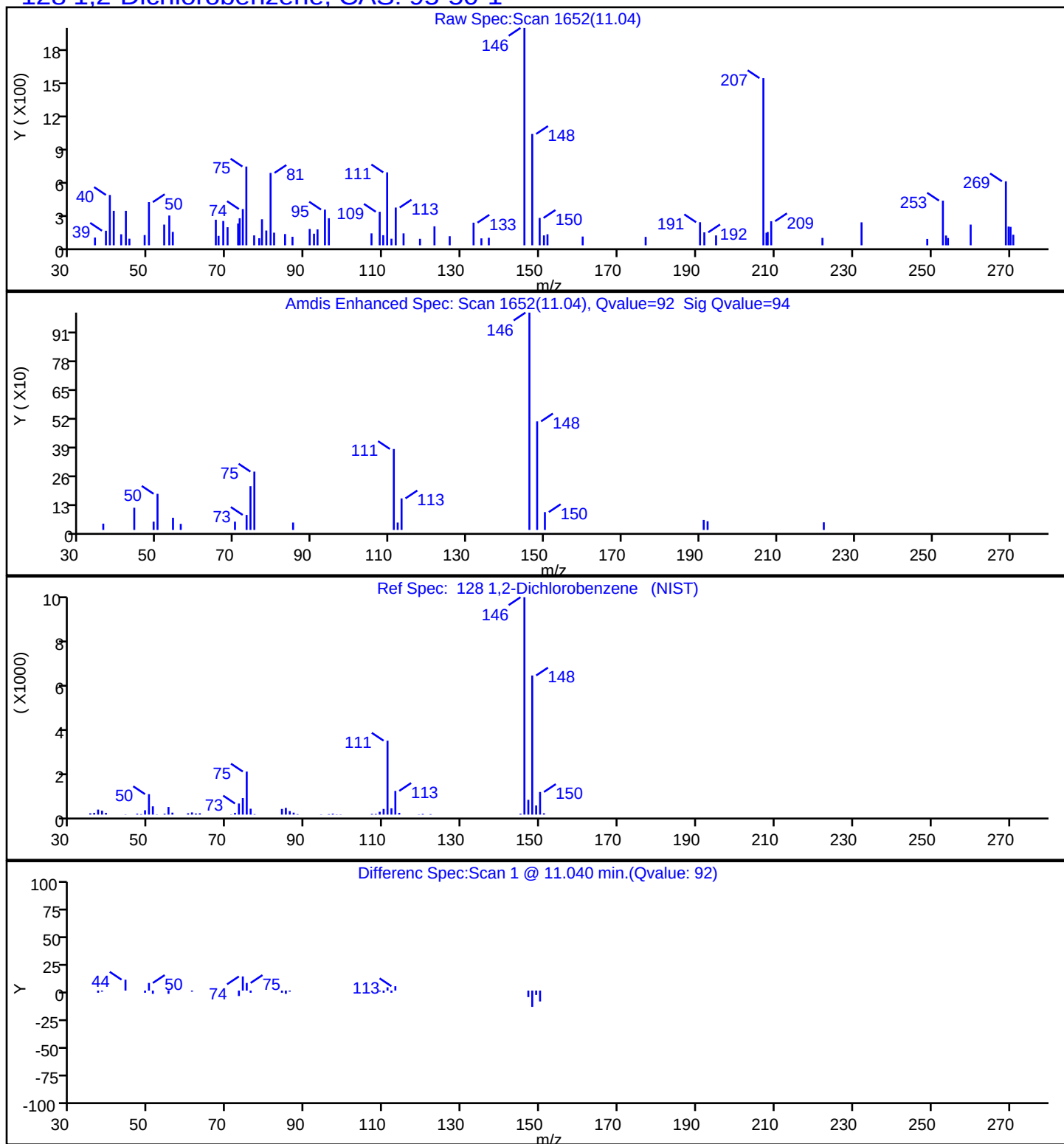
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

128 1,2-Dichlorobenzene, CAS: 95-50-1

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

Worklist Smp#: 10

Purge Vol: 5.000 mL

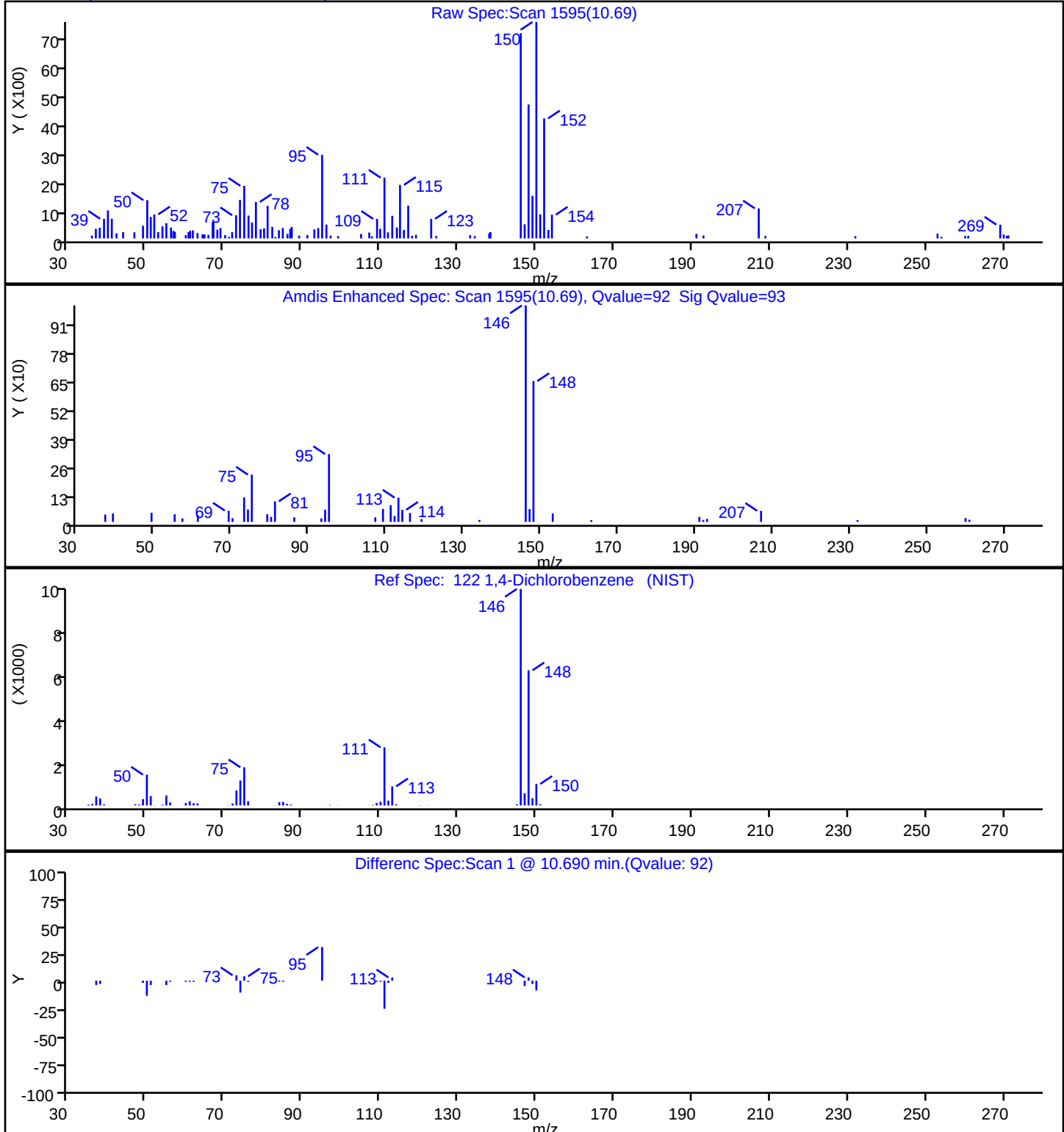
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

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

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

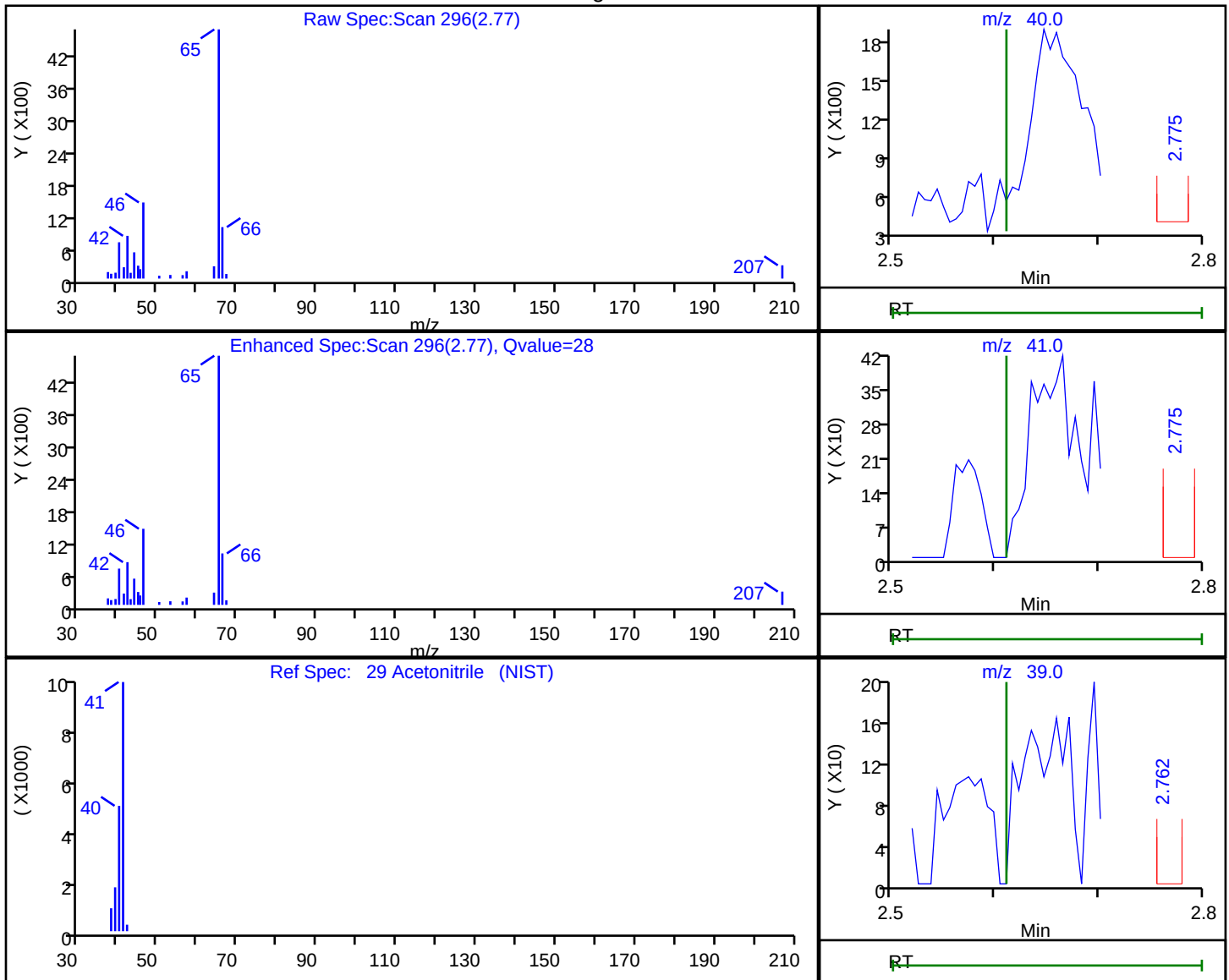
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.77	40.00	383	2.254237
2.77	41.00	327	
2.76	39.00	146	
2.78	38.00	72	

Reviewer: asfawa, 05-Oct-2020 08:49:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

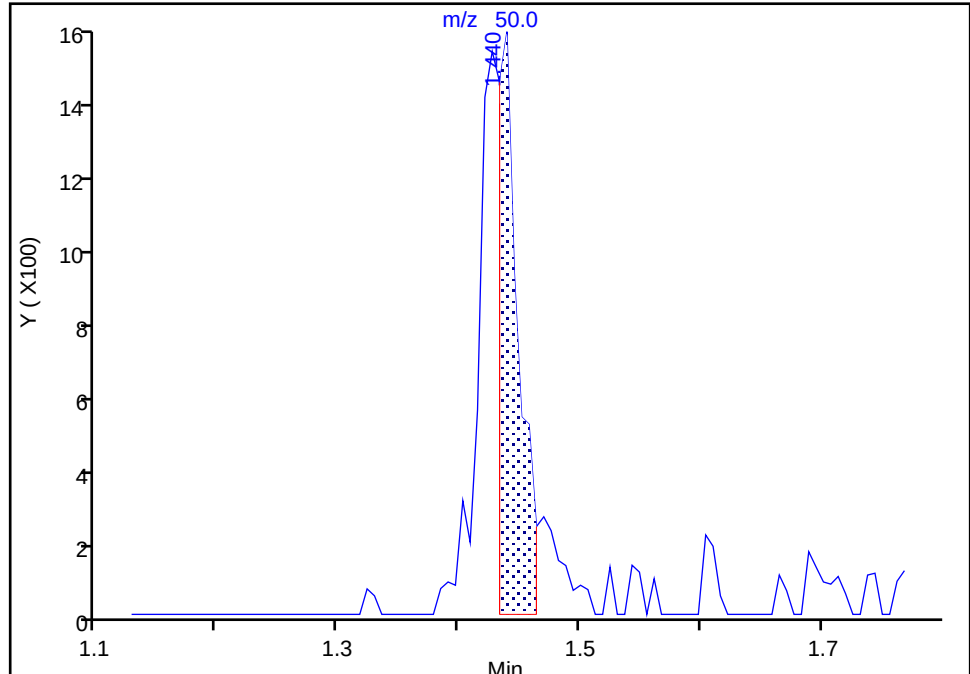
Detector: MS Quad

6 Chloromethane, CAS: 74-87-3

Signal: 1

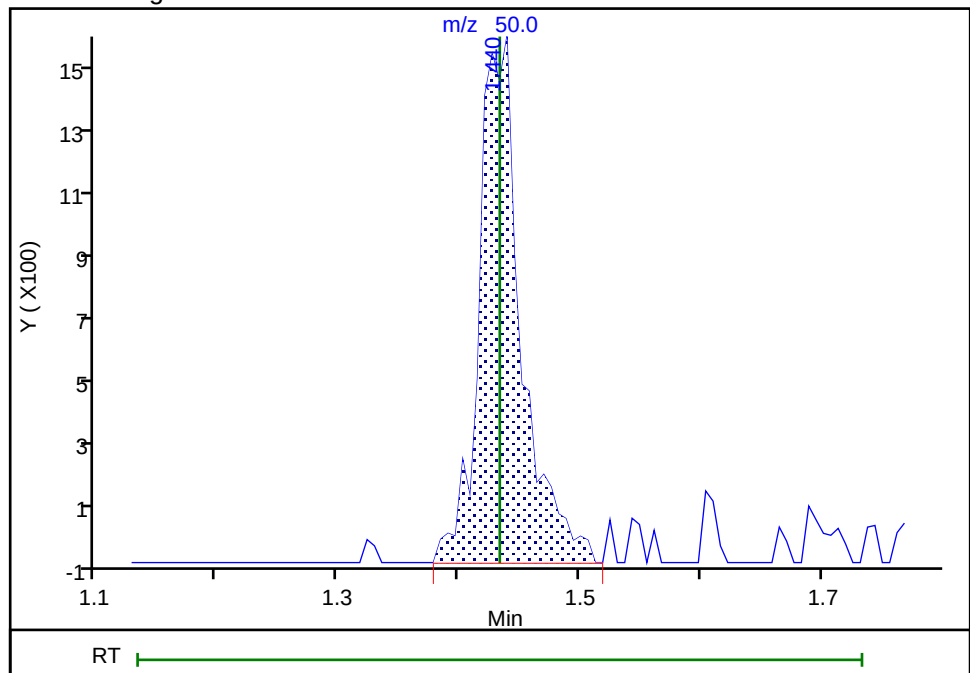
RT: 1.44
Area: 1941
Amount: 0.381512
Amount Units: ug/l

Processing Integration Results



RT: 1.44
Area: 3886
Amount: 0.763810
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:49:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

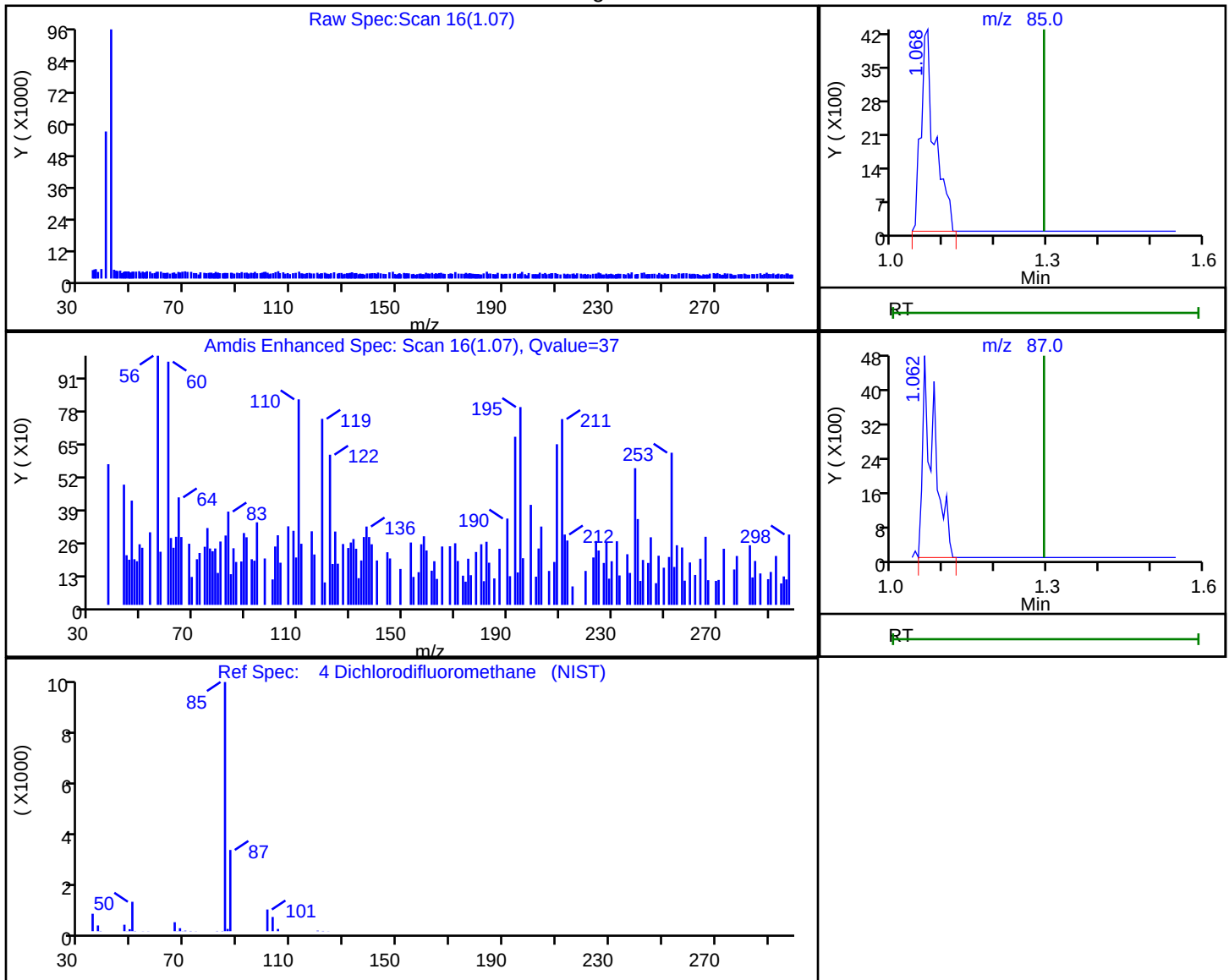
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	8021	1.245473
1.06	87.00	7399	

Reviewer: asfawa, 05-Oct-2020 08:48:51

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

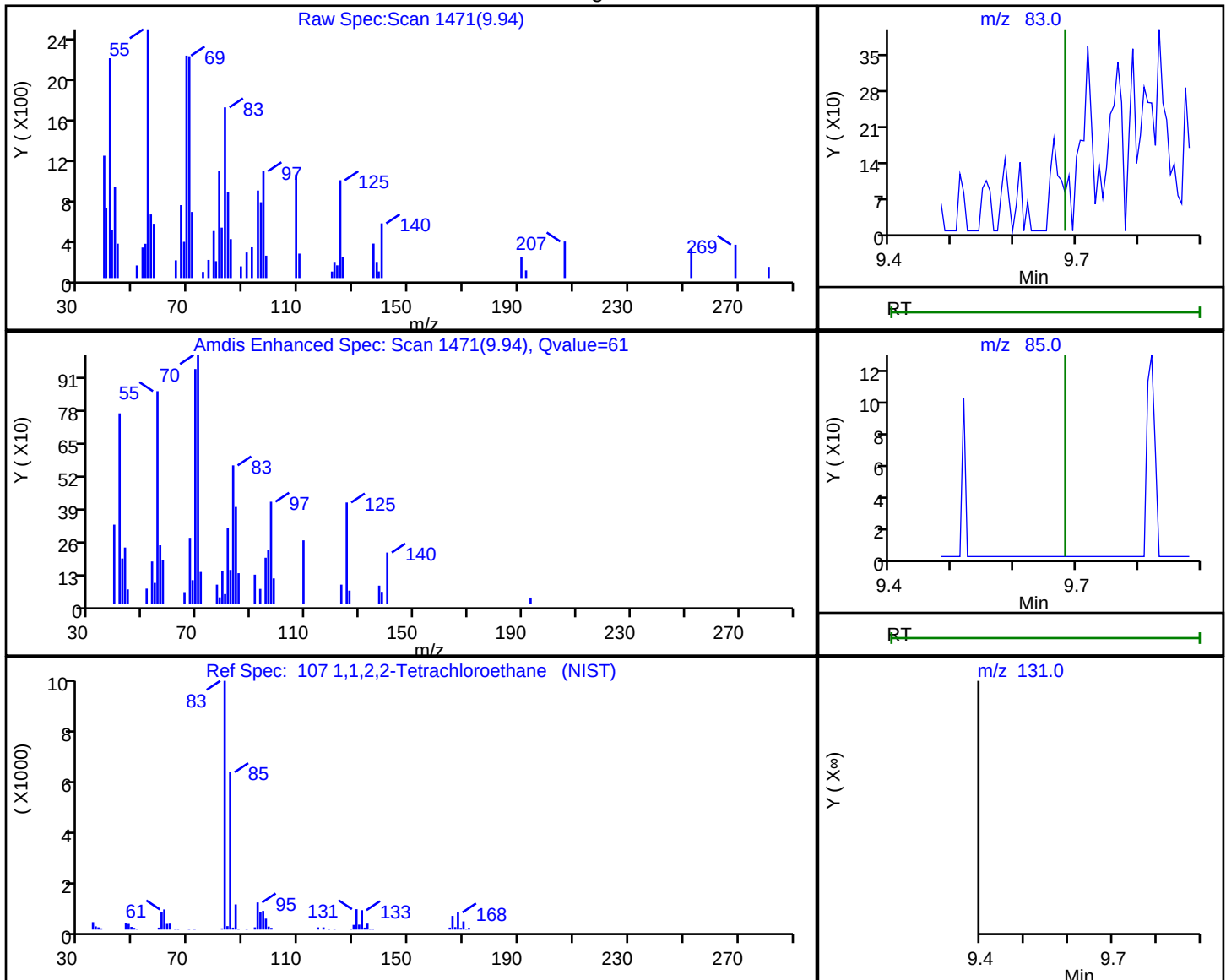
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

107 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results



RT	Mass	Response	Amount
9.94	83.00	2775	0.787642
9.94	85.00	571	
9.68	131.00	0	

Reviewer: asfawa, 05-Oct-2020 08:49:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130828.D

Injection Date: 04-Oct-2020 09:24:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-2

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

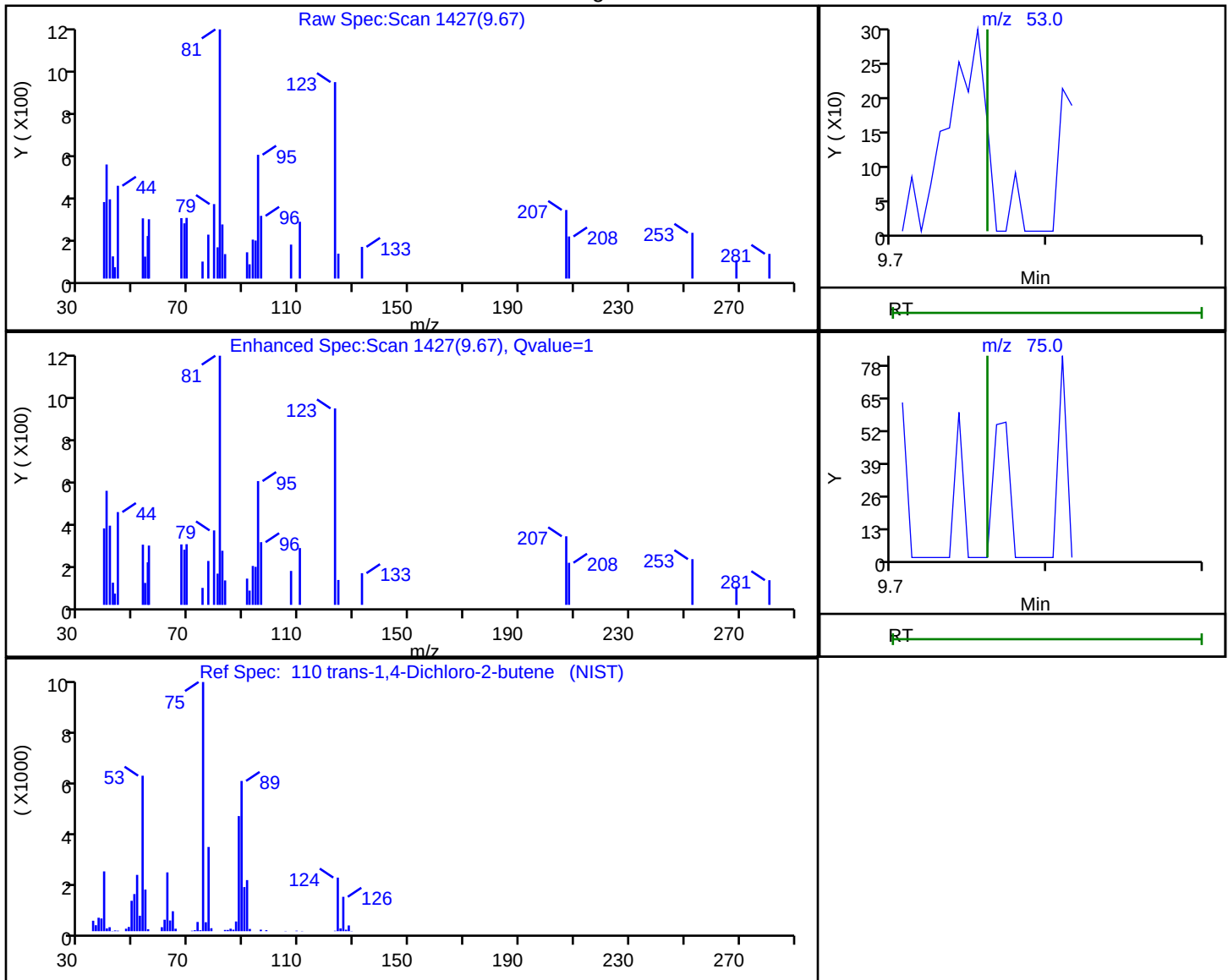
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.67	53.00	210	0.618668
9.66	75.00	64	

Reviewer: asfawa, 05-Oct-2020 08:49:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-219430-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130829.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 19:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 09:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-3</u>	Lab Sample ID: <u>460-219430-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130829.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 19:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 09:45</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130829.D
 Lims ID: 460-219430-C-3
 Client ID: GT-3
 Sample Type: Client
 Inject. Date: 04-Oct-2020 09:45:30 ALS Bottle#: 10 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-3
 Misc. Info.: 460-0117814-011
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1613

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:50:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	99	43905	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	255666	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	96	191443	50.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	232902	51.8	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	604913	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	88	28009	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	587796	51.5	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	87	419133	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	203349	49.8	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	94	250857	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130829.D

Injection Date: 04-Oct-2020 09:45:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-3

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

10

Worklist Smp#:

11

Purge Vol: 5.000 mL

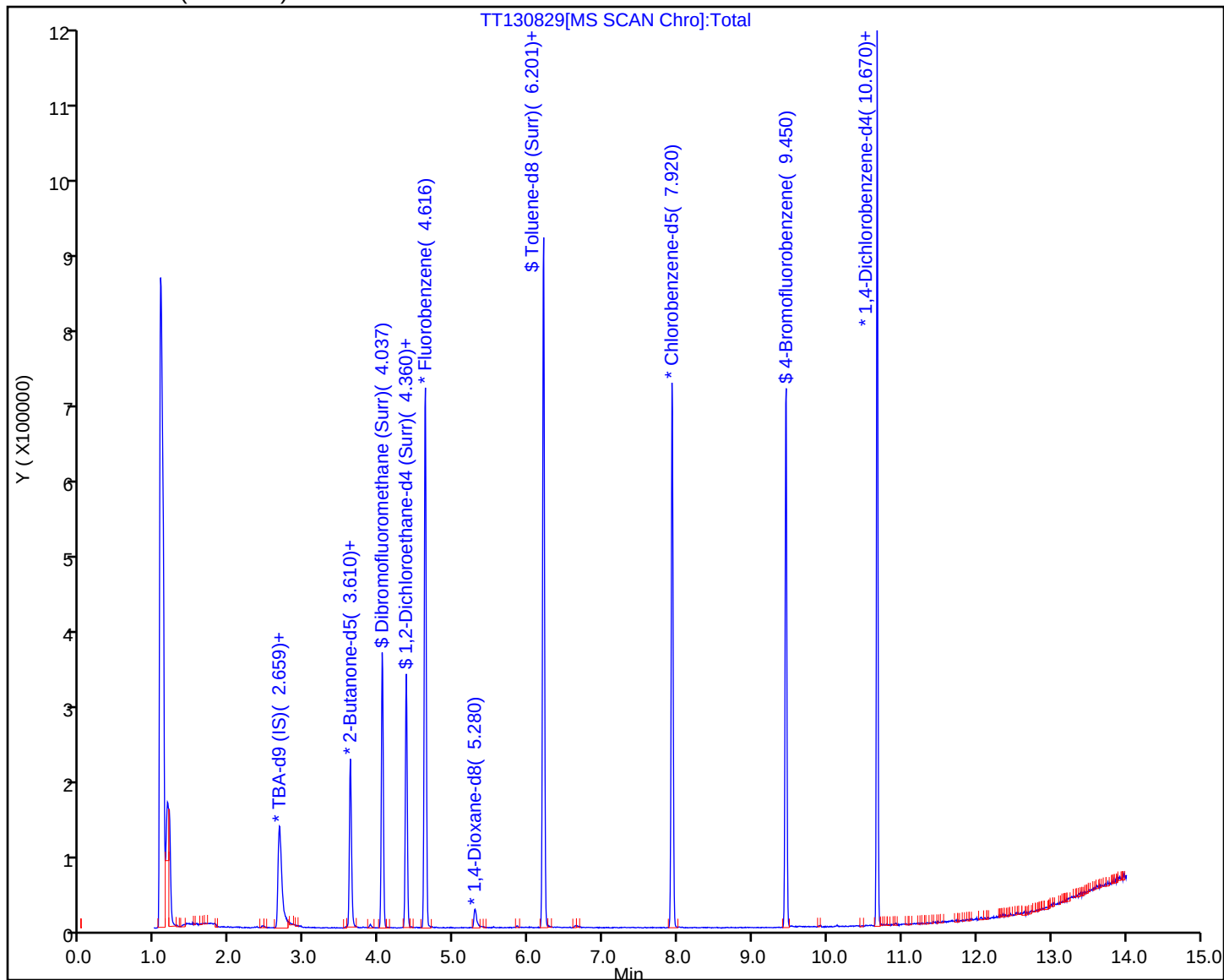
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130829.D

Injection Date: 04-Oct-2020 09:45:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-3

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

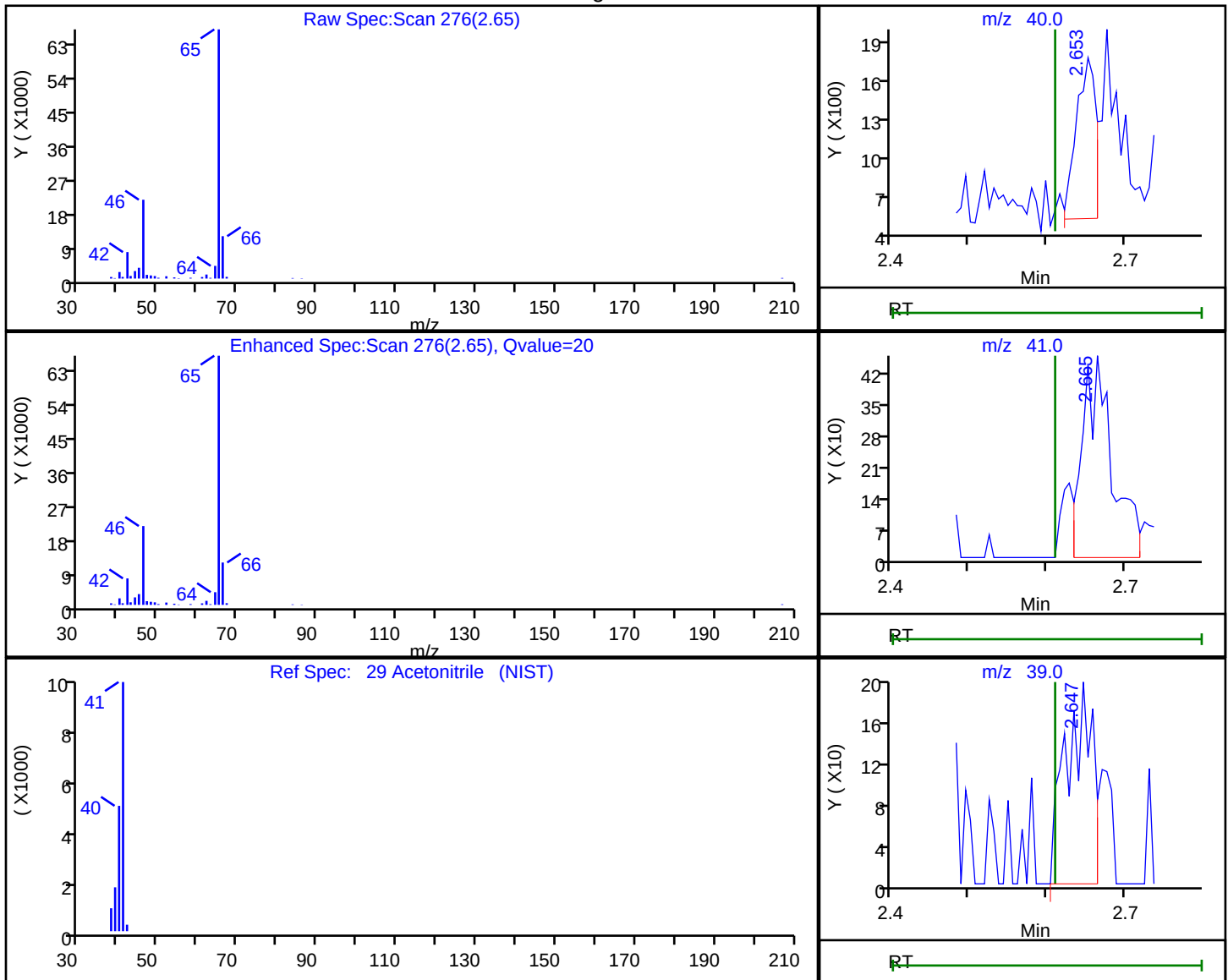
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.65	40.00	2183	13.055726
2.66	41.00	1206	
2.65	39.00	466	
2.65	38.00	745	

Reviewer: asfawa, 05-Oct-2020 08:50:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130829.D

Injection Date: 04-Oct-2020 09:45:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-3

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

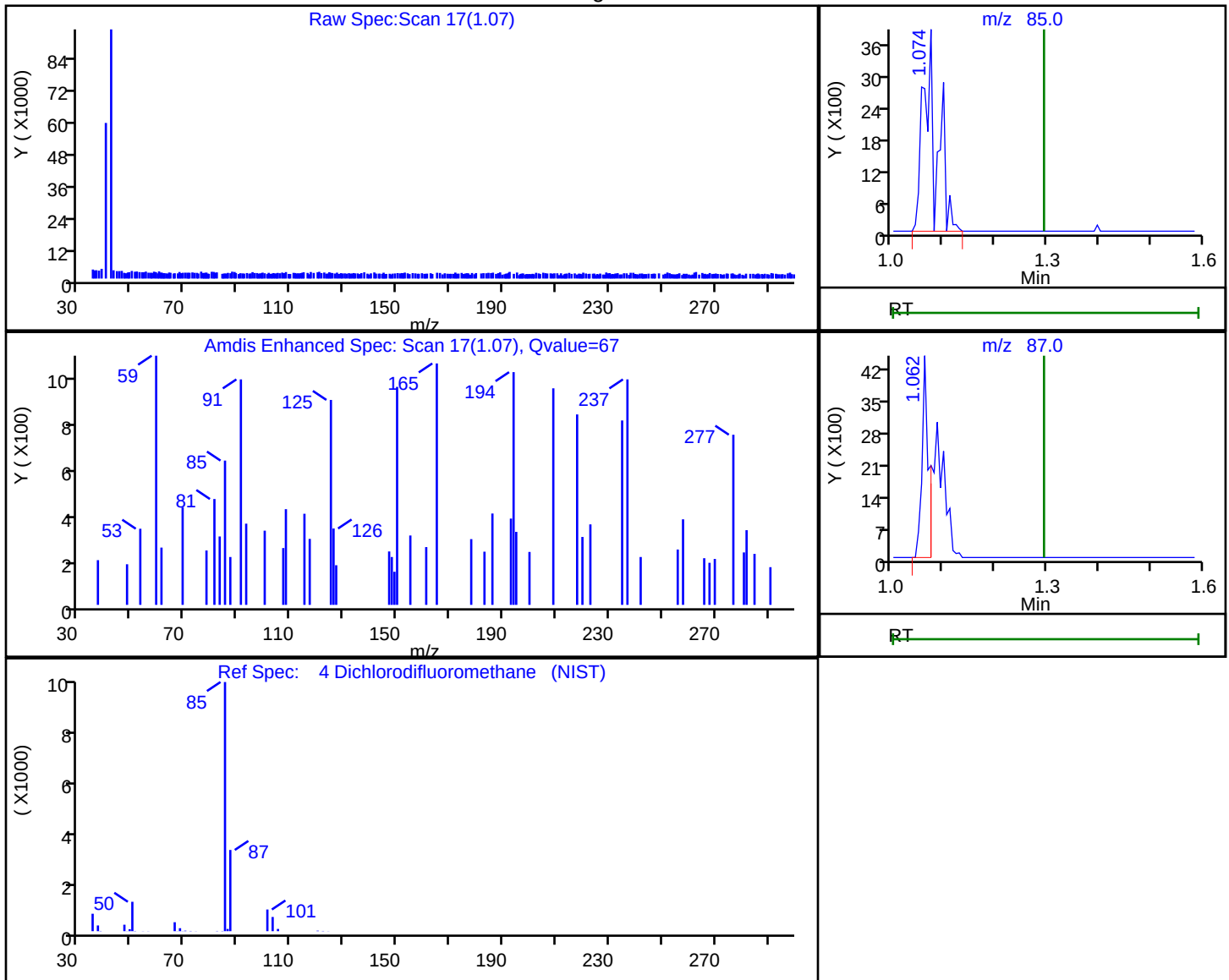
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	6958	1.077196
1.06	87.00	3885	

Reviewer: asfawa, 05-Oct-2020 08:50:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

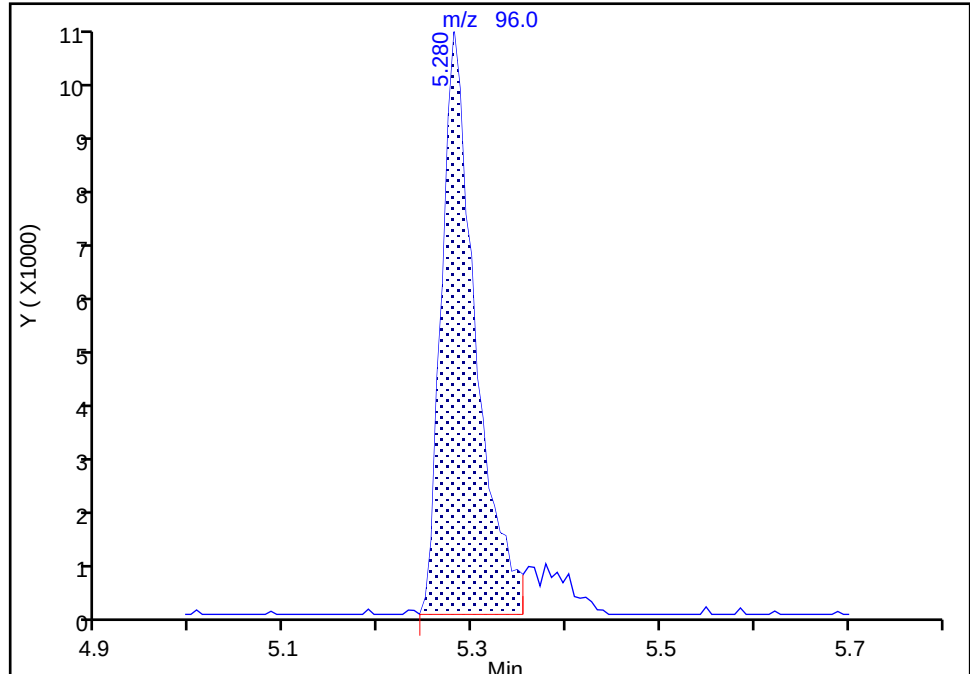
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130829.D		
Injection Date:	04-Oct-2020 09:45:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-C-3	Lab Sample ID:	460-219430-3
Client ID:	GT-3		
Operator ID:		ALS Bottle#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	11

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

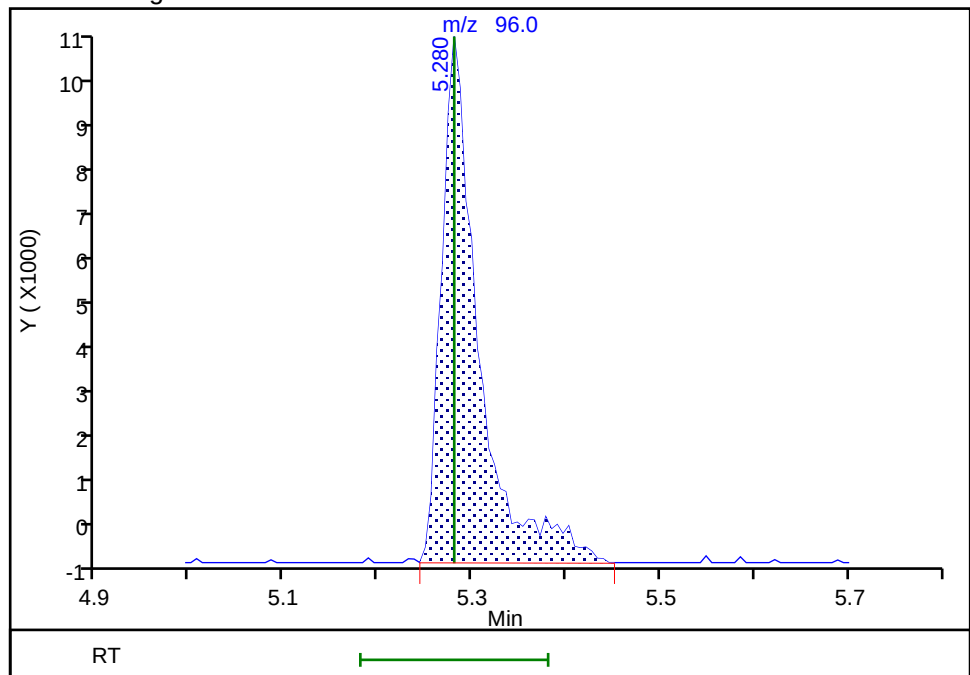
RT: 5.28
Area: 25373
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 28009
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:50:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-4</u>	Lab Sample ID: <u>460-219430-4</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130830.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 20:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 10:06</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GT-4 Lab Sample ID: 460-219430-4
 Matrix: Water Lab File ID: TT130830.D
 Analysis Method: 8260C Date Collected: 09/25/2020 20:30
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 10:06
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130830.D
 Lims ID: 460-219430-C-4
 Client ID: GT-4
 Sample Type: Client
 Inject. Date: 04-Oct-2020 10:06:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-4
 Misc. Info.: 460-0117814-012
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:51:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.665	2.659	0.006	99	43567	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	258318	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	190878	51.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	235852	52.9	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	600043	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	88	27072	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	579020	51.6	
* 94 Chlorobenzene-d5	117	7.926	7.920	0.006	86	412585	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	201018	50.0	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	251345	50.0	

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130830.D

Injection Date: 04-Oct-2020 10:06:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-4

Lab Sample ID: 460-219430-4

Client ID: GT-4

Operator ID:

ALS Bottle#: 11

Worklist Smp#: 12

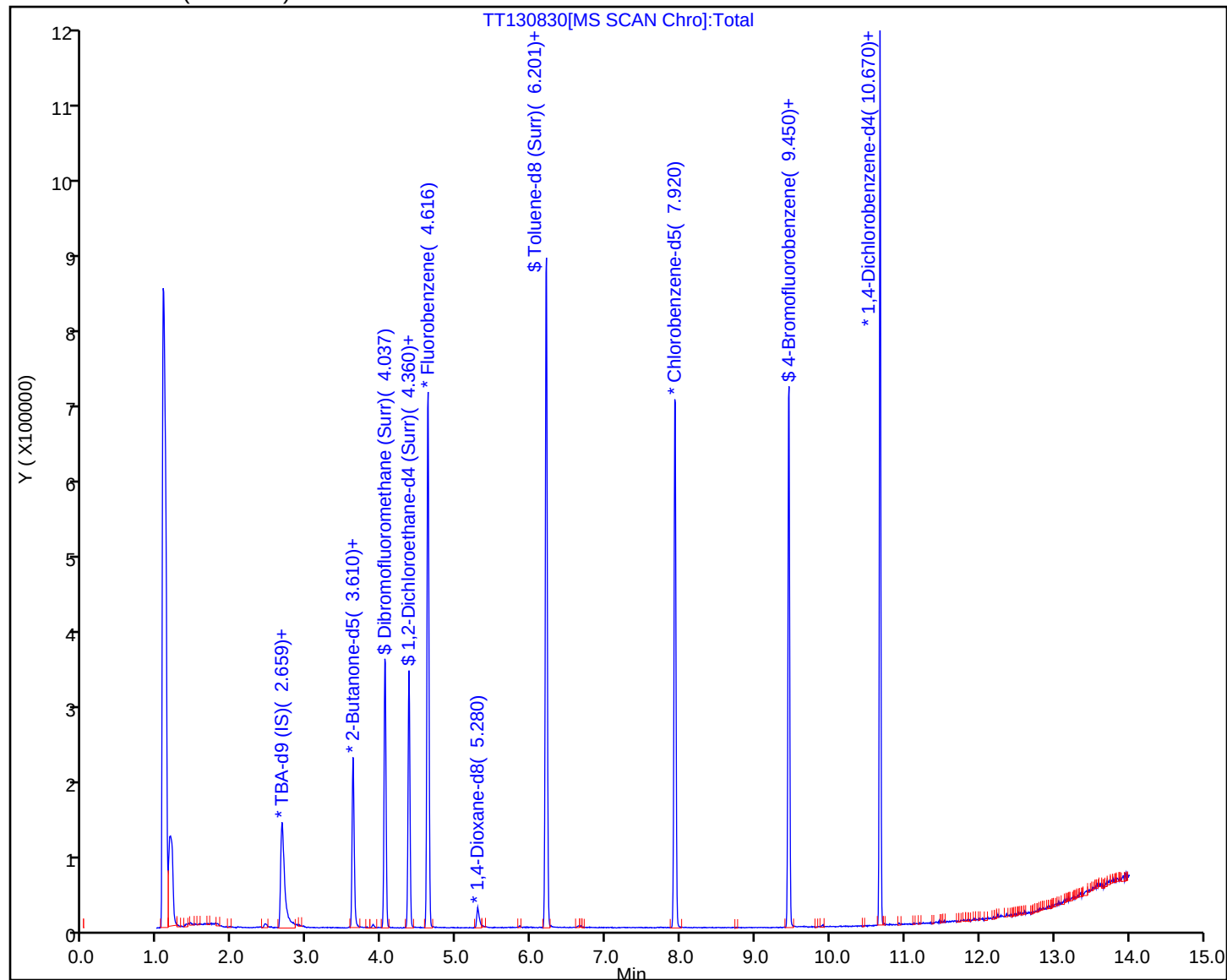
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130830.D

Injection Date: 04-Oct-2020 10:06:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-4

Lab Sample ID: 460-219430-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

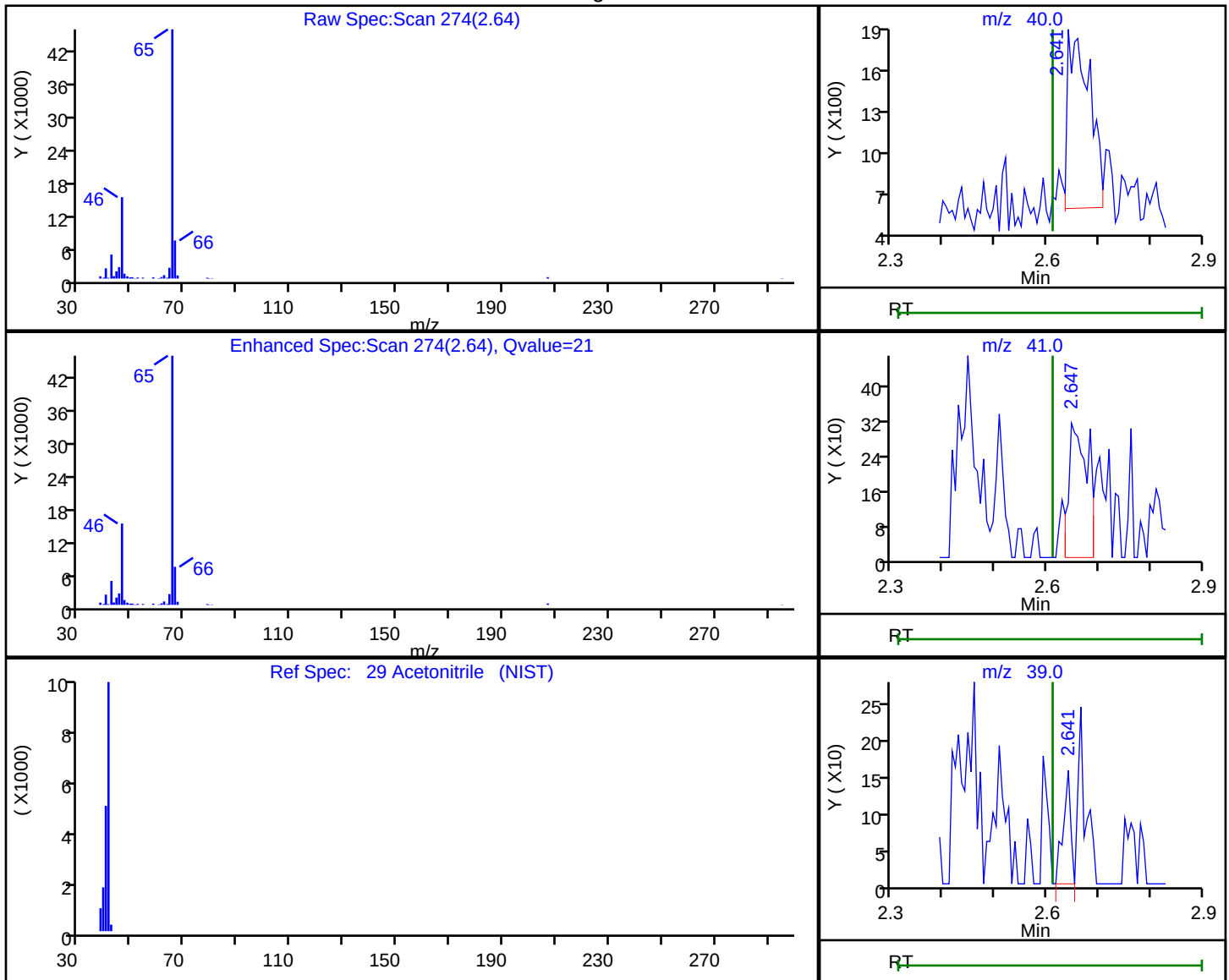
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.64	40.00	3806	22.528546
2.65	41.00	790	
2.64	39.00	158	
2.65	38.00	1945	

Reviewer: asfawa, 05-Oct-2020 08:50:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130830.D

Injection Date: 04-Oct-2020 10:06:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-4

Lab Sample ID: 460-219430-4

Client ID: GT-4

Operator ID:

ALS Bottle#:

11

Worklist Smp#: 12

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

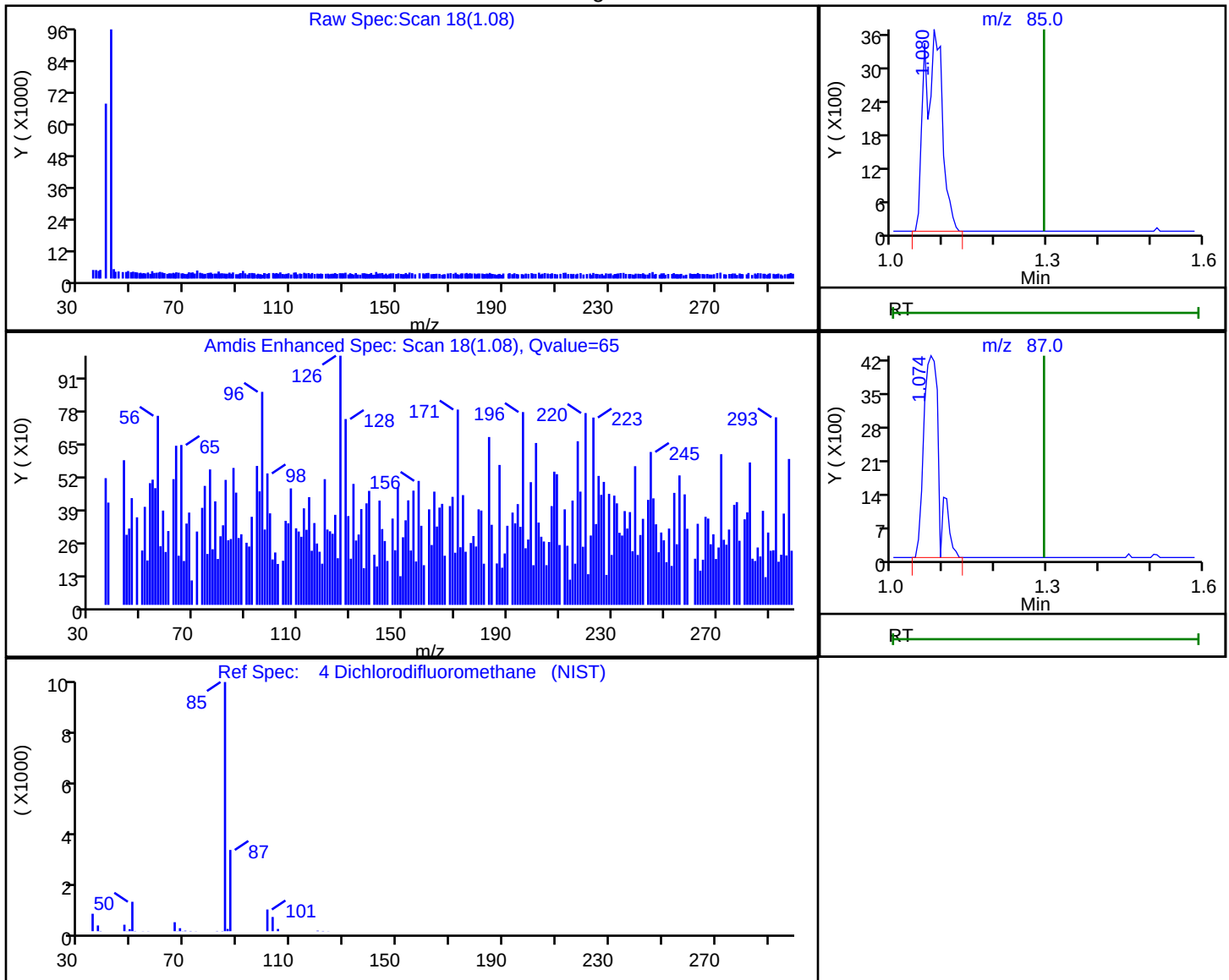
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.08	85.00	8572	1.337836
1.07	87.00	8828	

Reviewer: asfawa, 05-Oct-2020 08:50:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GT-5</u>	Lab Sample ID: <u>460-219430-5</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130831.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 21:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 10:27</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	0.48	J	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GT-5 Lab Sample ID: 460-219430-5
 Matrix: Water Lab File ID: TT130831.D
 Analysis Method: 8260C Date Collected: 09/25/2020 21:30
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 10:27
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	0.84	J	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D
 Lims ID: 460-219430-C-5
 Client ID: GT-5
 Sample Type: Client
 Inject. Date: 04-Oct-2020 10:27:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-5
 Misc. Info.: 460-0117814-013
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1613

First Level Reviewer: desais

Date: 05-Oct-2020 06:33:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.433	1.434	-0.001	62	2425	0.4768	
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	99	49482	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	269023	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	195780	52.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	239909	53.5	
* 66 Fluorobenzene	96	4.616	4.616	0.000	98	602873	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	87	28325	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	100	589408	51.1	
88 Tetrachloroethene	166	6.847	6.853	-0.006	93	3000	0.8388	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	423909	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	204257	49.4	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	253662	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D

Injection Date: 04-Oct-2020 10:27:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-5

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

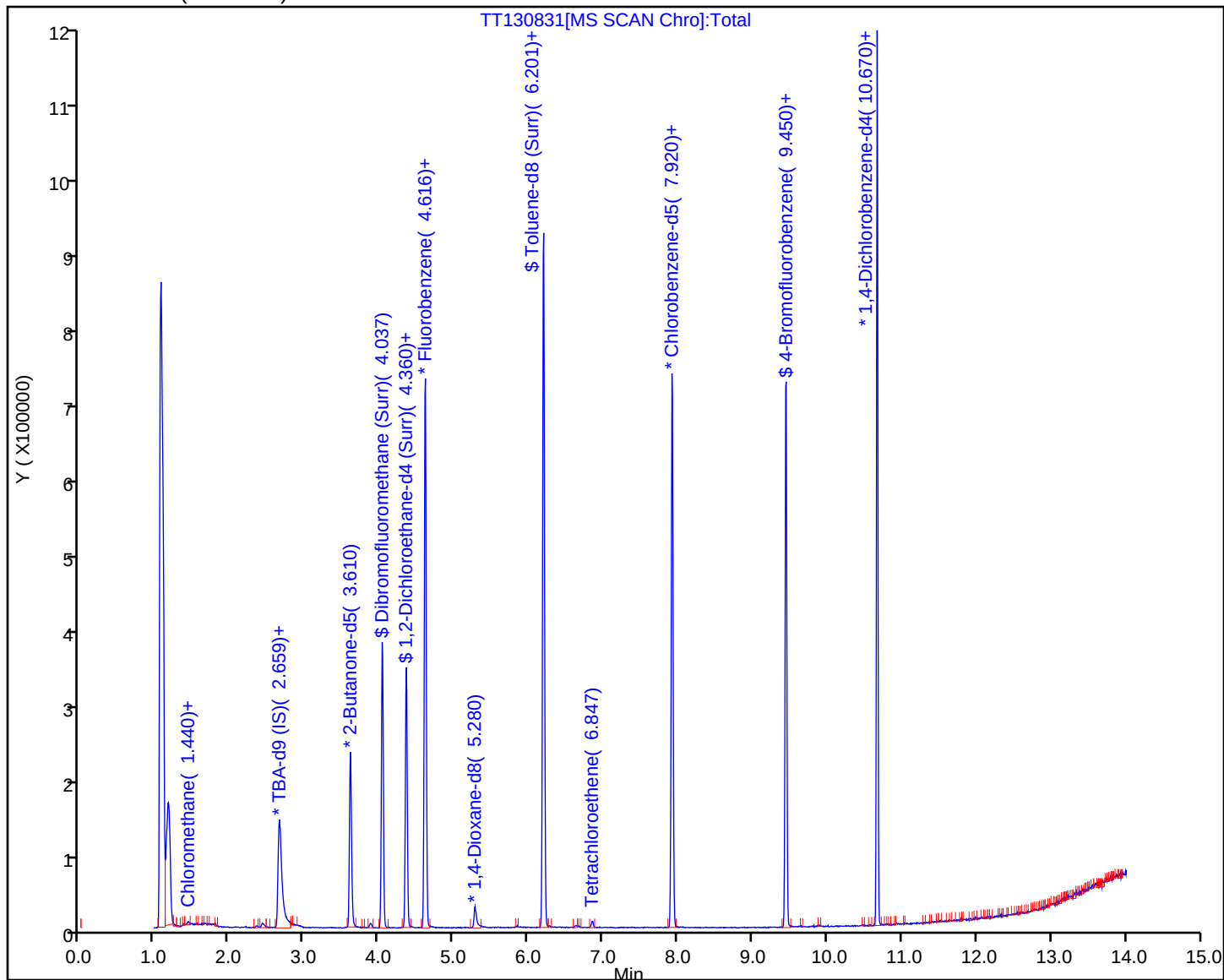
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D

Injection Date: 04-Oct-2020 10:27:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-5

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID:

ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 5.000 mL

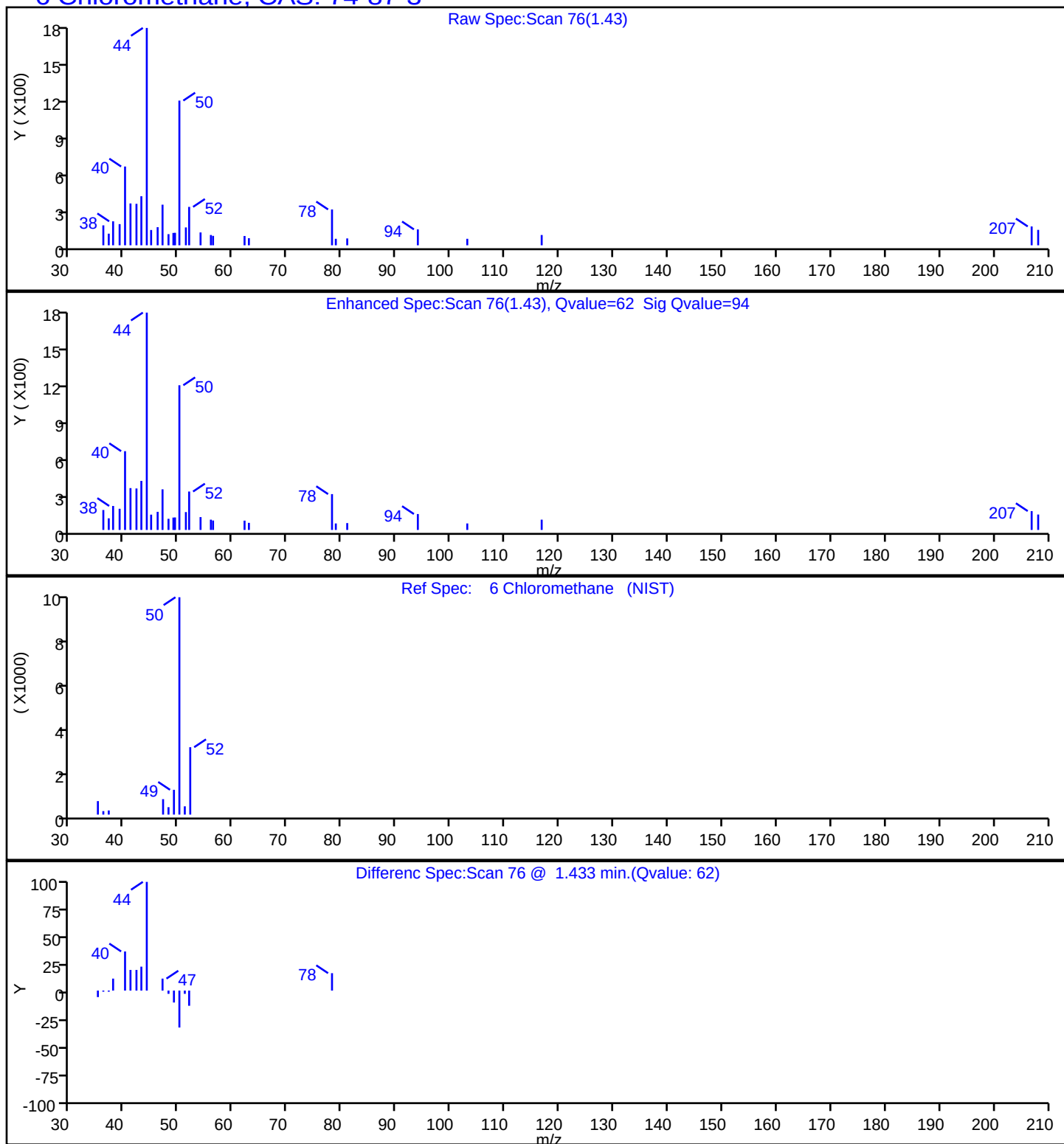
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D

Injection Date: 04-Oct-2020 10:27:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-5

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

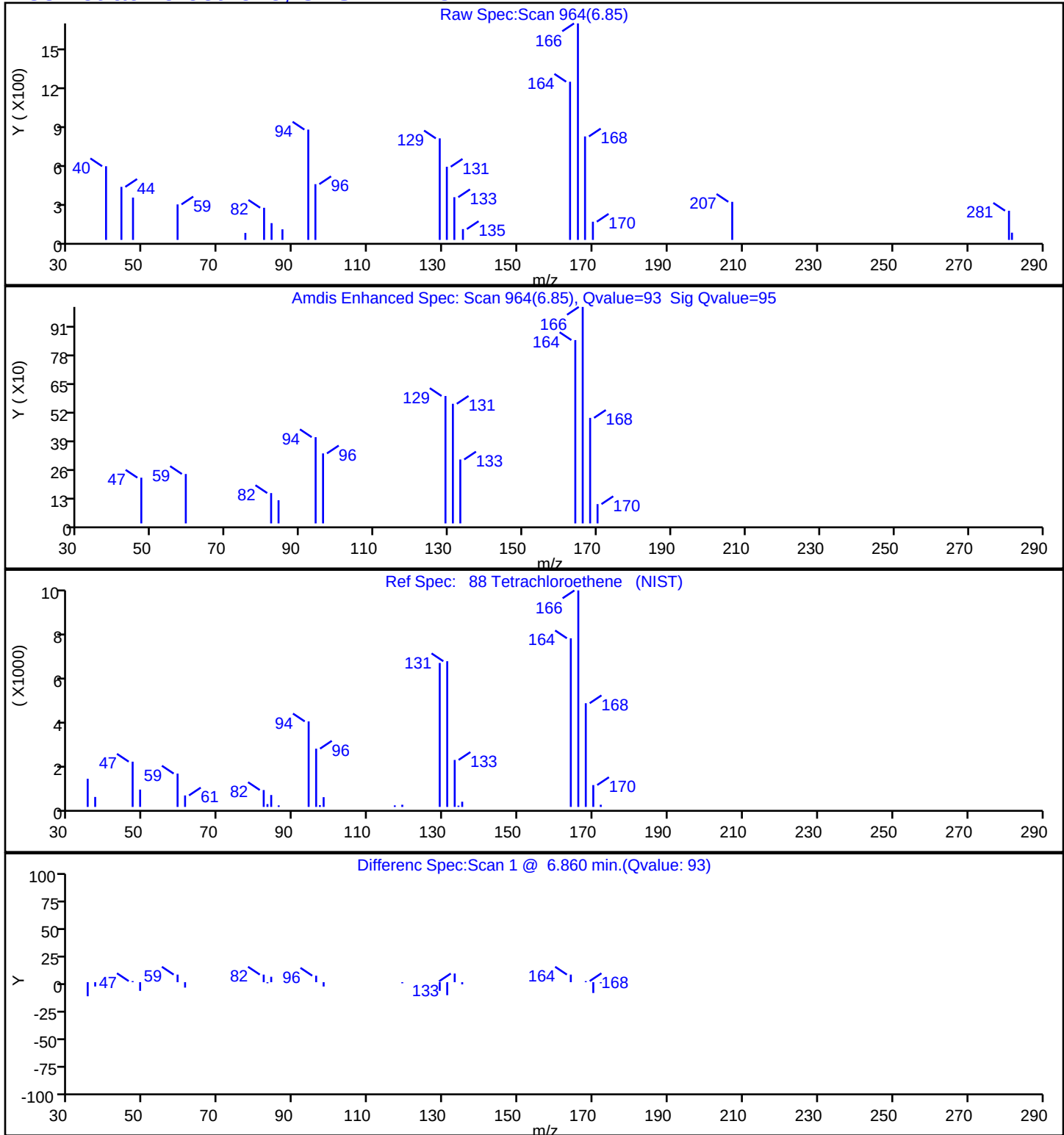
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

88 Tetrachloroethene, CAS: 127-18-4

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D

Injection Date: 04-Oct-2020 10:27:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-5

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

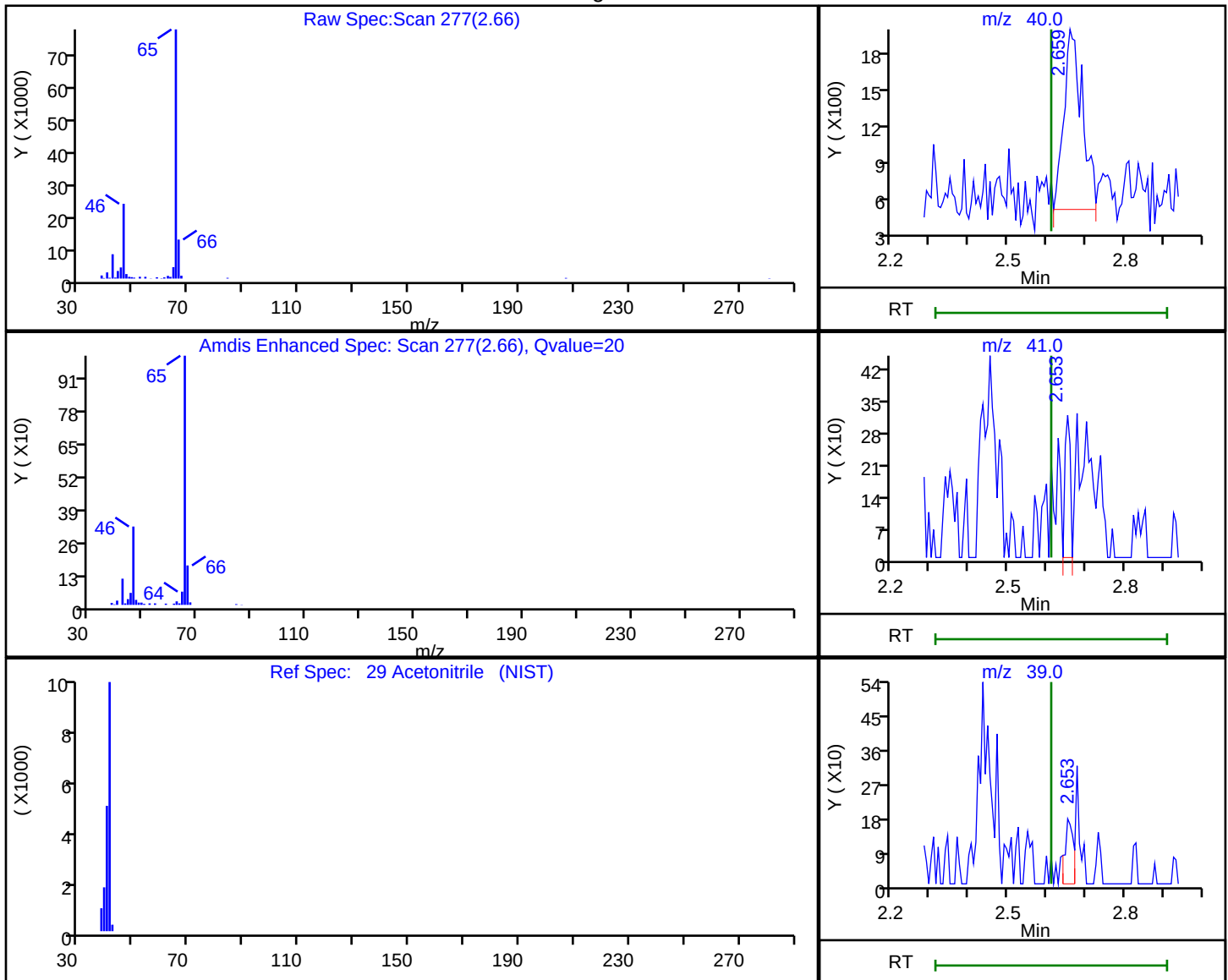
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.66	40.00	4737	26.923559
2.65	41.00	294	
2.65	39.00	258	
2.66	38.00	1395	

Reviewer: asfawa, 05-Oct-2020 08:51:49

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D

Injection Date: 04-Oct-2020 10:27:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-5

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

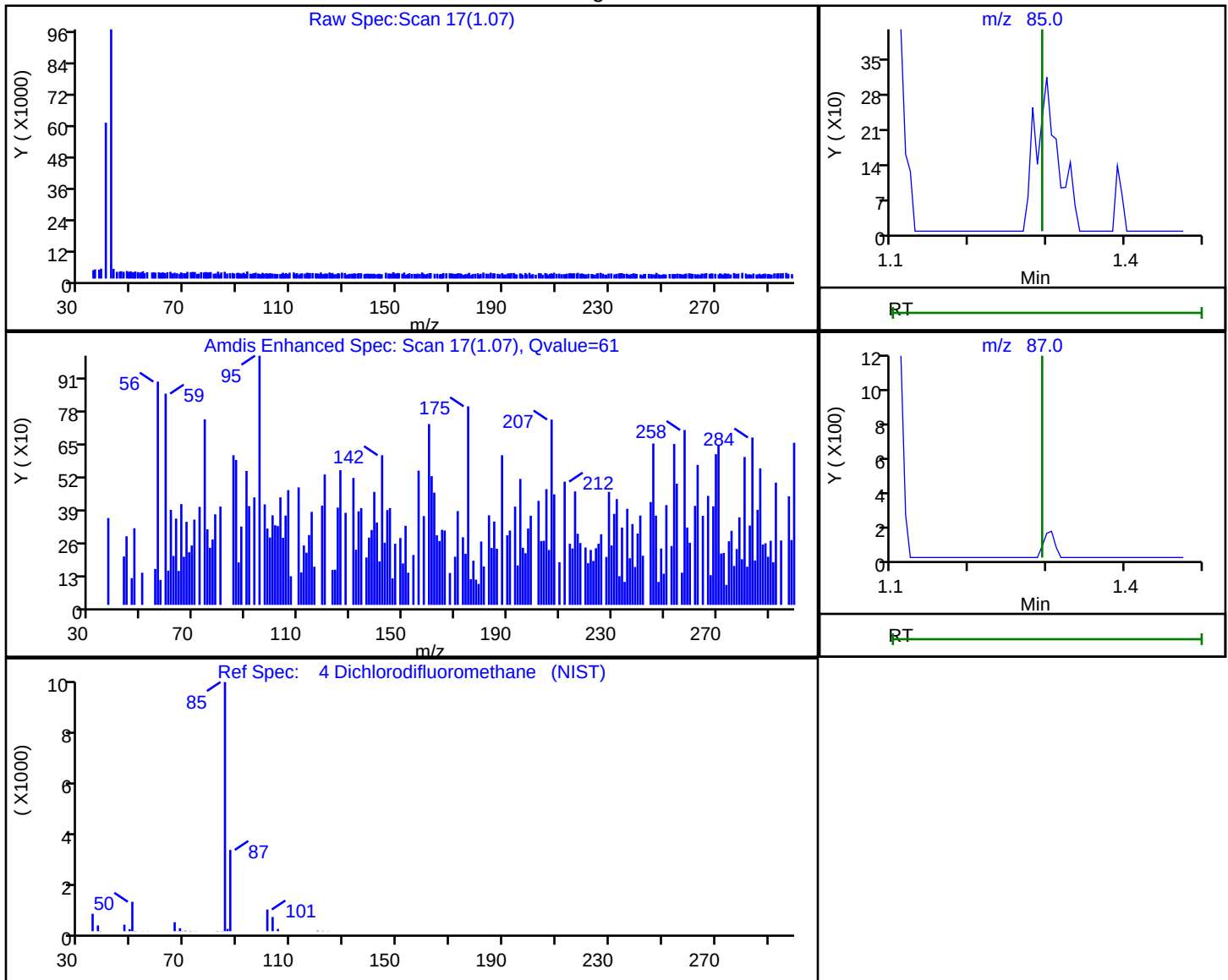
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



Reviewer: asfawa, 05-Oct-2020 08:51:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

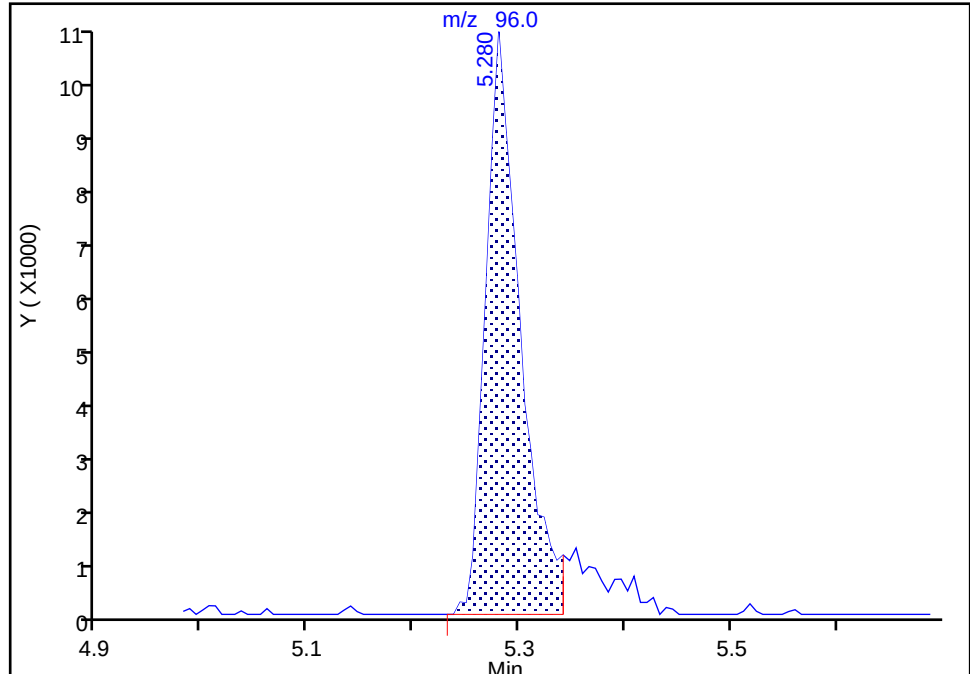
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130831.D		
Injection Date:	04-Oct-2020 10:27:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-C-5	Lab Sample ID:	460-219430-5
Client ID:	GT-5		
Operator ID:		ALS Bottle#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	13

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

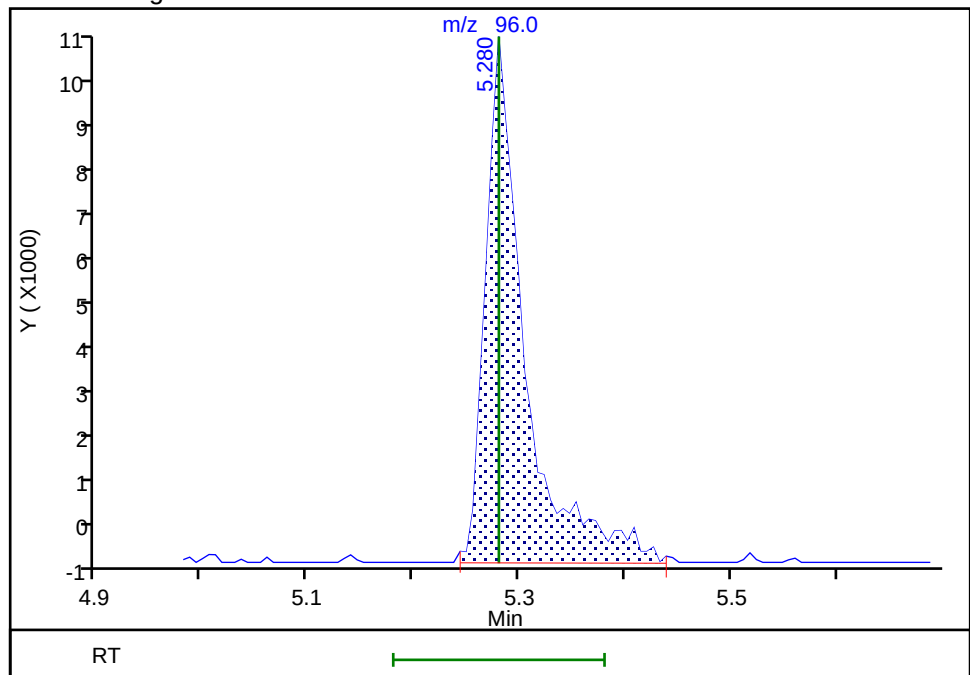
RT: 5.28
Area: 24806
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 28325
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:51:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-DUP</u>	Lab Sample ID: <u>460-219430-6</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT130832.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 12:00</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/04/2020 10:48</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>728944</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	0.44	J	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-219430-6
 Matrix: Water Lab File ID: TT130832.D
 Analysis Method: 8260C Date Collected: 09/25/2020 12:00
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 10:48
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D
 Lims ID: 460-219430-C-6
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 04-Oct-2020 10:48:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-C-6
 Misc. Info.: 460-0117814-014
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:53:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.439	1.434	0.005	97	2180	0.4415	
* 31 TBA-d9 (IS)	66	2.671	2.659	0.012	98	50492	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	259683	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.036	4.037	-0.001	97	193045	53.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	237025	54.4	
* 66 Fluorobenzene	96	4.616	4.616	0.000	98	585374	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	87	27300	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	570923	51.3	
* 94 Chlorobenzene-d5	117	7.926	7.920	0.006	86	409075	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	204303	51.2	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	253504	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#: 13

Worklist Smp#: 14

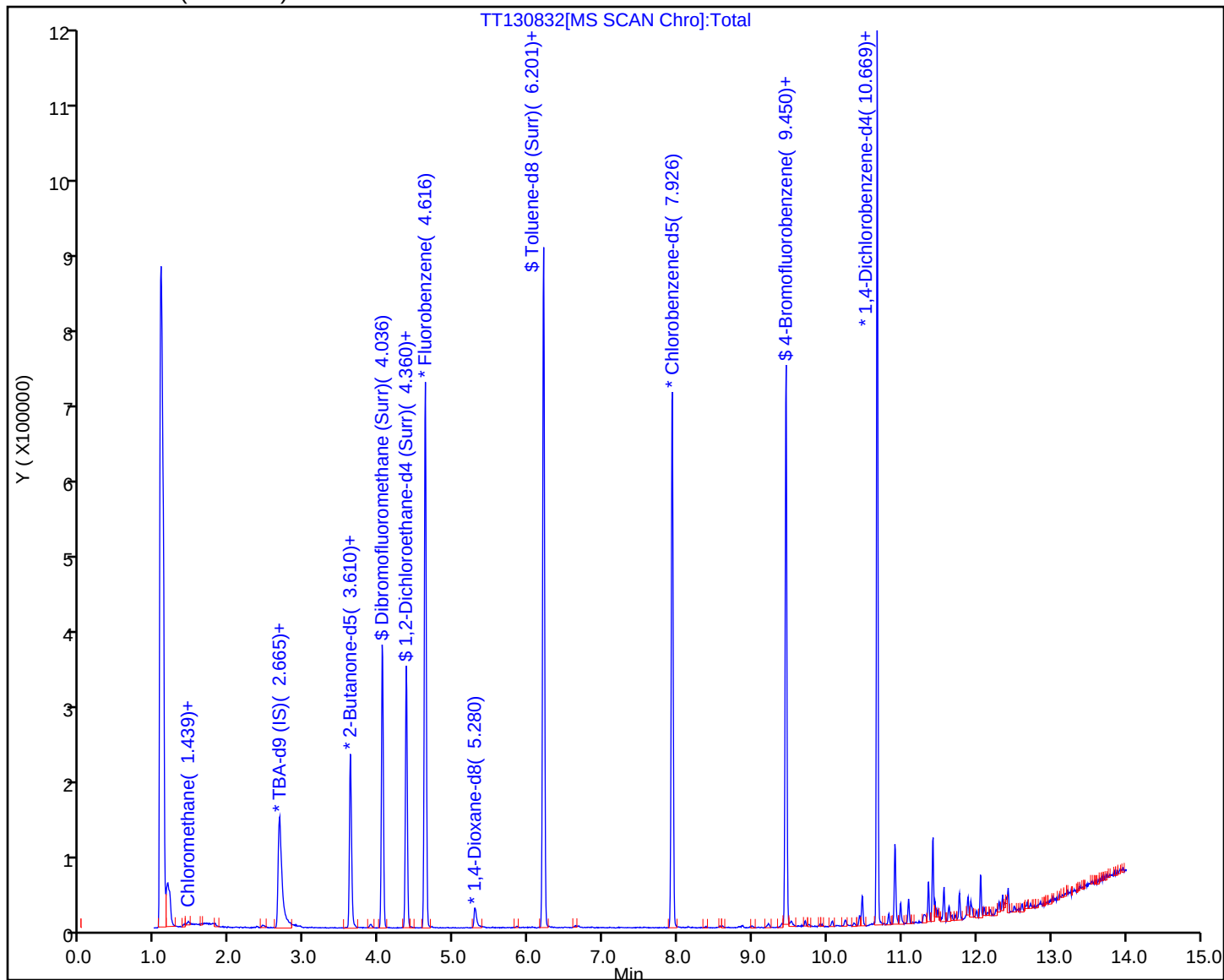
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

13

Worklist Smp#:

14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

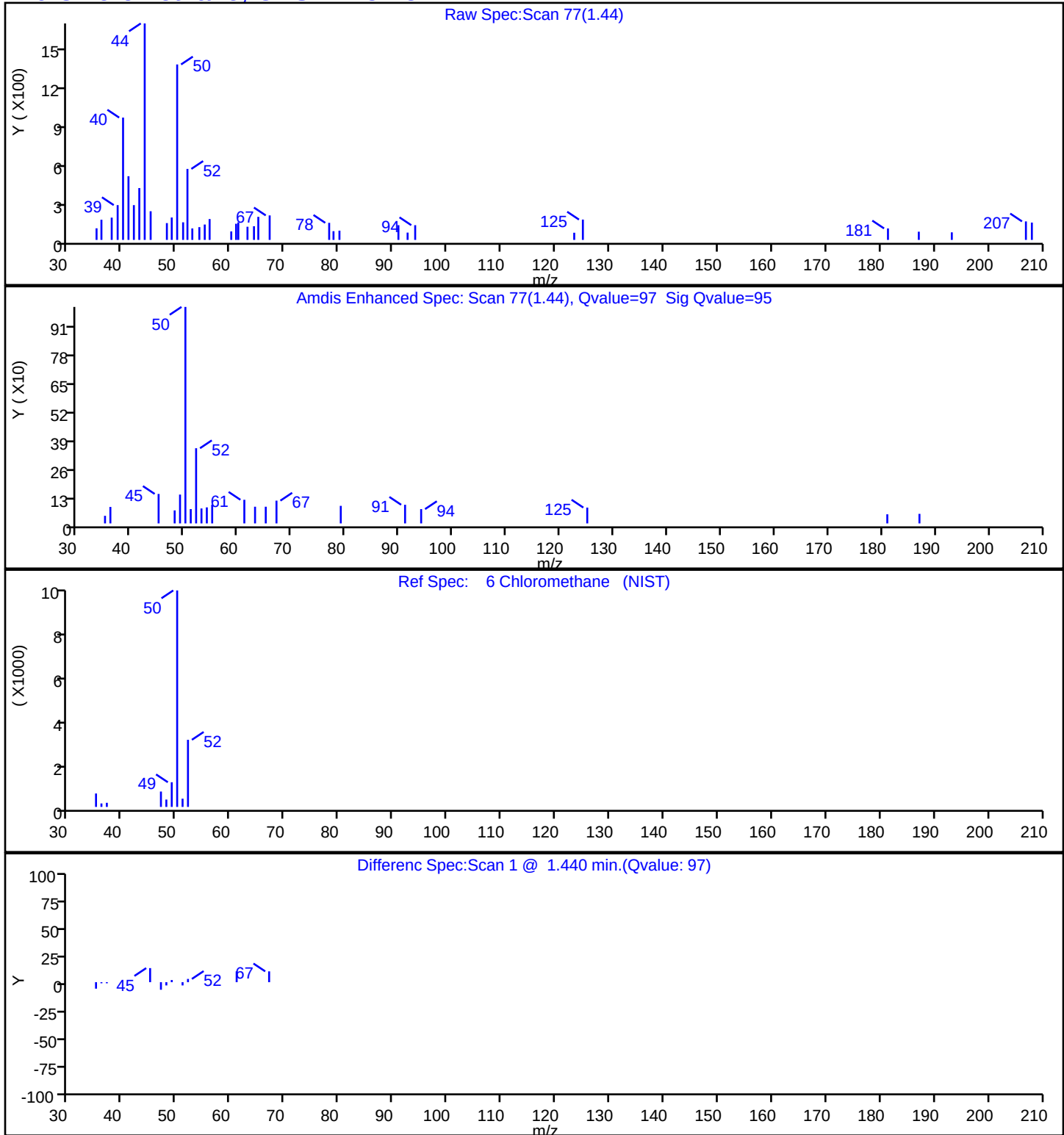
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

6 Chloromethane, CAS: 74-87-3

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

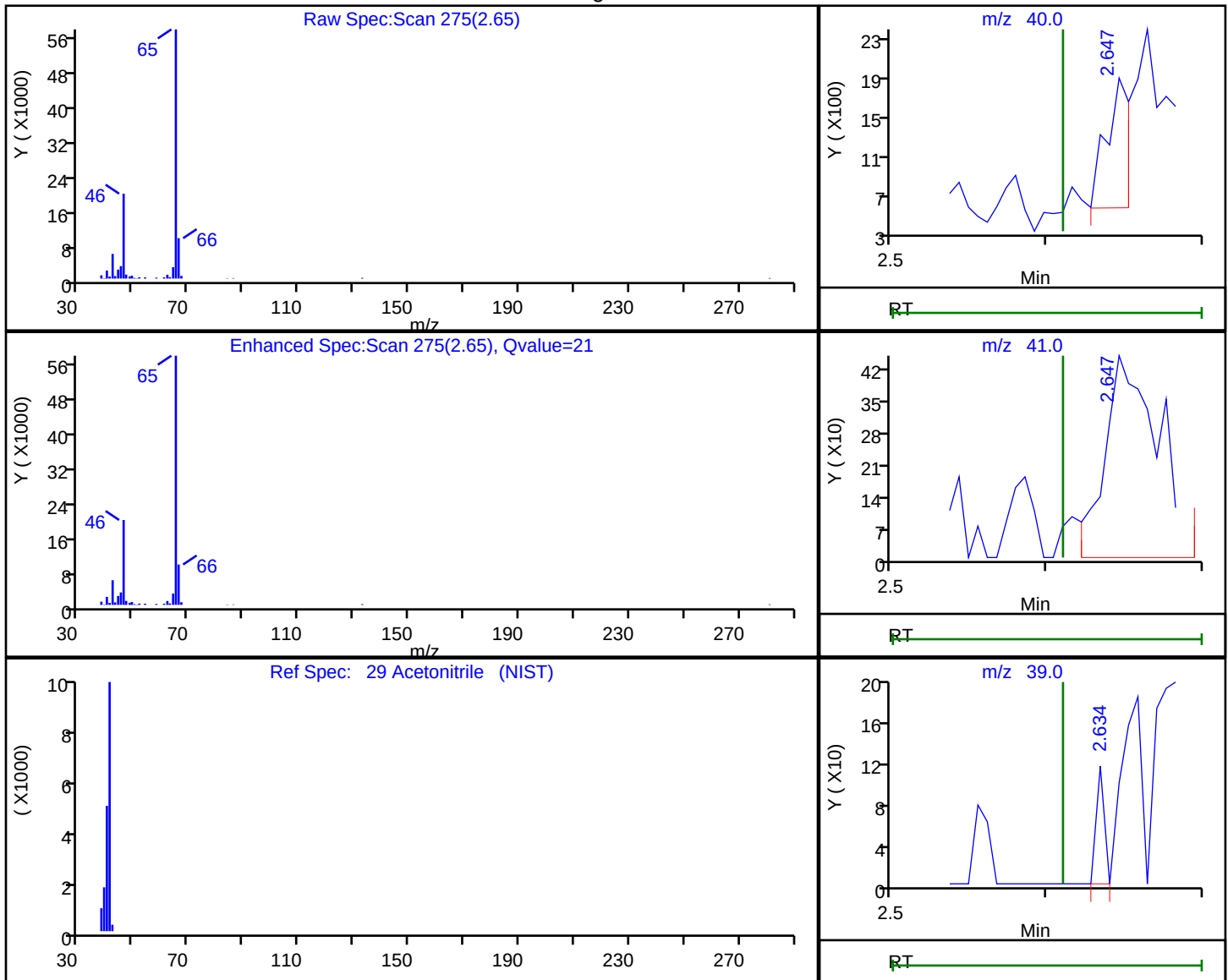
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.65	40.00	1331	7.837101
2.65	41.00	1141	
2.63	39.00	41	
2.65	38.00	739	

Reviewer: asfawa, 05-Oct-2020 08:52:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

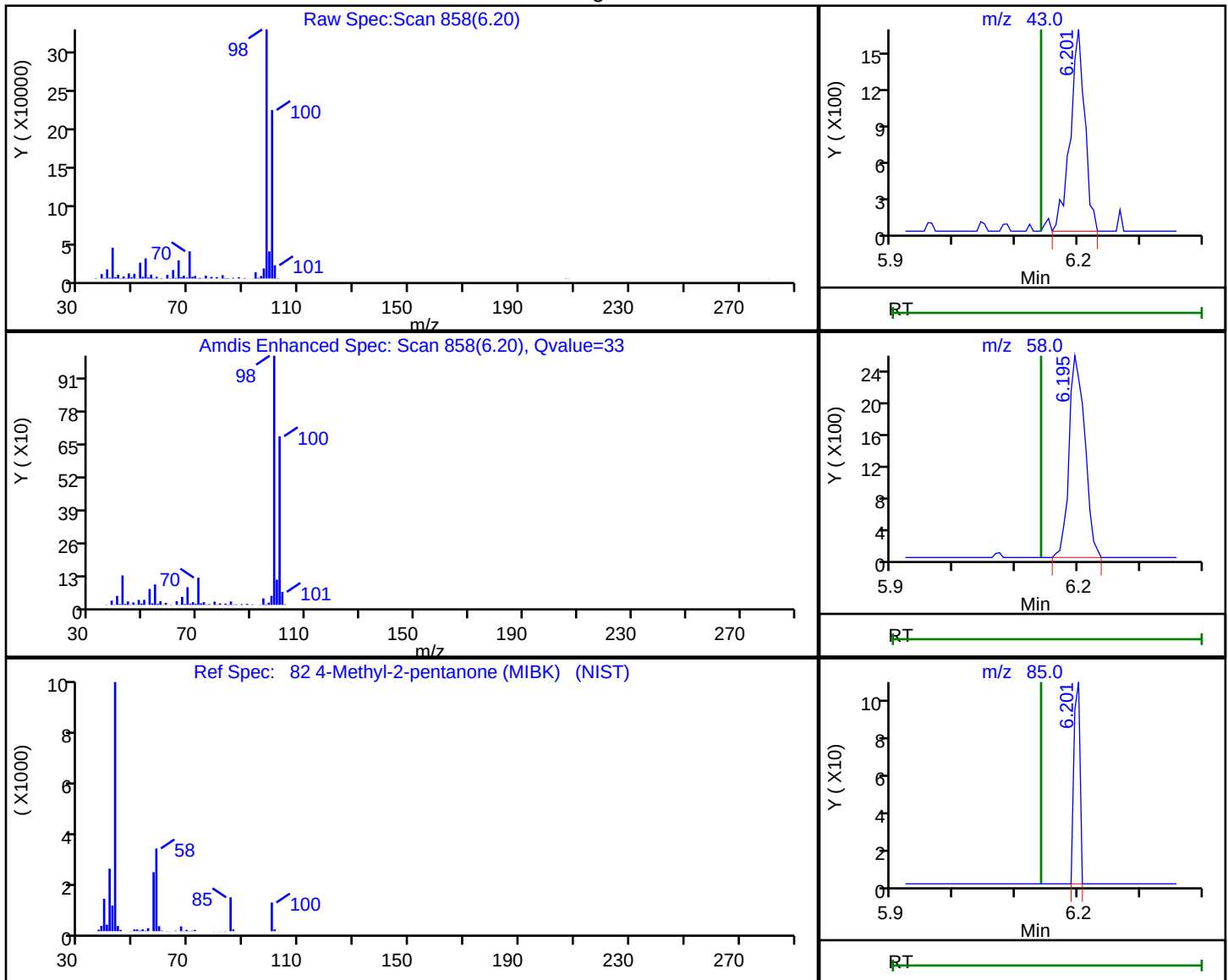
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.20	43.00	2672	1.205647
6.19	58.00	4546	
6.20	85.00	70	
6.20	100.00	387047	

Reviewer: asfawa, 05-Oct-2020 08:52:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

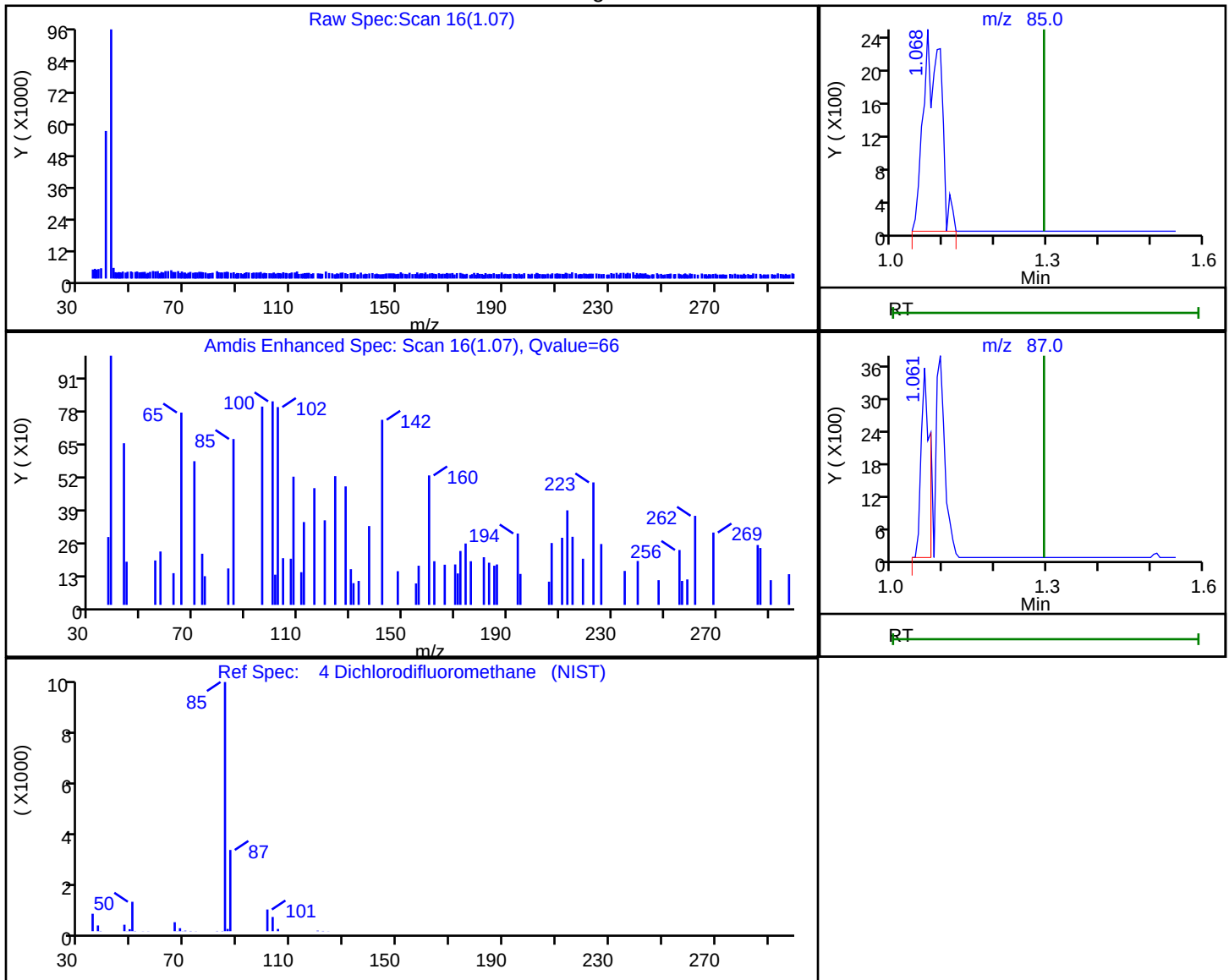
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.07	85.00	5878	0.940371
1.06	87.00	3964	

Reviewer: asfawa, 05-Oct-2020 08:52:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D

Injection Date: 04-Oct-2020 10:48:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-C-6

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID:

ALS Bottle#:

13

Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

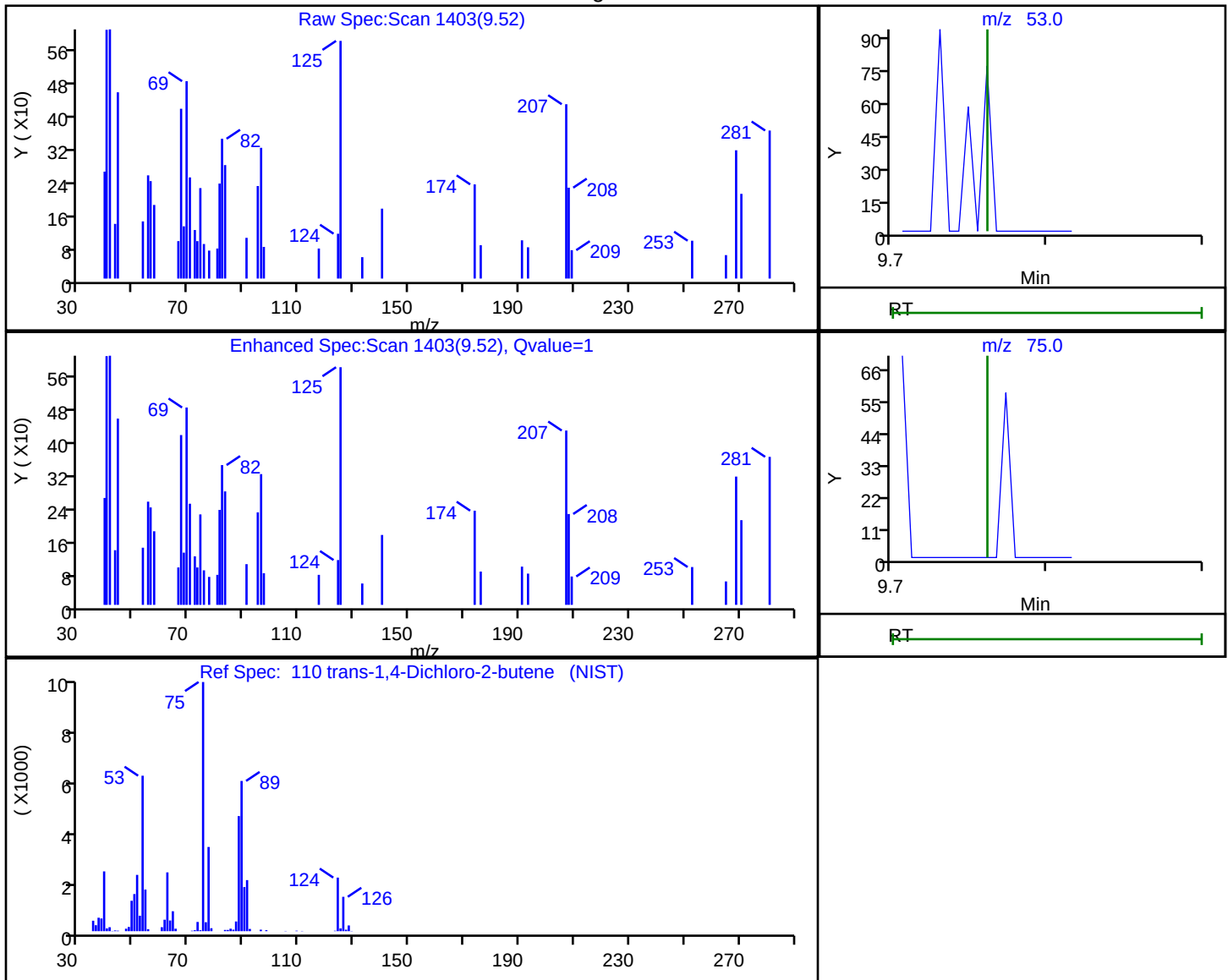
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.52	53.00	157	0.562501
9.52	75.00	99	

Reviewer: asfawa, 05-Oct-2020 08:53:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

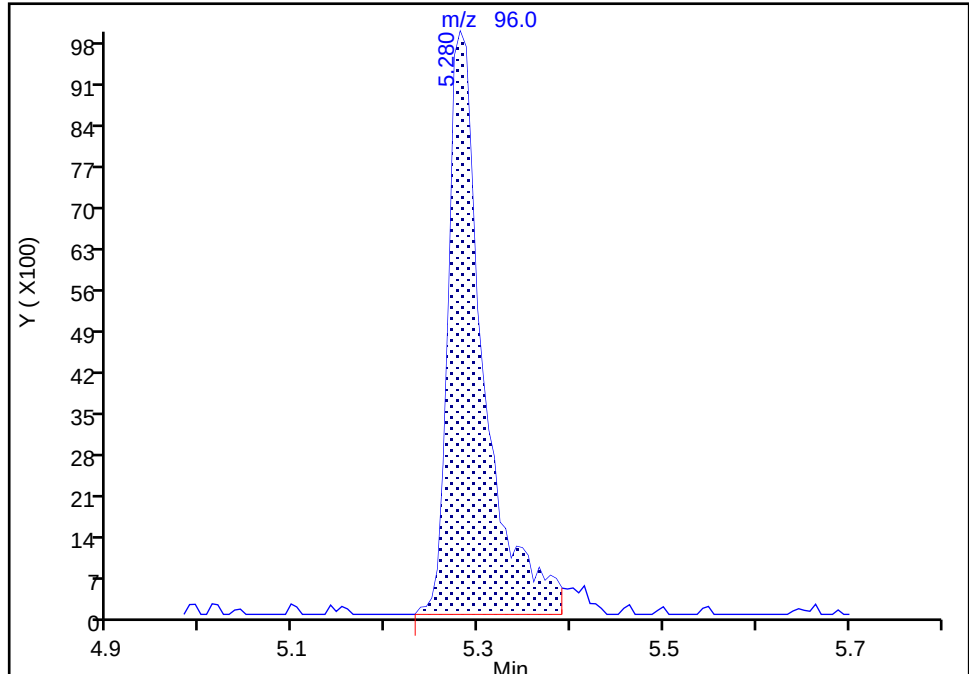
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130832.D		
Injection Date:	04-Oct-2020 10:48:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-C-6	Lab Sample ID:	460-219430-6
Client ID:	GW-DUP		
Operator ID:		ALS Bottle#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	14

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

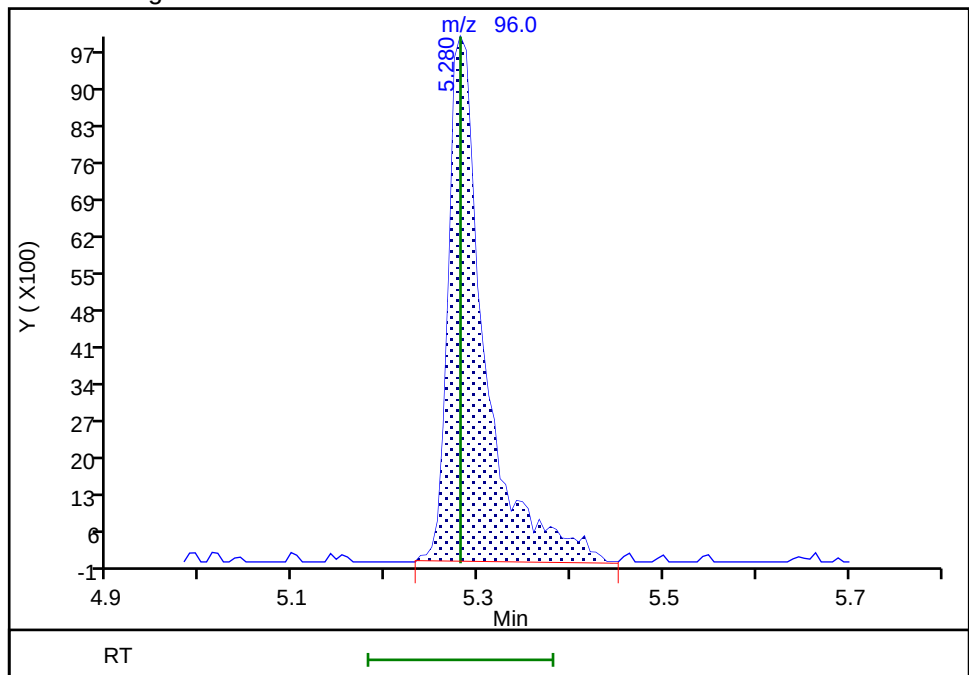
RT: 5.28
Area: 26490
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 27300
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:52:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins TestAmerica, Edison</u>	Job No.: <u>460-219430-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-219430-7</u>
Matrix: <u>Water</u>	Lab File ID: <u>TT131040.D</u>
Analysis Method: <u>8260C</u>	Date Collected: <u>09/25/2020 22:30</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/07/2020 20:26</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
% Moisture: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>729856</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	0.38	J	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: Trip Blank Lab Sample ID: 460-219430-7
 Matrix: Water Lab File ID: TT131040.D
 Analysis Method: 8260C Date Collected: 09/25/2020 22:30
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 20:26
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	99		76-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D
 Lims ID: 460-219430-A-7
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 07-Oct-2020 20:26:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-219430-A-7
 Misc. Info.: 460-0118001-008
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 11:49:24 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: asfawa

Date: 08-Oct-2020 11:49:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	98	43858	1000.0	
30 Methylene Chloride	84	2.665	2.665	0.000	29	1453	0.3823	M
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	243049	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.001	97	182464	52.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	217250	52.1	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	560593	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	86	26800	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	536111	50.2	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	85	392717	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	189695	49.6	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.669	0.000	95	233979	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00041

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D

Injection Date: 07-Oct-2020 20:26:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-A-7

Lab Sample ID: 460-219430-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

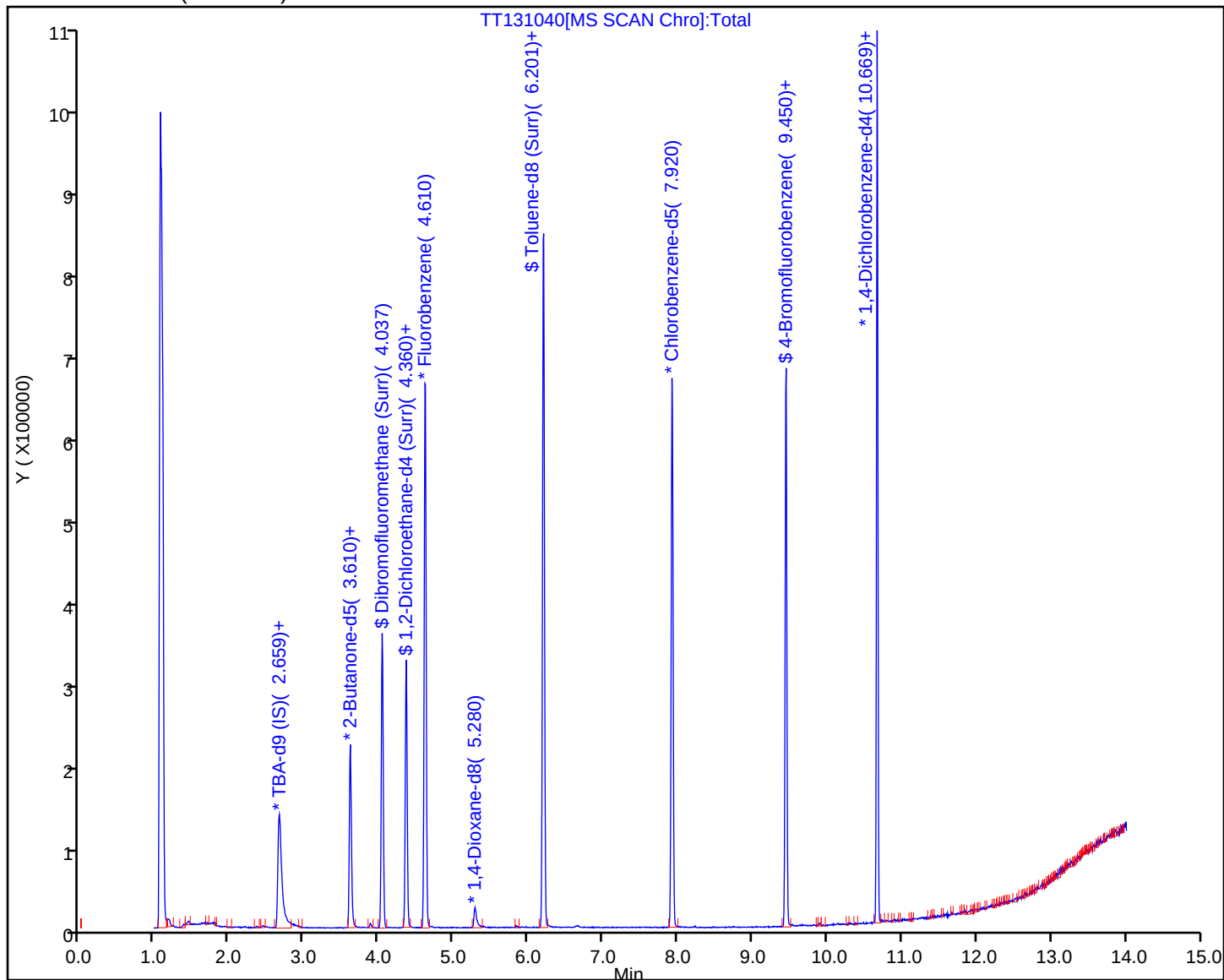
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D

Injection Date: 07-Oct-2020 20:26:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-A-7

Lab Sample ID: 460-219430-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

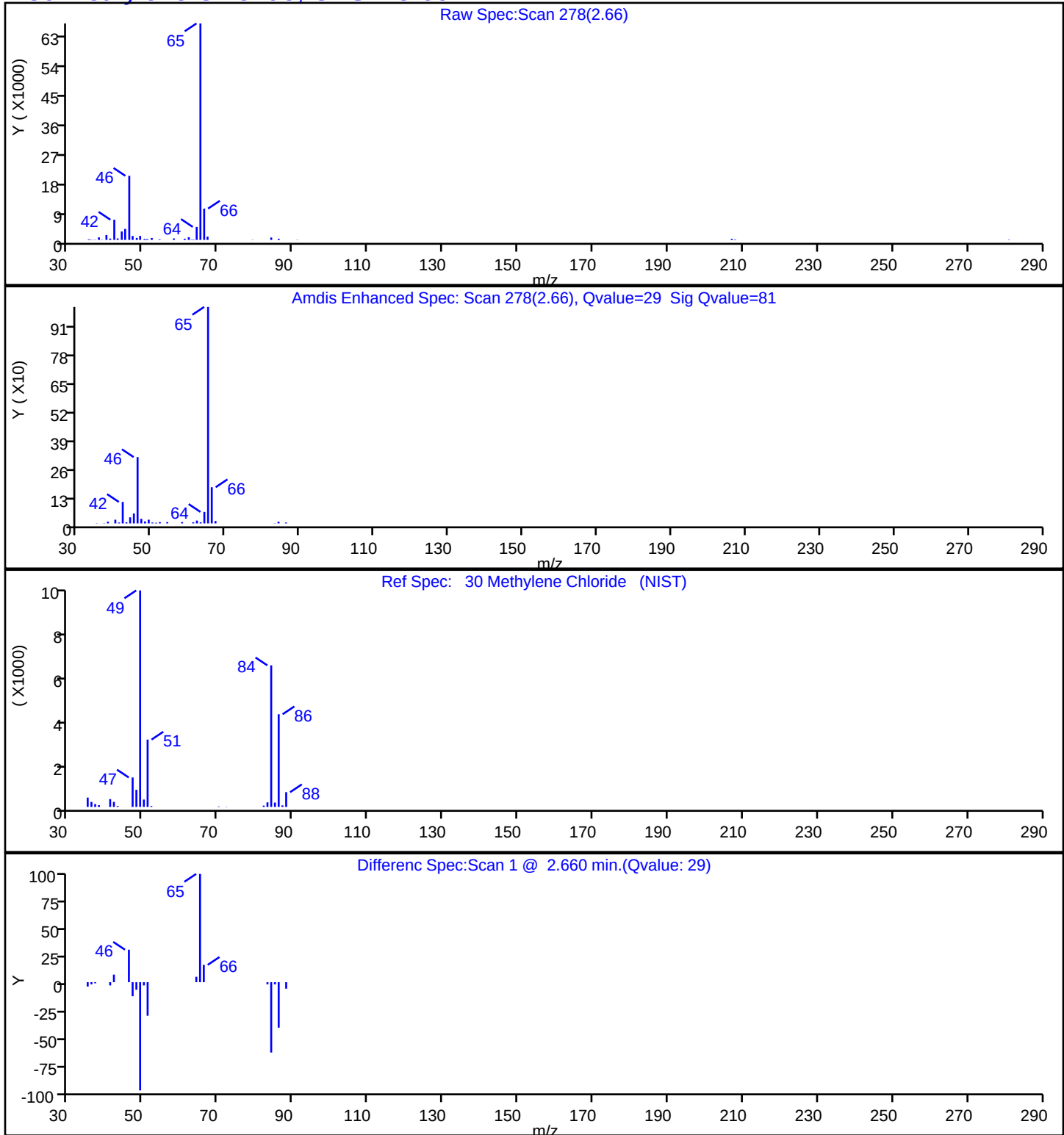
Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

30 Methylene Chloride, CAS: 75-09-2

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D

Injection Date: 07-Oct-2020 20:26:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-A-7

Lab Sample ID: 460-219430-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

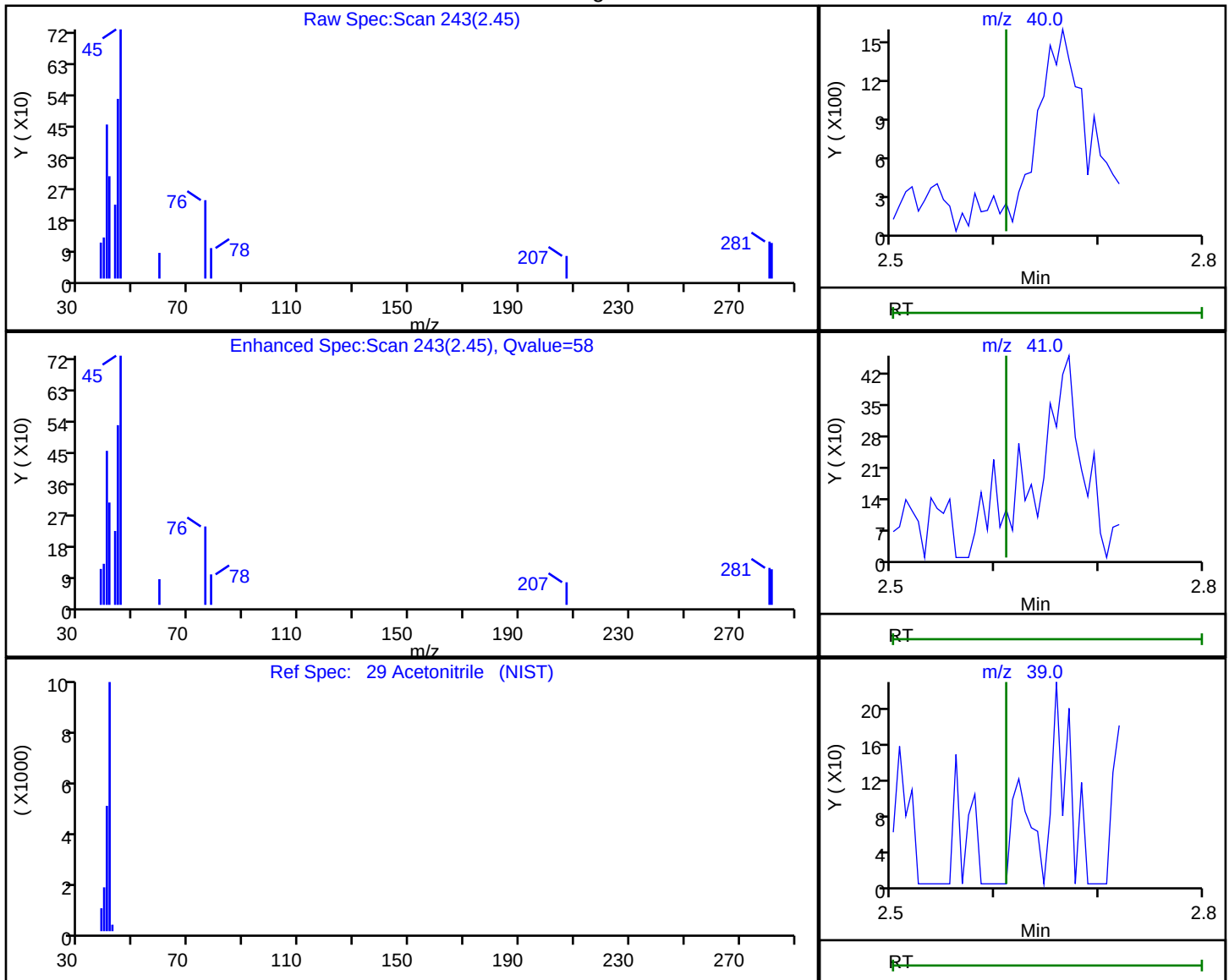
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.45	40.00	365	2.296258
2.45	41.00	312	
2.44	39.00	439	
2.46	38.00	172	

Reviewer: parekhv, 07-Oct-2020 20:45:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D

Injection Date: 07-Oct-2020 20:26:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-A-7

Lab Sample ID: 460-219430-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

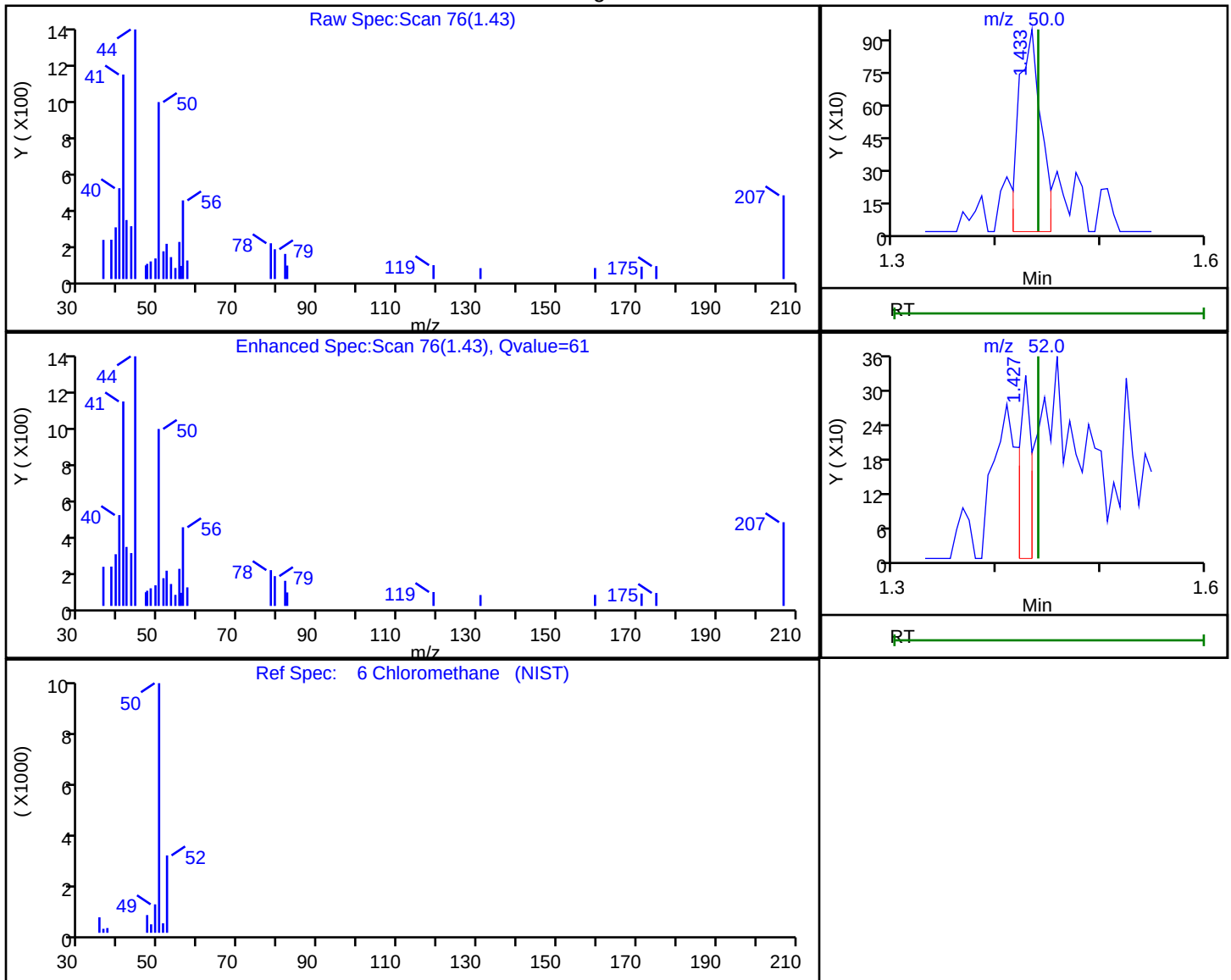
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.43	50.00	1400	0.296047
1.43	52.00	260	

Reviewer: desais, 08-Oct-2020 06:41:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D

Injection Date: 07-Oct-2020 20:26:30

Instrument ID: CVOAMS17

Lims ID: 460-219430-A-7

Lab Sample ID: 460-219430-7

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

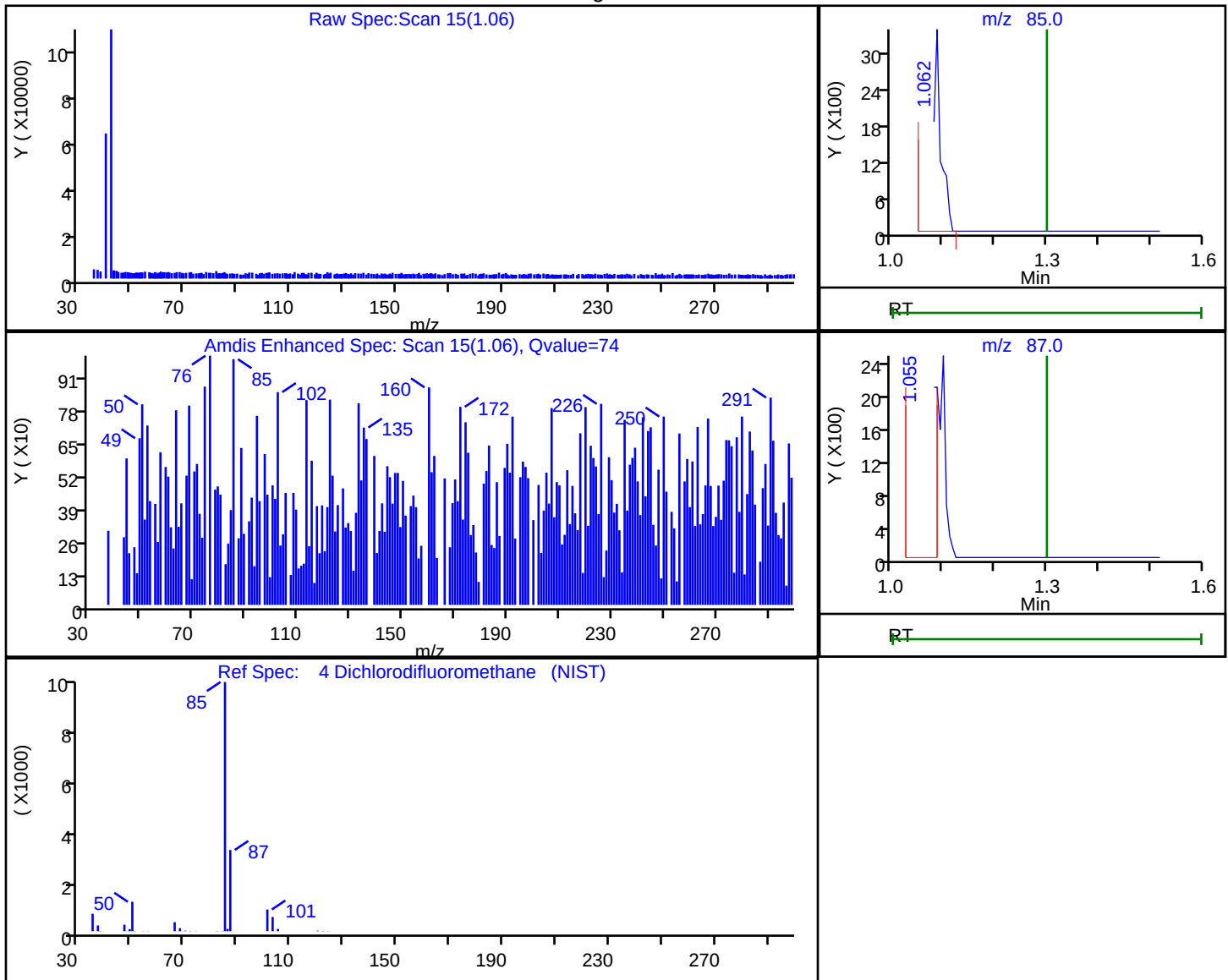
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.06	85.00	8308	1.387880
1.06	87.00	6268	

Reviewer: parekhv, 07-Oct-2020 20:45:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

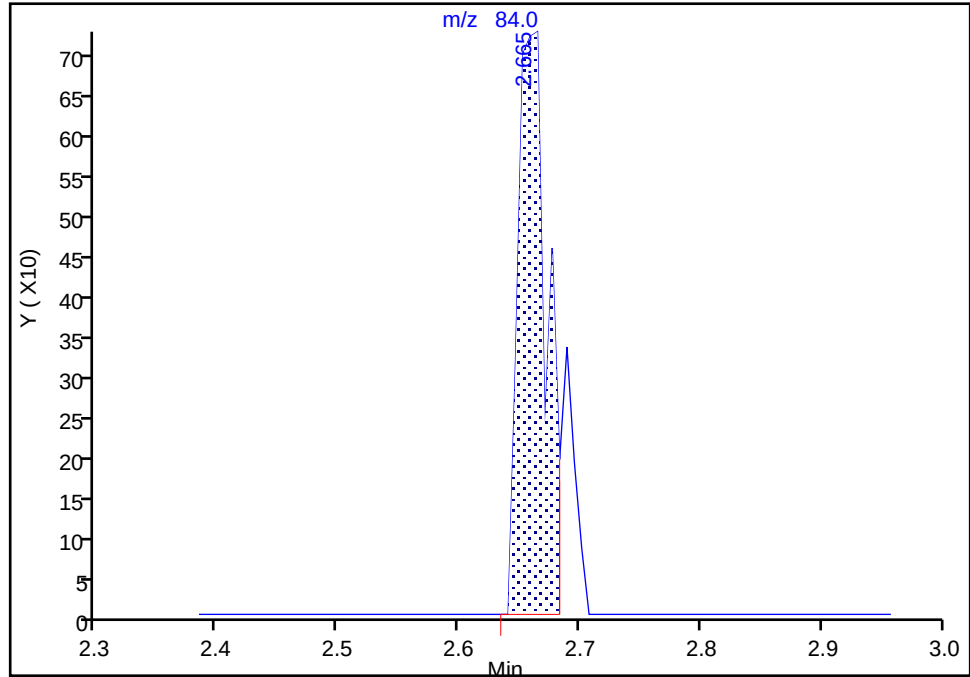
Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D		
Injection Date:	07-Oct-2020 20:26:30	Instrument ID:	CVOAMS17
Lims ID:	460-219430-A-7	Lab Sample ID:	460-219430-7
Client ID:	Trip Blank		
Operator ID:		ALS Bottle#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector:	MS Quad
		Worklist Smp#:	8

30 Methylene Chloride, CAS: 75-09-2

Signal: 1

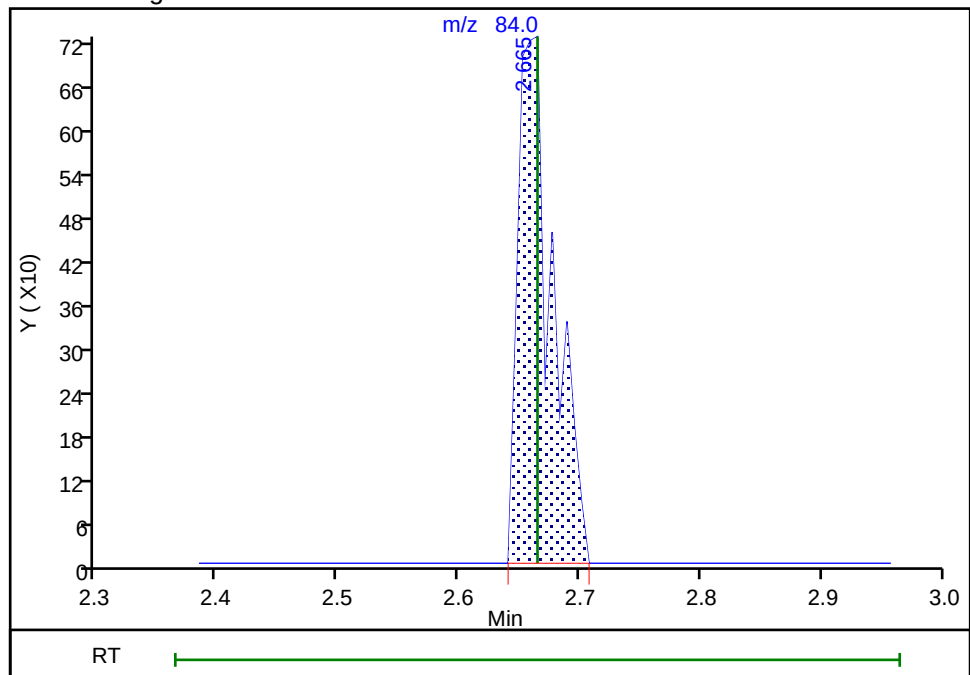
RT: 2.66
Area: 1230
Amount: 0.323584
Amount Units: ug/l

Processing Integration Results



RT: 2.66
Area: 1453
Amount: 0.382250
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Oct-2020 11:49:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

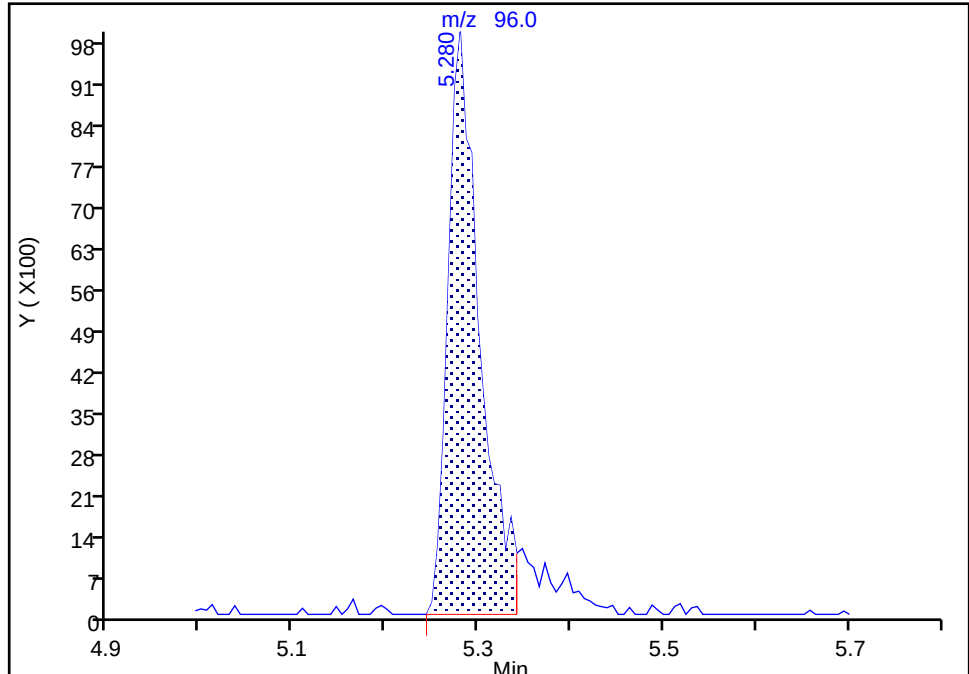
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131040.D
Injection Date: 07-Oct-2020 20:26:30 Instrument ID: CVOAMS17
Lims ID: 460-219430-A-7 Lab Sample ID: 460-219430-7
Client ID: Trip Blank
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

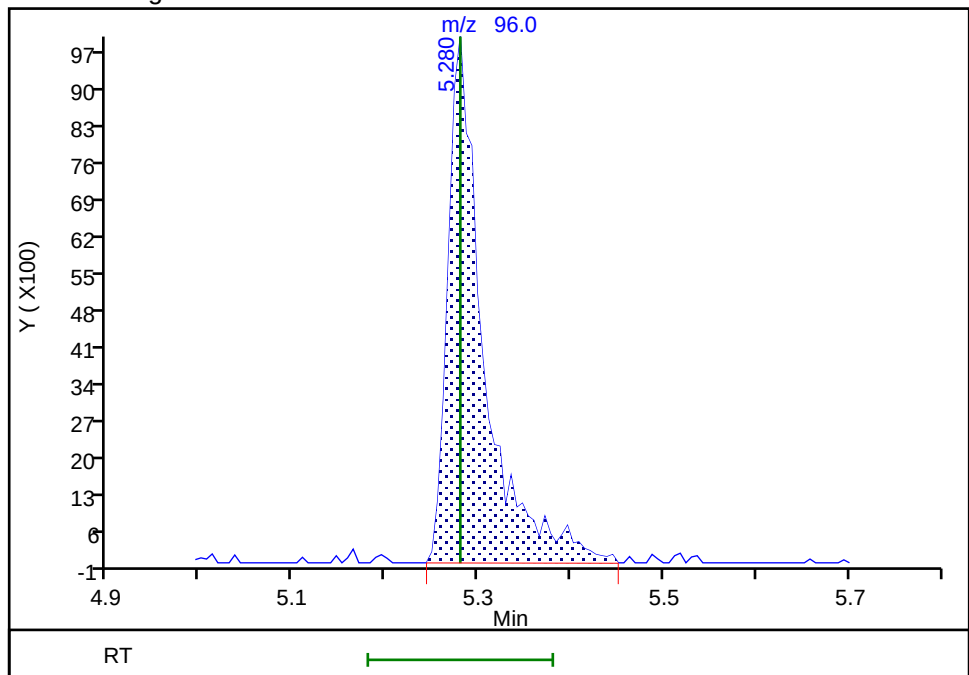
RT: 5.28
Area: 23773
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 26800
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Oct-2020 11:48:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-728741/3	TT130786.D
Level 2	STD05 460-728741/4	TT130787.D
Level 3	STD1 460-728741/5	TT130788.D
Level 4	STD5 460-728741/6	TT130789.D
Level 5	STD20 460-728741/7	TT130790.D
Level 6	STD50 460-728741/8	TT130791.D
Level 7	STD200 460-728741/9	TT130792.D
Level 8	STD500 460-728741/10	TT130793.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	++++ 0.0494	0.0162 0.0400	0.0552 0.0440	0.0402	0.0386	QuaF		0.0389	0.0000102						0.9990		0.9900
Chlorotrifluoroethene	++++ 0.1506	0.1435 0.1290	0.1504 0.1455	0.1299	0.1279	Ave		0.1396				7.4	20.0				
1,1-Difluoroethane	++++ 0.3155	0.2839 0.2825	0.3100 0.3288	0.3036	0.2948	Ave		0.3027				5.6	20.0				
Dichlorodifluoromethane	++++ 0.5831	0.4977 0.5576	0.5198 0.5491	0.5312	0.4989	Ave		0.5339			0.1000	5.9	20.0				
Chlorodifluoromethane	++++ 0.4921	0.5749 0.4075	0.4069 0.4166	0.4363	0.4655	Ave		0.4571				13.3	20.0				
Chloromethane	++++ 0.4428	0.5092 0.4053	0.3766 0.4004	0.3977	0.4205	Ave		0.4218			0.1000	10.3	20.0				
Butadiene	0.4716 0.3600	0.4078 0.3280	0.3647 0.3226	0.3309	0.3132	Ave		0.3624				14.8	20.0				
Vinyl chloride	++++ 0.4486	0.4420 0.4144	0.4517 0.4011	0.4167	0.4113	Ave		0.4265			0.1000	4.8	20.0				
Bromomethane	++++ 3.8968	3.6671 3.2835	3.6448 3.1857	3.4545	3.6462	Ave		3.5398			0.1000	7.0	20.0				
Chloroethane	++++ 2.6397	3.1440 2.2497	3.3788 2.1970	2.5015	2.4762	Ave		2.6553			0.1000	16.8	20.0				
Dichlorofluoromethane	++++ 0.6805	0.7637 0.5969	0.5906 0.5613	0.6314	0.6412	Ave		0.6379				10.6	20.0				
Trichlorofluoromethane	++++ 0.6357	0.6107 0.5592	0.5658 0.5274	0.5826	0.5855	Ave		0.5810			0.1000	6.1	20.0				
Pentane	++++ 0.0476	0.0307 0.0407	0.0488 0.0424	0.0497	0.0419	Ave		0.0431				15.2	20.0				
Ethanol	++++ 0.2864	0.1142 0.2715	0.1659 0.3026	0.2344	0.2516	QuaF		0.2549	0.0000024						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.: 460-219430-1 Analy Batch No.: 728741
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	++++ 0.1503	0.1632 0.1249	0.1451 0.1288	0.1403	0.1434	Ave		0.1423				9.1		20.0			
2-Methyl-1,3-butadiene	++++ 0.2432	0.2355 0.2171	0.2145 0.2224	0.2317	0.2228	Ave		0.2268				4.6		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2973	0.2856 0.2412	0.3040 0.2596	0.2831	0.2906	Ave		0.2802				7.9		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.4374	0.3889 0.3474	0.4165 0.3678	0.3880	0.4187	Ave		0.3950				8.0		20.0			
Acrolein	++++ 7.0628	6.5021 6.5209	6.0821 6.2710	7.6199	7.3043	Ave		6.7662				8.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.3149	0.3647 0.2485	0.3000 0.2515	0.2974	0.2880	Ave		0.2950			0.1000	13.4		20.0			
1,1-Dichloroethene	++++ 0.2900	0.3357 0.2298	0.2967 0.2438	0.2789	0.2738	Ave		0.2784			0.1000	12.6		20.0			
Acetone	++++ 0.8199	1.0271 0.7299	0.9654 0.8793	0.8849	0.8372	Ave		0.8777			0.0500	11.1		20.0			
Iodomethane	++++ 0.6392	0.6123 0.5040	0.5756 0.5350	0.5935	0.6120	Ave		0.5817				8.2		20.0			
Isopropyl alcohol	++++ 3.8069	3.3382 3.1773	3.9158 3.4936	4.2847	3.7777	Ave		3.6849				10.2		20.0			
Carbon disulfide	++++ 1.1379	1.1238 0.8875	1.1595 0.9428	1.0826	1.0904	Ave		1.0607			0.1000	9.8		20.0			
Allyl chloride	++++ 0.1718	0.1416 0.1365	0.1668 0.1506	0.1606	0.1611	Ave		0.1556				8.4		20.0			
Methyl acetate	++++ 0.1695	0.1727 0.1379	0.1833 0.1461	0.1815	0.1761	Ave		0.1667			0.1000	10.6		20.0			
Cyclopentene	++++ 0.6317	0.6853 0.5506	0.5838 0.5703	0.6022	0.5966	Ave		0.6029				7.4		20.0			
Acetonitrile	++++ 0.1998	0.1718 0.1593	0.1296 0.1640	0.2798	0.2129	QuaF		0.1635	0						0.9990		0.9900
Methylene Chloride	++++ 0.3354	0.4654 0.2651	0.3390 0.2904	0.3384	0.3394	Ave		0.3390			0.1000	18.6		20.0			
2-Methyl-2-propanol	++++ 7.8758	9.2572 6.2381	7.7694 7.0386	7.5218	6.5889	Ave		7.4700				13.3		20.0			
Methyl tert-butyl ether	++++ 0.7875	0.7707 0.6300	0.8074 0.6349	0.7796	0.7603	Ave		0.7386			0.1000	10.0		20.0			
trans-1,2-Dichloroethene	++++ 0.3003	0.3069 0.2395	0.3163 0.2521	0.2982	0.2952	Ave		0.2869			0.1000	10.2		20.0			
Acrylonitrile	0.0848 0.0943	0.0870 0.0746	0.0883 0.0802	0.0920	0.0896	Ave		0.0864				7.4		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexane	++++ 0.3049	0.2617 0.2512	0.2689 0.2743	0.3155	0.2750	Ave		0.2788				8.3		20.0			
Isopropyl ether	++++ 0.7832	0.7305 0.6755	0.6691 0.6783	0.7375	0.7333	Ave		0.7154				5.9		20.0			
1,1-Dichloroethane	++++ 0.5147	0.4832 0.4131	0.4623 0.4397	0.4769	0.4973	Ave		0.4696			0.2000	7.4		20.0			
Vinyl acetate	++++ 0.5173	0.2921 0.3868	0.3935 0.3953	0.4547	0.4401	Ave		0.4114				17.0		20.0			
2-Chloro-1,3-butadiene	++++ 0.2508	0.2186 0.2134	0.2096 0.2173	0.2220	0.2372	Ave		0.2241				6.5		20.0			
Tert-butyl ethyl ether	++++ 0.7989	0.5601 0.6958	0.6816 0.6976	0.7460	0.7678	Ave		0.7068				11.0		20.0			
2,2-Dichloropropane	++++ 0.0986	0.0695 0.0842	0.1017 0.0918	0.0939	0.0969	Ave		0.0910				12.1		20.0			
cis-1,2-Dichloroethene	++++ 0.3214	0.3197 0.2665	0.3095 0.2862	0.3053	0.3166	Ave		0.3036			0.1000	6.7		20.0			
2-Butanone (MEK)	++++ 0.3133	0.3930 0.2519	0.3895 0.2714	0.3110	0.3099	Ave		0.3200			0.0500	16.8		20.0			
Ethyl acetate	++++ 0.2842	0.2389 0.2419	0.2217 0.2378	0.2785	0.2848	Ave		0.2554				10.3		20.0			
Methyl acrylate	++++ 0.2075	0.2013 0.1790	0.1740 0.1913	0.2015	0.2007	Ave		0.1936				6.6		20.0			
Propionitrile	++++ 8.6511	9.3173 7.4609	9.1901 8.4296	9.2377	8.3310	Ave		8.6597				7.7		20.0			
Chlorobromomethane	++++ 0.1797	0.1621 0.1451	0.1563 0.1558	0.1712	0.1703	Ave		0.1629				7.2		20.0			
Tetrahydrofuran	++++ 0.3405	0.3610 0.2725	0.4361 0.3011	0.3329	0.3143	Ave		0.3369				15.5		20.0			
Methacrylonitrile	++++ 0.1022	0.0890 0.0873	0.0989 0.0868	0.0987	0.1007	Ave		0.0948				7.1		20.0			
Chloroform	++++ 0.5293	0.4996 0.4086	0.5645 0.4157	0.5193	0.5203	Ave		0.4939			0.2000	12.0		20.0			
Cyclohexane	++++ 0.4265	0.3677 0.3549	0.4032 0.3957	0.3916	0.3861	Ave		0.3894			0.1000	6.0		20.0			
1,1,1-Trichloroethane	++++ 0.5368	0.5866 0.4293	0.5202 0.4499	0.5224	0.5128	Ave		0.5083			0.1000	10.5		20.0			
Carbon tetrachloride	++++ 0.4609	0.4719 0.3848	0.4894 0.4106	0.4378	0.4400	Ave		0.4422			0.1000	8.1		20.0			
1,1-Dichloropropene	++++ 0.3665	0.3712 0.3001	0.3283 0.3246	0.3594	0.3477	Ave		0.3425				7.6		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	++++ 3.7048	3.6324 3.7458	3.6246 4.2926	3.9524	3.5119	Ave		3.7806				7.0		20.0			
2,2,4-Trimethylpentane	++++ 0.9049	0.7314 0.8551	0.7763 0.9343	0.7541	0.7475	Ave		0.8148				10.1		20.0			
Benzene	++++ 1.3700	1.6825 1.0093	1.4139 1.0286	1.4554	1.4458	Ave		1.3437			0.5000	18.1		20.0			
Tert-amyl methyl ether	++++ 0.9465	0.7302 0.7879	0.8063 0.7677	0.9016	0.9155	Ave		0.8365				10.0		20.0			
Isopropyl acetate	++++ 0.1262	0.0856 0.1085	0.1328 0.1127	0.1210	0.1281	Ave		0.1164				13.8		20.0			
1,2-Dichloroethane	++++ 0.4150	0.4853 0.3220	0.4160 0.3379	0.4218	0.4150	Ave		0.4019			0.1000	13.8		20.0			
n-Heptane	++++ 0.0674	0.0711 0.0582	0.0586 0.0639	0.0625	0.0606	Ave		0.0632				7.5		20.0			
n-Butanol	++++ 1.3923	1.3722 1.4640	1.3133 1.7682	1.4649	1.3244	Ave		1.4427				10.8		20.0			
Trichloroethene	++++ 0.2856	0.3053 0.2444	0.2950 0.2649	0.2769	0.2818	Ave		0.2791			0.2000	7.2		20.0			
Methylcyclohexane	++++ 0.4739	0.4454 0.4215	0.4365 0.4749	0.4113	0.4081	Ave		0.4388			0.1000	6.3		20.0			
Ethyl acrylate	++++ 0.0390	0.0130 0.0370	0.0369 0.0398	0.0377	0.0379	QuaF		0.0357	0.0000081						1.0000		0.9900
1,2-Dichloropropane	++++ 0.2423	0.1879 0.2061	0.2191 0.2277	0.2268	0.2306	Ave		0.2201			0.1000	8.2		20.0			
Methyl methacrylate	++++ 0.0693	0.0523 0.0640	0.0474 0.0686	0.0676	0.0670	Ave		0.0623				14.1		20.0			
1,4-Dioxane	++++ 1.3268	1.0323 1.2125	0.8924 1.3522	1.1980	1.1343	Ave		1.1641				13.9		20.0			
Dibromomethane	++++ 0.1839	0.1900 0.1520	0.1719 0.1646	0.1751	0.1788	Ave		0.1737				7.2		20.0			
n-Propyl acetate	++++ 0.2948	0.2740 0.2646	0.2734 0.2881	0.2706	0.2716	Ave		0.2767				3.9		20.0			
Bromodichloromethane	++++ 0.3899	0.4123 0.3360	0.3445 0.3754	0.3658	0.3665	Ave		0.3700			0.2000	7.0		20.0			
2-Nitropropane	++++ 0.0643	0.1075 0.0650	0.0868 0.0760	0.0581	0.0572	QuaF		0.0583	0.0000177						1.0000		0.9900
2-Chloroethyl vinyl ether	++++ 0.1400	0.0832 0.1442	0.1136 0.1654	0.1173	0.1259	Qua2	-0.022	0.1290	0.0000740						0.9980		0.9900
Epichlorohydrin	++++ 0.2243 0.2615	0.1991 0.2282	0.2498 0.2589	0.2571	0.2472	Ave		0.2408				9.0		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.: 460-219430-1 Analy Batch No.: 728741
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	++++ 0.5680	0.5768 0.4660	0.5374 0.4894	0.5779	0.5623	Ave		0.5397			0.2000	8.3		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 2.3486	2.0866 2.0554	1.9830 2.1730	2.1352	2.1534	Ave		2.1336			0.0500	5.4		20.0			
Toluene	++++ 1.4402	1.5453 1.1293	1.4347 1.1743	1.4342	1.4240	Ave		1.3689			0.4000	11.3		20.0			
trans-1,3-Dichloropropene	++++ 0.5340	0.6334 0.4413	0.5173 0.4893	0.5169	0.5078	Ave		0.5200			0.1000	11.2		20.0			
Ethyl methacrylate	++++ 0.3895	0.3113 0.3373	0.3147 0.3643	0.3303	0.3519	Ave		0.3428				8.2		20.0			
1,1,2-Trichloroethane	++++ 0.2523	0.2522 0.2060	0.2527 0.2218	0.2443	0.2508	Ave		0.2422			0.1000	8.7		20.0			
Tetrachloroethene	++++ 0.4279	0.5381 0.3378	0.4427 0.3452	0.4290	0.4322	Ave		0.4219			0.2000	15.9		20.0			
1,3-Dichloropropane	++++ 0.5044	0.4719 0.4102	0.5156 0.4459	0.4864	0.4856	Ave		0.4743				7.6		20.0			
2-Hexanone	++++ 1.4268	1.2524 1.3182	1.2397 1.4693	1.2716	1.2864	Ave		1.3235			0.0500	6.8		20.0			
n-Butyl acetate	++++ 0.4016	0.4236 0.3555	0.3301 0.3702	0.3880	0.3978	Ave		0.3810				8.3		20.0			
Dibromochloromethane	++++ 0.3984	0.3067 0.3257	0.3805 0.3458	0.3992	0.3960	Ave		0.3646			0.1000	10.5		20.0			
1,2-Dibromoethane	++++ 0.3268	0.3200 0.2637	0.3028 0.2928	0.3156	0.3212	Ave		0.3061			0.1000	7.2		20.0			
Chlorobenzene	++++ 1.0007	1.0017 0.8158	1.0266 0.8565	0.9846	0.9706	Ave		0.9509			0.5000	8.5		20.0			
Ethylbenzene	++++ 0.5338	0.4884 0.4206	0.4651 0.4412	0.4926	0.5122	Ave		0.4791			0.1000	8.3		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.4496	0.4831 0.3415	0.3906 0.3427	0.4396	0.4334	Ave		0.4115				13.3		20.0			
m&p-Xylene	++++ 0.6467	0.5243 0.5197	0.5556 0.5620	0.6012	0.6206	Ave		0.5757			0.1000	8.4		20.0			
o-Xylene	++++ 0.6876	0.5702 0.5762	0.6314 0.6295	0.6085	0.6315	Ave		0.6193			0.3000	6.4		20.0			
n-Butyl acrylate	++++ 0.2425	0.1725 0.2083	0.2095 0.2140	0.2133	0.2146	Ave		0.2107				9.7		20.0			
Styrene	++++ 1.0490	0.7761 0.8543	0.8698 0.9080	0.8785	0.9433	Ave		0.8970			0.3000	9.4		20.0			
Bromoform	++++ 0.2810	0.2350 0.2378	0.2712 0.2782	0.2898	0.2726	Ave		0.2665			0.1000	8.1		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.: 460-219430-1 Analy Batch No.: 728741
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	++++ 0.8749	0.7041 0.8154	0.6755 0.8636	0.7199	0.7867	Ave		0.7772				10.2		20.0			
Isopropylbenzene	++++ 1.8998	1.4741 1.5399	1.5903 1.6170	1.7052	1.7814	Ave		1.6582			0.1000	8.9		20.0			
Bromobenzene	++++ 0.8368	0.7376 0.7208	0.7589 0.8168	0.7407	0.7723	Ave		0.7691				5.6		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7132	0.7083 0.6189	0.6746 0.6724	0.6284	0.6662	Ave		0.6689			0.3000	5.4		20.0			
N-Propylbenzene	++++ 3.6019	3.0203 3.0580	3.0977 3.1335	2.9958	3.2722	Ave		3.1685				6.7		20.0			
1,2,3-Trichloropropane	++++ 0.2347	0.1892 0.1891	0.2180 0.1906	0.2243	0.2229	Ave		0.2098				9.3		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1790	0.0482 0.1580	0.0900 0.1711	0.1362	0.1557	Qua2	-0.058	0.1585	0.0000252						0.9950		0.9900
2-Chlorotoluene	++++ 2.4985	1.8641 2.0872	2.2108 2.1741	2.1811	2.3372	Ave		2.1933				9.0		20.0			
4-Ethyltoluene	++++ 3.0395	2.3562 2.5863	2.4823 2.5763	2.5157	2.8492	Ave		2.6294				8.9		20.0			
1,3,5-Trimethylbenzene	++++ 2.7865	2.1073 2.3406	2.1212 2.4850	2.2120	2.5615	Ave		2.3734				10.6		20.0			
4-Chlorotoluene	++++ 2.3805	2.1859 1.9047	2.2448 2.0434	2.1493	2.2948	Ave		2.1719				7.3		20.0			
Butyl Methacrylate	++++ 0.7210	0.2798 0.7423	0.3730 0.8375	0.4633	0.5837	QuaF		0.6797	0.0003156						1.0000		0.9900
tert-Butylbenzene	++++ 2.4275	1.9181 2.1428	1.8571 2.3861	1.8931	2.2019	Ave		2.1181				11.1		20.0			
1,2,4-Trimethylbenzene	++++ 2.8837	2.1350 2.4334	2.0973 2.5703	2.2811	2.6340	Ave		2.4335				11.7		20.0			
sec-Butylbenzene	++++ 3.6722	2.8491 3.2292	2.8219 3.4854	2.8493	3.3031	Ave		3.1729				10.8		20.0			
1,3-Dichlorobenzene	++++ 1.5803	1.4860 1.3242	1.5808 1.4836	1.4533	1.5097	Ave		1.4883			0.6000	5.9		20.0			
4-Isopropyltoluene	++++ 3.2575	2.3293 2.7248	2.4408 2.8791	2.5930	2.8822	Ave		2.7295				11.5		20.0			
1,4-Dichlorobenzene	++++ 1.5645	1.5516 1.2630	1.6141 1.4355	1.4928	1.5103	Ave		1.4902			0.5000	7.7		20.0			
1,2,3-Trimethylbenzene	++++ 2.9771	2.1034 2.6361	2.4299 2.6563	2.5224	2.7266	Ave		2.5788				10.5		20.0			
Benzyl chloride	++++ 1.2283	0.9877 1.1768	1.0322 1.3637	0.9985	1.1092	Ave		1.1281				12.2		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.: 460-219430-1 Analy Batch No.: 728741
SDG No.: _____
Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Indan	++++ 2.7440	2.2803 2.4621	2.4788 2.5561	2.3834	2.5843	Ave		2.4984				6.0		20.0			
p-Diethylbenzene	++++ 1.6643	1.2533 1.4816	1.3040 1.5952	1.4406	1.5675	Ave		1.4724				10.3		20.0			
n-Butylbenzene	++++ 1.5729	1.3153 1.2968	1.2341 1.4195	1.4254	1.4994	Ave		1.3948				8.6		20.0			
1,2-Dichlorobenzene	++++ 1.5757	1.4325 1.2634	1.4506 1.3795	1.5541	1.5566	Ave		1.4589			0.4000	7.8		20.0			
1,2,4,5-Tetramethylbenzene	++++ 3.4101	2.4911 3.3875	2.5184 3.3413	2.5944	3.0032	Ave		2.9637				14.3		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.2144	0.1649 0.1950	0.1624 0.2227	0.1925	0.2013	Ave		0.1933			0.0500	11.8		20.0			
1,3,5-Trichlorobenzene	++++ 1.6098	1.3192 1.4884	1.4405 1.5116	1.4495	1.4997	Ave		1.4741				6.0		20.0			
1,2,4-Trichlorobenzene	++++ 1.6017	1.5296 1.4258	1.4627 1.5069	1.4466	1.4726	Ave		1.4923			0.2000	4.0		20.0			
Hexachlorobutadiene	++++ 0.8153	0.7311 0.7415	0.7672 0.7784	0.6954	0.7257	Ave		0.7507				5.3		20.0			
Naphthalene	++++ 3.2555	2.6141 2.8318	2.5855 2.9393	2.7073	2.9536	Ave		2.8410				8.2		20.0			
1,2,3-Trichlorobenzene	++++ 1.4997	1.2980 1.2877	1.2934 1.3019	1.3282	1.4058	Ave		1.3449				5.9		20.0			
Dibromofluoromethane (Surr)	0.3206 0.3152	0.3141 0.2983	0.3205 0.2789	0.3185	0.3241	Ave		0.3113				4.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3735 0.3711	0.3710 0.3644	0.3803 0.3480	0.3867	0.3795	Ave		0.3718				3.2		20.0			
Toluene-d8 (Surr)	1.4265 1.3868	1.4090 1.2704	1.4102 1.1554	1.4261	1.3990	Ave		1.3604				7.1		20.0			
4-Bromofluorobenzene	0.4950 0.4779	0.4909 0.4731	0.4943 0.4838	0.4991	0.4841	Ave		0.4873				1.9		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-728741/3	TT130786.D
Level 2	STD05 460-728741/4	TT130787.D
Level 3	STD1 460-728741/5	TT130788.D
Level 4	STD5 460-728741/6	TT130789.D
Level 5	STD20 460-728741/7	TT130790.D
Level 6	STD50 460-728741/8	TT130791.D
Level 7	STD200 460-728741/9	TT130792.D
Level 8	STD500 460-728741/10	TT130793.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Monochloropentafluoroethane	FB	QuaF	++++ 29328	102 102016	711 308929	2557	9775	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorotrifluoroethene	FB	Ave	++++ 89475	902 329175	1936 1021687	8257	32388	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Difluoroethane	FB	Ave	++++ 187438	1784 720995	3990 2308433	19298	74626	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 346434	3128 1423197	6689 3855384	33766	126289	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 292365	3613 1039955	5236 2924842	27735	117846	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 263096	3200 1034312	4847 2811409	25283	106438	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	1603 213855	2563 837021	4694 2264874	21037	79290	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 266531	2778 1057638	5813 2816004	26490	104109	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Ave	++++ 216427	2103 812035	4233 2197775	20385	86620	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloroethane	BUT	Ave	++++ 146608	1803 556371	3924 1515659	14761	58825	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 404293	4800 1523435	7600 3941056	40136	162326	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 377667	3838 1427349	7281 3702776	37035	148208	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	++++ 56505	386 207598	1256 595145	6323	21191	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	QuaF	++++ 27490	114 113838	320 335331	2250	10321	++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++ 89274	1026 318774	1867 904504	8919	36301	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	++++ 144497	1480 554197	2761 1561805	14727	56408	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 176616	1795 615526	3912 1822375	17997	73570	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 259888	2444 886674	5360 2582028	24663	106002	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 33896	649 68342	1173 138986	7315	14984	++++ 100	2.00 200	4.00 400	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 187058	2292 634343	3861 1765942	18909	72912	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethene	FB	Ave	++++ 172314	2110 586585	3818 1711740	17727	69315	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	++++ 227689	2945 902618	5606 3032890	26110	99439	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	Ave	++++ 379749	3848 1286411	7408 3756268	37729	154936	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 91350	833 332990	1888 967869	10283	38748	++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	++++ 676047	7063 2265214	14922 6619587	68823	276035	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Allyl chloride	FB	Ave	++++ 102046	890 348501	2146 1057188	10210	40774	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 201387	2171 704053	4719 2052077	23076	89136	++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	++++ 375322	4307 1405275	7513 4004025	38285	151027	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	QuaF	++++ 110966	985 393931	1505 1131228	16513	50585	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 199247	2925 676702	4363 2038922	21515	85928	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Methyl-2-propanol	TBAd 9	Ave	++++ 188988	2310 653781	3746 1949976	18052	67582	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 467847	4844 1607805	10391 4457989	49562	192477	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 178436	1929 611218	4071 1770325	18959	74719	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2307 560386	5468 1905255	11367 5627341	58490	226751	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 181161	1645 641087	3461 1925679	20054	69604	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 465322	4591 1724015	8611 4762664	46886	185633	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	+++++ 305801	3037 1054333	5950 3086817	30317	125901	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 57466	335 191315	914 545392	5366	20912	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 149013	1374 544674	2698 1525556	14113	60052	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 474653	3520 1775831	8772 4898179	47425	194381	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 58585	437 214939	1309 644767	5967	24525	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 190924	2009 680221	3983 2009577	19405	80138	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 87000	1127 311495	2262 936071	9177	36807	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 31572	274 119625	515 328099	3287	13532	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 123265	1265 456964	2239 1342931	12809	50809	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	+++++ 207591	2325 781932	4431 2335339	22170	85451	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 106735	1019 370303	2012 1093910	10882	43101	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrahydrofuran	BUT	Ave	+++++ 37827	414 134798	1013 415445	3929	14935	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	+++++ 607451	5595 2228729	12722 6091550	62733	254901	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 314459	3140 1042917	7264 2918699	33015	131720	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 253378	2311 905774	5189 2778319	24895	97751	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 318931	3687 1095763	6694 3159095	33208	129825	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 273821	2966 982002	6298 2882757	27830	111382	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 217765	2333 765830	4225 2279262	22847	88009	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	+++++ 222253	2266 981427	4369 2973039	23714	90054	+++++ 1250	12.5 5000	25.0 12500	125	500
2,2,4-Trimethylpentane	FB	Ave	+++++ 537620	4597 2182420	9990 6559429	47936	189220	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	+++++ 614529	7345 2163020	12453 6351724	63404	260860	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	++++ 562308	4589 2010935	10377 5389984	57317	231770	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 74985	538 276993	1709 791618	7694	32432	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 246574	3050 821813	5353 2372068	26815	105069	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 40022	447 148470	754 448990	3973	15330	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 83525	856 383582	1583 1224629	8789	33961	++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	++++ 169670	1919 623770	3796 1859655	17600	71338	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++ 281568	2799 1075899	5618 3334031	26145	103299	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl acrylate	FB	QuaF	++++ 23151	82 94560	475 279504	2395	9598	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 143937	1181 526139	2820 1599000	14420	58380	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 82358	657 326840	1219 962815	8597	33904	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 38558	825 135791	1301 423033	3585	15300	++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	++++ 109236	1194 388044	2212 1155646	11131	45252	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 175169	1722 675441	3519 2022752	17201	68743	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromodichloromethane	FB	Ave	++++ 231658	2591 857454	4433 2635532	23252	92774	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	++++ 76344	1351 331801	2234 1067223	7393	28950	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Qua2	++++ 83393	524 368810	1465 1163966	7477	31945	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1404 290512	2284 1128936	5802 3571708	30346	117469	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 254797	2518 998615	4733 3021924	25177	101454	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 652203	5983 2541645	11515 7495452	62999	255783	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 646016	6746 2420087	12636 7251582	62481	256925	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 239541	2765 945778	4556 3021228	22519	91625	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	++++ 174732	1359 722794	2772 2249752	14391	63488	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 113186	1101 441423	2359 1369398	10643	45247	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 191958	2349 723974	3899 2131796	18688	77987	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 226259	2060 878963	4541 2753683	21189	87616	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 396226	3591 1629986	7199 5068048	37517	152794	++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	++++ 180168	1849 761755	2907 2286120	16903	71771	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromochloromethane	CBNZ d5	Ave	++++ 178714	1339 697954	3351 2135048	17389	71444	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromoethane	CBNZ d5	Ave	++++ 146582	1397 565037	2667 1807842	13750	57944	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 448902	4373 1748176	9042 5288631	42893	175114	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 239431	2132 901304	4096 2724430	21462	92414	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 201693	2109 731842	3440 2116166	19150	78190	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m&p-Xylene	CBNZ d5	Ave	++++ 290093	2289 1113602	4893 3470083	26192	111978	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 308417	2489 1234694	5561 3887128	26511	113934	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	++++ 108792	753 446445	1845 1321692	9291	38722	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Styrene	CBNZ d5	Ave	++++ 470546	3388 1830651	7661 5607001	38273	170202	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	++++ 126067	1026 509685	2389 1717957	12627	49177	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	++++ 222797	1827 925190	3678 2883918	20055	84476	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	++++ 852196	6435 3300064	14006 9985172	74286	321405	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	++++ 213082	1914 817818	4132 2727343	20635	82928	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	++++ 181623	1838 702253	3673 2245368	17506	71532	++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	++++ 917220	7837 3469625	16866 10463455	83458	351344	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,3-Trichloropropane	DCBd 4	Ave	++++ 59757	491 214524	1187 636382	6250	23934	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Qua2	++++ 45590	125 179281	490 571470	3794	16715	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	++++ 636240	4837 2368199	12037 7259732	60762	250951	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	++++ 773986	6114 2934468	13515 8602900	70083	305932	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 709576	5468 2655705	11549 8297856	61622	275043	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 606183	5672 2161104	12222 6823421	59877	246399	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	QuaF	++++ 183598	726 842212	2031 2796557	12907	62669	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 618147	4977 2431296	10111 7967638	52740	236425	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 734310	5540 2760974	11419 8582743	63547	282822	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 935101	7393 3663951	15364 11638575	79377	354670	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 402409	3856 1502439	8607 4954199	40486	162098	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 829500	6044 3091674	13289 9613915	72236	309473	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 398381	4026 1433007	8788 4793411	41588	162164	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 758094	5458 2991002	13230 8870121	70269	292761	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 312775	2563 1335213	5620 4553754	27817	119096	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 698742	5917 2793551	13496 8535528	66399	277482	++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	++++ 423816	3252 1681060	7100 5326574	40133	168308	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 400526	3413 1471349	6719 4740016	39710	161001	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 401241	3717 1433486	7898 4606558	43296	167138	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 868359	6464 3843536	13712 11157462	72275	322462	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 54597	428 221268	884 743624	5362	21618	++++ 50.0	0.500 200	1.00 500	5.00	20.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 728741

SDG No.: _____

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/03/2020 11:44 Calibration End Date: 10/03/2020 14:12 Calibration ID: 82212

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 409917	3423 1688767	7843 5047621	40382	161024	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 407878	3969 1617776	7964 5031847	40299	158118	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 207621	1897 841302	4177 2599256	19374	77919	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 828994	6783 3213032	14077 9815059	75422	317140	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 381883	3368 1461005	7042 4347414	37001	150948	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	217952 187253	197425 190341	206207 195839	202488	205089	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	253884 220452	233197 232517	244734 244360	245850	240159	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	668444 622091	615108 680615	621000 713481	621279	631045	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
4-Bromofluorobenzene	CBNZ d5	Ave	231939 214362	214312 253479	217686 298731	217444	218362	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 03-Oct-2020 11:44:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0117768-003
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:42:55 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:50:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.507	1.501	0.005	44	1603	0.2500	0.3254	Ma
* 31 TBA-d9 (IS)	66	2.671	2.665	0.006	99	45871	1000.0	1000.0	
35 Acrylonitrile	53	2.890	2.891	-0.001	92	2307	2.00	1.96	M
* 42 2-Butanone-d5	46	3.616	3.610	0.006	99	312983	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	97	217952	50.0	51.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.366	4.360	0.006	97	253884	50.0	50.2	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	679777	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.286	5.274	0.012	87	30163	1000.0	1000.0	
80 Epichlorohydrin	57	5.920	5.920	0.000	56	1404	5.00	4.66	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	668444	50.0	52.4	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	86	468603	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	231939	50.0	50.8	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	290157	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

Ethanol mix_00044	Amount Added: 0.00	Units: uL	
14DIOXINTER_00119	Amount Added: 0.00	Units: uL	
GASES Li_00388	Amount Added: 2.50	Units: uL	
8260MIX1COMB_00126	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00078	Amount Added: 20.00	Units: uL	
MIX I Hi_00130	Amount Added: 0.00	Units: uL	
524freon_00028	Amount Added: 0.00	Units: uL	
8FreonHi_00024	Amount Added: 0.00	Units: uL	
ACROLEIN W_00113	Amount Added: 0.00	Units: uL	
	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

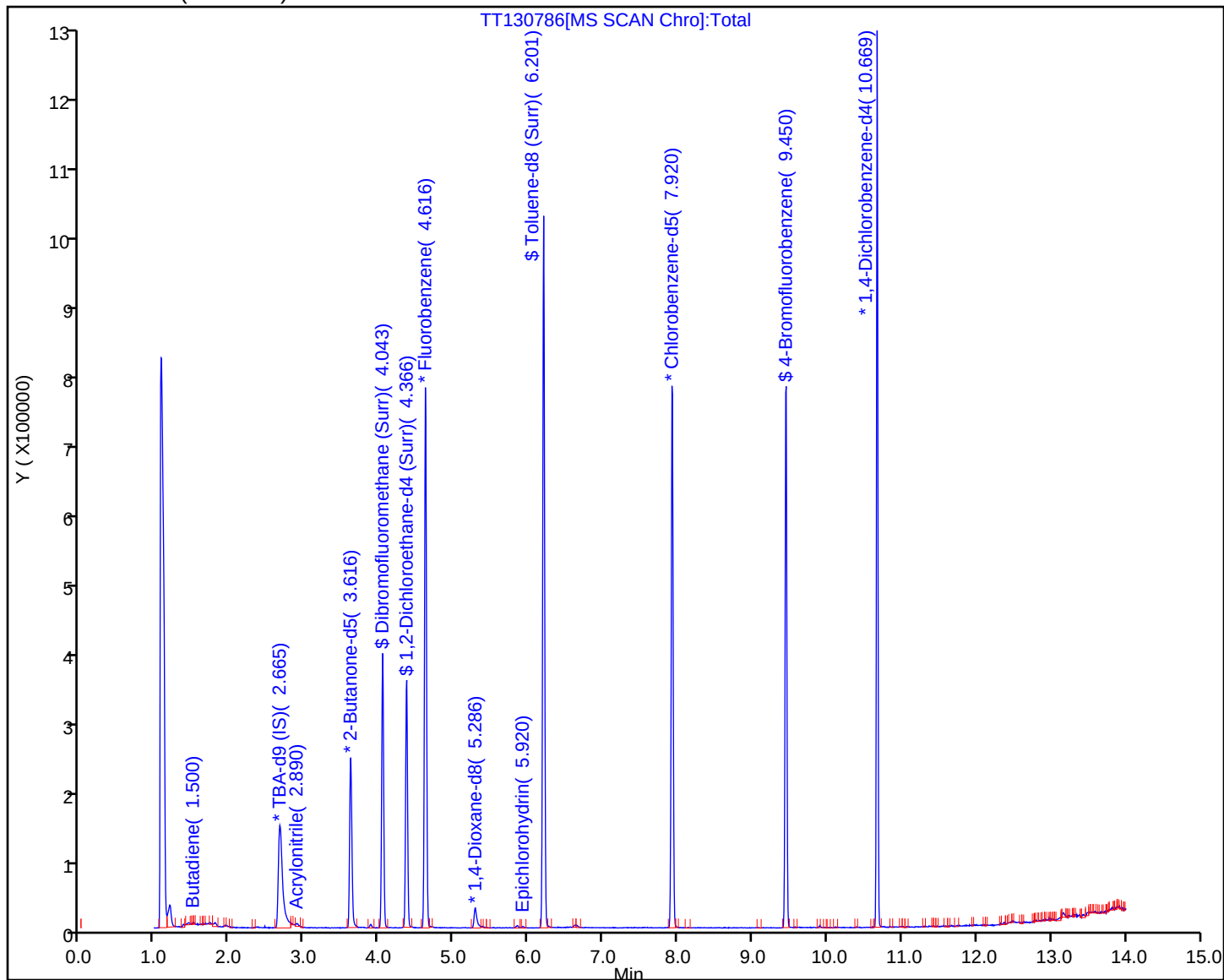
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

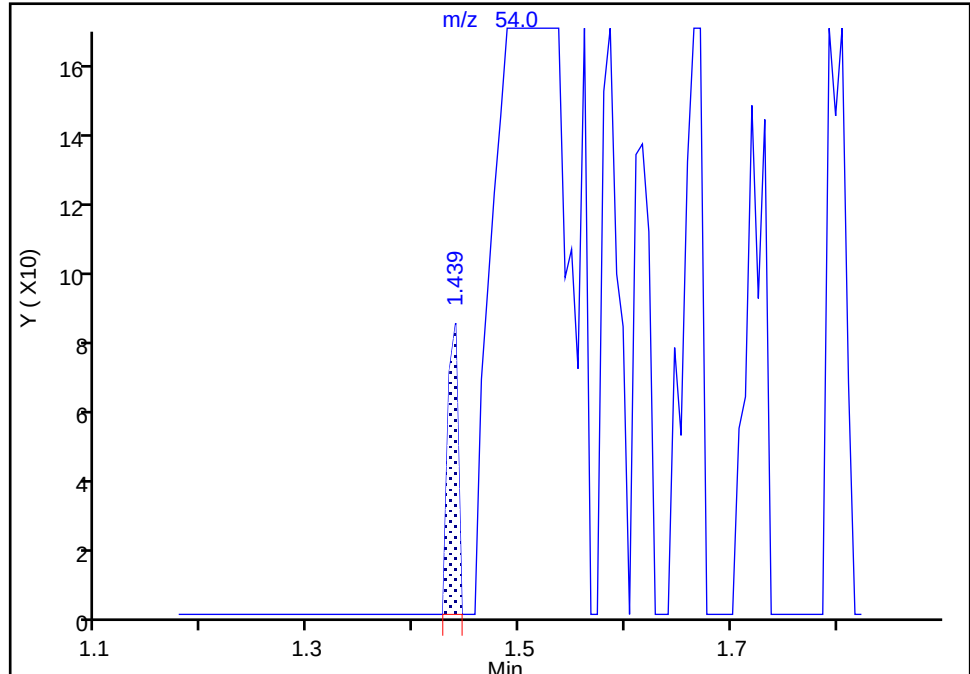
Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

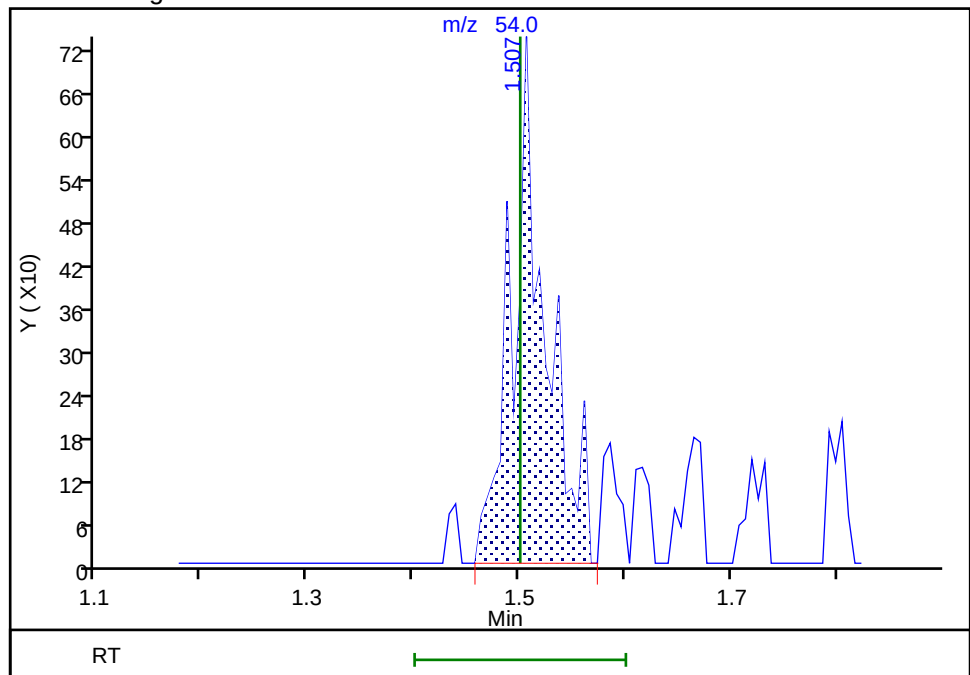
RT: 1.44
Area: 56
Amount: 0.012292
Amount Units: ug/l

Processing Integration Results



RT: 1.51
Area: 1603
Amount: 0.325392
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:29:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

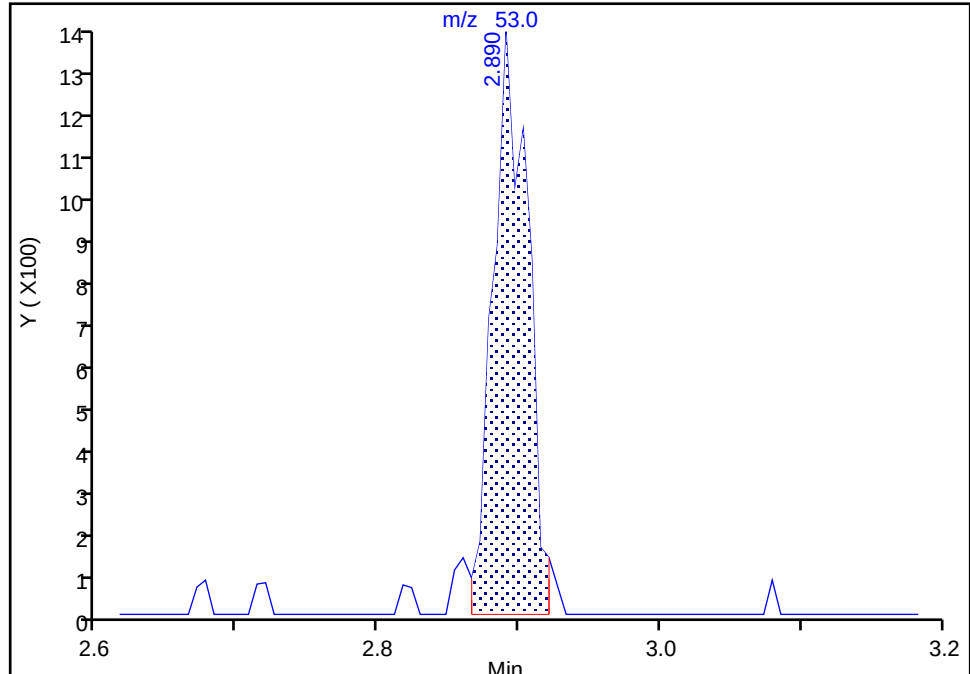
MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

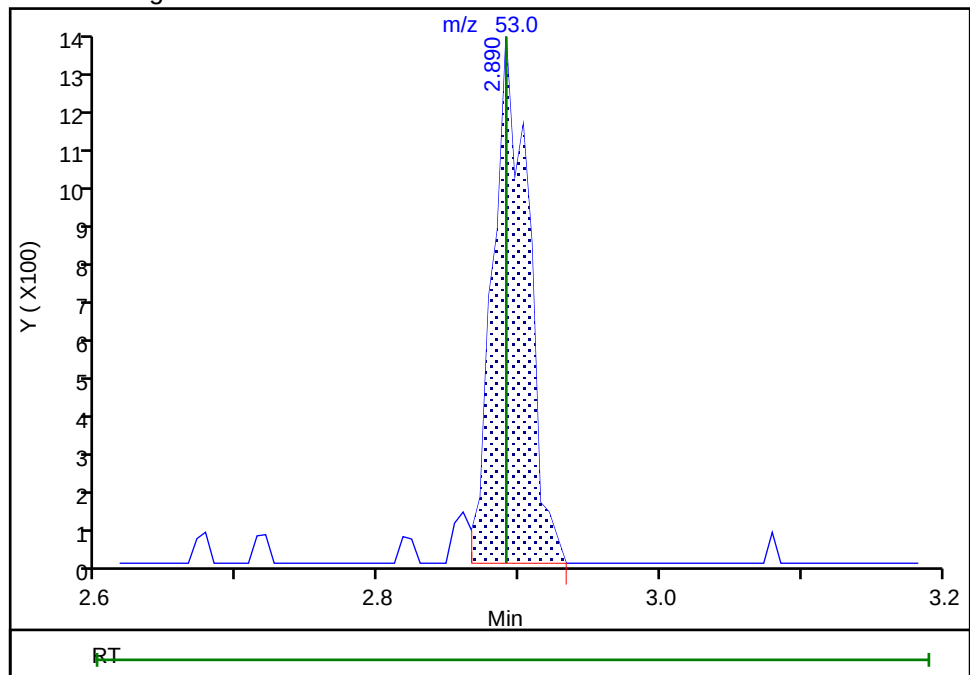
RT: 2.89
Area: 2284
Amount: 1.970871
Amount Units: ug/l

Processing Integration Results



RT: 2.89
Area: 2307
Amount: 1.964899
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:30:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

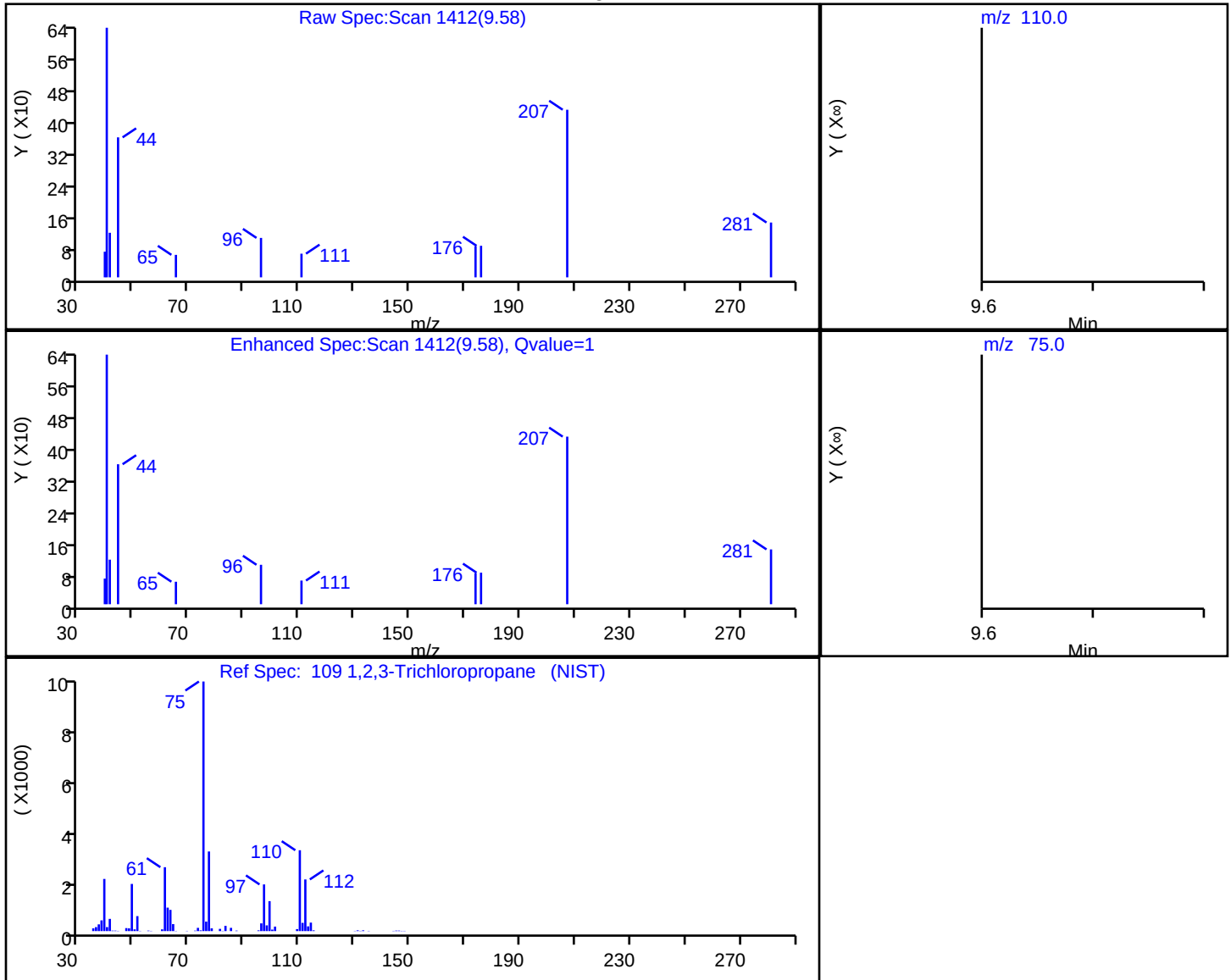
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

109 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results



RT	Mass	Response	Amount
9.58	110.00	41	0.033073
9.57	75.00	78	

Reviewer: desais, 03-Oct-2020 13:50:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

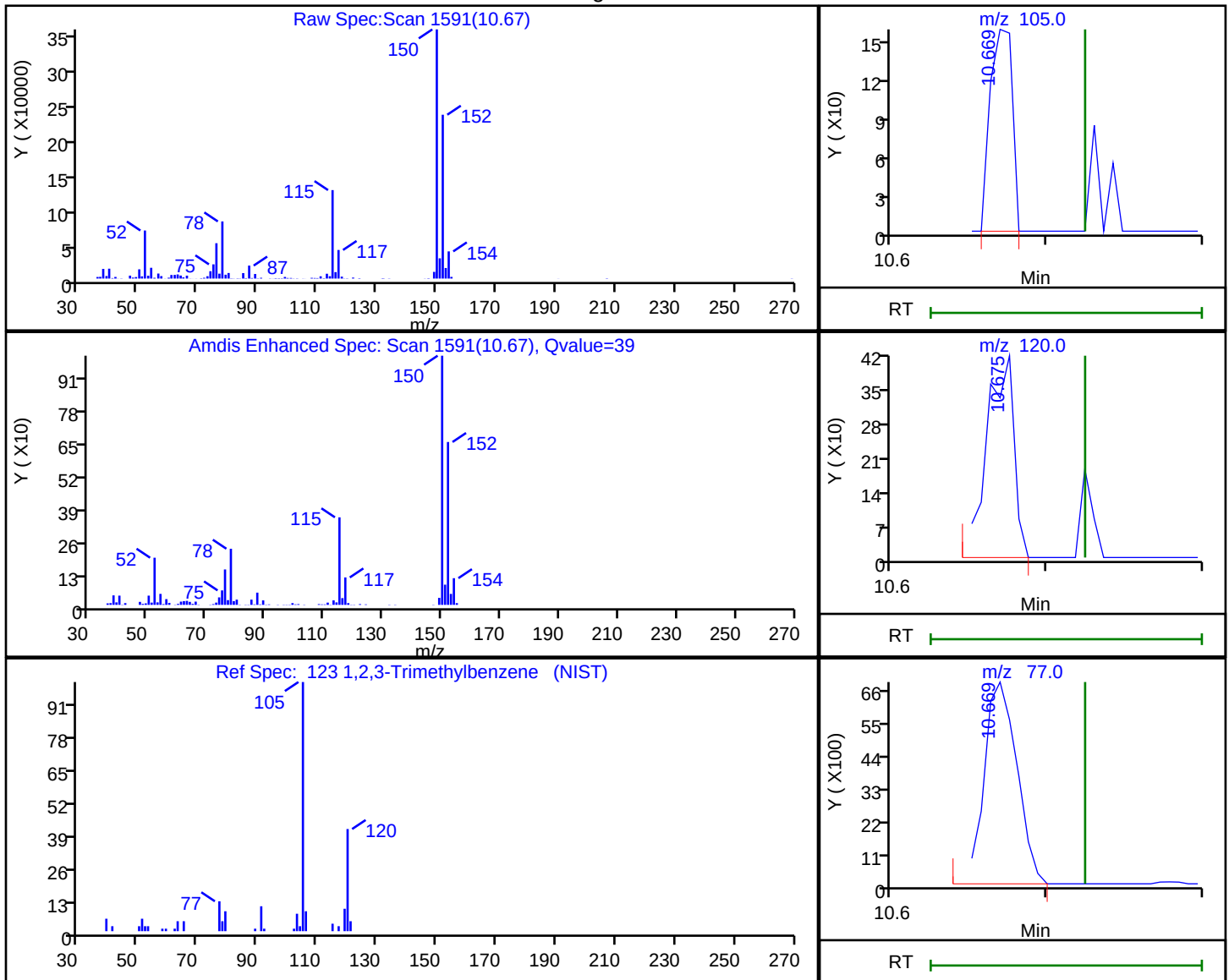
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.67	105.00	159	0.011204
10.68	120.00	495	
10.67	77.00	10069	

Reviewer: desais, 03-Oct-2020 13:50:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

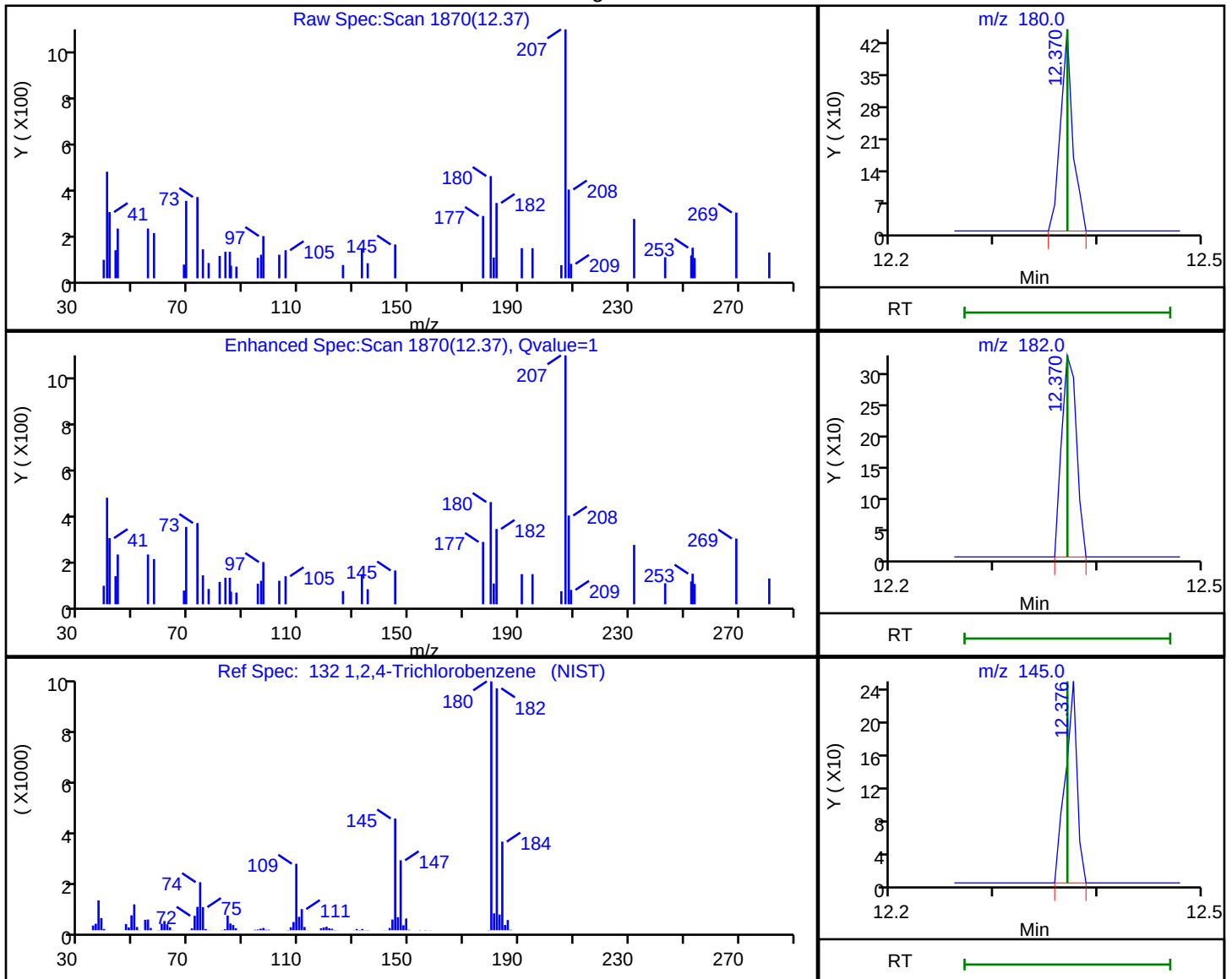
Column: DB-624 (0.18 mm)

Detector

MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
12.37	180.00	368	0.042909
12.37	182.00	328	
12.38	145.00	196	

Reviewer: desais, 03-Oct-2020 13:50:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

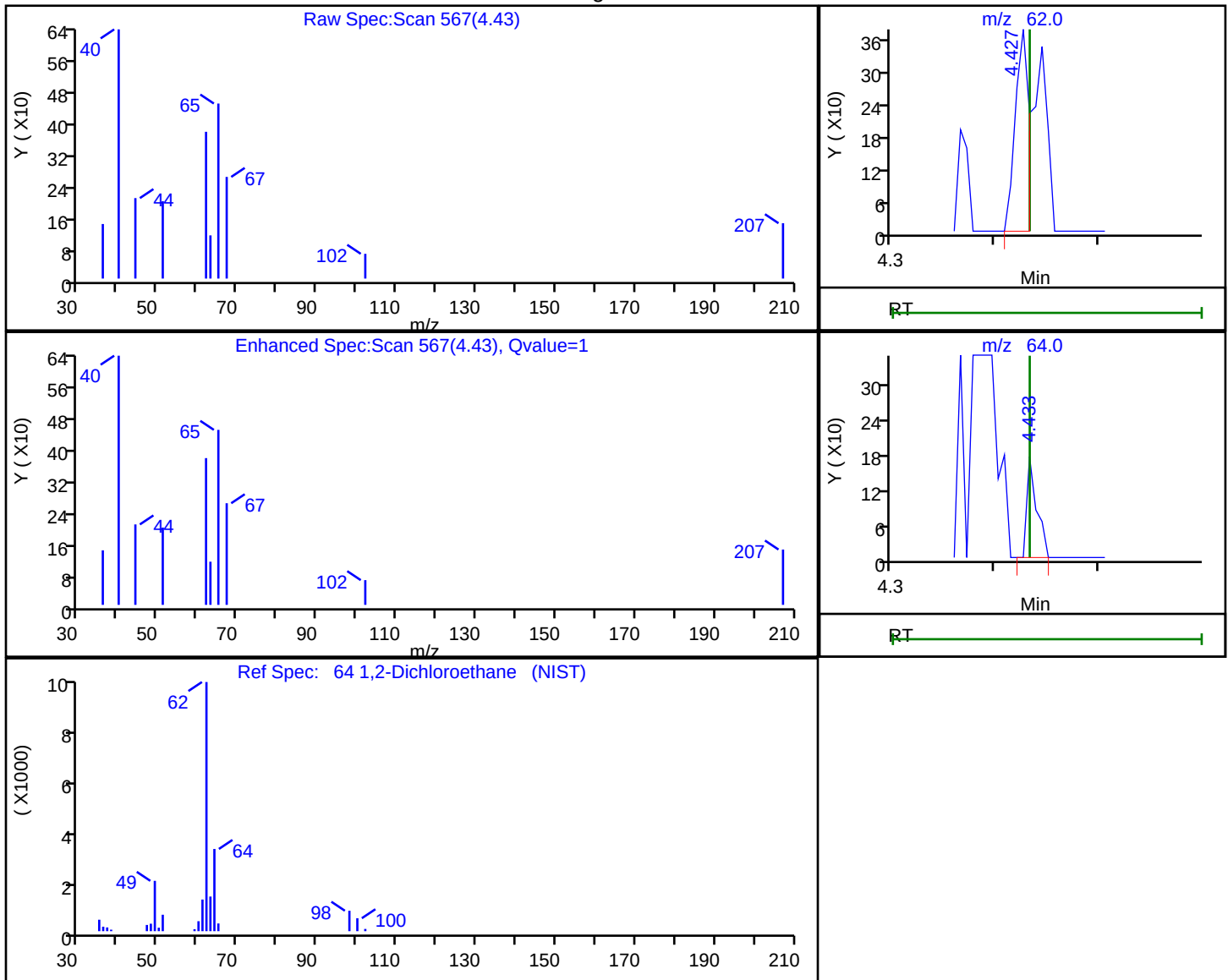
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
4.43	62.00	346	0.058568
4.43	64.00	116	

Reviewer: desais, 03-Oct-2020 13:50:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

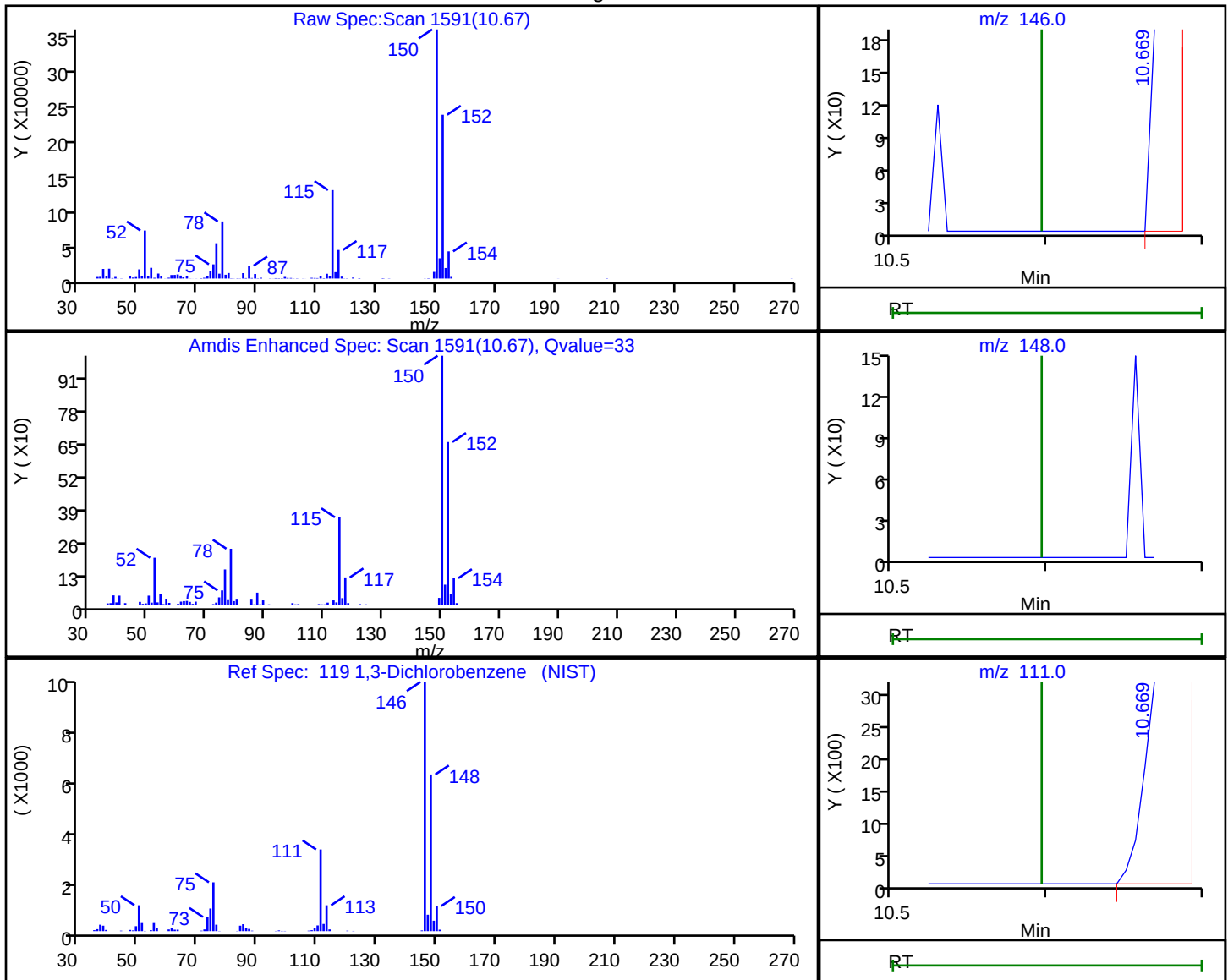
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.67	146.00	189	0.021605
10.68	148.00	775	
10.67	111.00	3587	

Reviewer: desais, 03-Oct-2020 13:50:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

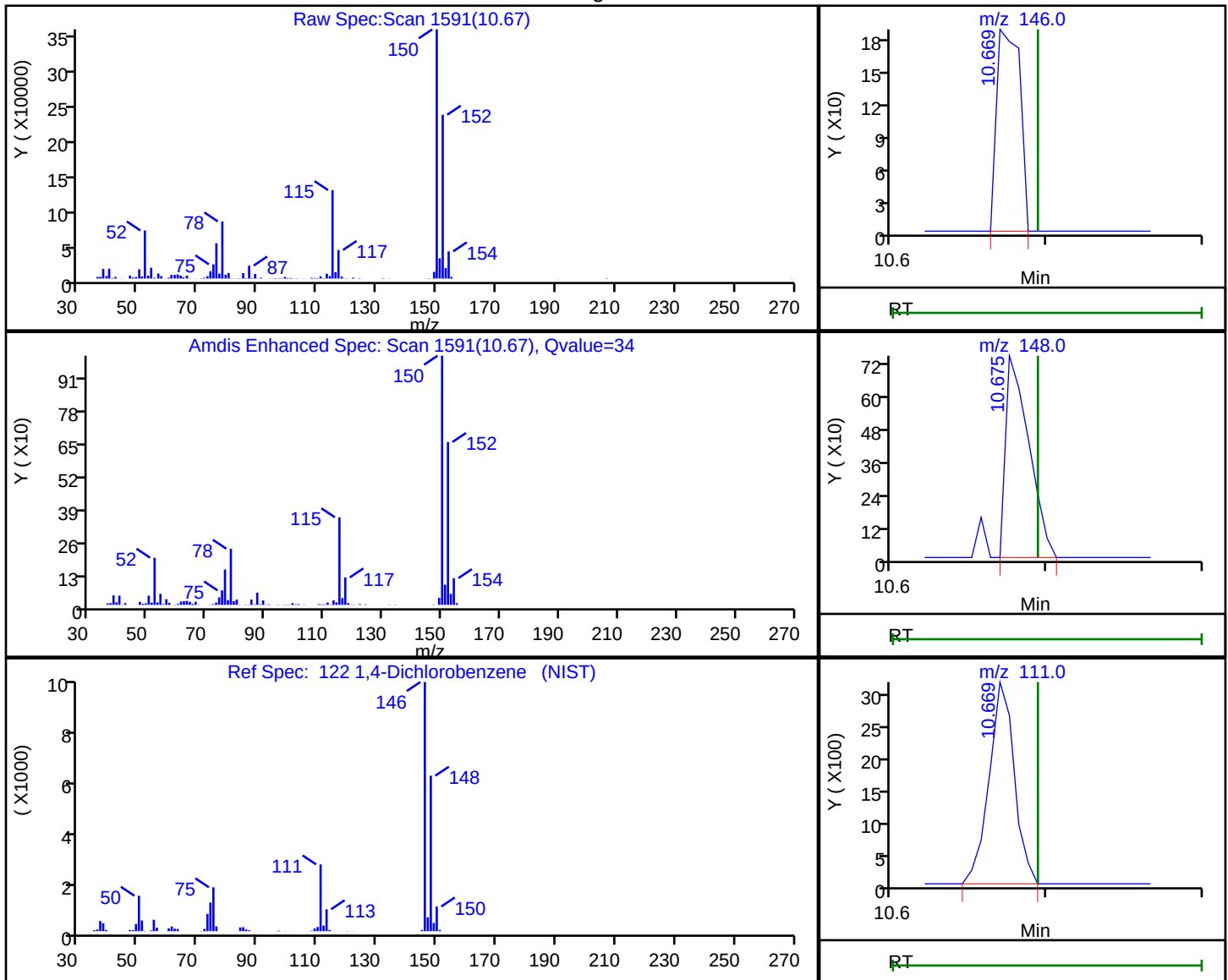
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.67	146.00	189	0.021118
10.68	148.00	775	
10.67	111.00	3587	

Reviewer: desais, 03-Oct-2020 13:50:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

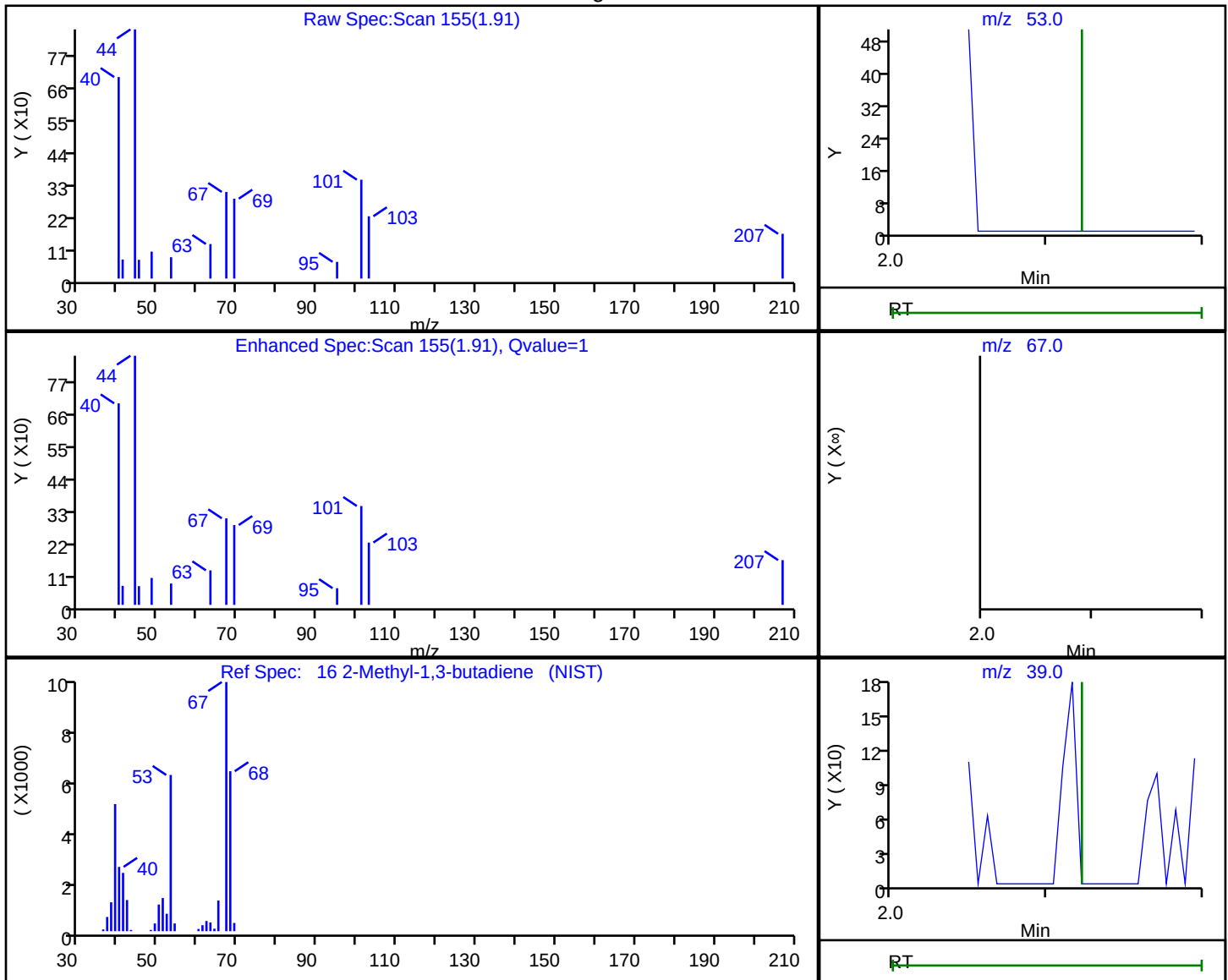
Column: DB-624 (0.18 mm)

Detector

MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results



RT	Mass	Response	Amount
1.91	53.00	45	0.014637
1.91	67.00	228	
1.91	39.00	44	

Reviewer: desais, 03-Oct-2020 13:49:56

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

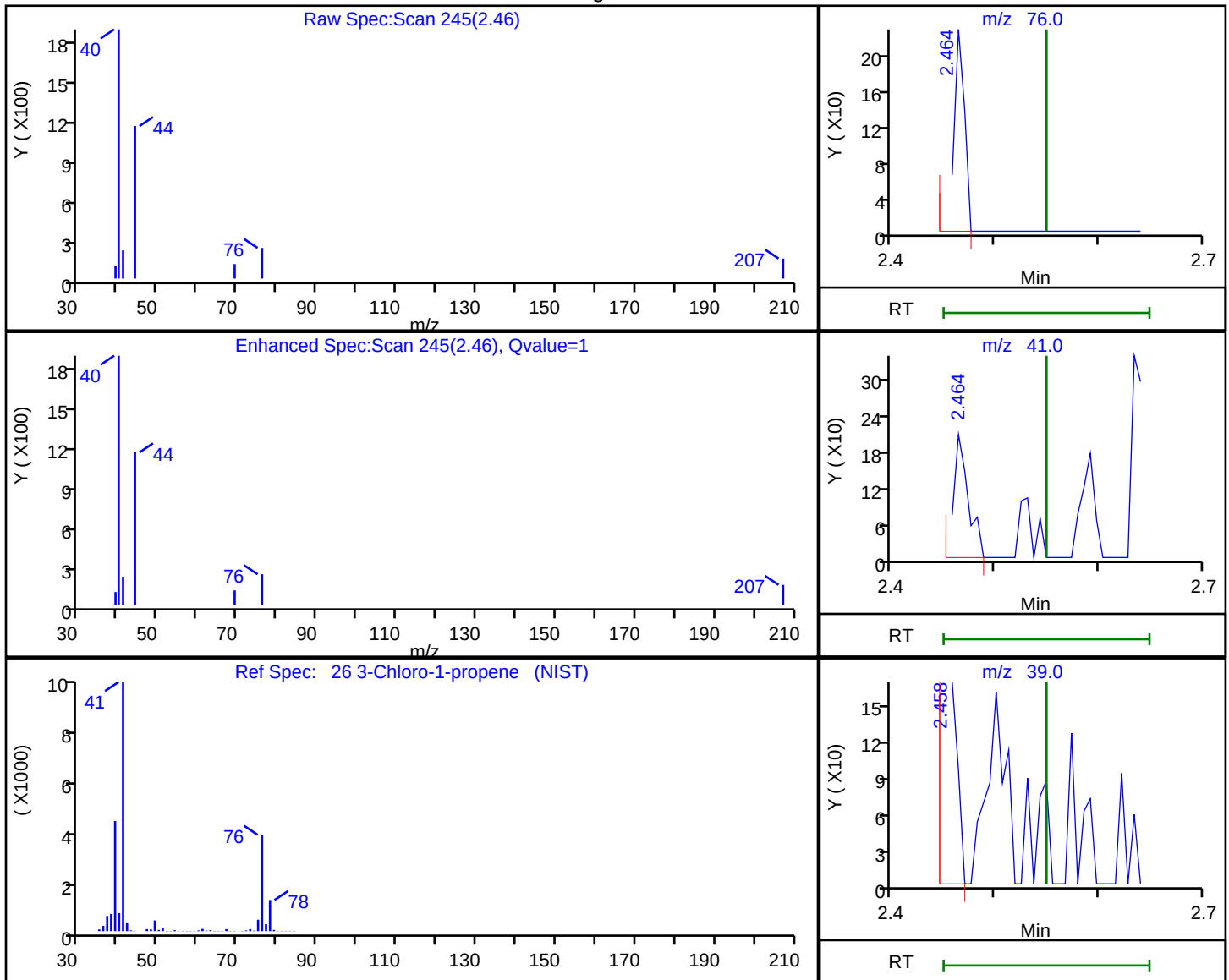
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
2.46	76.00	179	0.083589
2.46	41.00	197	
2.46	39.00	129	

Reviewer: desais, 03-Oct-2020 13:49:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

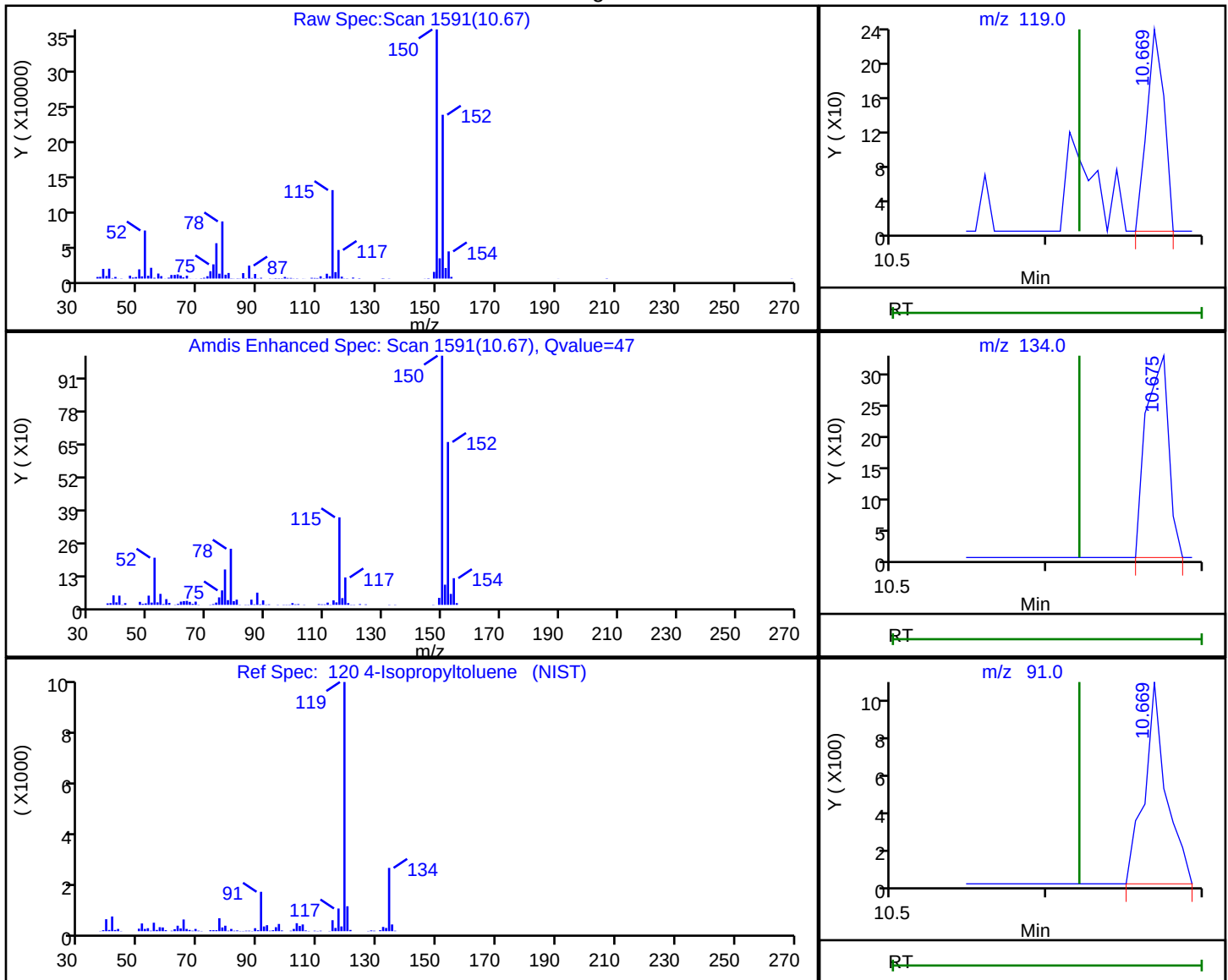
Column: DB-624 (0.18 mm)

Detector

MS Quad

120 4-Isopropyltoluene, CAS: 99-87-6

Processing Results



RT	Mass	Response	Amount
10.67	119.00	183	0.012312
10.68	134.00	331	
10.67	91.00	1025	

Reviewer: desais, 03-Oct-2020 13:50:20

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

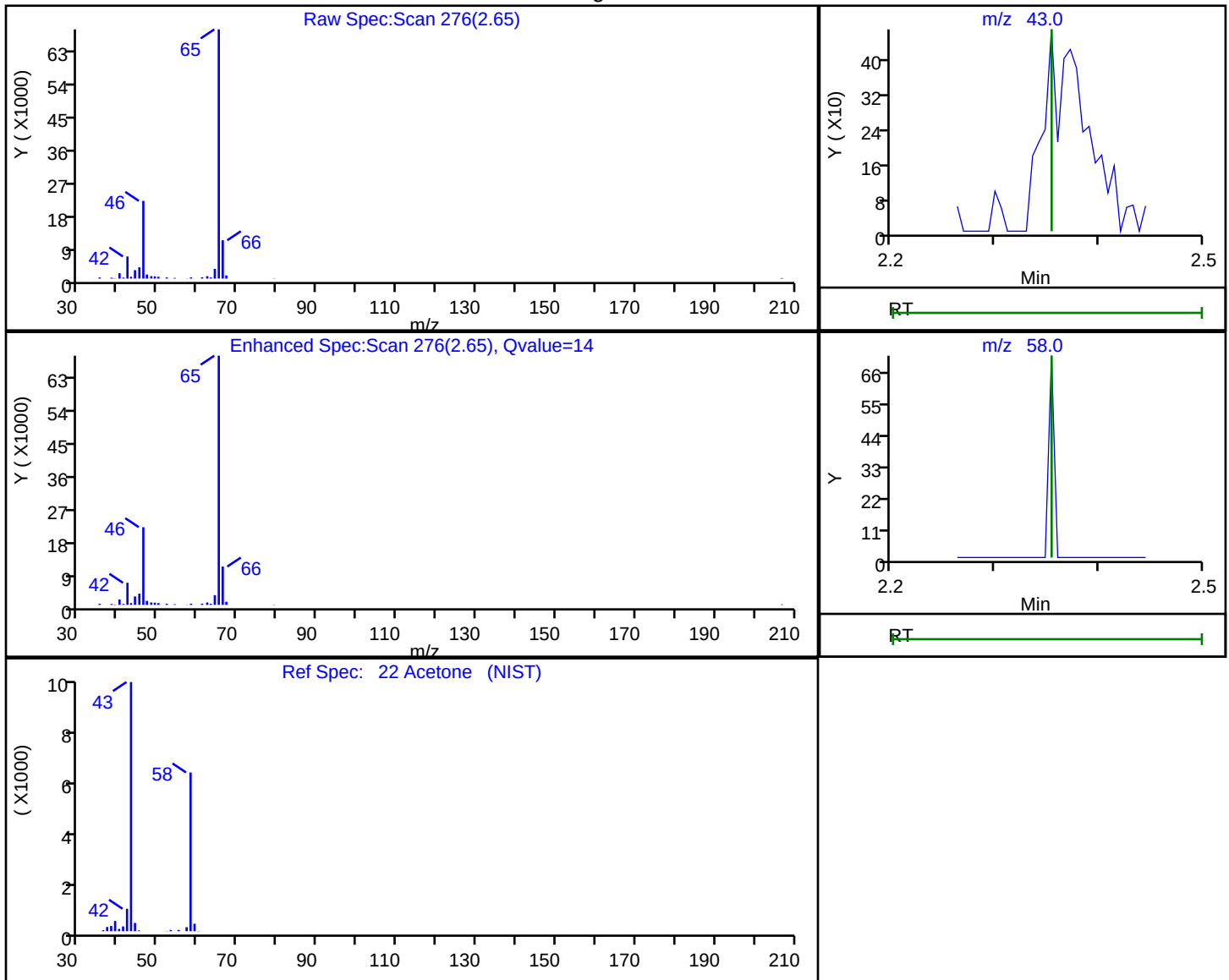
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.65	43.00	810	0.696712
2.64	58.00	452	

Reviewer: desais, 03-Oct-2020 13:49:57

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

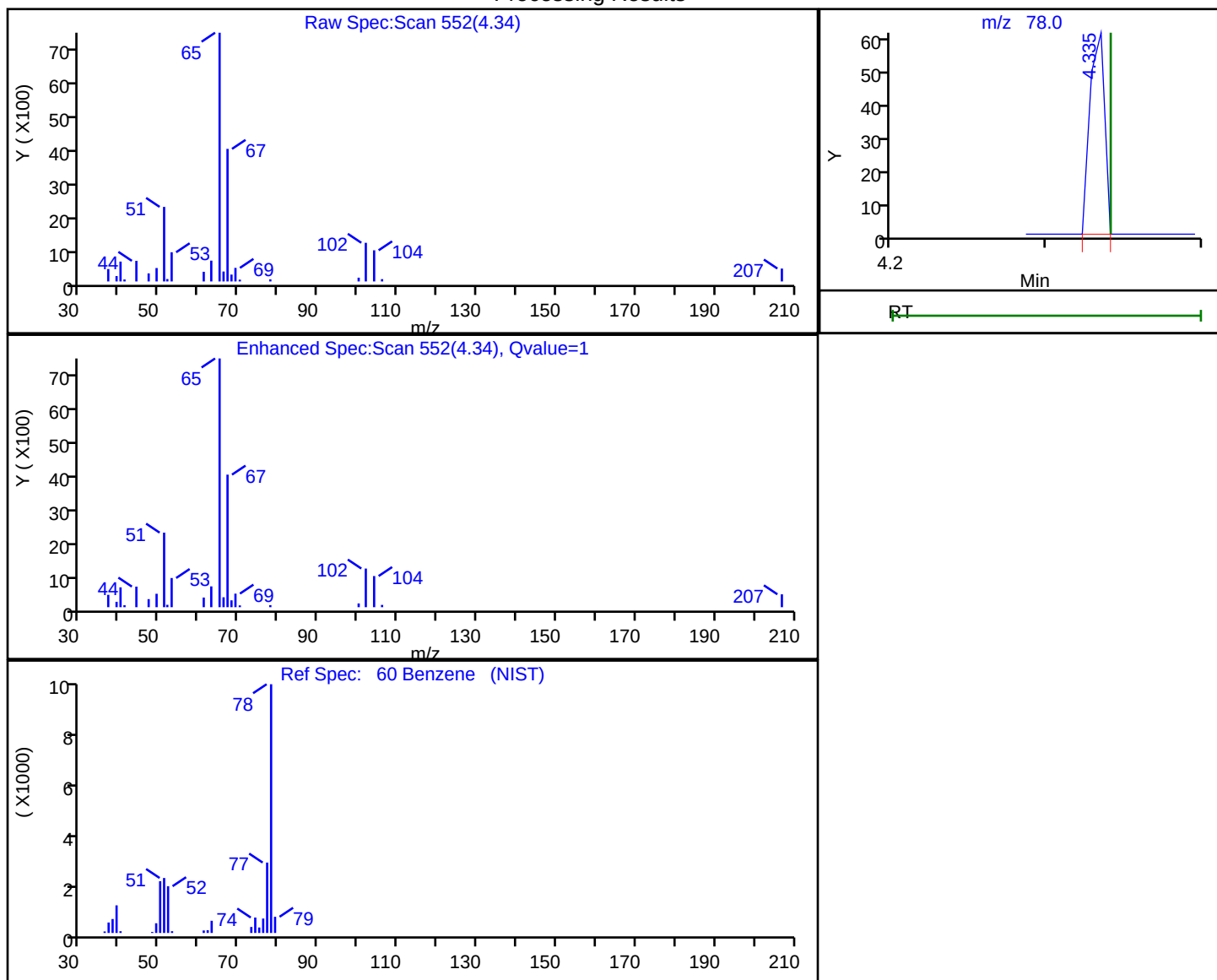
Column: DB-624 (0.18 mm)

Detector

MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
4.34	78.00	41	0.002918

Reviewer: desais, 03-Oct-2020 13:50:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

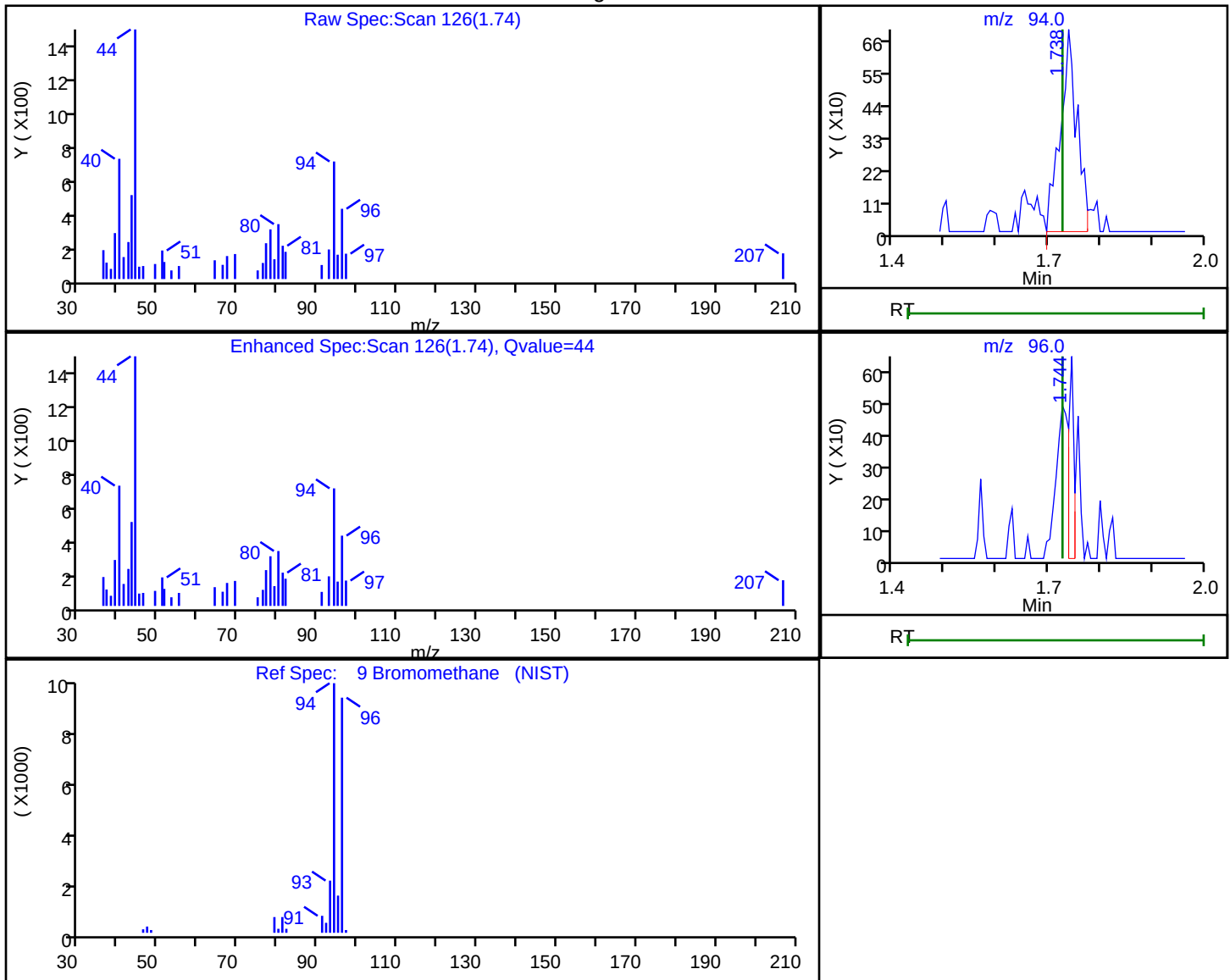
Column: DB-624 (0.18 mm)

Detector

MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.74	94.00	1572	0.323035
1.74	96.00	466	

Reviewer: desais, 03-Oct-2020 13:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

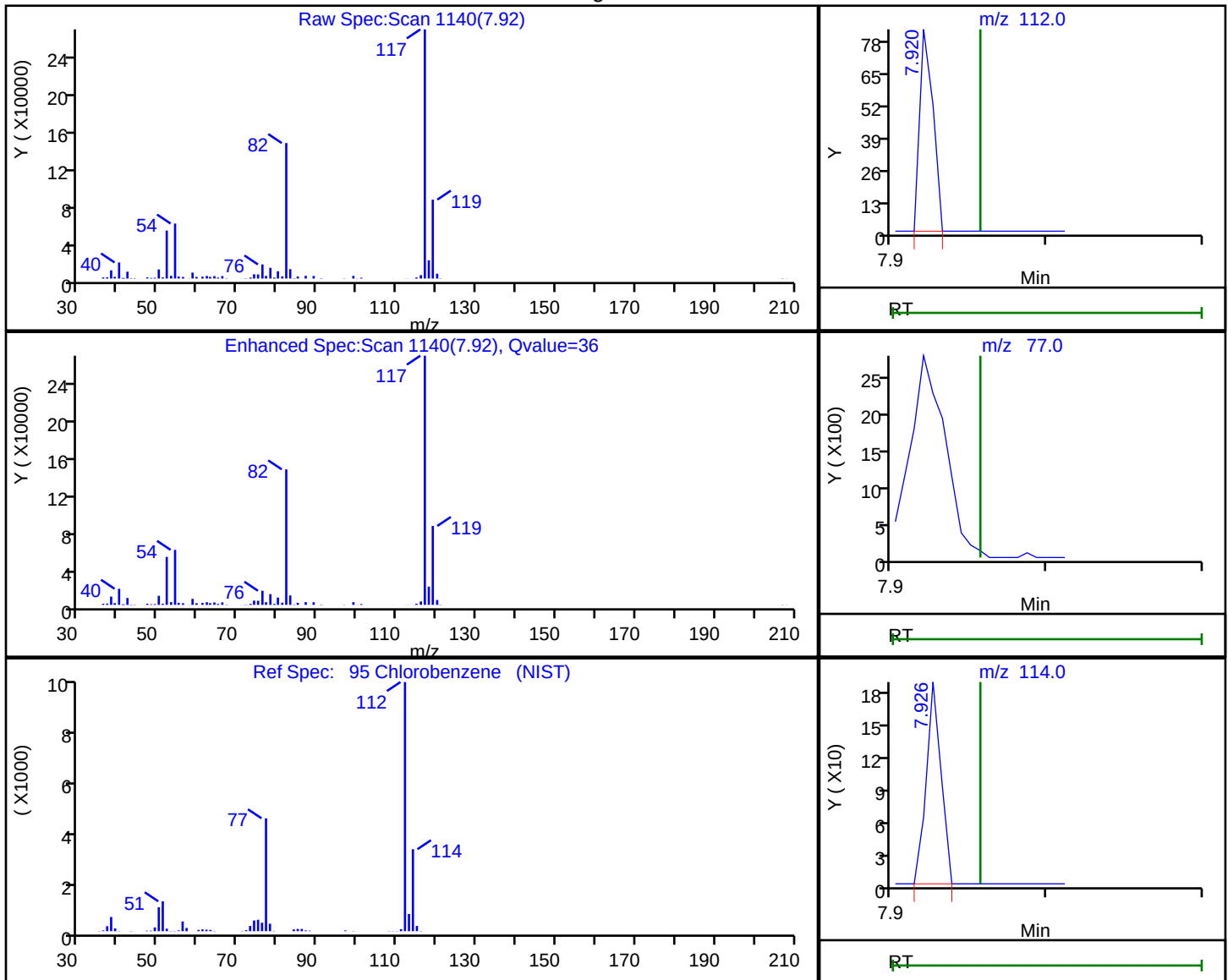
Column: DB-624 (0.18 mm)

Detector

MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
7.92	112.00	49	0.005250
7.92	77.00	4547	
7.93	114.00	124	

Reviewer: desais, 03-Oct-2020 13:50:14

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

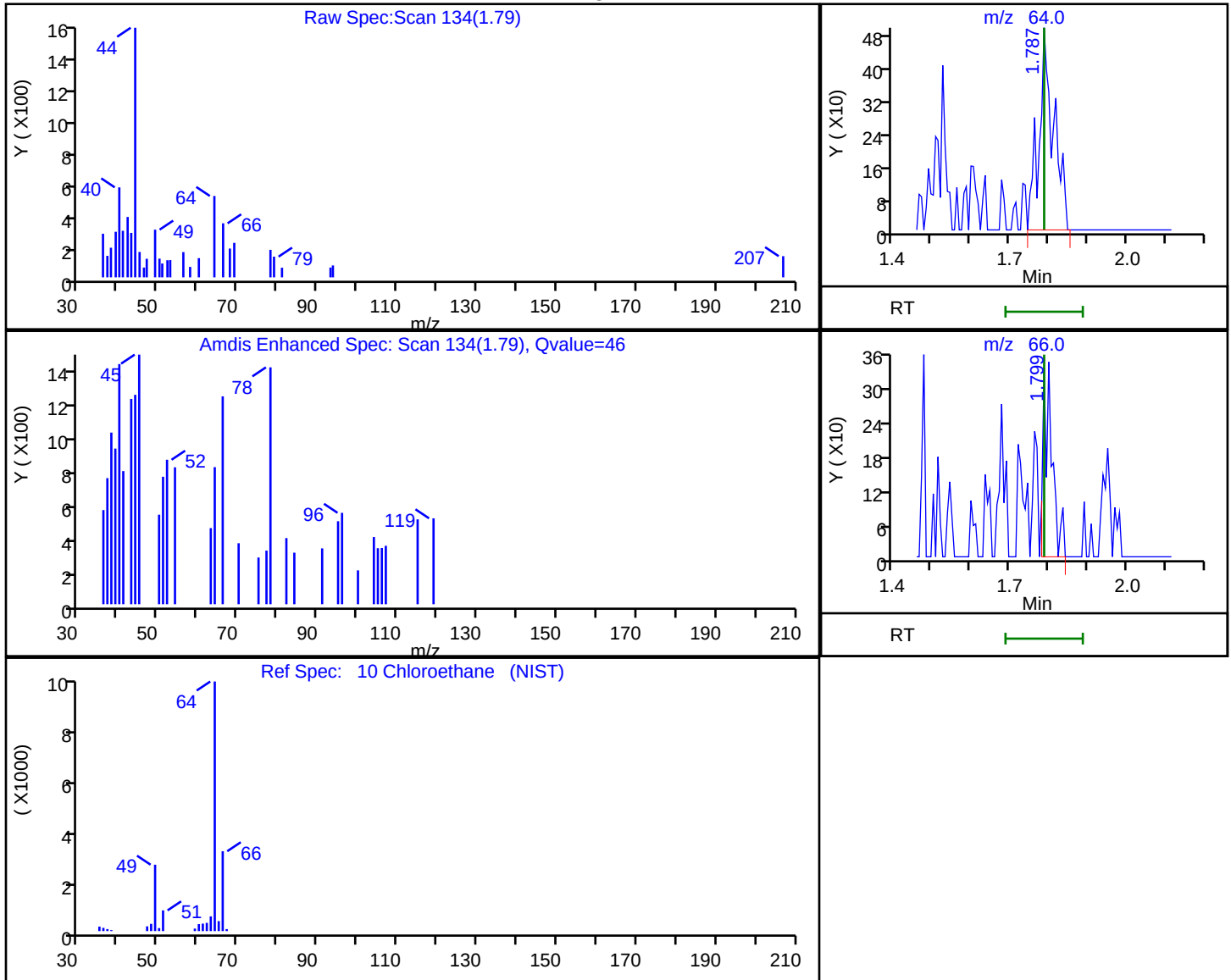
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.79	64.00	1325	0.410342
1.80	66.00	541	

Reviewer: desais, 03-Oct-2020 13:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

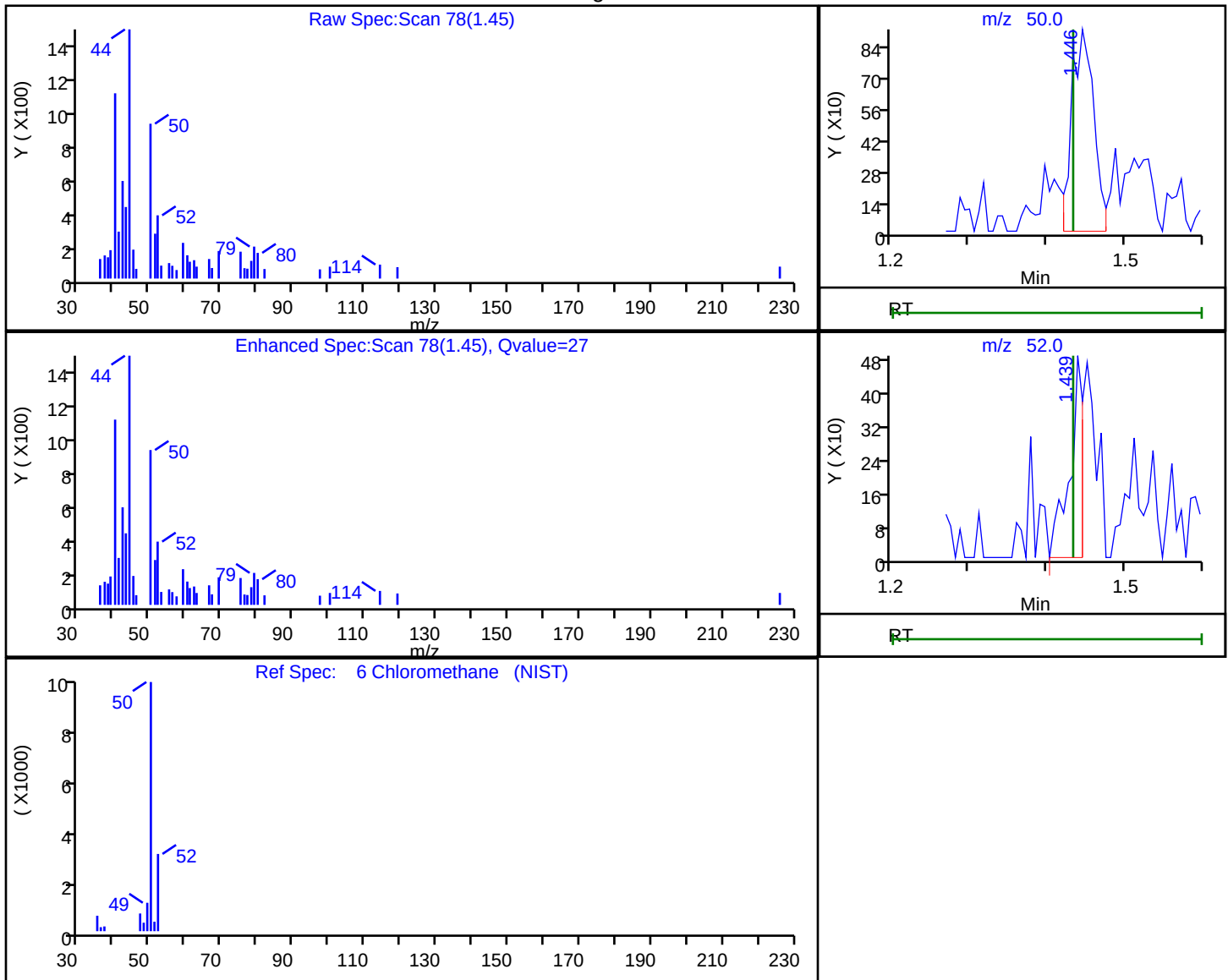
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.45	50.00	1814	0.298137
1.44	52.00	568	

Reviewer: desais, 03-Oct-2020 13:49:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

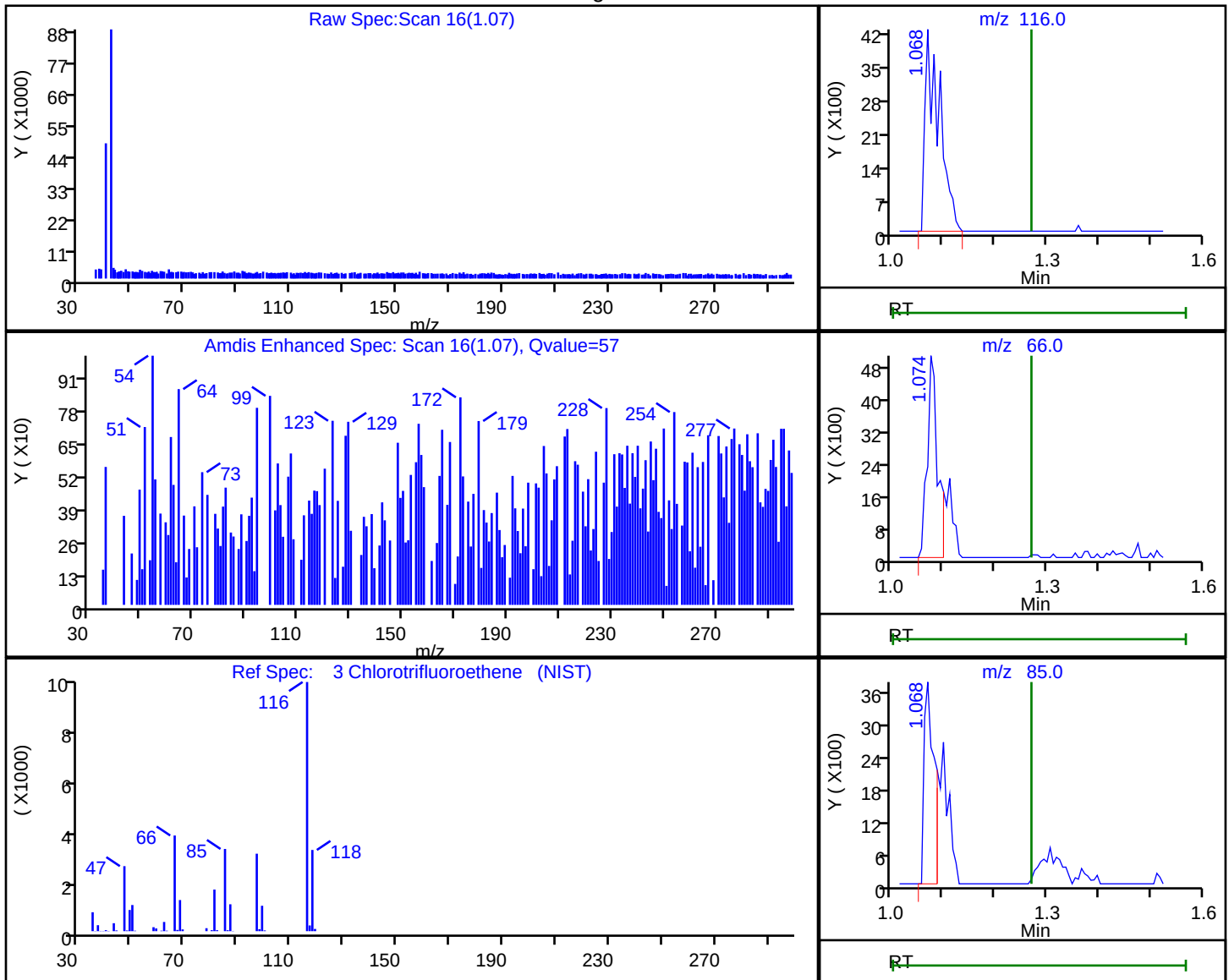
Column: DB-624 (0.18 mm)

Detector

MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.07	116.00	8290	5.199757
1.07	66.00	7075	
1.07	85.00	5071	
1.07	118.00	7519	

Reviewer: desais, 03-Oct-2020 13:49:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

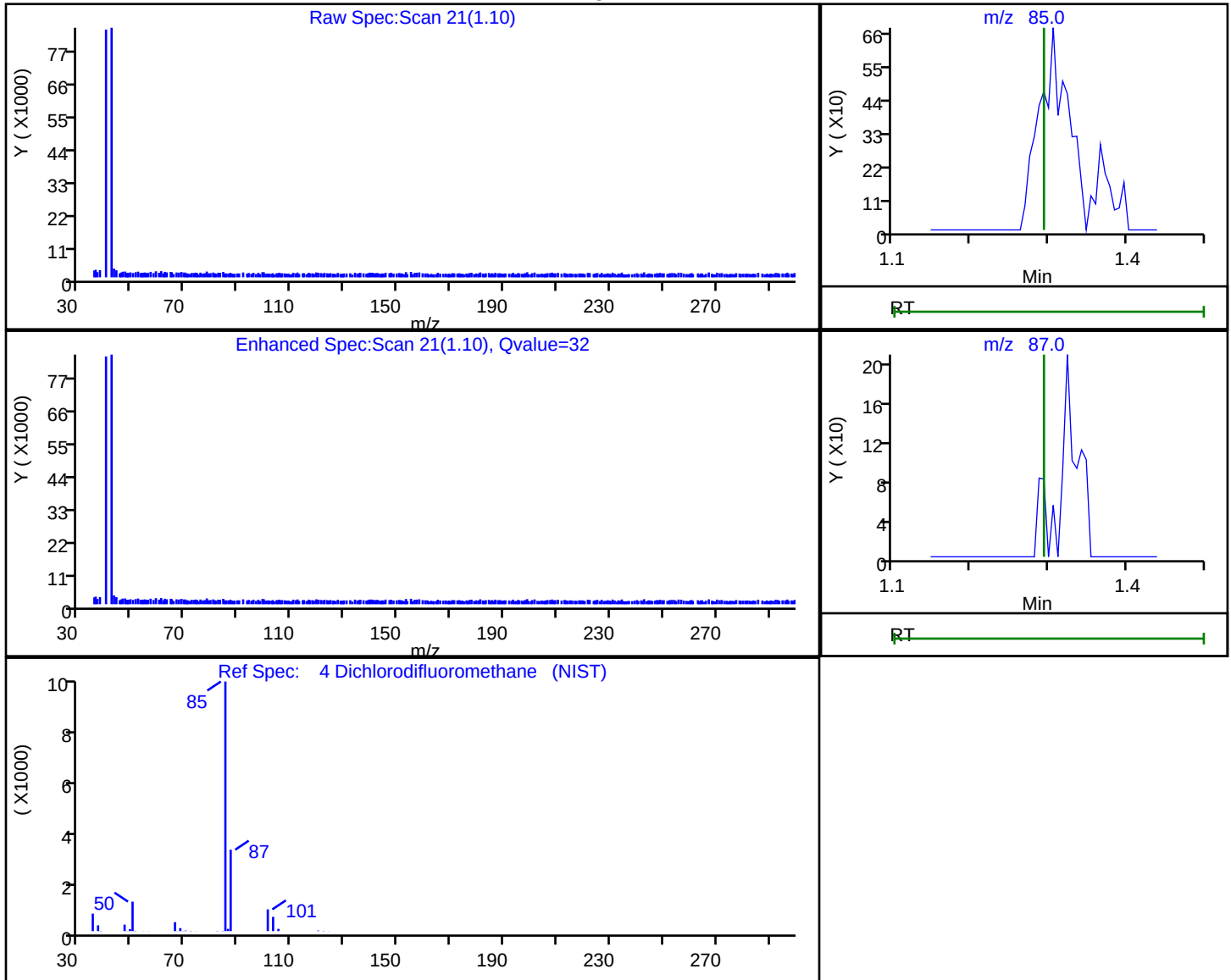
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.10	85.00	3834	0.521045
1.09	87.00	4309	

Reviewer: desais, 03-Oct-2020 13:49:54

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

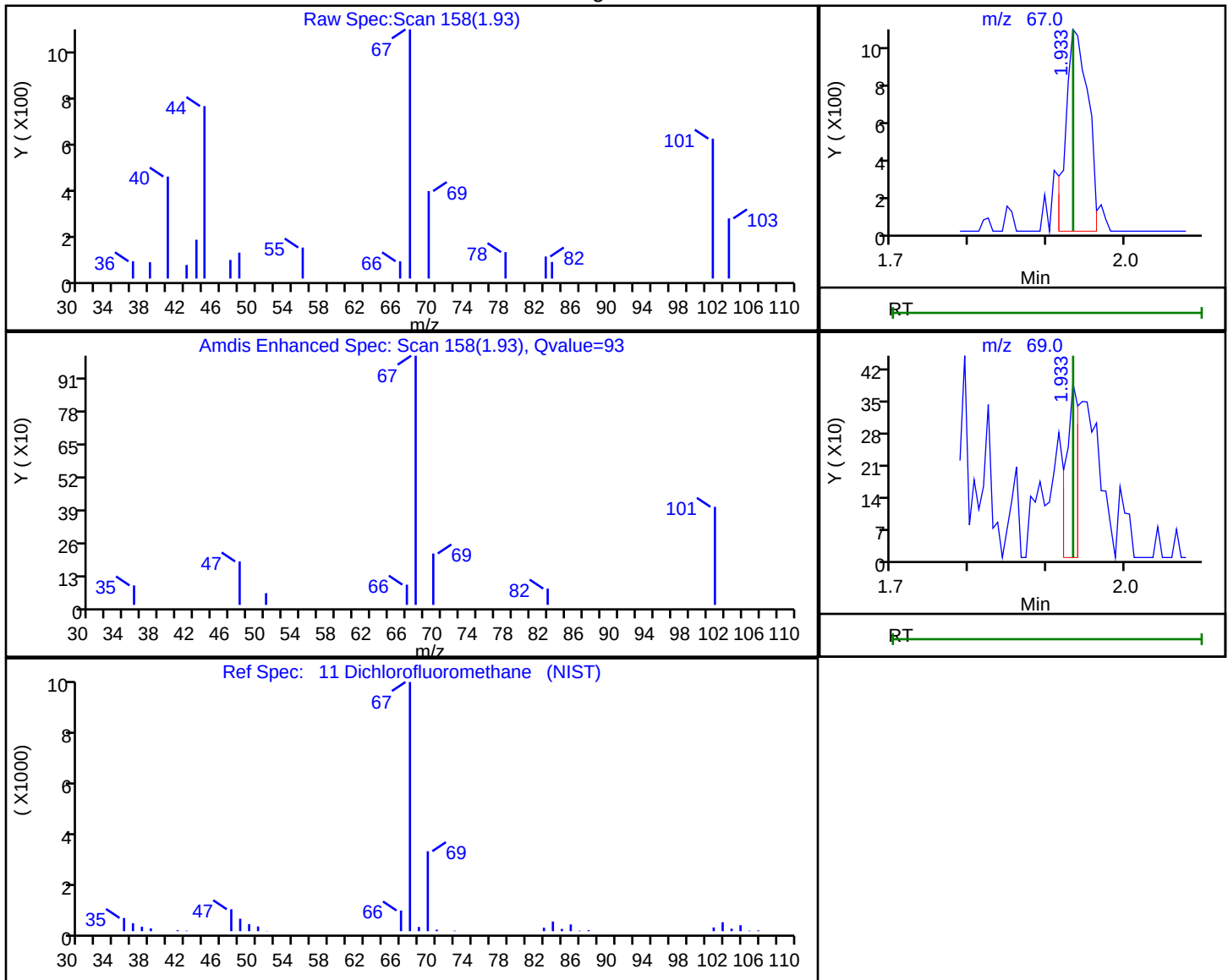
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
1.93	67.00	2167	0.244131
1.93	69.00	419	

Reviewer: desais, 03-Oct-2020 13:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

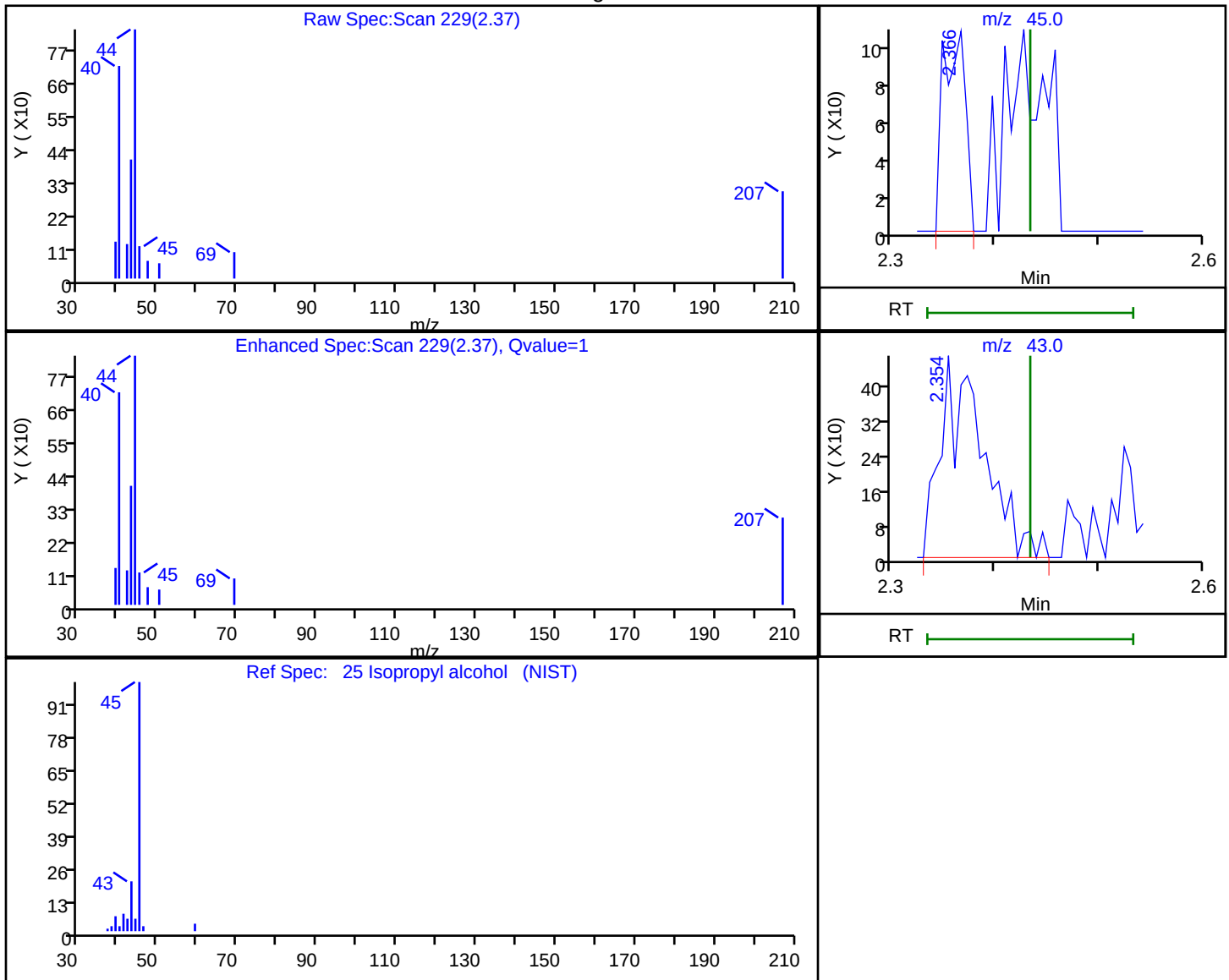
Column: DB-624 (0.18 mm)

Detector

MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.37	45.00	161	0.916624
2.35	43.00	1347	

Reviewer: desais, 03-Oct-2020 13:49:58

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

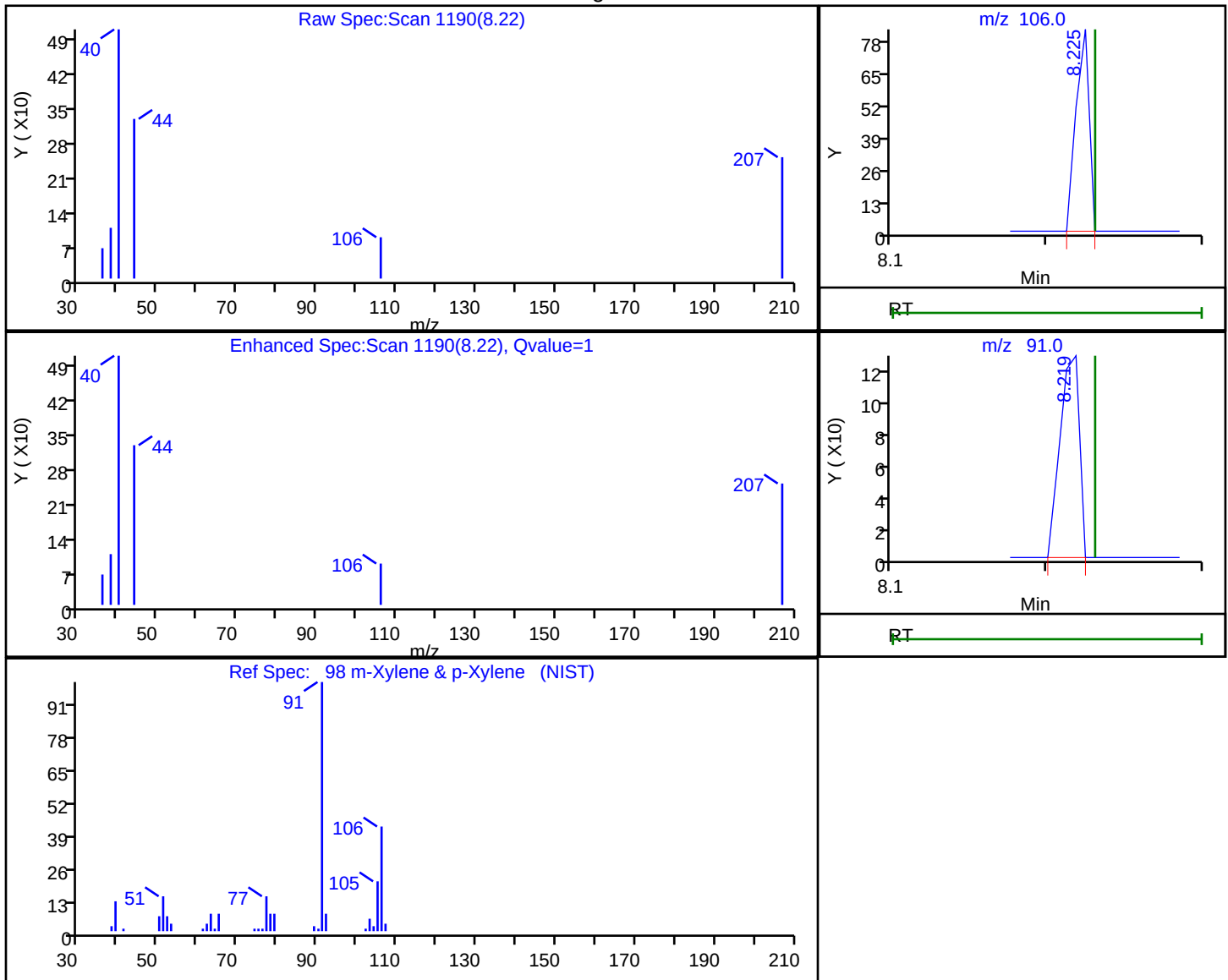
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
8.22	106.00	49	0.009086
8.22	91.00	105	

Reviewer: desais, 03-Oct-2020 13:50:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

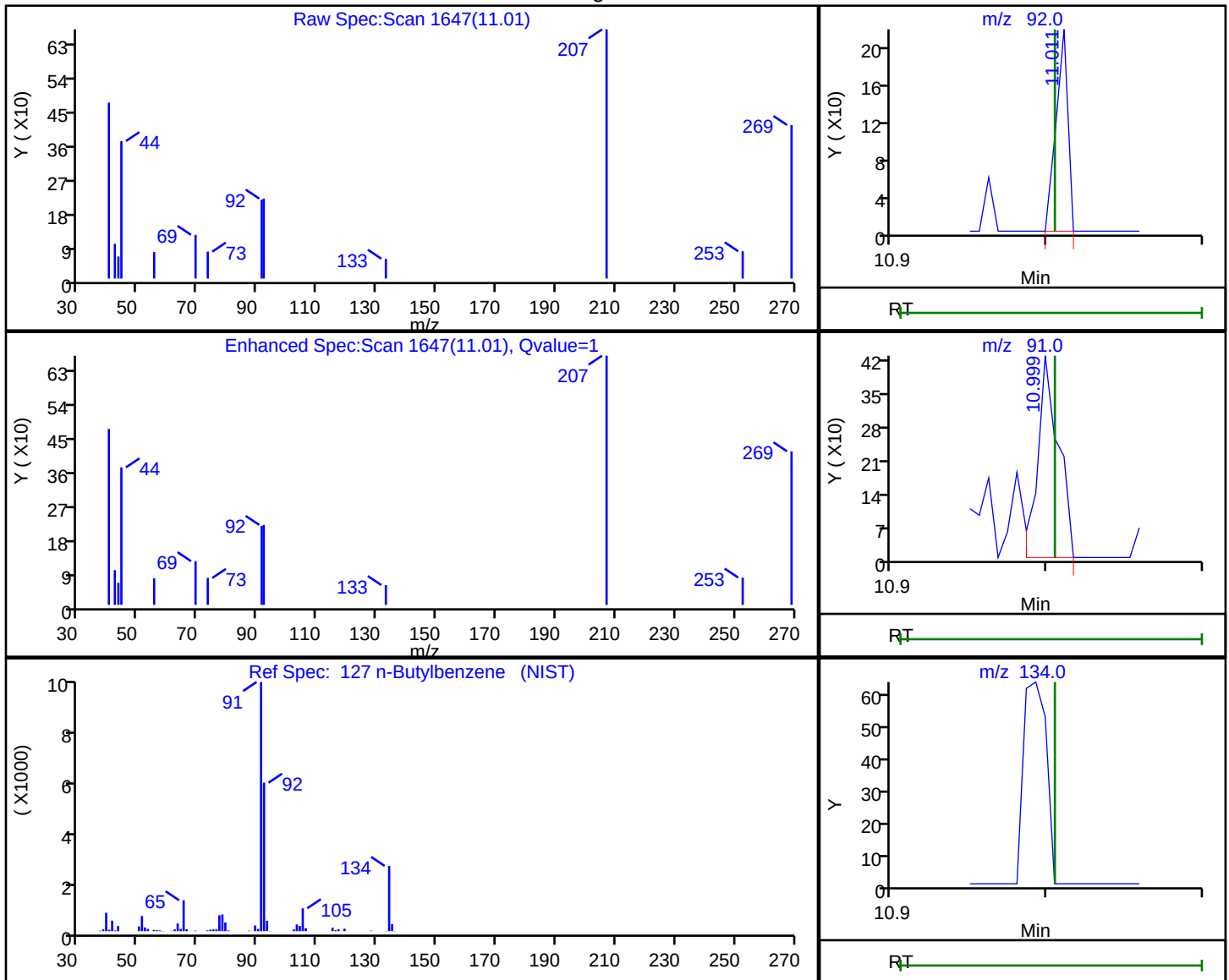
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
11.01	92.00	114	0.014354
11.00	91.00	392	
11.00	134.00	0	

Reviewer: desais, 03-Oct-2020 13:50:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

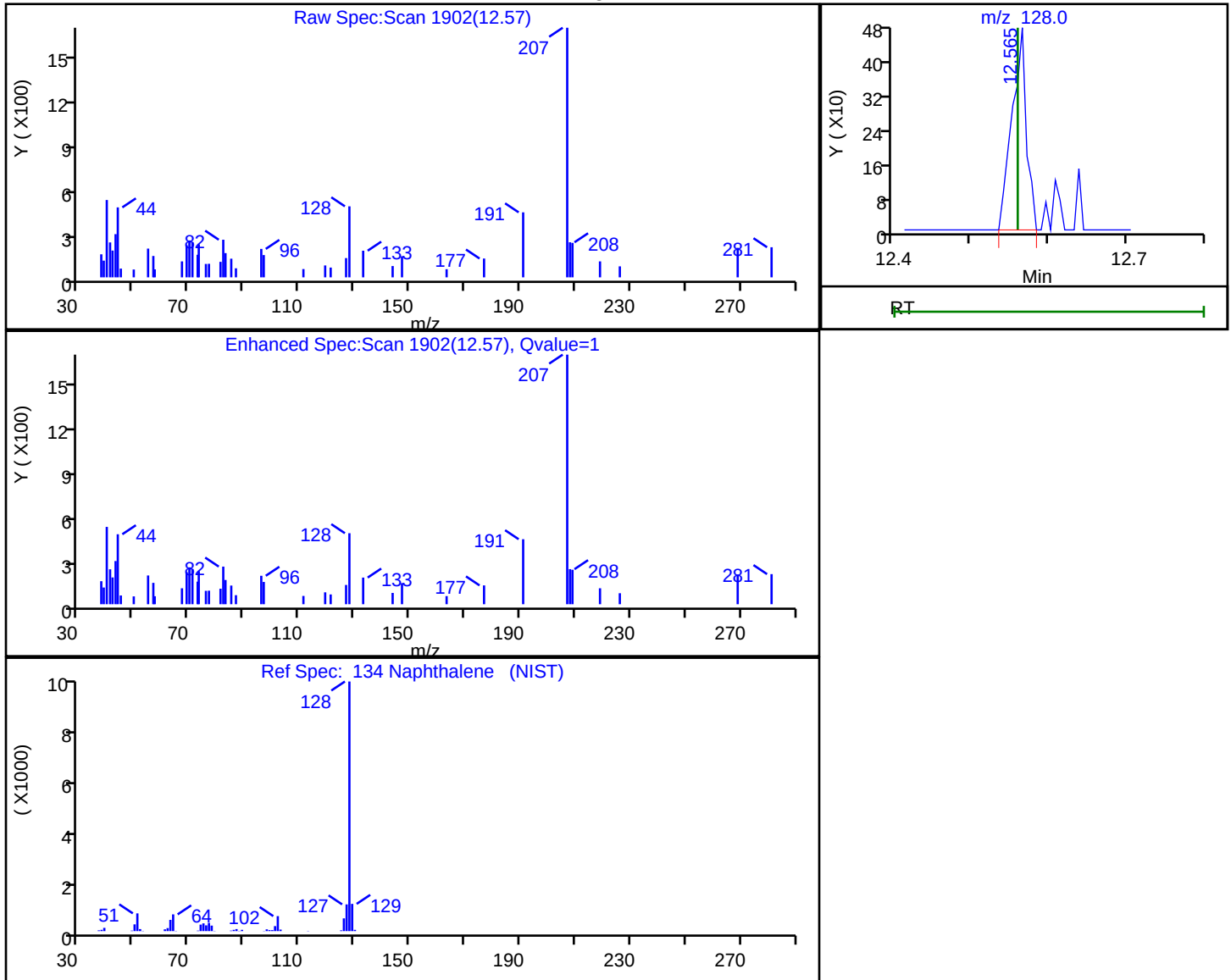
Column: DB-624 (0.18 mm)

Detector

MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
12.57	128.00	610	0.038715

Reviewer: desais, 03-Oct-2020 13:50:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

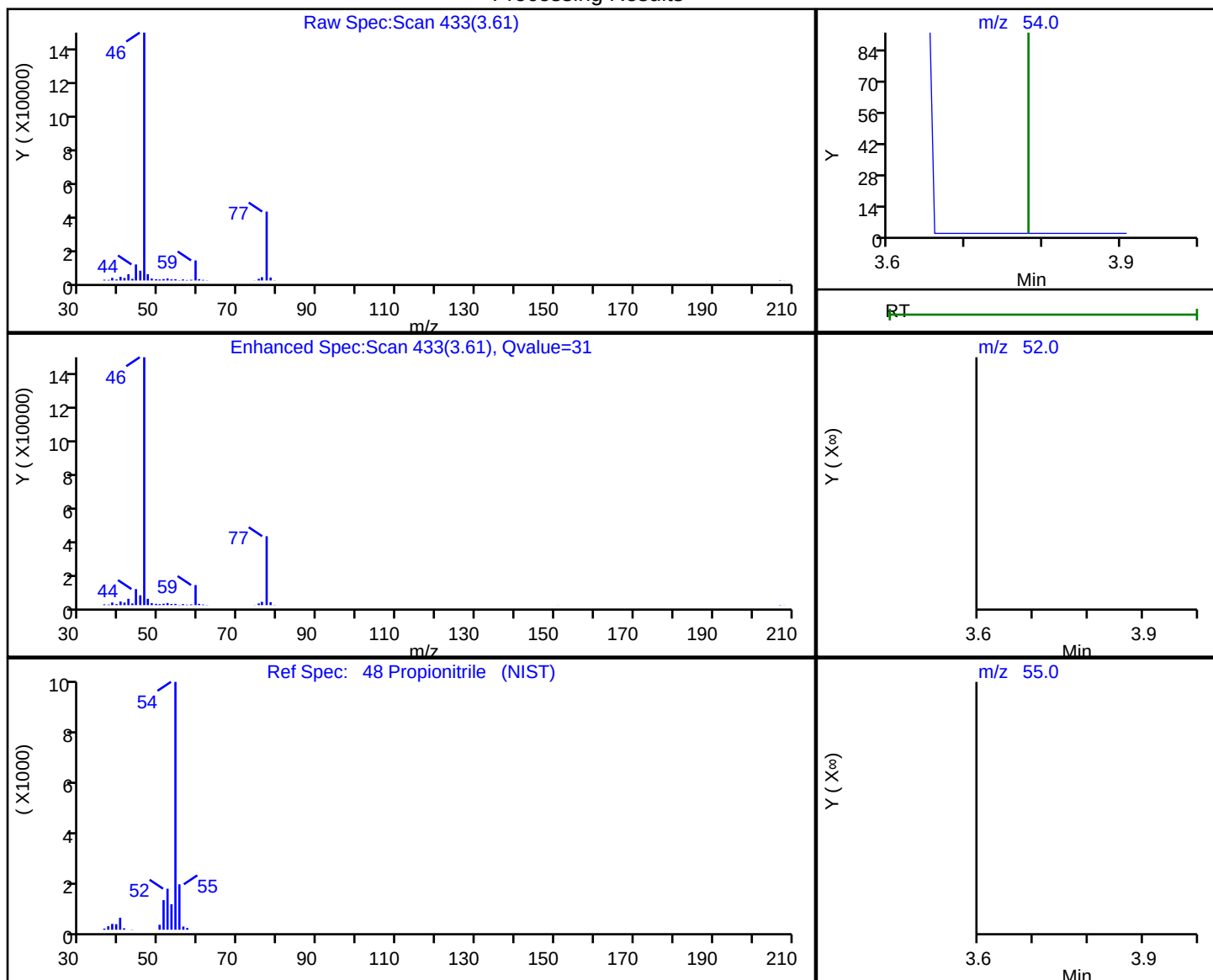
Column: DB-624 (0.18 mm)

Detector

MS Quad

48 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
3.61	54.00	990	2.392971
3.61	52.00	2237	
3.60	55.00	208	

Reviewer: desais, 03-Oct-2020 13:50:04

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

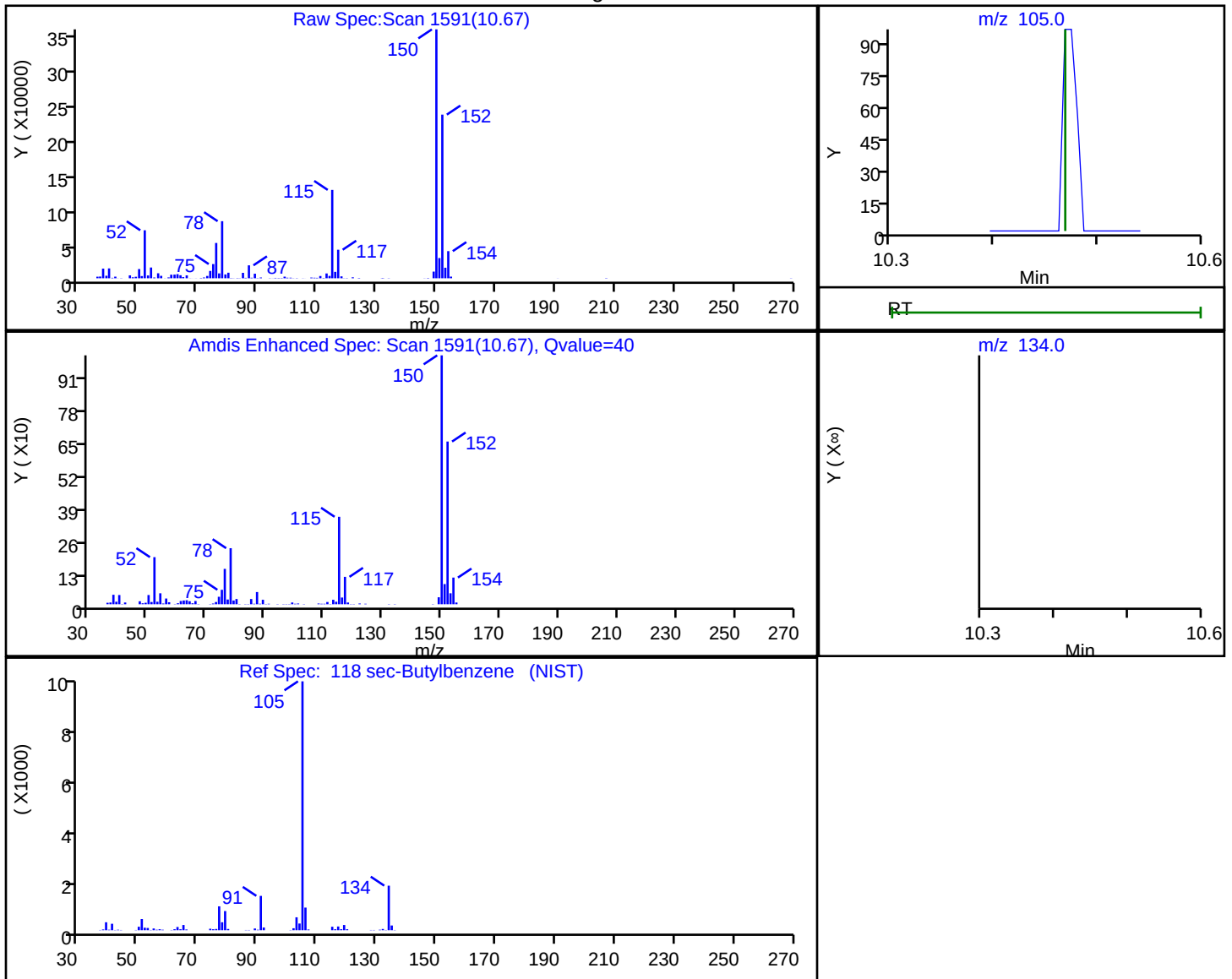
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

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

Processing Results



RT	Mass	Response	Amount
10.67	105.00	159	0.009269
10.68	134.00	331	

Reviewer: desais, 03-Oct-2020 13:50:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

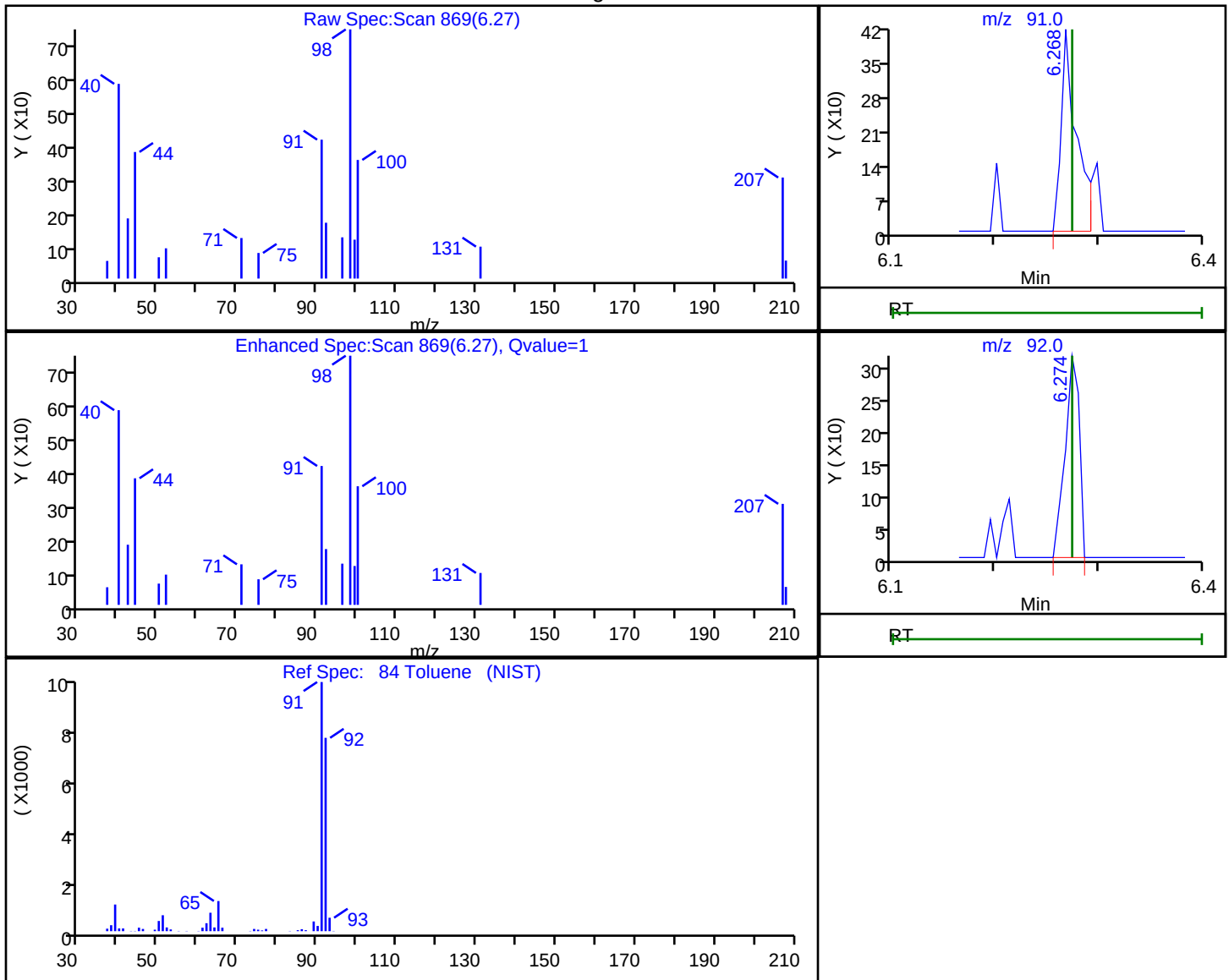
Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
6.27	91.00	438	0.032020
6.27	92.00	300	

Reviewer: desais, 03-Oct-2020 13:50:11

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

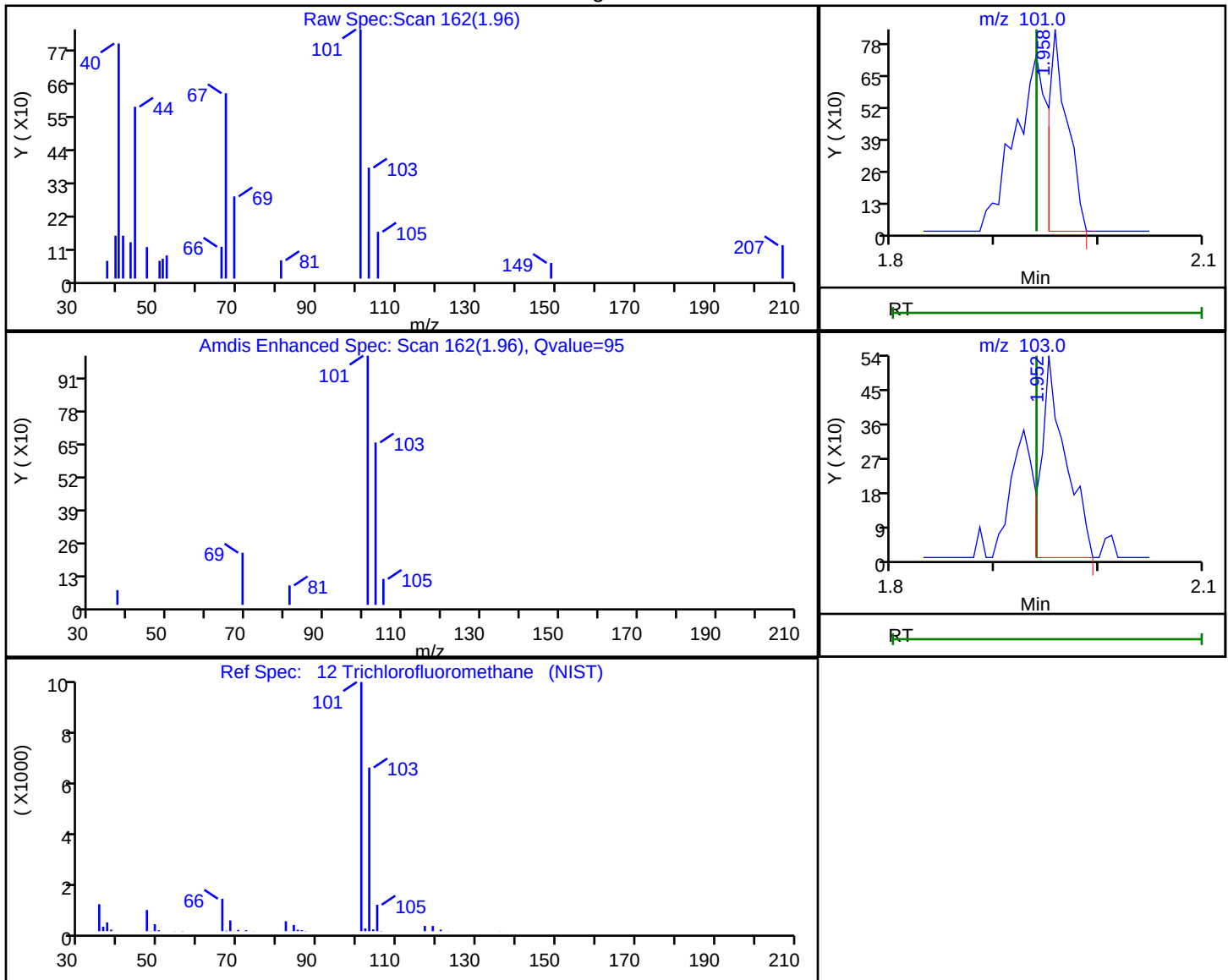
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.96	101.00	1016	0.128851
1.95	103.00	858	

Reviewer: desais, 03-Oct-2020 13:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130786.D

Injection Date: 03-Oct-2020 11:44:30

Instrument ID: CVOAMS17

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

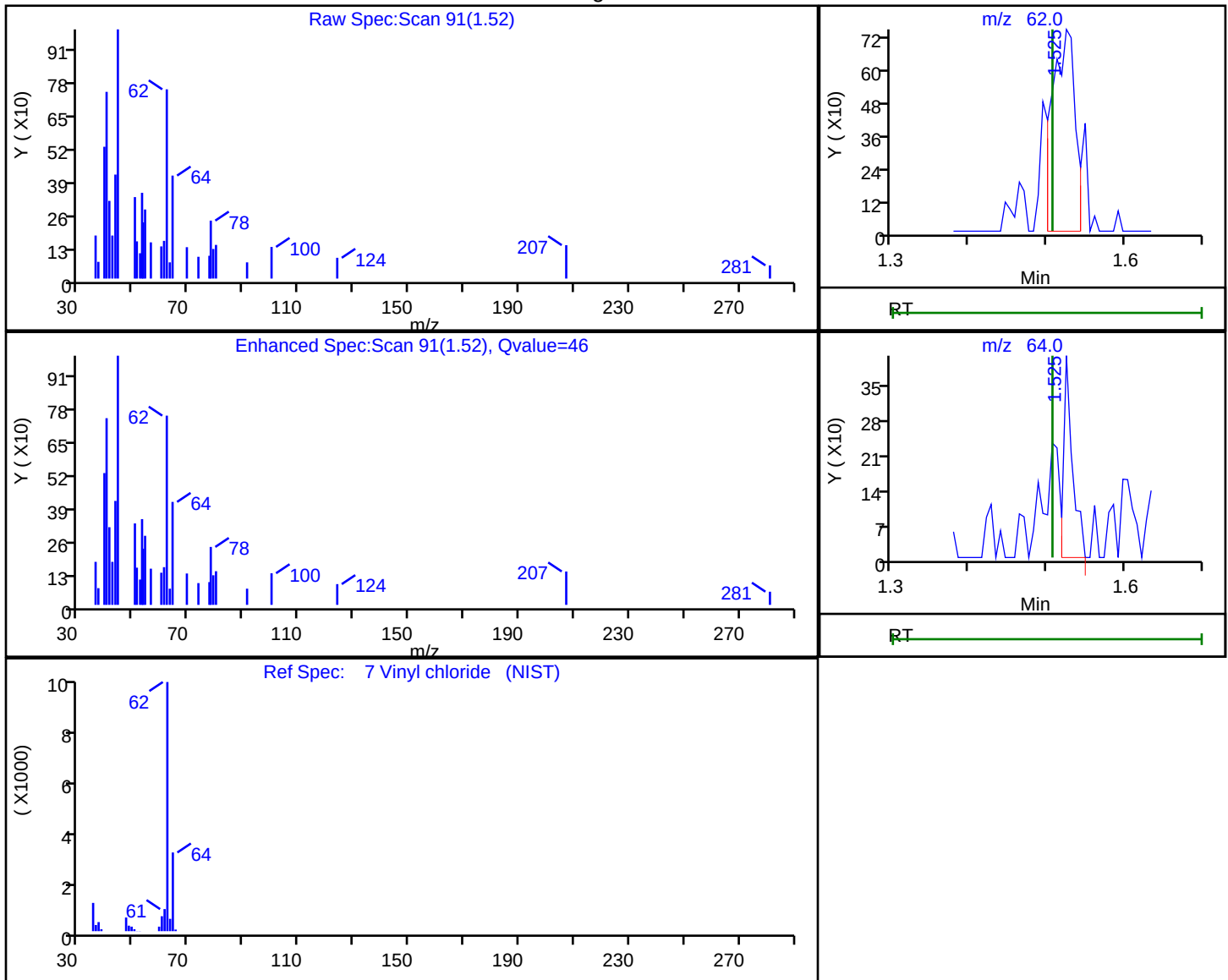
Column: DB-624 (0.18 mm)

Detector

MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.52	62.00	1545	0.261094
1.52	64.00	324	

Reviewer: desais, 03-Oct-2020 13:49:55

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 03-Oct-2020 12:05:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0117768-004
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:43:05 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:49:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.190	1.196	-0.006	25	102	0.5000	0.2088	a
2 1,1-Difluoroethane	51	1.269	1.269	0.000	43	1784	0.5000	0.4688	
3 Chlorotrifluoroethene	116	1.244	1.269	-0.025	1	902	0.5000	0.5142	Ma
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	38	3128	0.5000	0.4661	
5 Chlorodifluoromethane	51	1.311	1.306	0.005	79	3613	0.5000	0.6288	
6 Chloromethane	50	1.433	1.434	-0.001	96	3200	0.5000	0.6036	
8 Butadiene	54	1.500	1.501	-0.001	92	2563	0.5000	0.5627	M
7 Vinyl chloride	62	1.513	1.507	0.006	87	2778	0.5000	0.5181	M
9 Bromomethane	94	1.726	1.726	0.000	62	2103	0.5000	0.5180	
10 Chloroethane	64	1.763	1.787	-0.024	24	1803	0.5000	0.5920	
11 Dichlorofluoromethane	67	1.927	1.933	-0.006	94	4800	0.5000	0.5986	
12 Trichlorofluoromethane	101	1.927	1.940	-0.013	68	3838	0.5000	0.5256	M
13 Pentane	72	1.946	1.952	-0.006	96	386	1.00	0.7125	
14 Ethanol	46	2.098	2.092	0.006	59	114	20.0	8.96	
15 Ethyl ether	74	2.104	2.104	0.000	58	1026	0.5000	0.5737	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	75	1480	0.5000	0.5192	M
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.165	2.159	0.006	67	1795	0.5000	0.5097	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.214	2.208	0.006	30	2444	0.5000	0.4923	M
19 Acrolein	56	2.244	2.257	-0.013	14	649	2.00	1.92	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.256	2.269	-0.013	60	2292	0.5000	0.6181	a
21 1,1-Dichloroethene	96	2.287	2.287	0.000	94	2110	0.5000	0.6030	M
22 Acetone	43	2.354	2.354	0.000	84	2945	2.50	2.93	
23 Iodomethane	142	2.415	2.415	0.000	98	3848	0.5000	0.5263	M
25 Isopropyl alcohol	45	2.427	2.433	-0.006	32	833	5.00	4.53	
24 Carbon disulfide	76	2.439	2.446	-0.007	98	7063	0.5000	0.5298	
26 3-Chloro-1-propene	76	2.543	2.549	-0.006	83	890	0.5000	0.4552	
27 Methyl acetate	43	2.561	2.561	0.000	63	2171	1.00	1.04	
28 Cyclopentene	67	2.555	2.567	-0.012	87	4307	0.5000	0.5683	
29 Acetonitrile	40	2.604	2.616	-0.012	54	985	5.00	5.25	a
* 31 TBA-d9 (IS)	66	2.653	2.665	-0.012	98	49907	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	2.659	2.665	-0.006	30	2925	0.5000	0.6864	
32 2-Methyl-2-propanol	59	2.732	2.720	0.012	4	2310	5.00	6.20	M
33 Methyl tert-butyl ether	73	2.799	2.805	-0.006	89	4844	0.5000	0.5217	
34 trans-1,2-Dichloroethene	96	2.811	2.824	-0.013	90	1929	0.5000	0.5348	
35 Acrylonitrile	53	2.884	2.891	-0.007	95	5468	5.00	5.04	M
36 Hexane	57	2.945	2.958	-0.013	59	1645	0.5000	0.4694	M
37 Isopropyl ether	45	3.140	3.153	-0.013	93	4591	0.5000	0.5106	
38 1,1-Dichloroethane	63	3.165	3.177	-0.012	97	3037	0.5000	0.5145	
39 Vinyl acetate	86	3.177	3.189	-0.012	91	335	1.00	0.7100	
40 2-Chloro-1,3-butadiene	88	3.201	3.208	-0.007	78	1374	0.5000	0.4877	
41 Tert-butyl ethyl ether	59	3.433	3.439	-0.006	95	3520	0.5000	0.3962	
* 42 2-Butanone-d5	46	3.604	3.610	-0.006	99	286739	250.0	250.0	
43 2,2-Dichloropropane	97	3.646	3.616	0.030	46	437	0.5000	0.3823	a
44 cis-1,2-Dichloroethene	96	3.634	3.640	-0.006	92	2009	0.5000	0.5265	
45 2-Butanone (MEK)	72	3.665	3.659	0.006	96	1127	2.50	3.07	
46 Ethyl acetate	70	3.659	3.671	-0.012	91	274	1.00	0.9354	
47 Methyl acrylate	55	3.713	3.707	0.006	60	1265	0.5000	0.5198	
48 Propionitrile	54	3.774	3.781	-0.007	77	2325	5.00	5.38	
49 Chlorobromomethane	128	3.829	3.842	-0.013	71	1019	0.5000	0.4976	
50 Tetrahydrofuran	72	3.854	3.848	0.006	38	414	1.00	1.07	
51 Methacrylonitrile	67	3.872	3.872	0.000	92	5595	5.00	4.70	
52 Chloroform	83	3.896	3.896	0.000	91	3140	0.5000	0.5058	
53 Cyclohexane	84	4.012	4.006	0.006	88	2311	0.5000	0.4721	M
54 1,1,1-Trichloroethane	97	4.024	4.024	0.000	87	3687	0.5000	0.5771	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	197425	50.0	50.5	
56 Carbon tetrachloride	117	4.122	4.128	-0.006	79	2966	0.5000	0.5336	M
57 1,1-Dichloropropene	75	4.165	4.159	0.006	91	2333	0.5000	0.5418	
58 Isobutyl alcohol	43	4.305	4.299	0.006	59	2266	12.5	12.0	M
59 Isooctane	57	4.317	4.323	-0.006	83	4597	0.5000	0.4488	
60 Benzene	78	4.341	4.341	0.000	95	7345	0.5000	0.6261	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	96	233197	50.0	49.9	
62 Tert-amyl methyl ether	73	4.408	4.415	-0.007	79	4589	0.5000	0.4364	
63 Isopropyl acetate	61	4.427	4.421	0.006	84	538	0.5000	0.3676	M
64 1,2-Dichloroethane	62	4.427	4.433	-0.006	93	3050	0.5000	0.6038	
65 n-Heptane	100	4.500	4.500	0.000	84	447	0.5000	0.5629	
* 66 Fluorobenzene	96	4.610	4.616	-0.006	99	628493	50.0	50.0	
67 n-Butanol	56	4.939	4.927	0.012	33	856	12.5	11.9	M
68 Trichloroethene	95	4.945	4.945	0.000	85	1919	0.5000	0.5470	
69 Methylcyclohexane	83	5.061	5.055	0.006	89	2799	0.5000	0.5075	
70 Ethyl acrylate	99	5.073	5.079	-0.006	72	82	0.5000	0.1826	Ma
71 1,2-Dichloropropane	63	5.213	5.219	-0.006	50	1181	0.5000	0.4269	
* 72 1,4-Dioxane-d8	96	5.280	5.274	0.006	86	31968	1000.0	1000.0	
73 Methyl methacrylate	100	5.317	5.311	0.006	74	657	1.00	0.8389	
74 Dibromomethane	93	5.341	5.335	0.006	88	1194	0.5000	0.5467	M
75 1,4-Dioxane	88	5.335	5.335	0.000	44	825	25.0	22.2	
76 n-Propyl acetate	43	5.366	5.366	0.000	56	1722	0.5000	0.4950	
77 Dichlorobromomethane	83	5.481	5.488	-0.007	93	2591	0.5000	0.5571	
78 2-Nitropropane	41	5.841	5.817	0.024	86	1351	1.00	1.84	a
79 2-Chloroethyl vinyl ether	63	5.835	5.829	0.006	55	524	0.5012	0.4921	a
80 Epichlorohydrin	57	5.908	5.920	-0.012	65	2284	10.0	8.27	
81 cis-1,3-Dichloropropene	75	5.963	5.969	-0.006	91	2518	0.5000	0.5344	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	92	5983	2.50	2.44	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.195	6.201	-0.006	99	615108	50.0	51.8	
84 Toluene	91	6.274	6.274	0.000	90	6746	0.5000	0.5645	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	83	2765	0.5000	0.6090	
86 Ethyl methacrylate	69	6.664	6.670	-0.006	16	1359	0.5000	0.4541	Ma
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	88	1101	0.5000	0.5207	
88 Tetrachloroethene	166	6.853	6.853	0.000	92	2349	0.5000	0.6378	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	94	2060	0.5000	0.4975	
90 2-Hexanone	43	7.109	7.109	0.000	96	3591	2.50	2.37	
91 n-Butyl acetate	43	7.231	7.231	0.000	95	1849	0.5000	0.5559	
92 Chlorodibromomethane	129	7.243	7.243	0.000	87	1339	0.5000	0.4206	M
93 Ethylene Dibromide	107	7.377	7.384	-0.007	40	1397	0.5000	0.5227	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	86	436543	50.0	50.0	
95 Chlorobenzene	112	7.963	7.957	0.006	85	4373	0.5000	0.5267	
96 Ethylbenzene	106	8.072	8.072	0.000	98	2132	0.5000	0.5097	
97 1,1,1,2-Tetrachloroethane	131	8.091	8.085	0.006	47	2109	0.5000	0.5870	M
98 m-Xylene & p-Xylene	106	8.237	8.231	0.006	98	2289	0.5000	0.4554	
99 o-Xylene	106	8.743	8.743	0.000	93	2489	0.5000	0.4604	M
100 n-Butyl acrylate	73	8.773	8.767	0.006	34	753	0.5000	0.4094	a
101 Styrene	104	8.786	8.780	0.006	92	3388	0.5000	0.4326	
102 Bromoform	173	9.042	9.036	0.006	27	1026	0.5000	0.4409	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	93	1827	0.5000	0.4530	
104 Isopropylbenzene	105	9.218	9.213	0.006	97	6435	0.5000	0.4445	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	214312	50.0	50.4	
106 Bromobenzene	156	9.596	9.597	-0.001	93	1914	0.5000	0.4795	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	91	1838	0.5000	0.5295	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	7837	0.5000	0.4766	
109 1,2,3-Trichloropropane	110	9.731	9.731	0.000	37	491	0.5000	0.4509	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	1	125	0.5000	0.5191	
111 2-Chlorotoluene	91	9.816	9.816	0.000	96	4837	0.5000	0.4250	
112 4-Ethyltoluene	105	9.840	9.840	0.000	96	6114	0.5000	0.4481	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	91	5468	0.5000	0.4439	
114 4-Chlorotoluene	91	9.944	9.944	0.000	97	5672	0.5000	0.5032	
115 Butyl Methacrylate	87	10.066	10.066	0.000	81	726	0.5000	0.2058	
116 tert-Butylbenzene	119	10.249	10.243	0.006	92	4977	0.5000	0.4528	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	96	5540	0.5000	0.4387	
118 sec-Butylbenzene	105	10.468	10.468	0.000	97	7393	0.5000	0.4490	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	92	3856	0.5000	0.4993	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	97	6044	0.5000	0.4267	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	259481	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	87	4026	0.5000	0.5206	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	94	5458	0.5000	0.4078	
124 Benzyl chloride	91	10.840	10.846	-0.006	96	2563	0.5000	0.4378	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	5917	0.5000	0.4564	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	89	3252	0.5000	0.4256	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	3413	0.5000	0.4715	
128 1,2-Dichlorobenzene	146	11.035	11.035	0.000	95	3717	0.5000	0.4909	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	95	6464	0.5000	0.4203	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	27	428	0.5000	0.4266	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	91	3423	0.5000	0.4475	
132 1,2,4-Trichlorobenzene	180	12.364	12.370	-0.006	93	3969	0.5000	0.5125	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	91	1897	0.5000	0.4870	
134 Naphthalene	128	12.559	12.559	0.000	99	6783	0.5000	0.4601	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.748	12.742	0.006	93	3368	0.5000	0.4825	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.06	
S 137 Xylenes, Total	100				0		1.00	0.9157	
S 138 Total 1,2-dichloroethene	1				0			1.06	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.14	
S 140 Total BTEX	1				0		2.50	2.62	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 5.00	Units: uL	
14DIOXINTER_00119	Amount Added: 15.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 5.00	Units: uL	
524freon_00028	Amount Added: 5.00	Units: uL	
ACROLEIN W_00113	Amount Added: 2.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

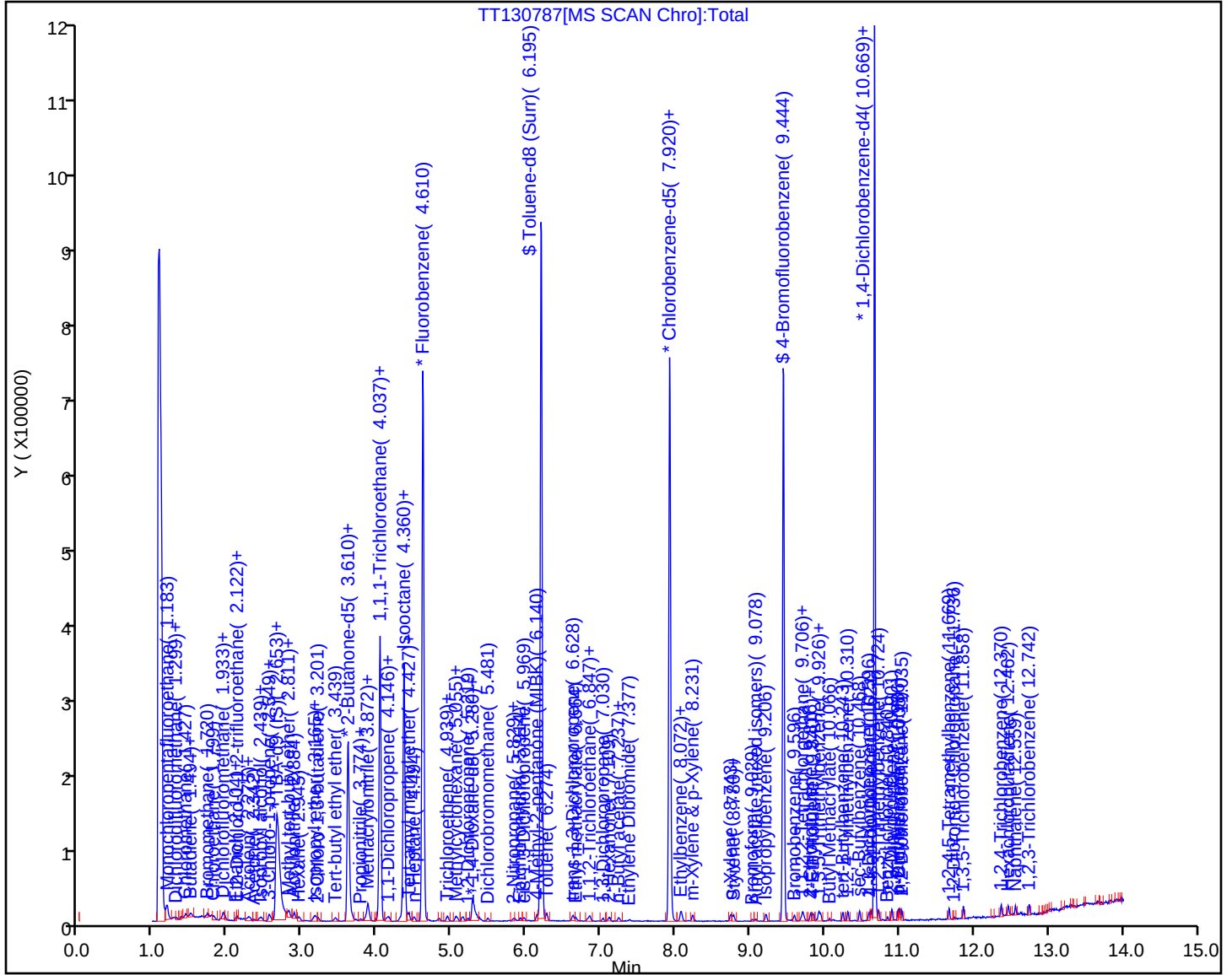
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

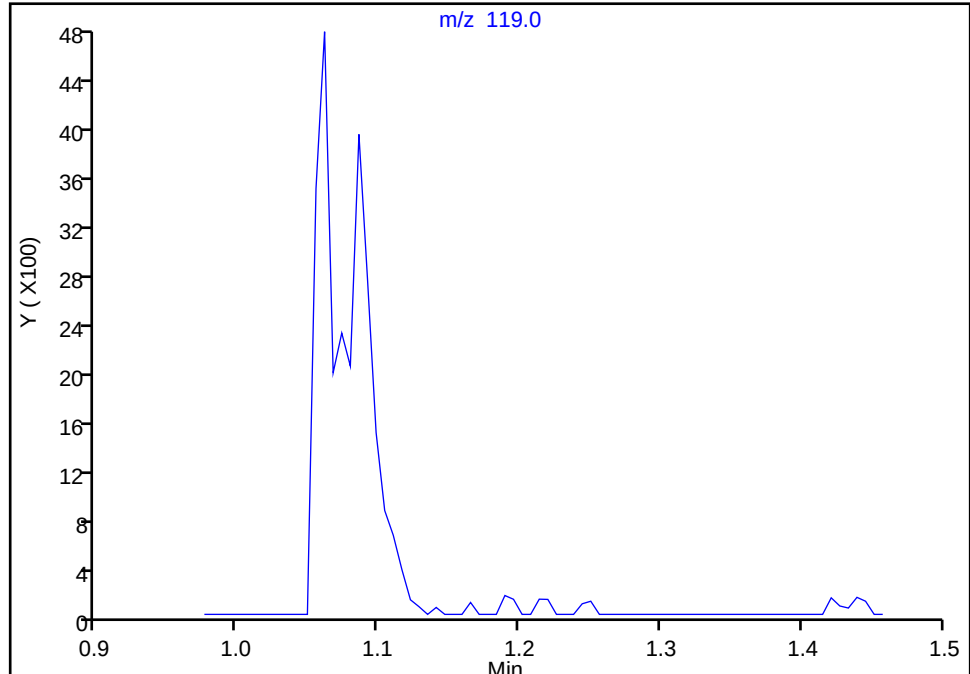
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

Not Detected

Expected RT: 1.20

Processing Integration Results



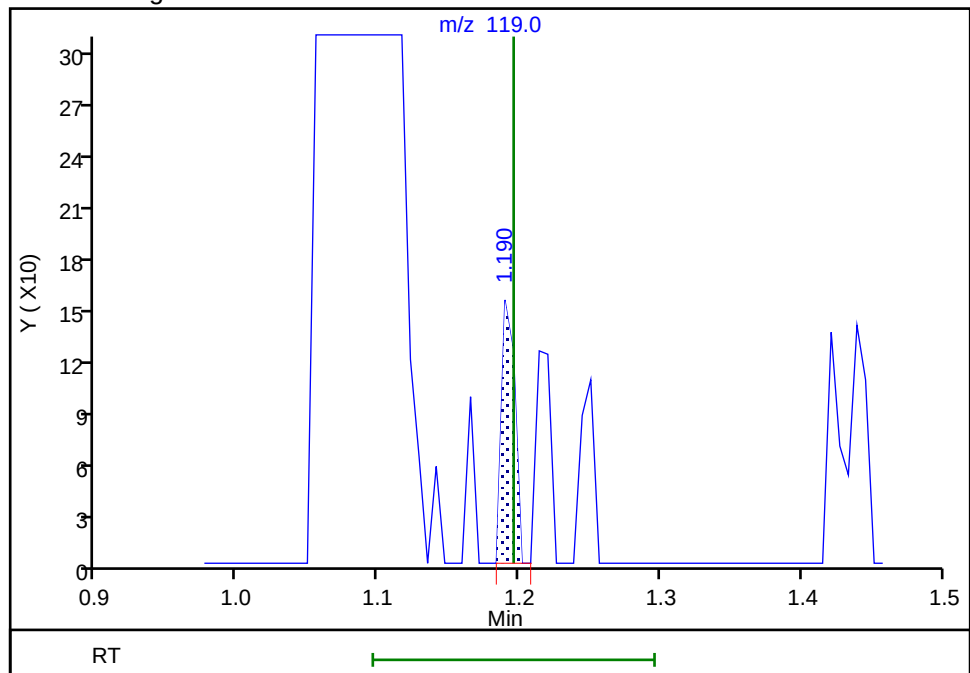
RT: 1.19

Area: 102

Amount: 0.208760

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:44:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

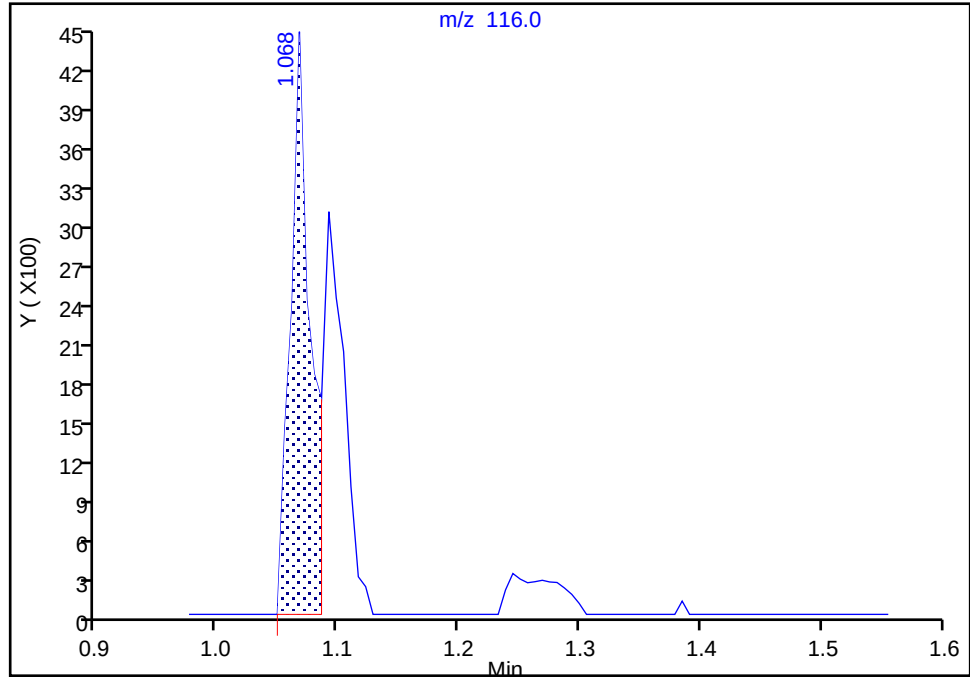
Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

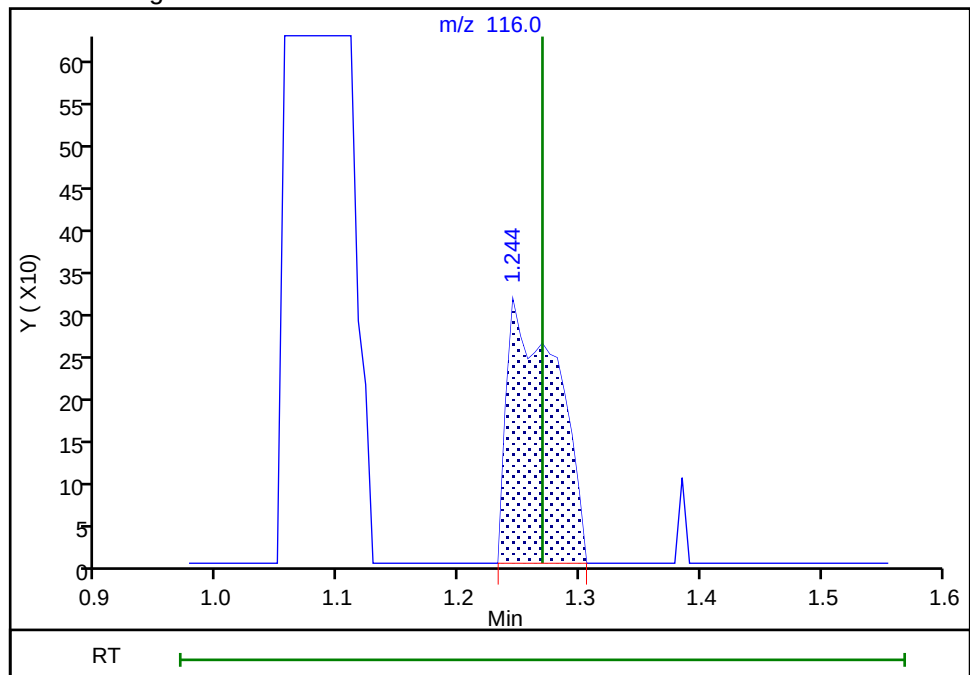
RT: 1.07
Area: 5193
Amount: 1.380740
Amount Units: ug/l

Processing Integration Results



RT: 1.24
Area: 902
Amount: 0.514201
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:31:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

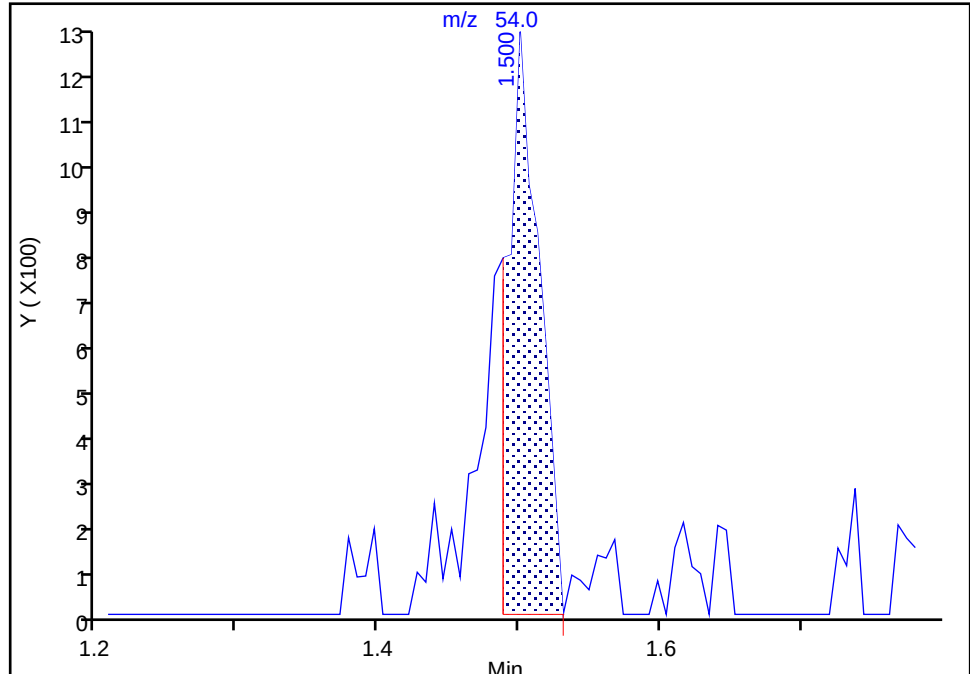
Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 1

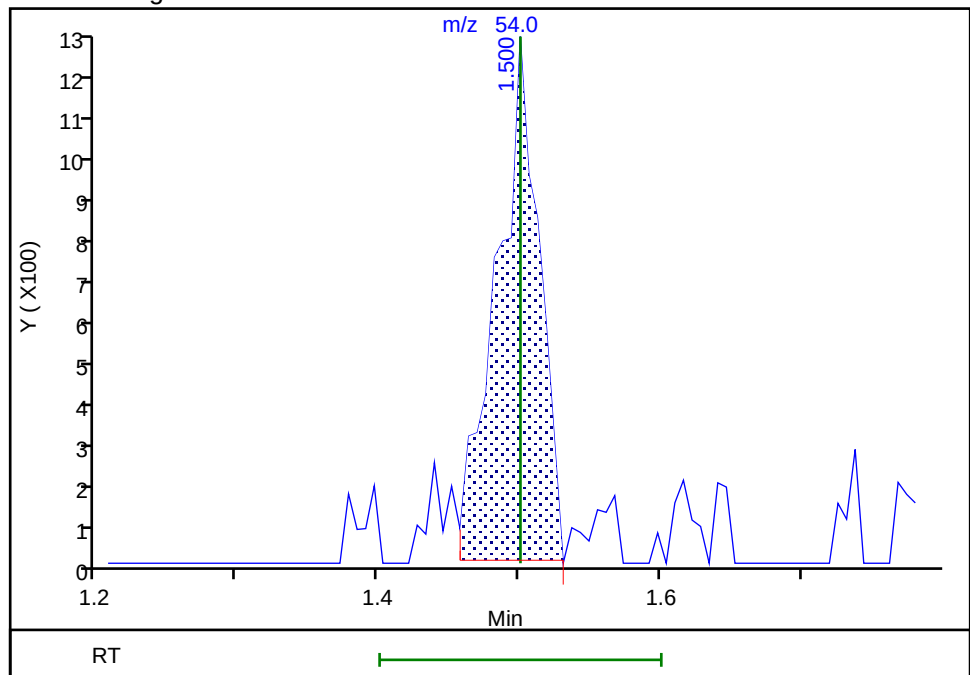
RT: 1.50
Area: 1941
Amount: 0.459079
Amount Units: ug/l

Processing Integration Results



RT: 1.50
Area: 2563
Amount: 0.562715
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:44:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

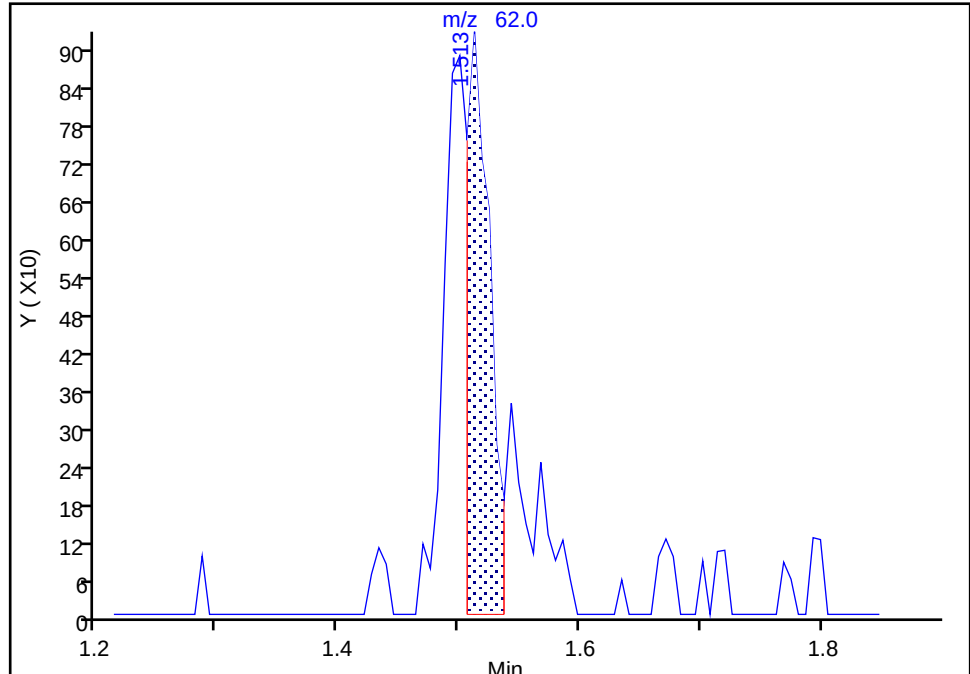
Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

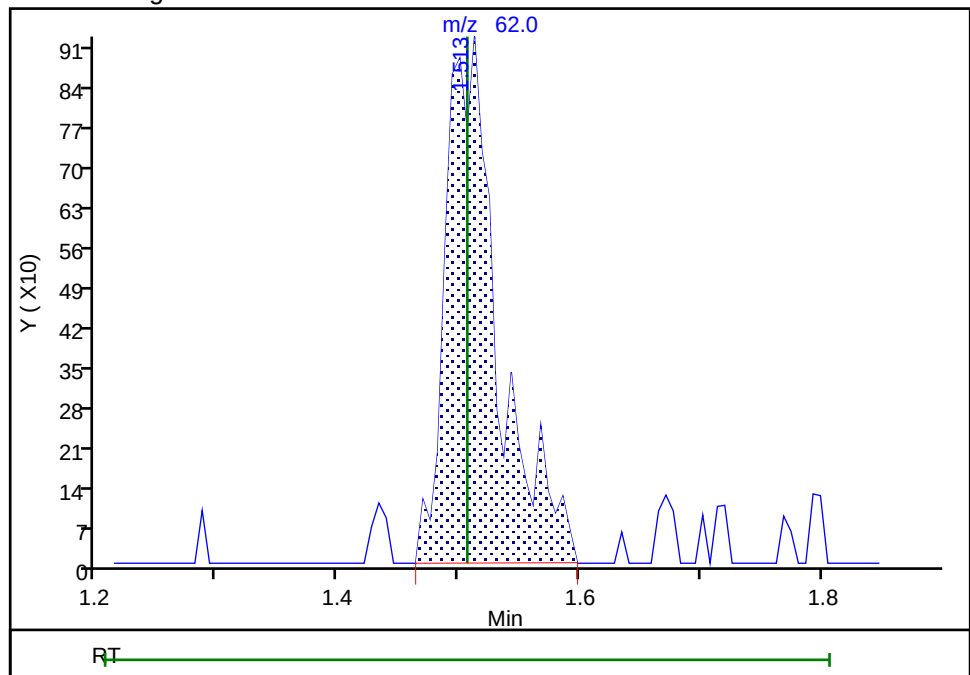
RT: 1.51
Area: 1281
Amount: 0.244244
Amount Units: ug/l

Processing Integration Results



RT: 1.51
Area: 2778
Amount: 0.518136
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:44:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

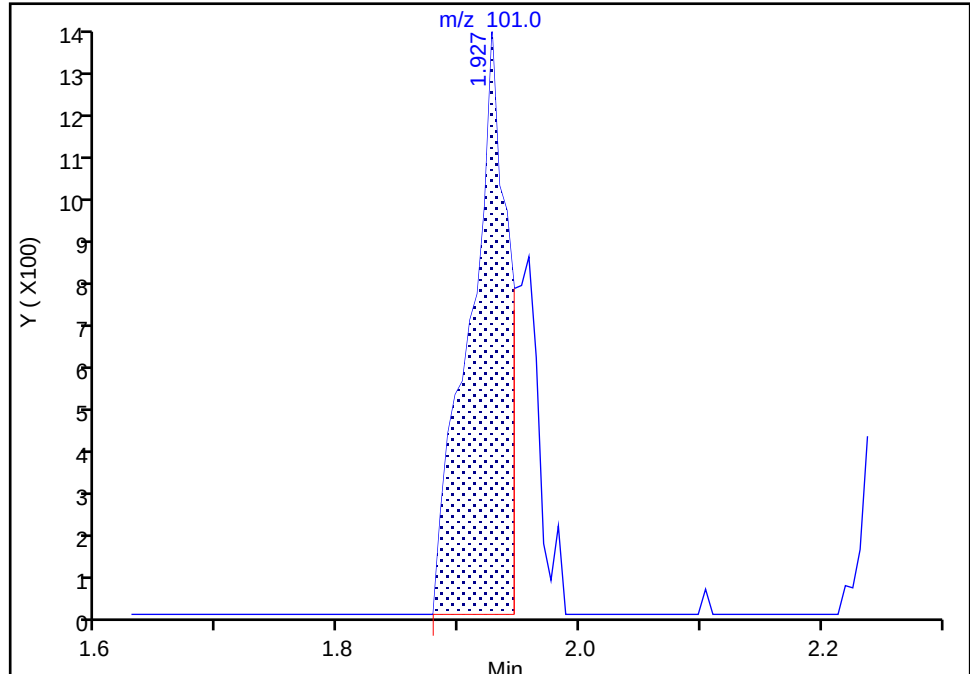
Detector MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

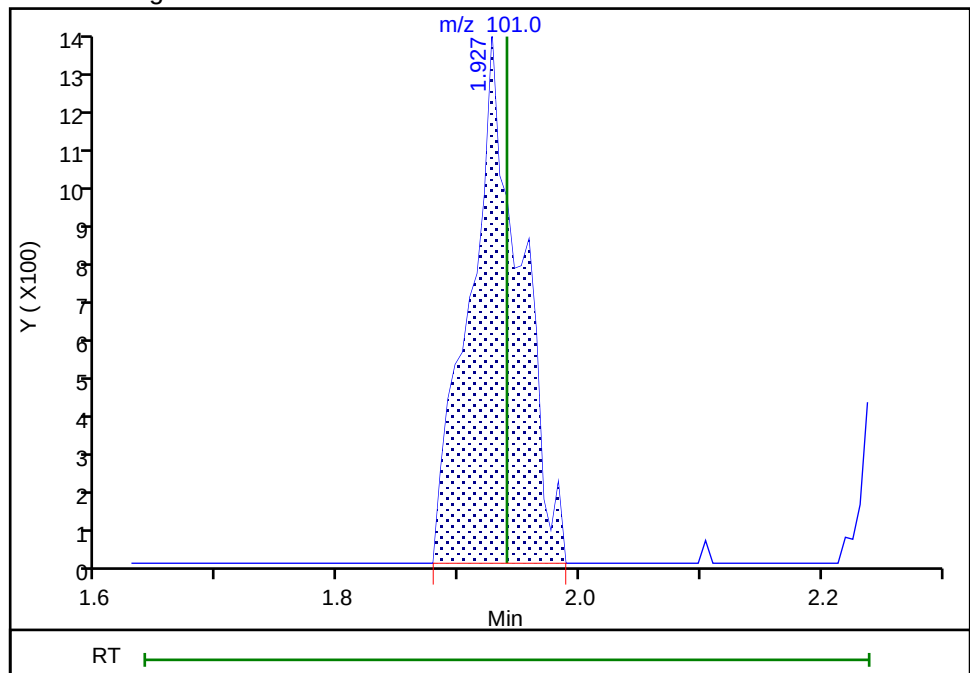
RT: 1.93
Area: 2897
Amount: 0.398948
Amount Units: ug/l

Processing Integration Results



RT: 1.93
Area: 3838
Amount: 0.525557
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:44:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

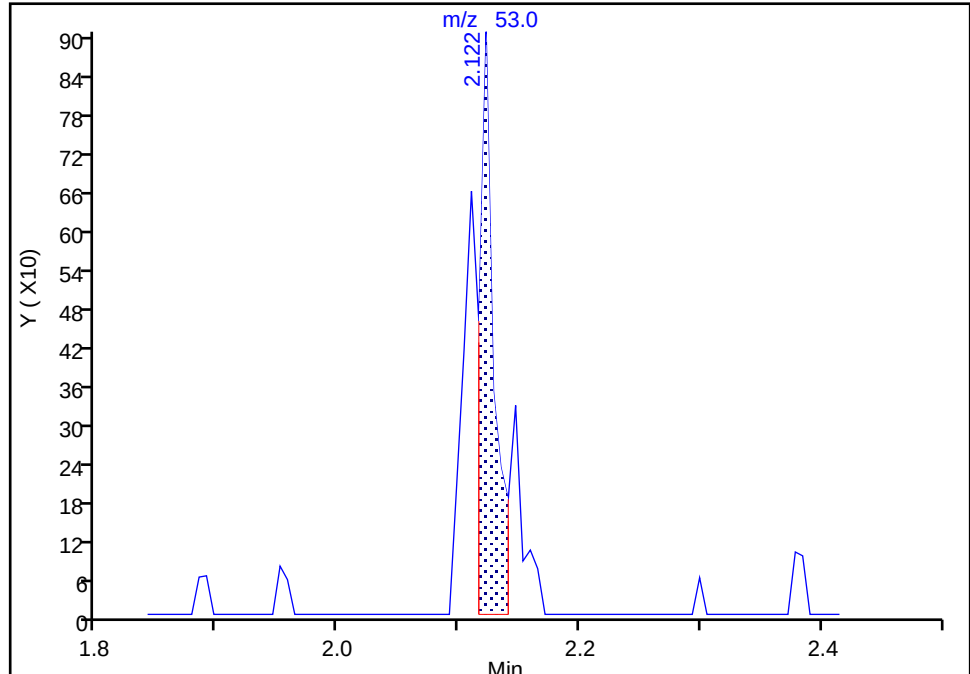
Detector: MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

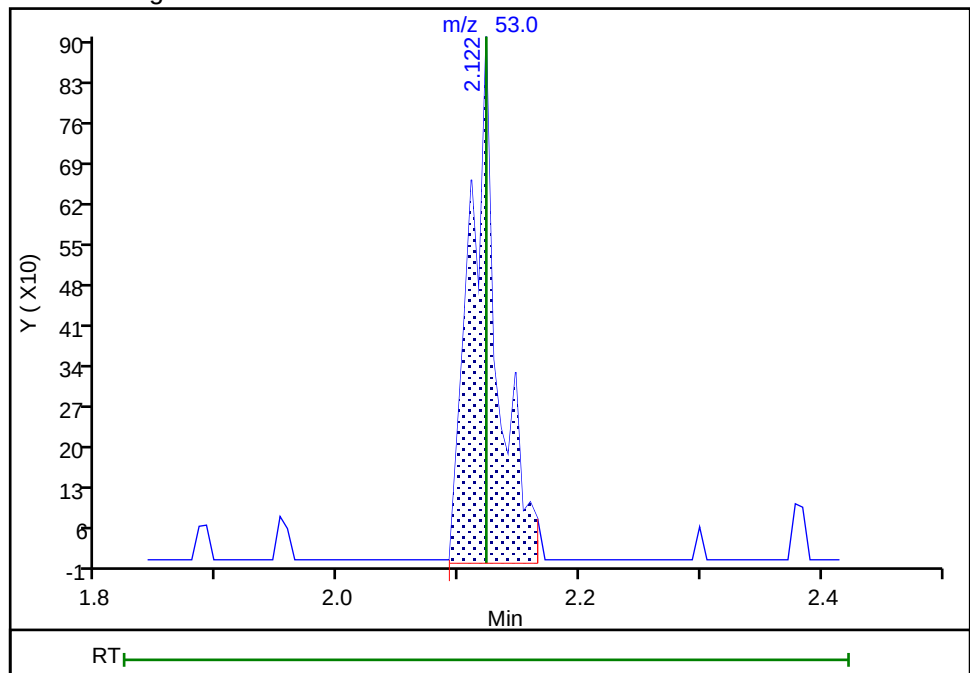
RT: 2.12
Area: 774
Amount: 0.266003
Amount Units: ug/l

Processing Integration Results



RT: 2.12
Area: 1480
Amount: 0.519236
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:45:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

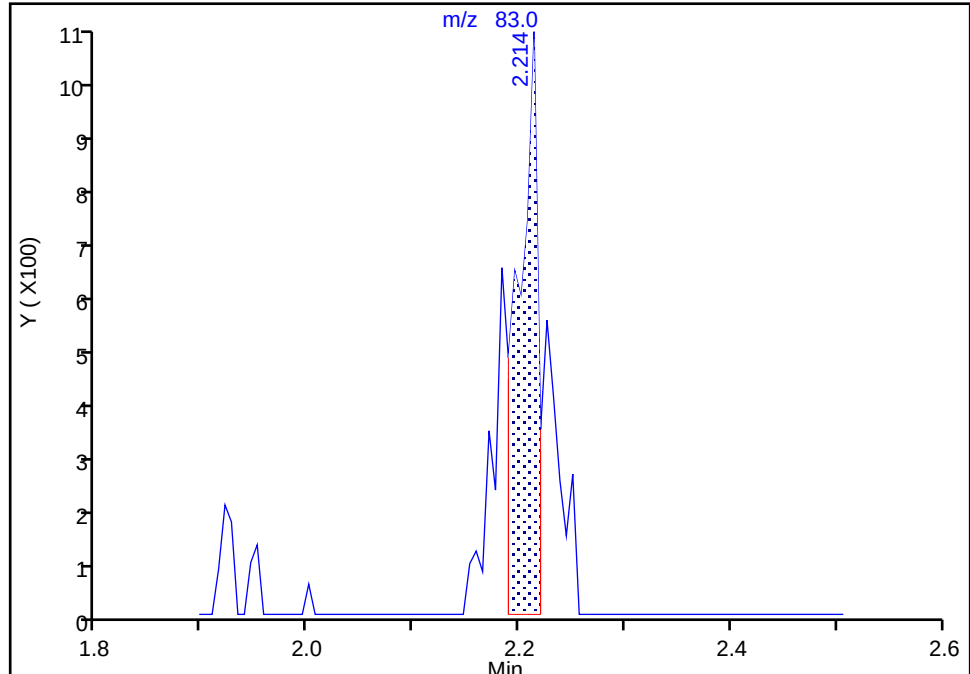
MS Quad

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

Signal: 1

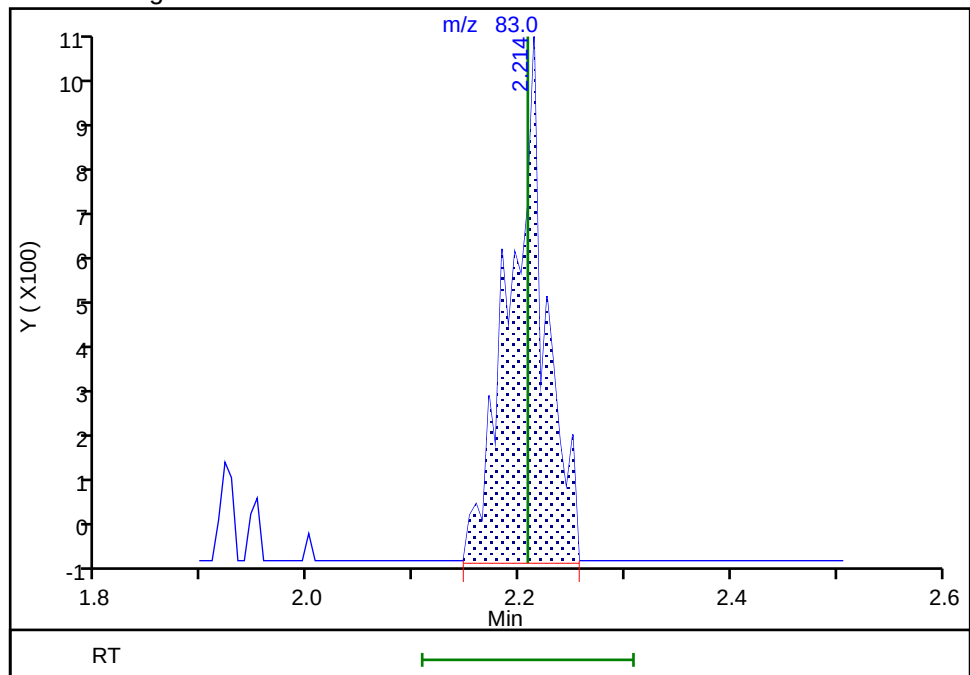
RT: 2.21
Area: 1334
Amount: 0.280824
Amount Units: ug/l

Processing Integration Results



RT: 2.21
Area: 2444
Amount: 0.492295
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:45:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

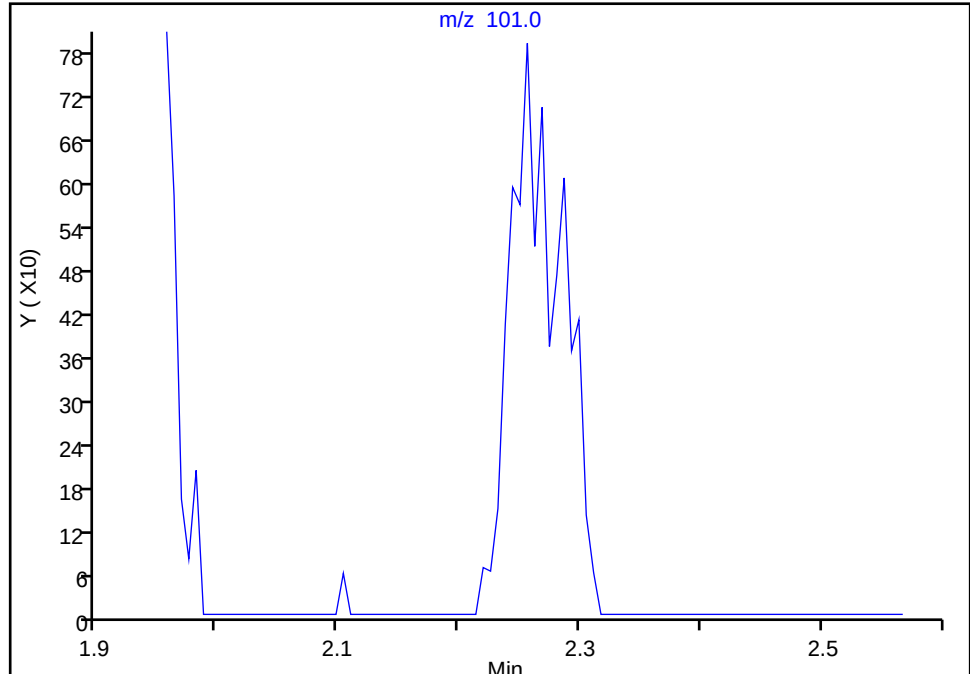
[20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1](#)

Signal: 1

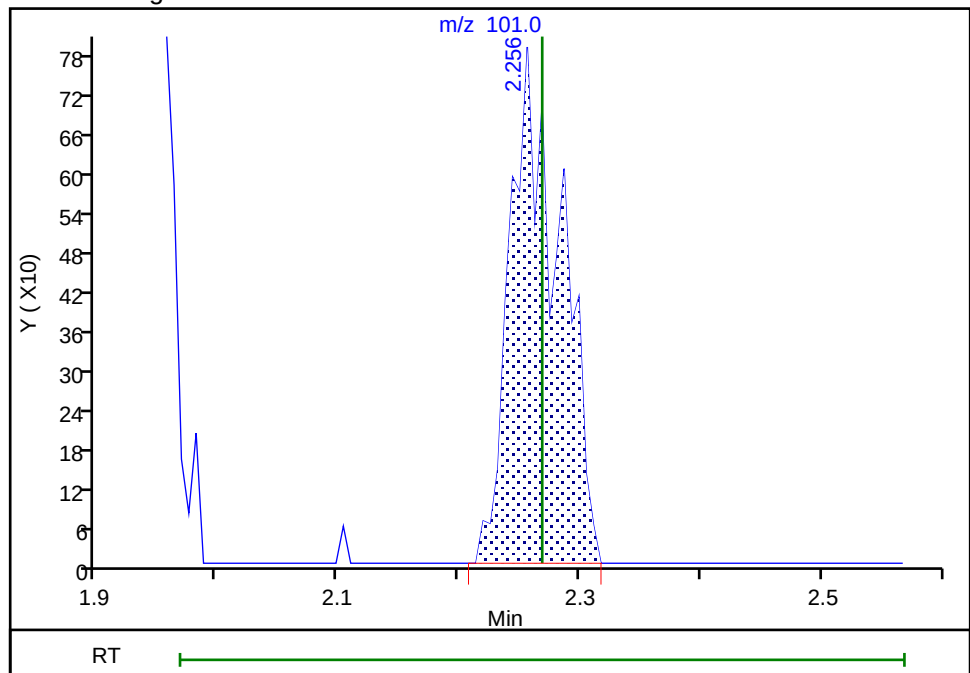
Not Detected

Expected RT: 2.27

Processing Integration Results



Manual Integration Results



RT: 2.26

Area: 2292

Amount: 0.618078

Amount Units: ug/l

Reviewer: desais, 03-Oct-2020 13:45:23

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

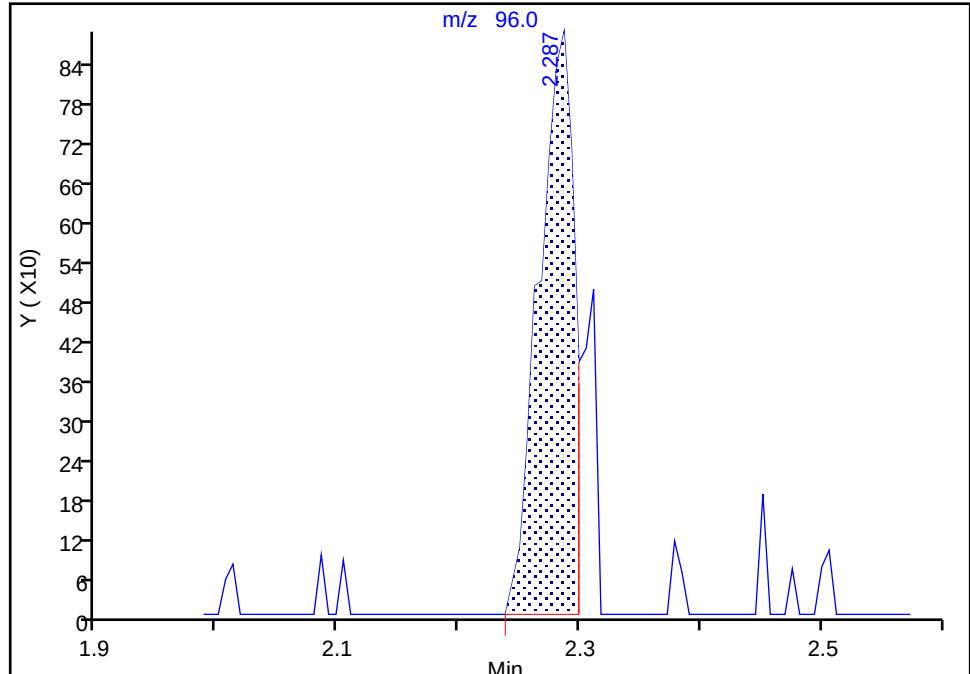
Detector: MS Quad

21 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

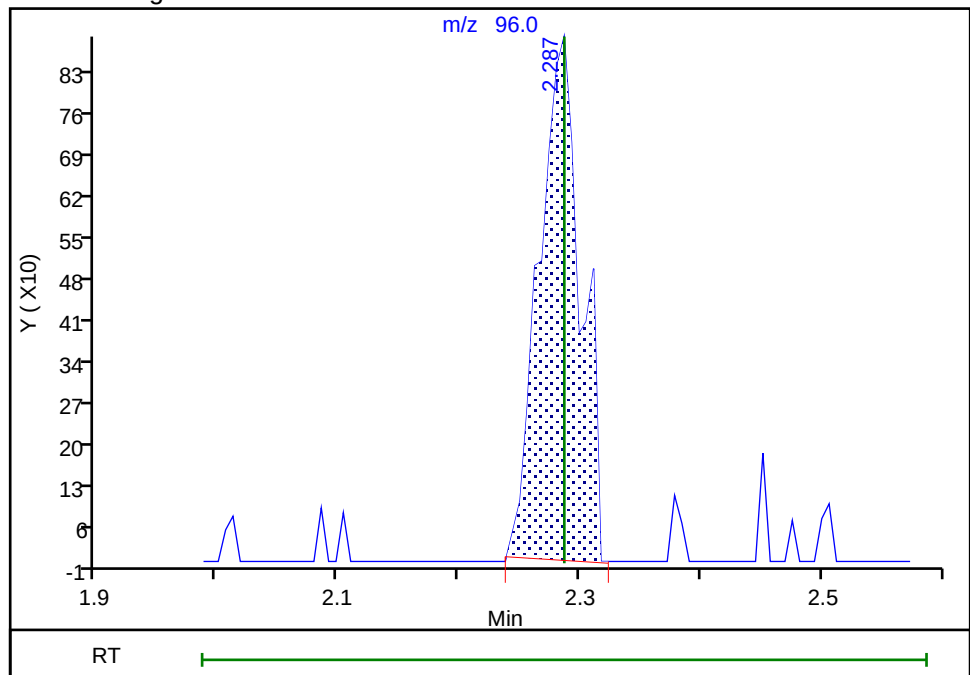
RT: 2.29
Area: 1796
Amount: 0.503499
Amount Units: ug/l

Processing Integration Results



RT: 2.29
Area: 2110
Amount: 0.602971
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:45:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

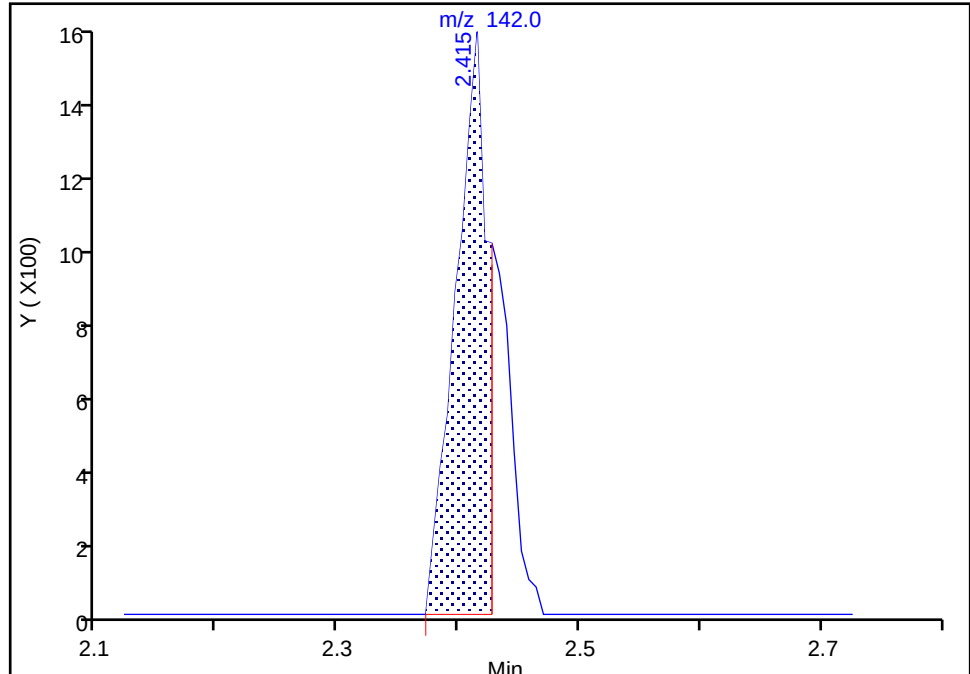
Detector: MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

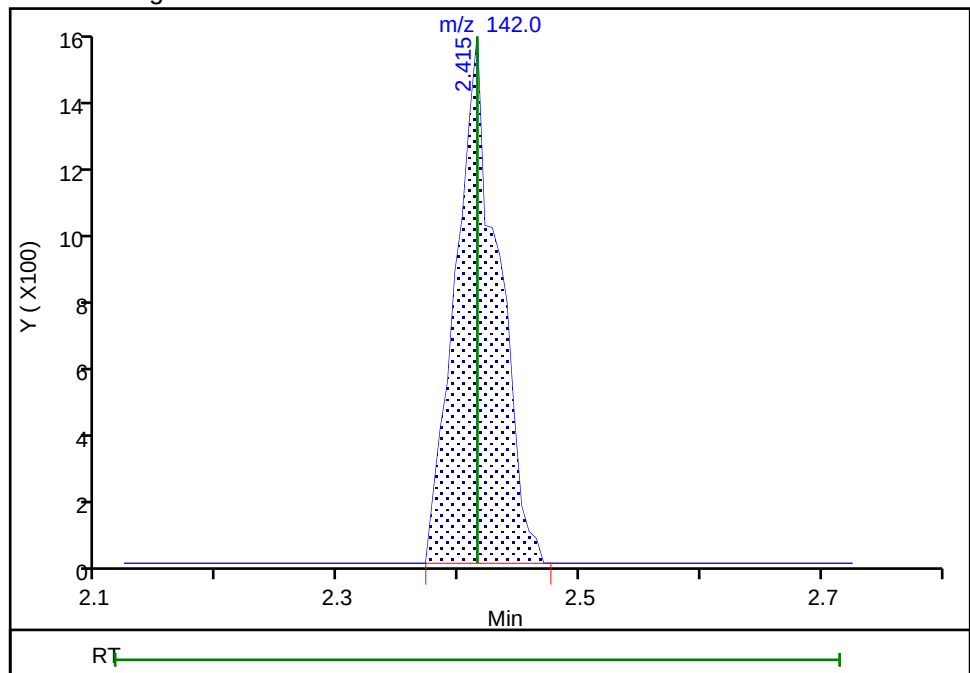
RT: 2.41
Area: 2934
Amount: 0.415330
Amount Units: ug/l

Processing Integration Results



RT: 2.41
Area: 3848
Amount: 0.526298
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:45:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

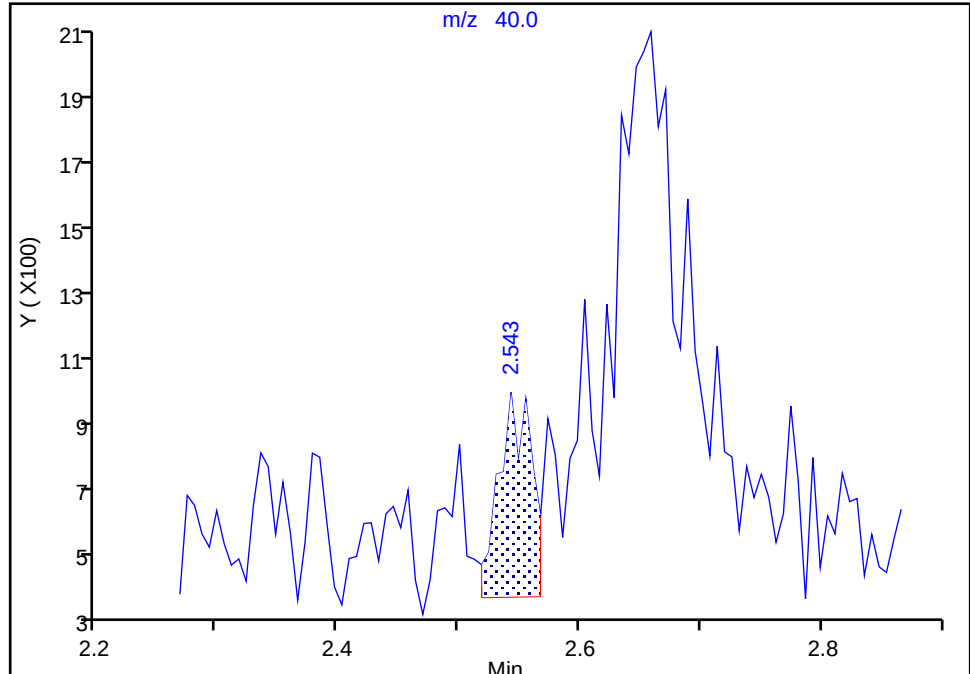
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

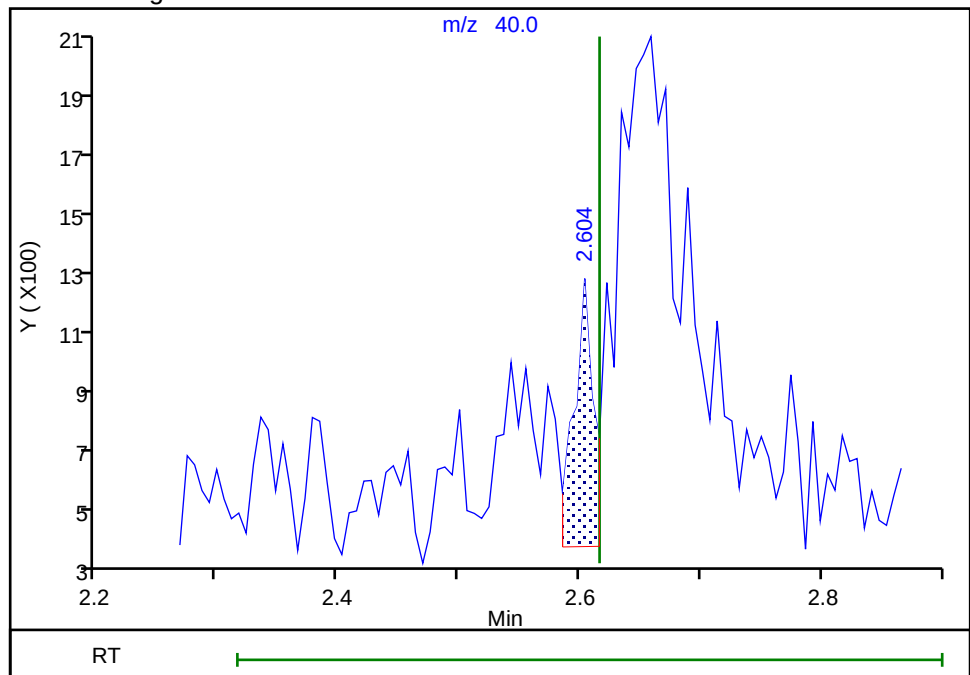
RT: 2.54
Area: 1133
Amount: 3.305325
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 985
Amount: 5.252556
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

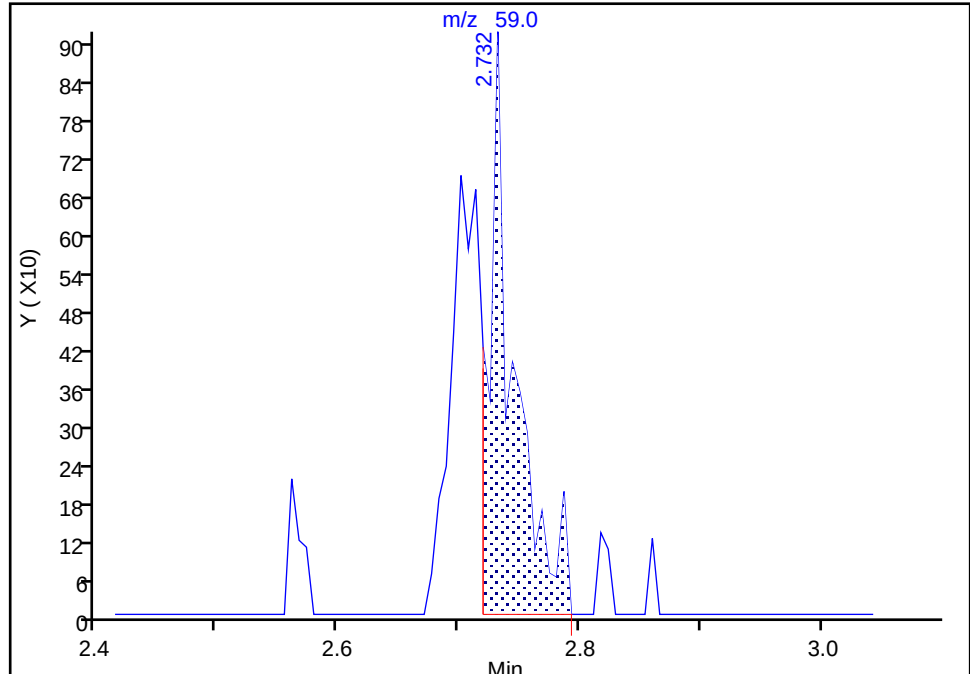
Detector MS Quad

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

Signal: 1

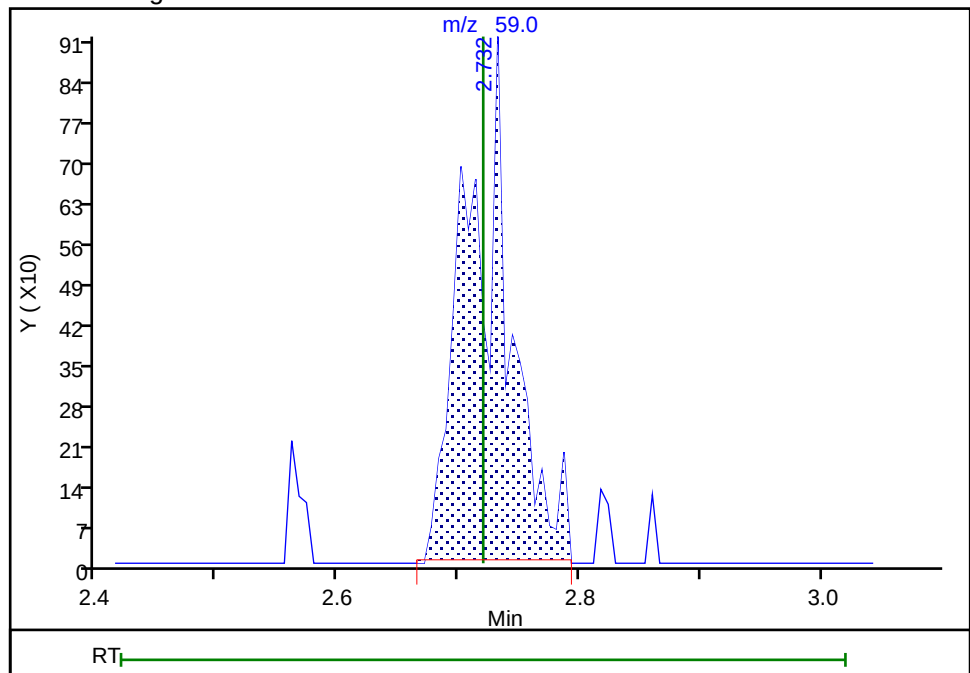
RT: 2.73
Area: 1310
Amount: 3.870106
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 2310
Amount: 6.196285
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

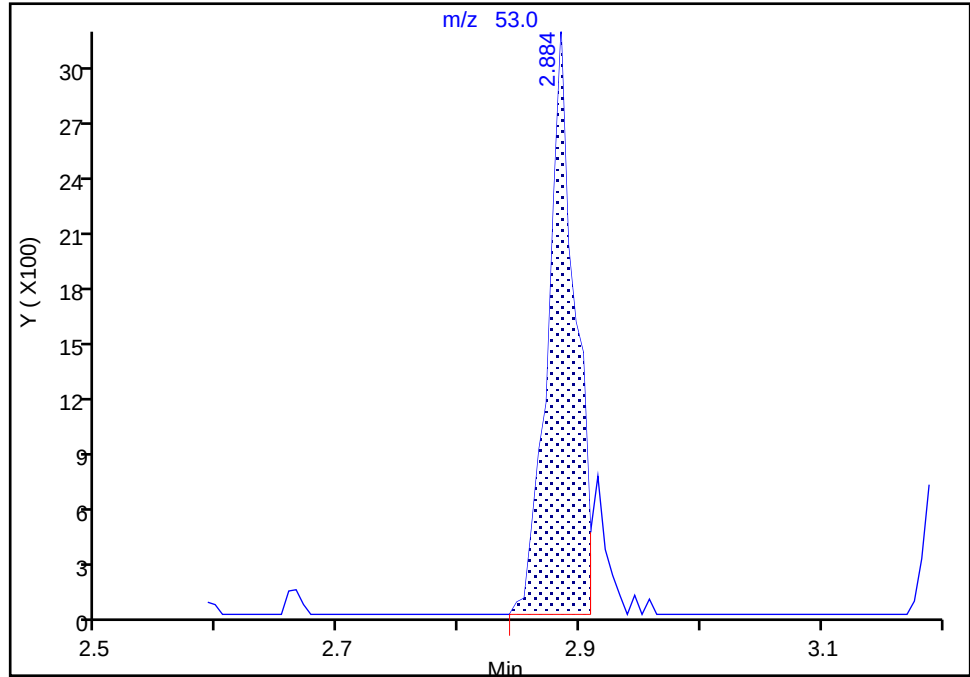
Detector MS Quad

35 Acrylonitrile, CAS: 107-13-1

Signal: 1

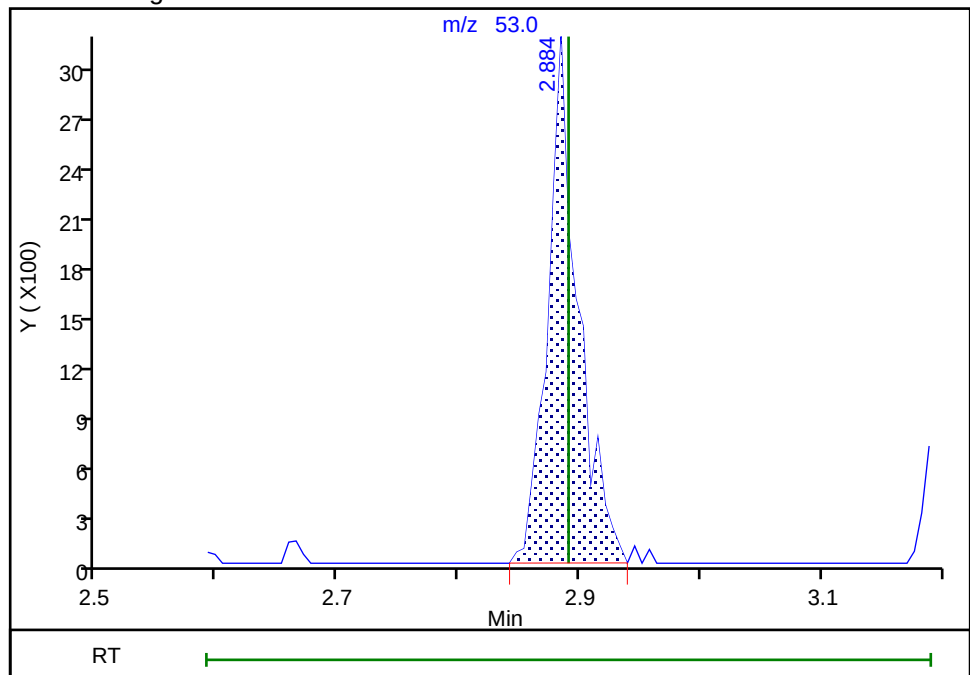
RT: 2.88
Area: 4958
Amount: 4.621642
Amount Units: ug/l

Processing Integration Results



RT: 2.88
Area: 5468
Amount: 5.037176
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:32:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

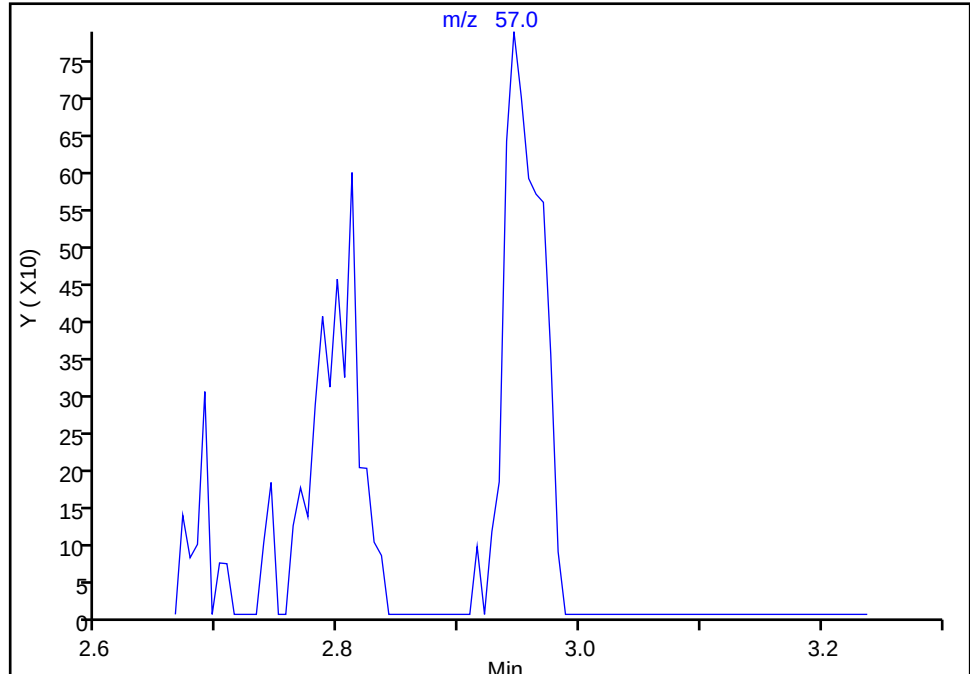
36 Hexane, CAS: 110-54-3

Signal: 1

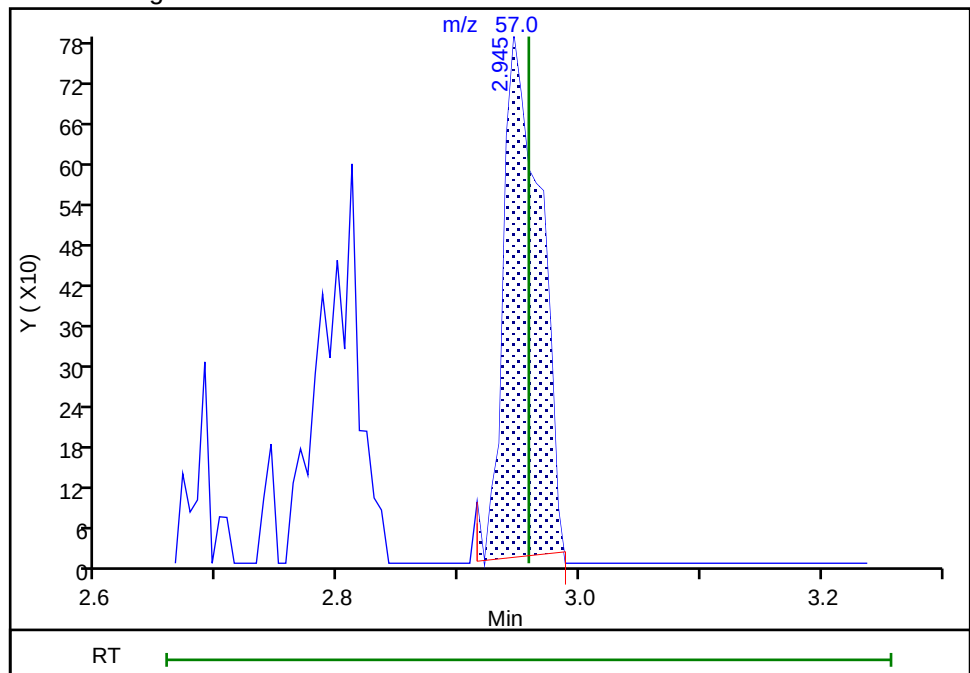
Not Detected

Expected RT: 2.96

Processing Integration Results



Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

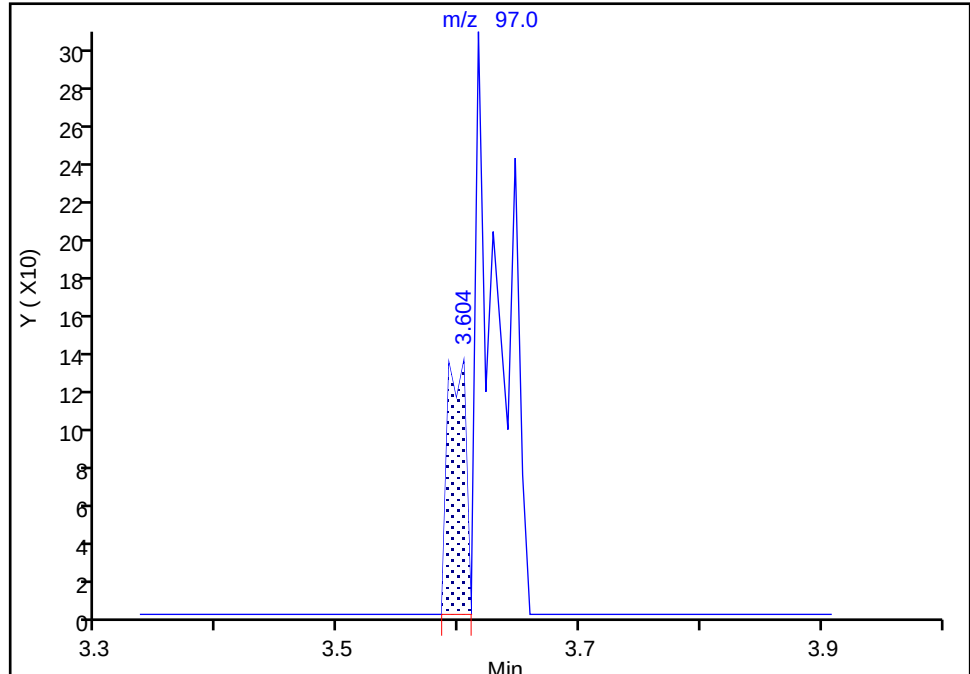
Detector MS Quad

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

Signal: 1

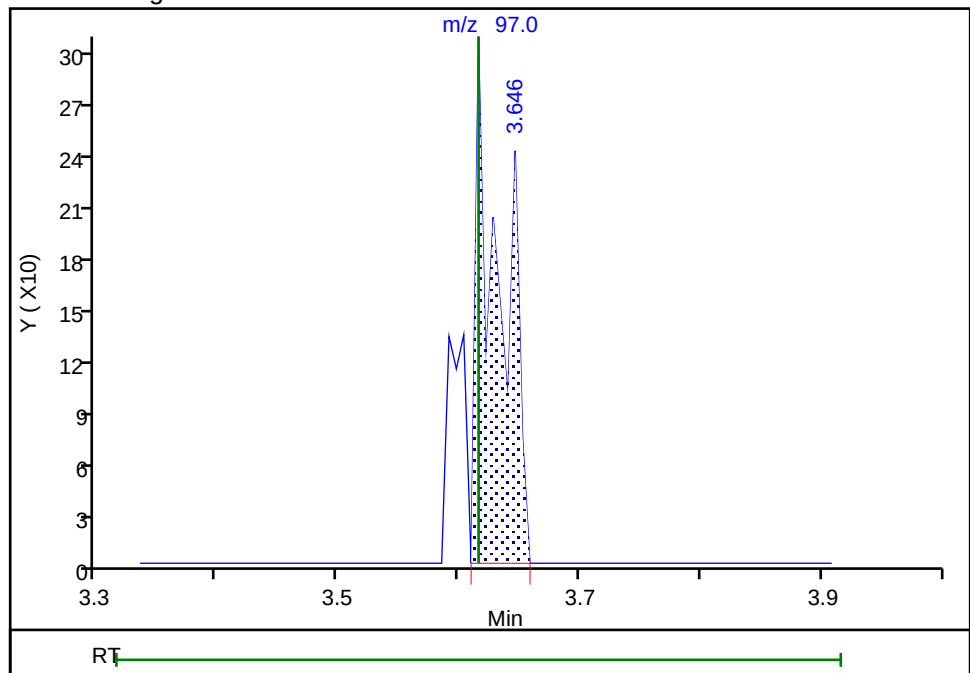
RT: 3.60
Area: 139
Amount: 0.119820
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 437
Amount: 0.382250
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:34

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

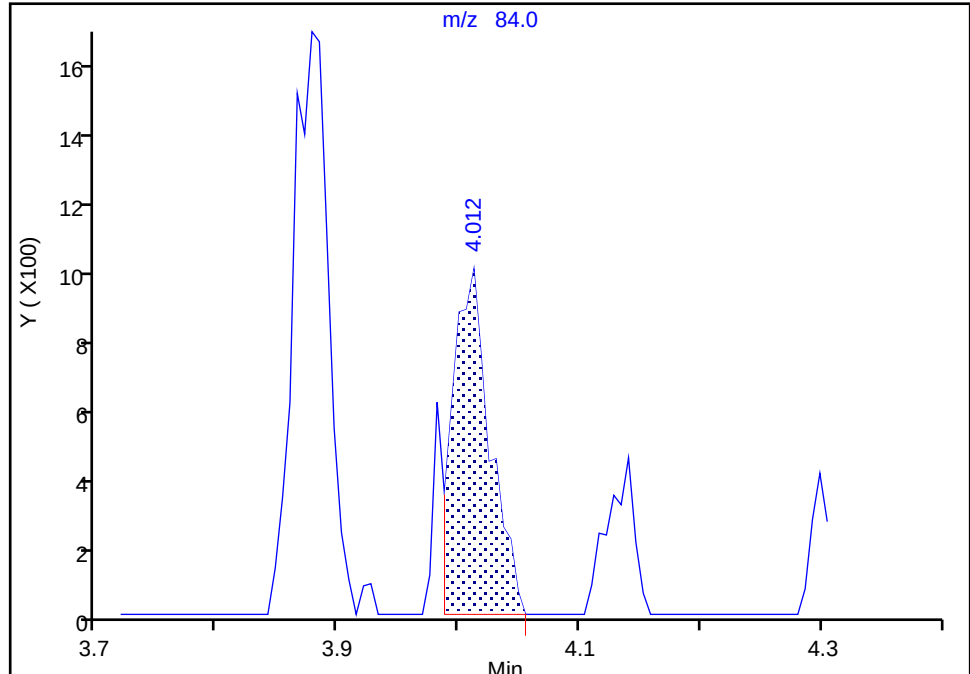
Detector: MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

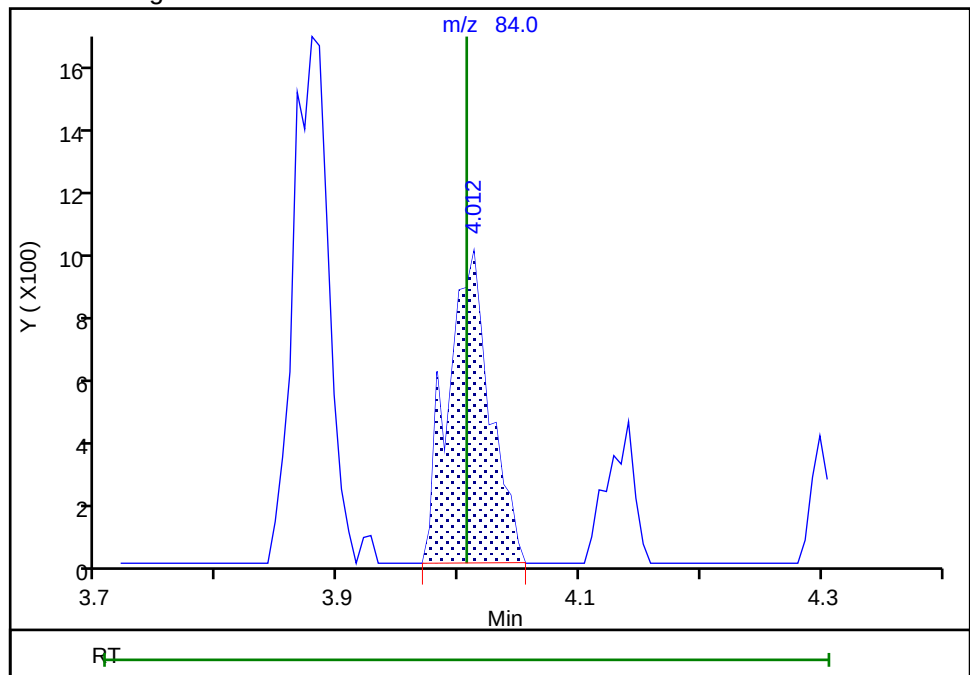
RT: 4.01
Area: 2062
Amount: 0.434825
Amount Units: ug/l

Processing Integration Results



RT: 4.01
Area: 2311
Amount: 0.472150
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

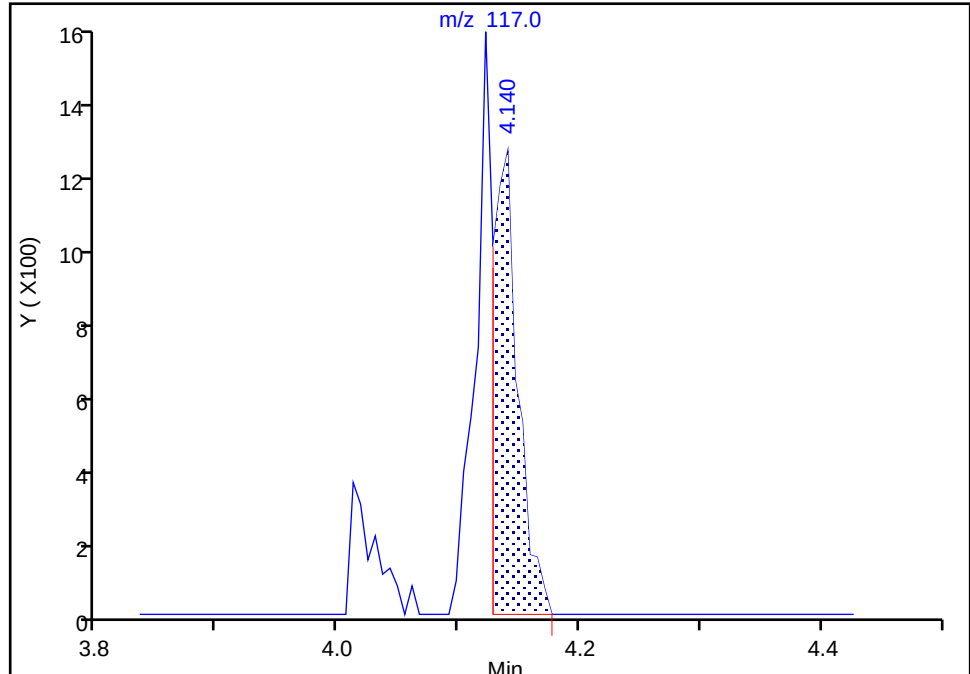
Detector MS Quad

56 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

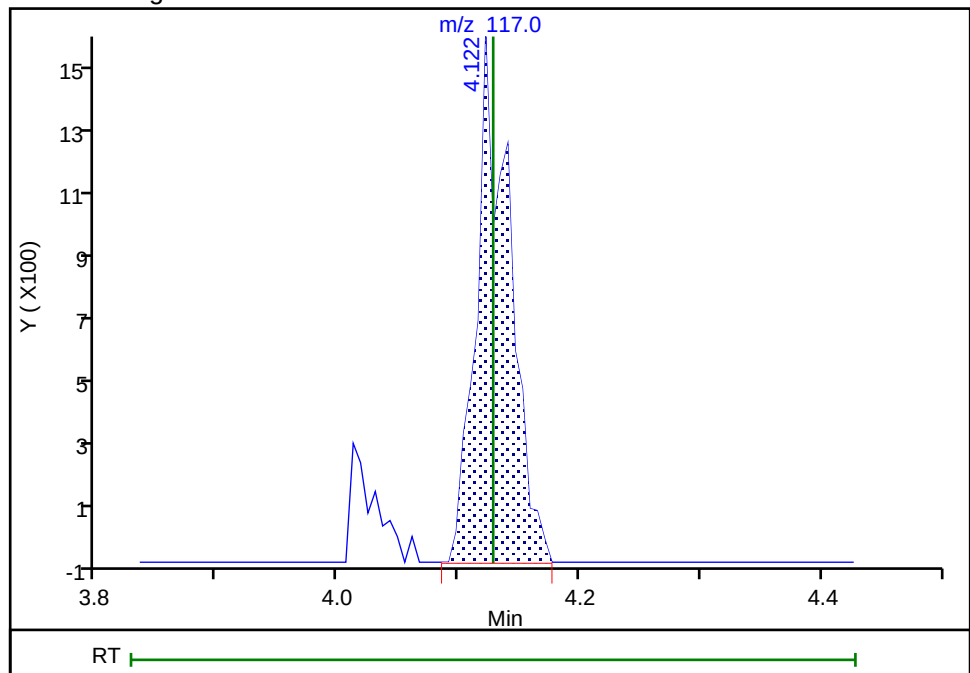
RT: 4.14
Area: 1767
Amount: 0.321060
Amount Units: ug/l

Processing Integration Results



RT: 4.12
Area: 2966
Amount: 0.533621
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:46:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

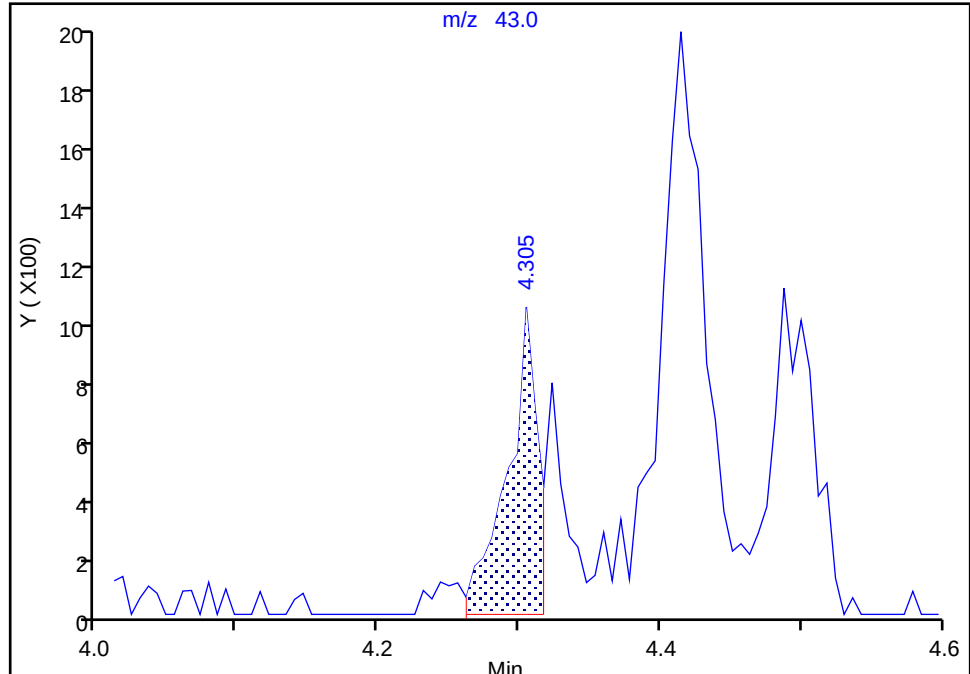
Detector MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

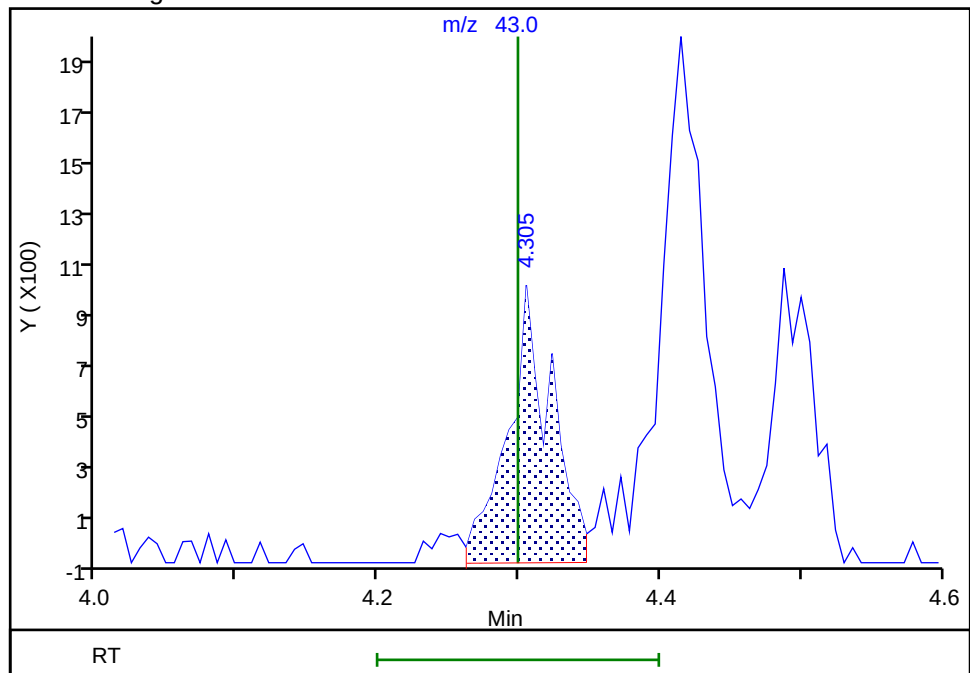
RT: 4.30
Area: 1587
Amount: 8.771825
Amount Units: ug/l

Processing Integration Results



RT: 4.30
Area: 2266
Amount: 12.009741
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 21:01:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

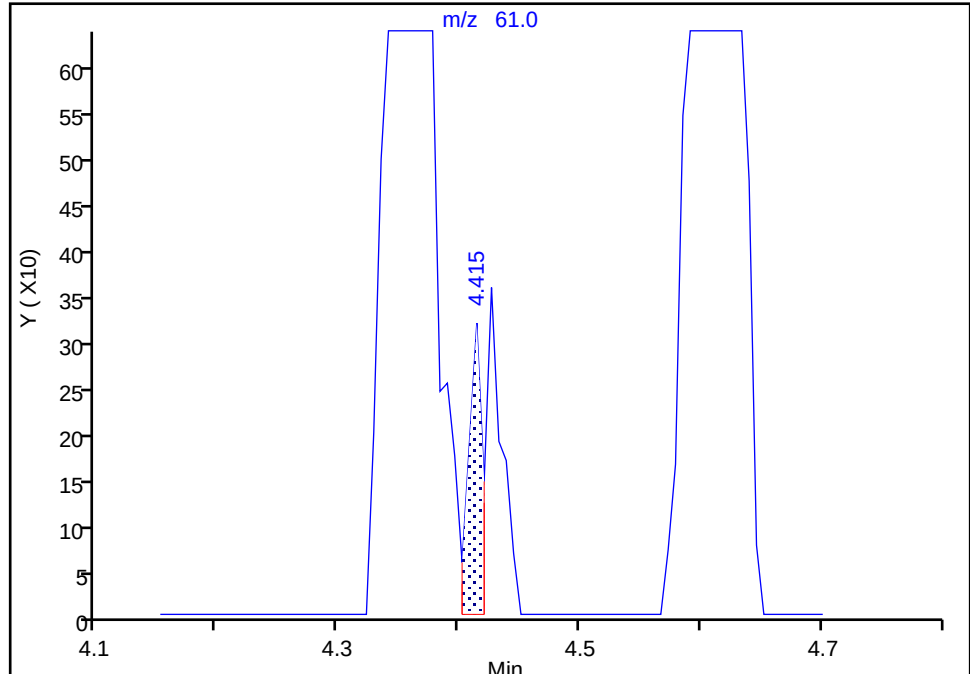
Detector MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

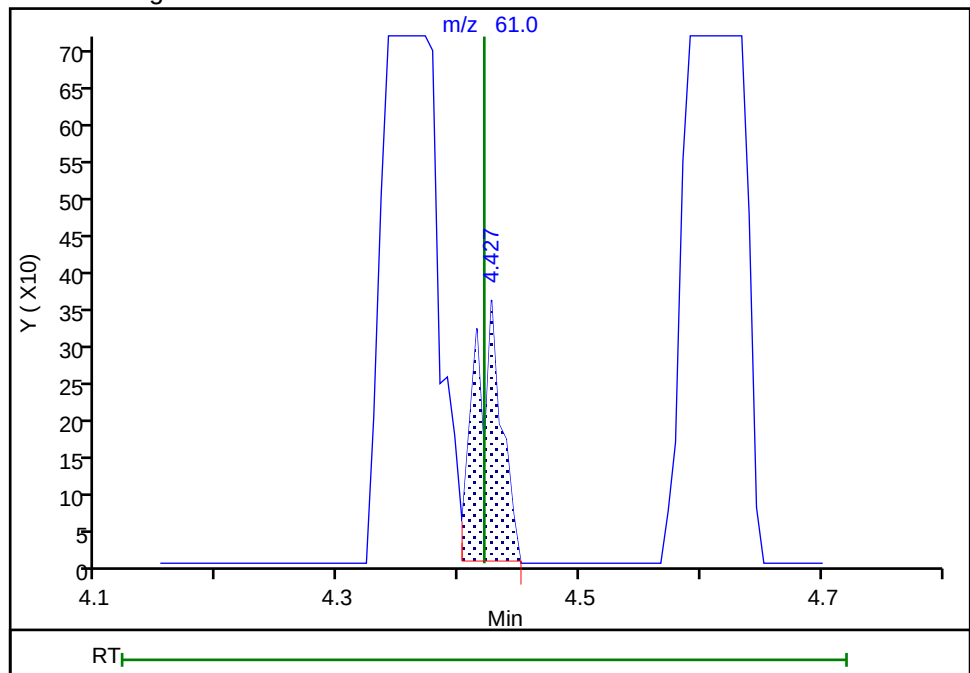
RT: 4.41
Area: 261
Amount: 0.175419
Amount Units: ug/l

Processing Integration Results



RT: 4.43
Area: 538
Amount: 0.367597
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:47:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

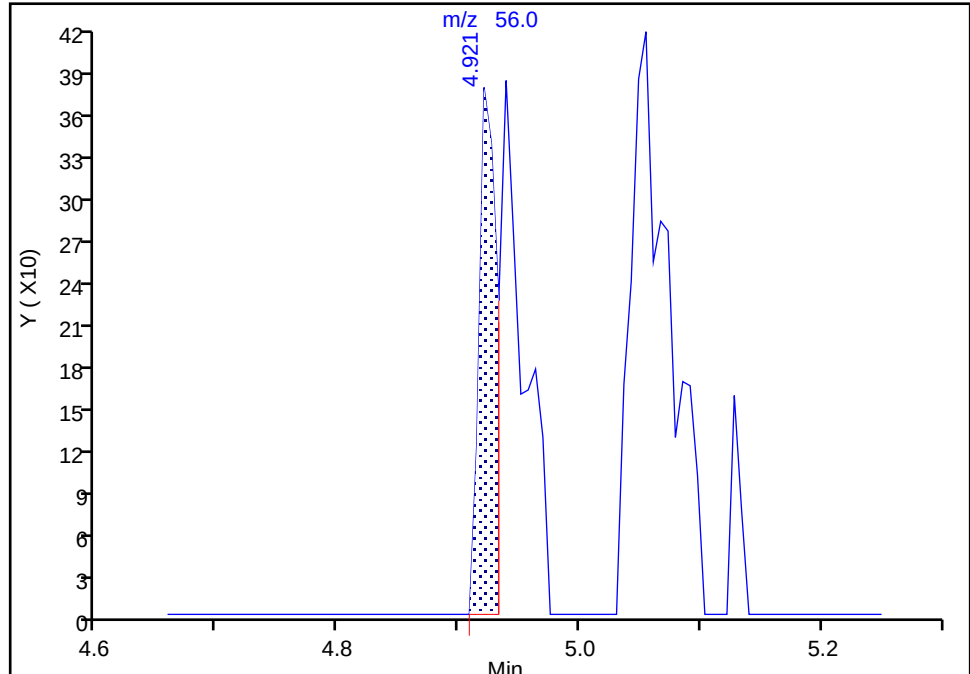
Detector MS Quad

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

Signal: 1

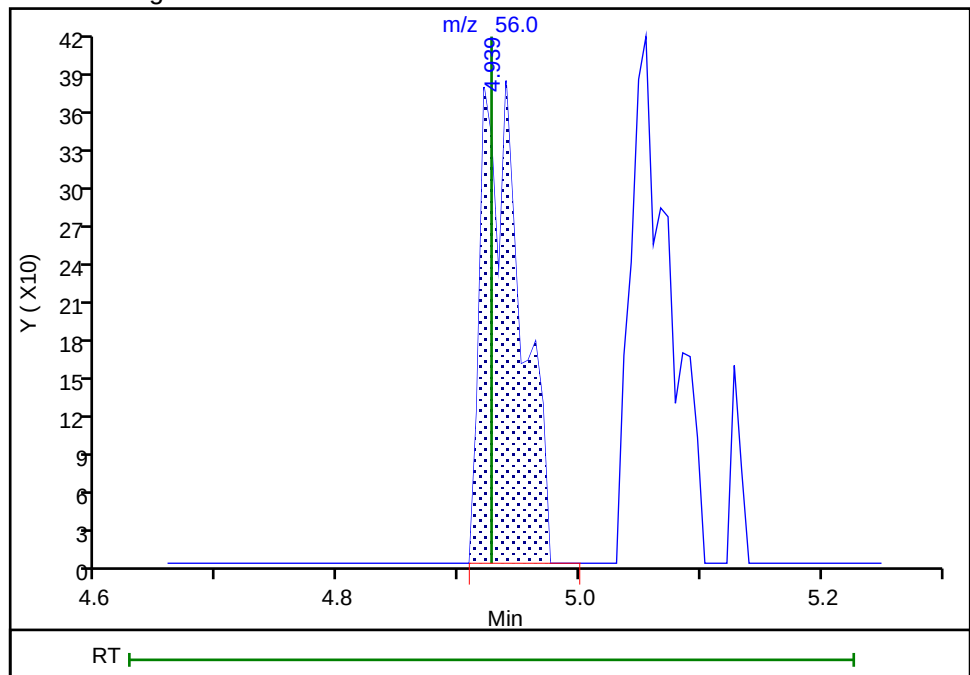
RT: 4.92
Area: 388
Amount: 5.239170
Amount Units: ug/l

Processing Integration Results



RT: 4.94
Area: 856
Amount: 11.888425
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:47:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

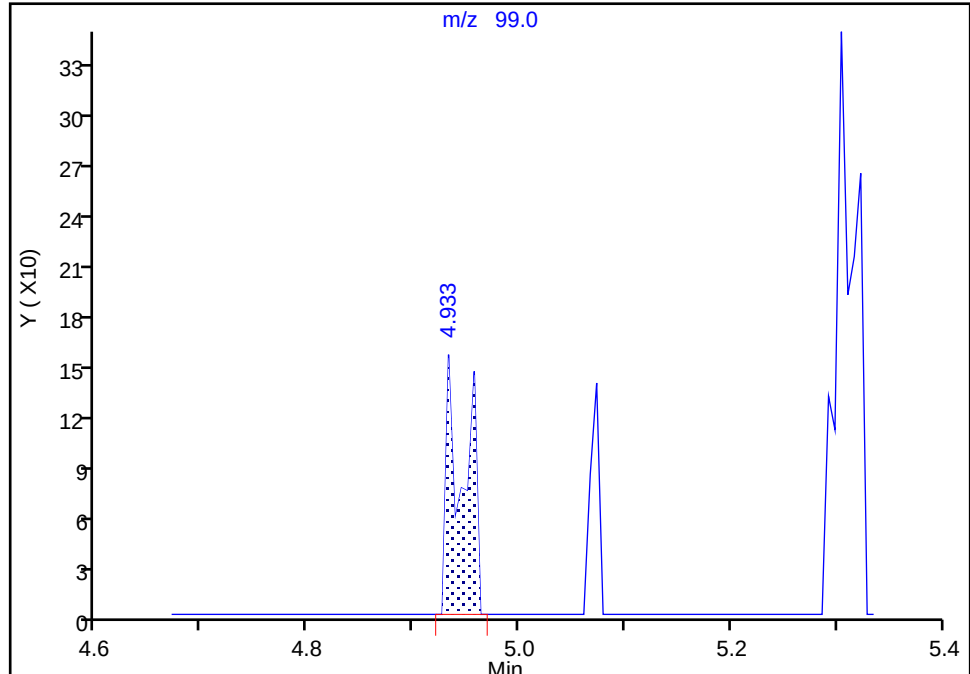
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

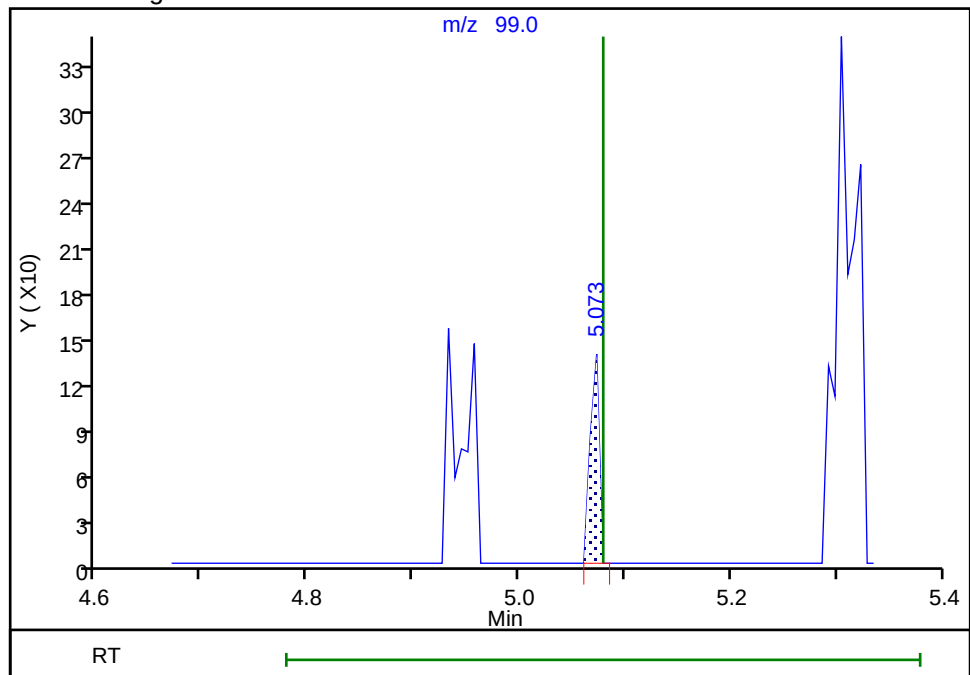
RT: 4.93
Area: 186
Amount: 0.416551
Amount Units: ug/l

Processing Integration Results



RT: 5.07
Area: 82
Amount: 0.182618
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 21:01:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

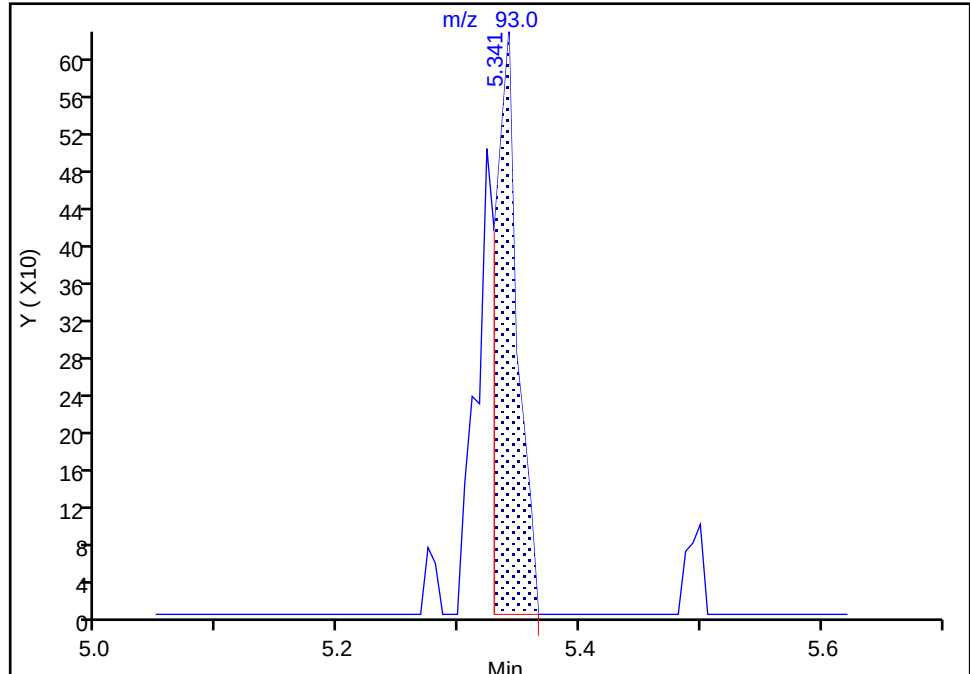
Detector MS Quad

74 Dibromomethane, CAS: 74-95-3

Signal: 1

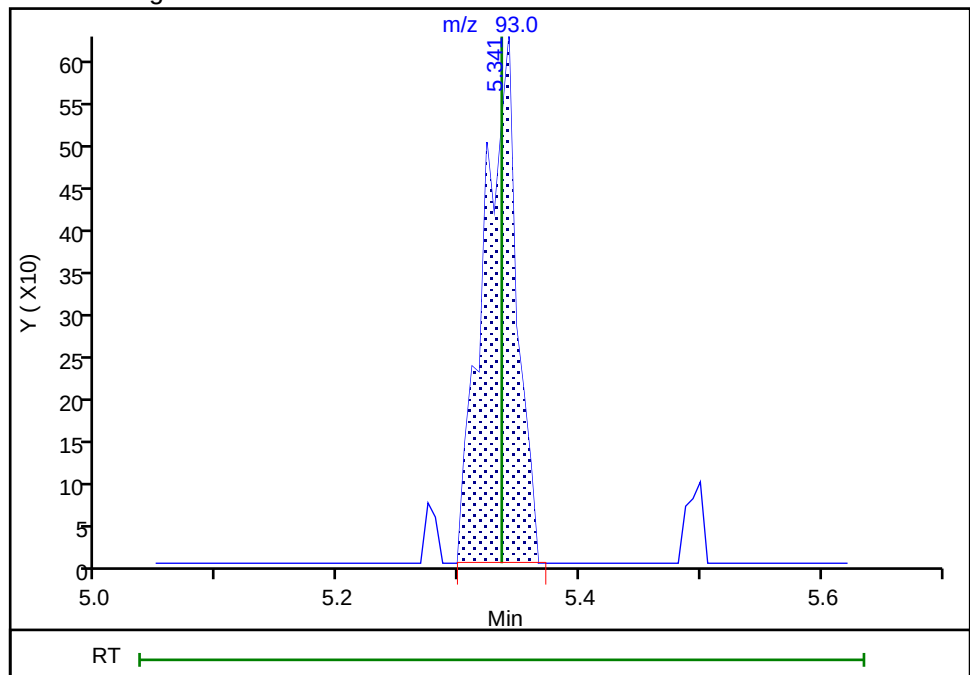
RT: 5.34
Area: 794
Amount: 0.387485
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 1194
Amount: 0.546714
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

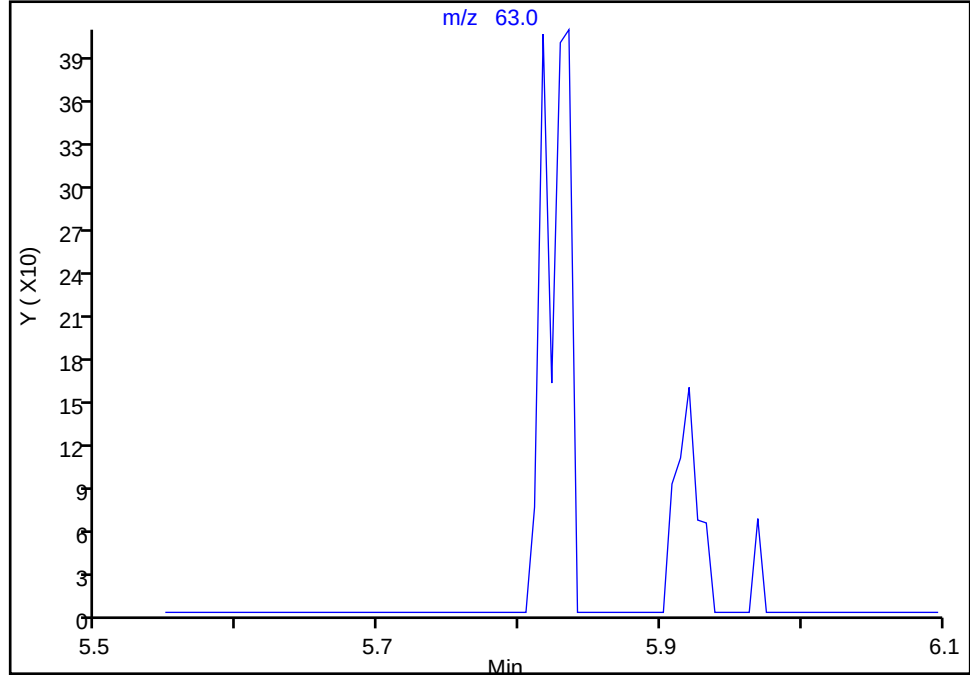
79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

Not Detected

Expected RT: 5.83

Processing Integration Results



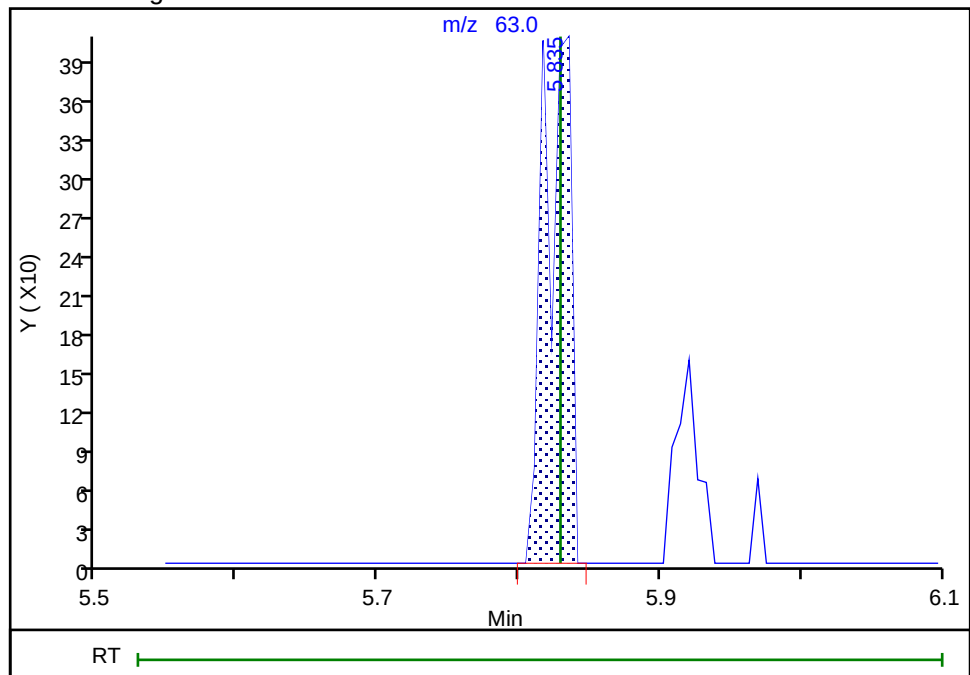
RT: 5.83

Area: 524

Amount: 0.492145

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:12

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

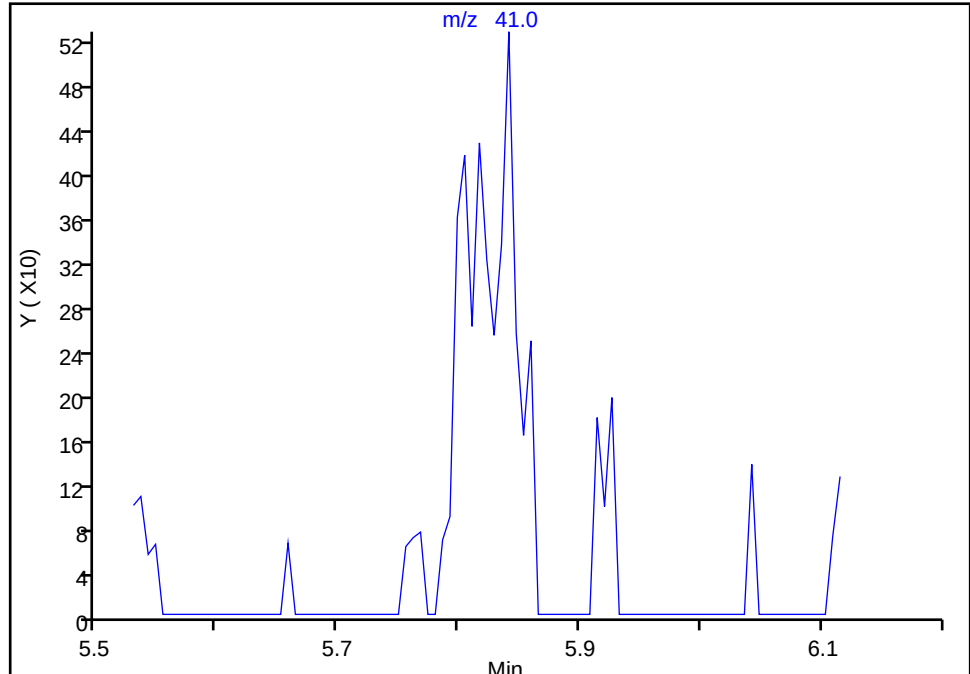
78 2-Nitropropane, CAS: 79-46-9

Signal: 1

Not Detected

Expected RT: 5.82

Processing Integration Results



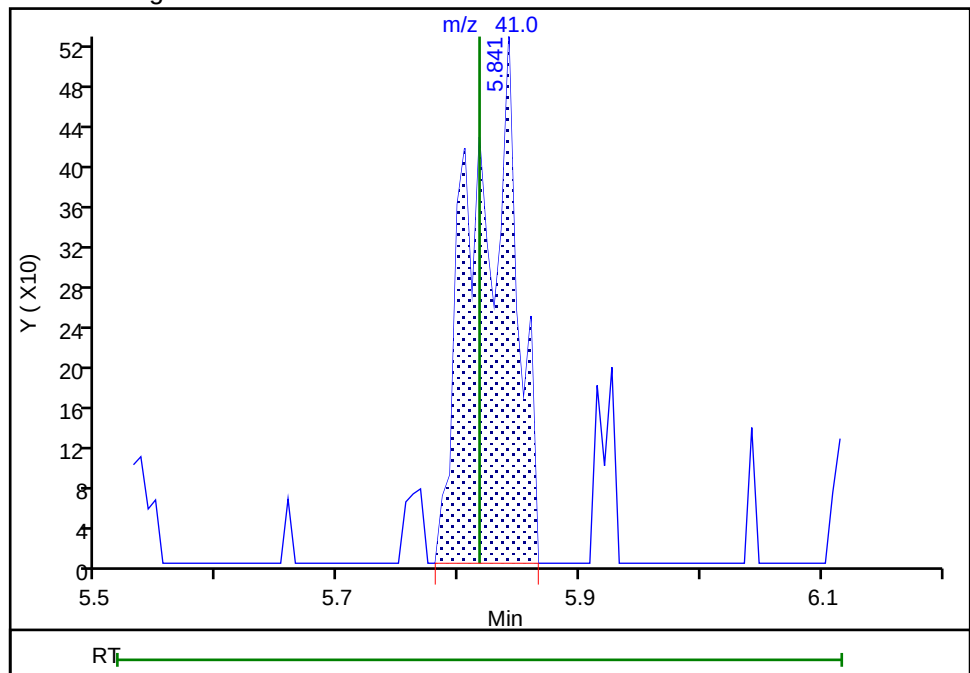
RT: 5.84

Area: 1351

Amount: 1.842870

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:08

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

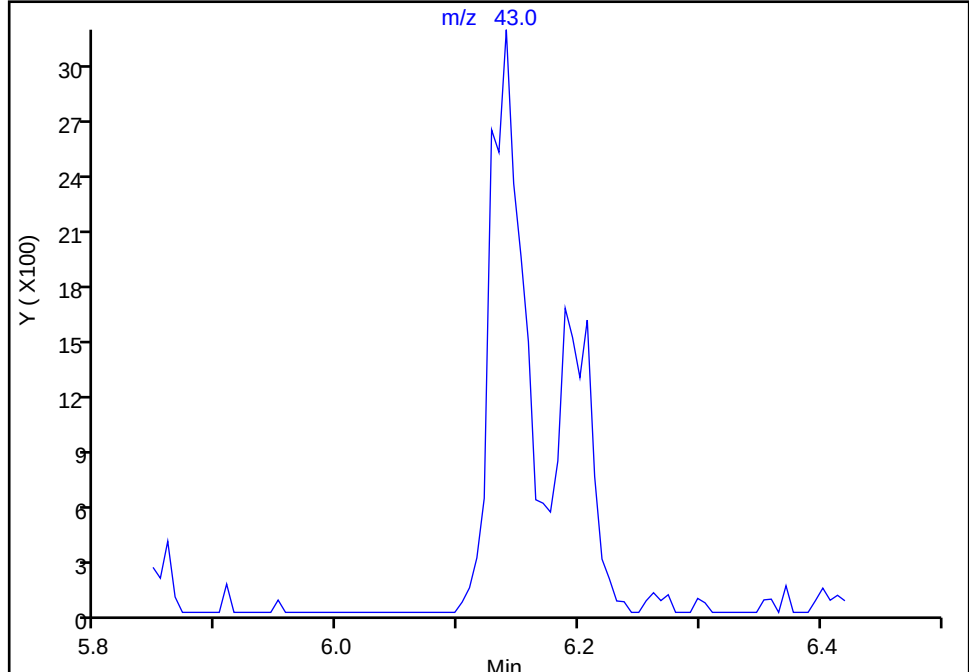
82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

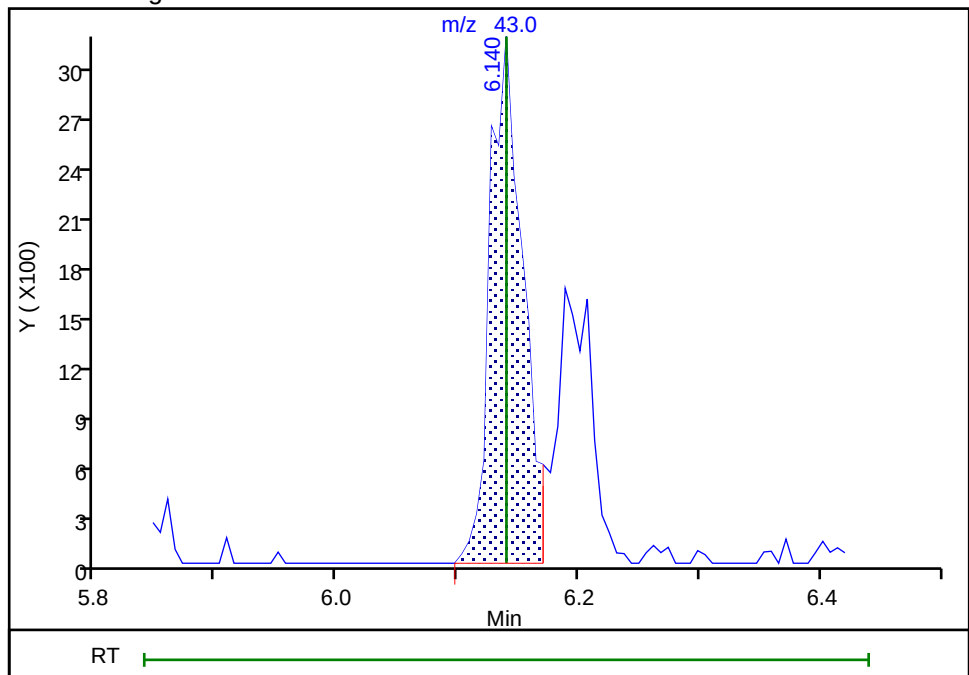
Not Detected

Expected RT: 6.14

Processing Integration Results



Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:17

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

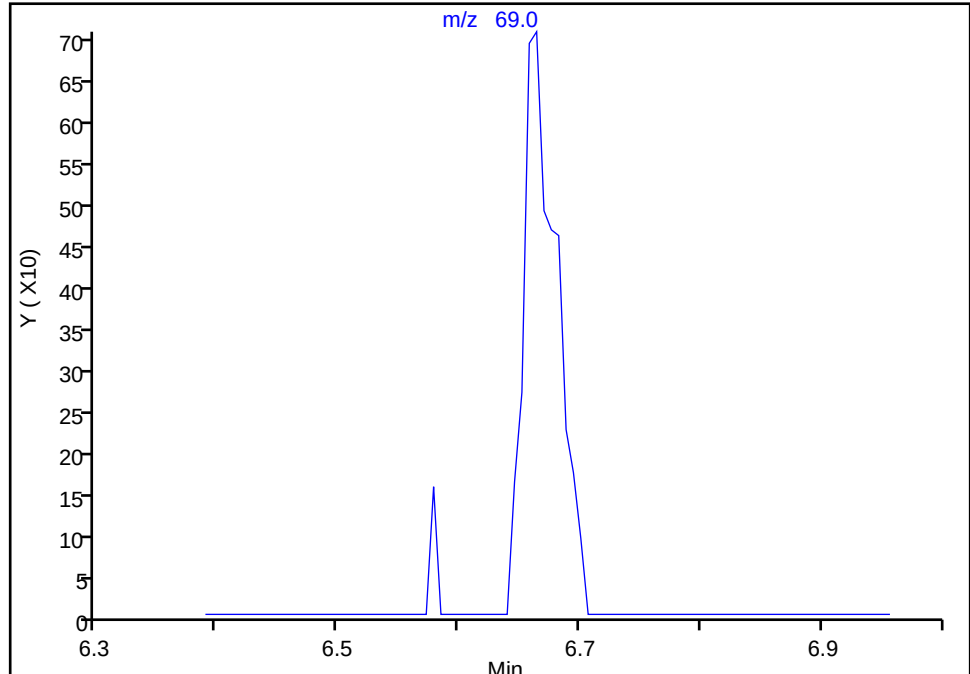
86 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

Not Detected

Expected RT: 6.67

Processing Integration Results



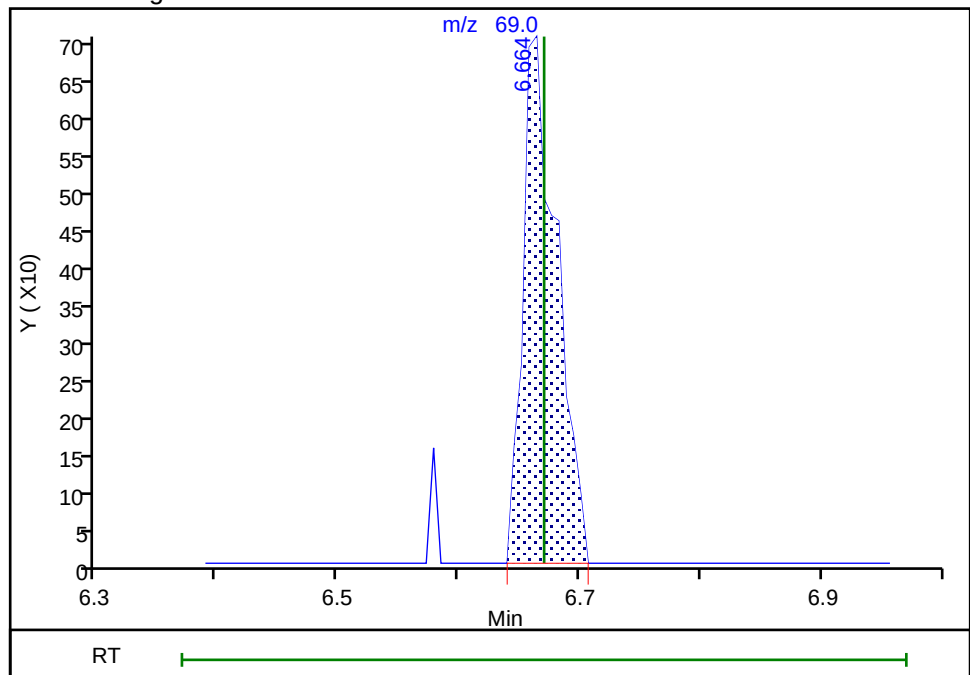
RT: 6.66

Area: 1359

Amount: 0.454106

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

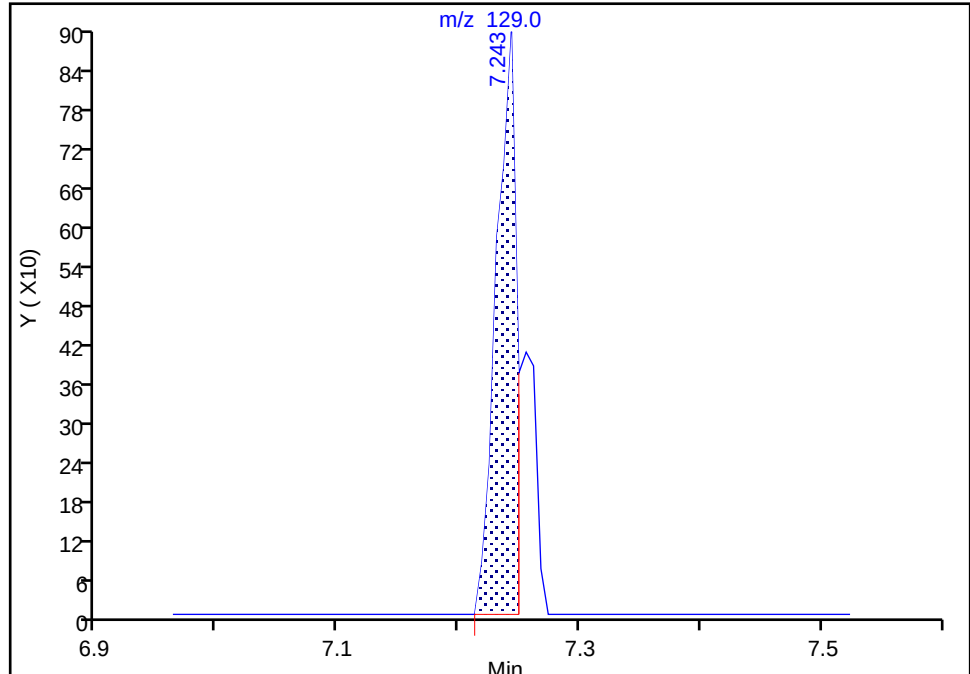
MS Quad

92 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

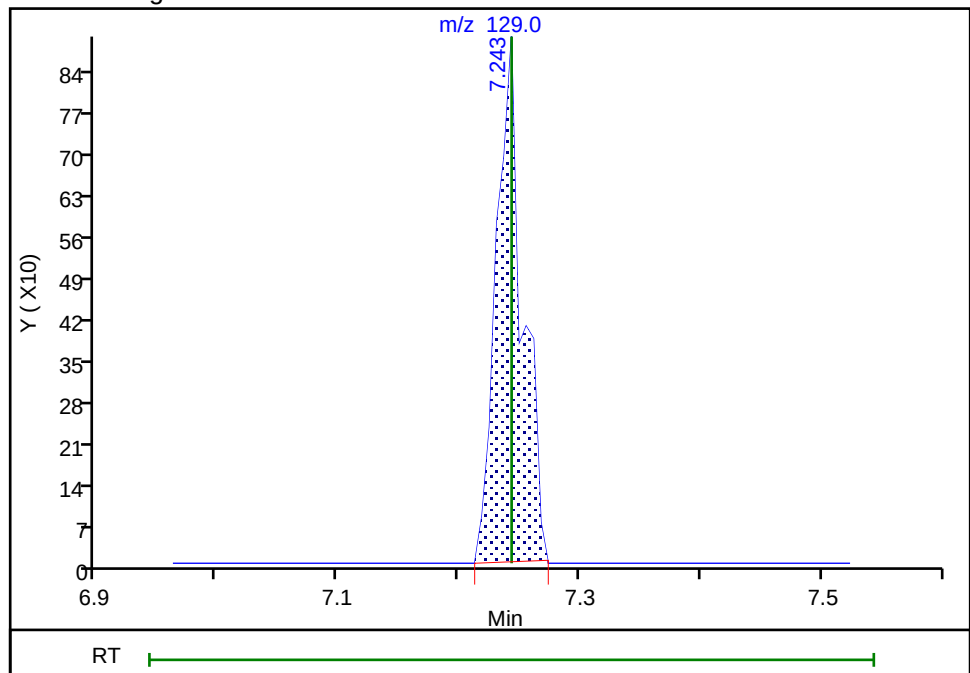
RT: 7.24
Area: 1038
Amount: 0.299944
Amount Units: ug/l

Processing Integration Results



RT: 7.24
Area: 1339
Amount: 0.420639
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

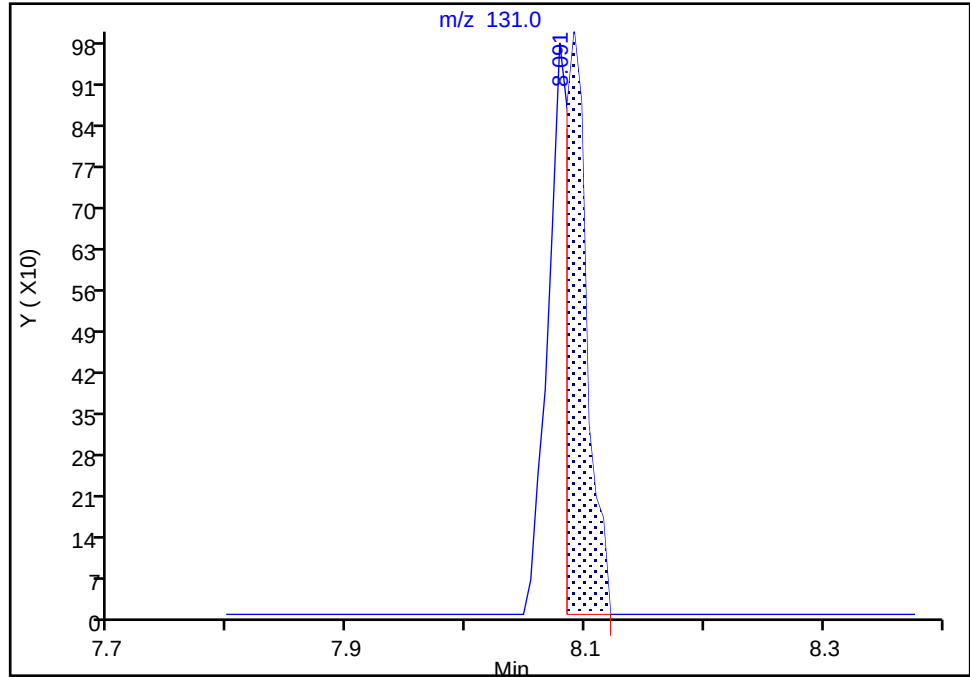
MS Quad

97 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Signal: 1

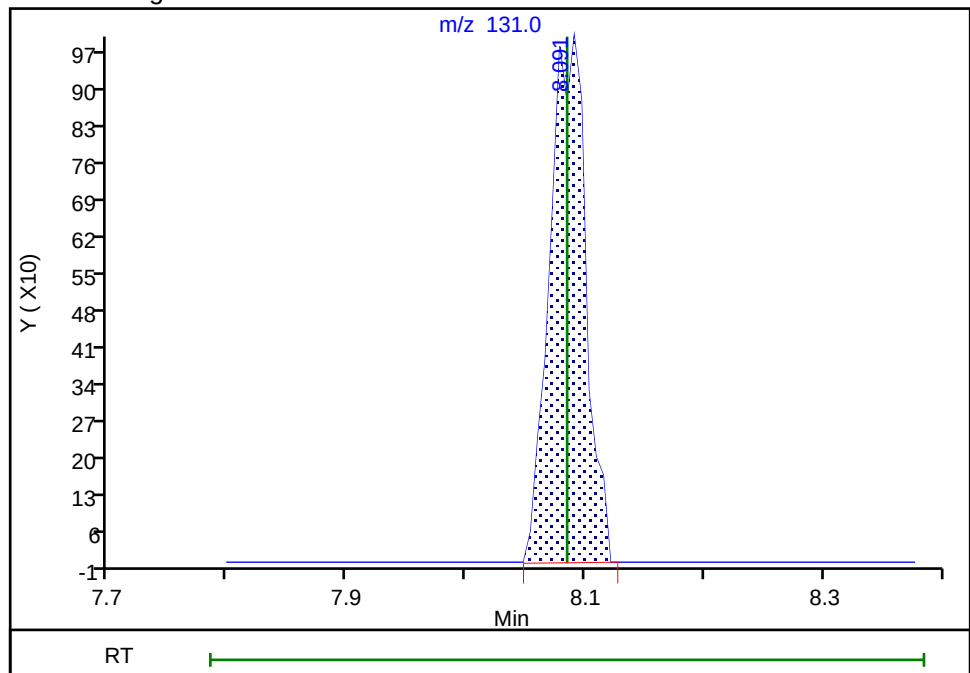
RT: 8.09
Area: 1254
Amount: 0.370469
Amount Units: ug/l

Processing Integration Results



RT: 8.09
Area: 2109
Amount: 0.587022
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:48:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

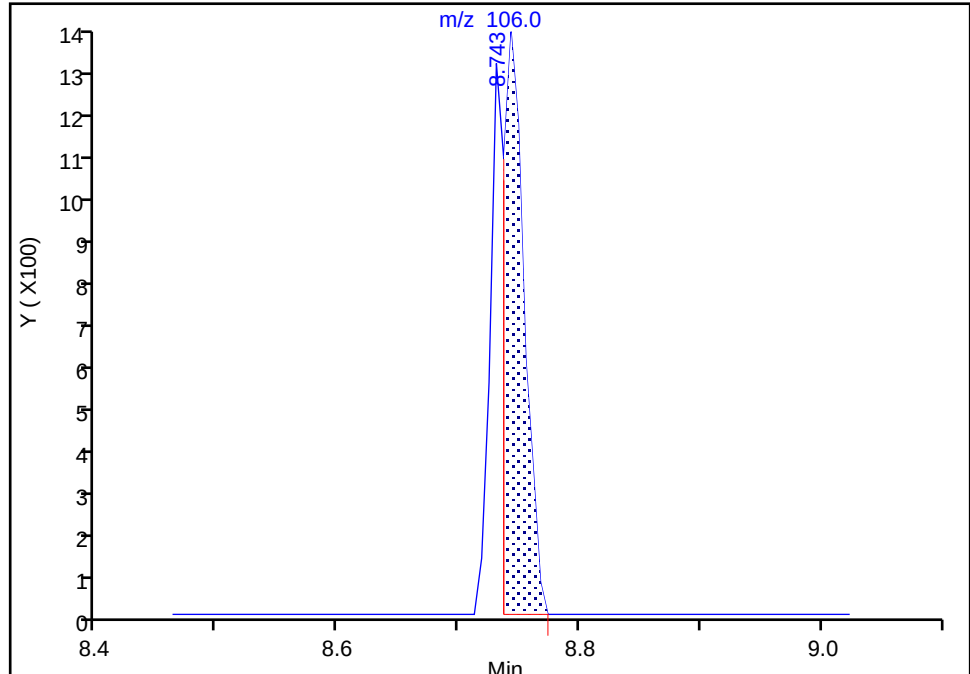
Detector MS Quad

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

Signal: 1

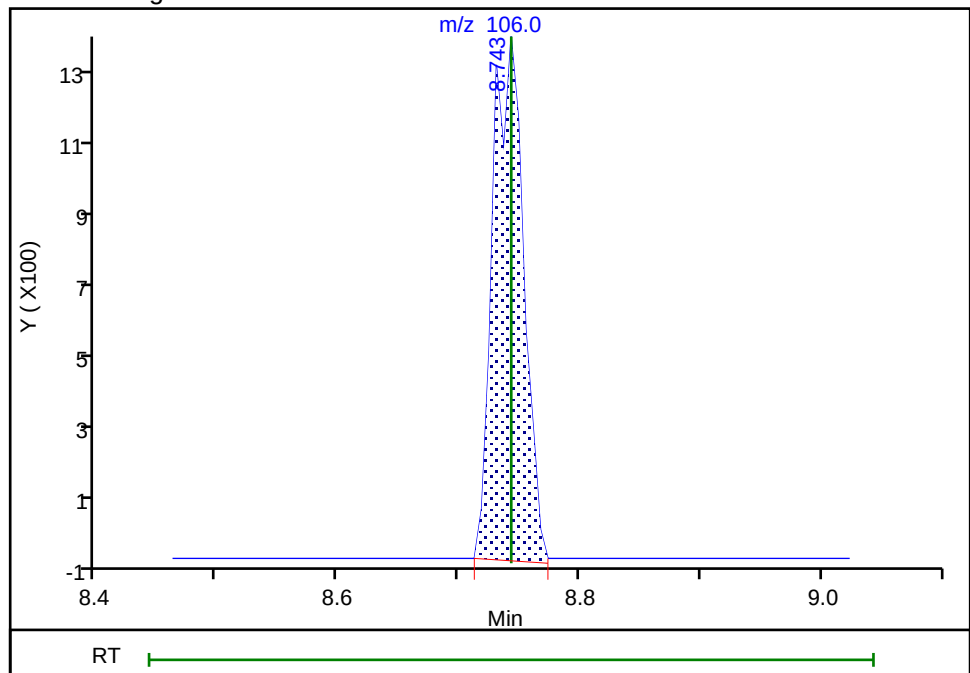
RT: 8.74
Area: 1725
Amount: 0.329337
Amount Units: ug/l

Processing Integration Results



RT: 8.74
Area: 2489
Amount: 0.460362
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:49:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130787.D

Injection Date: 03-Oct-2020 12:05:30

Instrument ID: CVOAMS17

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

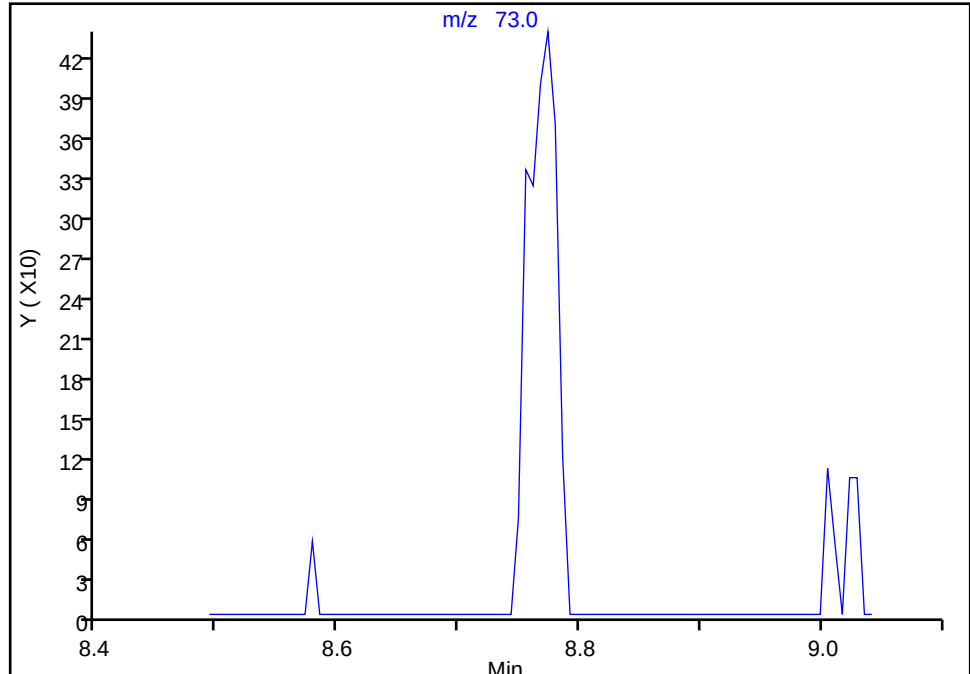
100 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

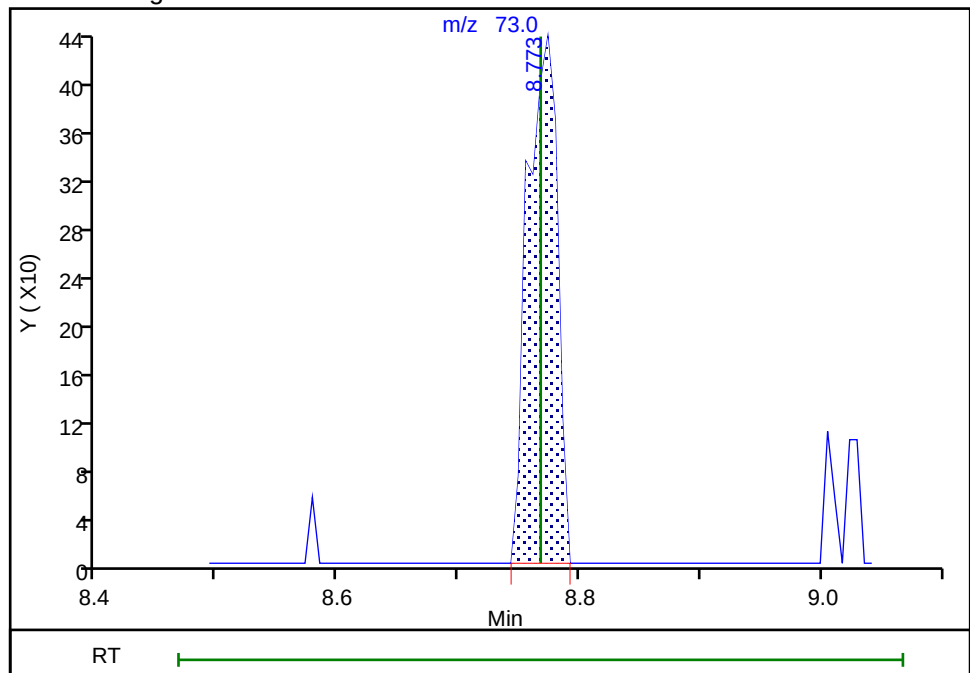
Not Detected

Expected RT: 8.77

Processing Integration Results



Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:49:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 03-Oct-2020 12:26:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0117768-005
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:43:39 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:42:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.178	1.196	-0.018	65	711	1.00	1.42	a
2 1,1-Difluoroethane	51	1.269	1.269	0.000	79	3990	1.00	1.02	
3 Chlorotrifluoroethene	116	1.245	1.269	-0.024	62	1936	1.00	1.08	M
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	48	6689	1.00	0.9735	a
5 Chlorodifluoromethane	51	1.312	1.306	0.006	97	5236	1.00	0.8901	
6 Chloromethane	50	1.434	1.434	0.000	97	4847	1.00	0.8930	
8 Butadiene	54	1.488	1.501	-0.013	90	4694	1.00	1.01	
7 Vinyl chloride	62	1.507	1.507	0.000	95	5813	1.00	1.06	
9 Bromomethane	94	1.726	1.726	0.000	92	4233	1.00	1.03	
10 Chloroethane	64	1.763	1.787	-0.024	81	3924	1.00	1.27	a
11 Dichlorofluoromethane	67	1.927	1.933	-0.006	96	7600	1.00	0.9257	
12 Trichlorofluoromethane	101	1.927	1.940	-0.013	78	7281	1.00	0.9738	
13 Pentane	72	1.946	1.952	-0.006	94	1256	2.00	2.26	
14 Ethanol	46	2.092	2.092	0.000	70	320	40.0	26.0	
15 Ethyl ether	74	2.104	2.104	0.000	95	1867	1.00	1.02	
16 2-Methyl-1,3-butadiene	53	2.110	2.122	-0.012	97	2761	1.00	0.9461	M
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.153	2.159	-0.006	69	3912	1.00	1.08	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.208	-0.006	93	5360	1.00	1.05	M
19 Acrolein	56	2.250	2.257	-0.007	83	1173	4.00	3.60	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.269	0.000	49	3861	1.00	1.02	a
21 1,1-Dichloroethene	96	2.287	2.287	0.000	95	3818	1.00	1.07	
22 Acetone	43	2.360	2.354	0.006	85	5606	5.00	5.50	
23 Iodomethane	142	2.415	2.415	0.000	99	7408	1.00	0.9896	
25 Isopropyl alcohol	45	2.433	2.433	0.000	36	1888	10.0	10.6	
24 Carbon disulfide	76	2.433	2.446	-0.013	100	14922	1.00	1.09	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	79	2146	1.00	1.07	
27 Methyl acetate	43	2.568	2.561	0.007	73	4719	2.00	2.20	
28 Cyclopentene	67	2.561	2.567	-0.006	90	7513	1.00	0.9683	
29 Acetonitrile	40	2.598	2.616	-0.018	48	1505	10.0	7.93	a
* 31 TBA-d9 (IS)	66	2.659	2.665	-0.006	99	48215	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	2.659	2.665	-0.006	31	4363	1.00	1.00	
32 2-Methyl-2-propanol	59	2.720	2.720	0.000	12	3746	10.0	10.4	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	86	10391	1.00	1.09	
34 trans-1,2-Dichloroethene	96	2.824	2.824	0.000	93	4071	1.00	1.10	
35 Acrylonitrile	53	2.885	2.891	-0.007	99	11367	10.0	10.2	
36 Hexane	57	2.952	2.958	-0.006	91	3461	1.00	0.9647	
37 Isopropyl ether	45	3.147	3.153	-0.006	90	8611	1.00	0.9354	
38 1,1-Dichloroethane	63	3.171	3.177	-0.006	97	5950	1.00	0.9845	
39 Vinyl acetate	86	3.183	3.189	-0.006	99	914	2.00	1.91	
40 2-Chloro-1,3-butadiene	88	3.214	3.208	0.006	90	2698	1.00	0.9353	
41 Tert-butyl ethyl ether	59	3.427	3.439	-0.012	91	8772	1.00	0.9643	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	98	290344	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	48	1309	1.00	1.12	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	96	3983	1.00	1.02	
45 2-Butanone (MEK)	72	3.647	3.659	-0.012	97	2262	5.00	6.09	M
46 Ethyl acetate	70	3.677	3.671	0.006	92	515	2.00	1.74	
47 Methyl acrylate	55	3.708	3.707	0.001	97	2239	1.00	0.8986	
48 Propionitrile	54	3.787	3.781	0.006	97	4431	10.0	10.6	
49 Chlorobromomethane	128	3.829	3.842	-0.013	70	2012	1.00	0.9596	
50 Tetrahydrofuran	72	3.860	3.848	0.012	33	1013	2.00	2.59	M
51 Methacrylonitrile	67	3.872	3.872	0.000	90	12722	10.0	10.4	
52 Chloroform	83	3.890	3.896	-0.006	98	7264	1.00	1.14	
53 Cyclohexane	84	4.000	4.006	-0.006	87	5189	1.00	1.04	M
54 1,1,1-Trichloroethane	97	4.025	4.024	0.001	97	6694	1.00	1.02	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	206207	50.0	51.5	
56 Carbon tetrachloride	117	4.128	4.128	0.000	94	6298	1.00	1.11	
57 1,1-Dichloropropene	75	4.153	4.159	-0.006	90	4225	1.00	0.9584	
58 Isobutyl alcohol	43	4.293	4.299	-0.006	38	4369	25.0	24.0	M
59 Isooctane	57	4.317	4.323	-0.006	97	9990	1.00	0.9527	
60 Benzene	78	4.342	4.341	0.001	96	12453	1.00	1.05	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	244734	50.0	51.1	
62 Tert-amyl methyl ether	73	4.421	4.415	0.006	77	10377	1.00	0.9639	
63 Isopropyl acetate	61	4.421	4.421	0.000	89	1709	1.00	1.14	M
64 1,2-Dichloroethane	62	4.427	4.433	-0.006	97	5353	1.00	1.04	
65 n-Heptane	100	4.494	4.500	-0.006	70	754	1.00	0.9274	
* 66 Fluorobenzene	96	4.610	4.616	-0.006	99	643456	50.0	50.0	
67 n-Butanol	56	4.939	4.927	0.012	27	1583	25.0	22.8	M
68 Trichloroethene	95	4.939	4.945	-0.006	96	3796	1.00	1.06	
69 Methylcyclohexane	83	5.061	5.055	0.006	93	5618	1.00	0.99	
70 Ethyl acrylate	99	5.085	5.079	0.006	85	475	1.00	1.03	a
71 1,2-Dichloropropane	63	5.213	5.219	-0.006	75	2820	1.00	1.00	
* 72 1,4-Dioxane-d8	96	5.280	5.274	0.006	87	29158	1000.0	1000.0	
73 Methyl methacrylate	100	5.317	5.311	0.006	85	1219	2.00	1.52	
74 Dibromomethane	93	5.335	5.335	0.000	87	2212	1.00	0.9893	
75 1,4-Dioxane	88	5.329	5.335	-0.006	47	1301	50.0	38.3	
76 n-Propyl acetate	43	5.372	5.366	0.006	97	3519	1.00	0.9881	
77 Dichlorobromomethane	83	5.488	5.488	0.000	96	4433	1.00	0.9309	
78 2-Nitropropane	41	5.811	5.817	-0.006	85	2234	2.00	2.98	
79 2-Chloroethyl vinyl ether	63	5.817	5.829	-0.012	79	1465	1.00	1.05	
80 Epichlorohydrin	57	5.921	5.920	0.000	97	5802	20.0	20.7	
81 cis-1,3-Dichloropropene	75	5.963	5.969	-0.006	94	4733	1.00	1.00	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	11515	5.00	4.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	100	621000	50.0	51.8	
84 Toluene	91	6.268	6.274	-0.006	93	12636	1.00	1.05	
85 trans-1,3-Dichloropropene	75	6.622	6.622	0.000	92	4556	1.00	0.99	
86 Ethyl methacrylate	69	6.664	6.670	-0.006	87	2772	1.00	0.9182	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	92	2359	1.00	1.11	
88 Tetrachloroethene	166	6.859	6.853	0.006	92	3899	1.00	1.05	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	93	4541	1.00	1.09	
90 2-Hexanone	43	7.115	7.109	0.006	92	7199	5.00	4.68	
91 n-Butyl acetate	43	7.231	7.231	0.000	81	2907	1.00	0.8664	
92 Chlorodibromomethane	129	7.243	7.243	0.000	96	3351	1.00	1.04	
93 Ethylene Dibromide	107	7.384	7.384	0.000	98	2667	1.00	0.9892	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	86	440370	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	94	9042	1.00	1.08	
96 Ethylbenzene	106	8.066	8.072	-0.006	99	4096	1.00	0.9707	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	48	3440	1.00	0.9492	
98 m-Xylene & p-Xylene	106	8.225	8.231	-0.006	97	4893	1.00	0.9650	
99 o-Xylene	106	8.743	8.743	0.000	95	5561	1.00	1.02	
100 n-Butyl acrylate	73	8.768	8.767	0.001	84	1845	1.00	0.99	
101 Styrene	104	8.780	8.780	0.000	96	7661	1.00	0.9697	
102 Bromoform	173	9.030	9.036	-0.006	91	2389	1.00	1.02	
103 Amyl acetate (mixed isomers)	43	9.078	9.072	0.006	91	3678	1.00	0.8692	
104 Isopropylbenzene	105	9.213	9.213	0.001	97	14006	1.00	0.9590	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	217686	50.0	50.7	
106 Bromobenzene	156	9.591	9.597	-0.006	91	4132	1.00	0.9867	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	93	3673	1.00	1.01	
108 N-Propylbenzene	91	9.706	9.706	0.000	100	16866	1.00	0.9777	
109 1,2,3-Trichloropropane	110	9.725	9.731	-0.006	95	1187	1.00	1.04	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	34	490	1.00	0.9349	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	12037	1.00	1.01	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	13515	1.00	0.9441	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	91	11549	1.00	0.8937	
114 4-Chlorotoluene	91	9.950	9.944	0.006	98	12222	1.00	1.03	
115 Butyl Methacrylate	87	10.066	10.066	0.000	89	2031	1.00	0.5487	
116 tert-Butylbenzene	119	10.243	10.243	0.000	93	10111	1.00	0.8768	
117 1,2,4-Trimethylbenzene	105	10.316	10.310	0.006	96	11419	1.00	0.8618	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	15364	1.00	0.8894	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	95	8607	1.00	1.06	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	96	13289	1.00	0.8942	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	272231	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	95	8788	1.00	1.08	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	13230	1.00	0.9423	
124 Benzyl chloride	91	10.846	10.846	0.000	98	5620	1.00	0.9150	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	91	13496	1.00	0.99	
126 p-Diethylbenzene	119	10.987	10.987	0.000	91	7100	1.00	0.8857	
127 n-Butylbenzene	92	11.005	11.005	0.000	96	6719	1.00	0.8848	
128 1,2-Dichlorobenzene	146	11.041	11.035	0.006	93	7898	1.00	0.99	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	13712	1.00	0.8498	
130 1,2-Dibromo-3-Chloropropane	157	11.743	11.742	0.001	87	884	1.00	0.8399	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	7843	1.00	0.9772	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	92	7964	1.00	0.9802	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	95	4177	1.00	1.02	
134 Naphthalene	128	12.559	12.559	0.000	99	14077	1.00	0.9101	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	93	7042	1.00	0.9617	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.12	
S 137 Xylenes, Total	100				0		2.00	1.98	
S 138 Total 1,2-dichloroethene	1				0			2.12	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.99	
S 140 Total BTEX	1				0		5.00	5.06	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 10.00	Units: uL	
14DIOXINTER_00119	Amount Added: 30.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 10.00	Units: uL	
524freon_00028	Amount Added: 10.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

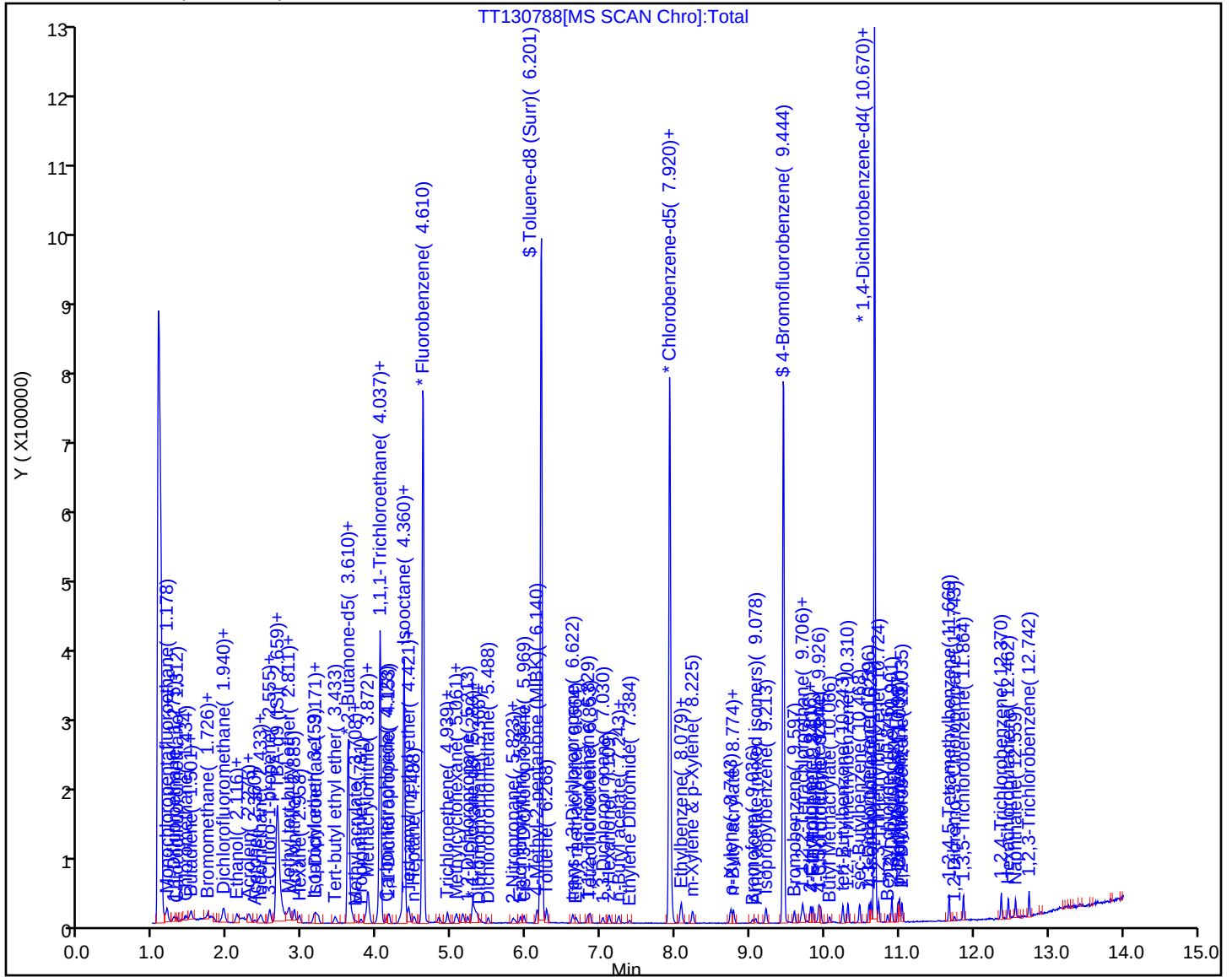
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

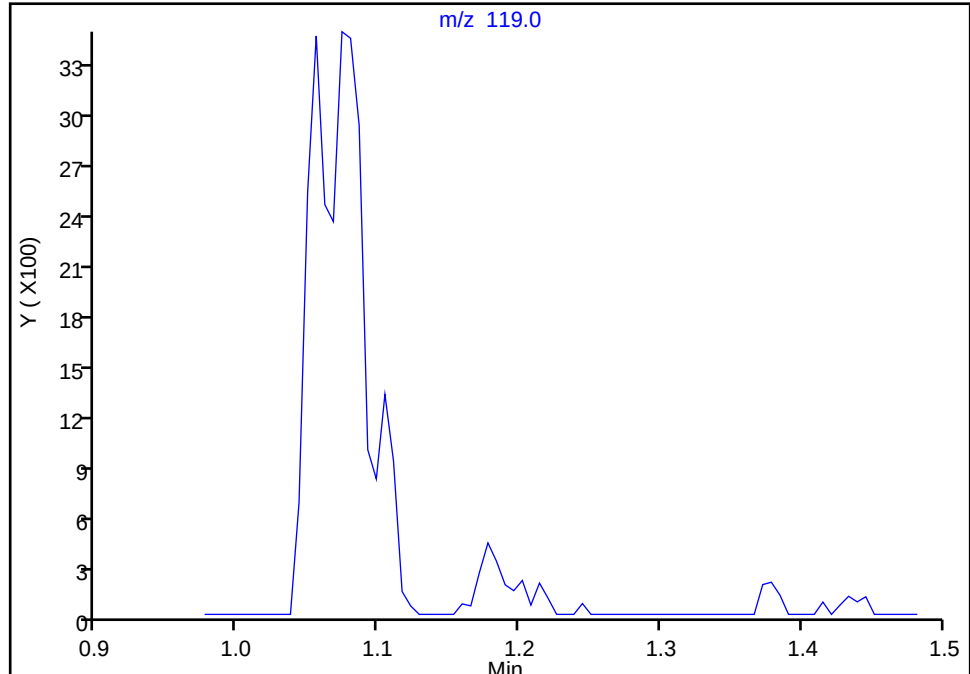
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

Not Detected

Expected RT: 1.20

Processing Integration Results



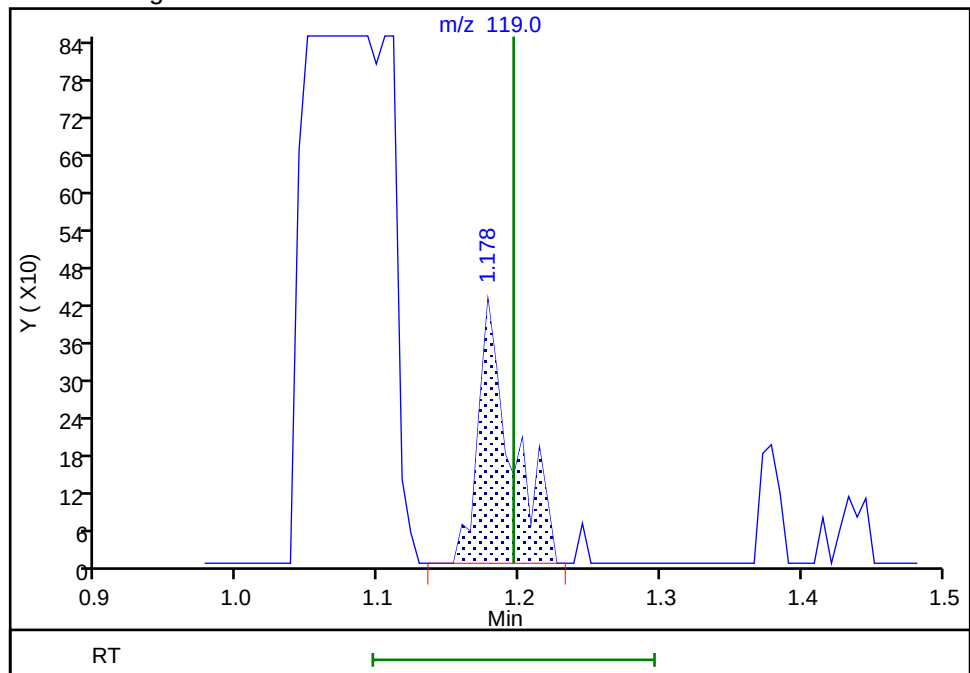
RT: 1.18

Area: 711

Amount: 1.420890

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:39:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

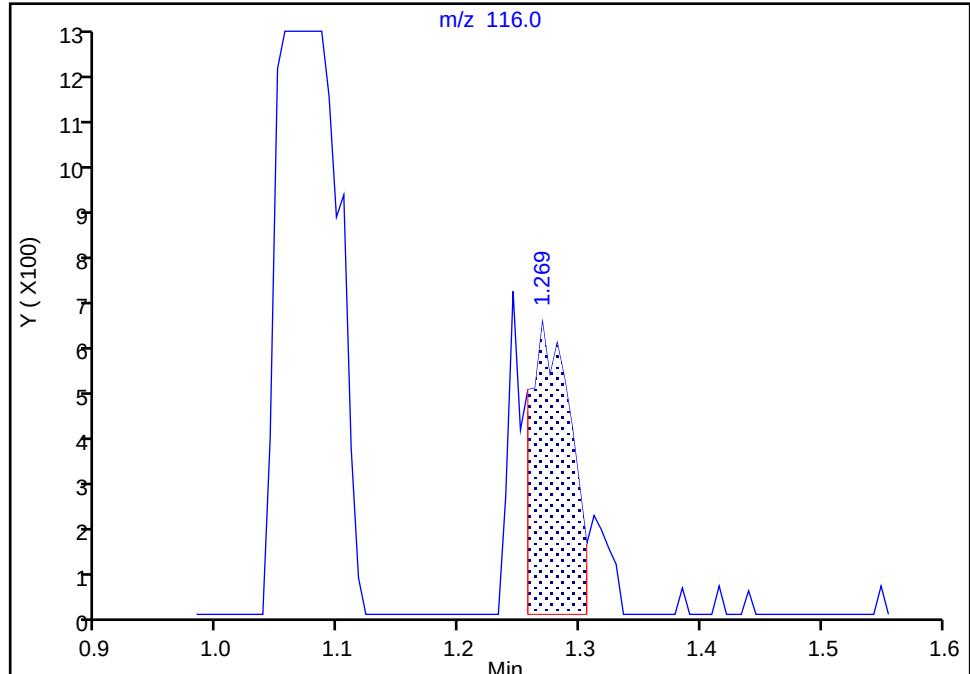
Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

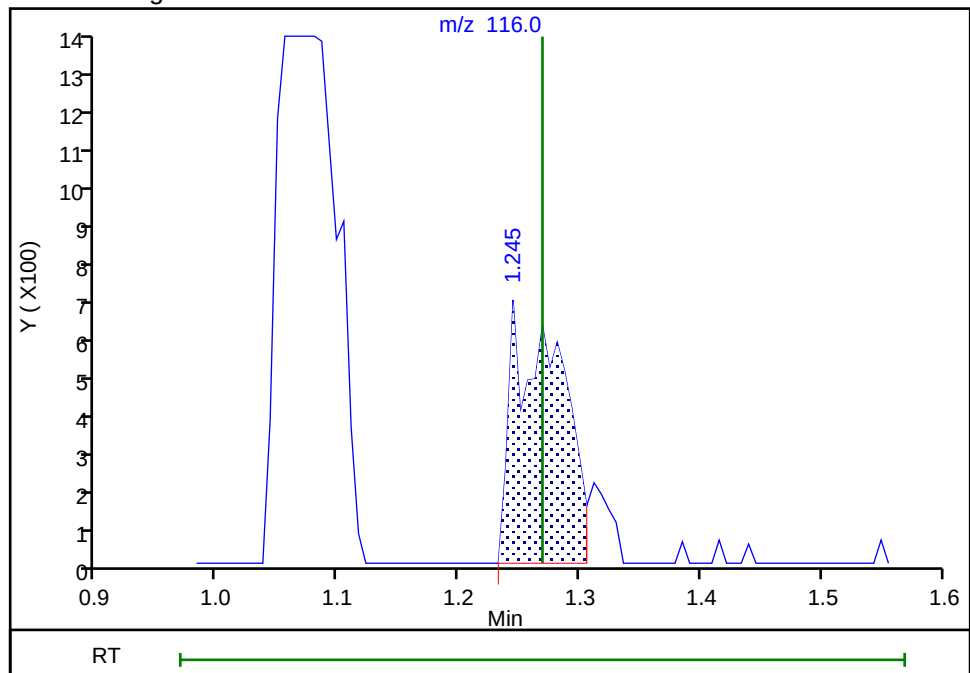
RT: 1.27
Area: 1451
Amount: 0.840353
Amount Units: ug/l

Processing Integration Results



RT: 1.24
Area: 1936
Amount: 1.077987
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:34:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

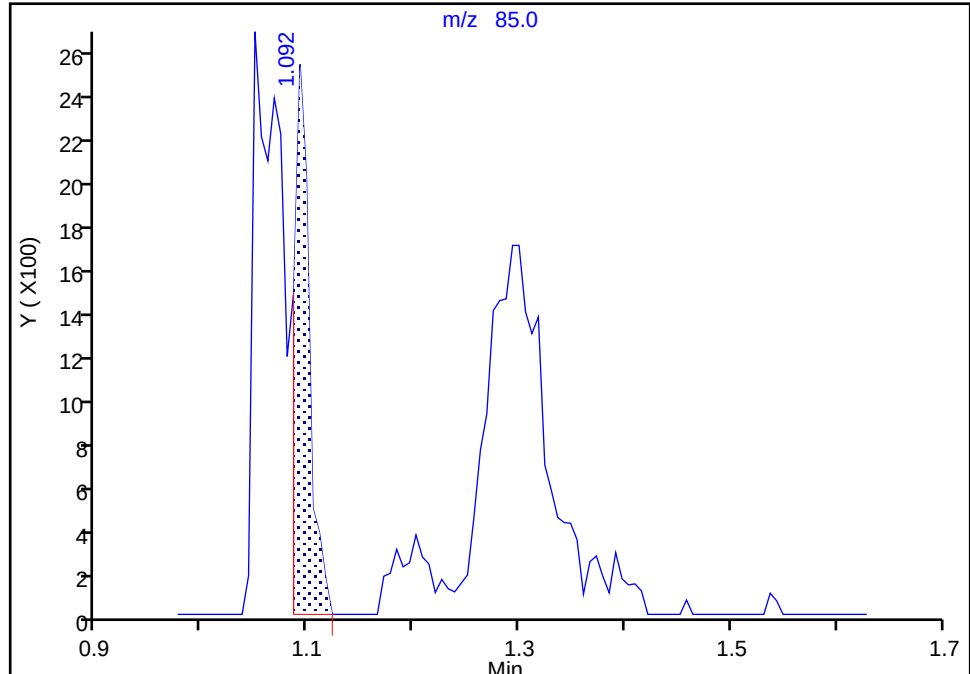
Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

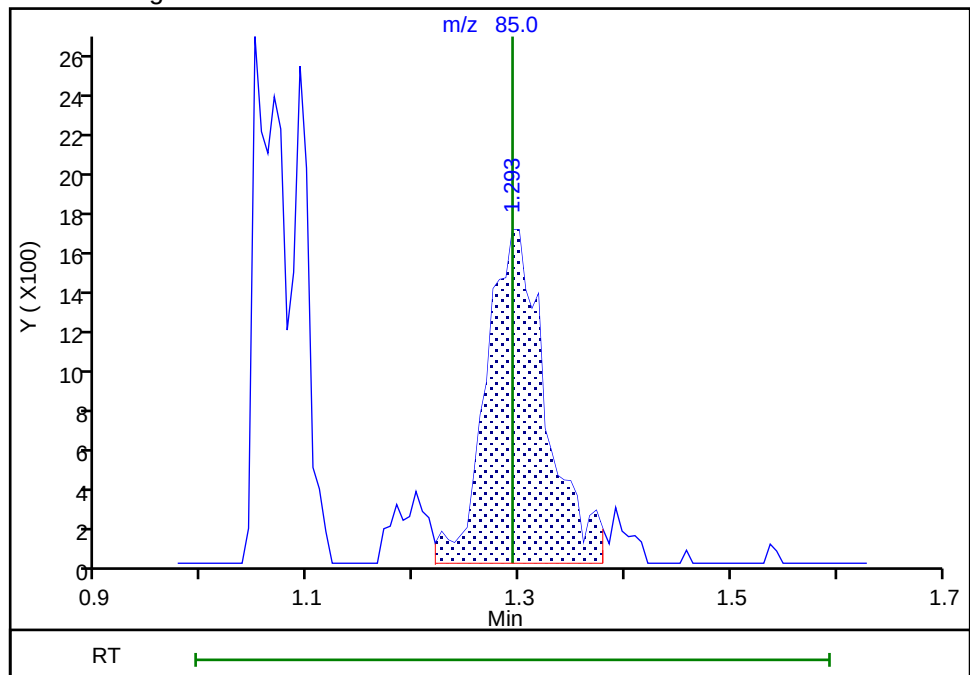
RT: 1.09
Area: 2570
Amount: 0.349688
Amount Units: ug/l

Processing Integration Results



RT: 1.29
Area: 6689
Amount: 0.973521
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:39:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

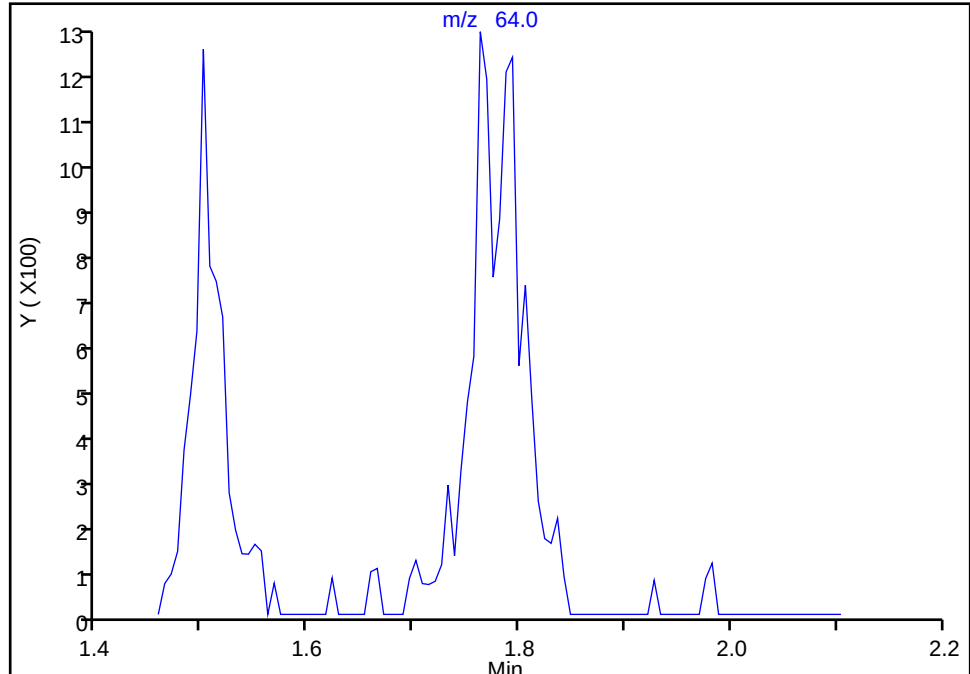
10 Chloroethane, CAS: 75-00-3

Signal: 1

Not Detected

Expected RT: 1.79

Processing Integration Results



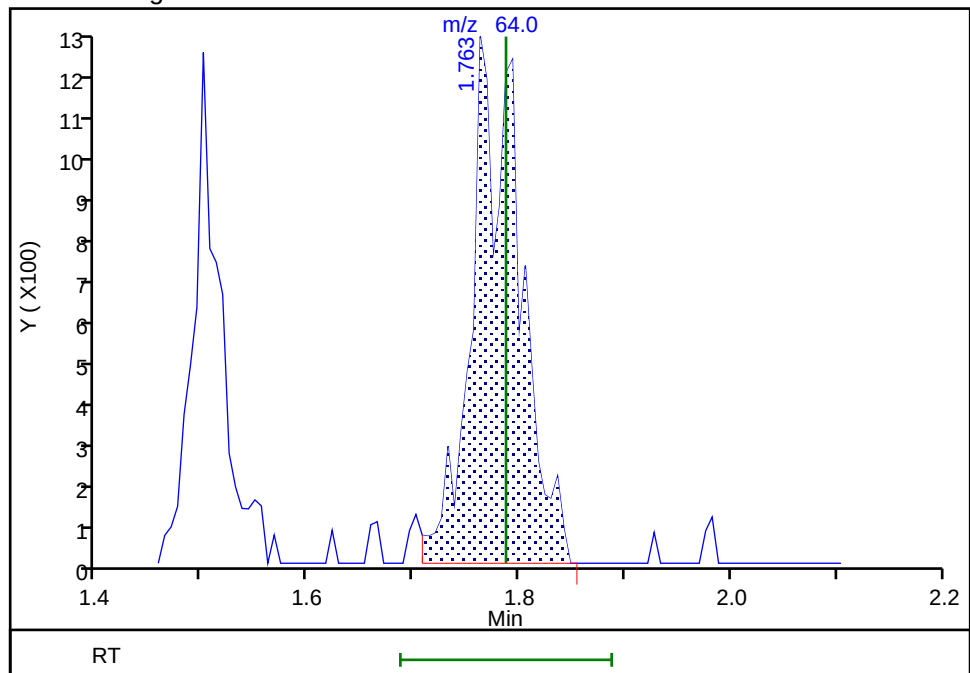
RT: 1.76

Area: 3924

Amount: 1.272478

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:39:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

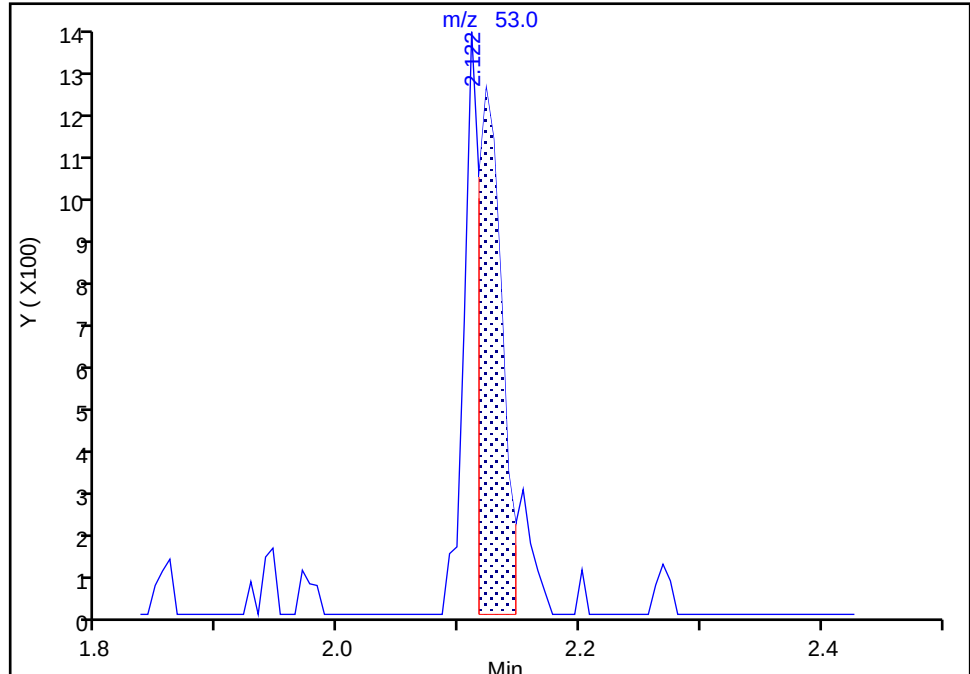
MS Quad

16 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

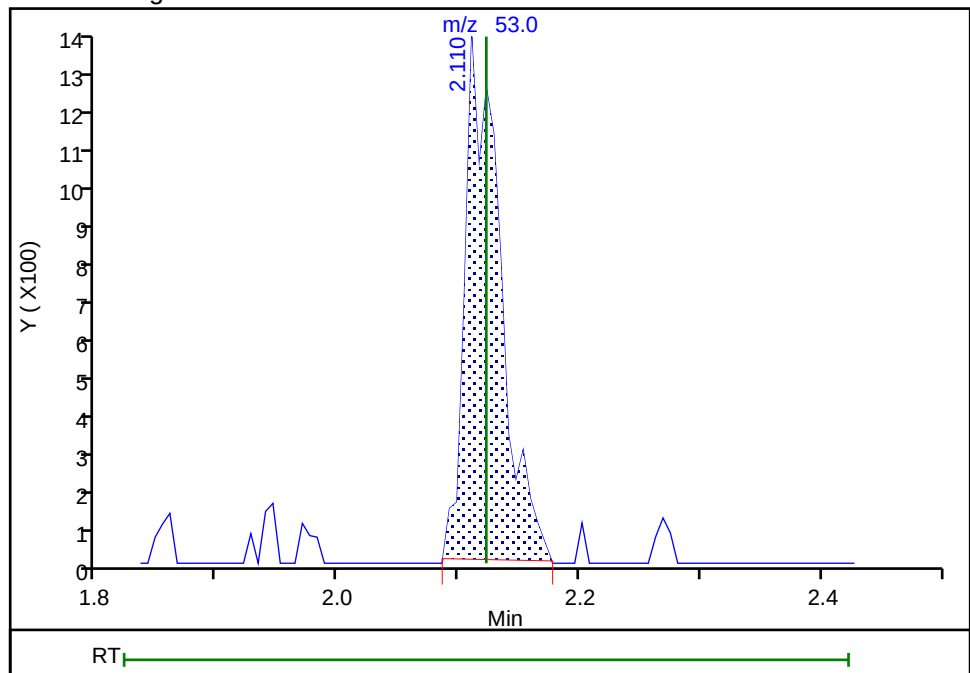
RT: 2.12
Area: 1724
Amount: 0.591602
Amount Units: ug/l

Processing Integration Results



RT: 2.11
Area: 2761
Amount: 0.946130
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:39:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

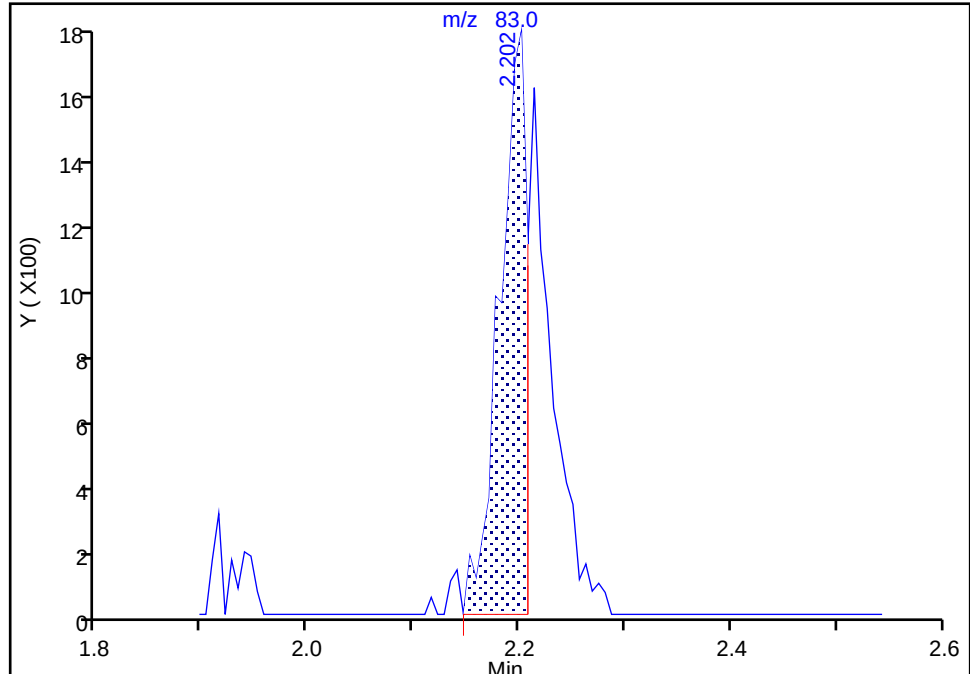
MS Quad

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

Signal: 1

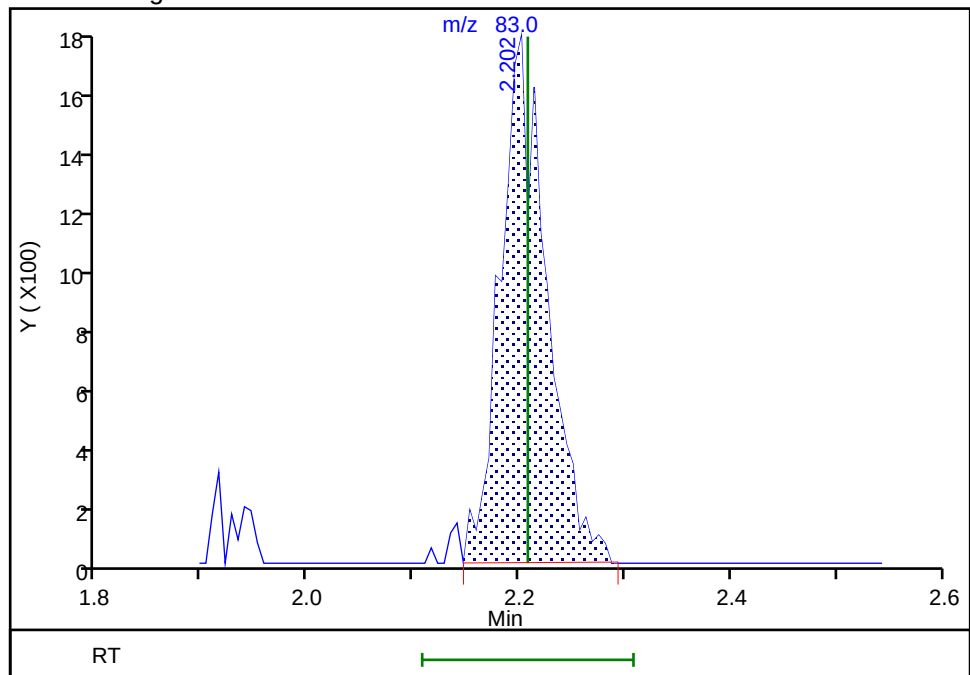
RT: 2.20
Area: 3173
Amount: 0.669225
Amount Units: ug/l

Processing Integration Results



RT: 2.20
Area: 5360
Amount: 1.054558
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:40:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

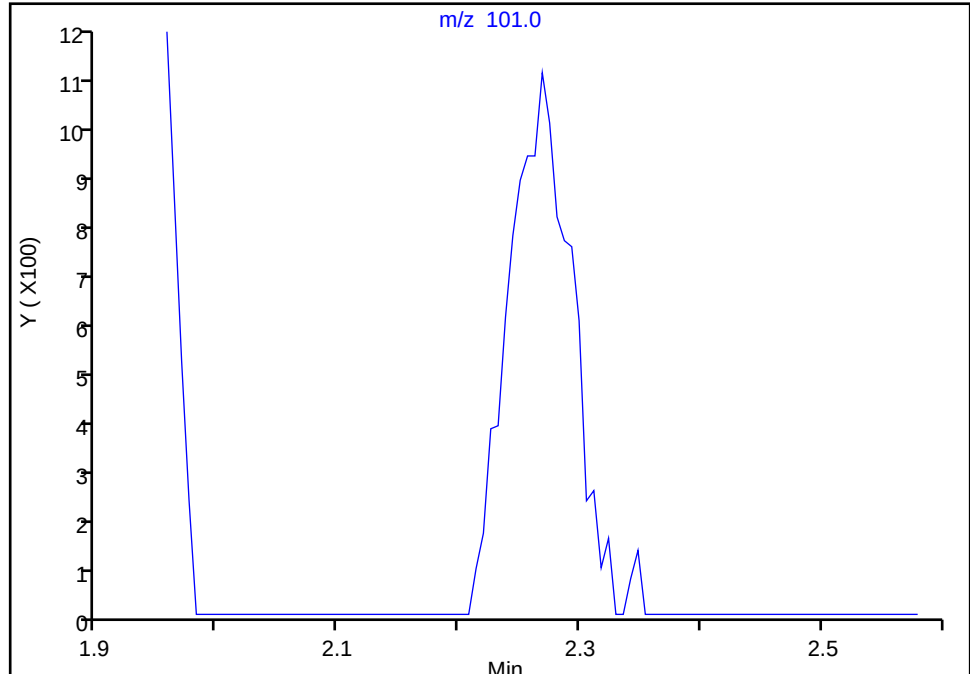
[20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1](#)

Signal: 1

Not Detected

Expected RT: 2.27

Processing Integration Results



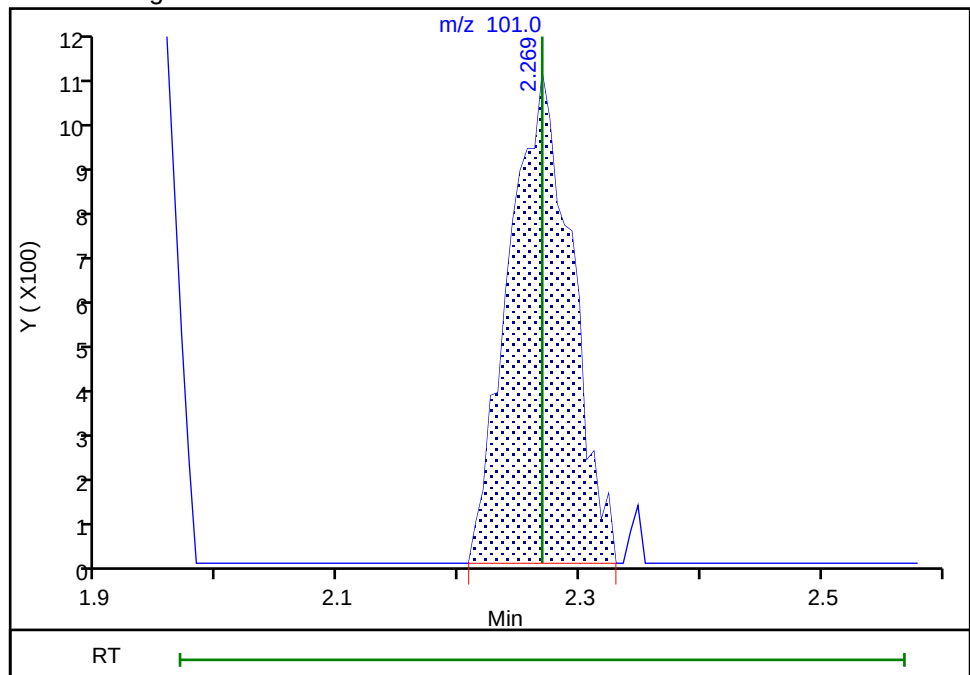
RT: 2.27

Area: 3861

Amount: 1.016974

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:40:14

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

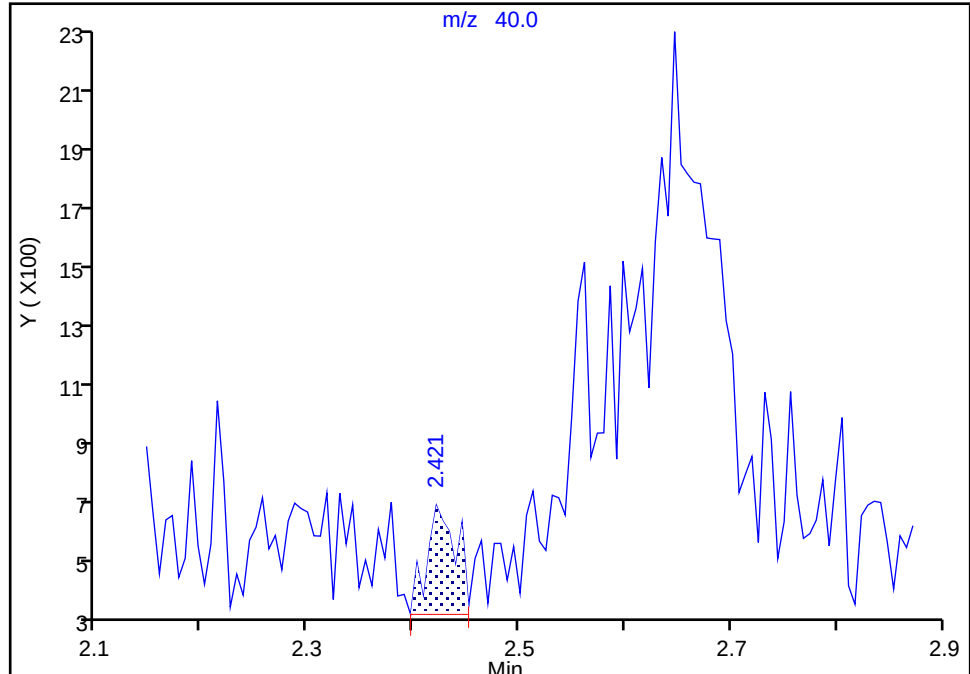
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

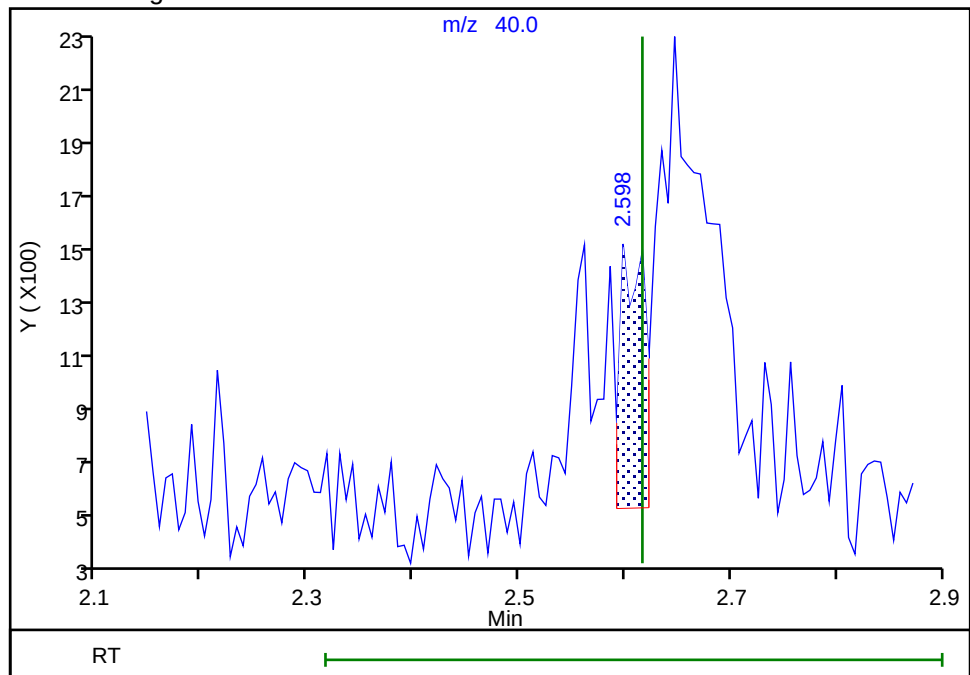
RT: 2.42
Area: 659
Amount: 2.950617
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 1505
Amount: 7.925826
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:40:25

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

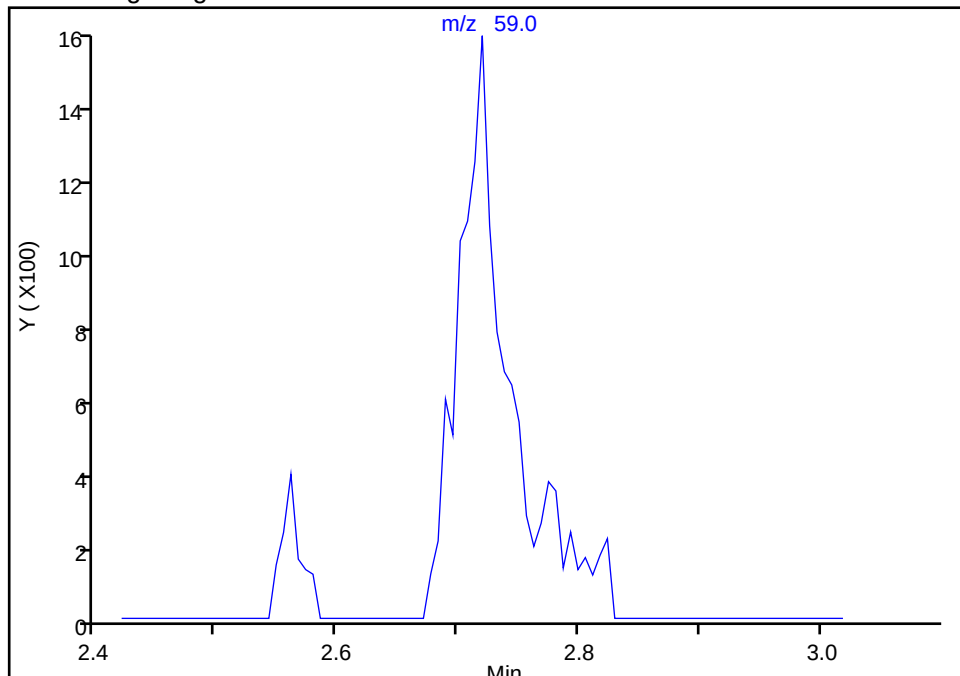
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

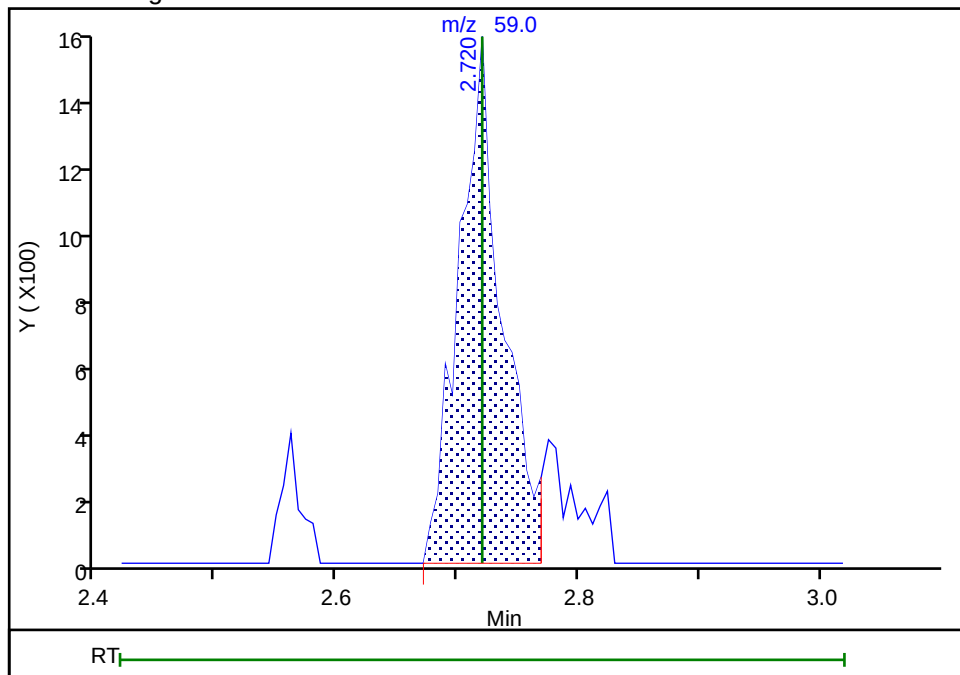
Not Detected

Expected RT: 2.72

Processing Integration Results



Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:40:32

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

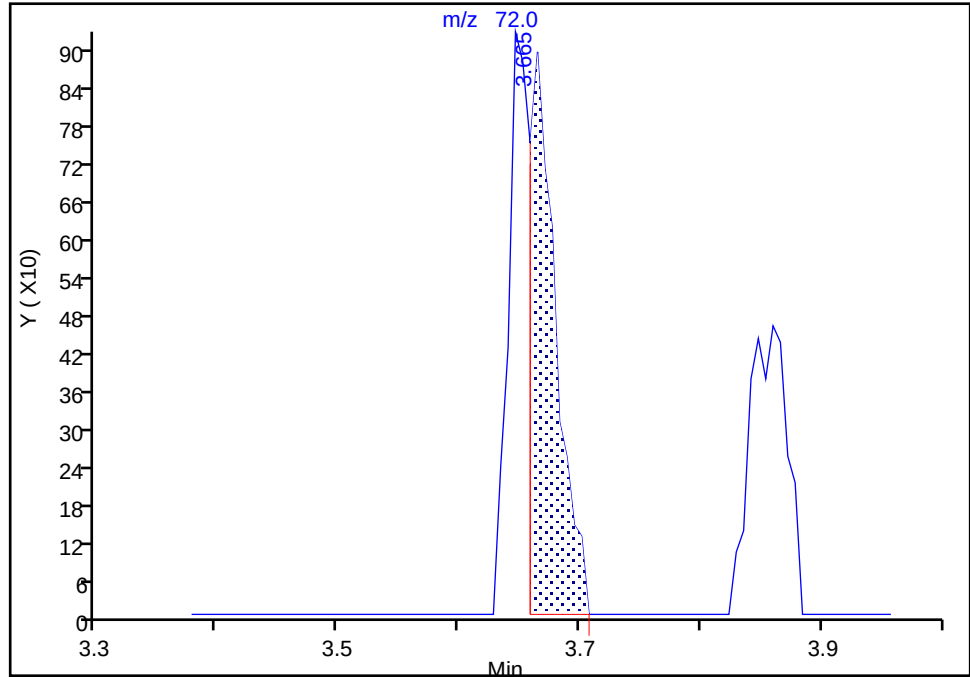
Detector MS Quad

45 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

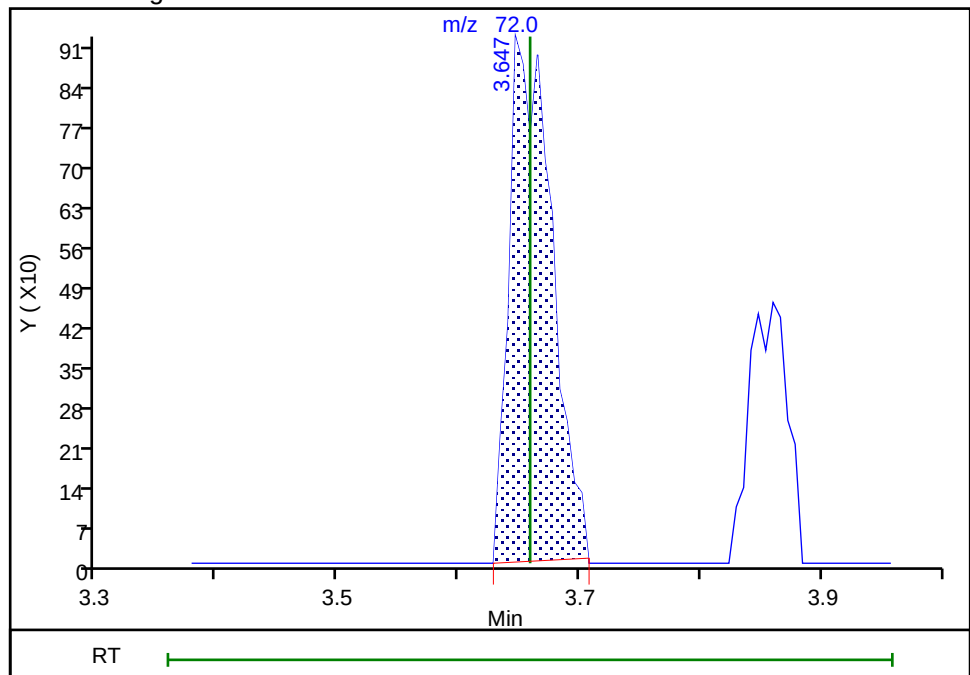
RT: 3.66
Area: 1385
Amount: 3.868941
Amount Units: ug/l

Processing Integration Results



RT: 3.65
Area: 2262
Amount: 6.086381
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:40:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

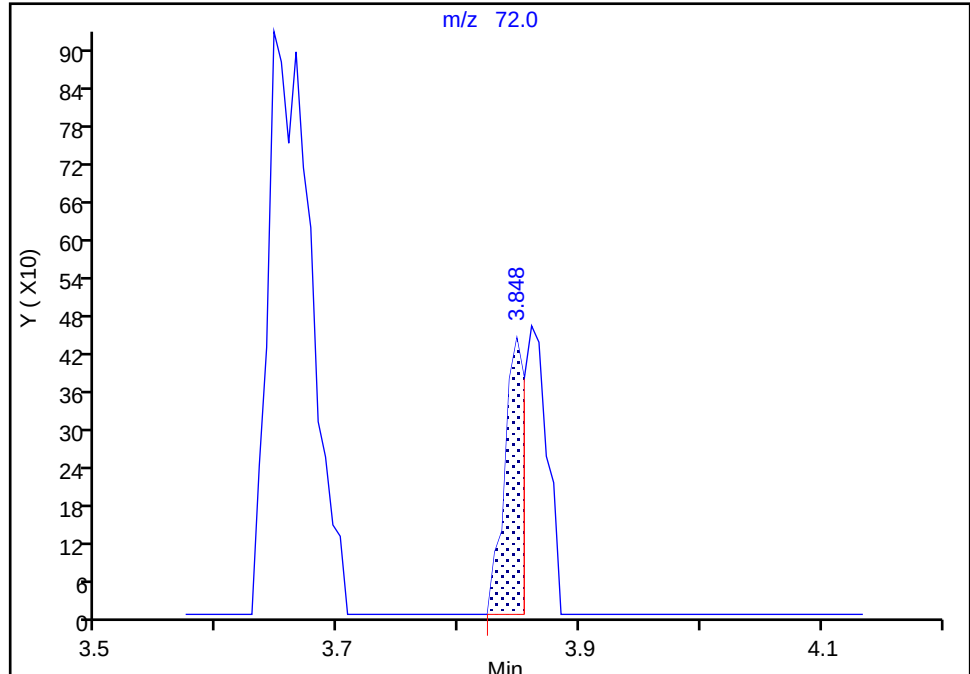
Detector MS Quad

50 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

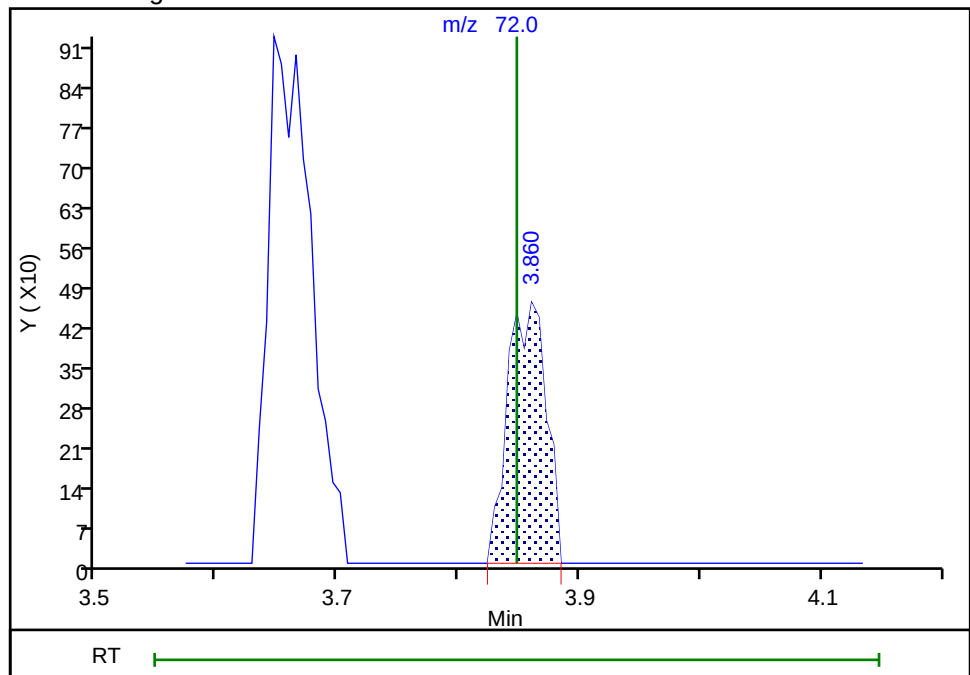
RT: 3.85
Area: 519
Amount: 1.451330
Amount Units: ug/l

Processing Integration Results



RT: 3.86
Area: 1013
Amount: 2.588805
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 21:04:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

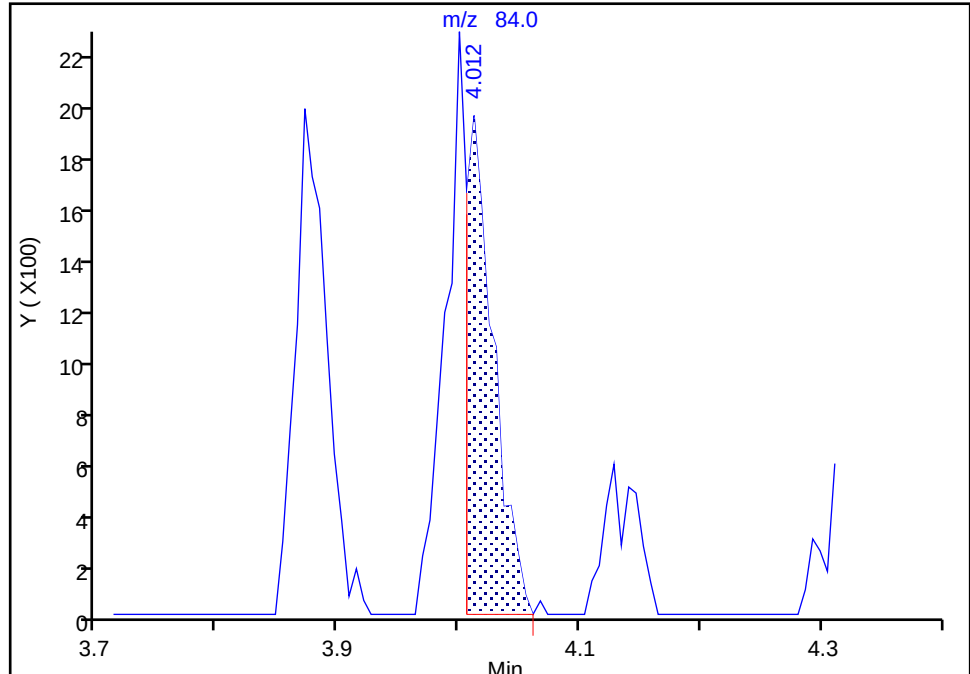
MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

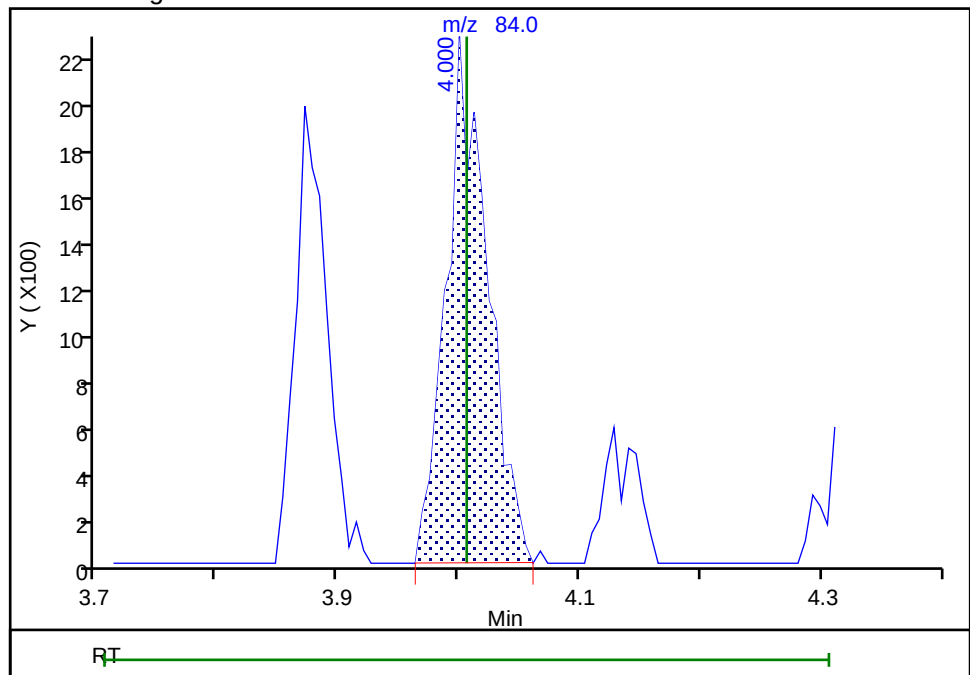
RT: 4.01
Area: 3030
Amount: 0.615349
Amount Units: ug/l

Processing Integration Results



RT: 4.00
Area: 5189
Amount: 1.035488
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:41:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

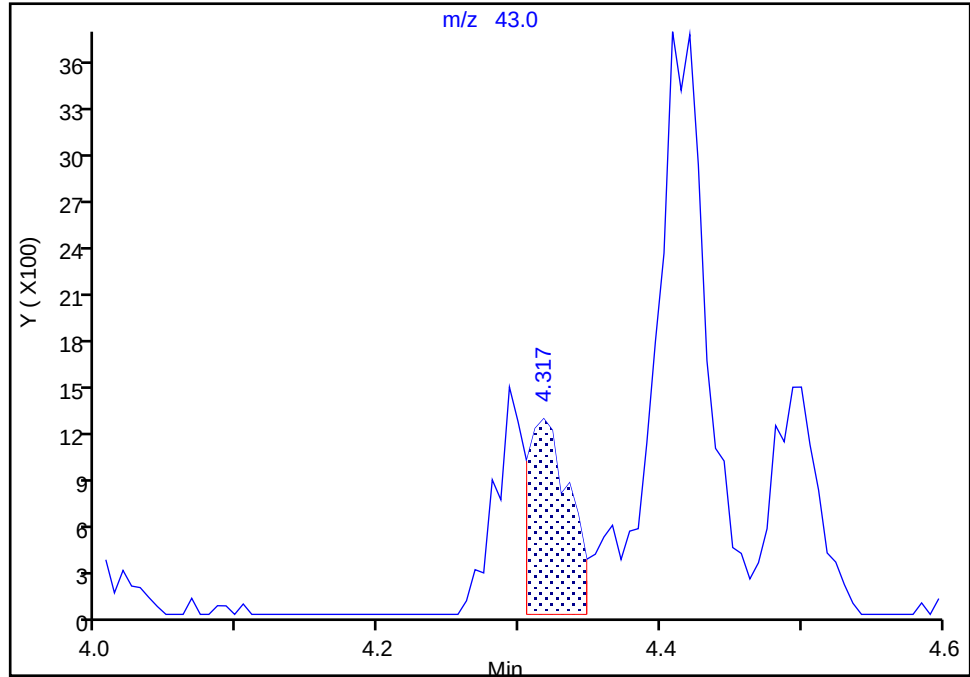
Detector: MS Quad

58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

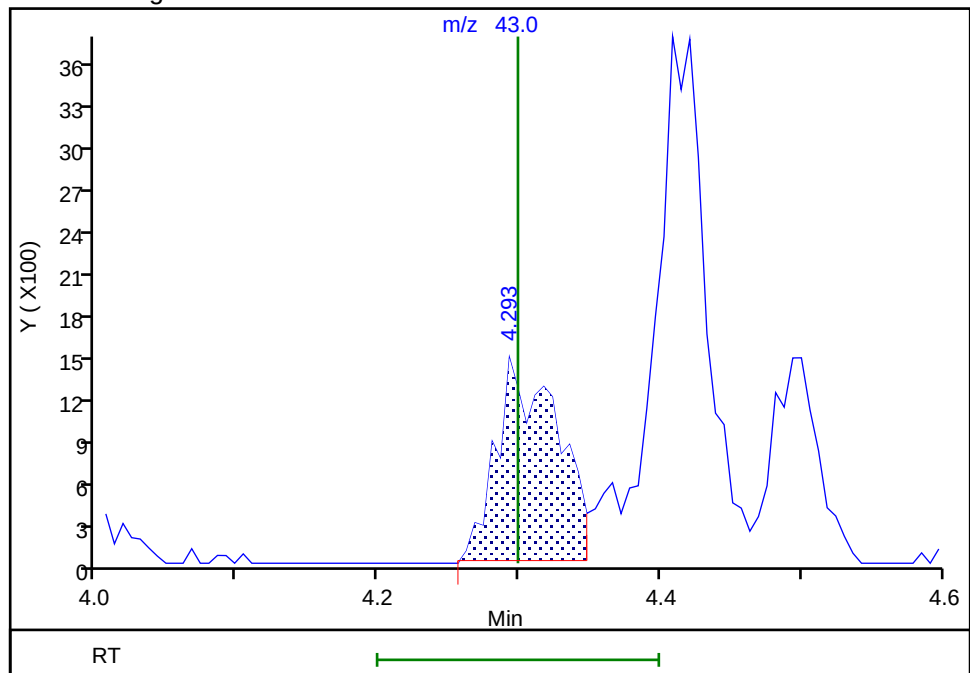
RT: 4.32
Area: 2662
Amount: 13.993949
Amount Units: ug/l

Processing Integration Results



RT: 4.29
Area: 4369
Amount: 23.968182
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:41:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#:

5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

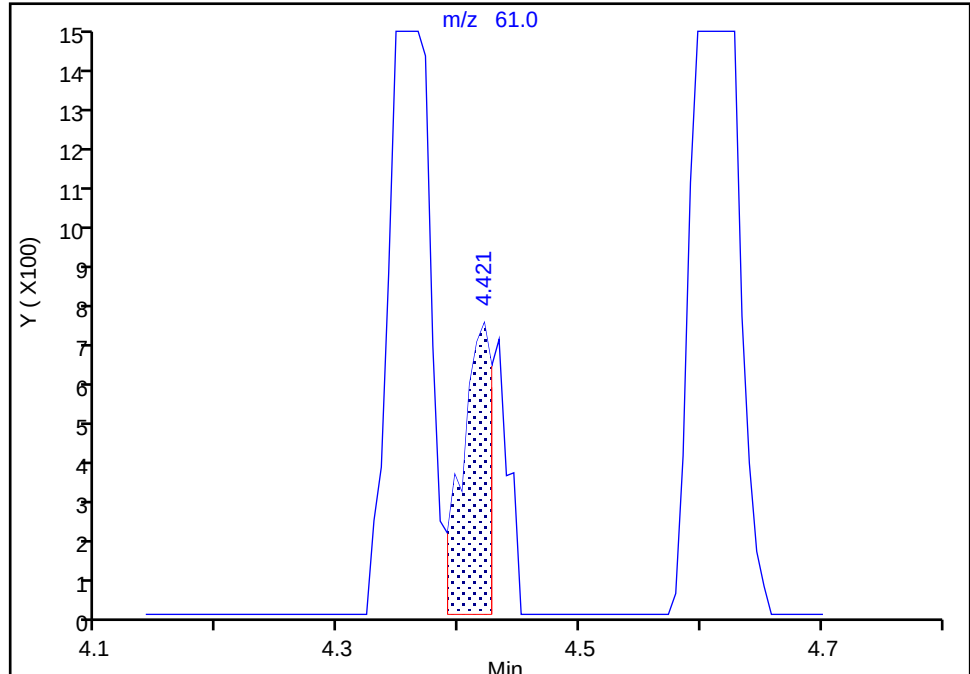
Detector: MS Quad

63 Isopropyl acetate, CAS: 108-21-4

Signal: 1

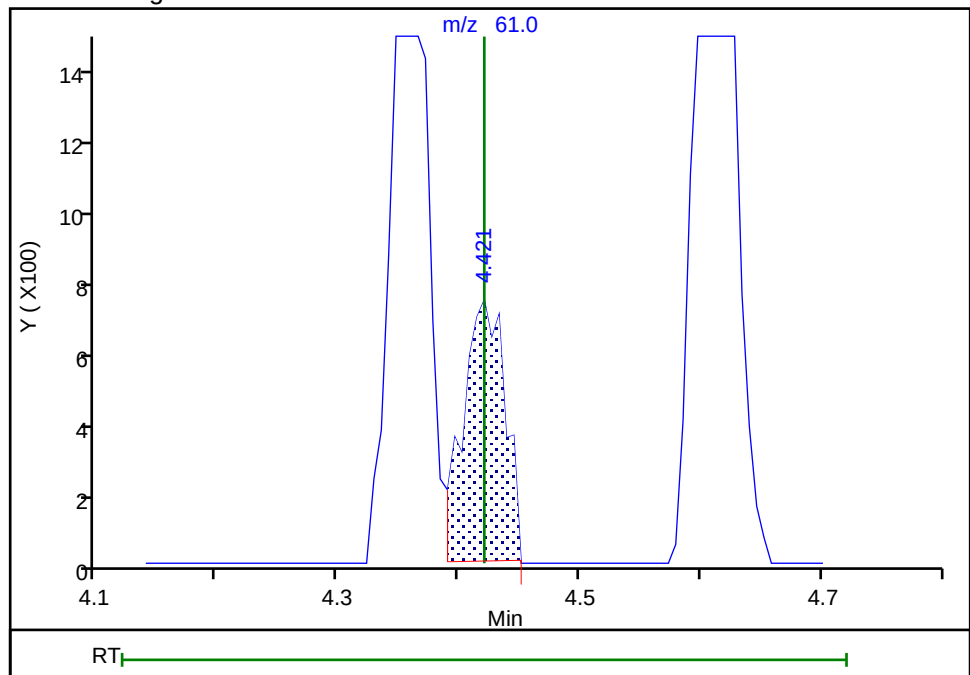
RT: 4.42
Area: 1237
Amount: 0.825191
Amount Units: ug/l

Processing Integration Results



RT: 4.42
Area: 1709
Amount: 1.140548
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:41:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

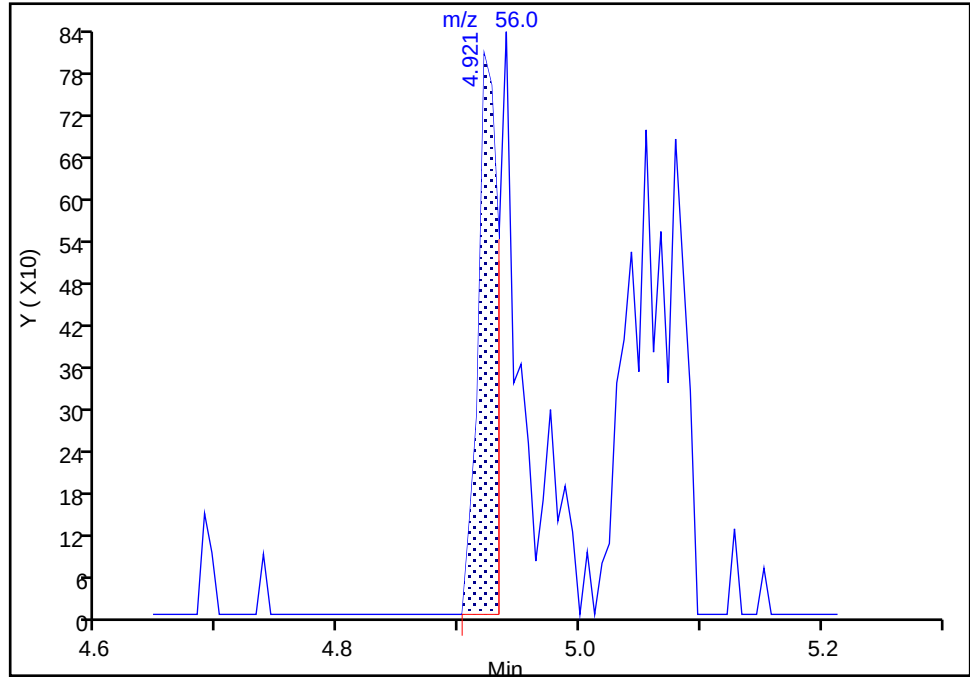
Detector: MS Quad

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

Signal: 1

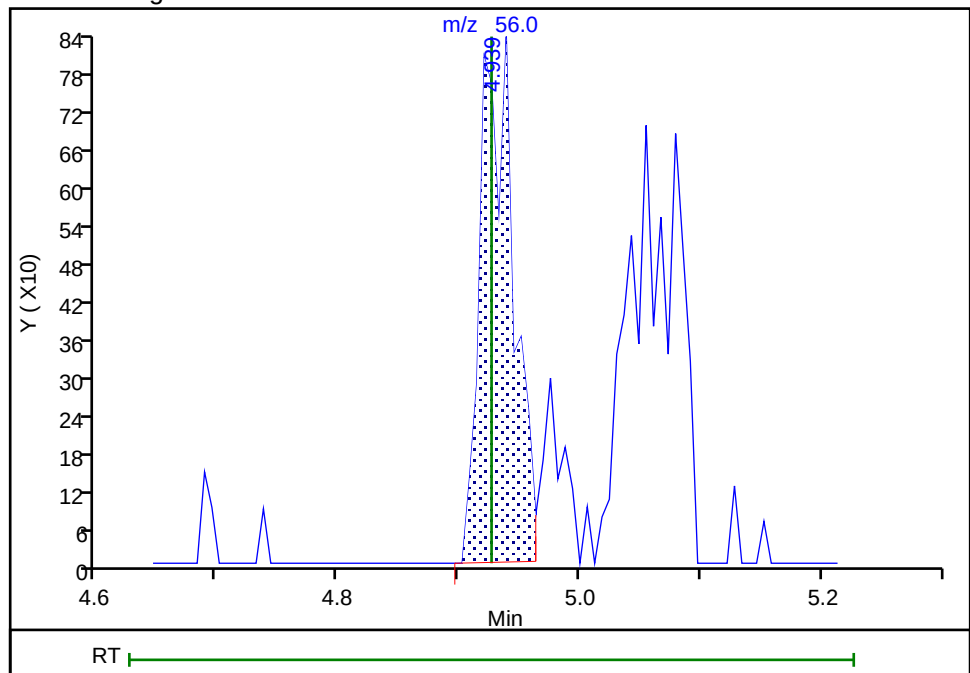
RT: 4.92
Area: 918
Amount: 13.151686
Amount Units: ug/l

Processing Integration Results



RT: 4.94
Area: 1583
Amount: 22.756777
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:42:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130788.D

Injection Date: 03-Oct-2020 12:26:30

Instrument ID: CVOAMS17

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

4

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

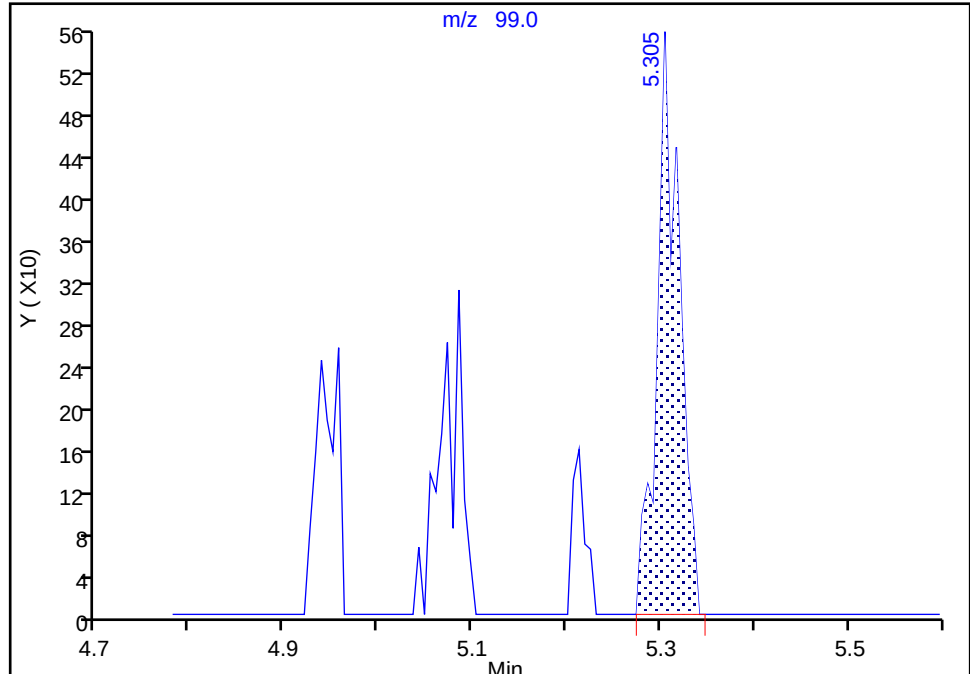
Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

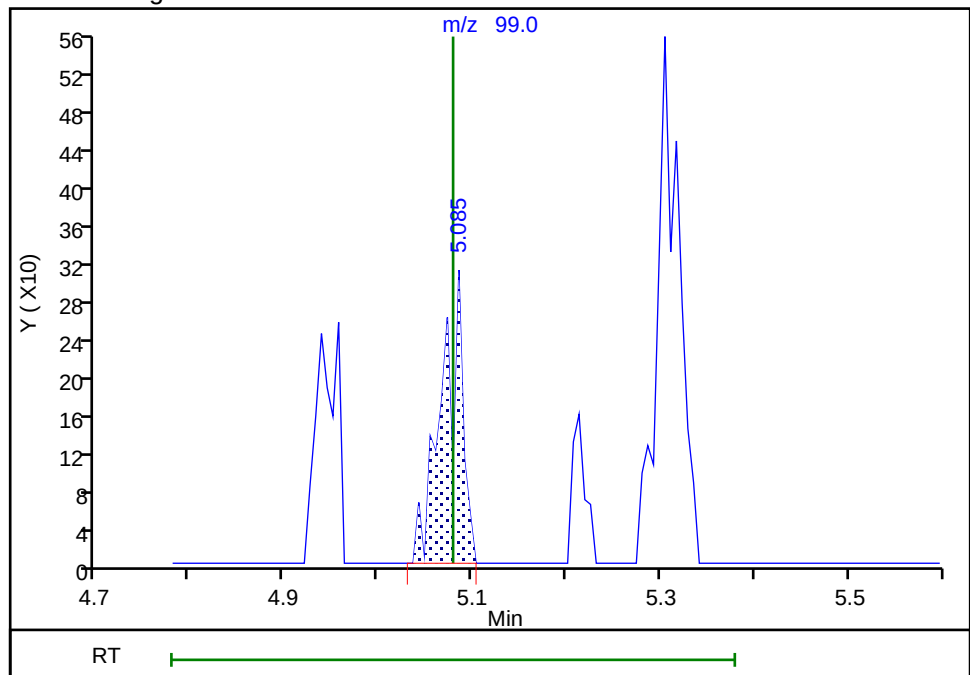
RT: 5.30
Area: 906
Amount: 1.787918
Amount Units: ug/l

Processing Integration Results



RT: 5.09
Area: 475
Amount: 1.033047
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:42:19

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 03-Oct-2020 12:47:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0117768-006
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:43:57 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:24:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.190	1.196	-0.006	67	2557	5.00	5.17	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	92	19298	5.00	5.01	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	60	8257	5.00	4.65	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	85	33766	5.00	4.97	
5 Chlorodifluoromethane	51	1.311	1.306	0.005	98	27735	5.00	4.77	
6 Chloromethane	50	1.433	1.434	-0.001	98	25283	5.00	4.71	
8 Butadiene	54	1.500	1.501	-0.001	86	21037	5.00	4.57	
7 Vinyl chloride	62	1.507	1.507	0.000	97	26490	5.00	4.88	
9 Bromomethane	94	1.726	1.726	0.000	95	20385	5.00	4.88	
10 Chloroethane	64	1.781	1.787	-0.006	99	14761	5.00	4.71	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	97	40136	5.00	4.95	
12 Trichlorofluoromethane	101	1.933	1.940	-0.007	76	37035	5.00	5.01	
13 Pentane	72	1.946	1.952	-0.006	91	6323	10.0	11.5	
14 Ethanol	46	2.086	2.092	-0.006	90	2250	200.0	183.6	
15 Ethyl ether	74	2.104	2.104	0.000	98	8919	5.00	4.93	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	96	14727	5.00	5.11	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.165	2.159	0.006	83	17997	5.00	5.05	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.208	-0.006	81	24663	5.00	4.91	a
19 Acrolein	56	2.250	2.257	-0.007	94	7315	20.0	22.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.269	0.000	92	18909	5.00	5.04	
21 1,1-Dichloroethene	96	2.287	2.287	0.000	97	17727	5.00	5.01	
22 Acetone	43	2.354	2.354	0.000	84	26110	25.0	25.2	
23 Iodomethane	142	2.415	2.415	0.000	99	37729	5.00	5.10	
25 Isopropyl alcohol	45	2.427	2.433	-0.006	39	10283	50.0	58.1	
24 Carbon disulfide	76	2.445	2.446	-0.001	100	68823	5.00	5.10	
26 3-Chloro-1-propene	76	2.543	2.549	-0.006	82	10210	5.00	5.16	
27 Methyl acetate	43	2.561	2.561	0.000	78	23076	10.0	10.9	
28 Cyclopentene	67	2.561	2.567	-0.006	88	38285	5.00	4.99	
29 Acetonitrile	40	2.616	2.616	0.000	95	16513	50.0	85.6	Ma
* 31 TBA-d9 (IS)	66	2.653	2.665	-0.012	99	47999	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	2.659	2.665	-0.006	39	21515	5.00	4.99	
32 2-Methyl-2-propanol	59	2.726	2.720	0.006	28	18052	50.0	50.3	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	49562	5.00	5.28	
34 trans-1,2-Dichloroethene	96	2.823	2.824	-0.001	93	18959	5.00	5.20	
35 Acrylonitrile	53	2.884	2.891	-0.007	94	58490	50.0	53.3	
36 Hexane	57	2.958	2.958	0.000	90	20054	5.00	5.66	
37 Isopropyl ether	45	3.146	3.153	-0.007	95	46886	5.00	5.16	
38 1,1-Dichloroethane	63	3.171	3.177	-0.006	99	30317	5.00	5.08	
39 Vinyl acetate	86	3.195	3.189	0.006	99	5366	10.0	11.1	
40 2-Chloro-1,3-butadiene	88	3.207	3.208	-0.001	94	14113	5.00	4.95	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	92	47425	5.00	5.28	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	97	295047	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	51	5967	5.00	5.16	
44 cis-1,2-Dichloroethene	96	3.634	3.640	-0.006	98	19405	5.00	5.03	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	97	9177	25.0	24.3	
46 Ethyl acetate	70	3.677	3.671	0.006	92	3287	10.0	10.9	a
47 Methyl acrylate	55	3.713	3.707	0.006	98	12809	5.00	5.20	
48 Propionitrile	54	3.781	3.781	-0.001	97	22170	50.0	53.3	
49 Chlorobromomethane	128	3.841	3.842	-0.001	75	10882	5.00	5.25	
50 Tetrahydrofuran	72	3.848	3.848	0.000	48	3929	10.0	9.88	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	62733	50.0	52.0	
52 Chloroform	83	3.896	3.896	0.000	98	33015	5.00	5.26	
53 Cyclohexane	84	4.012	4.006	0.006	89	24895	5.00	5.03	
54 1,1,1-Trichloroethane	97	4.030	4.024	0.006	97	33208	5.00	5.14	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	202488	50.0	51.2	
56 Carbon tetrachloride	117	4.128	4.128	0.000	97	27830	5.00	4.95	
57 1,1-Dichloropropene	75	4.158	4.159	-0.001	95	22847	5.00	5.25	
58 Isobutyl alcohol	43	4.299	4.299	0.000	90	23714	125.0	130.7	
59 Isooctane	57	4.317	4.323	-0.006	99	47936	5.00	4.63	
60 Benzene	78	4.341	4.341	0.000	95	63404	5.00	5.42	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	245850	50.0	52.0	
62 Tert-amyl methyl ether	73	4.421	4.415	0.006	80	57317	5.00	5.39	
63 Isopropyl acetate	61	4.421	4.421	0.000	92	7694	5.00	5.20	
64 1,2-Dichloroethane	62	4.427	4.433	-0.006	99	26815	5.00	5.25	
65 n-Heptane	100	4.500	4.500	0.000	88	3973	5.00	4.95	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	635705	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	86	8789	125.0	126.9	
68 Trichloroethene	95	4.945	4.945	0.000	96	17600	5.00	4.96	
69 Methylcyclohexane	83	5.061	5.055	0.006	94	26145	5.00	4.69	
70 Ethyl acrylate	99	5.079	5.079	0.000	95	2395	5.00	5.27	a
71 1,2-Dichloropropane	63	5.213	5.219	-0.006	84	14420	5.00	5.15	
* 72 1,4-Dioxane-d8	96	5.286	5.274	0.012	87	29924	1000.0	1000.0	
73 Methyl methacrylate	100	5.305	5.311	-0.006	83	8597	10.0	10.9	
74 Dibromomethane	93	5.335	5.335	0.000	90	11131	5.00	5.04	
75 1,4-Dioxane	88	5.335	5.335	0.000	38	3585	100.0	102.9	
76 n-Propyl acetate	43	5.372	5.366	0.006	98	17201	5.00	4.89	
77 Dichlorobromomethane	83	5.481	5.488	-0.007	98	23252	5.00	4.94	
78 2-Nitropropane	41	5.811	5.817	-0.006	90	7393	10.0	9.95	
79 2-Chloroethyl vinyl ether	63	5.829	5.829	0.000	86	7477	5.01	4.71	
80 Epichlorohydrin	57	5.914	5.920	-0.006	99	30346	100.0	106.8	
81 cis-1,3-Dichloropropene	75	5.963	5.969	-0.006	93	25177	5.00	5.35	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	62999	25.0	25.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	100	621279	50.0	52.4	
84 Toluene	91	6.268	6.274	-0.006	93	62481	5.00	5.24	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	95	22519	5.00	4.97	
86 Ethyl methacrylate	69	6.670	6.670	0.000	86	14391	5.00	4.82	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	93	10643	5.00	5.04	
88 Tetrachloroethene	166	6.853	6.853	0.000	96	18688	5.00	5.08	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	95	21189	5.00	5.13	
90 2-Hexanone	43	7.109	7.109	0.000	95	37517	25.0	24.0	
91 n-Butyl acetate	43	7.231	7.231	0.000	93	16903	5.00	5.09	
92 Chlorodibromomethane	129	7.243	7.243	0.000	97	17389	5.00	5.47	
93 Ethylene Dibromide	107	7.383	7.384	-0.001	100	13750	5.00	5.16	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	86	435650	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	96	42893	5.00	5.18	
96 Ethylbenzene	106	8.072	8.072	0.000	99	21462	5.00	5.14	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	90	19150	5.00	5.34	
98 m-Xylene & p-Xylene	106	8.225	8.231	-0.006	96	26192	5.00	5.22	
99 o-Xylene	106	8.743	8.743	0.000	93	26511	5.00	4.91	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	9291	5.00	5.06	
101 Styrene	104	8.780	8.780	0.000	95	38273	5.00	4.90	
102 Bromoform	173	9.036	9.036	0.000	97	12627	5.00	5.44	
103 Amyl acetate (mixed isomers)	43	9.078	9.072	0.006	92	20055	5.00	4.63	
104 Isopropylbenzene	105	9.212	9.213	0.000	96	74286	5.00	5.14	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	217444	50.0	51.2	
106 Bromobenzene	156	9.596	9.597	-0.001	88	20635	5.00	4.82	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	95	17506	5.00	4.70	
108 N-Propylbenzene	91	9.706	9.706	0.000	98	83458	5.00	4.73	
109 1,2,3-Trichloropropane	110	9.724	9.731	-0.007	94	6250	5.00	5.35	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	84	3794	5.00	4.66	
111 2-Chlorotoluene	91	9.810	9.816	-0.006	97	60762	5.00	4.97	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	70083	5.00	4.78	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	94	61622	5.00	4.66	
114 4-Chlorotoluene	91	9.950	9.944	0.006	97	59877	5.00	4.95	
115 Butyl Methacrylate	87	10.066	10.066	0.000	91	12907	5.00	3.40	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	52740	5.00	4.47	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	97	63547	5.00	4.69	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	79377	5.00	4.49	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	96	40486	5.00	4.88	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	72236	5.00	4.75	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	278585	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	95	41588	5.00	5.01	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	100	70269	5.00	4.89	
124 Benzyl chloride	91	10.846	10.846	0.000	98	27817	5.00	4.43	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	66399	5.00	4.77	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	95	40133	5.00	4.89	
127 n-Butylbenzene	92	11.005	11.005	0.000	97	39710	5.00	5.11	
128 1,2-Dichlorobenzene	146	11.041	11.035	0.006	96	43296	5.00	5.33	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	97	72275	5.00	4.38	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	95	5362	5.00	4.98	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	96	40382	5.00	4.92	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	93	40299	5.00	4.85	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	95	19374	5.00	4.63	
134 Naphthalene	128	12.559	12.559	0.000	99	75422	5.00	4.76	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	93	37001	5.00	4.94	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.2	
S 137 Xylenes, Total	100				0		10.0	10.1	
S 138 Total 1,2-dichloroethene	1				0			10.2	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.3	
S 140 Total BTEX	1				0		25.0	25.9	

QC Flag Legend

Processing Flags

Review Flags

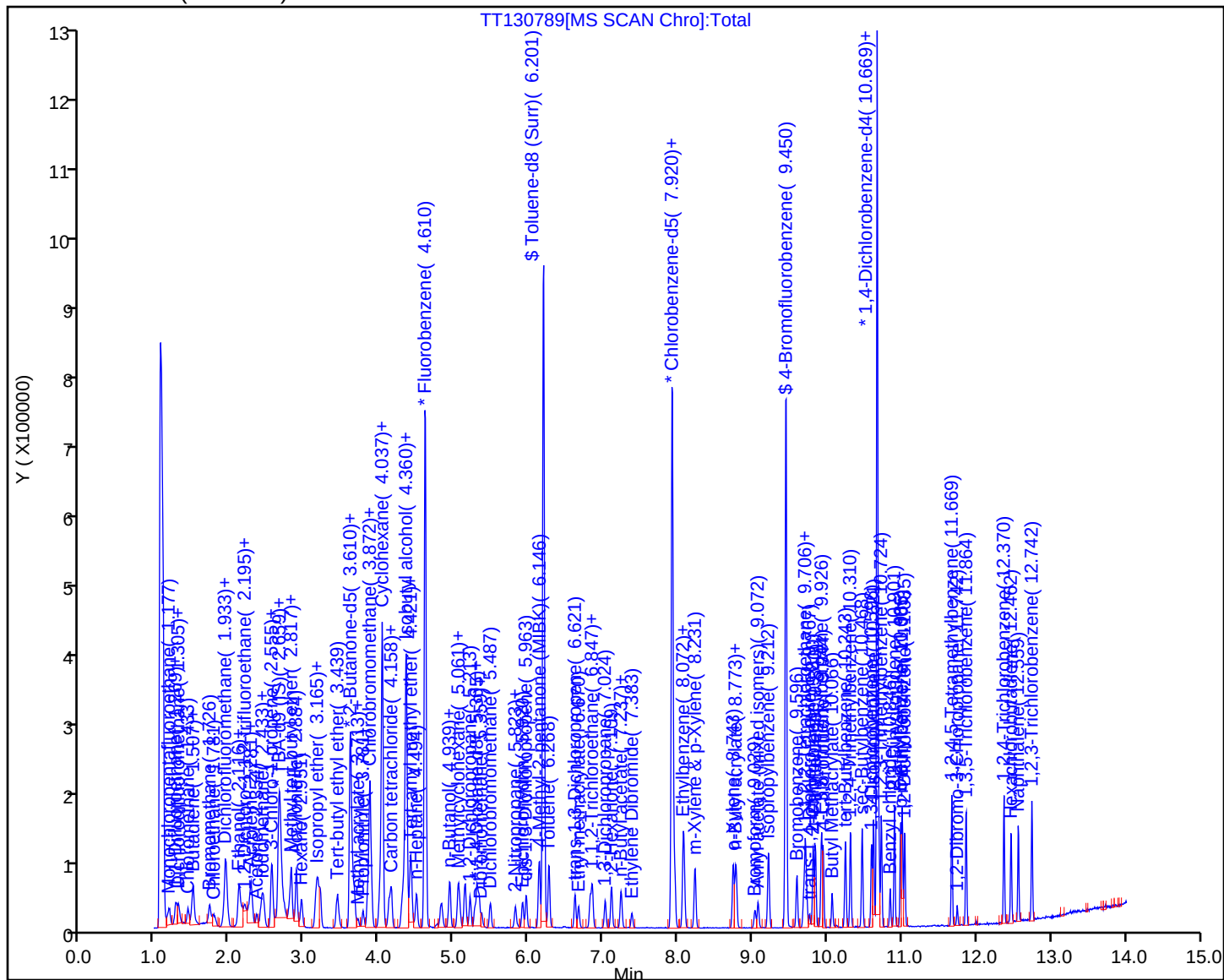
M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 10.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 10.00	Units: uL	
524freon_00028	Amount Added: 10.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D

Injection Date: 03-Oct-2020 12:47:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

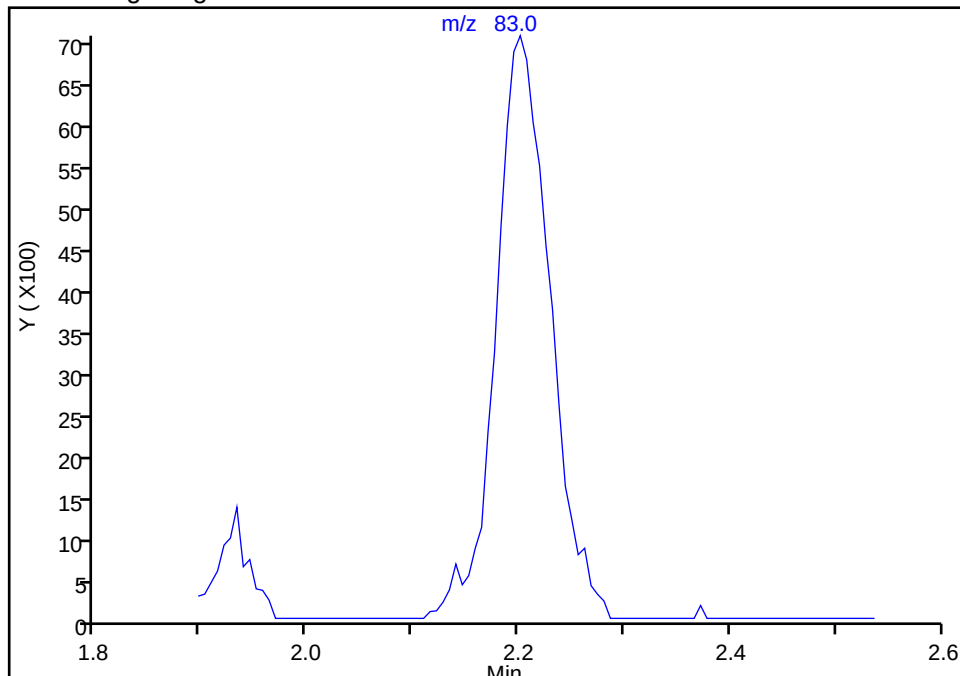
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.21

Processing Integration Results



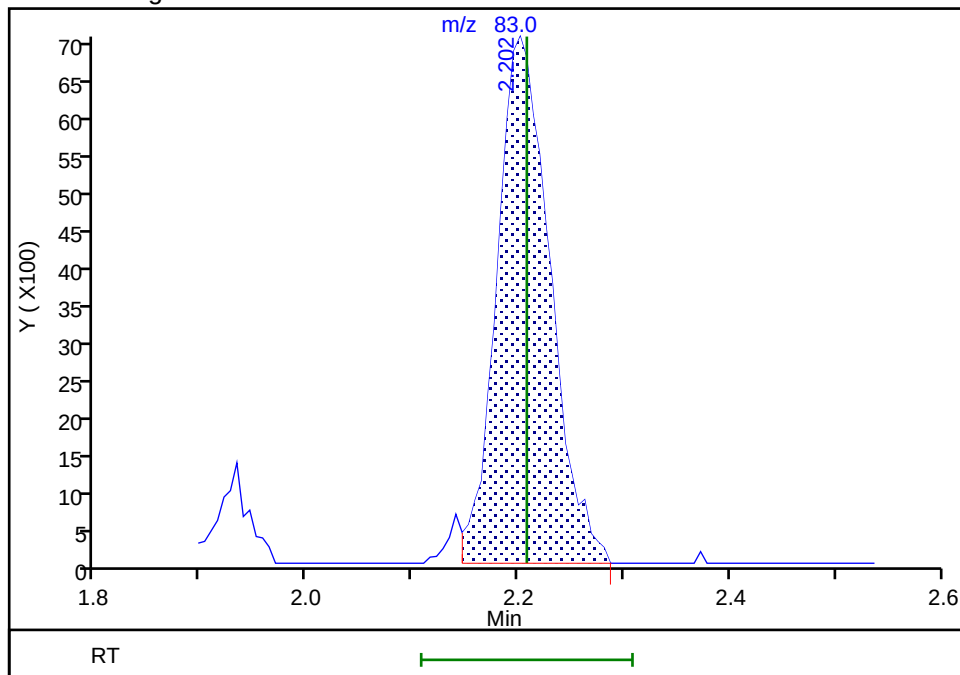
RT: 2.20

Area: 24663

Amount: 4.911508

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:38:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D

Injection Date: 03-Oct-2020 12:47:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

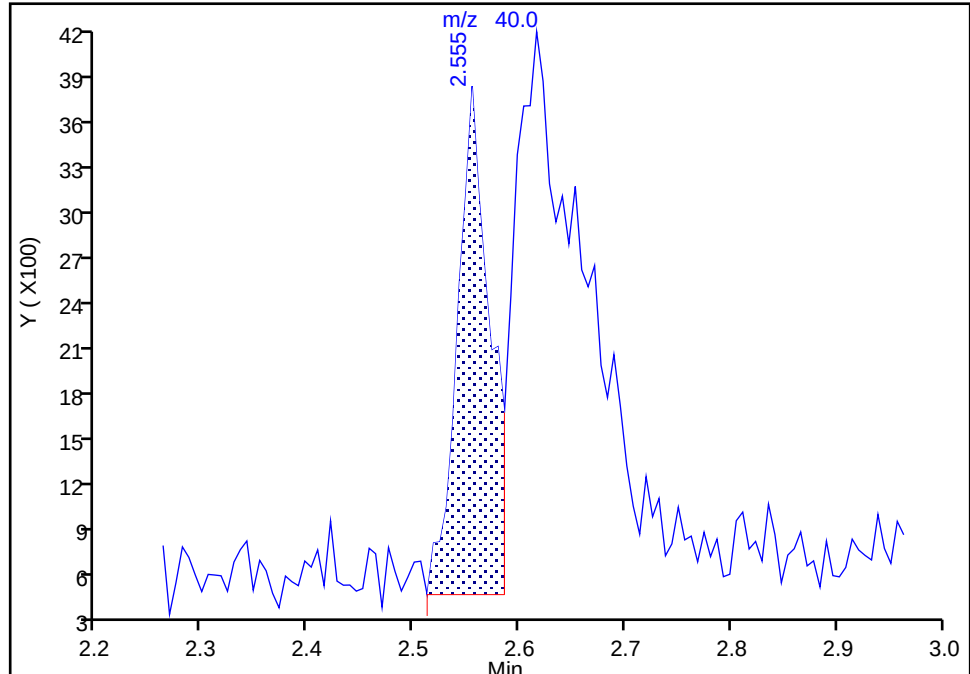
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

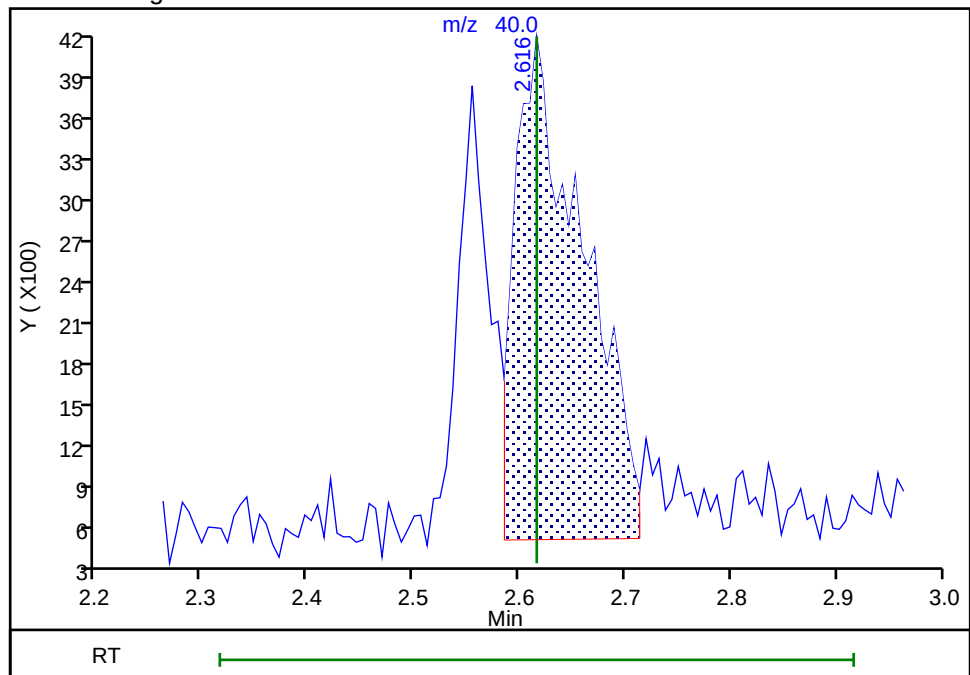
RT: 2.56
Area: 7184
Amount: 40.574764
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 16513
Amount: 85.574792
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 21:06:17

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D

Injection Date: 03-Oct-2020 12:47:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

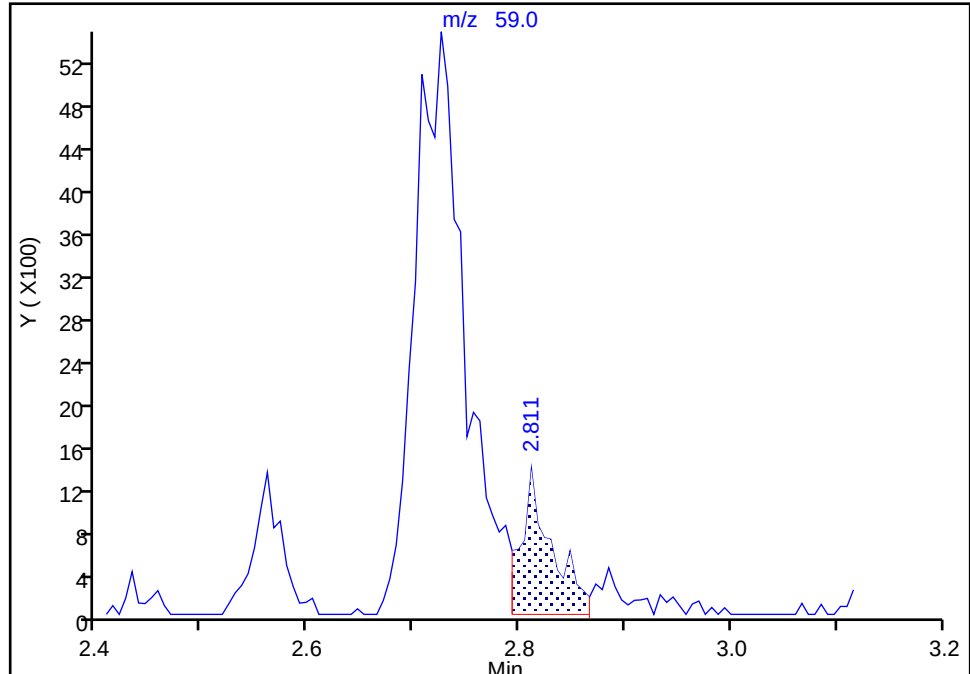
Detector MS Quad

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

Signal: 1

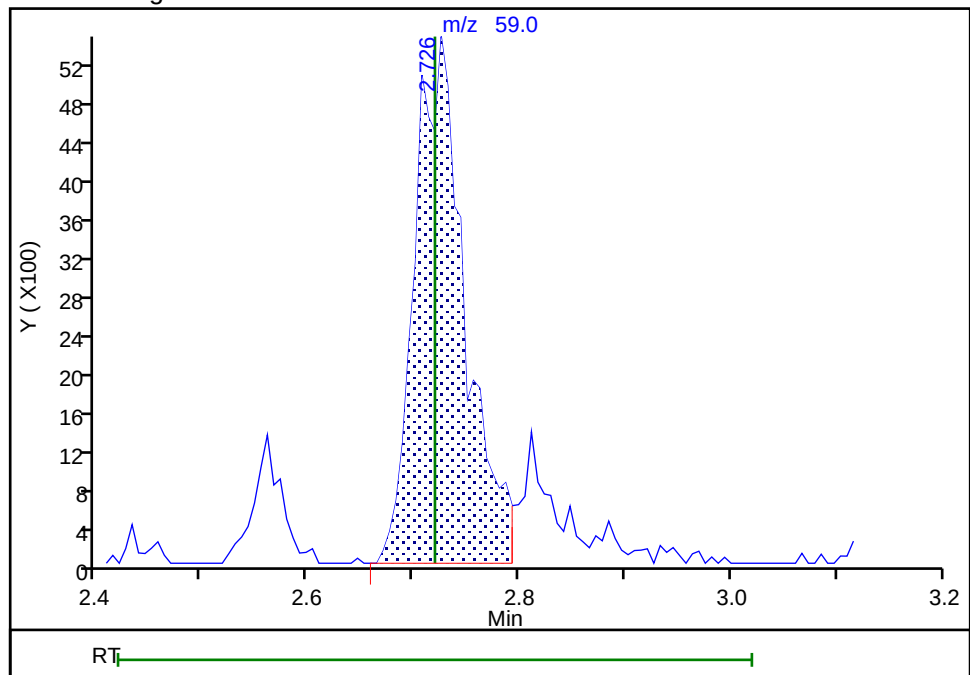
RT: 2.81
Area: 2758
Amount: 48.764981
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 18052
Amount: 50.347045
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:37:42

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D

Injection Date: 03-Oct-2020 12:47:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#:

6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

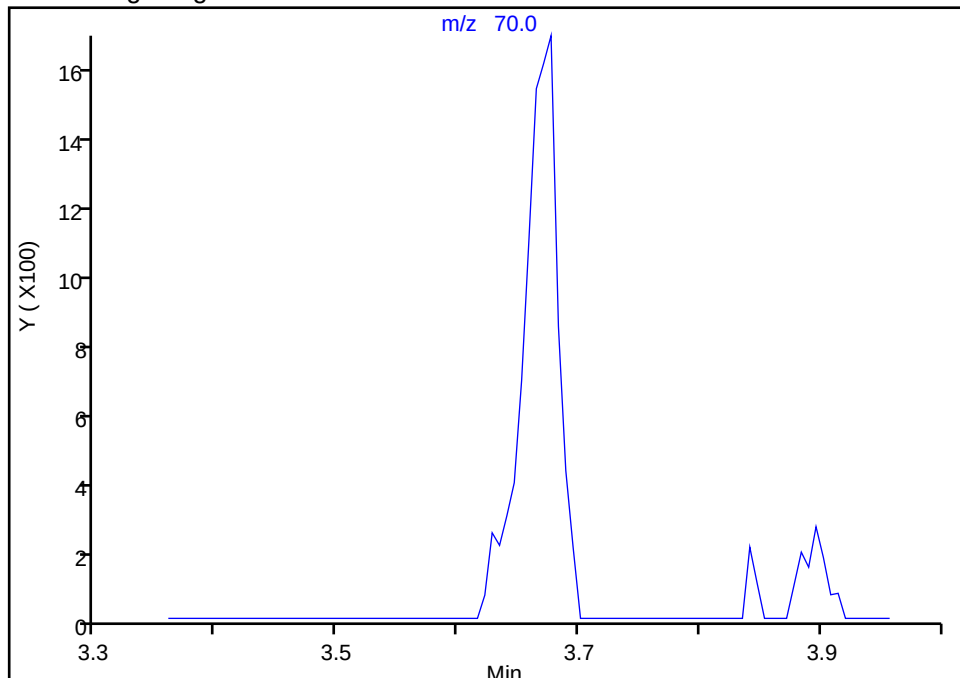
46 Ethyl acetate, CAS: 141-78-6

Signal: 1

Not Detected

Expected RT: 3.67

Processing Integration Results



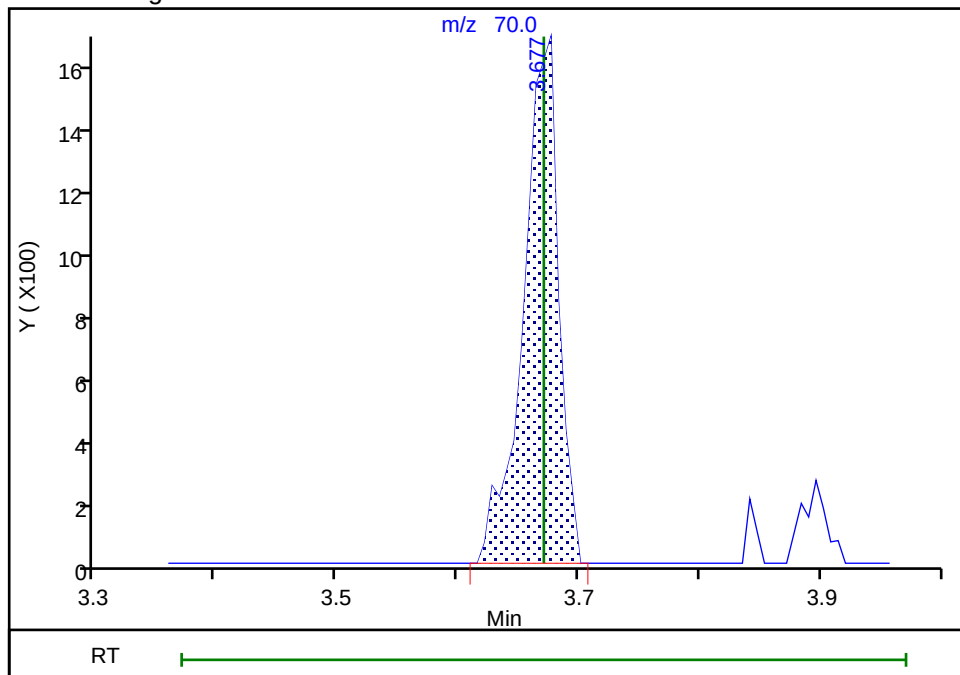
RT: 3.68

Area: 3287

Amount: 10.904963

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:37:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130789.D

Injection Date: 03-Oct-2020 12:47:30

Instrument ID: CVOAMS17

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

5

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

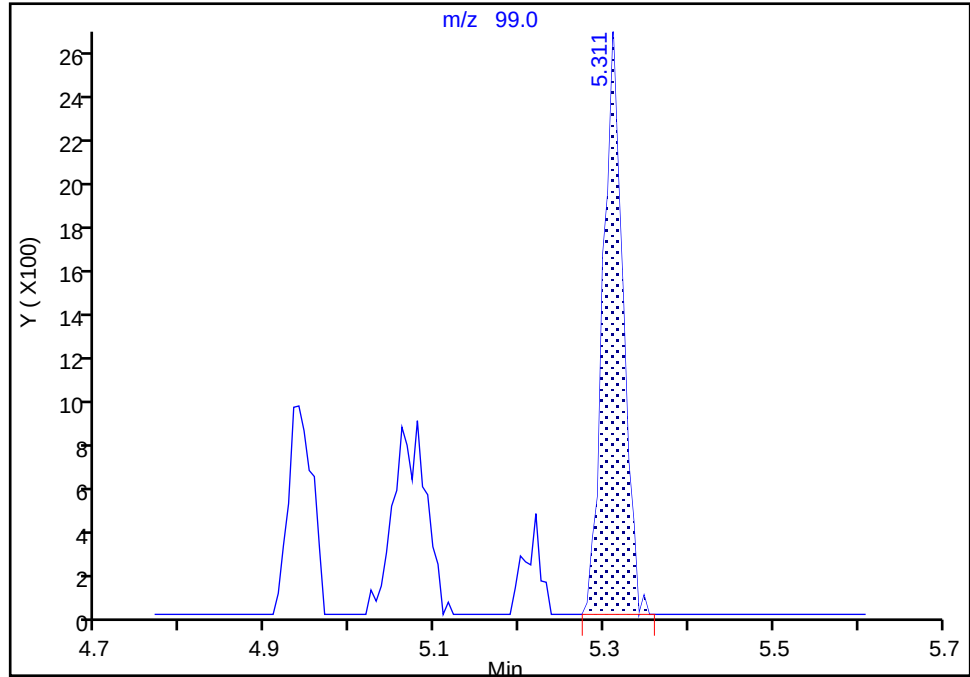
Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

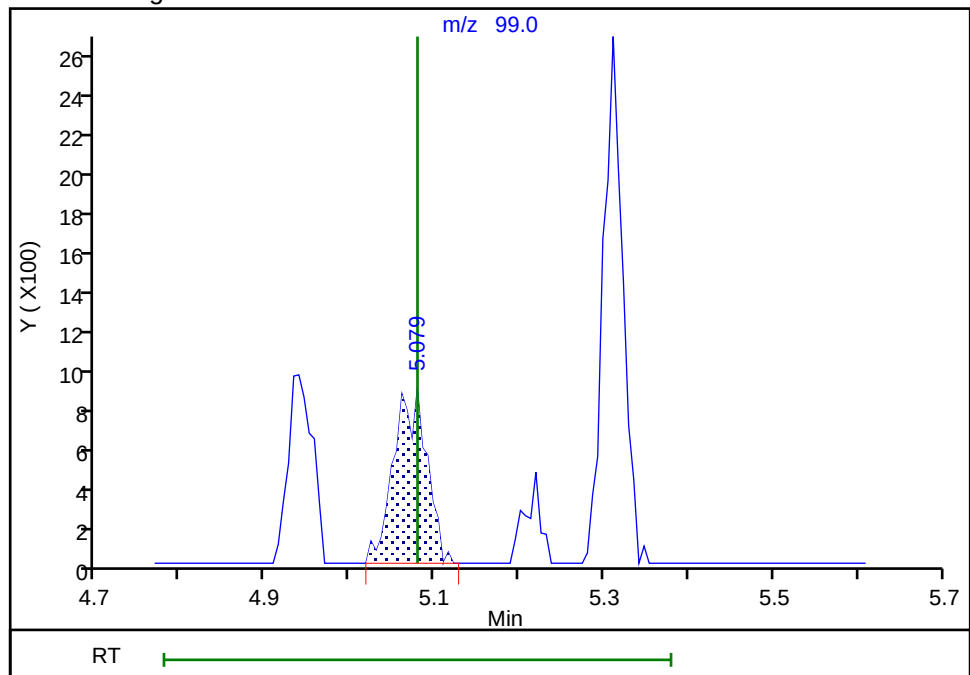
RT: 5.31
Area: 4352
Amount: 5.075416
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 2395
Amount: 5.267156
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:38:04

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 03-Oct-2020 13:08:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0117768-007
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:44:14 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:28:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	80	9775	20.0	19.8	a
2 1,1-Difluoroethane	51	1.269	1.269	0.000	94	74626	20.0	19.5	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	60	32388	20.0	18.3	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	98	126289	20.0	18.7	
5 Chlorodifluoromethane	51	1.306	1.306	0.000	98	117846	20.0	20.4	
6 Chloromethane	50	1.434	1.434	0.000	98	106438	20.0	19.9	
8 Butadiene	54	1.501	1.501	0.000	97	79290	20.0	17.3	
7 Vinyl chloride	62	1.507	1.507	0.000	98	104109	20.0	19.3	
9 Bromomethane	94	1.726	1.726	0.000	98	86620	20.0	20.6	
10 Chloroethane	64	1.787	1.787	0.000	100	58825	20.0	18.7	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	98	162326	20.0	20.1	
12 Trichlorofluoromethane	101	1.940	1.940	0.000	78	148208	20.0	20.2	
13 Pentane	72	1.952	1.952	0.000	94	21191	40.0	38.8	
14 Ethanol	46	2.092	2.092	0.000	88	10321	800.0	783.7	
15 Ethyl ether	74	2.104	2.104	0.000	96	36301	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	97	56408	20.0	19.7	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	87	73570	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	94	106002	20.0	21.2	
19 Acrolein	56	2.257	2.257	0.000	91	14984	40.0	43.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.269	0.000	93	72912	20.0	19.5	
21 1,1-Dichloroethene	96	2.287	2.287	0.000	98	69315	20.0	19.7	
22 Acetone	43	2.354	2.354	0.000	86	99439	100.0	95.4	
23 Iodomethane	142	2.415	2.415	0.000	100	154936	20.0	21.0	
25 Isopropyl alcohol	45	2.433	2.433	0.000	37	38748	200.0	205.0	
24 Carbon disulfide	76	2.446	2.446	0.000	100	276035	20.0	20.6	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	84	40774	20.0	20.7	
27 Methyl acetate	43	2.561	2.561	0.000	77	89136	40.0	42.2	
28 Cyclopentene	67	2.567	2.567	0.000	93	151027	20.0	19.8	
29 Acetonitrile	40	2.616	2.616	0.000	95	50585	200.0	260.5	Ma
* 31 TBA-d9 (IS)	66	2.665	2.665	0.000	98	51285	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	2.665	2.665	0.000	86	85928	20.0	20.0	
32 2-Methyl-2-propanol	59	2.720	2.720	0.000	98	67582	200.0	176.4	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	192477	20.0	20.6	
34 trans-1,2-Dichloroethene	96	2.824	2.824	0.000	95	74719	20.0	20.6	
35 Acrylonitrile	53	2.891	2.891	0.000	92	226751	200.0	207.4	
36 Hexane	57	2.958	2.958	0.000	90	69604	20.0	19.7	
37 Isopropyl ether	45	3.153	3.153	0.000	93	185633	20.0	20.5	
38 1,1-Dichloroethane	63	3.177	3.177	0.000	100	125901	20.0	21.2	
39 Vinyl acetate	86	3.189	3.189	0.000	99	20912	40.0	42.8	
40 2-Chloro-1,3-butadiene	88	3.208	3.208	0.000	94	60052	20.0	21.2	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	90	194381	20.0	21.7	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	93	296949	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	87	24525	20.0	21.3	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	98	80138	20.0	20.9	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	98	36807	100.0	96.8	
46 Ethyl acetate	70	3.671	3.671	0.000	96	13532	40.0	44.6	
47 Methyl acrylate	55	3.707	3.707	0.000	99	50809	20.0	20.7	
48 Propionitrile	54	3.781	3.781	0.000	97	85451	200.0	192.4	
49 Chlorobromomethane	128	3.842	3.842	0.000	79	43101	20.0	20.9	
50 Tetrahydrofuran	72	3.848	3.848	0.000	53	14935	40.0	37.3	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	254901	200.0	212.4	
52 Chloroform	83	3.896	3.896	0.000	99	131720	20.0	21.1	
53 Cyclohexane	84	4.006	4.006	0.000	90	97751	20.0	19.8	
54 1,1,1-Trichloroethane	97	4.024	4.024	0.000	98	129825	20.0	20.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	205089	50.0	52.1	
56 Carbon tetrachloride	117	4.128	4.128	0.000	98	111382	20.0	19.9	
57 1,1-Dichloropropene	75	4.159	4.159	0.000	94	88009	20.0	20.3	
58 Isobutyl alcohol	43	4.299	4.299	0.000	95	90054	500.0	464.5	
59 Isooctane	57	4.323	4.323	0.000	98	189220	20.0	18.3	
60 Benzene	78	4.341	4.341	0.000	96	260860	20.0	21.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	98	240159	50.0	51.0	
62 Tert-amyl methyl ether	73	4.415	4.415	0.000	79	231770	20.0	21.9	
63 Isopropyl acetate	61	4.421	4.421	0.000	91	32432	20.0	22.0	
64 1,2-Dichloroethane	62	4.433	4.433	0.000	99	105069	20.0	20.7	
65 n-Heptane	100	4.500	4.500	0.000	88	15330	20.0	19.2	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	632876	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	90	33961	500.0	459.0	
68 Trichloroethene	95	4.945	4.945	0.000	97	71338	20.0	20.2	
69 Methylcyclohexane	83	5.055	5.055	0.000	95	103299	20.0	18.6	a
70 Ethyl acrylate	99	5.079	5.079	0.000	98	9598	20.0	21.1	a
71 1,2-Dichloropropane	63	5.219	5.219	0.000	84	58380	20.0	21.0	
* 72 1,4-Dioxane-d8	96	5.274	5.274	0.000	85	33722	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	87	33904	40.0	43.0	
74 Dibromomethane	93	5.335	5.335	0.000	92	45252	20.0	20.6	
75 1,4-Dioxane	88	5.335	5.335	0.000	34	15300	400.0	389.8	M
76 n-Propyl acetate	43	5.366	5.366	0.000	98	68743	20.0	19.6	
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	92774	20.0	19.8	
78 2-Nitropropane	41	5.817	5.817	0.000	85	28950	40.0	38.8	
79 2-Chloroethyl vinyl ether	63	5.829	5.829	0.000	83	31945	20.0	19.5	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	117469	400.0	410.7	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	101454	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	255783	100.0	100.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	631045	50.0	51.4	
84 Toluene	91	6.274	6.274	0.000	94	256925	20.0	20.8	
85 trans-1,3-Dichloropropene	75	6.622	6.622	0.000	98	91625	20.0	19.5	
86 Ethyl methacrylate	69	6.670	6.670	0.000	90	63488	20.0	20.5	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	45247	20.0	20.7	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	77987	20.0	20.5	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	93	87616	20.0	20.5	
90 2-Hexanone	43	7.109	7.109	0.000	96	152794	100.0	97.2	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	71771	20.0	20.9	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	71444	20.0	21.7	
93 Ethylene Dibromide	107	7.384	7.384	0.000	97	57944	20.0	21.0	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	86	451065	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	175114	20.0	20.4	
96 Ethylbenzene	106	8.072	8.072	0.000	98	92414	20.0	21.4	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	93	78190	20.0	21.1	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	97	111978	20.0	21.6	
99 o-Xylene	106	8.743	8.743	0.000	93	113934	20.0	20.4	
100 n-Butyl acrylate	73	8.767	8.767	0.000	96	38722	20.0	20.4	
101 Styrene	104	8.780	8.780	0.000	94	170202	20.0	21.0	
102 Bromoform	173	9.036	9.036	0.000	97	49177	20.0	20.5	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	84476	20.0	20.2	
104 Isopropylbenzene	105	9.213	9.213	0.000	96	321405	20.0	21.5	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	218362	50.0	49.7	
106 Bromobenzene	156	9.597	9.597	0.000	91	82928	20.0	20.1	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	96	71532	20.0	19.9	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	351344	20.0	20.7	
109 1,2,3-Trichloropropane	110	9.731	9.731	0.000	95	23934	20.0	21.2	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	88	16715	20.0	20.0	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	250951	20.0	21.3	
112 4-Ethyltoluene	105	9.840	9.840	0.000	99	305932	20.0	21.7	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	275043	20.0	21.6	
114 4-Chlorotoluene	91	9.944	9.944	0.000	99	246399	20.0	21.1	
115 Butyl Methacrylate	87	10.066	10.066	0.000	93	62669	20.0	17.0	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	236425	20.0	20.8	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	282822	20.0	21.6	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	354670	20.0	20.8	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	162098	20.0	20.3	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	97	309473	20.0	21.1	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	268435	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	162164	20.0	20.3	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	292761	20.0	21.1	
124 Benzyl chloride	91	10.846	10.846	0.000	99	119096	20.0	19.7	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	277482	20.0	20.7	
126 p-Diethylbenzene	119	10.987	10.987	0.000	95	168308	20.0	21.3	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	161001	20.0	21.5	
128 1,2-Dichlorobenzene	146	11.035	11.035	0.000	97	167138	20.0	21.3	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	97	322462	20.0	20.3	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	94	21618	20.0	20.8	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	98	161024	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	158118	20.0	19.7	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	96	77919	20.0	19.3	
134 Naphthalene	128	12.559	12.559	0.000	99	317140	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
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	96	150948	20.0	20.9	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 137 Xylenes, Total	100				0		40.0	42.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.4	
S 140 Total BTEX	1				0		100.0	105.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

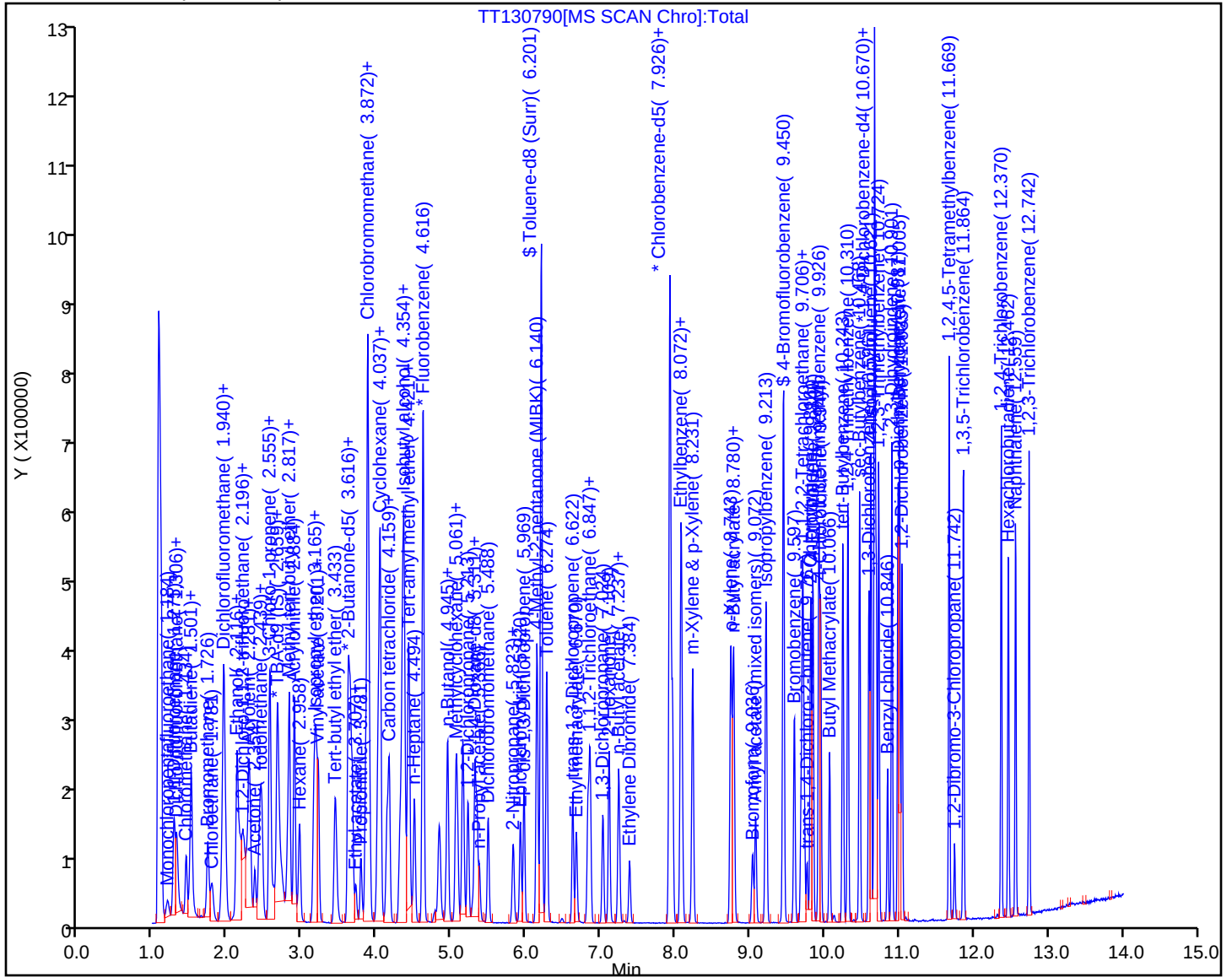
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

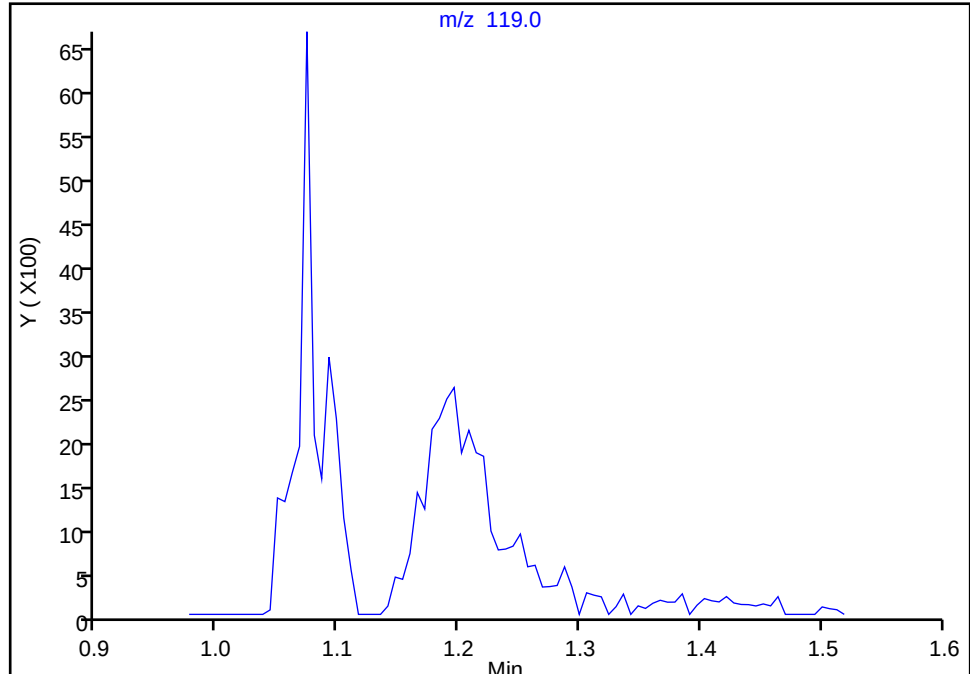
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

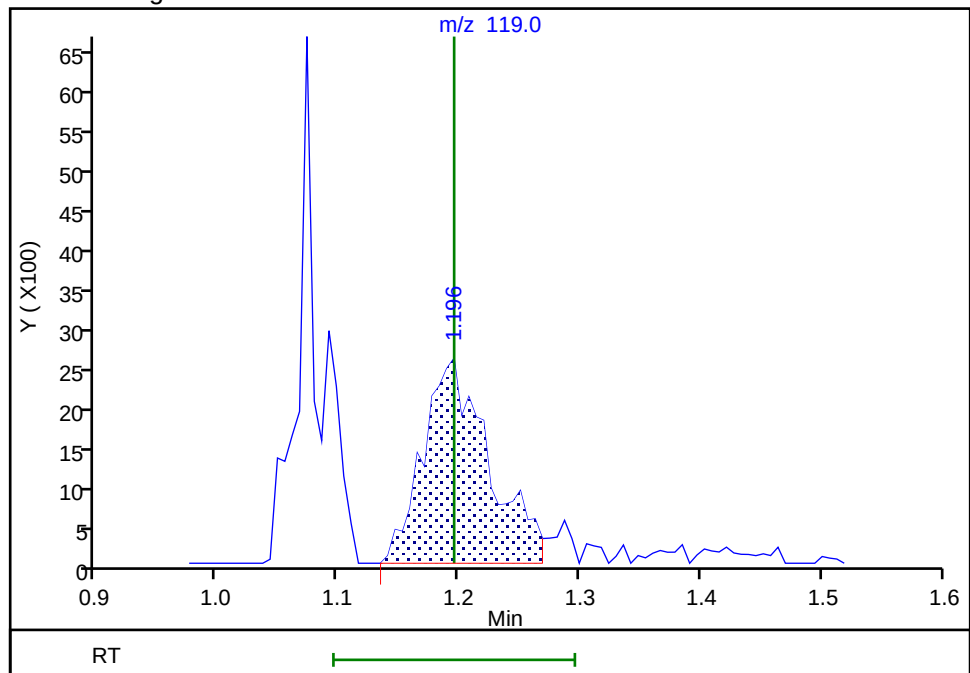
Not Detected

Expected RT: 1.20

Processing Integration Results



Manual Integration Results



RT: 1.20
Area: 9775
Amount: 19.766510
Amount Units: ug/l

Reviewer: desais, 03-Oct-2020 13:27:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

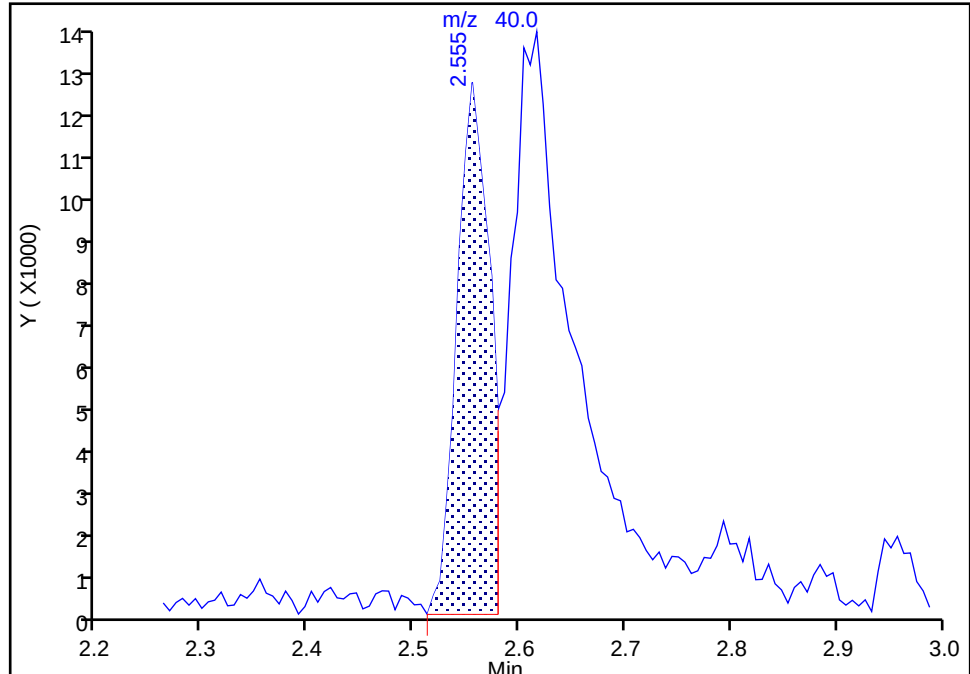
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

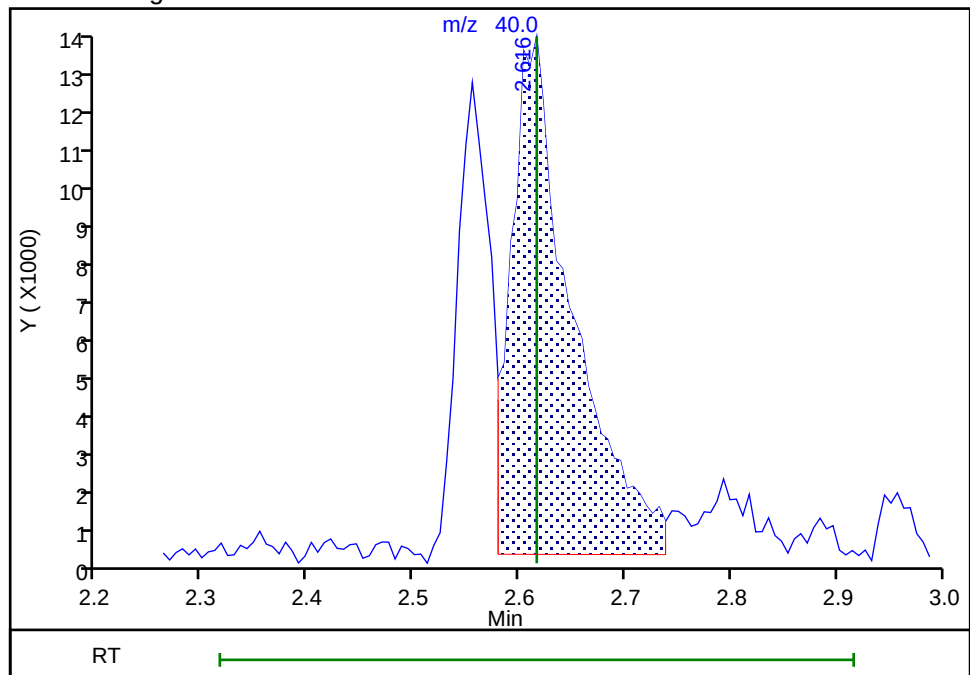
RT: 2.56
Area: 25069
Amount: 175.3019
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 50585
Amount: 260.4527
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 21:07:12

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

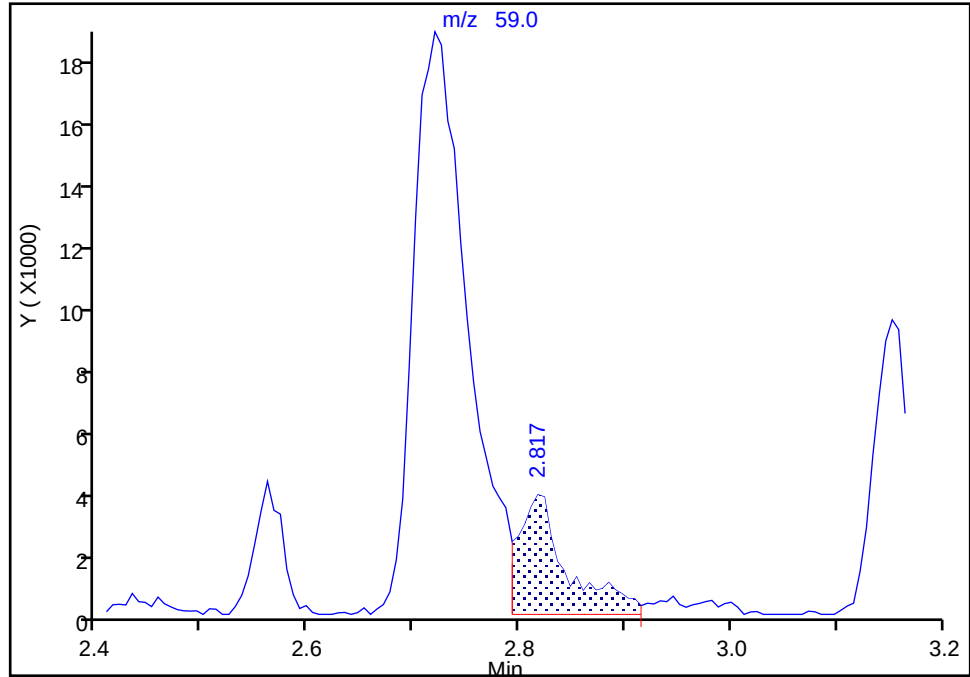
Detector: MS Quad

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

Signal: 1

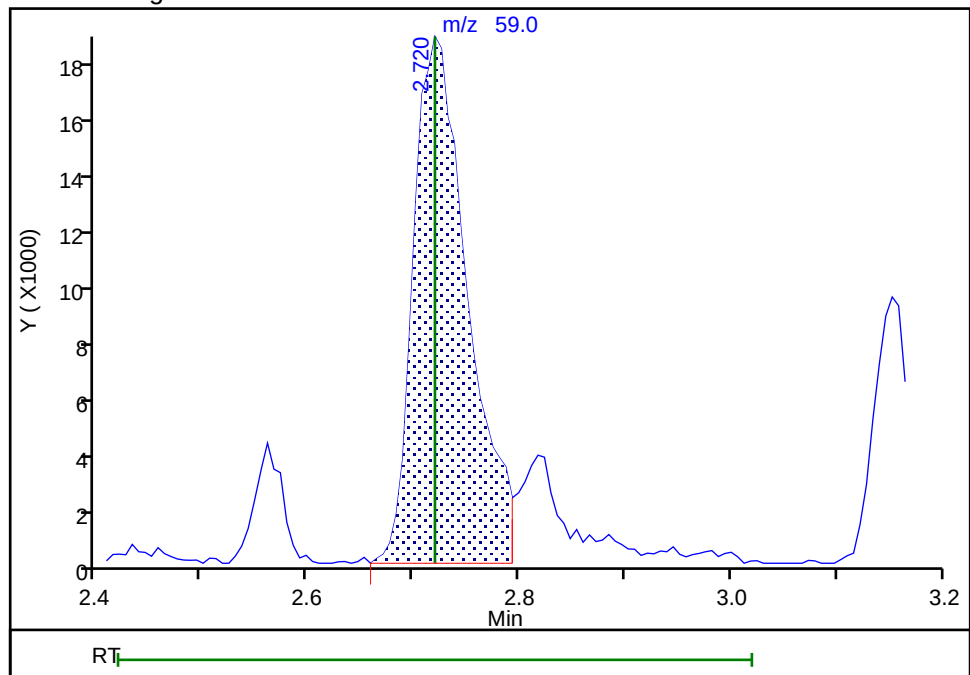
RT: 2.82
Area: 12425
Amount: 58.492701
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 67582
Amount: 176.4093
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:28:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

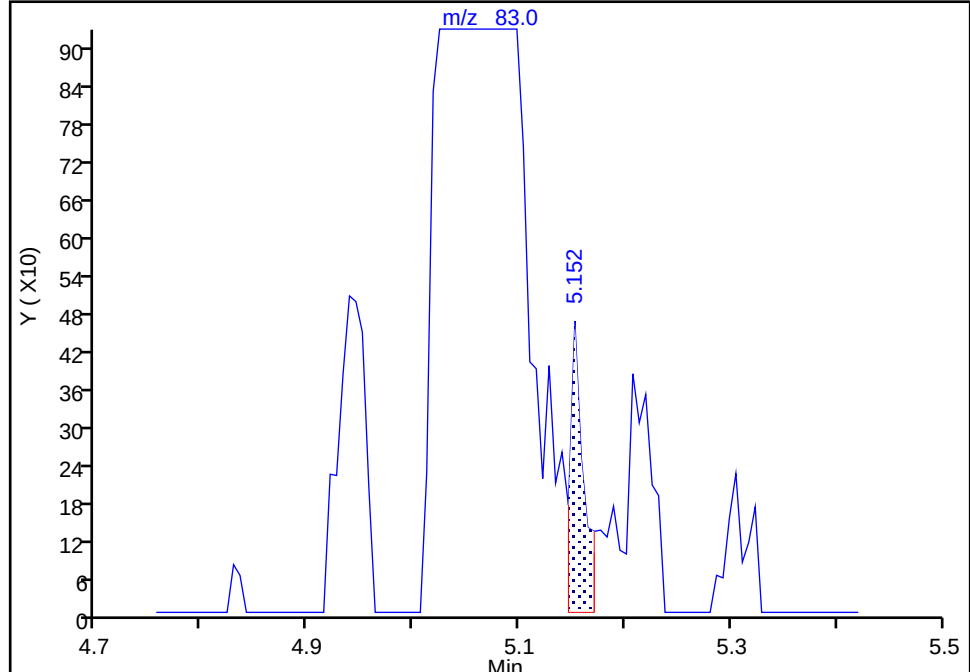
Detector MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

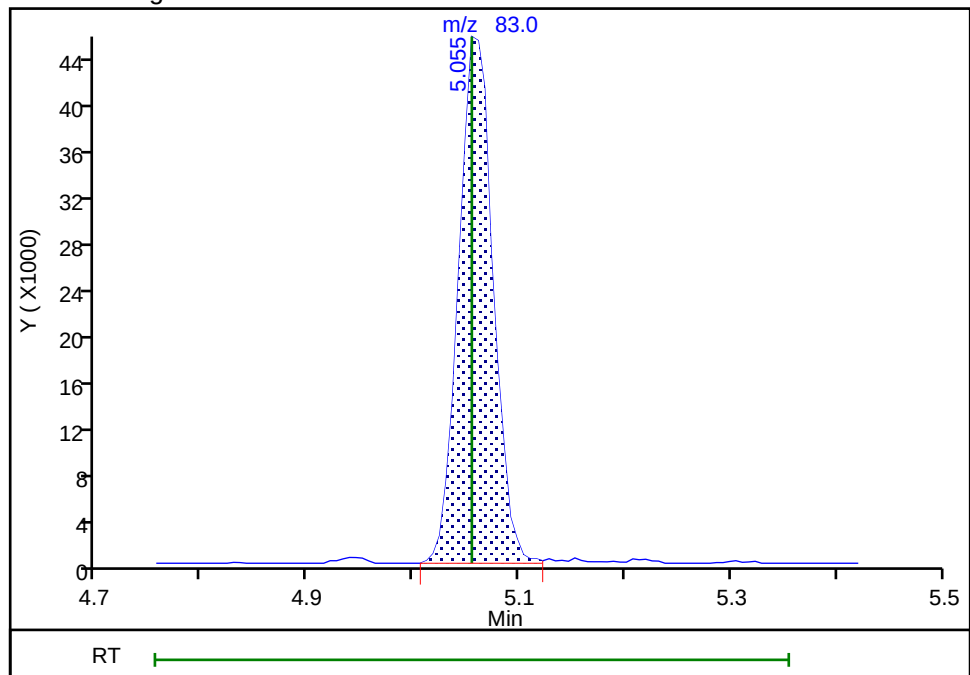
RT: 5.15
Area: 419
Amount: 0.102262
Amount Units: ug/l

Processing Integration Results



RT: 5.05
Area: 103299
Amount: 18.598761
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:28:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

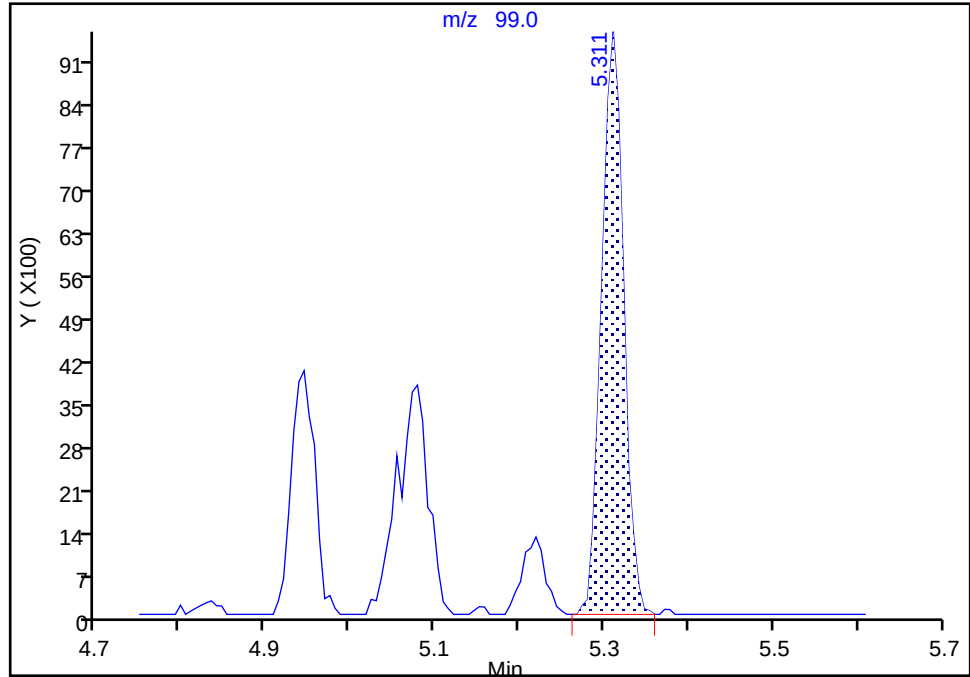
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

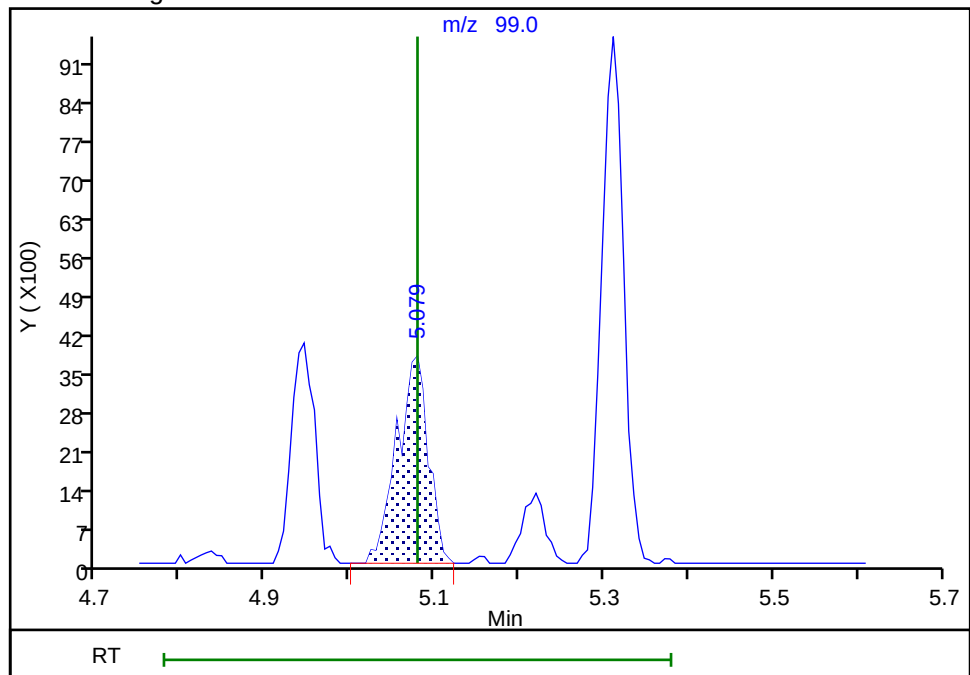
RT: 5.31
Area: 17368
Amount: 19.998399
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 9598
Amount: 21.126260
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:28:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130790.D

Injection Date: 03-Oct-2020 13:08:30

Instrument ID: CVOAMS17

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

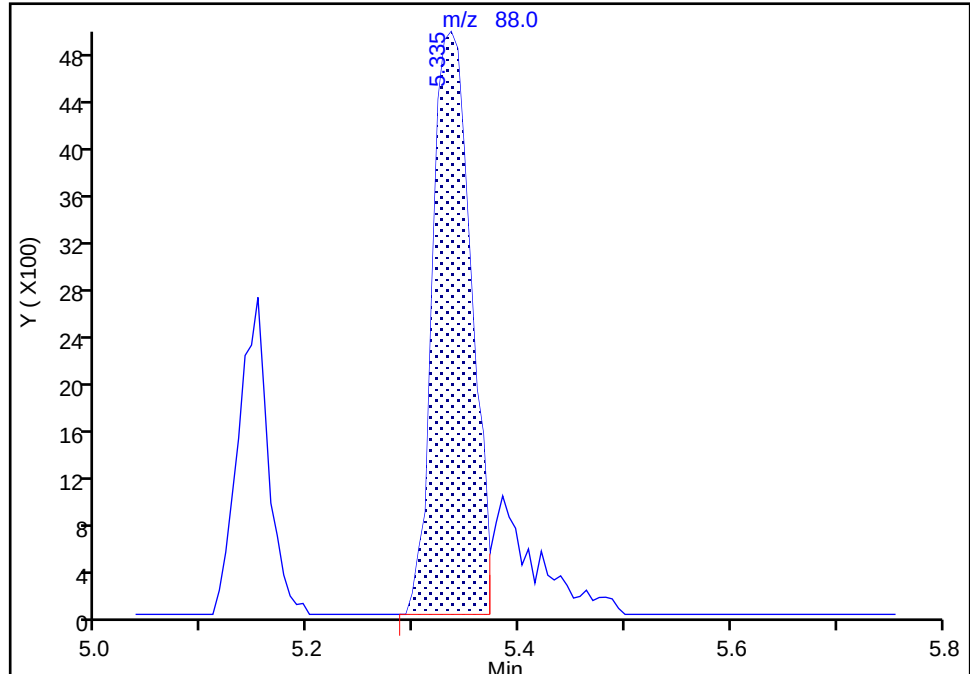
Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

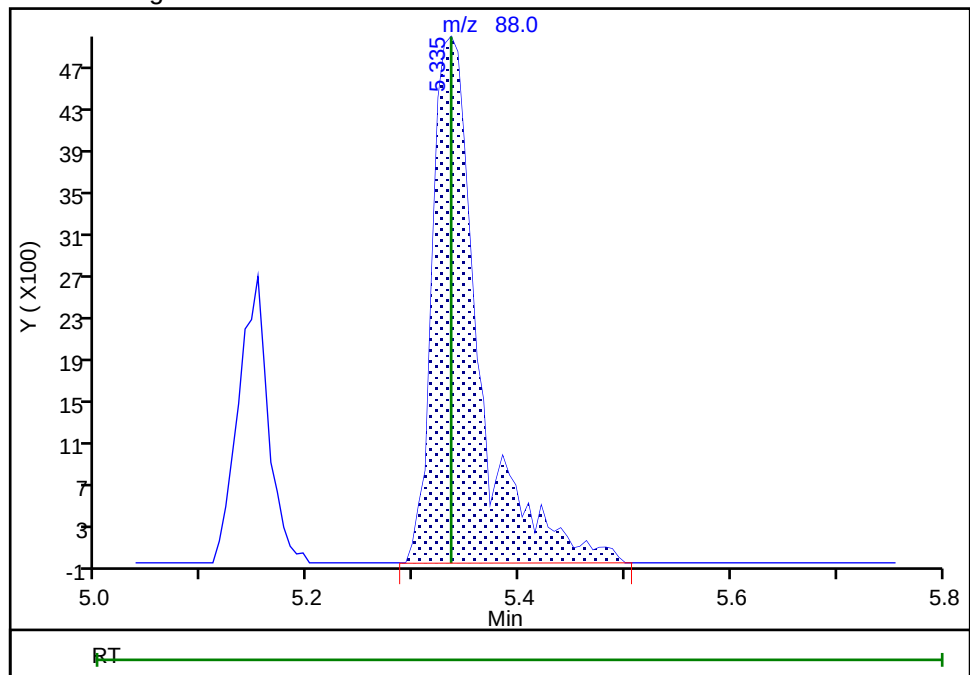
RT: 5.34
Area: 12557
Amount: 328.0697
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 15300
Amount: 389.7588
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:39:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 03-Oct-2020 13:29:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0117768-008
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:44:34 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 13:51:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.184	1.196	-0.012	85	29328	50.0	62.5	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	96	187438	50.0	52.1	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	57	89475	50.0	54.0	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	98	346434	50.0	54.6	
5 Chlorodifluoromethane	51	1.312	1.306	0.006	99	292365	50.0	53.8	
6 Chloromethane	50	1.434	1.434	0.000	98	263096	50.0	52.5	
8 Butadiene	54	1.501	1.501	0.000	97	213855	50.0	49.7	
7 Vinyl chloride	62	1.507	1.507	0.000	98	266531	50.0	52.6	
9 Bromomethane	94	1.726	1.726	0.000	98	216427	50.0	55.0	
10 Chloroethane	64	1.775	1.787	-0.012	100	146608	50.0	49.7	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	99	404293	50.0	53.3	
12 Trichlorofluoromethane	101	1.940	1.940	0.000	98	377667	50.0	54.7	
13 Pentane	72	1.946	1.952	-0.006	94	56505	100.0	110.3	
14 Ethanol	46	2.104	2.092	0.012	74	27490	2000.0	2201.8	
15 Ethyl ether	74	2.104	2.104	0.000	96	89274	50.0	52.8	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	98	144497	50.0	53.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	86	176616	50.0	53.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.208	-0.006	91	259888	50.0	55.4	
19 Acrolein	56	2.257	2.257	0.000	93	33896	100.0	104.4	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.269	0.000	95	187058	50.0	53.4	
21 1,1-Dichloroethene	96	2.281	2.287	-0.006	98	172314	50.0	52.1	
22 Acetone	43	2.360	2.354	0.006	86	227689	250.0	233.5	
23 Iodomethane	142	2.415	2.415	0.000	99	379749	50.0	54.9	
25 Isopropyl alcohol	45	2.433	2.433	0.000	36	91350	500.0	516.6	
24 Carbon disulfide	76	2.446	2.446	0.000	100	676047	50.0	53.6	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	86	102046	50.0	55.2	
27 Methyl acetate	43	2.561	2.561	0.000	97	201387	100.0	101.6	
28 Cyclopentene	67	2.561	2.567	-0.006	93	375322	50.0	52.4	
29 Acetonitrile	40	2.610	2.616	-0.006	96	110966	500.0	610.9	Ma
* 31 TBA-d9 (IS)	66	2.659	2.665	-0.006	80	47992	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	2.659	2.665	-0.006	90	199247	50.0	49.5	a
32 2-Methyl-2-propanol	59	2.726	2.720	0.006	97	188988	500.0	527.2	
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	467847	50.0	53.3	
34 trans-1,2-Dichloroethene	96	2.824	2.824	0.000	95	178436	50.0	52.3	
35 Acrylonitrile	53	2.891	2.891	0.000	93	560386	500.0	546.1	
36 Hexane	57	2.958	2.958	0.000	90	181161	50.0	54.7	
37 Isopropyl ether	45	3.153	3.153	0.000	92	465322	50.0	54.7	
38 1,1-Dichloroethane	63	3.171	3.177	-0.006	99	305801	50.0	54.8	
39 Vinyl acetate	86	3.189	3.189	0.000	99	57466	100.0	125.8	
40 2-Chloro-1,3-butadiene	88	3.214	3.208	0.006	93	149013	50.0	56.0	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	89	474653	50.0	56.5	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	94	277700	250.0	250.0	
43 2,2-Dichloropropane	97	3.628	3.616	0.012	93	58585	50.0	54.2	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	98	190924	50.0	52.9	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	97	87000	250.0	244.8	
46 Ethyl acetate	70	3.665	3.671	-0.006	96	31572	100.0	111.3	
47 Methyl acrylate	55	3.714	3.707	0.007	100	123265	50.0	53.6	
48 Propionitrile	54	3.781	3.781	0.000	97	207591	500.0	499.5	
49 Chlorobromomethane	128	3.842	3.842	0.000	78	106735	50.0	55.1	
50 Tetrahydrofuran	72	3.848	3.848	0.000	53	37827	100.0	101.1	
51 Methacrylonitrile	67	3.872	3.872	0.000	90	607451	500.0	539.3	
52 Chloroform	83	3.896	3.896	0.000	98	314459	50.0	53.6	
53 Cyclohexane	84	4.012	4.006	0.006	89	253378	50.0	54.8	
54 1,1,1-Trichloroethane	97	4.025	4.024	0.001	98	318931	50.0	52.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	187253	50.0	50.6	
56 Carbon tetrachloride	117	4.134	4.128	0.006	98	273821	50.0	52.1	
57 1,1-Dichloropropene	75	4.159	4.159	0.000	95	217765	50.0	53.5	
58 Isobutyl alcohol	43	4.299	4.299	0.000	95	222253	1250.0	1224.9	
59 Isooctane	57	4.323	4.323	0.000	99	537620	50.0	55.5	
60 Benzene	78	4.342	4.341	0.001	98	614529	50.0	51.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	96	220452	50.0	49.9	
62 Tert-amyl methyl ether	73	4.415	4.415	0.000	79	562308	50.0	56.6	
63 Isopropyl acetate	61	4.421	4.421	0.000	91	74985	50.0	54.2	
64 1,2-Dichloroethane	62	4.433	4.433	0.000	98	246574	50.0	51.6	
65 n-Heptane	100	4.500	4.500	0.000	88	40022	50.0	53.3	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	594104	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	87	83525	1250.0	1206.3	
68 Trichloroethene	95	4.945	4.945	0.000	96	169670	50.0	51.2	
69 Methylcyclohexane	83	5.061	5.055	0.006	94	281568	50.0	54.0	
70 Ethyl acrylate	99	5.079	5.079	0.000	97	23151	50.0	53.9	
71 1,2-Dichloropropane	63	5.219	5.219	0.000	84	143937	50.0	55.0	
* 72 1,4-Dioxane-d8	96	5.280	5.274	0.006	87	29061	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	86	82358	100.0	111.3	
74 Dibromomethane	93	5.335	5.335	0.000	93	109236	50.0	52.9	
75 1,4-Dioxane	88	5.335	5.335	0.000	34	38558	1000.0	1139.8	Ma
76 n-Propyl acetate	43	5.372	5.366	0.006	98	175169	50.0	53.3	
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	231658	50.0	52.7	
78 2-Nitropropane	41	5.817	5.817	0.000	88	76344	100.0	106.8	
79 2-Chloroethyl vinyl ether	63	5.823	5.829	-0.006	82	83393	50.1	52.9	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	290512	1000.0	1086.2	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	254797	50.0	52.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	652203	250.0	275.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	622091	50.0	51.0	
84 Toluene	91	6.274	6.274	0.000	94	646016	50.0	52.6	
85 trans-1,3-Dichloropropene	75	6.622	6.622	0.000	97	239541	50.0	51.3	
86 Ethyl methacrylate	69	6.670	6.670	0.000	89	174732	50.0	56.8	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	113186	50.0	52.1	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	191958	50.0	50.7	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	93	226259	50.0	53.2	
90 2-Hexanone	43	7.109	7.109	0.000	95	396226	250.0	269.5	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	180168	50.0	52.7	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	178714	50.0	54.6	
93 Ethylene Dibromide	107	7.384	7.384	0.000	99	146582	50.0	53.4	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	85	448572	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	448902	50.0	52.6	
96 Ethylbenzene	106	8.073	8.072	0.000	98	239431	50.0	55.7	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	93	201693	50.0	54.6	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	97	290093	50.0	56.2	
99 o-Xylene	106	8.743	8.743	0.000	94	308417	50.0	55.5	
100 n-Butyl acrylate	73	8.767	8.767	0.000	96	108792	50.0	57.6	
101 Styrene	104	8.780	8.780	0.000	95	470546	50.0	58.5	
102 Bromoform	173	9.036	9.036	0.000	97	126067	50.0	52.7	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	222797	50.0	56.3	
104 Isopropylbenzene	105	9.213	9.213	0.001	96	852196	50.0	57.3	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	214362	50.0	49.0	
106 Bromobenzene	156	9.597	9.597	0.000	91	213082	50.0	54.4	
107 1,1,2,2-Tetrachloroethane	83	9.688	9.682	0.006	96	181623	50.0	53.3	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	917220	50.0	56.8	
109 1,2,3-Trichloropropane	110	9.731	9.731	0.000	95	59757	50.0	55.9	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	88	45590	50.0	56.3	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	636240	50.0	57.0	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	773986	50.0	57.8	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	709576	50.0	58.7	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	606183	50.0	54.8	
115 Butyl Methacrylate	87	10.066	10.066	0.000	92	183598	50.0	51.8	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	618147	50.0	57.3	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	734310	50.0	59.2	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	935101	50.0	57.9	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	96	402409	50.0	53.1	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	829500	50.0	59.7	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	254646	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	398381	50.0	52.5	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	758094	50.0	57.7	
124 Benzyl chloride	91	10.846	10.846	0.000	99	312775	50.0	54.4	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	698742	50.0	54.9	
126 p-Diethylbenzene	119	10.987	10.987	0.000	93	423816	50.0	56.5	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	400526	50.0	56.4	
128 1,2-Dichlorobenzene	146	11.041	11.035	0.006	97	401241	50.0	54.0	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	868359	50.0	57.5	
130 1,2-Dibromo-3-Chloropropane	157	11.743	11.742	0.001	96	54597	50.0	55.5	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	409917	50.0	54.6	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	407878	50.0	53.7	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	97	207621	50.0	54.3	
134 Naphthalene	128	12.559	12.559	0.000	99	828994	50.0	57.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	96	381883	50.0	55.8	
S 136 1,2-Dichloroethene, Total	100				0		100.0	105.3	
S 137 Xylenes, Total	100				0		100.0	111.7	
S 138 Total 1,2-dichloroethene	1				0			105.3	
S 139 1,3-Dichloropropene, Total	1				0		100.0	104.0	
S 140 Total BTEX	1				0		250.0	271.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 50.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 50.00	Units: uL	
524freon_00028	Amount Added: 50.00	Units: uL	
ACROLEIN W_00113	Amount Added: 10.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D

Injection Date: 03-Oct-2020 13:29:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

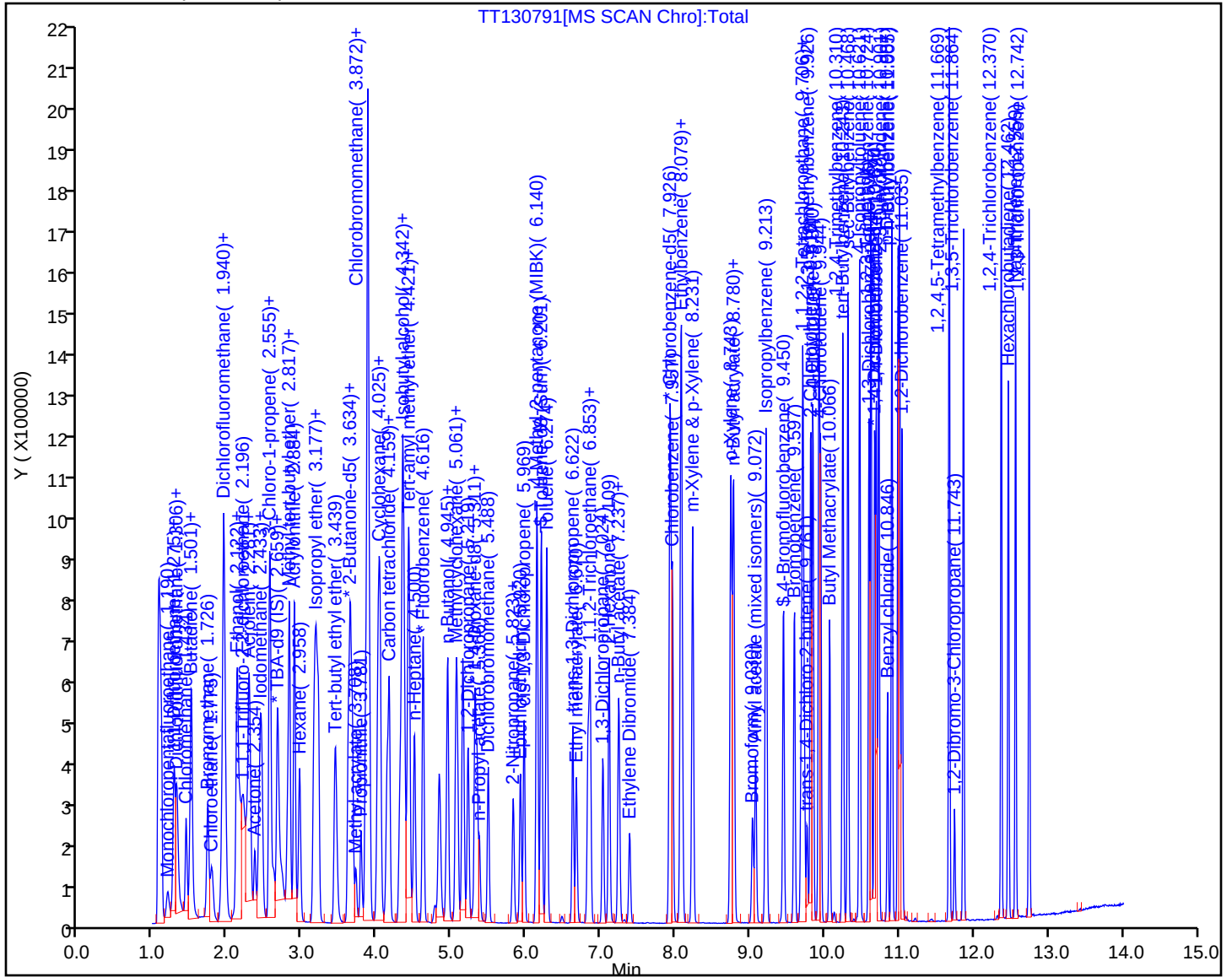
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D

Injection Date: 03-Oct-2020 13:29:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

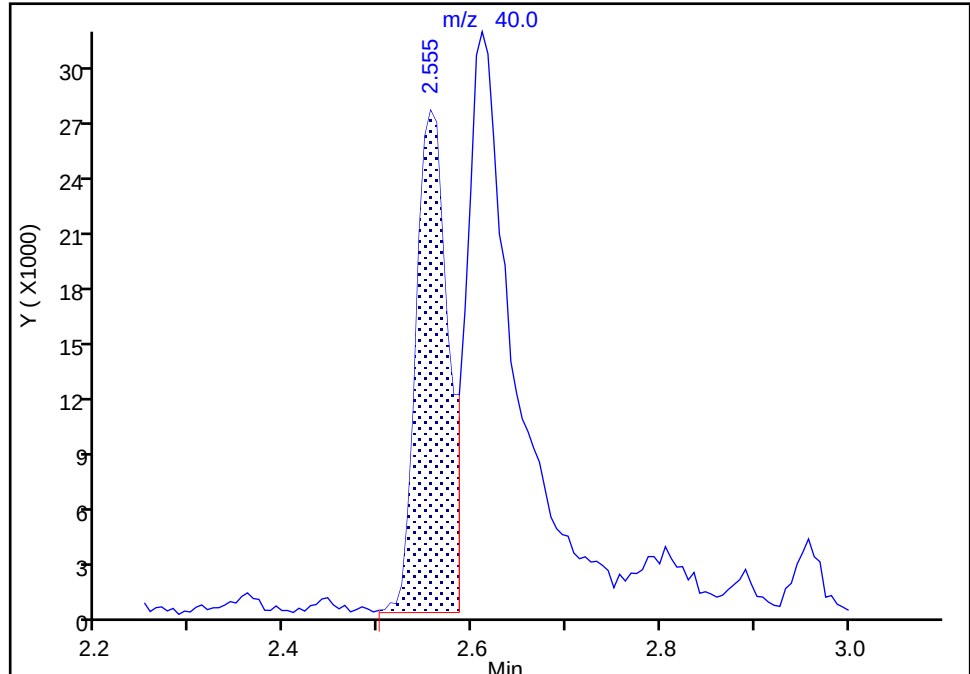
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

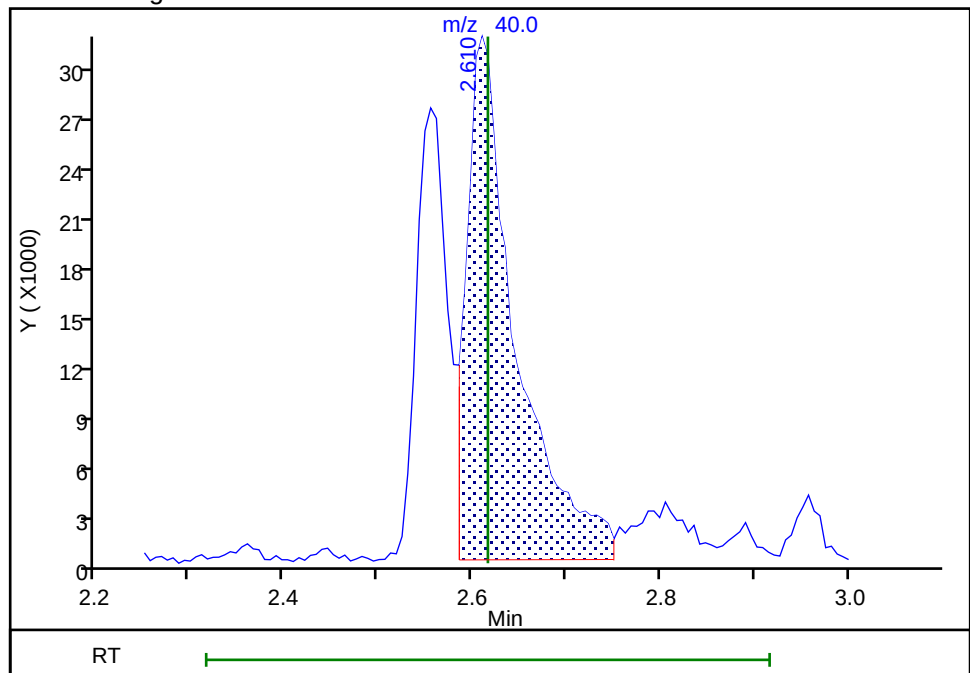
RT: 2.56
Area: 63241
Amount: 309.3183
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 110966
Amount: 610.8839
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:42:24

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D

Injection Date: 03-Oct-2020 13:29:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

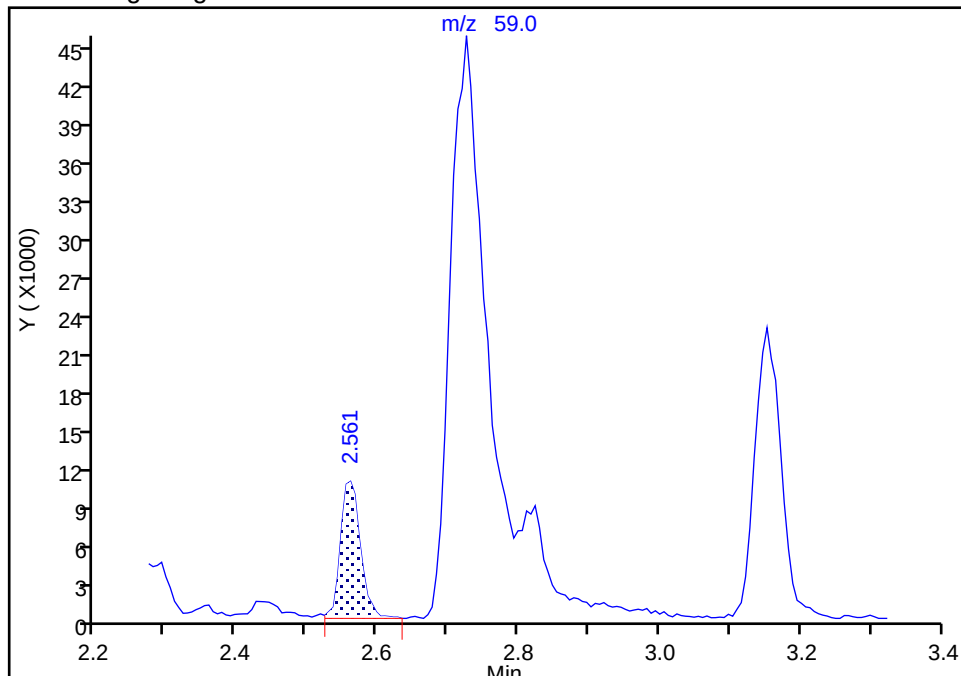
MS Quad

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

Signal: 1

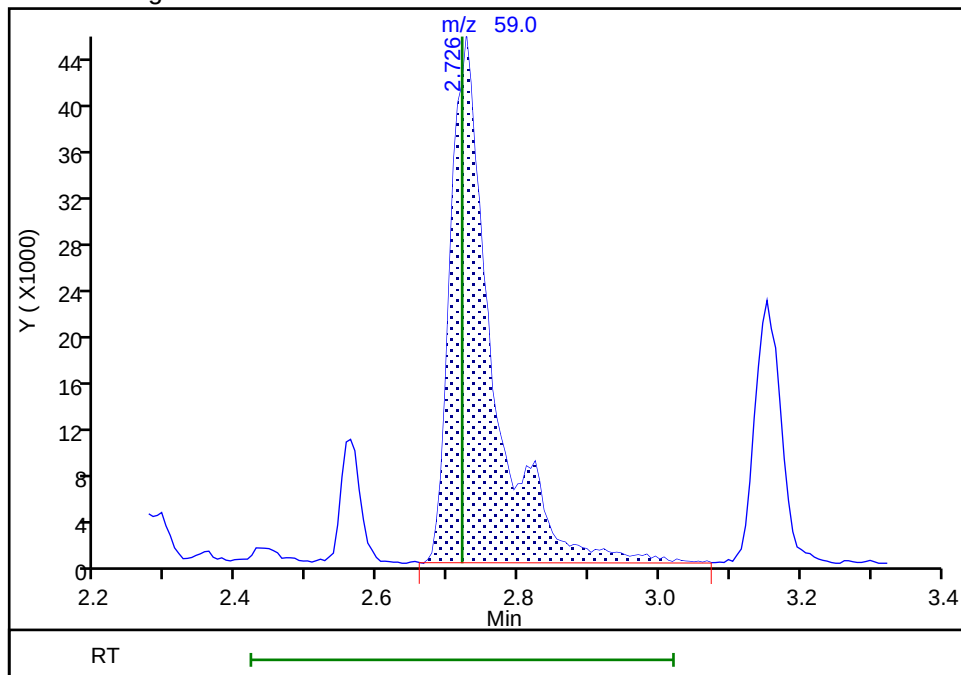
RT: 2.56
Area: 21197
Amount: 68.967691
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 188988
Amount: 527.1646
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 13:51:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D

Injection Date: 03-Oct-2020 13:29:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

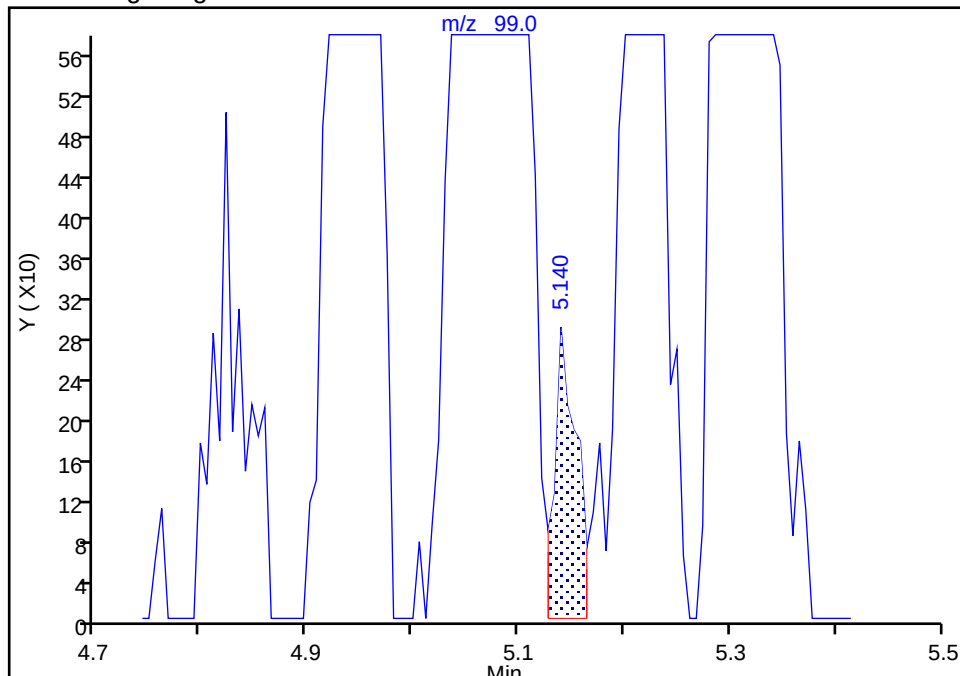
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

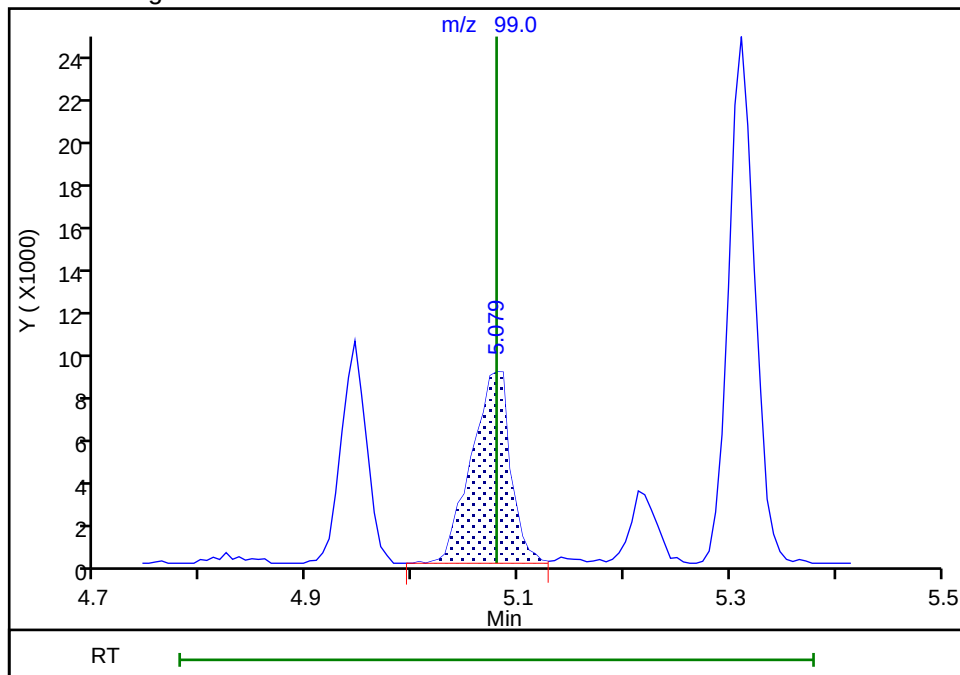
RT: 5.14
Area: 419
Amount: 1.396547
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 23151
Amount: 53.882965
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 03-Oct-2020 14:03:09

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130791.D

Injection Date: 03-Oct-2020 13:29:30

Instrument ID: CVOAMS17

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

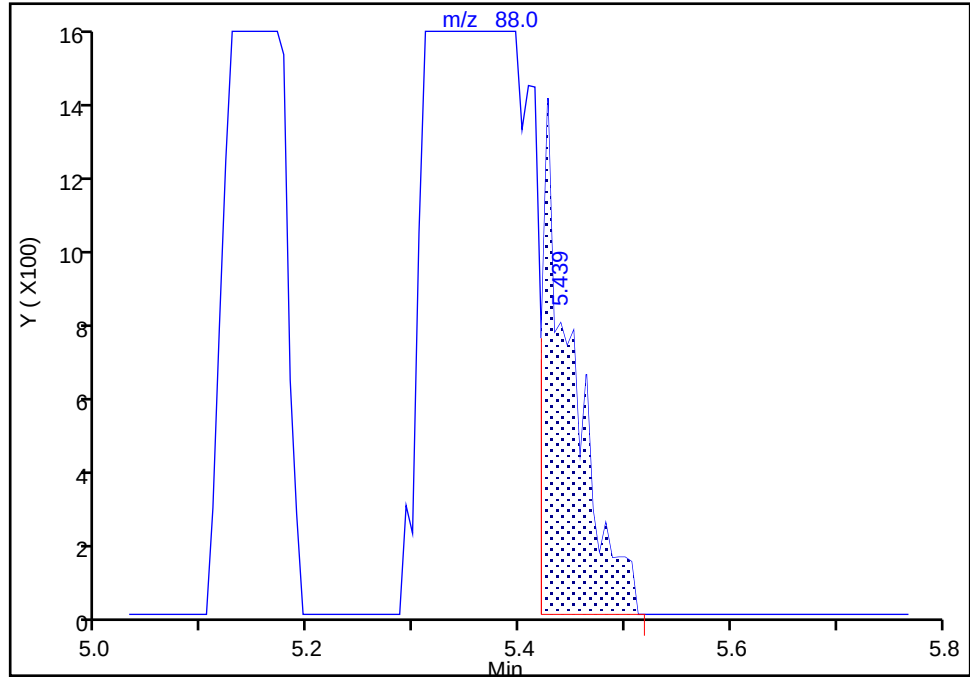
MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

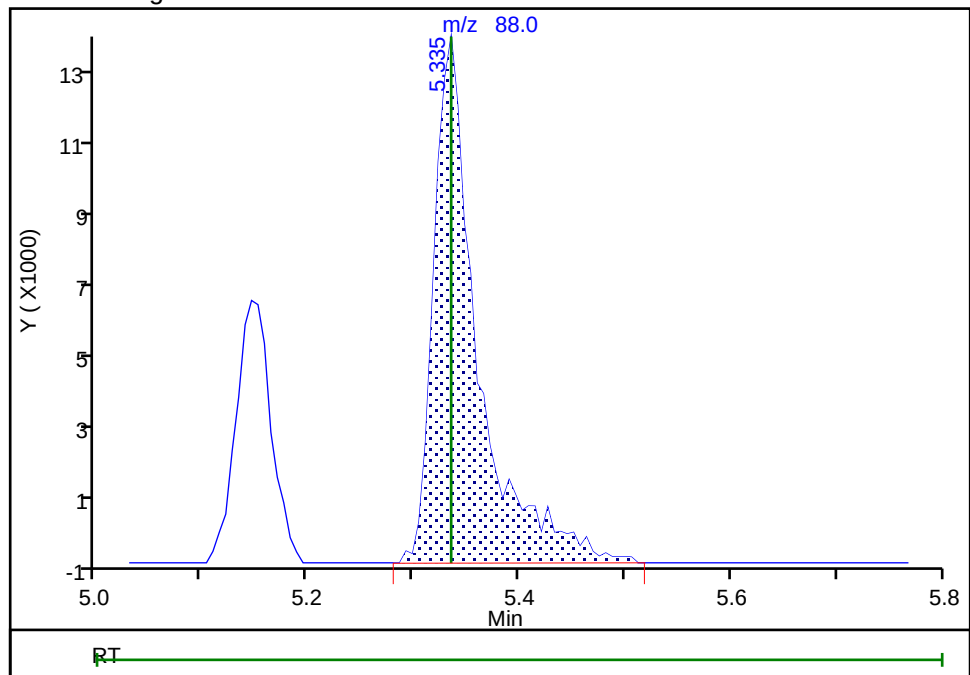
RT: 5.44
Area: 2765
Amount: 114.6664
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 38558
Amount: 1139.7819
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:38:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 03-Oct-2020 13:51:30 ALS Bottle#: 8 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0117768-009
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:44:55 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 04-Oct-2020 09:49:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	62	102016	200.0	195.7	
2 1,1-Difluoroethane	51	1.275	1.269	0.006	95	720995	200.0	186.6	
3 Chlorotrifluoroethene	116	1.275	1.269	0.006	57	329175	200.0	184.8	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	99	1423197	200.0	208.9	
5 Chlorodifluoromethane	51	1.318	1.306	0.012	100	1039955	200.0	178.3	
6 Chloromethane	50	1.439	1.434	0.005	99	1034312	200.0	192.2	
8 Butadiene	54	1.506	1.501	0.005	97	837021	200.0	181.0	
7 Vinyl chloride	62	1.513	1.507	0.006	98	1057638	200.0	194.3	
9 Bromomethane	94	1.726	1.726	0.000	99	812035	200.0	185.5	
10 Chloroethane	64	1.781	1.787	-0.006	100	556371	200.0	169.5	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	99	1523435	200.0	187.1	
12 Trichlorofluoromethane	101	1.945	1.940	0.005	98	1427349	200.0	192.5	
13 Pentane	72	1.952	1.952	0.000	94	207598	400.0	377.4	
14 Ethanol	46	2.104	2.092	0.012	90	113838	8000.0	7934.6	
15 Ethyl ether	74	2.110	2.104	0.006	94	318774	200.0	175.6	
16 2-Methyl-1,3-butadiene	53	2.128	2.122	0.006	98	554197	200.0	191.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.165	2.159	0.006	86	615526	200.0	172.1	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.214	2.208	0.006	97	886674	200.0	175.9	a
19 Acrolein	56	2.256	2.257	-0.001	95	68342	200.0	192.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.275	2.269	0.006	97	634343	200.0	168.5	a
21 1,1-Dichloroethene	96	2.287	2.287	0.000	98	586585	200.0	165.1	
22 Acetone	43	2.360	2.354	0.006	85	902618	1000.0	831.7	
23 Iodomethane	142	2.415	2.415	0.000	99	1286411	200.0	173.3	
25 Isopropyl alcohol	45	2.439	2.433	0.006	98	332990	2000.0	1724.5	
24 Carbon disulfide	76	2.445	2.446	-0.001	99	2265214	200.0	167.4	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	87	348501	200.0	175.6	
27 Methyl acetate	43	2.561	2.561	0.000	99	704053	400.0	330.9	
28 Cyclopentene	67	2.567	2.567	0.000	94	1405275	200.0	182.6	
29 Acetonitrile	40	2.610	2.616	-0.006	98	393931	2000.0	1947.3	Ma
* 31 TBA-d9 (IS)	66	2.665	2.665	0.000	43	52402	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	2.665	2.665	0.000	90	676702	200.0	156.4	a
32 2-Methyl-2-propanol	59	2.726	2.720	0.006	97	653781	2000.0	1670.2	
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	1607805	200.0	170.6	
34 trans-1,2-Dichloroethene	96	2.823	2.824	-0.001	95	611218	200.0	166.9	
35 Acrylonitrile	53	2.890	2.891	-0.001	93	1905255	2000.0	1728.8	
36 Hexane	57	2.957	2.958	-0.001	90	641087	200.0	180.2	
37 Isopropyl ether	45	3.153	3.153	-0.001	93	1724015	200.0	188.9	
38 1,1-Dichloroethane	63	3.177	3.177	0.000	99	1054333	200.0	175.9	
39 Vinyl acetate	86	3.189	3.189	0.000	99	191315	400.0	376.1	
40 2-Chloro-1,3-butadiene	88	3.213	3.208	0.005	93	544674	200.0	190.4	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	90	1775831	200.0	196.9	
* 42 2-Butanone-d5	46	3.616	3.610	0.006	95	309139	250.0	250.0	
43 2,2-Dichloropropane	97	3.628	3.616	0.012	97	214939	200.0	185.2	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	98	680221	200.0	175.6	
45 2-Butanone (MEK)	72	3.659	3.659	-0.001	97	311495	1000.0	787.2	
46 Ethyl acetate	70	3.671	3.671	0.000	97	119625	400.0	378.8	
47 Methyl acrylate	55	3.713	3.707	0.006	99	456964	200.0	185.0	
48 Propionitrile	54	3.780	3.781	-0.001	97	781932	2000.0	1723.1	
49 Chlorobromomethane	128	3.848	3.842	0.006	75	370303	200.0	178.1	
50 Tetrahydrofuran	72	3.841	3.848	-0.007	72	134798	400.0	323.5	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	2228729	2000.0	1842.3	
52 Chloroform	83	3.896	3.896	0.000	99	1042917	200.0	165.5	
53 Cyclohexane	84	4.012	4.006	0.006	89	905774	200.0	182.3	
54 1,1,1-Trichloroethane	97	4.024	4.024	0.000	98	1095763	200.0	168.9	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	98	190341	50.0	47.9	
56 Carbon tetrachloride	117	4.134	4.128	0.006	98	982002	200.0	174.0	
57 1,1-Dichloropropene	75	4.165	4.159	0.005	96	765830	200.0	175.2	
58 Isobutyl alcohol	43	4.305	4.299	0.006	96	981427	5000.0	4953.9	
59 Isooctane	57	4.329	4.323	0.006	99	2182420	200.0	209.9	
60 Benzene	78	4.341	4.341	0.000	97	2163020	200.0	150.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	95	232517	50.0	49.0	
62 Tert-amyl methyl ether	73	4.414	4.415	-0.001	89	2010935	200.0	188.4	
63 Isopropyl acetate	61	4.421	4.421	0.000	92	276993	200.0	186.4	
64 1,2-Dichloroethane	62	4.433	4.433	0.000	98	821813	200.0	160.3	
65 n-Heptane	100	4.500	4.500	0.000	87	148470	200.0	184.1	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	638067	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	88	383582	5000.0	5073.7	
68 Trichloroethene	95	4.945	4.945	0.000	96	623770	200.0	175.1	
69 Methylcyclohexane	83	5.061	5.055	0.006	95	1075899	200.0	192.1	
70 Ethyl acrylate	99	5.079	5.079	0.000	98	94560	200.0	198.5	
71 1,2-Dichloropropane	63	5.219	5.219	0.000	86	526139	200.0	187.3	
* 72 1,4-Dioxane-d8	96	5.286	5.274	0.012	83	27997	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	85	326840	400.0	411.1	
74 Dibromomethane	93	5.341	5.335	0.006	93	388044	200.0	175.0	
75 1,4-Dioxane	88	5.329	5.335	-0.006	89	135791	4000.0	4166.6	
76 n-Propyl acetate	43	5.372	5.366	0.006	98	675441	200.0	191.3	
77 Dichlorobromomethane	83	5.487	5.488	-0.001	99	857454	200.0	181.6	
78 2-Nitropropane	41	5.817	5.817	0.000	99	331801	400.0	398.0	
79 2-Chloroethyl vinyl ether	63	5.829	5.829	0.000	82	368810	200.5	201.0	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	1128936	4000.0	3791.7	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	93	998615	200.0	172.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	2541645	1000.0	963.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	680615	50.0	46.7	
84 Toluene	91	6.274	6.274	0.000	94	2420087	200.0	165.0	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	97	945778	200.0	169.7	
86 Ethyl methacrylate	69	6.670	6.670	0.000	89	722794	200.0	196.8	
87 1,1,2-Trichloroethane	83	6.829	6.823	0.006	95	441423	200.0	170.1	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	723974	200.0	160.2	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	94	878963	200.0	173.0	
90 2-Hexanone	43	7.109	7.109	0.000	95	1629986	1000.0	996.0	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	761755	200.0	186.6	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	697954	200.0	178.7	
93 Ethylene Dibromide	107	7.383	7.384	-0.001	99	565037	200.0	172.3	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	86	535746	50.0	50.0	
95 Chlorobenzene	112	7.963	7.957	0.006	96	1748176	200.0	171.6	
96 Ethylbenzene	106	8.072	8.072	0.000	98	901304	200.0	175.6	
97 1,1,1,2-Tetrachloroethane	131	8.084	8.085	-0.001	94	731842	200.0	166.0	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	1113602	200.0	180.5	
99 o-Xylene	106	8.743	8.743	0.000	94	1234694	200.0	186.1	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	446445	200.0	197.8	
101 Styrene	104	8.786	8.780	0.006	95	1830651	200.0	190.5	
102 Bromoform	173	9.036	9.036	0.000	98	509685	200.0	178.5	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	925190	200.0	209.8	
104 Isopropylbenzene	105	9.212	9.213	0.000	96	3300064	200.0	185.7	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	253479	50.0	48.5	
106 Bromobenzene	156	9.596	9.597	-0.001	92	817818	200.0	187.4	
107 1,1,2,2-Tetrachloroethane	83	9.688	9.682	0.006	97	702253	200.0	185.1	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	3469625	200.0	193.0	
109 1,2,3-Trichloropropane	110	9.730	9.731	-0.001	97	214524	200.0	180.2	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	92	179281	200.0	193.8	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	2368199	200.0	190.3	
112 4-Ethyltoluene	105	9.846	9.840	0.006	98	2934468	200.0	196.7	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	2655705	200.0	197.2	
114 4-Chlorotoluene	91	9.950	9.944	0.006	98	2161104	200.0	175.4	
115 Butyl Methacrylate	87	10.066	10.066	0.000	92	842212	200.0	199.9	
116 tert-Butylbenzene	119	10.249	10.243	0.006	95	2431296	200.0	202.3	
117 1,2,4-Trimethylbenzene	105	10.316	10.310	0.006	97	2760974	200.0	200.0	
118 sec-Butylbenzene	105	10.468	10.468	0.000	99	3663951	200.0	203.6	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	1502439	200.0	177.9	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	3091674	200.0	199.7	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	283656	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	95	1433007	200.0	169.5	
123 1,2,3-Trimethylbenzene	105	10.730	10.724	0.006	99	2991002	200.0	204.4	
124 Benzyl chloride	91	10.846	10.846	0.000	99	1335213	200.0	208.6	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	2793551	200.0	197.1	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	93	1681060	200.0	201.3	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	1471349	200.0	185.9	
128 1,2-Dichlorobenzene	146	11.041	11.035	0.006	97	1433486	200.0	173.2	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	3843536	200.0	228.6	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	96	221268	200.0	201.8	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	1688767	200.0	201.9	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	1617776	200.0	191.1	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	96	841302	200.0	197.6	
134 Naphthalene	128	12.565	12.559	0.006	99	3213032	200.0	199.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	1461005	200.0	191.5	
S 136 1,2-Dichloroethene, Total	100				0		400.0	342.5	
S 137 Xylenes, Total	100				0		400.0	366.6	
S 138 Total 1,2-dichloroethene	1				0			342.5	
S 139 1,3-Dichloropropene, Total	1				0		400.0	342.4	
S 140 Total BTEX	1				0		1000.0	857.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00113	Amount Added: 20.00	Units: uL	
8FreonHi_00024	Amount Added: 20.00	Units: uL	
MIX I Hi_00130	Amount Added: 20.00	Units: uL	
Ethanol mix_00044	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00103	Amount Added: 20.00	Units: uL	
GAS Hi_00372	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D

Injection Date: 03-Oct-2020 13:51:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 9

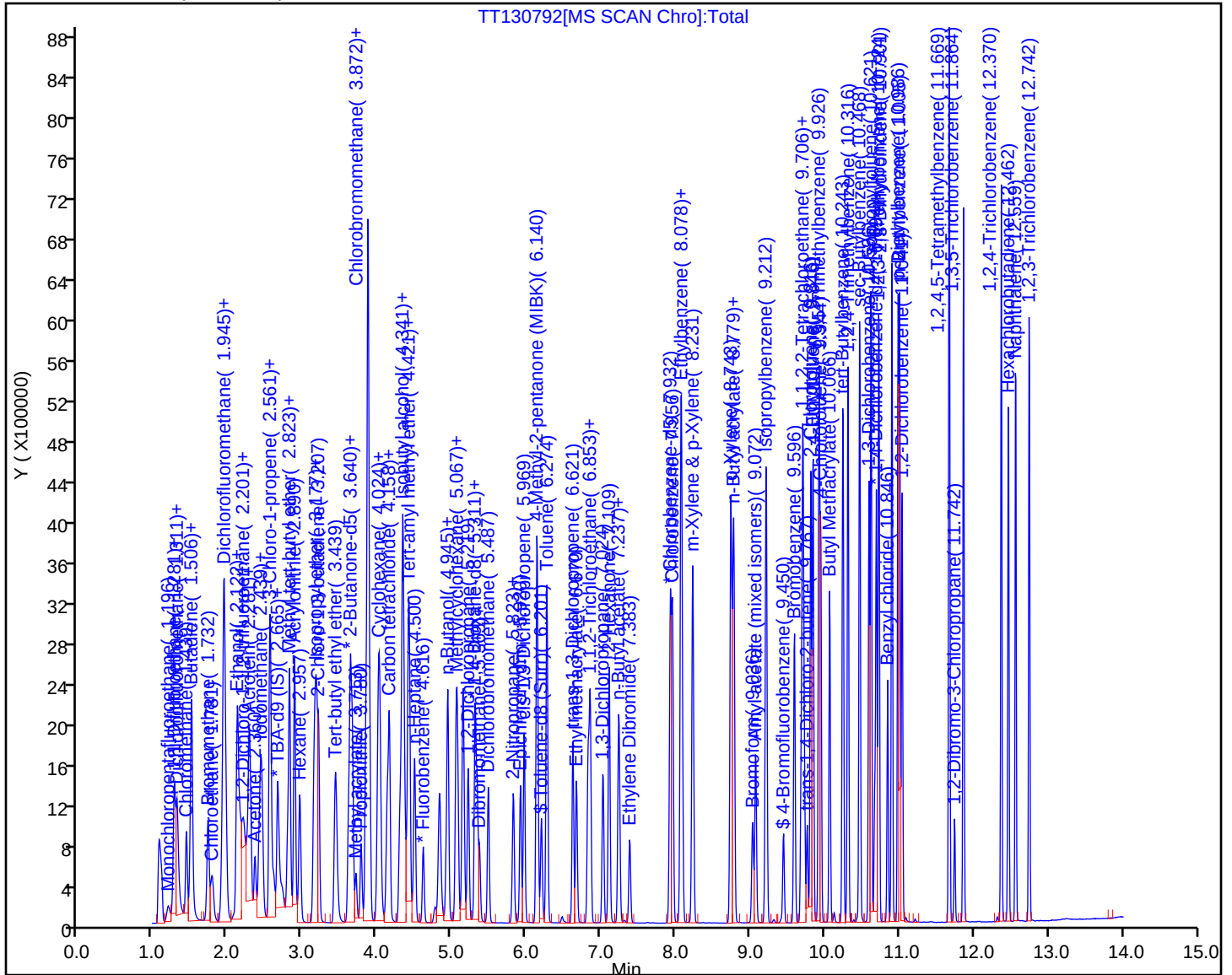
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D

Injection Date: 03-Oct-2020 13:51:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

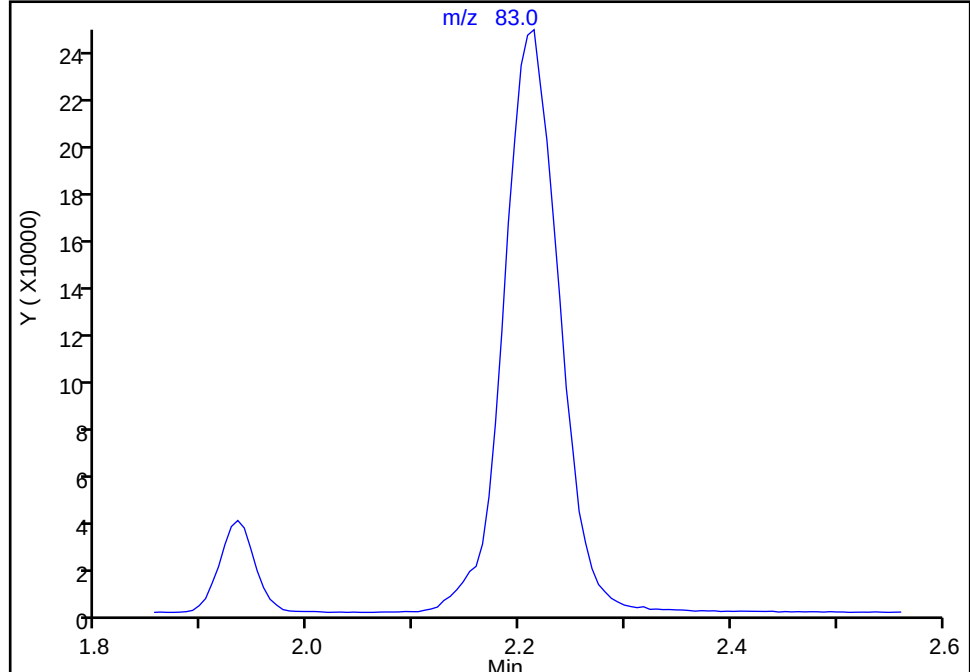
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

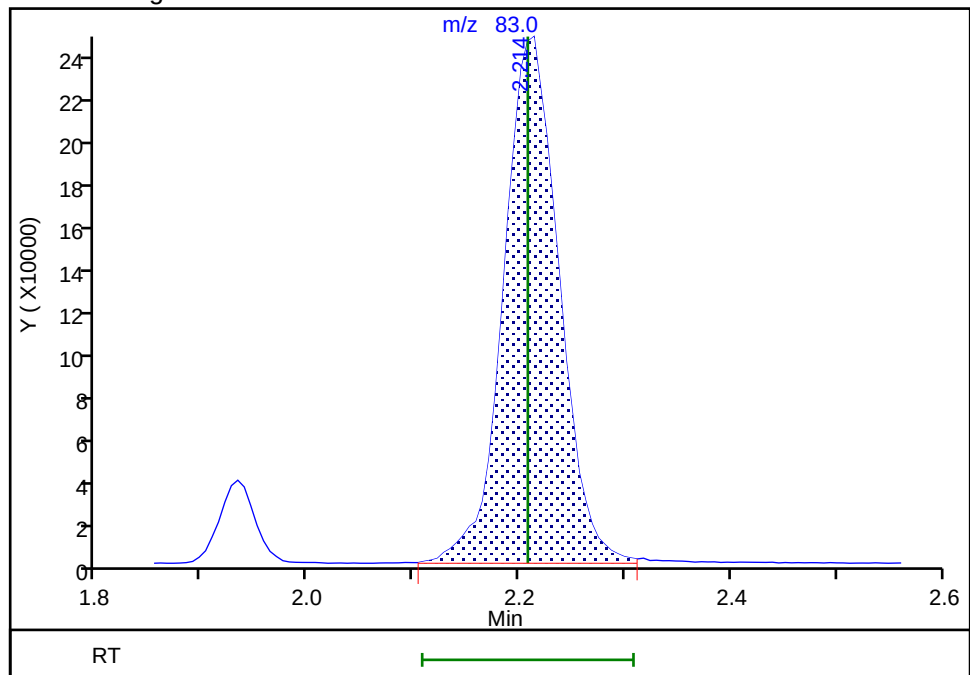
Not Detected

Expected RT: 2.21

Processing Integration Results



Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:48:20

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D

Injection Date: 03-Oct-2020 13:51:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

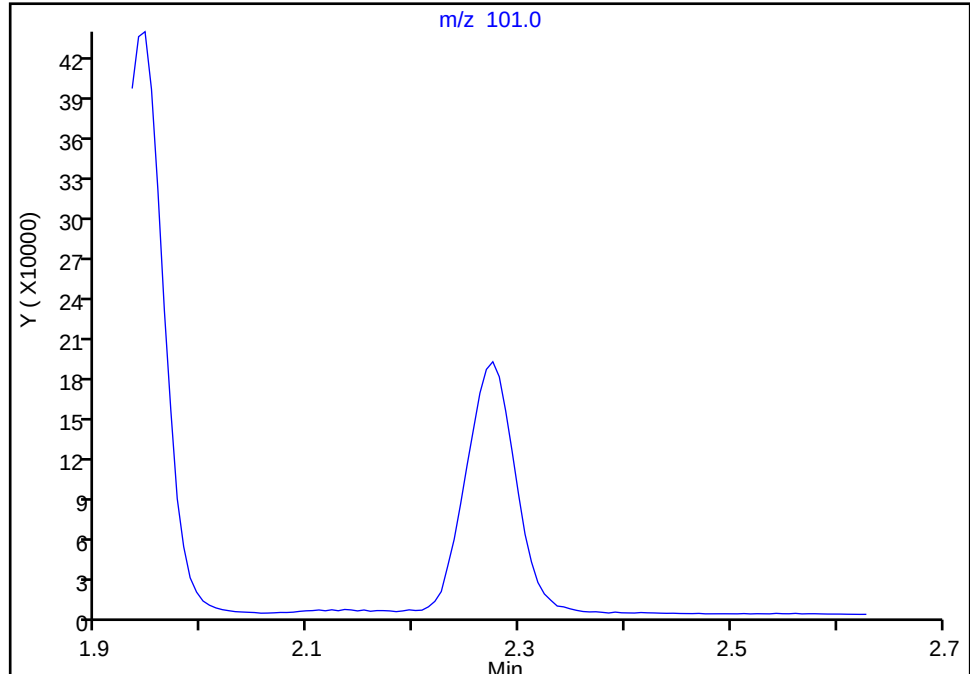
[20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1](#)

Signal: 1

Not Detected

Expected RT: 2.27

Processing Integration Results



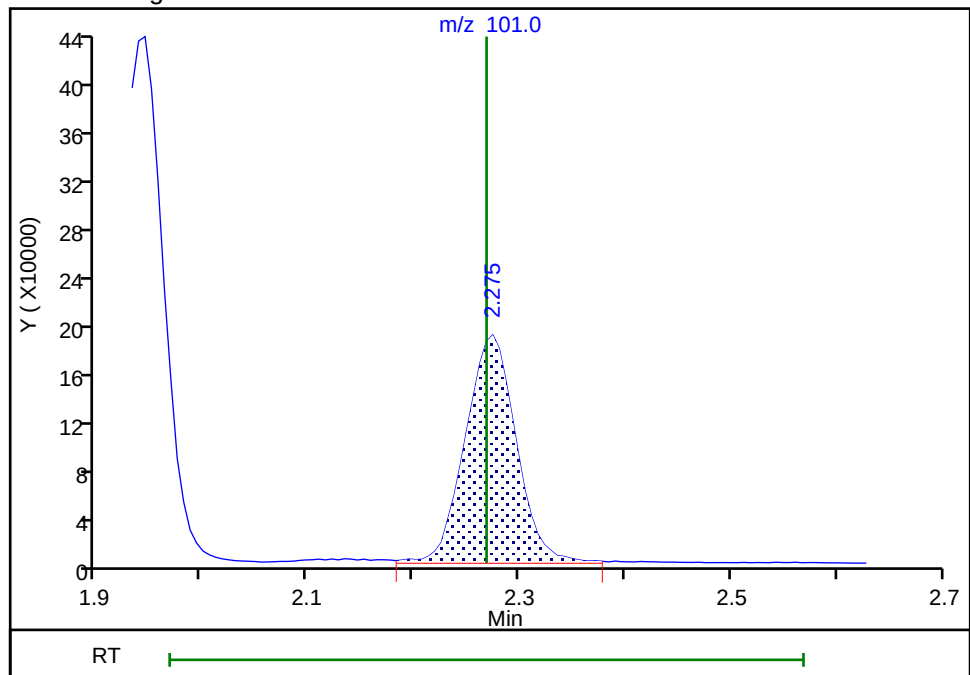
RT: 2.27

Area: 634343

Amount: 168.4949

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:48:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D

Injection Date: 03-Oct-2020 13:51:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

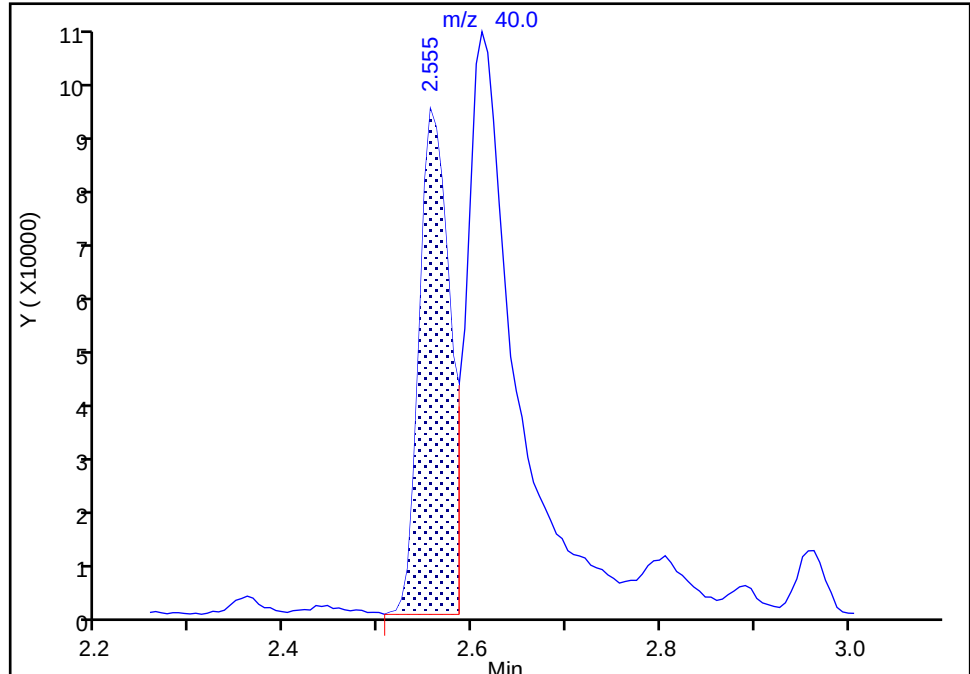
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

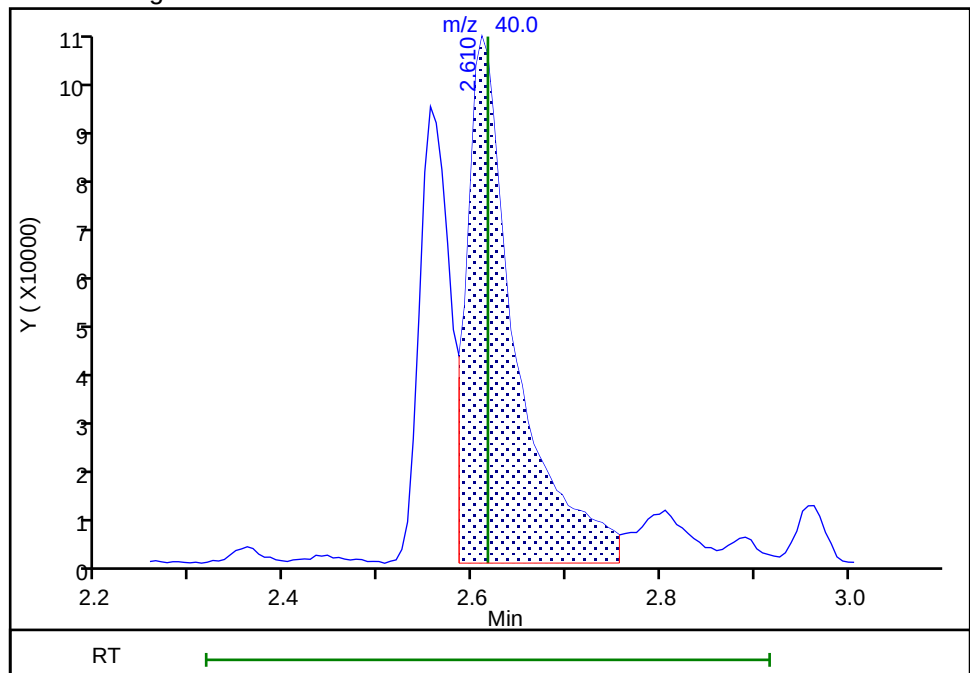
RT: 2.56
Area: 216392
Amount: 1007.1108
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 393931
Amount: 1947.3406
Amount Units: ug/l

Manual Integration Results



Reviewer: baronm, 04-Oct-2020 20:43:06

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130792.D

Injection Date: 03-Oct-2020 13:51:30

Instrument ID: CVOAMS17

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

8

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

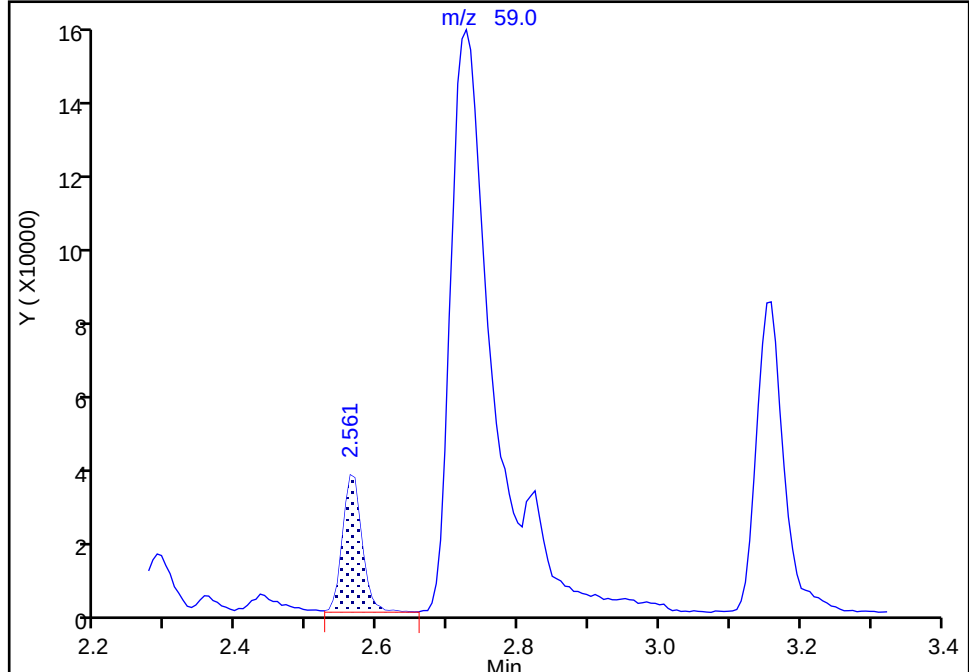
Detector MS Quad

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

Signal: 1

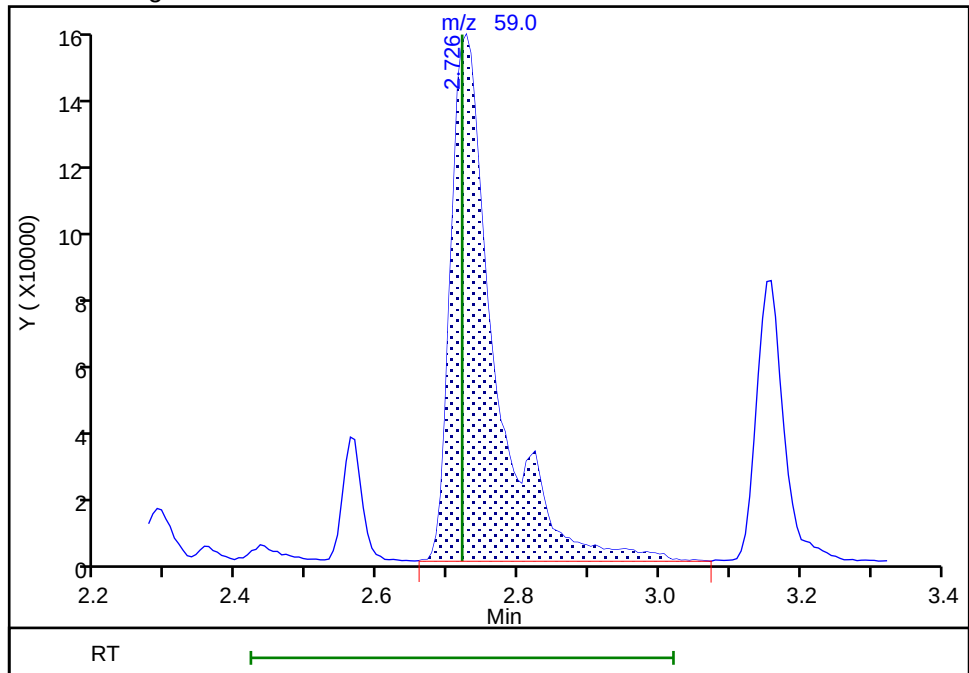
RT: 2.56
Area: 67429
Amount: 194.6866
Amount Units: ug/l

Processing Integration Results



RT: 2.73
Area: 653781
Amount: 1670.1877
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:48:36

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 03-Oct-2020 14:12:30 ALS Bottle#: 9 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0117768-010
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:45:17 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 04-Oct-2020 09:52:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.196	0.006	68	308929	500.0	500.5	
2 1,1-Difluoroethane	51	1.281	1.269	0.012	96	2308433	500.0	543.1	
3 Chlorotrifluoroethene	116	1.275	1.269	0.006	81	1021687	500.0	521.4	
4 Dichlorodifluoromethane	85	1.305	1.293	0.012	99	3855384	500.0	514.2	
5 Chlorodifluoromethane	51	1.318	1.306	0.012	99	2924842	500.0	455.7	
6 Chloromethane	50	1.446	1.434	0.012	99	2811409	500.0	474.7	
8 Butadiene	54	1.507	1.501	0.006	97	2264874	500.0	445.1	
7 Vinyl chloride	62	1.513	1.507	0.006	98	2816004	500.0	470.2	
9 Bromomethane	94	1.732	1.726	0.006	99	2197775	500.0	450.0	
10 Chloroethane	64	1.787	1.787	0.000	100	1515659	500.0	413.7	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	99	3941056	500.0	439.9	
12 Trichlorofluoromethane	101	1.946	1.940	0.006	99	3702776	500.0	453.9	
13 Pentane	72	1.964	1.952	0.012	94	595145	1000.0	983.4	
14 Ethanol	46	2.104	2.092	0.012	79	335331	20000	20007	
15 Ethyl ether	74	2.110	2.104	0.006	95	904504	500.0	452.7	
16 2-Methyl-1,3-butadiene	53	2.128	2.122	0.006	96	1561805	500.0	490.5	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.171	2.159	0.012	88	1822375	500.0	463.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.220	2.208	0.012	95	2582028	500.0	465.6	a
19 Acrolein	56	2.256	2.257	-0.001	93	138986	400.0	370.7	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.275	2.269	0.006	93	1765942	500.0	426.3	a
21 1,1-Dichloroethene	96	2.299	2.287	0.012	98	1711740	500.0	437.9	
22 Acetone	43	2.360	2.354	0.006	86	3032890	2500.0	2504.5	
23 Iodomethane	142	2.427	2.415	0.012	99	3756268	500.0	459.9	
25 Isopropyl alcohol	45	2.439	2.433	0.006	94	967869	5000.0	4740.5	a
24 Carbon disulfide	76	2.458	2.446	0.012	99	6619587	500.0	444.5	
26 3-Chloro-1-propene	76	2.555	2.549	0.006	88	1057188	500.0	484.0	
27 Methyl acetate	43	2.567	2.561	0.006	97	2052077	1000.0	876.5	
28 Cyclopentene	67	2.573	2.567	0.006	90	4004025	500.0	472.9	
29 Acetonitrile	40	2.616	2.616	0.000	97	1131228	5000.0	5007.2	a
* 31 TBA-d9 (IS)	66	2.665	2.665	0.000	33	55408	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	2.677	2.665	0.012	90	2038922	500.0	428.3	
32 2-Methyl-2-propanol	59	2.738	2.720	0.018	98	1949976	5000.0	4711.3	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	4457989	500.0	429.8	
34 trans-1,2-Dichloroethene	96	2.823	2.824	-0.001	94	1770325	500.0	439.4	
35 Acrylonitrile	53	2.897	2.891	0.006	94	5627341	5000.0	4640.5	
36 Hexane	57	2.964	2.958	0.006	91	1925679	500.0	491.9	
37 Isopropyl ether	45	3.159	3.153	0.006	93	4762664	500.0	474.1	
38 1,1-Dichloroethane	63	3.177	3.177	0.000	99	3086817	500.0	468.1	
39 Vinyl acetate	86	3.195	3.189	0.006	99	545392	1000.0	960.8	
40 2-Chloro-1,3-butadiene	88	3.214	3.208	0.006	91	1525556	500.0	484.7	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	89	4898179	500.0	493.5	
* 42 2-Butanone-d5	46	3.616	3.610	0.006	97	344940	250.0	250.0	
43 2,2-Dichloropropane	97	3.634	3.616	0.018	94	644767	500.0	504.9	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	98	2009577	500.0	471.4	
45 2-Butanone (MEK)	72	3.665	3.659	0.006	97	936071	2500.0	2120.0	
46 Ethyl acetate	70	3.671	3.671	0.000	97	328099	1000.0	931.1	
47 Methyl acrylate	55	3.714	3.707	0.007	100	1342931	500.0	494.0	
48 Propionitrile	54	3.787	3.781	0.006	98	2335339	5000.0	4867.2	
49 Chlorobromomethane	128	3.848	3.842	0.006	79	1093910	500.0	478.2	
50 Tetrahydrofuran	72	3.848	3.848	0.000	71	415445	1000.0	893.7	
51 Methacrylonitrile	67	3.884	3.872	0.012	90	6091550	5000.0	4576.1	
52 Chloroform	83	3.903	3.896	0.006	99	2918699	500.0	420.8	
53 Cyclohexane	84	4.018	4.006	0.012	89	2778319	500.0	508.1	
54 1,1,1-Trichloroethane	97	4.031	4.024	0.007	98	3159095	500.0	442.6	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	98	195839	50.0	44.8	
56 Carbon tetrachloride	117	4.140	4.128	0.012	97	2882757	500.0	464.3	
57 1,1-Dichloropropene	75	4.165	4.159	0.006	96	2279262	500.0	473.9	
58 Isobutyl alcohol	43	4.305	4.299	0.006	92	2973039	12500	14193	
59 Isooctane	57	4.335	4.323	0.012	98	6559429	500.0	573.3	a
60 Benzene	78	4.348	4.341	0.007	96	6351724	500.0	382.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.366	4.360	0.006	87	244360	50.0	46.8	
62 Tert-amyl methyl ether	73	4.421	4.415	0.006	90	5389984	500.0	458.9	
63 Isopropyl acetate	61	4.427	4.421	0.006	93	791618	500.0	484.2	
64 1,2-Dichloroethane	62	4.433	4.433	0.000	99	2372068	500.0	420.4	
65 n-Heptane	100	4.500	4.500	0.000	88	448990	500.0	506.1	
* 66 Fluorobenzene	96	4.622	4.616	0.006	99	702101	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	87	1224629	12500	15319	
68 Trichloroethene	95	4.945	4.945	0.000	97	1859655	500.0	474.5	
69 Methylcyclohexane	83	5.067	5.055	0.012	93	3334031	500.0	541.1	
70 Ethyl acrylate	99	5.079	5.079	0.000	98	279504	500.0	500.2	
71 1,2-Dichloropropane	63	5.219	5.219	0.000	86	1599000	500.0	517.4	
* 72 1,4-Dioxane-d8	96	5.286	5.274	0.012	85	31284	1000.0	1000.0	
73 Methyl methacrylate	100	5.317	5.311	0.006	86	962815	1000.0	1100.5	
74 Dibromomethane	93	5.341	5.335	0.006	93	1155646	500.0	473.7	
75 1,4-Dioxane	88	5.335	5.335	0.000	88	423033	10000	11616	
76 n-Propyl acetate	43	5.372	5.366	0.006	98	2022752	500.0	520.5	
77 Dichlorobromomethane	83	5.494	5.488	0.006	99	2635532	500.0	507.2	
78 2-Nitropropane	41	5.817	5.817	0.000	98	1067223	1000.0	1000.2	
79 2-Chloroethyl vinyl ether	63	5.829	5.829	0.000	83	1163966	501.2	499.4	
80 Epichlorohydrin	57	5.926	5.920	0.006	99	3571708	10000	10751	
81 cis-1,3-Dichloropropene	75	5.975	5.969	0.006	93	3021924	500.0	453.4	
82 4-Methyl-2-pentanone (MIBK)	43	6.146	6.140	0.006	95	7495452	2500.0	2546.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	713481	50.0	42.5	
84 Toluene	91	6.274	6.274	0.000	94	7251582	500.0	428.9	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	97	3021228	500.0	470.4	
86 Ethyl methacrylate	69	6.670	6.670	0.000	89	2249752	500.0	531.4	
87 1,1,2-Trichloroethane	83	6.829	6.823	0.006	95	1369398	500.0	457.9	
88 Tetrachloroethene	166	6.859	6.853	0.006	97	2131796	500.0	409.2	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	94	2753683	500.0	470.1	
90 2-Hexanone	43	7.109	7.109	0.000	95	5068048	2500.0	2775.4	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	2286120	500.0	485.9	
92 Chlorodibromomethane	129	7.249	7.243	0.006	98	2135048	500.0	474.2	
93 Ethylene Dibromide	107	7.390	7.384	0.006	99	1807842	500.0	478.2	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	87	617503	50.0	50.0	
95 Chlorobenzene	112	7.963	7.957	0.006	95	5288631	500.0	450.3	
96 Ethylbenzene	106	8.079	8.072	0.007	98	2724430	500.0	460.4	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	95	2116166	500.0	416.4	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	3470083	500.0	488.0	
99 o-Xylene	106	8.743	8.743	0.000	95	3887128	500.0	508.3	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	1321692	500.0	508.0	
101 Styrene	104	8.786	8.780	0.006	96	5607001	500.0	506.1	
102 Bromoform	173	9.036	9.036	0.000	98	1717957	500.0	521.9	
103 Amyl acetate (mixed isomers)	43	9.078	9.072	0.006	91	2883918	500.0	555.6	
104 Isopropylbenzene	105	9.219	9.213	0.007	96	9985172	500.0	487.6	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	298731	50.0	49.6	
106 Bromobenzene	156	9.597	9.597	-0.001	93	2727343	500.0	531.0	
107 1,1,2,2-Tetrachloroethane	83	9.688	9.682	0.006	97	2245368	500.0	502.7	
108 N-Propylbenzene	91	9.712	9.706	0.006	99	10463455	500.0	494.5	
109 1,2,3-Trichloropropane	110	9.731	9.731	0.000	96	636382	500.0	454.1	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	93	571470	500.0	500.5	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	7259732	500.0	495.6	
112 4-Ethyltoluene	105	9.846	9.840	0.006	98	8602900	500.0	489.9	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	8297856	500.0	523.5	
114 4-Chlorotoluene	91	9.950	9.944	0.006	98	6823421	500.0	470.4	
115 Butyl Methacrylate	87	10.072	10.066	0.006	90	2796557	500.0	500.0	
116 tert-Butylbenzene	119	10.249	10.243	0.006	95	7967638	500.0	563.3	
117 1,2,4-Trimethylbenzene	105	10.316	10.310	0.006	97	8582743	500.0	528.1	
118 sec-Butylbenzene	105	10.474	10.468	0.006	98	11638575	500.0	549.2	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	96	4954199	500.0	498.4	
120 4-Isopropyltoluene	119	10.627	10.621	0.006	98	9613915	500.0	527.4	
* 121 1,4-Dichlorobenzene-d4	152	10.676	10.670	0.006	94	333923	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	95	4793411	500.0	481.6	
123 1,2,3-Trimethylbenzene	105	10.730	10.724	0.006	99	8870121	500.0	515.0	
124 Benzyl chloride	91	10.846	10.846	0.000	99	4553754	500.0	604.5	
125 2,3-Dihydroindene	117	10.907	10.901	0.006	95	8535528	500.0	511.5	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	94	5326574	500.0	541.7	
127 n-Butylbenzene	92	11.011	11.005	0.006	98	4740016	500.0	508.9	
128 1,2-Dichlorobenzene	146	11.041	11.035	0.006	96	4606558	500.0	472.8	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	99	11157462	500.0	563.7	e
130 1,2-Dibromo-3-Chloropropane	157	11.749	11.742	0.007	95	743624	500.0	576.0	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	5047621	500.0	512.7	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	5031847	500.0	504.9	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	96	2599256	500.0	518.5	
134 Naphthalene	128	12.565	12.559	0.006	99	9815059	500.0	517.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	4347414	500.0	484.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	910.8	
S 137 Xylenes, Total	100				0		1000.0	996.3	
S 138 Total 1,2-dichloroethene	1				0			910.8	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	923.8	
S 140 Total BTEX	1				0		2500.0	2268.5	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00044	Amount Added: 50.00	Units: uL	
8FreonHi_00024	Amount Added: 50.00	Units: uL	
ACROLEIN W_00113	Amount Added: 40.00	Units: uL	
MIX 1 Hi_00130	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00103	Amount Added: 50.00	Units: uL	
GAS Hi_00372	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#:

10

Purge Vol: 5.000 mL

Dil. Factor:

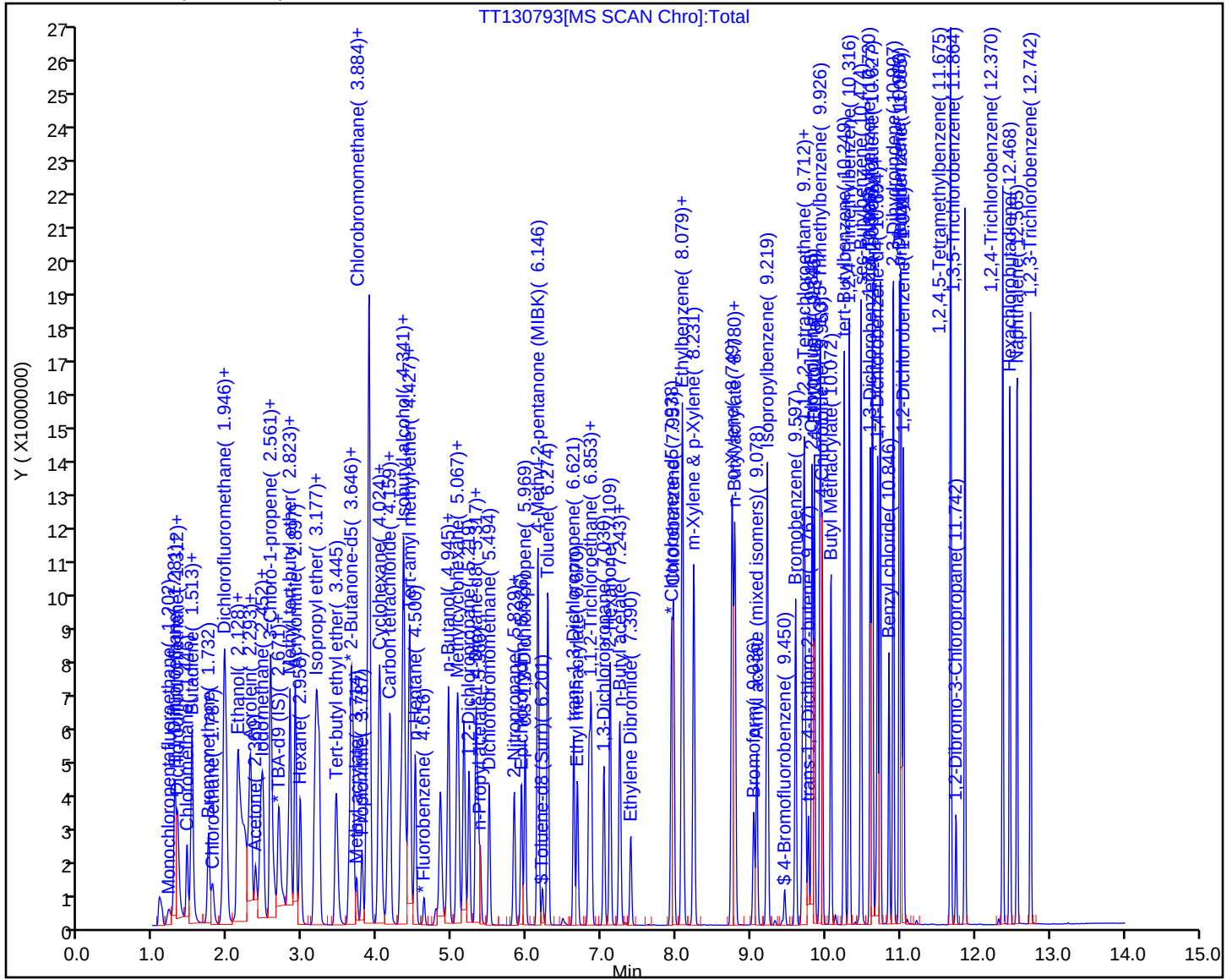
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

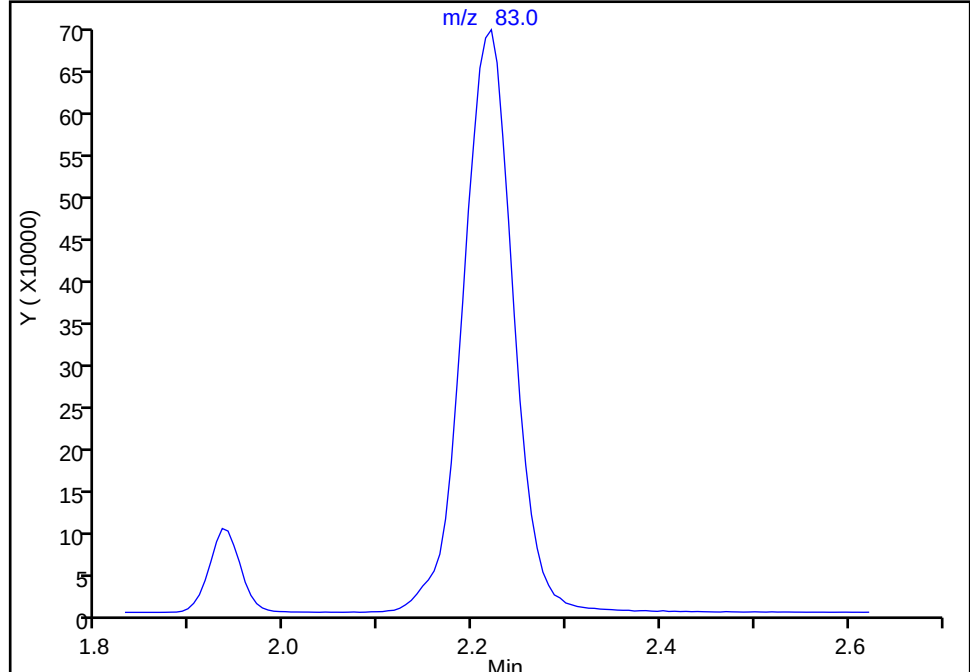
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.21

Processing Integration Results



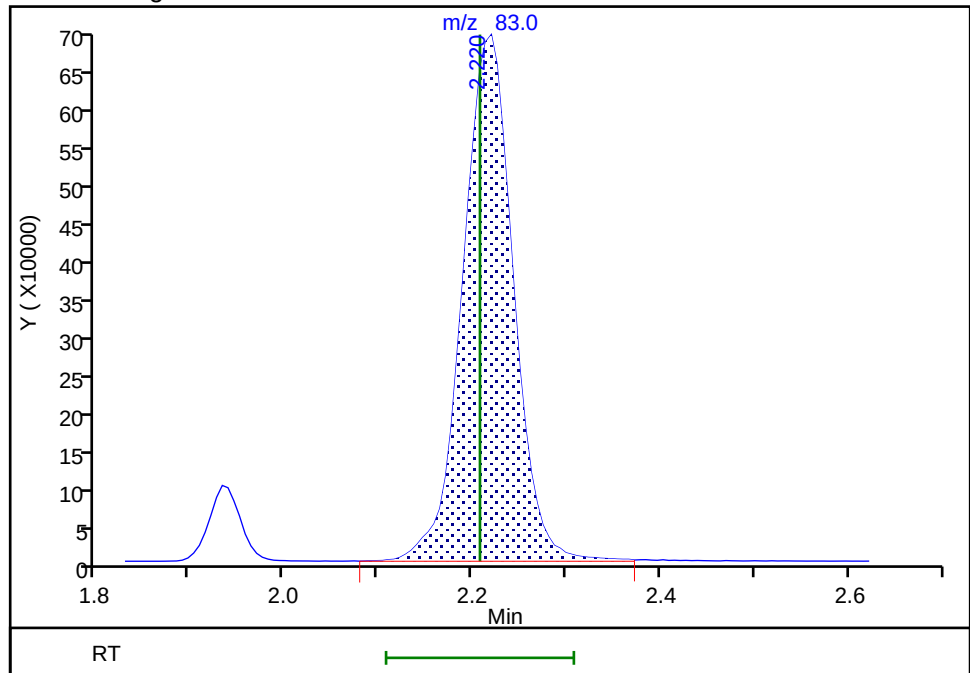
RT: 2.22

Area: 2582028

Amount: 465.5711

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

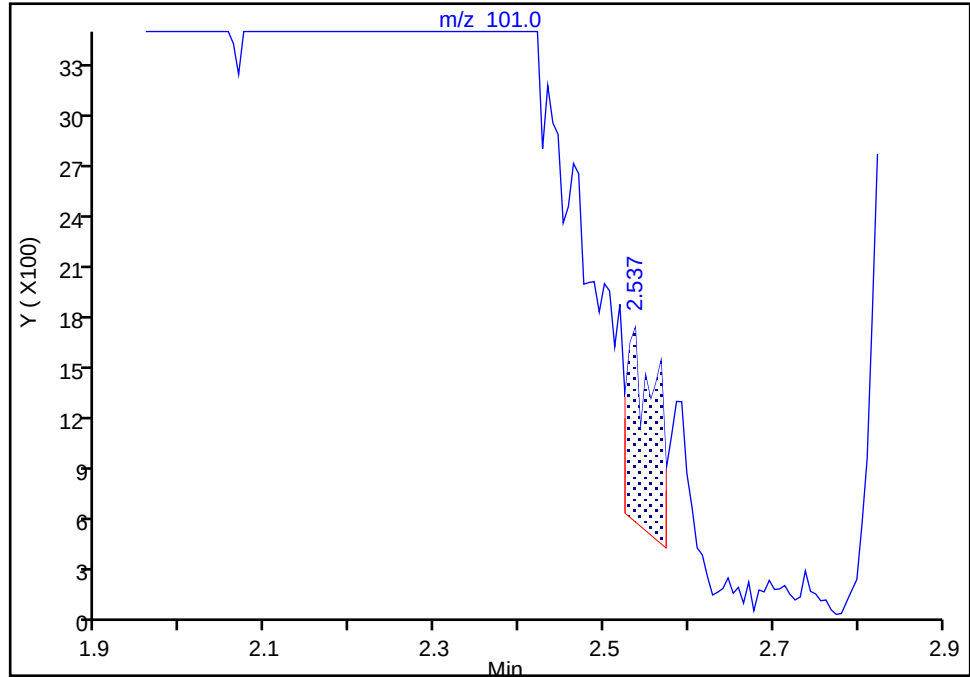
MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

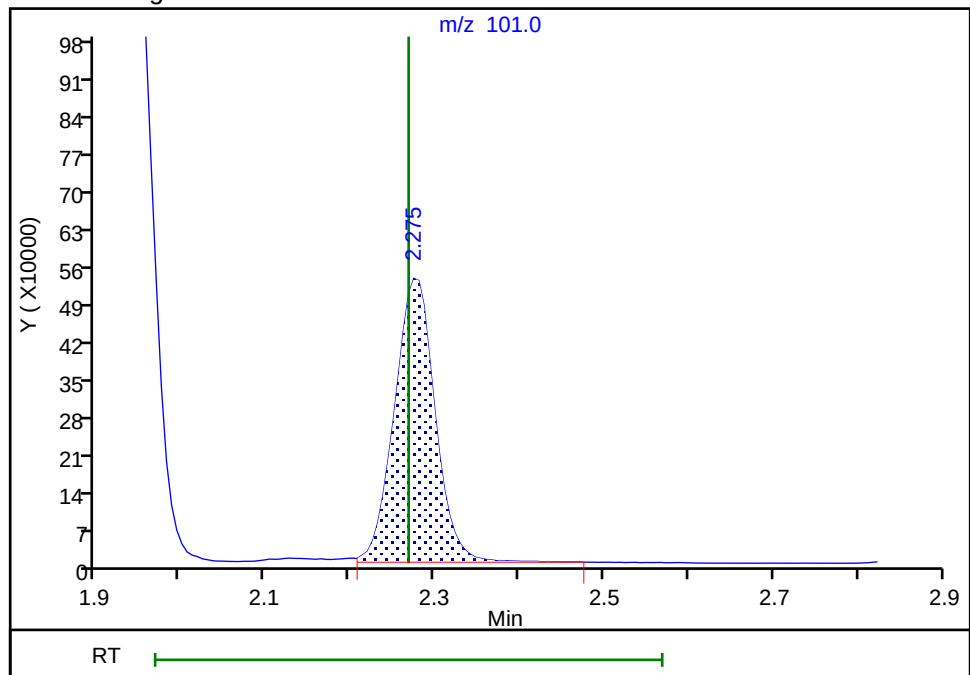
RT: 2.54
Area: 2738
Amount: 0.752445
Amount Units: ug/l

Processing Integration Results



RT: 2.27
Area: 1765942
Amount: 426.2906
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

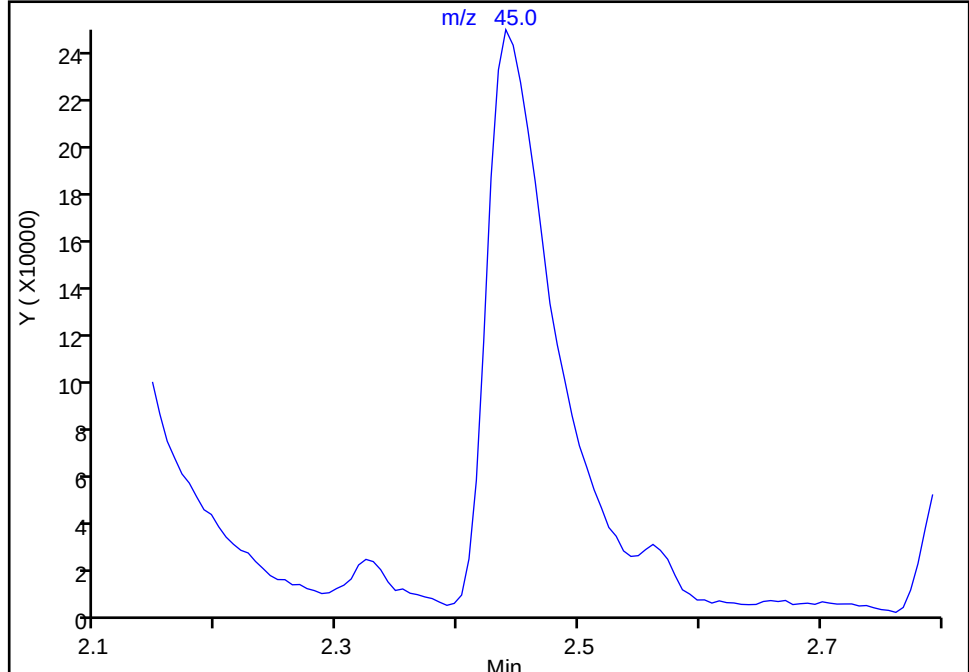
25 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

Not Detected

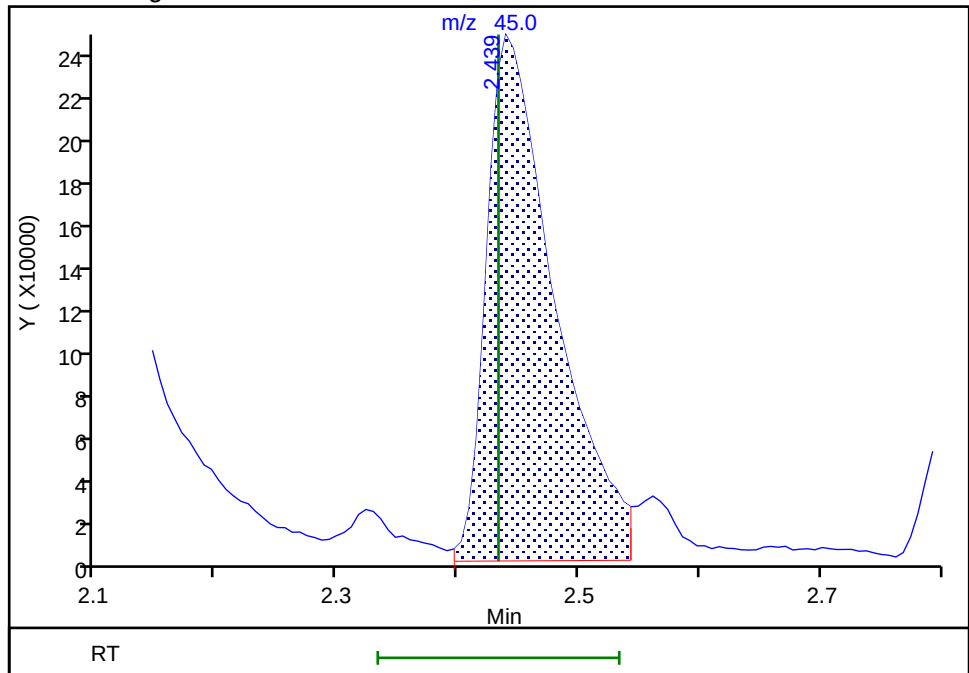
Expected RT: 2.43

Processing Integration Results



RT: 2.44
Area: 967869
Amount: 4740.4658
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:21

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

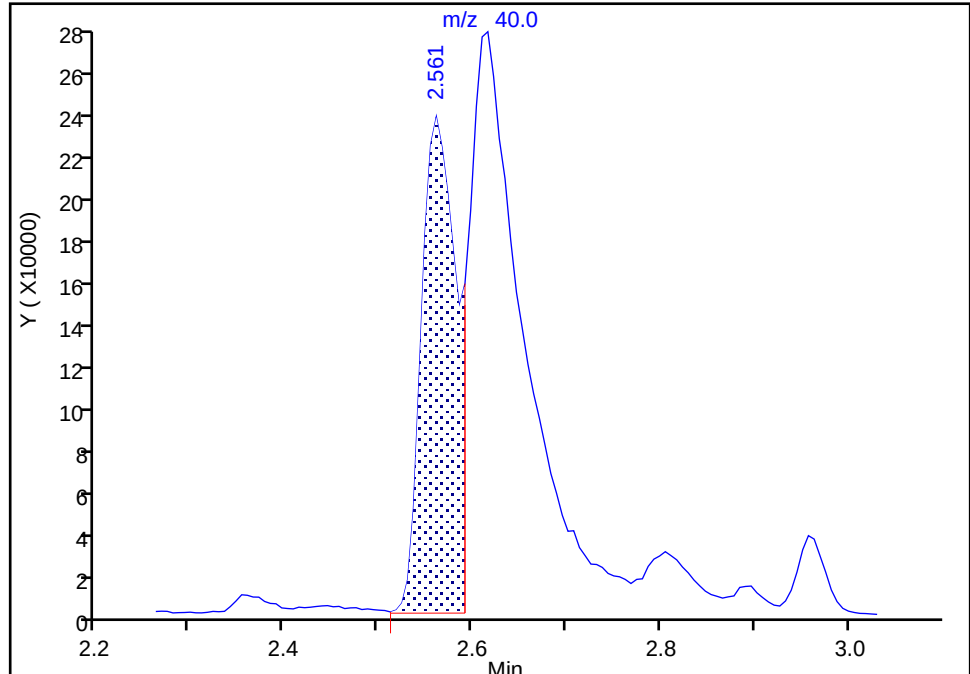
Detector: MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

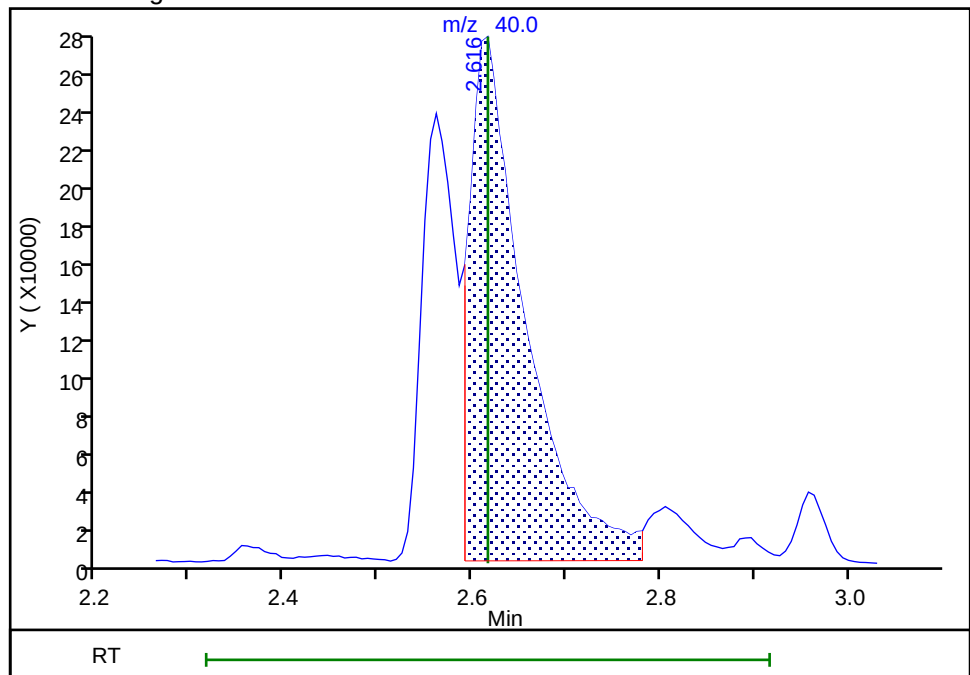
RT: 2.56
Area: 615912
Amount: 2920.6224
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 1131228
Amount: 5007.2047
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

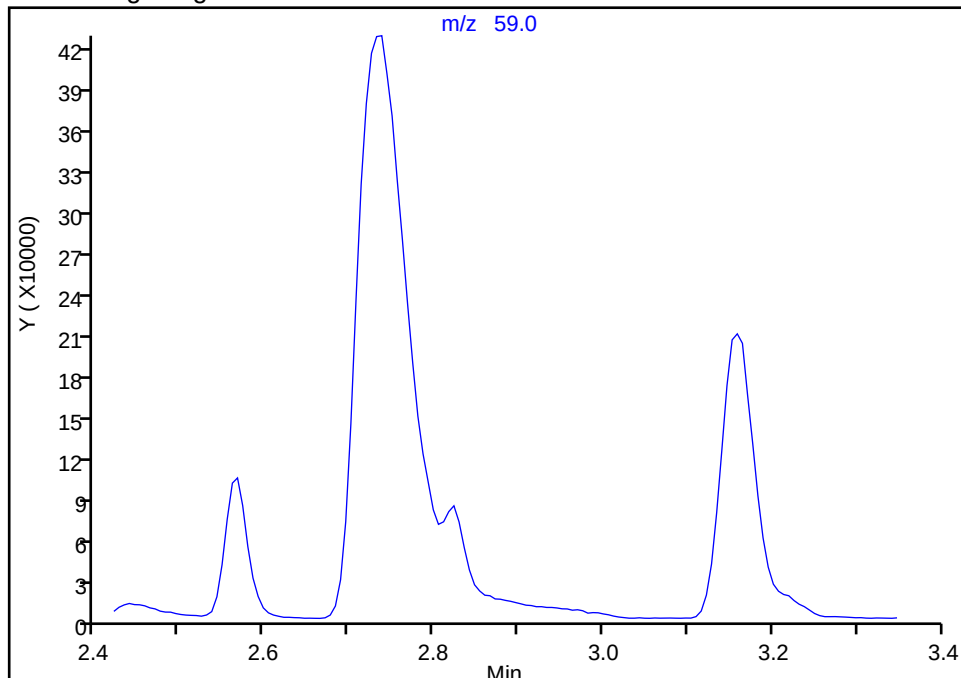
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

Not Detected

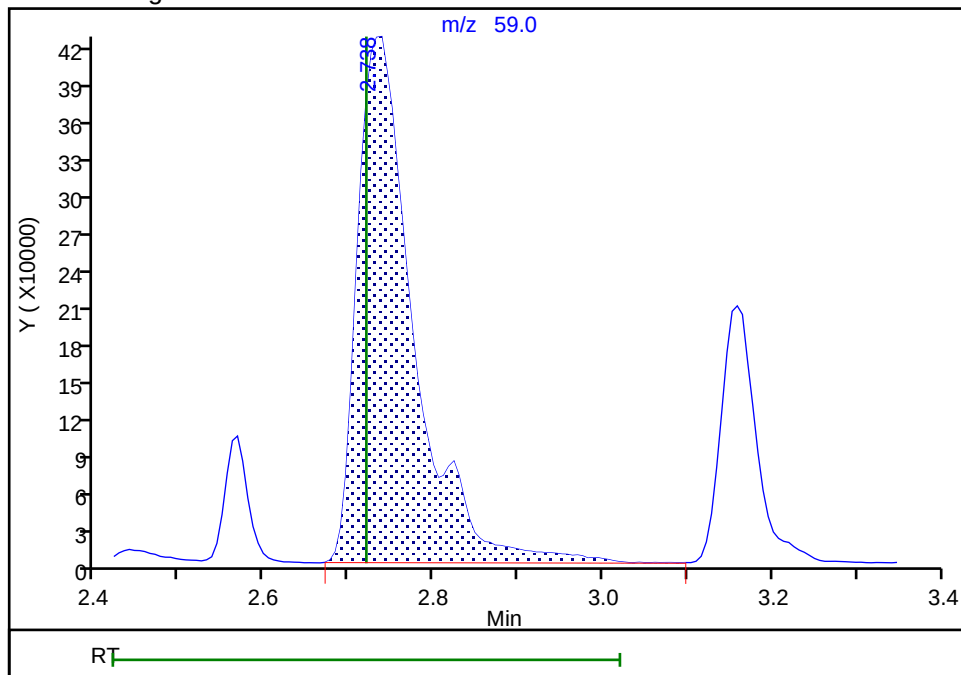
Expected RT: 2.72

Processing Integration Results



RT: 2.74
Area: 1949976
Amount: 4711.2662
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:34

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D

Injection Date: 03-Oct-2020 14:12:30

Instrument ID: CVOAMS17

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

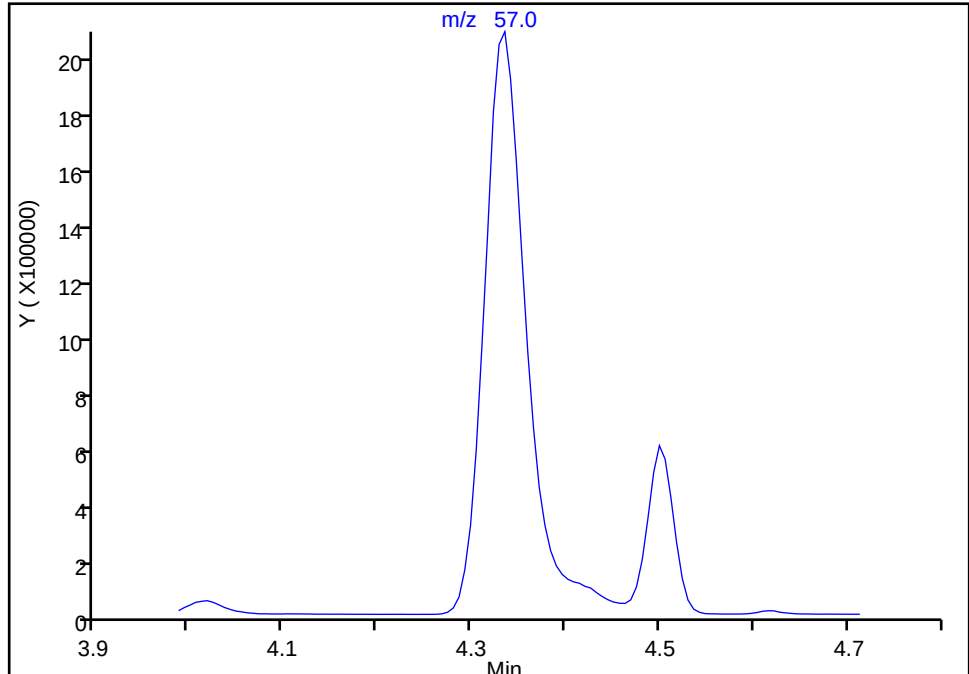
59 Isooctane, CAS: 540-84-1

Signal: 1

Not Detected

Expected RT: 4.32

Processing Integration Results



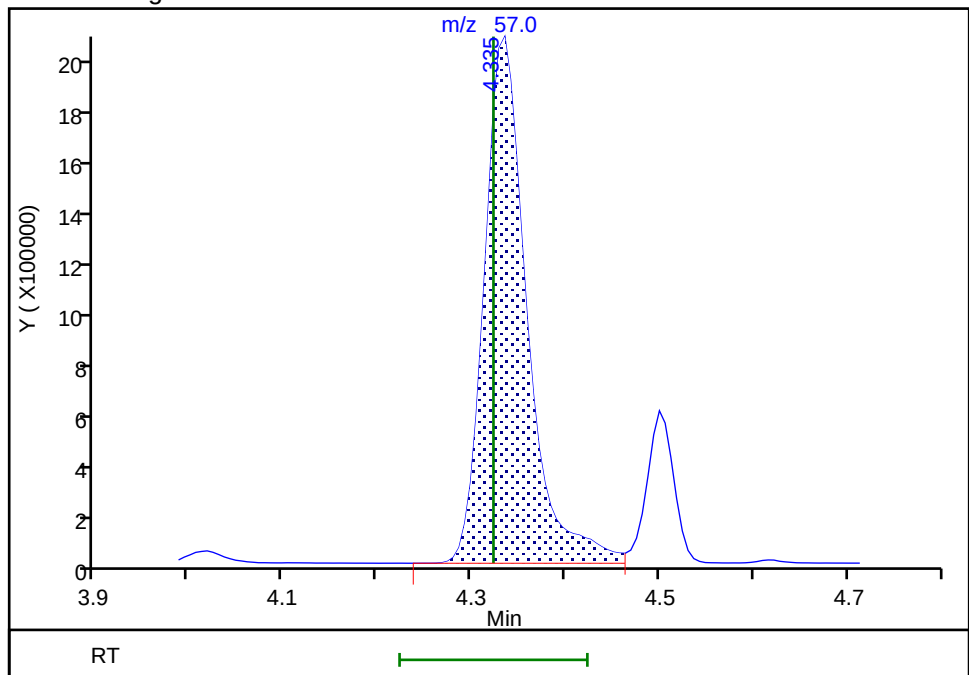
RT: 4.34

Area: 6559429

Amount: 573.3143

Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:51:44

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.: 460-219430-1

SDG No.: _____

Lab Sample ID: ICV 460-728741/13 Calibration Date: 10/03/2020 15:15

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT130796.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	QuaF		0.0523		26.7	20.0	33.6*	30.0
1,1-Difluoroethane	Ave	0.3027	0.3640		24.1	20.0	20.3	30.0
Chlorotrifluoroethene	Ave	0.1396	0.1820		26.1	20.0	30.4*	30.0
Dichlorodifluoromethane	Ave	0.5339	0.4413	0.1000	16.5	20.0	-17.4	30.0
Chlorodifluoromethane	Ave	0.4571	0.5073		22.2	20.0	11.0	30.0
Chloromethane	Ave	0.4218	0.4161	0.1000	19.7	20.0	-1.3	30.0
Butadiene	Ave	0.3624	0.3197		17.6	20.0	-11.8	30.0
Vinyl chloride	Ave	0.4265	0.4251	0.1000	19.9	20.0	-0.3	30.0
Bromomethane	Ave	3.540	3.351	0.1000	18.9	20.0	-5.3	30.0
Chloroethane	Ave	2.655	2.417	0.1000	18.2	20.0	-9.0	30.0
Dichlorofluoromethane	Ave	0.6379	0.6311		19.8	20.0	-1.1	30.0
Pentane	Ave	0.0431	0.0523		48.5	40.0	21.3	30.0
Trichlorofluoromethane	Ave	0.5810	0.5302	0.1000	18.3	20.0	-8.7	30.0
Ethanol	QuaF		0.2576		802	800	0.3	30.0
Ethyl ether	Ave	0.1423	0.1573		22.1	20.0	10.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2268	0.2421		21.3	20.0	6.7	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2802	0.2978		21.3	20.0	6.3	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3950	0.4444		22.5	20.0	12.5	30.0
Acrolein	Ave	6.766	2.870		17.0	40.1	-57.6*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2950	0.3129	0.1000	21.2	20.0	6.1	30.0
1,1-Dichloroethene	Ave	0.2784	0.2999	0.1000	21.5	20.0	7.7	30.0
Acetone	Ave	0.8777	0.7770	0.0500	88.5	100	-11.5	30.0
Iodomethane	Ave	0.5817	0.6392		22.0	20.0	9.9	30.0
Isopropyl alcohol	Ave	3.685	3.699		201	200	0.4	30.0
Carbon disulfide	Ave	1.061	1.142	0.1000	21.5	20.0	7.7	30.0
Allyl chloride	Ave	0.1556	0.1752		22.5	20.0	12.6	30.0
Cyclopentene	Ave	0.6029	0.6726		22.3	20.0	11.5	30.0
Methyl acetate	Ave	0.1667	0.1782	0.1000	42.7	40.0	6.9	30.0
Acetonitrile	QuaF		0.2054		251	200	25.6	30.0
Methylene Chloride	Ave	0.3390	0.3514	0.1000	20.7	20.0	3.6	30.0
2-Methyl-2-propanol	Ave	7.470	6.685		179	200	-10.5	30.0
Methyl tert-butyl ether	Ave	0.7386	0.7780	0.1000	21.1	20.0	5.3	30.0
trans-1,2-Dichloroethene	Ave	0.2869	0.3032	0.1000	21.1	20.0	5.7	30.0
Acrylonitrile	Ave	0.0864	0.0949		220	200	9.9	30.0
Hexane	Ave	0.2788	0.3310		23.7	20.0	18.7	30.0
Isopropyl ether	Ave	0.7154	0.8045		22.5	20.0	12.5	30.0
1,1-Dichloroethane	Ave	0.4696	0.4992	0.2000	21.3	20.0	6.3	30.0
Vinyl acetate	Ave	0.4114	0.5422		52.7	40.0	31.8*	30.0
2-Chloro-1,3-butadiene	Ave	0.2241	0.2472		22.1	20.0	10.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Lab Sample ID: ICV 460-728741/13 Calibration Date: 10/03/2020 15:15

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT130796.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	0.7068	0.7880		22.3	20.0	11.5	30.0
2,2-Dichloropropane	Ave	0.0910	0.1084		23.8	20.0	19.1	30.0
cis-1,2-Dichloroethene	Ave	0.3036	0.3290	0.1000	21.7	20.0	8.4	30.0
2-Butanone (MEK)	Ave	0.3200	0.2835	0.0500	88.6	100	-11.4	30.0
Ethyl acetate	Ave	0.2554	0.2874		45.0	40.0	12.5	30.0
Methyl acrylate	Ave	0.1936	0.2092		21.6	20.0	8.0	30.0
Propionitrile	Ave	8.660	8.995		208	200	3.9	30.0
Chlorobromomethane	Ave	0.1629	0.1654		20.3	20.0	1.5	30.0
Tetrahydrofuran	Ave	0.3369	0.3268		38.8	40.0	-3.0	30.0
Methacrylonitrile	Ave	0.0948	0.1027		217	200	8.4	30.0
Chloroform	Ave	0.4939	0.5080	0.2000	20.6	20.0	2.8	30.0
Cyclohexane	Ave	0.3894	0.4235	0.1000	21.8	20.0	8.8	30.0
1,1,1-Trichloroethane	Ave	0.5083	0.4885	0.1000	19.2	20.0	-3.9	30.0
Carbon tetrachloride	Ave	0.4422	0.4242	0.1000	19.2	20.0	-4.1	30.0
1,1-Dichloropropene	Ave	0.3425	0.3559		20.8	20.0	3.9	30.0
Isobutyl alcohol	Ave	3.781	4.380		579	500	15.9	30.0
2,2,4-Trimethylpentane	Ave	0.8148	0.9282		22.8	20.0	13.9	30.0
Benzene	Ave	1.344	1.497	0.5000	22.3	20.0	11.4	30.0
Tert-amyl methyl ether	Ave	0.8365	0.9541		22.8	20.0	14.1	30.0
Isopropyl acetate	Ave	0.1164	0.1331		22.9	20.0	14.3	30.0
1,2-Dichloroethane	Ave	0.4019	0.3851	0.1000	19.2	20.0	-4.2	30.0
n-Heptane	Ave	0.0632	0.0652		20.6	20.0	3.2	30.0
n-Butanol	Ave	1.443	1.473		510	500	2.1	30.0
Trichloroethene	Ave	0.2791	0.2730	0.2000	19.6	20.0	-2.2	30.0
Methylcyclohexane	Ave	0.4388	0.4669	0.1000	21.3	20.0	6.4	30.0
Ethyl acrylate	QuaF		0.0385		21.4	20.0	7.2	30.0
1,2-Dichloropropane	Ave	0.2201	0.2520	0.1000	22.9	20.0	14.5	30.0
Methyl methacrylate	Ave	0.0623	0.0664		42.6	40.0	6.6	30.0
1,4-Dioxane	Ave	1.164	1.259		433	400	8.1	30.0
Dibromomethane	Ave	0.1737	0.1770		20.4	20.0	1.9	30.0
n-Propyl acetate	Ave	0.2767	0.2994		21.6	20.0	8.2	30.0
Bromodichloromethane	Ave	0.3700	0.3790	0.2000	20.5	20.0	2.4	30.0
2-Nitropropane	QuaF		0.0611		41.4	40.0	3.5	30.0
2-Chloroethyl vinyl ether	Qua2		0.1503		23.2	20.0	15.8	30.0
Epichlorohydrin	Ave	0.2408	0.2966		24.6	20.0	23.2	30.0
cis-1,3-Dichloropropene	Ave	0.5397	0.5831	0.2000	21.6	20.0	8.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.134	2.247	0.0500	105	100	5.3	30.0
Toluene	Ave	1.369	1.488	0.4000	21.7	20.0	8.7	30.0
trans-1,3-Dichloropropene	Ave	0.5200	0.4979	0.1000	19.1	20.0	-4.3	30.0
Ethyl methacrylate	Ave	0.3428	0.3911		22.8	20.0	14.1	30.0
1,1,2-Trichloroethane	Ave	0.2422	0.2647	0.1000	21.9	20.0	9.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab Sample ID: ICV 460-728741/13 Calibration Date: 10/03/2020 15:15
 Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12
 Lab File ID: TT130796.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
Tetrachloroethene	Ave	0.4219	0.4317	0.2000	20.5	20.0	2.3	30.0
1,3-Dichloropropane	Ave	0.4743	0.5124		21.6	20.0	8.0	30.0
2-Hexanone	Ave	1.323	1.379	0.0500	104	100	4.2	30.0
n-Butyl acetate	Ave	0.3810	0.4361		22.9	20.0	14.5	30.0
Dibromochloromethane	Ave	0.3646	0.3969	0.1000	21.8	20.0	8.8	30.0
1,2-Dibromoethane	Ave	0.3061	0.3277	0.1000	21.4	20.0	7.1	30.0
Chlorobenzene	Ave	0.9509	0.996	0.5000	20.9	20.0	4.7	30.0
Ethylbenzene	Ave	0.4791	0.5311	0.1000	22.2	20.0	10.8	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4115	0.4220		20.5	20.0	2.6	30.0
m&p-Xylene	Ave	0.5757	0.6527	0.1000	22.7	20.0	13.4	30.0
o-Xylene	Ave	0.6193	0.6634	0.3000	21.4	20.0	7.1	30.0
n-Butyl acrylate	Ave	0.2107	0.2487		23.6	20.0	18.1	30.0
Styrene	Ave	0.8970	1.042	0.3000	23.2	20.0	16.2	30.0
Bromoform	Ave	0.2665	0.2720	0.1000	20.4	20.0	2.0	30.0
Amyl acetate (mixed isomers)	Ave	0.7772	0.8907		22.9	20.0	14.6	30.0
Isopropylbenzene	Ave	1.658	1.875	0.1000	22.6	20.0	13.1	30.0
Bromobenzene	Ave	0.7691	0.7899		20.5	20.0	2.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6689	0.7139	0.3000	21.3	20.0	6.7	30.0
N-Propylbenzene	Ave	3.168	3.508		22.1	20.0	10.7	30.0
1,2,3-Trichloropropane	Ave	0.2098	0.2295		21.9	20.0	9.4	30.0
trans-1,4-Dichloro-2-butene	Qua2		0.1625		20.8	20.0	4.1	30.0
2-Chlorotoluene	Ave	2.193	2.425		22.1	20.0	10.6	30.0
4-Ethyltoluene	Ave	2.629	3.076		23.4	20.0	17.0	30.0
1,3,5-Trimethylbenzene	Ave	2.373	2.665		22.5	20.0	12.3	30.0
4-Chlorotoluene	Ave	2.172	2.351		21.6	20.0	8.2	30.0
Butyl Methacrylate	QuaF		0.6758		19.7	20.0	-1.5	30.0
tert-Butylbenzene	Ave	2.118	2.238		21.1	20.0	5.7	30.0
1,2,4-Trimethylbenzene	Ave	2.434	2.724		22.4	20.0	11.9	30.0
sec-Butylbenzene	Ave	3.173	3.536		22.3	20.0	11.4	30.0
1,3-Dichlorobenzene	Ave	1.488	1.509	0.6000	20.3	20.0	1.4	30.0
4-Isopropyltoluene	Ave	2.730	3.069		22.5	20.0	12.4	30.0
1,4-Dichlorobenzene	Ave	1.490	1.526	0.5000	20.5	20.0	2.4	30.0
1,2,3-Trimethylbenzene	Ave	2.579	2.884		22.4	20.0	11.8	30.0
Benzyl chloride	Ave	1.128	1.446		25.6	20.0	28.2	30.0
Indan	Ave	2.498	2.736		21.9	20.0	9.5	30.0
p-Diethylbenzene	Ave	1.472	1.726		23.5	20.0	17.3	30.0
n-Butylbenzene	Ave	1.395	1.596		22.9	20.0	14.4	30.0
1,2-Dichlorobenzene	Ave	1.459	1.545	0.4000	21.2	20.0	5.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.964	3.182		21.5	20.0	7.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1933	0.1996	0.0500	20.7	20.0	3.3	30.0
1,3,5-Trichlorobenzene	Ave	1.474	1.544		21.0	20.0	4.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab Sample ID: ICV 460-728741/13 Calibration Date: 10/03/2020 15:15
 Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12
 Lab File ID: TT130796.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	1.492	1.522	0.2000	20.4	20.0	2.0	30.0
Hexachlorobutadiene	Ave	0.7507	0.7644		20.4	20.0	1.8	30.0
Naphthalene	Ave	2.841	3.076		21.7	20.0	8.3	30.0
1,2,3-Trichlorobenzene	Ave	1.345	1.453		21.6	20.0	8.0	30.0
Dibromofluoromethane (Surr)	Ave	0.3113	0.3056		49.1	50.0	-1.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3718	0.3434		46.2	50.0	-7.6	30.0
Toluene-d8 (Surr)	Ave	1.360	1.441		53.0	50.0	5.9	30.0
4-Bromofluorobenzene	Ave	0.4873	0.4873		50.0	50.0	0.0	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130796.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 03-Oct-2020 15:15:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0117768-013
 Operator ID: Instrument ID: CVOAMS17
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 22:21:14 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1605

First Level Reviewer: desais

Date: 04-Oct-2020 09:53:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	87	17275	20.0	26.7	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	96	120230	20.0	24.1	
3 Chlorotrifluoroethene	116	1.275	1.269	0.006	63	60123	20.0	26.1	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	68	145745	20.0	16.5	
5 Chlorodifluoromethane	51	1.305	1.306	-0.001	99	167555	20.0	22.2	
6 Chloromethane	50	1.433	1.434	-0.001	99	137439	20.0	19.7	
8 Butadiene	54	1.501	1.501	-0.001	97	105579	20.0	17.6	
7 Vinyl chloride	62	1.507	1.507	0.000	98	140395	20.0	19.9	
9 Bromomethane	94	1.726	1.726	0.000	97	106173	20.0	18.9	
10 Chloroethane	64	1.781	1.787	-0.006	99	76579	20.0	18.2	
11 Dichlorofluoromethane	67	1.927	1.933	-0.006	98	208458	20.0	19.8	
12 Trichlorofluoromethane	101	1.939	1.940	-0.001	97	175114	20.0	18.3	
13 Pentane	72	1.939	1.952	-0.013	95	34530	40.0	48.5	
14 Ethanol	46	2.092	2.092	0.000	84	13588	800.0	802.4	
15 Ethyl ether	74	2.104	2.104	0.000	96	51963	20.0	22.1	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	97	79947	20.0	21.3	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	91	98360	20.0	21.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.202	2.208	-0.006	93	146779	20.0	22.5	a
19 Acrolein	56	2.250	2.257	-0.007	90	7579	40.1	17.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.275	2.269	0.006	97	103344	20.0	21.2	
21 1,1-Dichloroethene	96	2.287	2.287	0.000	98	99038	20.0	21.5	
22 Acetone	43	2.354	2.354	0.000	86	123092	100.0	88.5	
23 Iodomethane	142	2.415	2.415	0.000	99	211105	20.0	22.0	
25 Isopropyl alcohol	45	2.433	2.433	0.000	37	48781	200.0	200.8	
24 Carbon disulfide	76	2.445	2.446	-0.001	99	377337	20.0	21.5	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	89	57871	20.0	22.5	
27 Methyl acetate	43	2.561	2.561	0.000	98	117693	40.0	42.7	
28 Cyclopentene	67	2.561	2.567	-0.006	94	222140	20.0	22.3	
29 Acetonitrile	40	2.604	2.616	-0.012	99	65087	200.0	251.3	a
* 31 TBA-d9 (IS)	66	2.653	2.665	-0.012	99	65936	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	2.665	2.665	0.000	89	116060	20.0	20.7	a
32 2-Methyl-2-propanol	59	2.720	2.720	0.000	96	88154	200.0	179.0	
33 Methyl tert-butyl ether	73	2.799	2.805	-0.006	96	256970	20.0	21.1	
34 trans-1,2-Dichloroethene	96	2.817	2.824	-0.007	96	100135	20.0	21.1	
35 Acrylonitrile	53	2.884	2.891	-0.007	93	313448	200.0	219.8	
36 Hexane	57	2.958	2.958	0.000	90	109334	20.0	23.7	a
37 Isopropyl ether	45	3.153	3.153	0.000	94	265721	20.0	22.5	
38 1,1-Dichloroethane	63	3.171	3.177	-0.006	99	164863	20.0	21.3	
39 Vinyl acetate	86	3.189	3.189	0.000	99	34358	40.0	52.7	
40 2-Chloro-1,3-butadiene	88	3.207	3.208	-0.001	91	81661	20.0	22.1	
41 Tert-butyl ethyl ether	59	3.433	3.439	-0.006	89	260270	20.0	22.3	a
* 42 2-Butanone-d5	46	3.610	3.610	0.000	93	396049	250.0	250.0	
43 2,2-Dichloropropane	97	3.622	3.616	0.006	72	35787	20.0	23.8	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	98	108675	20.0	21.7	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	96	44916	100.0	88.6	
46 Ethyl acetate	70	3.671	3.671	0.000	96	18213	40.0	45.0	a
47 Methyl acrylate	55	3.707	3.707	0.000	99	69088	20.0	21.6	
48 Propionitrile	54	3.781	3.781	0.000	97	118620	200.0	207.7	
49 Chlorobromomethane	128	3.842	3.842	0.000	79	54642	20.0	20.3	
50 Tetrahydrofuran	72	3.842	3.848	-0.006	66	20708	40.0	38.8	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	339318	200.0	216.7	a
52 Chloroform	83	3.896	3.896	0.000	99	167769	20.0	20.6	
53 Cyclohexane	84	4.006	4.006	0.000	90	139872	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.024	4.024	0.000	98	161360	20.0	19.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	252296	50.0	49.1	
56 Carbon tetrachloride	117	4.134	4.128	0.006	97	140105	20.0	19.2	a
57 1,1-Dichloropropene	75	4.159	4.159	0.000	96	117553	20.0	20.8	
58 Isobutyl alcohol	43	4.305	4.299	0.006	94	144406	500.0	579.3	
59 Isooctane	57	4.323	4.323	0.000	99	306558	20.0	22.8	
60 Benzene	78	4.341	4.341	0.000	97	348803	20.0	22.3	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	96	283574	50.0	46.2	a
62 Tert-amyl methyl ether	73	4.415	4.415	0.000	80	315131	20.0	22.8	
63 Isopropyl acetate	61	4.421	4.421	0.000	93	43946	20.0	22.9	
64 1,2-Dichloroethane	62	4.427	4.433	-0.006	98	127186	20.0	19.2	
65 n-Heptane	100	4.500	4.500	0.000	87	21536	20.0	20.6	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	825710	50.0	50.0	a
67 n-Butanol	56	4.927	4.927	0.000	90	48547	500.0	510.3	
68 Trichloroethene	95	4.945	4.945	0.000	97	90160	20.0	19.6	
69 Methylcyclohexane	83	5.061	5.055	0.006	94	154200	20.0	21.3	
70 Ethyl acrylate	99	5.079	5.079	0.000	97	12713	20.0	21.4	
71 1,2-Dichloropropane	63	5.213	5.219	-0.006	87	83241	20.0	22.9	a
* 72 1,4-Dioxane-d8	96	5.280	5.274	0.006	86	39693	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	87	43880	40.0	42.6	
74 Dibromomethane	93	5.335	5.335	0.000	94	58458	20.0	20.4	
75 1,4-Dioxane	88	5.329	5.335	-0.006	41	19984	400.0	432.5	
76 n-Propyl acetate	43	5.372	5.366	0.006	97	98883	20.0	21.6	a
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	125186	20.0	20.5	
78 2-Nitropropane	41	5.817	5.817	0.000	85	40357	40.0	41.4	
79 2-Chloroethyl vinyl ether	63	5.823	5.829	-0.006	86	49640	20.0	23.2	
80 Epichlorohydrin	57	5.920	5.920	0.000	94	9397	20.0	24.6	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	95	135890	20.0	21.6	a
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	355955	100.0	105.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	100	839500	50.0	53.0	
84 Toluene	91	6.274	6.274	0.000	94	346883	20.0	21.7	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	97	116035	20.0	19.1	
86 Ethyl methacrylate	69	6.670	6.670	0.000	90	91142	20.0	22.8	
87 1,1,2-Trichloroethane	83	6.829	6.823	0.006	94	61700	20.0	21.9	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	100600	20.0	20.5	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	93	119428	20.0	21.6	
90 2-Hexanone	43	7.109	7.109	0.000	95	218539	100.0	104.2	
91 n-Butyl acetate	43	7.231	7.231	0.000	99	101641	20.0	22.9	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	92490	20.0	21.8	
93 Ethylene Dibromide	107	7.384	7.384	0.000	99	76383	20.0	21.4	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	86	582638	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	232126	20.0	20.9	
96 Ethylbenzene	106	8.072	8.072	0.000	98	123771	20.0	22.2	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.085	0.000	95	98360	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.225	8.231	-0.006	96	152110	20.0	22.7	
99 o-Xylene	106	8.743	8.743	0.000	95	154609	20.0	21.4	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	57966	20.0	23.6	
101 Styrene	104	8.780	8.780	0.000	95	242911	20.0	23.2	
102 Bromoform	173	9.030	9.036	-0.006	97	63387	20.0	20.4	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	122534	20.0	22.9	
104 Isopropylbenzene	105	9.212	9.213	0.000	96	437083	20.0	22.6	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	283922	50.0	50.0	
106 Bromobenzene	156	9.596	9.597	-0.001	94	108667	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	97	98222	20.0	21.3	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	482622	20.0	22.1	
109 1,2,3-Trichloropropane	110	9.725	9.731	-0.006	95	31568	20.0	21.9	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	88	22360	20.0	20.8	
111 2-Chlorotoluene	91	9.816	9.816	0.000	97	333651	20.0	22.1	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	423130	20.0	23.4	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	366659	20.0	22.5	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	323380	20.0	21.6	
115 Butyl Methacrylate	87	10.066	10.066	0.000	91	92979	20.0	19.7	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	307941	20.0	21.1	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	97	374694	20.0	22.4	
118 sec-Butylbenzene	105	10.468	10.468	0.000	99	486497	20.0	22.3	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	96	207642	20.0	20.3	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	422240	20.0	22.5	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	94	343945	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	209931	20.0	20.5	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	396802	20.0	22.4	
124 Benzyl chloride	91	10.846	10.846	0.000	99	198965	20.0	25.6	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	376370	20.0	21.9	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	92	237509	20.0	23.5	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	219519	20.0	22.9	
128 1,2-Dichlorobenzene	146	11.035	11.035	0.000	96	212518	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	437802	20.0	21.5	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	95	27463	20.0	20.7	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	98	212461	20.0	21.0	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	209327	20.0	20.4	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	97	105161	20.0	20.4	
134 Naphthalene	128	12.559	12.559	0.000	99	423214	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	199845	20.0	21.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 137 Xylenes, Total	100				0		40.0	44.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.8	
S 140 Total BTEX	1				0		100.0	110.3	

QC Flag Legend

Processing Flags

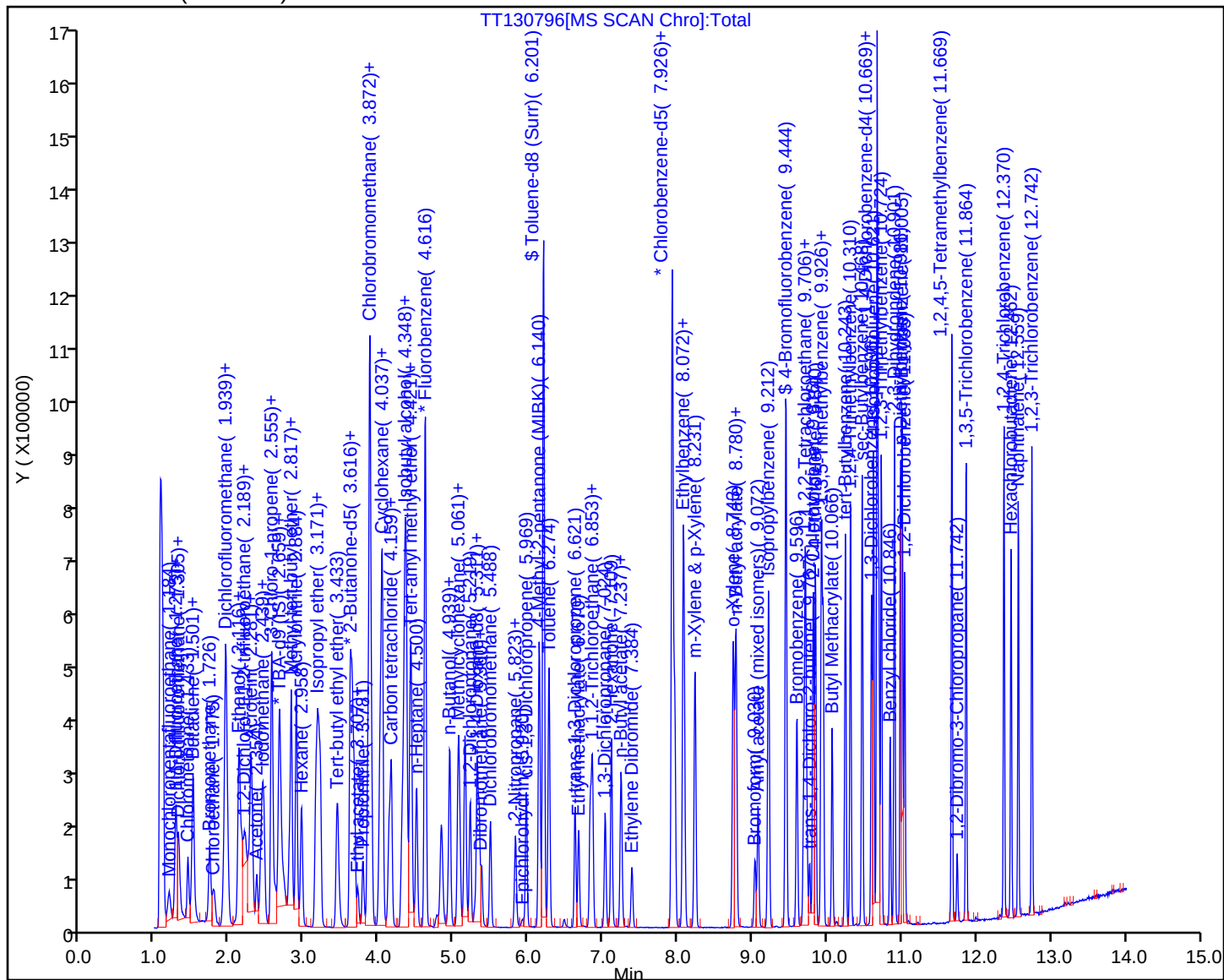
Review Flags

a - User Assigned ID

Reagents:

8FreonsSS_00024	Amount Added: 20.00	Units: uL	
8260 SP_00131	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00117	Amount Added: 4.00	Units: uL	
GAS C SP_00376	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130796.D

Injection Date: 03-Oct-2020 15:15:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

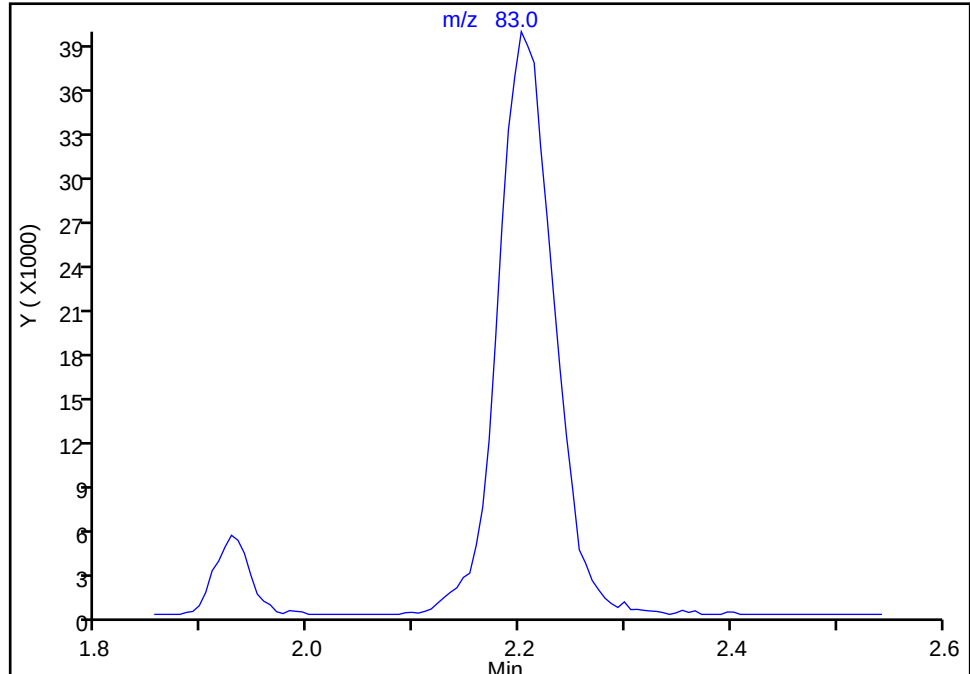
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

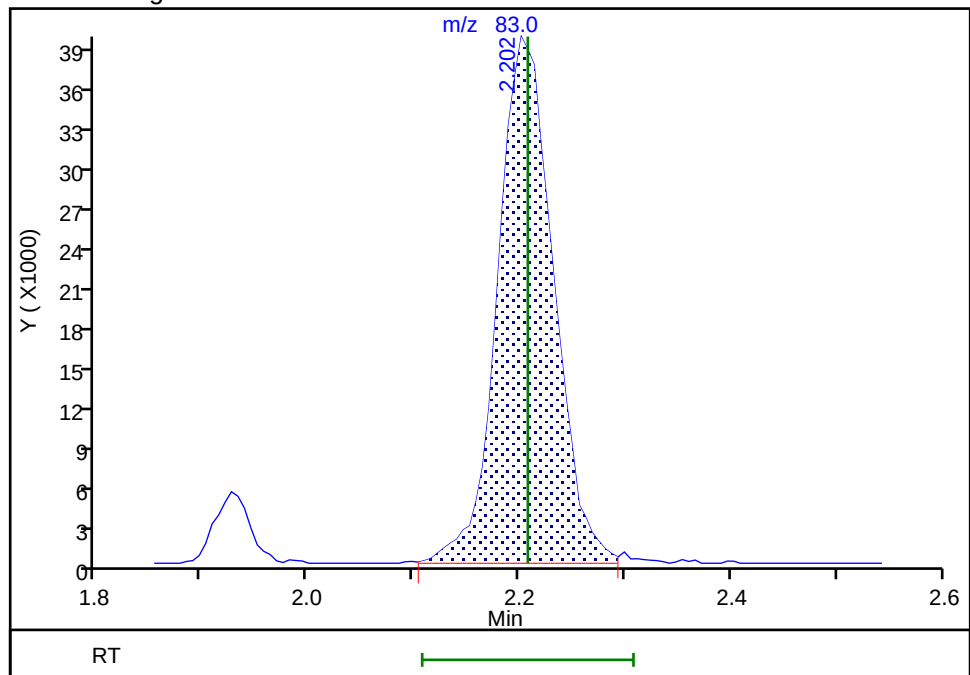
Not Detected

Expected RT: 2.21

Processing Integration Results



Manual Integration Results



RT: 2.20

Area: 146779

Amount: 22.504066

Amount Units: ug/l

Reviewer: desais, 04-Oct-2020 09:52:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130796.D

Injection Date: 03-Oct-2020 15:15:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

12

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

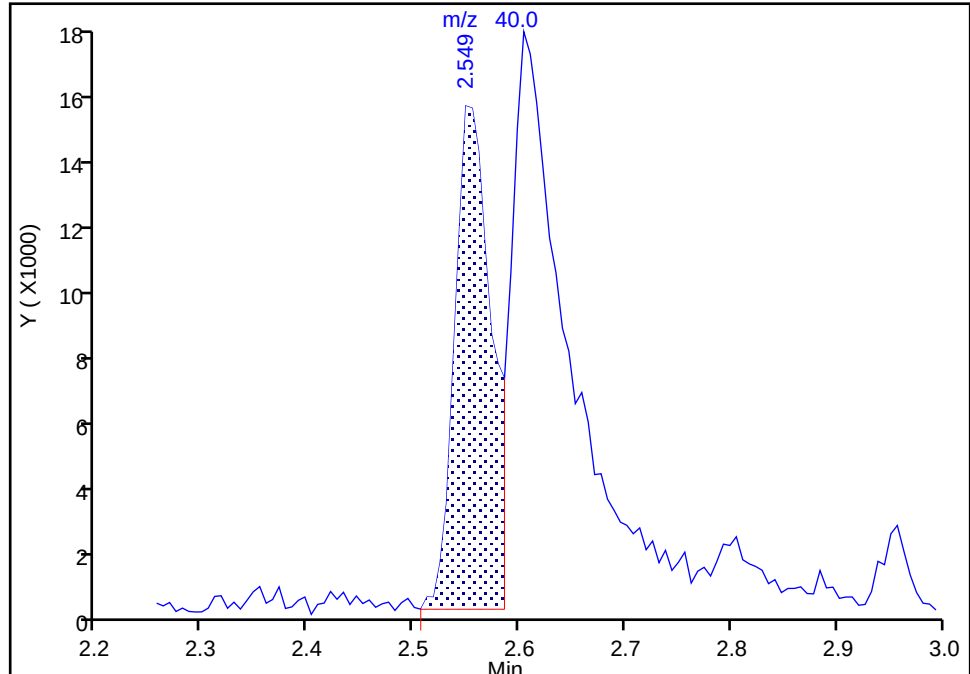
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

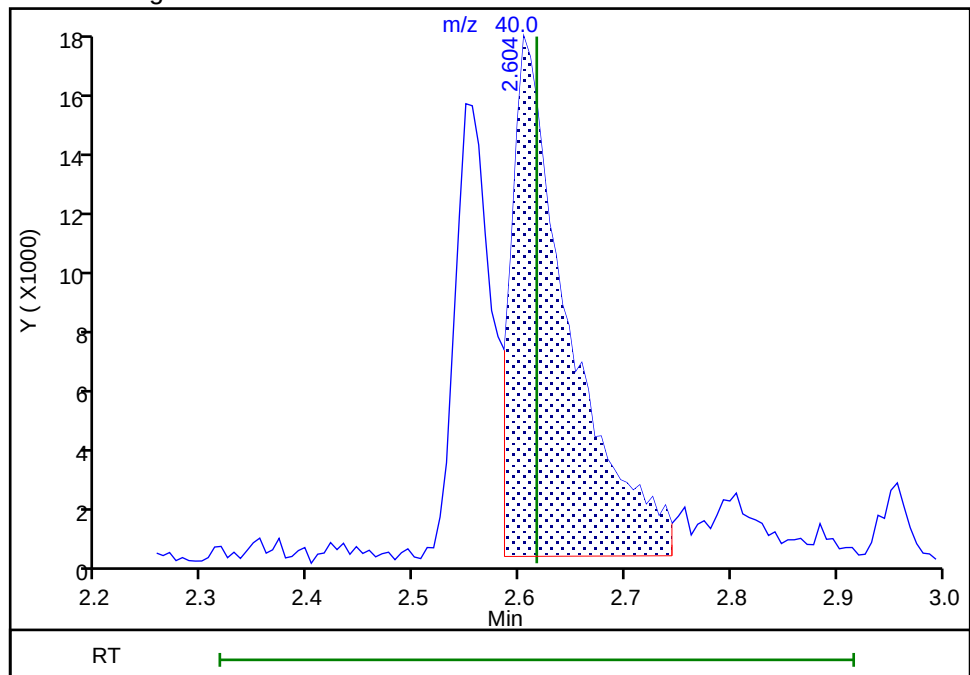
RT: 2.55
Area: 36646
Amount: 117.0164
Amount Units: ug/l

Processing Integration Results



RT: 2.60
Area: 65087
Amount: 251.2670
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:52:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130796.D

Injection Date: 03-Oct-2020 15:15:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

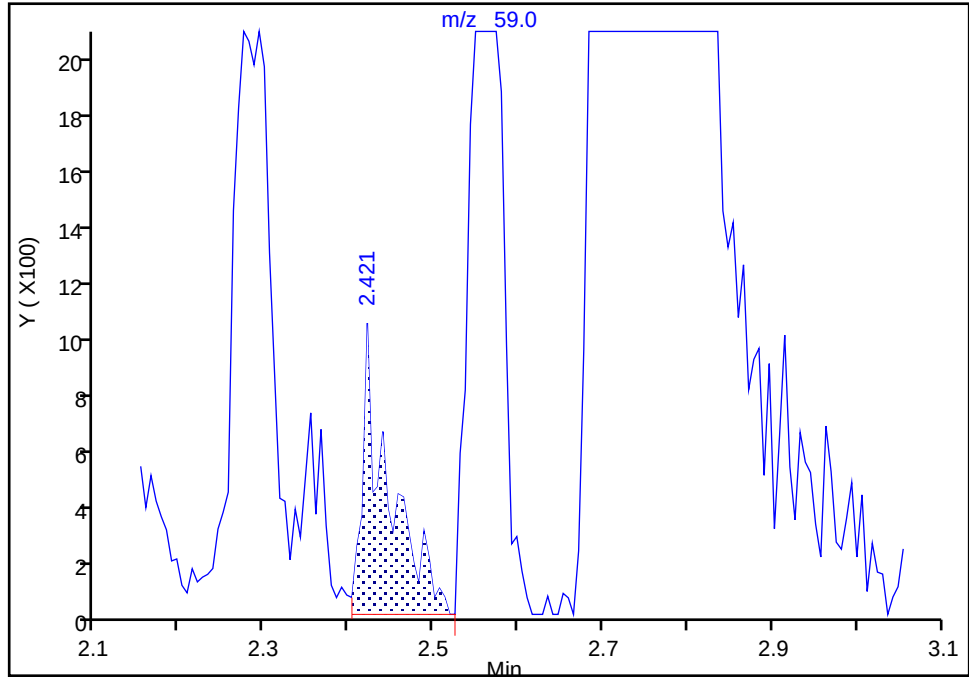
MS Quad

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

Signal: 1

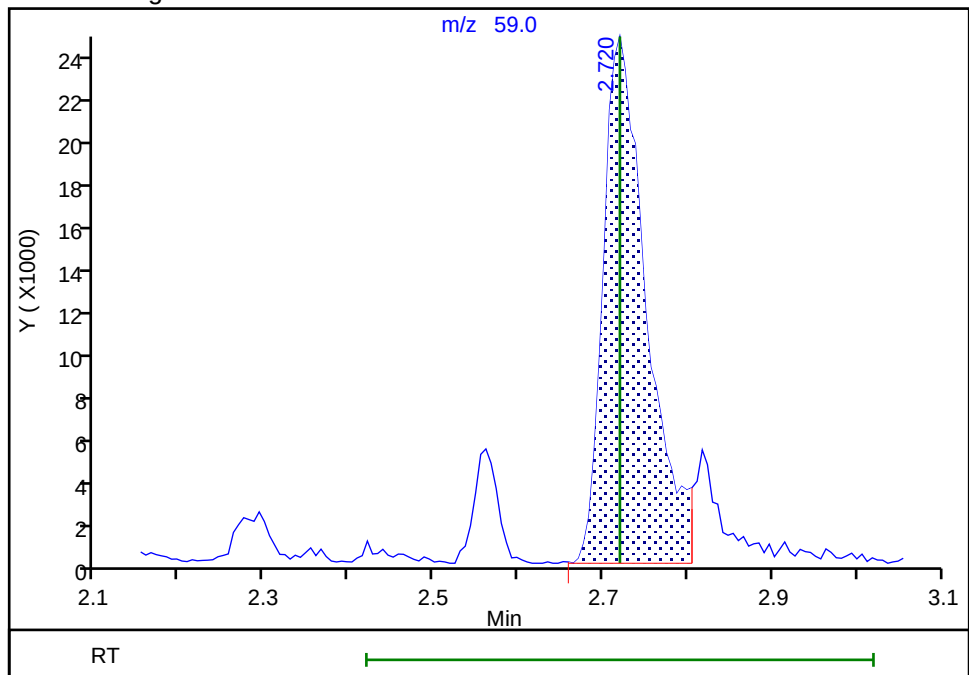
RT: 2.42
Area: 2216
Amount: 4.499124
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 88154
Amount: 178.9783
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:52:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130796.D

Injection Date: 03-Oct-2020 15:15:30

Instrument ID: CVOAMS17

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

12

Worklist Smp#:

13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

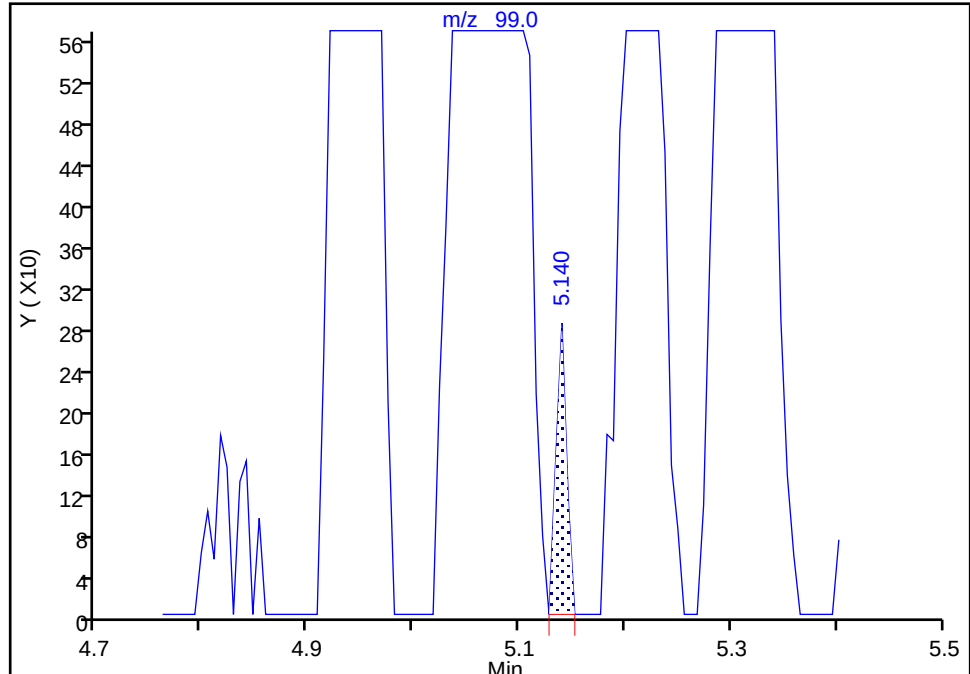
MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

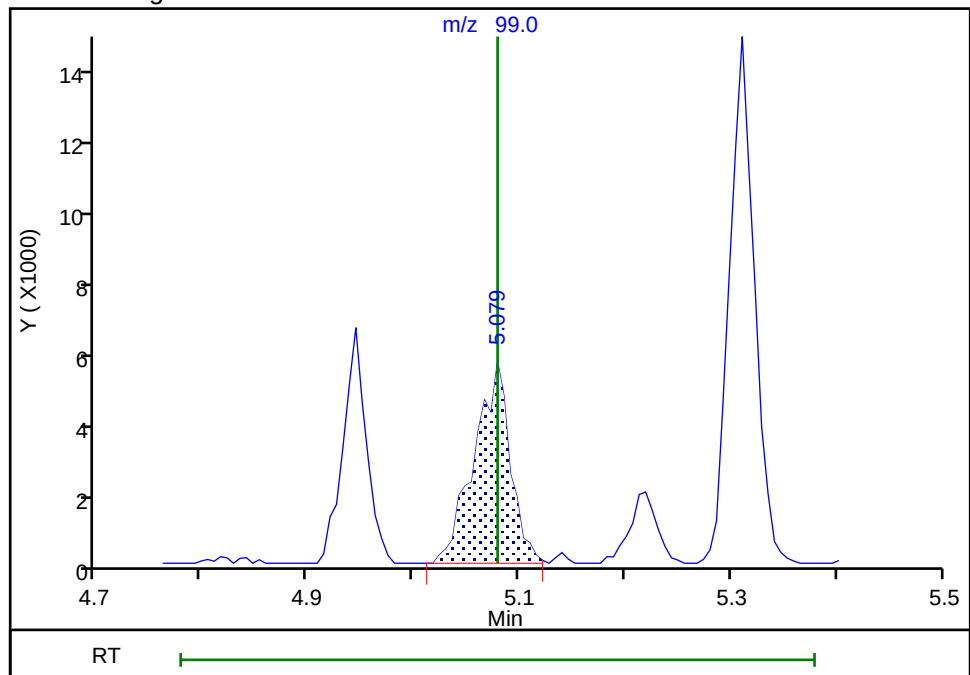
RT: 5.14
Area: 199
Amount: 0.337318
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 12713
Amount: 21.446157
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 09:53:06

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.: 460-219430-1

SDG No.: _____

Lab Sample ID: CCVIS 460-728944/2 Calibration Date: 10/04/2020 06:33

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT130820.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	QuaF		0.0465		23.8	20.0	18.8	20.0
1,1-Difluoroethane	Ave	0.3027	0.3580		23.7	20.0	18.3	20.0
Chlorotrifluoroethene	Ave	0.1396	0.1597		22.9	20.0	14.4	20.0
Dichlorodifluoromethane	Ave	0.5339	0.6440	0.1000	24.1	20.0	20.6*	20.0
Chlorodifluoromethane	Ave	0.4571	0.5203		22.8	20.0	13.8	20.0
Chloromethane	Ave	0.4218	0.4793	0.1000	22.7	20.0	13.6	20.0
Butadiene	Ave	0.3624	0.3759		20.7	20.0	3.7	20.0
Vinyl chloride	Ave	0.4265	0.4910	0.1000	23.0	20.0	15.1	20.0
Bromomethane	Ave	3.540	4.171	0.1000	23.6	20.0	17.8	50.0
Chloroethane	Ave	2.655	2.921	0.1000	22.0	20.0	10.0	50.0
Dichlorofluoromethane	Ave	0.6379	0.7412		23.2	20.0	16.2	20.0
Pentane	Ave	0.0431	0.0510		47.4	40.0	18.4	20.0
Trichlorofluoromethane	Ave	0.5810	0.6910	0.1000	23.8	20.0	18.9	20.0
Ethanol	QuaF		0.2957		920	800	15.0	50.0
Ethyl ether	Ave	0.1423	0.1528		21.5	20.0	7.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2268	0.2486		21.9	20.0	9.6	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2802	0.3359		24.0	20.0	19.9	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3950	0.4786		24.2	20.0	21.2*	20.0
Acrolein	Ave	6.766	9.304		55.0	40.0	37.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2950	0.3328	0.1000	22.6	20.0	12.8	20.0
1,1-Dichloroethene	Ave	0.2784	0.3038	0.1000	21.8	20.0	9.1	20.0
Acetone	Ave	0.8777	0.8522	0.0500	97.1	100	-2.9	50.0
Iodomethane	Ave	0.5817	0.6557		22.5	20.0	12.7	20.0
Isopropyl alcohol	Ave	3.685	3.846		209	200	4.4	50.0
Carbon disulfide	Ave	1.061	1.182	0.1000	22.3	20.0	11.5	50.0
Allyl chloride	Ave	0.1556	0.1789		23.0	20.0	15.0	20.0
Cyclopentene	Ave	0.6029	0.6511		21.6	20.0	8.0	20.0
Methyl acetate	Ave	0.1667	0.1706	0.1000	40.9	40.0	2.3	20.0
Acetonitrile	QuaF		0.2276		278	200	39.2*	20.0
Methylene Chloride	Ave	0.3390	0.3532	0.1000	20.8	20.0	4.2	20.0
2-Methyl-2-propanol	Ave	7.470	6.690		179	200	-10.4	50.0
Methyl tert-butyl ether	Ave	0.7386	0.8318	0.1000	22.5	20.0	12.6	20.0
trans-1,2-Dichloroethene	Ave	0.2869	0.3142	0.1000	21.9	20.0	9.5	20.0
Acrylonitrile	Ave	0.0864	0.0946		219	200	9.5	20.0
Hexane	Ave	0.2788	0.3504		25.1	20.0	25.7*	20.0
Isopropyl ether	Ave	0.7154	0.8048		22.5	20.0	12.5	20.0
1,1-Dichloroethane	Ave	0.4696	0.5339	0.2000	22.7	20.0	13.7	20.0
Vinyl acetate	Ave	0.4114	0.6123		59.5	40.0	48.8*	20.0
2-Chloro-1,3-butadiene	Ave	0.2241	0.2582		23.0	20.0	15.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Lab Sample ID: CCVIS 460-728944/2 Calibration Date: 10/04/2020 06:33

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT130820.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	0.7068	0.8368		23.7	20.0	18.4	20.0
2,2-Dichloropropane	Ave	0.0910	0.1173		25.8	20.0	28.9*	20.0
cis-1,2-Dichloroethene	Ave	0.3036	0.3495	0.1000	23.0	20.0	15.1	20.0
2-Butanone (MEK)	Ave	0.3200	0.3008	0.0500	94.0	100	-6.0	50.0
Ethyl acetate	Ave	0.2554	0.2879		45.1	40.0	12.7	20.0
Methyl acrylate	Ave	0.1936	0.2075		21.4	20.0	7.2	20.0
Propionitrile	Ave	8.660	8.457		195	200	-2.3	20.0
Chlorobromomethane	Ave	0.1629	0.1815		22.3	20.0	11.4	20.0
Tetrahydrofuran	Ave	0.3369	0.3509		41.7	40.0	4.2	20.0
Methacrylonitrile	Ave	0.0948	0.1040		219	200	9.7	20.0
Chloroform	Ave	0.4939	0.5698	0.2000	23.1	20.0	15.4	20.0
Cyclohexane	Ave	0.3894	0.4531	0.1000	23.3	20.0	16.4	50.0
1,1,1-Trichloroethane	Ave	0.5083	0.5723	0.1000	22.5	20.0	12.6	20.0
Carbon tetrachloride	Ave	0.4422	0.4926	0.1000	22.3	20.0	11.4	20.0
1,1-Dichloropropene	Ave	0.3425	0.3842		22.4	20.0	12.2	20.0
Isobutyl alcohol	Ave	3.781	3.624		479	500	-4.1	50.0
2,2,4-Trimethylpentane	Ave	0.8148	0.9697		23.8	20.0	19.0	20.0
Benzene	Ave	1.344	1.484	0.5000	22.1	20.0	10.4	20.0
Tert-amyl methyl ether	Ave	0.8365	0.8766		21.0	20.0	4.8	20.0
Isopropyl acetate	Ave	0.1164	0.1333		22.9	20.0	14.4	20.0
1,2-Dichloroethane	Ave	0.4019	0.4409	0.1000	21.9	20.0	9.7	20.0
n-Heptane	Ave	0.0632	0.0770		24.4	20.0	21.9*	20.0
n-Butanol	Ave	1.443	1.298		450	500	-10.1	50.0
Trichloroethene	Ave	0.2791	0.2914	0.2000	20.9	20.0	4.4	20.0
Methylcyclohexane	Ave	0.4388	0.5125	0.1000	23.4	20.0	16.8	50.0
Ethyl acrylate	QuaF		0.0413		23.0	20.0	15.0	20.0
1,2-Dichloropropane	Ave	0.2201	0.2482	0.1000	22.6	20.0	12.8	20.0
Methyl methacrylate	Ave	0.0623	0.0671		43.1	40.0	7.8	20.0
1,4-Dioxane	Ave	1.164	1.153		396	400	-1.0	50.0
Dibromomethane	Ave	0.1737	0.1867		21.5	20.0	7.5	20.0
n-Propyl acetate	Ave	0.2767	0.2917		21.1	20.0	5.4	20.0
Bromodichloromethane	Ave	0.3700	0.3968	0.2000	21.4	20.0	7.2	20.0
2-Nitropropane	QuaF		0.0647		43.8	40.0	9.5	20.0
2-Chloroethyl vinyl ether	Qua2		0.1352		20.9	20.0	4.4	20.0
Epichlorohydrin	Ave	0.2408	0.2559		425	400	6.3	20.0
cis-1,3-Dichloropropene	Ave	0.5397	0.5909	0.2000	21.9	20.0	9.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.134	2.253	0.0500	106	100	5.6	50.0
Toluene	Ave	1.369	1.489	0.4000	21.8	20.0	8.8	20.0
trans-1,3-Dichloropropene	Ave	0.5200	0.5460	0.1000	21.0	20.0	5.0	50.0
Ethyl methacrylate	Ave	0.3428	0.3778		22.0	20.0	10.2	20.0
1,1,2-Trichloroethane	Ave	0.2422	0.2615	0.1000	21.6	20.0	8.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Lab Sample ID: CCVIS 460-728944/2 Calibration Date: 10/04/2020 06:33

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT130820.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
Tetrachloroethene	Ave	0.4219	0.4554	0.2000	21.6	20.0	8.0	20.0
1,3-Dichloropropane	Ave	0.4743	0.5171		21.8	20.0	9.0	20.0
2-Hexanone	Ave	1.323	1.344	0.0500	102	100	1.6	50.0
n-Butyl acetate	Ave	0.3810	0.4075		21.4	20.0	7.0	20.0
Dibromochloromethane	Ave	0.3646	0.4017	0.1000	22.0	20.0	10.2	50.0
1,2-Dibromoethane	Ave	0.3061	0.3215	0.1000	21.0	20.0	5.0	20.0
Chlorobenzene	Ave	0.9509	1.024	0.5000	21.5	20.0	7.7	20.0
Ethylbenzene	Ave	0.4791	0.5515	0.1000	23.0	20.0	15.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4115	0.4534		22.0	20.0	10.2	20.0
m&p-Xylene	Ave	0.5757	0.6622	0.1000	23.0	20.0	15.0	20.0
o-Xylene	Ave	0.6193	0.6973	0.3000	22.5	20.0	12.6	20.0
n-Butyl acrylate	Ave	0.2107	0.2388		22.7	20.0	13.3	20.0
Styrene	Ave	0.8970	1.063	0.3000	23.7	20.0	18.5	20.0
Bromoform	Ave	0.2665	0.2830	0.1000	21.2	20.0	6.2	20.0
Amyl acetate (mixed isomers)	Ave	0.7772	0.8194		21.1	20.0	5.4	20.0
Isopropylbenzene	Ave	1.658	1.924	0.1000	23.2	20.0	16.1	20.0
Bromobenzene	Ave	0.7691	0.8074		21.0	20.0	5.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6689	0.7121	0.3000	21.3	20.0	6.5	20.0
N-Propylbenzene	Ave	3.168	3.489		22.0	20.0	10.1	20.0
1,2,3-Trichloropropane	Ave	0.2098	0.2319		22.1	20.0	10.5	20.0
trans-1,4-Dichloro-2-butene	Qua2		0.2002		25.5	20.0	27.6*	20.0
2-Chlorotoluene	Ave	2.193	2.491		22.7	20.0	13.6	20.0
4-Ethyltoluene	Ave	2.629	3.048		23.2	20.0	15.9	20.0
1,3,5-Trimethylbenzene	Ave	2.373	2.712		22.9	20.0	14.3	20.0
4-Chlorotoluene	Ave	2.172	2.410		22.2	20.0	11.0	20.0
Butyl Methacrylate	QuaF		0.6991		20.4	20.0	1.9	20.0
tert-Butylbenzene	Ave	2.118	2.305		21.8	20.0	8.8	20.0
1,2,4-Trimethylbenzene	Ave	2.434	2.810		23.1	20.0	15.5	20.0
sec-Butylbenzene	Ave	3.173	3.515		22.2	20.0	10.8	20.0
1,3-Dichlorobenzene	Ave	1.488	1.576	0.6000	21.2	20.0	5.9	20.0
4-Isopropyltoluene	Ave	2.730	3.187		23.4	20.0	16.8	20.0
1,4-Dichlorobenzene	Ave	1.490	1.601	0.5000	21.5	20.0	7.4	20.0
1,2,3-Trimethylbenzene	Ave	2.579	2.920		22.6	20.0	13.2	20.0
Benzyl chloride	Ave	1.128	1.410		25.0	20.0	25.0	50.0
Indan	Ave	2.498	2.707		21.7	20.0	8.3	20.0
p-Diethylbenzene	Ave	1.472	1.669		22.7	20.0	13.3	20.0
n-Butylbenzene	Ave	1.395	1.664		23.9	20.0	19.3	20.0
1,2-Dichlorobenzene	Ave	1.459	1.616	0.4000	22.2	20.0	10.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.964	3.146		21.2	20.0	6.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1933	0.2022	0.0500	20.9	20.0	4.6	50.0
1,3,5-Trichlorobenzene	Ave	1.474	1.613		21.9	20.0	9.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-728944/2 Calibration Date: 10/04/2020 06:33
 Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12
 Lab File ID: TT130820.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	1.492	1.574	0.2000	21.1	20.0	5.5	20.0
Hexachlorobutadiene	Ave	0.7507	0.7965		21.2	20.0	6.1	20.0
Naphthalene	Ave	2.841	2.999		21.1	20.0	5.6	50.0
1,2,3-Trichlorobenzene	Ave	1.345	1.449		21.5	20.0	7.7	20.0
Dibromofluoromethane (Surr)	Ave	0.3113	0.3240		52.0	50.0	4.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3718	0.3939		53.0	50.0	5.9	20.0
Toluene-d8 (Surr)	Ave	1.360	1.395		51.3	50.0	2.5	20.0
4-Bromofluorobenzene	Ave	0.4873	0.4955		50.8	50.0	1.7	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 04-Oct-2020 06:33:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0117814-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 08:38:38 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:33:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	74	11130	20.0	23.8	
2 1,1-Difluoroethane	51	1.269	1.269	0.000	95	85732	20.0	23.7	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	55	38240	20.0	22.9	
4 Dichlorodifluoromethane	85	1.293	1.293	0.000	99	154236	20.0	24.1	
5 Chlorodifluoromethane	51	1.312	1.312	0.000	99	124617	20.0	22.8	
6 Chloromethane	50	1.434	1.434	0.000	99	114791	20.0	22.7	
8 Butadiene	54	1.495	1.495	0.000	96	90020	20.0	20.7	
7 Vinyl chloride	62	1.507	1.507	0.000	98	117580	20.0	23.0	
9 Bromomethane	94	1.726	1.726	0.000	97	94521	20.0	23.6	
10 Chloroethane	64	1.775	1.775	0.000	100	66207	20.0	22.0	
11 Dichlorofluoromethane	67	1.927	1.927	0.000	98	177519	20.0	23.2	
12 Trichlorofluoromethane	101	1.940	1.940	0.000	98	165483	20.0	23.8	
13 Pentane	72	1.940	1.940	0.000	95	24445	40.0	47.4	
14 Ethanol	46	2.086	2.086	0.000	90	11801	800.0	920.1	
15 Ethyl ether	74	2.104	2.104	0.000	95	36596	20.0	21.5	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	96	59545	20.0	21.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	88	80434	20.0	24.0	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	93	114615	20.0	24.2	a
19 Acrolein	56	2.250	2.250	0.000	76	18565	40.0	55.0	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.263	2.263	0.000	91	79705	20.0	22.6	a
21 1,1-Dichloroethene	96	2.281	2.281	0.000	97	72766	20.0	21.8	
22 Acetone	43	2.354	2.354	0.000	86	96570	100.0	97.1	
23 Iodomethane	142	2.415	2.415	0.000	99	157038	20.0	22.5	
25 Isopropyl alcohol	45	2.433	2.433	0.000	35	38373	200.0	208.8	
24 Carbon disulfide	76	2.439	2.439	0.000	100	283190	20.0	22.3	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	85	42854	20.0	23.0	
27 Methyl acetate	43	2.561	2.561	0.000	72	81731	40.0	40.9	
28 Cyclopentene	67	2.561	2.561	0.000	94	155929	20.0	21.6	
29 Acetonitrile	40	2.610	2.610	0.000	96	51579	200.0	278.4	a
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	98	49883	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	2.659	2.659	0.000	91	84595	20.0	20.8	
32 2-Methyl-2-propanol	59	2.720	2.720	0.000	91	66739	200.0	179.1	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	95	199211	20.0	22.5	
34 trans-1,2-Dichloroethene	96	2.817	2.817	0.000	95	75254	20.0	21.9	
35 Acrylonitrile	53	2.885	2.885	0.000	93	226517	200.0	219.0	
36 Hexane	57	2.958	2.958	0.000	90	83915	20.0	25.1	
37 Isopropyl ether	45	3.147	3.147	0.000	92	192747	20.0	22.5	
38 1,1-Dichloroethane	63	3.171	3.171	0.000	99	127872	20.0	22.7	
39 Vinyl acetate	86	3.189	3.189	0.000	99	27753	40.0	59.5	
40 2-Chloro-1,3-butadiene	88	3.208	3.208	0.000	92	61835	20.0	23.0	
41 Tert-butyl ethyl ether	59	3.433	3.433	0.000	89	200418	20.0	23.7	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	93	283284	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	74	28083	20.0	25.8	
44 cis-1,2-Dichloroethene	96	3.634	3.634	0.000	99	83691	20.0	23.0	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	96	34080	100.0	94.0	
46 Ethyl acetate	70	3.671	3.671	0.000	96	13048	40.0	45.1	
47 Methyl acrylate	55	3.714	3.714	0.000	99	49690	20.0	21.4	
48 Propionitrile	54	3.781	3.781	0.000	96	84373	200.0	195.3	
49 Chlorobromomethane	128	3.842	3.842	0.000	77	43461	20.0	22.3	
50 Tetrahydrofuran	72	3.842	3.842	0.000	66	15906	40.0	41.7	
51 Methacrylonitrile	67	3.872	3.872	0.000	90	249114	200.0	219.5	
52 Chloroform	83	3.897	3.897	0.000	98	136453	20.0	23.1	
53 Cyclohexane	84	4.012	4.012	0.000	90	108507	20.0	23.3	
54 1,1,1-Trichloroethane	97	4.025	4.025	0.000	98	137059	20.0	22.5	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	193964	50.0	52.0	
56 Carbon tetrachloride	117	4.128	4.128	0.000	97	117968	20.0	22.3	
57 1,1-Dichloropropene	75	4.159	4.159	0.000	95	92008	20.0	22.4	
58 Isobutyl alcohol	43	4.305	4.305	0.000	68	90391	500.0	479.3	
59 Isooctane	57	4.323	4.323	0.000	98	232228	20.0	23.8	
60 Benzene	78	4.342	4.342	0.000	97	263125	20.0	22.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	235850	50.0	53.0	
62 Tert-amyl methyl ether	73	4.415	4.415	0.000	79	209929	20.0	21.0	
63 Isopropyl acetate	61	4.421	4.421	0.000	92	31913	20.0	22.9	
64 1,2-Dichloroethane	62	4.427	4.427	0.000	99	105592	20.0	21.9	
65 n-Heptane	100	4.500	4.500	0.000	86	18452	20.0	24.4	
* 66 Fluorobenzene	96	4.616	4.616	0.000	98	598730	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	89	32363	500.0	449.7	
68 Trichloroethene	95	4.945	4.945	0.000	97	69789	20.0	20.9	
69 Methylcyclohexane	83	5.061	5.061	0.000	94	122728	20.0	23.4	
70 Ethyl acrylate	99	5.079	5.079	0.000	98	9886	20.0	23.0	
71 1,2-Dichloropropane	63	5.213	5.213	0.000	85	59453	20.0	22.6	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	87	30699	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	84	32159	40.0	43.1	
74 Dibromomethane	93	5.335	5.335	0.000	91	44712	20.0	21.5	
75 1,4-Dioxane	88	5.335	5.335	0.000	39	14156	400.0	396.1	
76 n-Propyl acetate	43	5.372	5.372	0.000	98	69854	20.0	21.1	
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	95038	20.0	21.4	
78 2-Nitropropane	41	5.817	5.817	0.000	87	30990	40.0	43.8	
79 2-Chloroethyl vinyl ether	63	5.823	5.823	0.000	79	32466	20.0	20.9	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	116010	400.0	425.2	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	95	104779	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	255260	100.0	105.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.195	6.195	0.000	99	618353	50.0	51.3	
84 Toluene	91	6.274	6.274	0.000	94	264086	20.0	21.8	
85 trans-1,3-Dichloropropene	75	6.622	6.622	0.000	98	96804	20.0	21.0	
86 Ethyl methacrylate	69	6.670	6.670	0.000	90	66995	20.0	22.0	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	46370	20.0	21.6	
88 Tetrachloroethene	166	6.853	6.853	0.000	96	80751	20.0	21.6	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	93	91694	20.0	21.8	
90 2-Hexanone	43	7.109	7.109	0.000	94	152302	100.0	101.6	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	72262	20.0	21.4	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	71233	20.0	22.0	
93 Ethylene Dibromide	107	7.384	7.384	0.000	99	57007	20.0	21.0	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	443279	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	181514	20.0	21.5	
96 Ethylbenzene	106	8.073	8.073	0.000	98	97783	20.0	23.0	
97 1,1,1,2-Tetrachloroethane	131	8.079	8.079	0.000	93	80395	20.0	22.0	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	117415	20.0	23.0	
99 o-Xylene	106	8.743	8.743	0.000	95	123647	20.0	22.5	
100 n-Butyl acrylate	73	8.768	8.768	0.000	96	42338	20.0	22.7	
101 Styrene	104	8.780	8.780	0.000	95	188526	20.0	23.7	
102 Bromoform	173	9.030	9.030	0.000	97	50174	20.0	21.2	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	92	87060	20.0	21.1	
104 Isopropylbenzene	105	9.213	9.213	0.000	96	341221	20.0	23.2	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	219637	50.0	50.8	
106 Bromobenzene	156	9.597	9.597	0.000	92	85780	20.0	21.0	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	96	75658	20.0	21.3	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	370714	20.0	22.0	
109 1,2,3-Trichloropropane	110	9.731	9.731	0.000	95	24639	20.0	22.1	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	87	21270	20.0	25.5	
111 2-Chlorotoluene	91	9.810	9.810	0.000	97	264710	20.0	22.7	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	323870	20.0	23.2	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	288107	20.0	22.9	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	256034	20.0	22.2	
115 Butyl Methacrylate	87	10.066	10.066	0.000	93	74279	20.0	20.4	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	244864	20.0	21.8	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	298550	20.0	23.1	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	373455	20.0	22.2	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	167410	20.0	21.2	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	338633	20.0	23.4	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	265619	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	170061	20.0	21.5	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	310246	20.0	22.6	
124 Benzyl chloride	91	10.846	10.846	0.000	98	149762	20.0	25.0	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	94	287613	20.0	21.7	
126 p-Diethylbenzene	119	10.987	10.987	0.000	94	177299	20.0	22.7	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	176810	20.0	23.9	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	96	171678	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	334213	20.0	21.2	
130 1,2-Dibromo-3-Chloropropane	157	11.743	11.743	0.000	95	21486	20.0	20.9	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	171395	20.0	21.9	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	167202	20.0	21.1	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	96	84624	20.0	21.2	
134 Naphthalene	128	12.559	12.559	0.000	99	318676	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
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	153968	20.0	21.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.9	
S 137 Xylenes, Total	100				0		40.0	45.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.9	
S 140 Total BTEX	1				0		100.0	112.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D

Injection Date: 04-Oct-2020 06:33:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

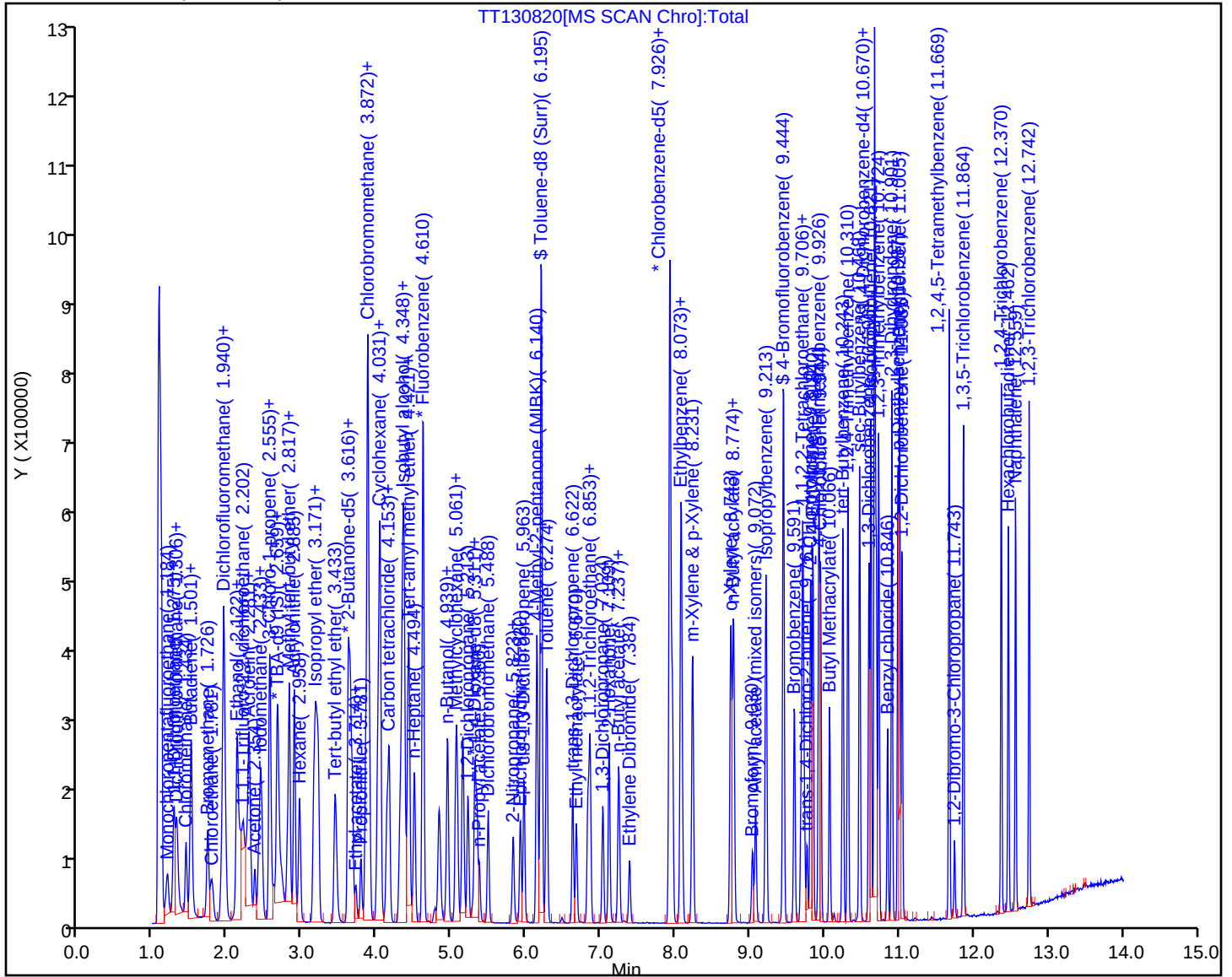
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D

Injection Date: 04-Oct-2020 06:33:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

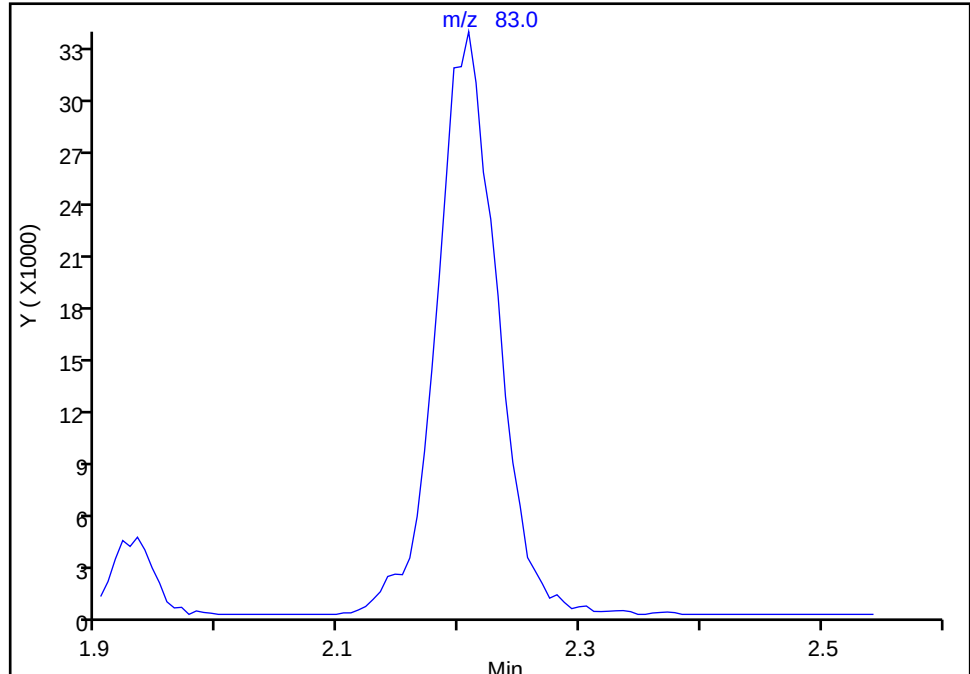
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

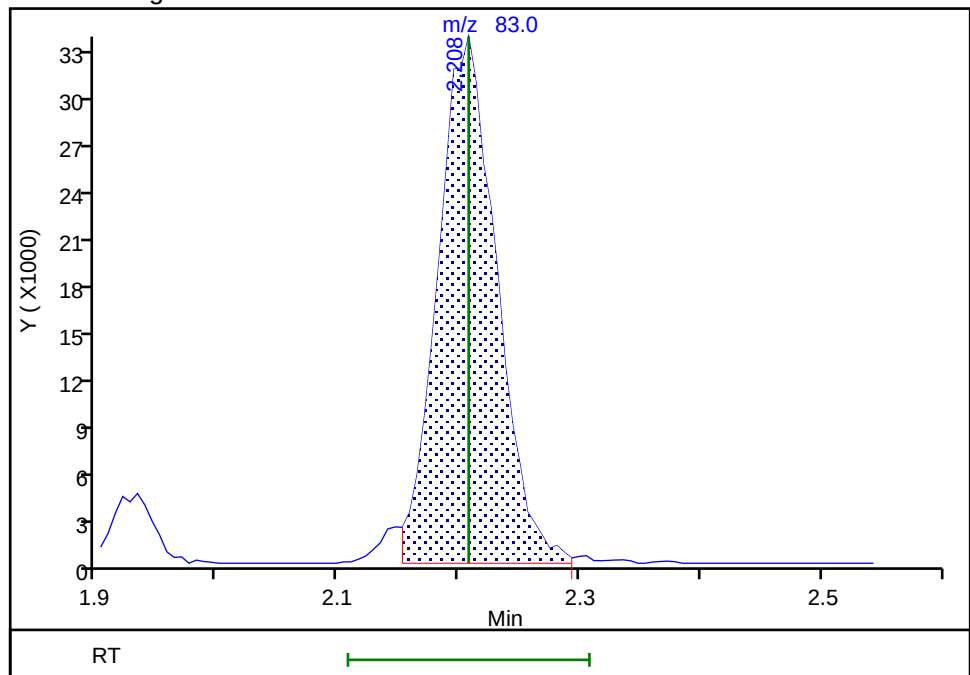
Not Detected

Expected RT: 2.21

Processing Integration Results



Manual Integration Results



RT: 2.21

Area: 114615

Amount: 24.234555

Amount Units: ug/l

Reviewer: desais, 04-Oct-2020 06:54:26

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D

Injection Date: 04-Oct-2020 06:33:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

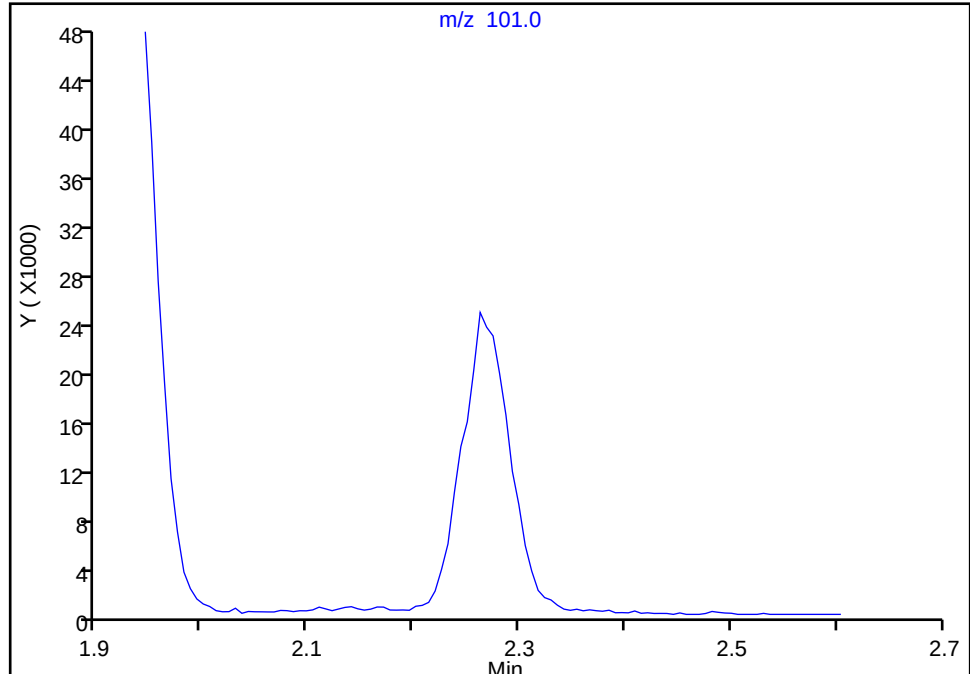
Detector MS Quad

20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

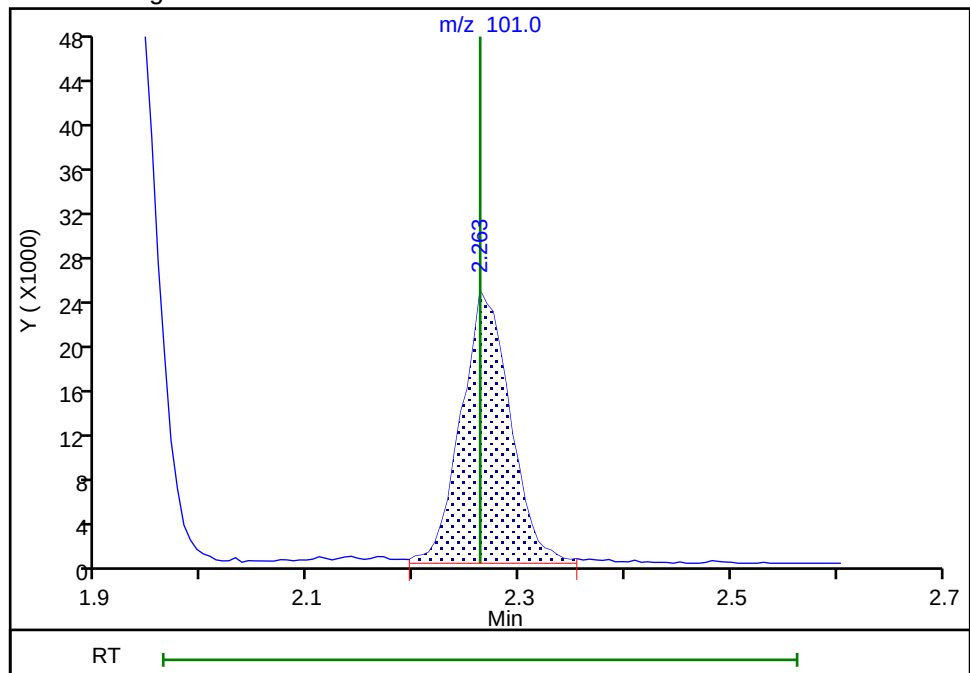
Signal: 1

Not Detected
Expected RT: 2.26

Processing Integration Results

RT: 2.26
Area: 79705
Amount: 22.562302
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 06:54:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D

Injection Date: 04-Oct-2020 06:33:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

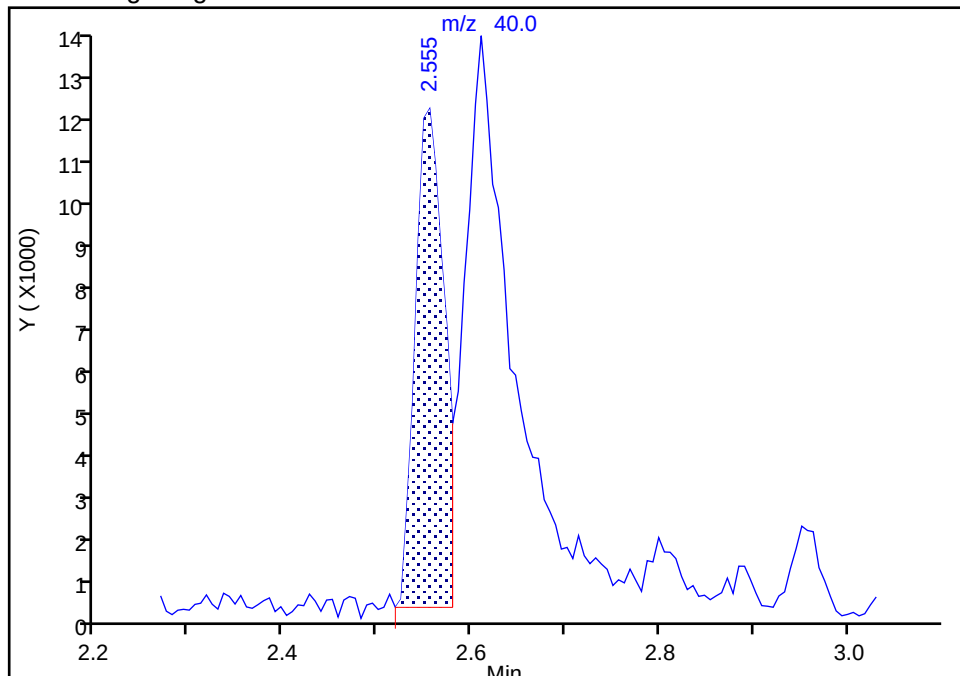
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

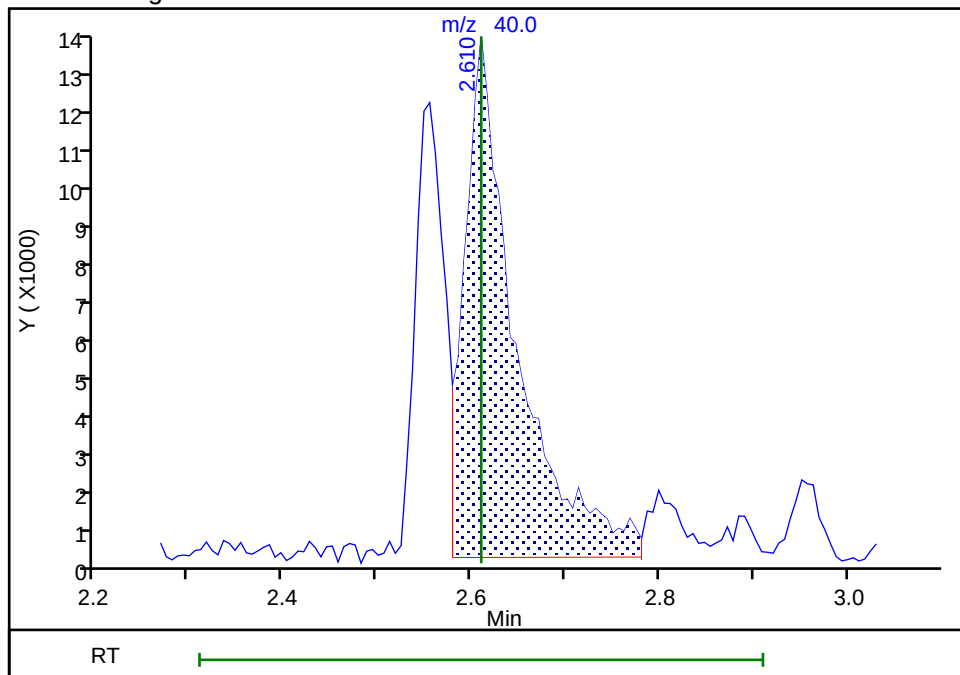
RT: 2.56
Area: 24944
Amount: 126.6875
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 51579
Amount: 278.3797
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 06:54:39

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130820.D

Injection Date: 04-Oct-2020 06:33:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

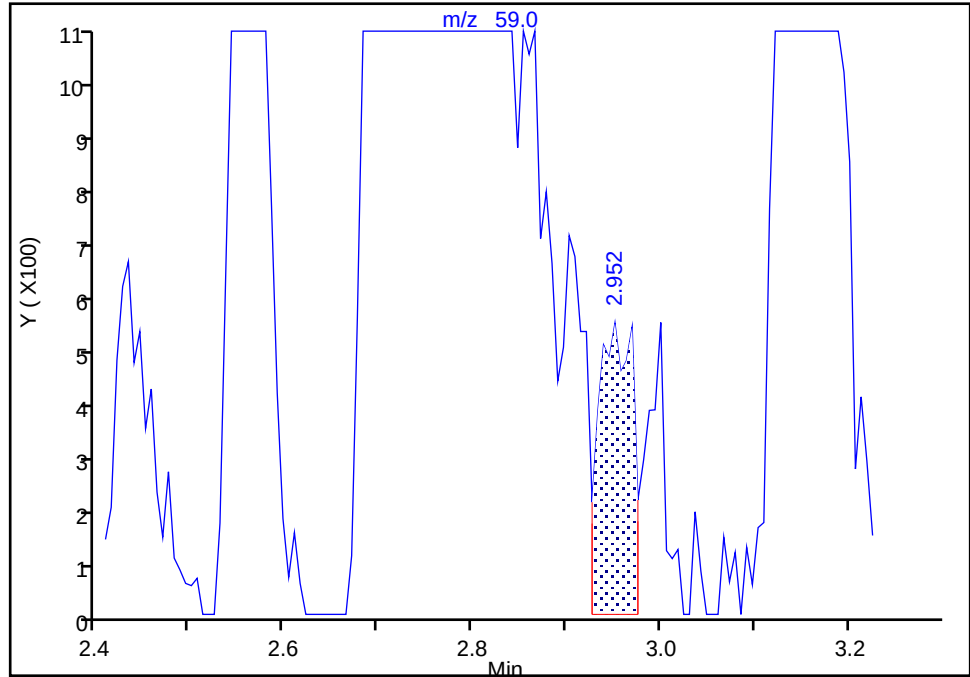
MS Quad

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

Signal: 1

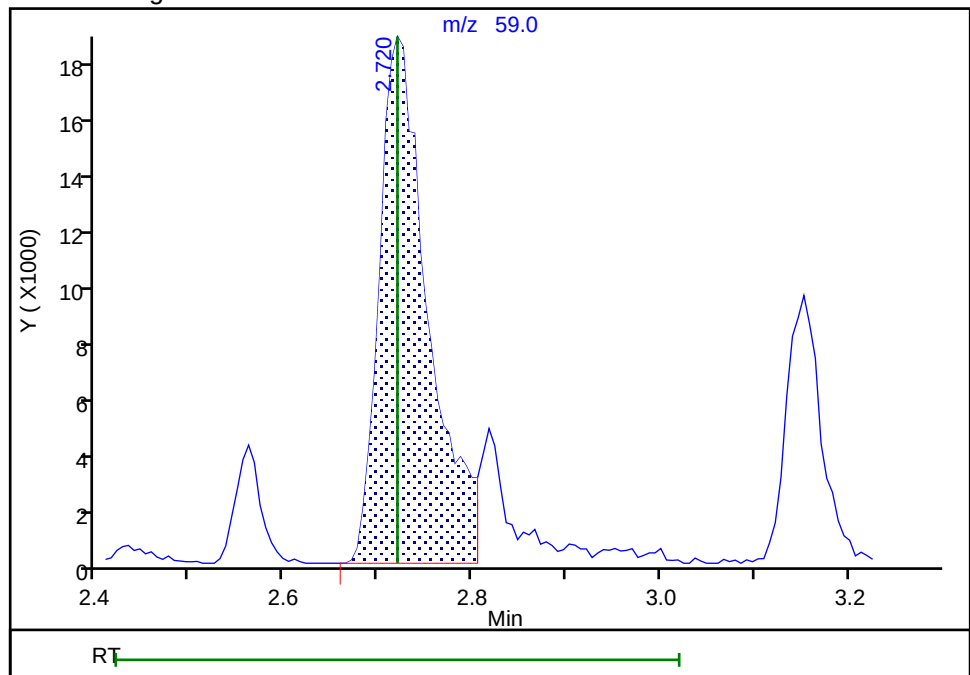
RT: 2.95
Area: 1318
Amount: 3.997607
Amount Units: ug/l

Processing Integration Results



RT: 2.72
Area: 66739
Amount: 179.1051
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 04-Oct-2020 06:54:55

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.: 460-219430-1

SDG No.: _____

Lab Sample ID: CCVIS 460-729856/2 Calibration Date: 10/07/2020 18:08

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT131034.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	QuaF		0.0370		19.0	20.0	-5.2	20.0
1,1-Difluoroethane	Ave	0.3027	0.3009		19.9	20.0	-0.6	20.0
Chlorotrifluoroethene	Ave	0.1396	0.1437		20.6	20.0	3.0	20.0
Dichlorodifluoromethane	Ave	0.5339	0.5108	0.1000	19.1	20.0	-4.3	20.0
Chlorodifluoromethane	Ave	0.4571	0.4541		19.9	20.0	-0.7	20.0
Chloromethane	Ave	0.4218	0.4163	0.1000	19.7	20.0	-1.3	20.0
Butadiene	Ave	0.3624	0.3456		19.1	20.0	-4.6	20.0
Vinyl chloride	Ave	0.4265	0.4256	0.1000	20.0	20.0	-0.2	20.0
Bromomethane	Ave	3.540	3.644	0.1000	20.6	20.0	2.9	50.0
Chloroethane	Ave	2.655	2.514	0.1000	18.9	20.0	-5.3	50.0
Dichlorofluoromethane	Ave	0.6379	0.6573		20.6	20.0	3.0	20.0
Trichlorofluoromethane	Ave	0.5810	0.6047	0.1000	20.8	20.0	4.1	20.0
Pentane	Ave	0.0431	0.0446		41.4	40.0	3.5	20.0
Ethanol	QuaF		0.2713		845	800	5.6	50.0
Ethyl ether	Ave	0.1423	0.1427		20.1	20.0	0.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2268	0.2262		19.9	20.0	-0.3	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2802	0.3011		21.5	20.0	7.4	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3950	0.4319		21.9	20.0	9.3	20.0
Acrolein	Ave	6.766	7.989		47.2	40.0	18.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2950	0.3075	0.1000	20.8	20.0	4.2	20.0
1,1-Dichloroethene	Ave	0.2784	0.2811	0.1000	20.2	20.0	1.0	20.0
Acetone	Ave	0.8777	0.7590	0.0500	86.5	100	-13.5	50.0
Iodomethane	Ave	0.5817	0.6267		21.5	20.0	7.7	20.0
Isopropyl alcohol	Ave	3.685	3.744		203	200	1.6	50.0
Carbon disulfide	Ave	1.061	1.087	0.1000	20.5	20.0	2.5	50.0
Allyl chloride	Ave	0.1556	0.1662		21.4	20.0	6.8	20.0
Methyl acetate	Ave	0.1667	0.1592	0.1000	38.2	40.0	-4.5	20.0
Cyclopentene	Ave	0.6029	0.5907		19.6	20.0	-2.0	20.0
Acetonitrile	QuaF		0.2047		250	200	25.2*	20.0
Methylene Chloride	Ave	0.3390	0.3267	0.1000	19.3	20.0	-3.6	20.0
2-Methyl-2-propanol	Ave	7.470	7.057		189	200	-5.5	50.0
Methyl tert-butyl ether	Ave	0.7386	0.7431	0.1000	20.1	20.0	0.6	20.0
trans-1,2-Dichloroethene	Ave	0.2869	0.3068	0.1000	21.4	20.0	6.9	20.0
Acrylonitrile	Ave	0.0864	0.0867		201	200	0.4	20.0
Hexane	Ave	0.2788	0.3095		22.2	20.0	11.0	20.0
Isopropyl ether	Ave	0.7154	0.7130		19.9	20.0	-0.3	20.0
1,1-Dichloroethane	Ave	0.4696	0.4923	0.2000	21.0	20.0	4.8	20.0
Vinyl acetate	Ave	0.4114	0.5709		55.5	40.0	38.8*	20.0
2-Chloro-1,3-butadiene	Ave	0.2241	0.2372		21.2	20.0	5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Lab Sample ID: CCVIS 460-729856/2 Calibration Date: 10/07/2020 18:08

Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12

Lab File ID: TT131034.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	0.7068	0.7216		20.4	20.0	2.1	20.0
2,2-Dichloropropane	Ave	0.0910	0.1066		23.4	20.0	17.2	20.0
cis-1,2-Dichloroethene	Ave	0.3036	0.3125	0.1000	20.6	20.0	2.9	20.0
2-Butanone (MEK)	Ave	0.3200	0.2789	0.0500	87.2	100	-12.8	50.0
Ethyl acetate	Ave	0.2554	0.2610		40.9	40.0	2.2	20.0
Methyl acrylate	Ave	0.1936	0.1894		19.6	20.0	-2.2	20.0
Propionitrile	Ave	8.660	7.763		179	200	-10.4	20.0
Chlorobromomethane	Ave	0.1629	0.1766		21.7	20.0	8.4	20.0
Tetrahydrofuran	Ave	0.3369	0.3374		40.1	40.0	0.1	20.0
Methacrylonitrile	Ave	0.0948	0.0948		200	200	0.0	20.0
Chloroform	Ave	0.4939	0.5161	0.2000	20.9	20.0	4.5	20.0
Cyclohexane	Ave	0.3894	0.4098	0.1000	21.0	20.0	5.2	50.0
1,1,1-Trichloroethane	Ave	0.5083	0.5197	0.1000	20.4	20.0	2.2	20.0
Carbon tetrachloride	Ave	0.4422	0.4467	0.1000	20.2	20.0	1.0	20.0
1,1-Dichloropropene	Ave	0.3425	0.3556		20.8	20.0	3.8	20.0
Isobutyl alcohol	Ave	3.781	3.408		451	500	-9.9	50.0
2,2,4-Trimethylpentane	Ave	0.8148	0.8619		21.2	20.0	5.8	20.0
Benzene	Ave	1.344	1.356	0.5000	20.2	20.0	0.9	20.0
Tert-amyl methyl ether	Ave	0.8365	0.8760		20.9	20.0	4.7	20.0
Isopropyl acetate	Ave	0.1164	0.1181		20.3	20.0	1.4	20.0
1,2-Dichloroethane	Ave	0.4019	0.3950	0.1000	19.7	20.0	-1.7	20.0
n-Heptane	Ave	0.0632	0.0666		21.1	20.0	5.5	20.0
n-Butanol	Ave	1.443	1.190		412	500	-17.5	50.0
Trichloroethene	Ave	0.2791	0.2673	0.2000	19.2	20.0	-4.2	20.0
Methylcyclohexane	Ave	0.4388	0.4486	0.1000	20.4	20.0	2.2	50.0
Ethyl acrylate	QuaF		0.0390		21.7	20.0	8.7	20.0
1,2-Dichloropropane	Ave	0.2201	0.2207	0.1000	20.1	20.0	0.3	20.0
Methyl methacrylate	Ave	0.0623	0.0626		40.2	40.0	0.5	20.0
1,4-Dioxane	Ave	1.164	1.057		363	400	-9.2	50.0
Dibromomethane	Ave	0.1737	0.1694		19.5	20.0	-2.5	20.0
n-Propyl acetate	Ave	0.2767	0.2570		18.6	20.0	-7.1	20.0
Bromodichloromethane	Ave	0.3700	0.3599	0.2000	19.5	20.0	-2.7	20.0
2-Nitropropane	QuaF		0.0570		38.6	40.0	-3.4	20.0
2-Chloroethyl vinyl ether	Qua2		0.1157		18.0	20.0	-10.5	20.0
Epichlorohydrin	Ave	0.2408	0.2407		400	400	-0.0	20.0
cis-1,3-Dichloropropene	Ave	0.5397	0.5395	0.2000	20.0	20.0	-0.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.134	2.010	0.0500	94.2	100	-5.8	50.0
Toluene	Ave	1.369	1.371	0.4000	20.0	20.0	0.1	20.0
trans-1,3-Dichloropropene	Ave	0.5200	0.4739	0.1000	18.2	20.0	-8.9	50.0
Ethyl methacrylate	Ave	0.3428	0.3349		19.5	20.0	-2.3	20.0
1,1,2-Trichloroethane	Ave	0.2422	0.2422	0.1000	20.0	20.0	0.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-729856/2 Calibration Date: 10/07/2020 18:08
 Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12
 Lab File ID: TT131034.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
Tetrachloroethene	Ave	0.4219	0.4256	0.2000	20.2	20.0	0.9	20.0
1,3-Dichloropropane	Ave	0.4743	0.4613		19.5	20.0	-2.7	20.0
2-Hexanone	Ave	1.323	1.184	0.0500	89.5	100	-10.5	50.0
n-Butyl acetate	Ave	0.3810	0.3513		18.4	20.0	-7.8	20.0
Dibromochloromethane	Ave	0.3646	0.3667	0.1000	20.1	20.0	0.6	50.0
1,2-Dibromoethane	Ave	0.3061	0.3039	0.1000	19.9	20.0	-0.7	20.0
Chlorobenzene	Ave	0.9509	0.9481	0.5000	19.9	20.0	-0.3	20.0
Ethylbenzene	Ave	0.4791	0.5101	0.1000	21.3	20.0	6.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4115	0.4176		20.3	20.0	1.5	20.0
m&p-Xylene	Ave	0.5757	0.6212	0.1000	21.6	20.0	7.9	20.0
o-Xylene	Ave	0.6193	0.6305	0.3000	20.4	20.0	1.8	20.0
n-Butyl acrylate	Ave	0.2107	0.2027		19.2	20.0	-3.8	20.0
Styrene	Ave	0.8970	0.9585	0.3000	21.4	20.0	6.9	20.0
Bromoform	Ave	0.2665	0.2653	0.1000	19.9	20.0	-0.5	20.0
Amyl acetate (mixed isomers)	Ave	0.7772	0.6992		18.0	20.0	-10.0	20.0
Isopropylbenzene	Ave	1.658	1.694	0.1000	20.4	20.0	2.2	20.0
Bromobenzene	Ave	0.7691	0.7423		19.3	20.0	-3.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6689	0.6353	0.3000	19.0	20.0	-5.0	20.0
N-Propylbenzene	Ave	3.168	3.015		19.0	20.0	-4.8	20.0
1,2,3-Trichloropropane	Ave	0.2098	0.2127		20.3	20.0	1.4	20.0
trans-1,4-Dichloro-2-butene	Qua2		0.1578		20.2	20.0	1.1	20.0
2-Chlorotoluene	Ave	2.193	2.212		20.2	20.0	0.9	20.0
4-Ethyltoluene	Ave	2.629	2.707		20.6	20.0	2.9	20.0
1,3,5-Trimethylbenzene	Ave	2.373	2.387		20.1	20.0	0.6	20.0
4-Chlorotoluene	Ave	2.172	2.155		19.8	20.0	-0.8	20.0
Butyl Methacrylate	QuaF		0.5902		17.2	20.0	-13.9	20.0
tert-Butylbenzene	Ave	2.118	2.037		19.2	20.0	-3.8	20.0
1,2,4-Trimethylbenzene	Ave	2.434	2.503		20.6	20.0	2.9	20.0
sec-Butylbenzene	Ave	3.173	3.139		19.8	20.0	-1.1	20.0
1,3-Dichlorobenzene	Ave	1.488	1.473	0.6000	19.8	20.0	-1.0	20.0
4-Isopropyltoluene	Ave	2.730	2.806		20.6	20.0	2.8	20.0
1,4-Dichlorobenzene	Ave	1.490	1.488	0.5000	20.0	20.0	-0.1	20.0
1,2,3-Trimethylbenzene	Ave	2.579	2.615		20.3	20.0	1.4	20.0
Benzyl chloride	Ave	1.128	1.227		21.8	20.0	8.8	50.0
Indan	Ave	2.498	2.441		19.5	20.0	-2.3	20.0
p-Diethylbenzene	Ave	1.472	1.506		20.5	20.0	2.3	20.0
n-Butylbenzene	Ave	1.395	1.466		21.0	20.0	5.1	20.0
1,2-Dichlorobenzene	Ave	1.459	1.498	0.4000	20.5	20.0	2.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.964	2.824		19.1	20.0	-4.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1933	0.1765	0.0500	18.3	20.0	-8.7	50.0
1,3,5-Trichlorobenzene	Ave	1.474	1.479		20.1	20.0	0.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-729856/2 Calibration Date: 10/07/2020 18:08
 Instrument ID: CVOAMS17 Calib Start Date: 10/03/2020 11:44
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 10/03/2020 14:12
 Lab File ID: TT131034.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	1.492	1.410	0.2000	18.9	20.0	-5.5	20.0
Hexachlorobutadiene	Ave	0.7507	0.7324		19.5	20.0	-2.4	20.0
Naphthalene	Ave	2.841	2.702		19.0	20.0	-4.9	50.0
1,2,3-Trichlorobenzene	Ave	1.345	1.316		19.6	20.0	-2.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3113	0.3267		52.5	50.0	4.9	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3718	0.3775		50.8	50.0	1.5	20.0
Toluene-d8 (Surr)	Ave	1.360	1.362		50.0	50.0	0.1	20.0
4-Bromofluorobenzene	Ave	0.4873	0.4892		50.2	50.0	0.4	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Oct-2020 18:08:30 ALS Bottle#: 1 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0118001-002
 Operator ID: Instrument ID: CVOAMS17
 Sublist: chrom-8260W_17*sub2
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 11:32:52 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 07-Oct-2020 18:39:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.196	1.196	0.000	94	8233	20.0	19.0	a
3 Chlorotrifluoroethene	116	1.275	1.275	0.000	58	31963	20.0	20.6	a
2 1,1-Difluoroethane	51	1.275	1.275	0.000	94	66926	20.0	19.9	
4 Dichlorodifluoromethane	85	1.299	1.299	0.000	99	113627	20.0	19.1	
5 Chlorodifluoromethane	51	1.311	1.311	0.000	99	101016	20.0	19.9	
6 Chloromethane	50	1.439	1.439	0.000	99	92598	20.0	19.7	
8 Butadiene	54	1.507	1.507	0.000	96	76874	20.0	19.1	
7 Vinyl chloride	62	1.513	1.513	0.000	97	94677	20.0	20.0	
9 Bromomethane	94	1.726	1.726	0.000	98	73695	20.0	20.6	
10 Chloroethane	64	1.775	1.775	0.000	99	50835	20.0	18.9	
11 Dichlorofluoromethane	67	1.933	1.933	0.000	98	146220	20.0	20.6	
12 Trichlorofluoromethane	101	1.945	1.945	0.000	80	134507	20.0	20.8	
13 Pentane	72	1.952	1.952	0.000	94	19847	40.0	41.4	
14 Ethanol	46	2.098	2.098	0.000	85	9655	800.0	844.6	
15 Ethyl ether	74	2.110	2.110	0.000	94	31750	20.0	20.1	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	97	50307	20.0	19.9	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	86	66967	20.0	21.5	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	92	96065	20.0	21.9	a
19 Acrolein	56	2.256	2.256	0.000	55	14218	40.0	47.2	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.269	0.000	52	68398	20.0	20.8	a
21 1,1-Dichloroethene	96	2.287	2.287	0.000	97	62526	20.0	20.2	
22 Acetone	43	2.360	2.360	0.000	87	76745	100.0	86.5	
23 Iodomethane	142	2.415	2.415	0.000	99	139399	20.0	21.5	
25 Isopropyl alcohol	45	2.445	2.445	0.000	34	33312	200.0	203.2	
24 Carbon disulfide	76	2.451	2.451	0.000	99	241843	20.0	20.5	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	83	36966	20.0	21.4	
27 Methyl acetate	43	2.561	2.561	0.000	73	70844	40.0	38.2	
28 Cyclopentene	67	2.567	2.567	0.000	90	131395	20.0	19.6	
29 Acetonitrile	40	2.610	2.610	0.000	95	41394	200.0	250.4	a
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	98	44491	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	2.665	2.665	0.000	83	72672	20.0	19.3	
32 2-Methyl-2-propanol	59	2.726	2.726	0.000	97	62797	200.0	189.0	a
33 Methyl tert-butyl ether	73	2.811	2.811	0.000	96	165308	20.0	20.1	
34 trans-1,2-Dichloroethene	96	2.823	2.823	0.000	93	68247	20.0	21.4	
35 Acrylonitrile	53	2.890	2.890	0.000	95	192791	200.0	200.7	
36 Hexane	57	2.957	2.957	0.000	90	68837	20.0	22.2	
37 Isopropyl ether	45	3.153	3.153	0.000	92	158607	20.0	19.9	
38 1,1-Dichloroethane	63	3.171	3.171	0.000	99	109516	20.0	21.0	
39 Vinyl acetate	86	3.189	3.189	0.000	99	23092	40.0	55.5	
40 2-Chloro-1,3-butadiene	88	3.213	3.213	0.000	92	52759	20.0	21.2	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	90	160521	20.0	20.4	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	93	252795	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	71	23703	20.0	23.4	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	99	69507	20.0	20.6	
45 2-Butanone (MEK)	72	3.665	3.665	0.000	96	28202	100.0	87.2	
46 Ethyl acetate	70	3.665	3.665	0.000	96	10555	40.0	40.9	
47 Methyl acrylate	55	3.713	3.713	0.000	99	42132	20.0	19.6	
48 Propionitrile	54	3.780	3.780	0.000	97	69077	200.0	179.3	
49 Chlorobromomethane	128	3.841	3.841	0.000	74	39292	20.0	21.7	
50 Tetrahydrofuran	72	3.848	3.848	0.000	55	13647	40.0	40.1	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	210926	200.0	200.1	
52 Chloroform	83	3.896	3.896	0.000	98	114795	20.0	20.9	
53 Cyclohexane	84	4.006	4.006	0.000	88	91161	20.0	21.0	
54 1,1,1-Trichloroethane	97	4.024	4.024	0.000	97	115606	20.0	20.4	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.000	97	181661	50.0	52.5	
56 Carbon tetrachloride	117	4.134	4.134	0.000	98	99371	20.0	20.2	
57 1,1-Dichloropropene	75	4.158	4.158	0.000	96	79109	20.0	20.8	
58 Isobutyl alcohol	43	4.305	4.305	0.000	97	75815	500.0	450.7	
59 Isooctane	57	4.323	4.323	0.000	98	191734	20.0	21.2	
60 Benzene	78	4.341	4.341	0.000	96	220226	20.0	20.2	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	209957	50.0	50.8	
62 Tert-amyl methyl ether	73	4.414	4.414	0.000	80	194865	20.0	20.9	
63 Isopropyl acetate	61	4.421	4.421	0.000	90	26264	20.0	20.3	
64 1,2-Dichloroethane	62	4.427	4.427	0.000	98	87866	20.0	19.7	
65 n-Heptane	100	4.500	4.500	0.000	88	14824	20.0	21.1	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	556110	50.0	50.0	
67 n-Butanol	56	4.933	4.933	0.000	91	26465	500.0	412.3	
68 Trichloroethene	95	4.939	4.939	0.000	96	59463	20.0	19.2	
69 Methylcyclohexane	83	5.055	5.055	0.000	94	99796	20.0	20.4	a
71 1,2-Dichloropropane	63	5.213	5.213	0.000	85	49092	20.0	20.1	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	90	28756	1000.0	1000.0	
70 Ethyl acrylate	99	5.079	5.079	0.000	97	8676	20.0	21.7	a
73 Methyl methacrylate	100	5.311	5.311	0.000	86	27851	40.0	40.2	
75 1,4-Dioxane	88	5.329	5.329	0.000	40	12161	400.0	363.3	
74 Dibromomethane	93	5.335	5.335	0.000	91	37688	20.0	19.5	
76 n-Propyl acetate	43	5.372	5.372	0.000	98	57170	20.0	18.6	
77 Dichlorobromomethane	83	5.487	5.487	0.000	99	80052	20.0	19.5	
78 2-Nitropropane	41	5.817	5.817	0.000	85	25339	40.0	38.6	
79 2-Chloroethyl vinyl ether	63	5.823	5.823	0.000	77	25790	20.0	18.0	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	97338	400.0	399.8	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	93	87615	20.0	20.0	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	203199	100.0	94.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	552904	50.0	50.0	
84 Toluene	91	6.274	6.274	0.000	94	222617	20.0	20.0	
85 trans-1,3-Dichloropropene	75	6.621	6.621	0.000	98	76965	20.0	18.2	
86 Ethyl methacrylate	69	6.670	6.670	0.000	87	54394	20.0	19.5	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	39335	20.0	20.0	
88 Tetrachloroethene	166	6.853	6.853	0.000	98	69112	20.0	20.2	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	94	74918	20.0	19.5	
90 2-Hexanone	43	7.109	7.109	0.000	96	119719	100.0	89.5	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	57061	20.0	18.4	
92 Chlorodibromomethane	129	7.243	7.243	0.000	97	59561	20.0	20.1	
93 Ethylene Dibromide	107	7.383	7.383	0.000	98	49349	20.0	19.9	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	85	406013	50.0	50.0	
95 Chlorobenzene	112	7.956	7.956	0.000	96	153981	20.0	19.9	
96 Ethylbenzene	106	8.072	8.072	0.000	98	82837	20.0	21.3	
97 1,1,1,2-Tetrachloroethane	131	8.084	8.084	0.000	93	67820	20.0	20.3	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	95	100886	20.0	21.6	
99 o-Xylene	106	8.743	8.743	0.000	94	102393	20.0	20.4	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	32925	20.0	19.2	
101 Styrene	104	8.779	8.779	0.000	96	155659	20.0	21.4	
102 Bromoform	173	9.036	9.036	0.000	97	43085	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	92	67872	20.0	18.0	
104 Isopropylbenzene	105	9.212	9.212	0.000	96	275121	20.0	20.4	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	198629	50.0	50.2	
106 Bromobenzene	156	9.596	9.596	0.000	88	72054	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	97	61669	20.0	19.0	
108 N-Propylbenzene	91	9.706	9.706	0.000	100	292682	20.0	19.0	
109 1,2,3-Trichloropropane	110	9.724	9.724	0.000	96	20649	20.0	20.3	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	88	15314	20.0	20.2	
111 2-Chlorotoluene	91	9.810	9.810	0.000	97	214767	20.0	20.2	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	262744	20.0	20.6	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	94	231664	20.0	20.1	
114 4-Chlorotoluene	91	9.944	9.944	0.000	97	209173	20.0	19.8	
115 Butyl Methacrylate	87	10.066	10.066	0.000	92	57292	20.0	17.2	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	197740	20.0	19.2	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	242955	20.0	20.6	
118 sec-Butylbenzene	105	10.468	10.468	0.000	99	304738	20.0	19.8	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	142977	20.0	19.8	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	272350	20.0	20.6	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.669	0.000	94	242675	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	95	144458	20.0	20.0	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	253885	20.0	20.3	
124 Benzyl chloride	91	10.846	10.846	0.000	99	119127	20.0	21.8	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	96	236926	20.0	19.5	
126 p-Diethylbenzene	119	10.986	10.986	0.000	93	146146	20.0	20.5	
127 n-Butylbenzene	92	11.005	11.005	0.000	99	142333	20.0	21.0	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	97	145401	20.0	20.5	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	274130	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	95	17134	20.0	18.3	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	143589	20.0	20.1	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	136832	20.0	18.9	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	97	71095	20.0	19.5	
134 Naphthalene	128	12.559	12.559	0.000	99	262262	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	127754	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.0	
S 137 Xylenes, Total	100				0		40.0	41.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.2	
S 140 Total BTEX	1				0		100.0	103.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00389	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

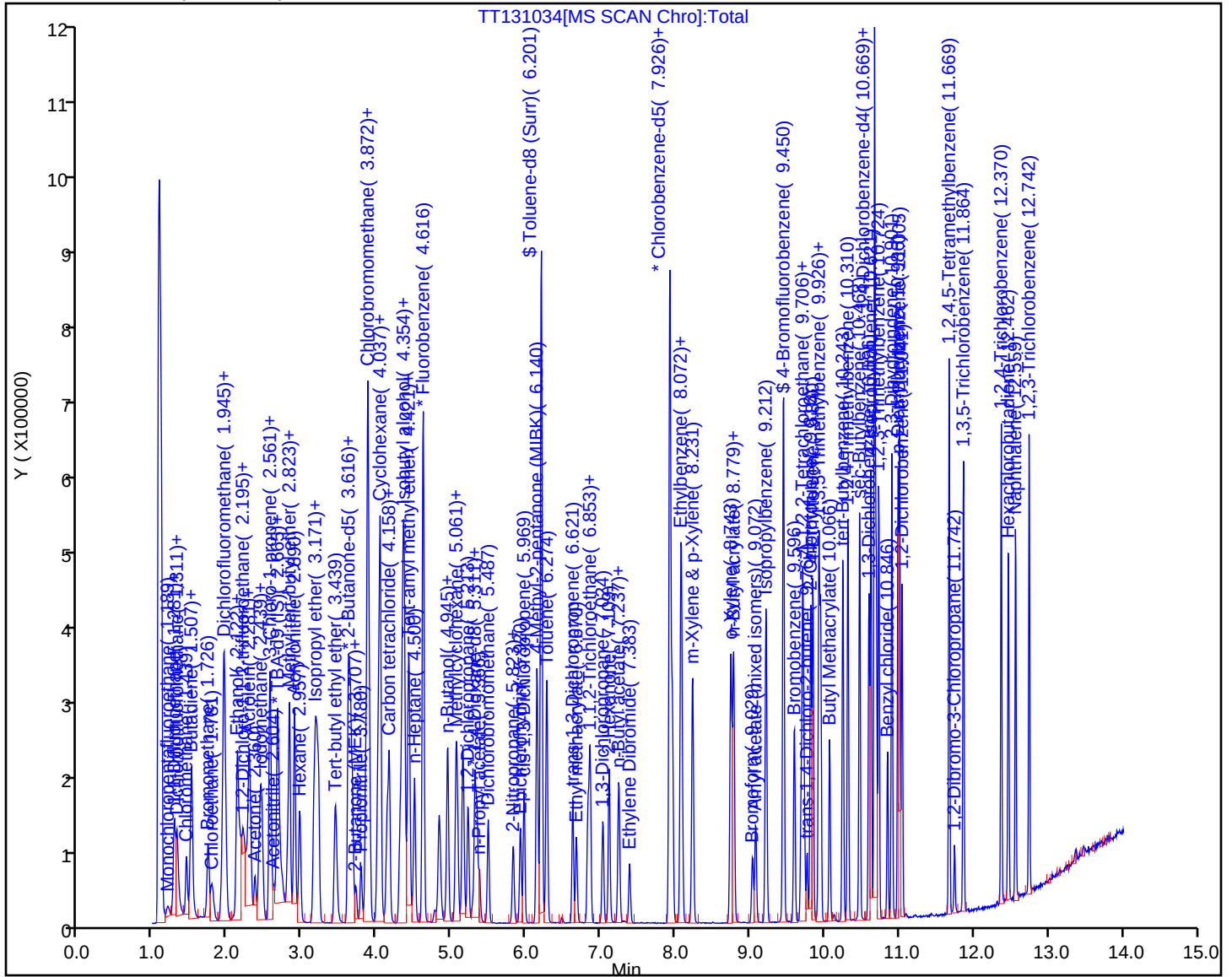
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

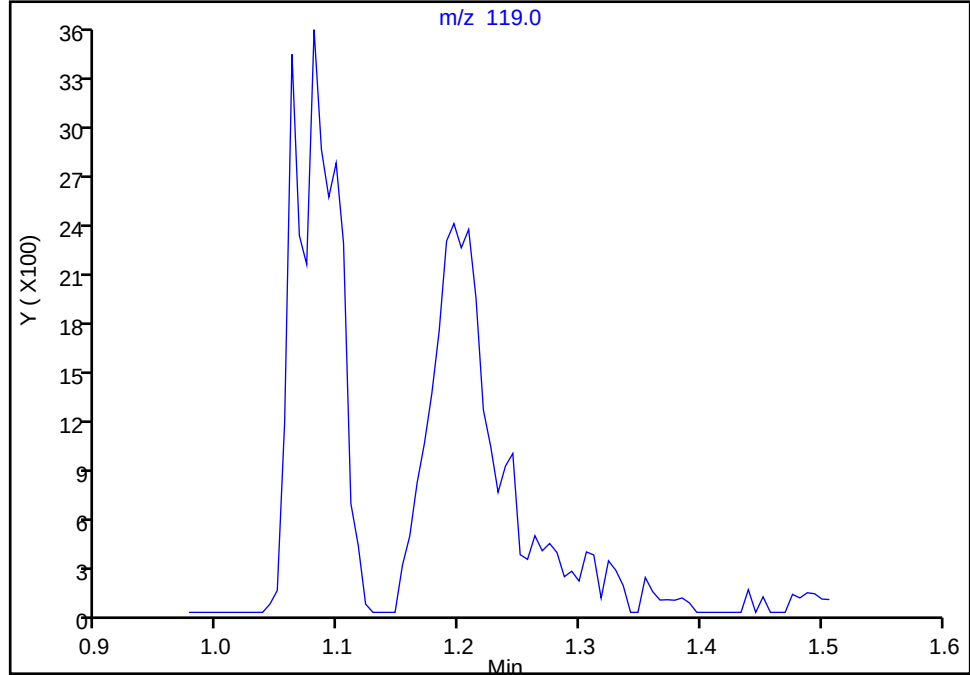
1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

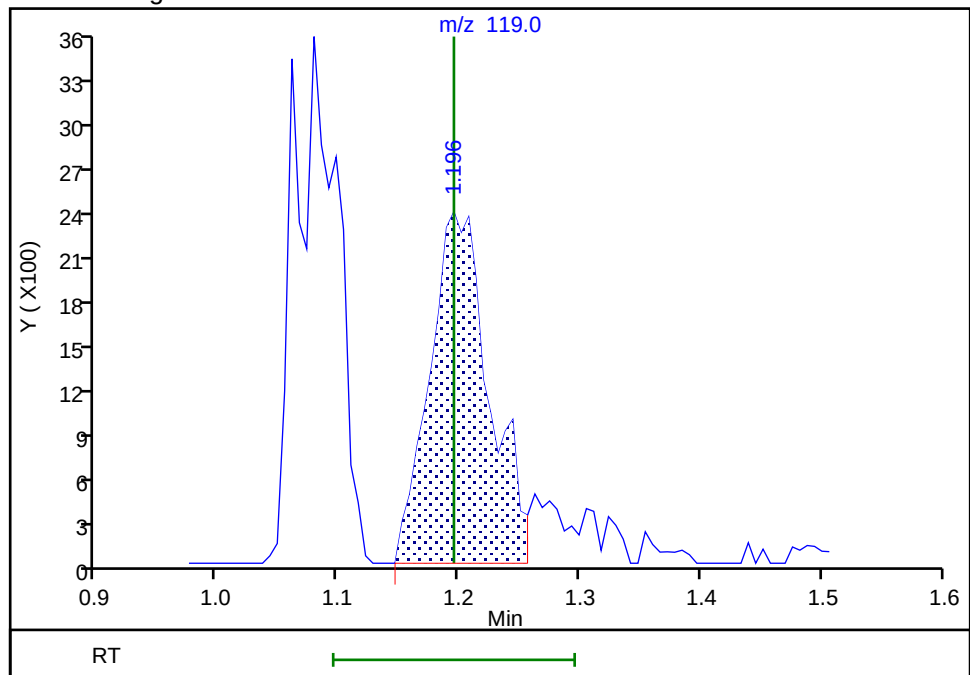
Not Detected

Expected RT: 1.20

Processing Integration Results



Manual Integration Results



RT: 1.20

Area: 8233

Amount: 18.950535

Amount Units: ug/l

Reviewer: parekhv, 07-Oct-2020 18:38:13

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

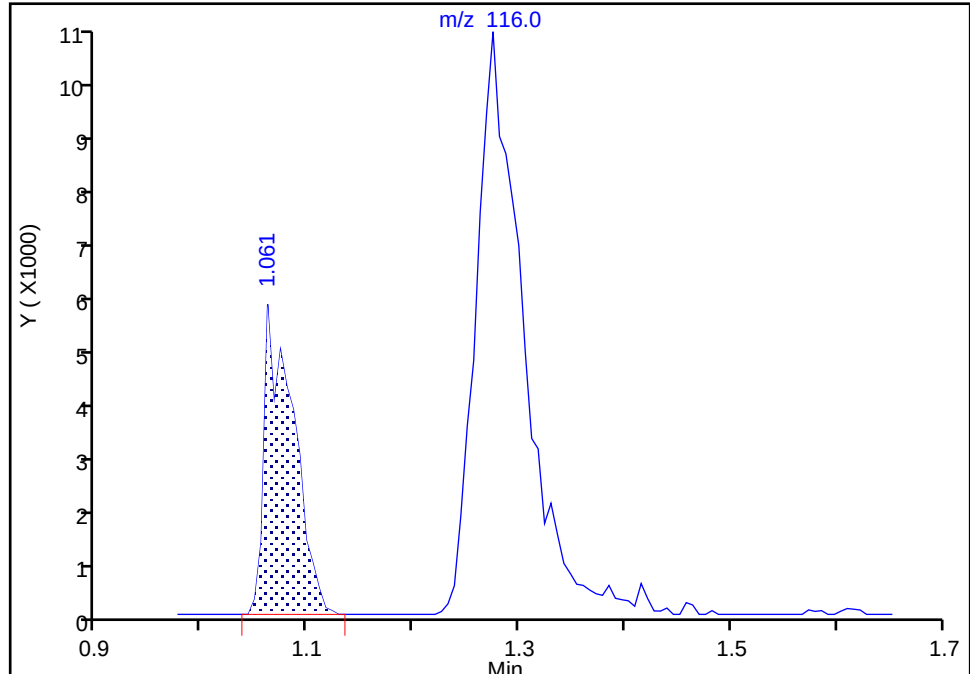
Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

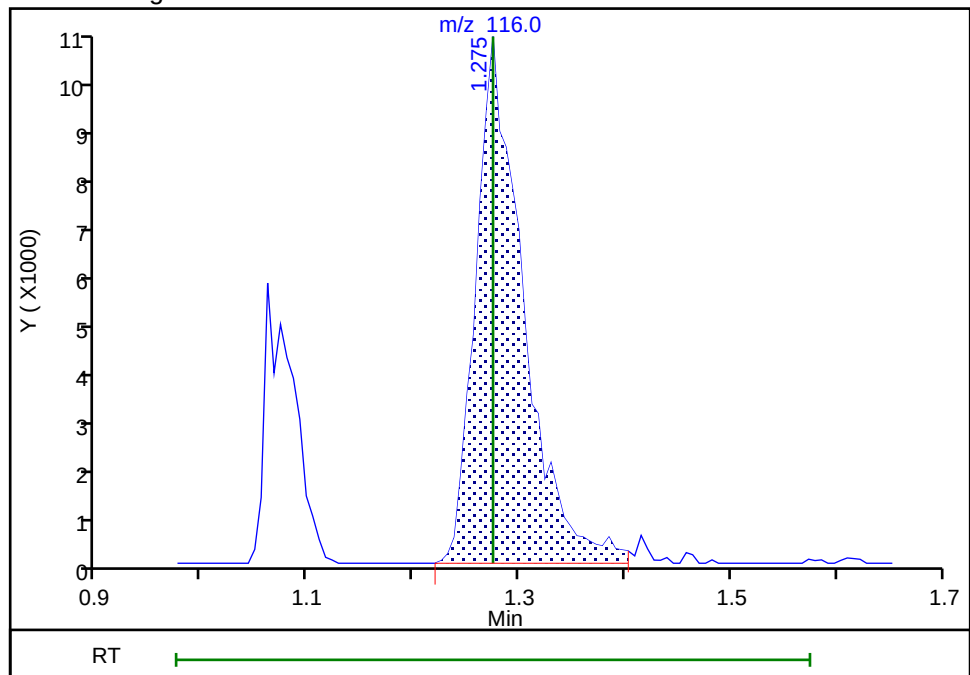
RT: 1.06
Area: 10477
Amount: 6.749992
Amount Units: ug/l

Processing Integration Results



RT: 1.27
Area: 31963
Amount: 20.592726
Amount Units: ug/l

Manual Integration Results



Reviewer: desais, 08-Oct-2020 08:28:52

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

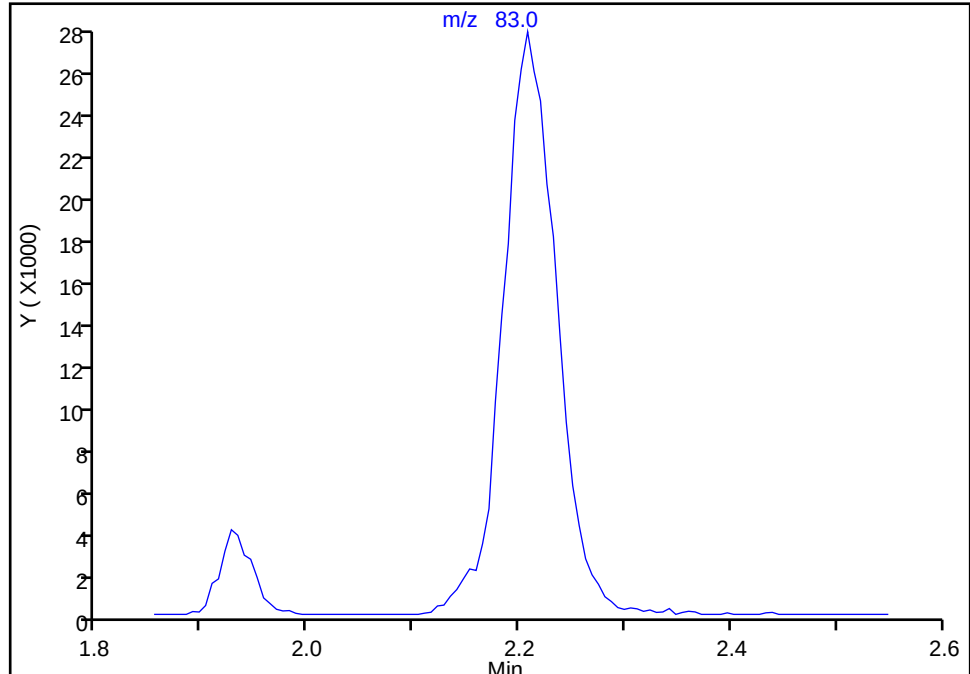
18 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

Not Detected

Expected RT: 2.21

Processing Integration Results



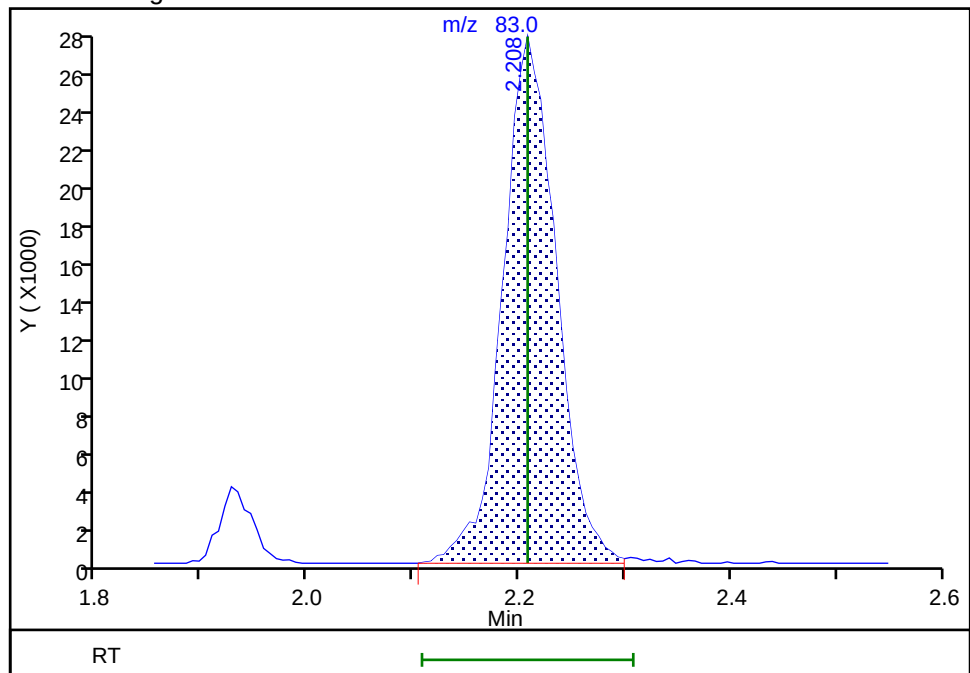
RT: 2.21

Area: 96065

Amount: 21.869009

Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:38:16

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

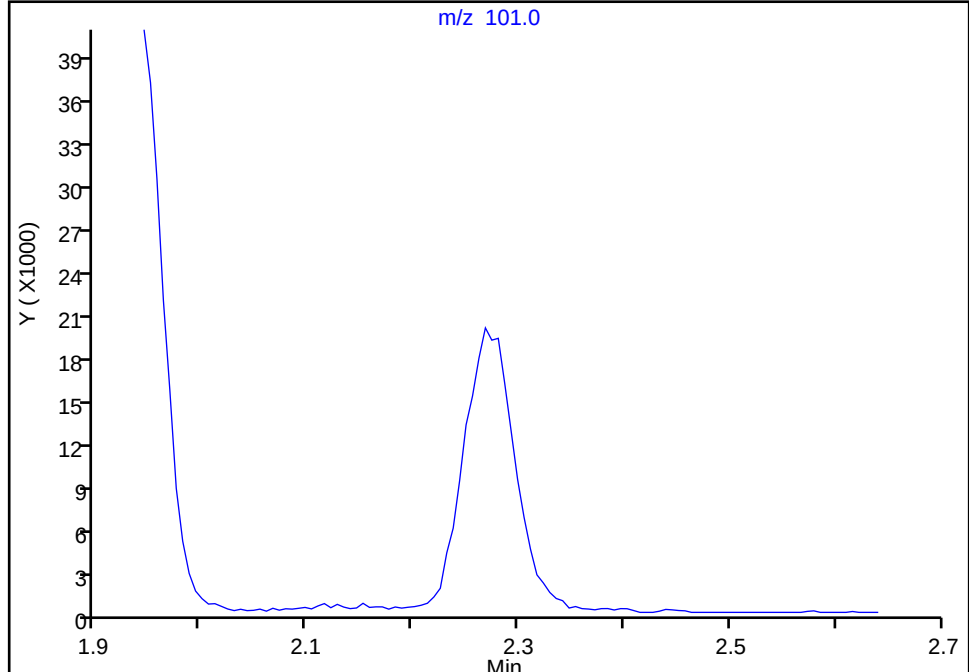
[20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1](#)

Signal: 1

Not Detected

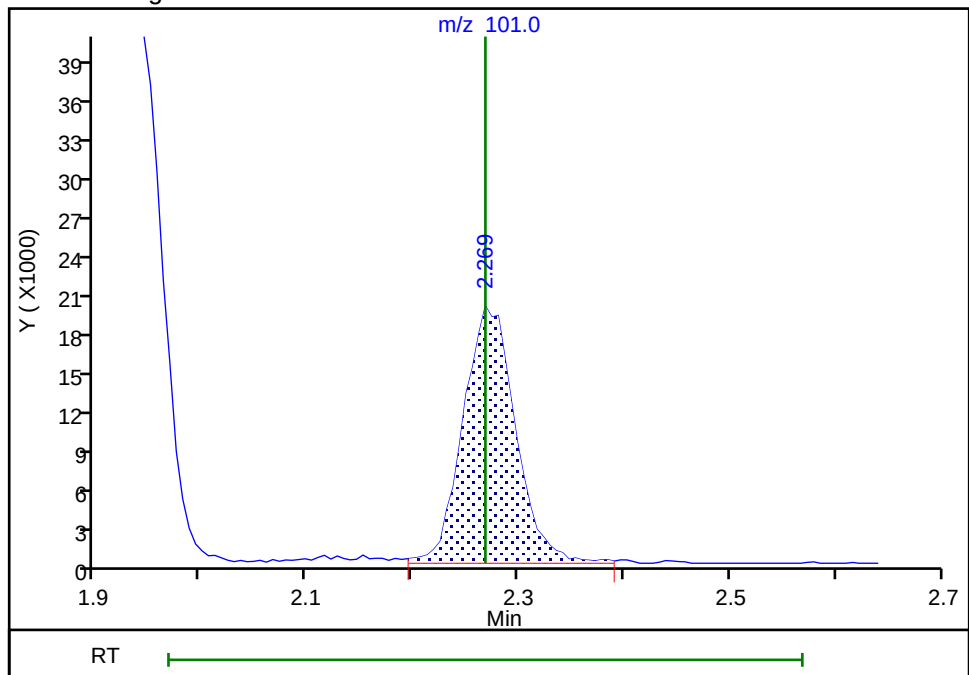
Expected RT: 2.27

Processing Integration Results



RT: 2.27
Area: 68398
Amount: 20.845464
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:38:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

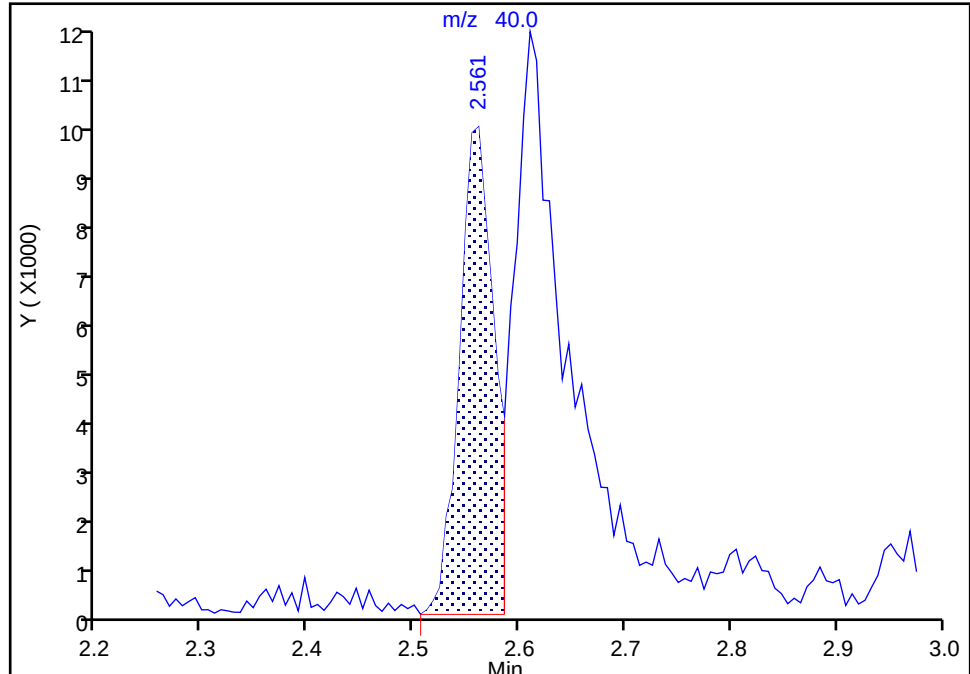
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

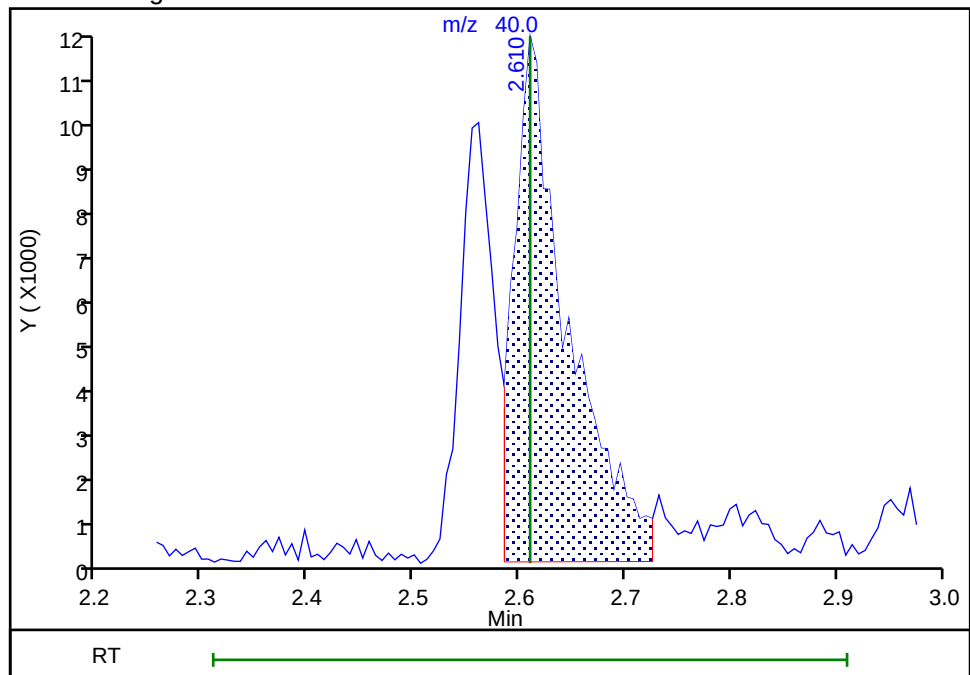
RT: 2.56
Area: 22294
Amount: 134.8417
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 41394
Amount: 250.3567
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:38:23

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

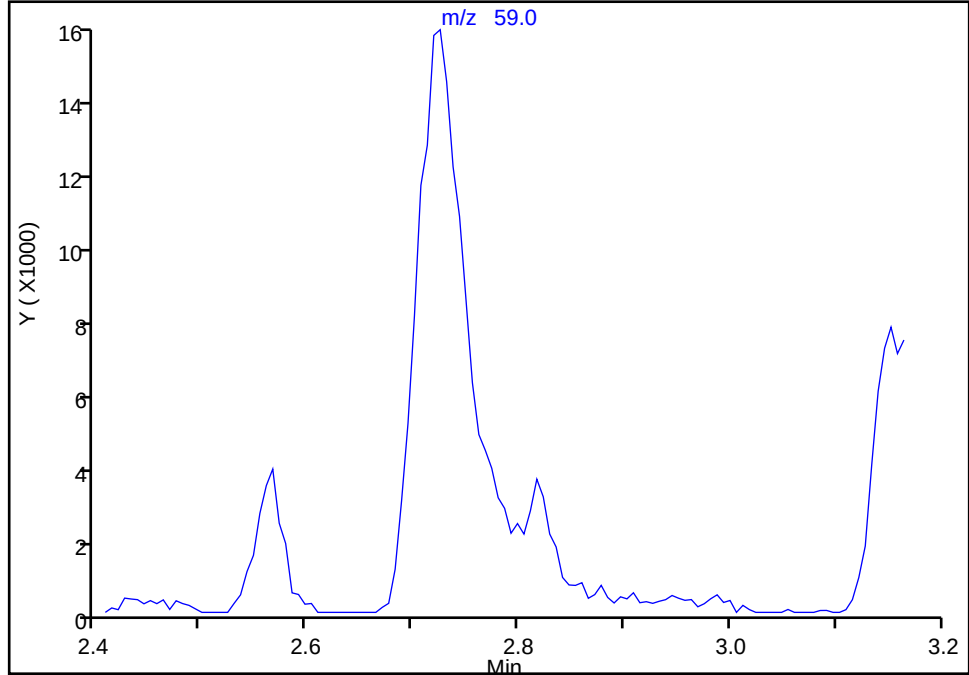
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

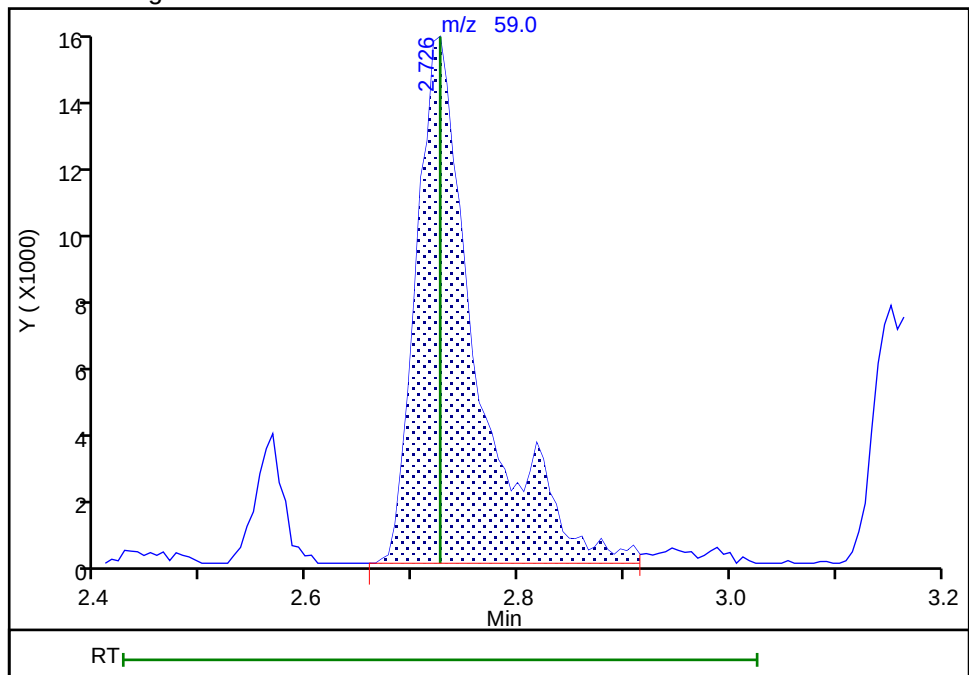
Not Detected

Expected RT: 2.73

Processing Integration Results



Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:38:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

2

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

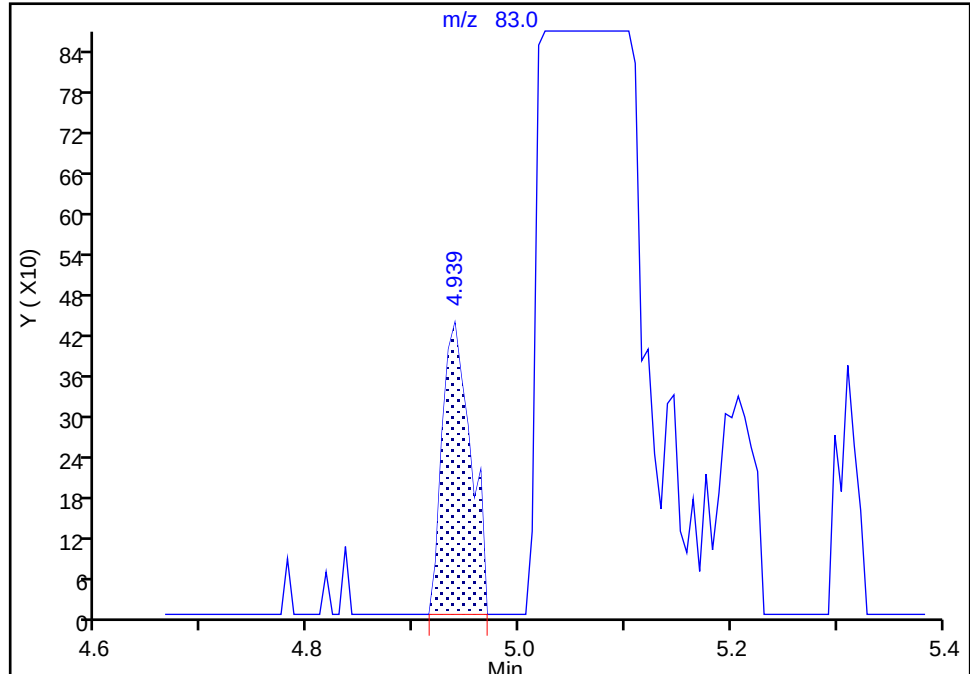
MS Quad

69 Methylcyclohexane, CAS: 108-87-2

Signal: 1

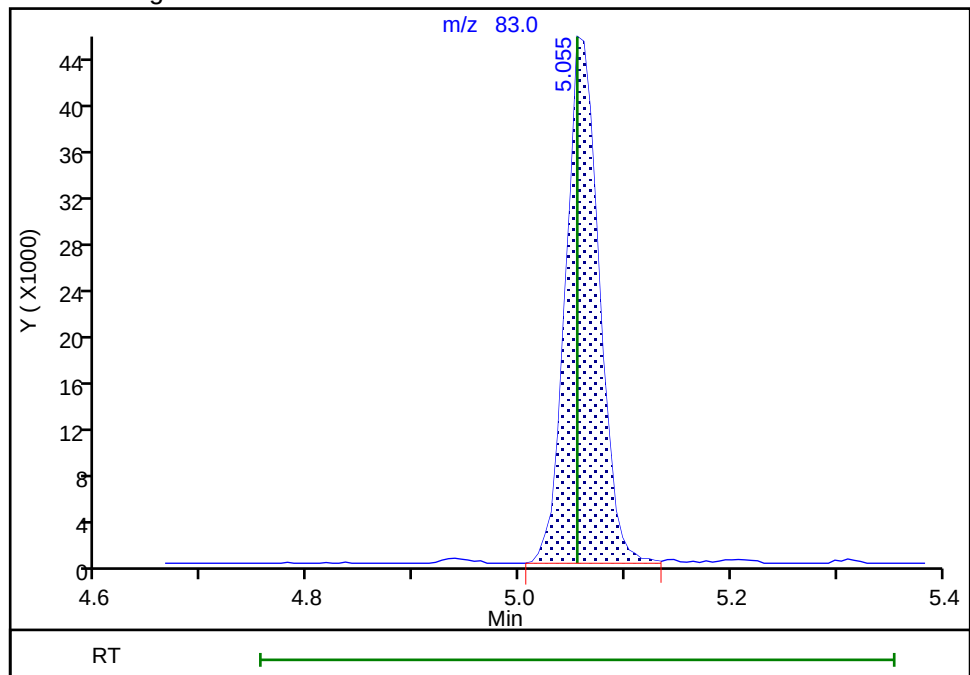
RT: 4.94
Area: 804
Amount: 0.164741
Amount Units: ug/l

Processing Integration Results



RT: 5.05
Area: 99796
Amount: 20.448382
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:38:35

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131034.D

Injection Date: 07-Oct-2020 18:08:30

Instrument ID: CVOAMS17

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

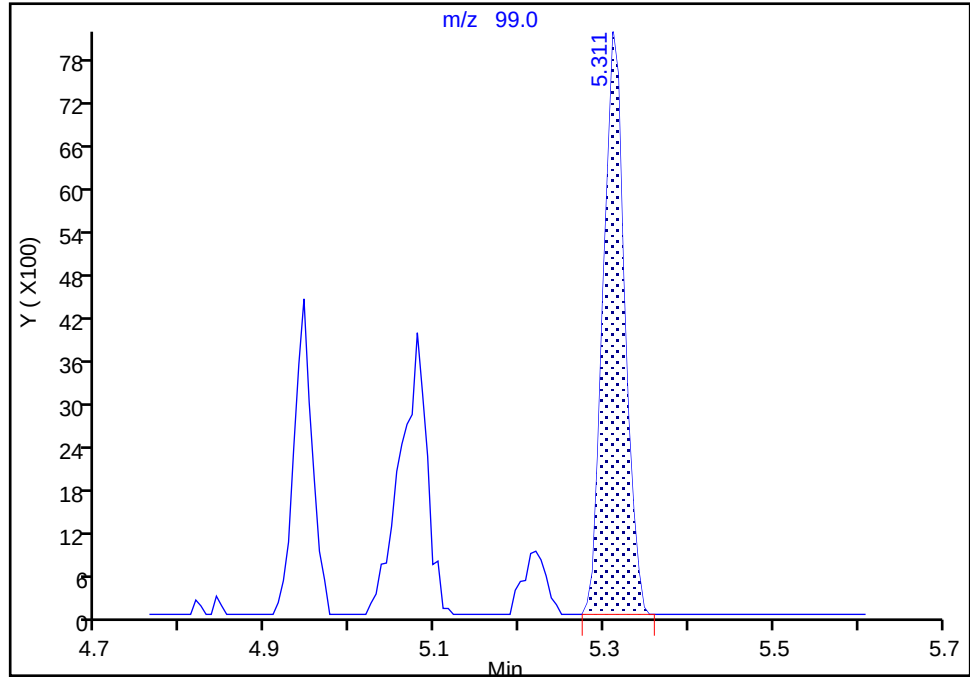
Detector MS Quad

70 Ethyl acrylate, CAS: 140-88-5

Signal: 1

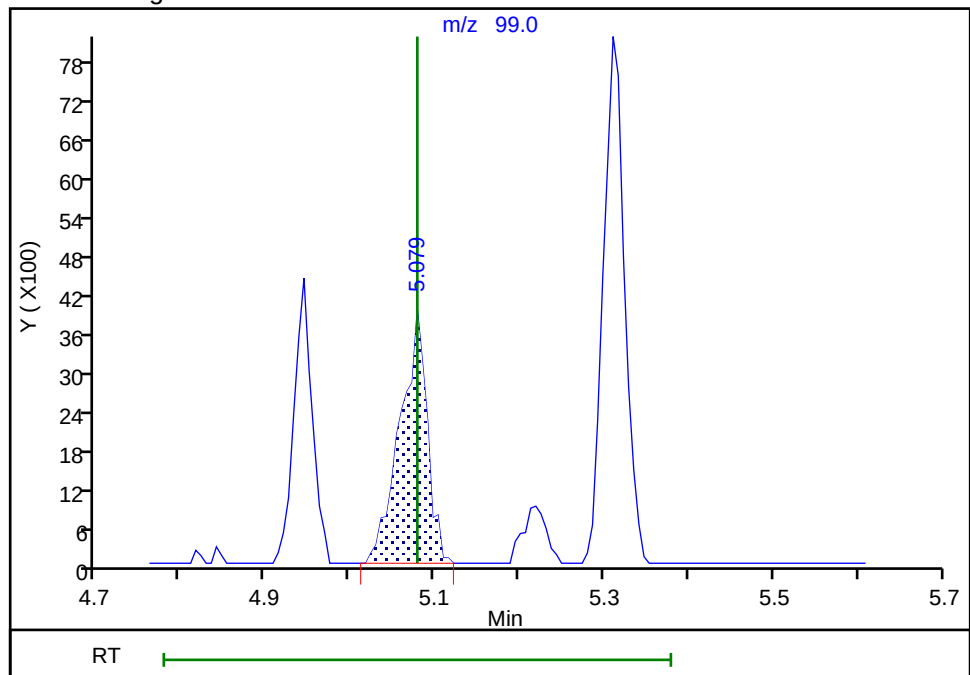
RT: 5.31
Area: 14249
Amount: 35.576435
Amount Units: ug/l

Processing Integration Results



RT: 5.08
Area: 8676
Amount: 21.730006
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 08-Oct-2020 11:31:08

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130784.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 03-Oct-2020 11:00:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0117768-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 04-Oct-2020 21:42:53 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1635

First Level Reviewer: desais

Date: 03-Oct-2020 11:18:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.849	2.849	0.000	93	85199	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

VMBFBn_00005

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130784.D

Injection Date: 03-Oct-2020 11:00:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

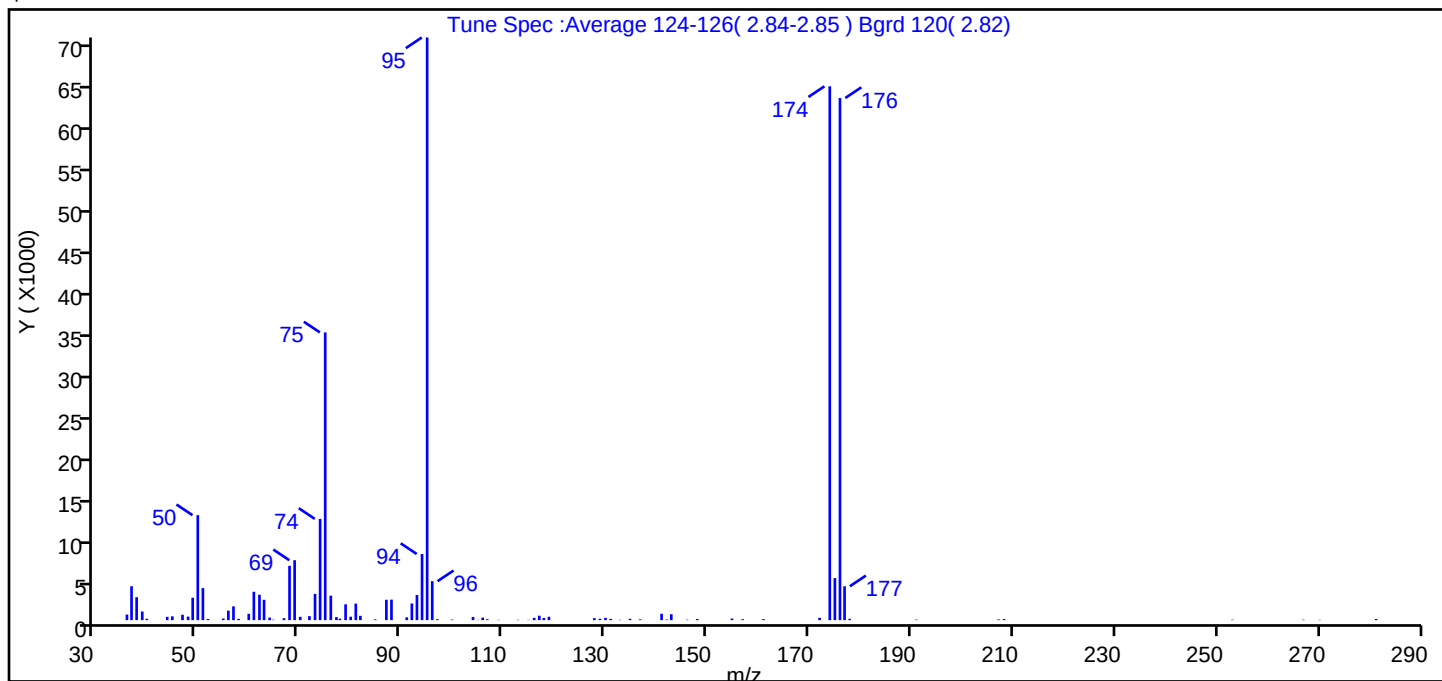
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.0
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	91.6
175	5 to 9% of m/z 174	7.2 (7.9)
176	Greater than 95% but less than 101% of m/z 174	89.6 (97.8)
177	5 to 9% of m/z 176	5.8 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130784.D\8260W_17.rslt\spectra.d
Injection Date: 03-Oct-2020 11:00:30
Spectrum: Tune Spec :Average 124-126(2.84-2.85) Bgrd 120(2.82)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	676	65.00	55	95.00	70552	142.00	73
37.00	4105	67.00	231	96.00	4717	143.00	710
38.00	2780	68.00	6579	97.00	116	146.00	55
39.00	1047	69.00	7258	100.00	68	148.00	142
40.00	168	70.00	405	104.00	388	155.00	198
41.00	5	72.00	486	105.00	34	157.00	116
44.00	399	73.00	3186	106.00	306	161.00	121
45.00	462	74.00	12261	107.00	111	172.00	285
47.00	652	75.00	34840	109.00	38	174.00	64640
48.00	428	76.00	2963	113.00	46	175.00	5094
49.00	2716	77.00	375	115.00	35	176.00	63224
50.00	12713	78.00	178	116.00	278	177.00	4104
51.00	3881	79.00	1916	117.00	540	178.00	164
52.00	144	80.00	418	118.00	267	191.00	64
55.00	196	81.00	2007	119.00	413	207.00	92
56.00	1151	82.00	524	128.00	238	208.00	131
57.00	1670	85.00	96	129.00	169	253.00	58
58.00	156	87.00	2468	130.00	274	267.00	55
60.00	768	88.00	2484	131.00	156	270.00	38
61.00	3436	91.00	342	133.00	42	281.00	146
62.00	3078	92.00	2017	135.00	164		
63.00	2459	93.00	3046	137.00	98		
64.00	306	94.00	8010	141.00	774		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130784.D

Injection Date: 03-Oct-2020 11:00:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 1

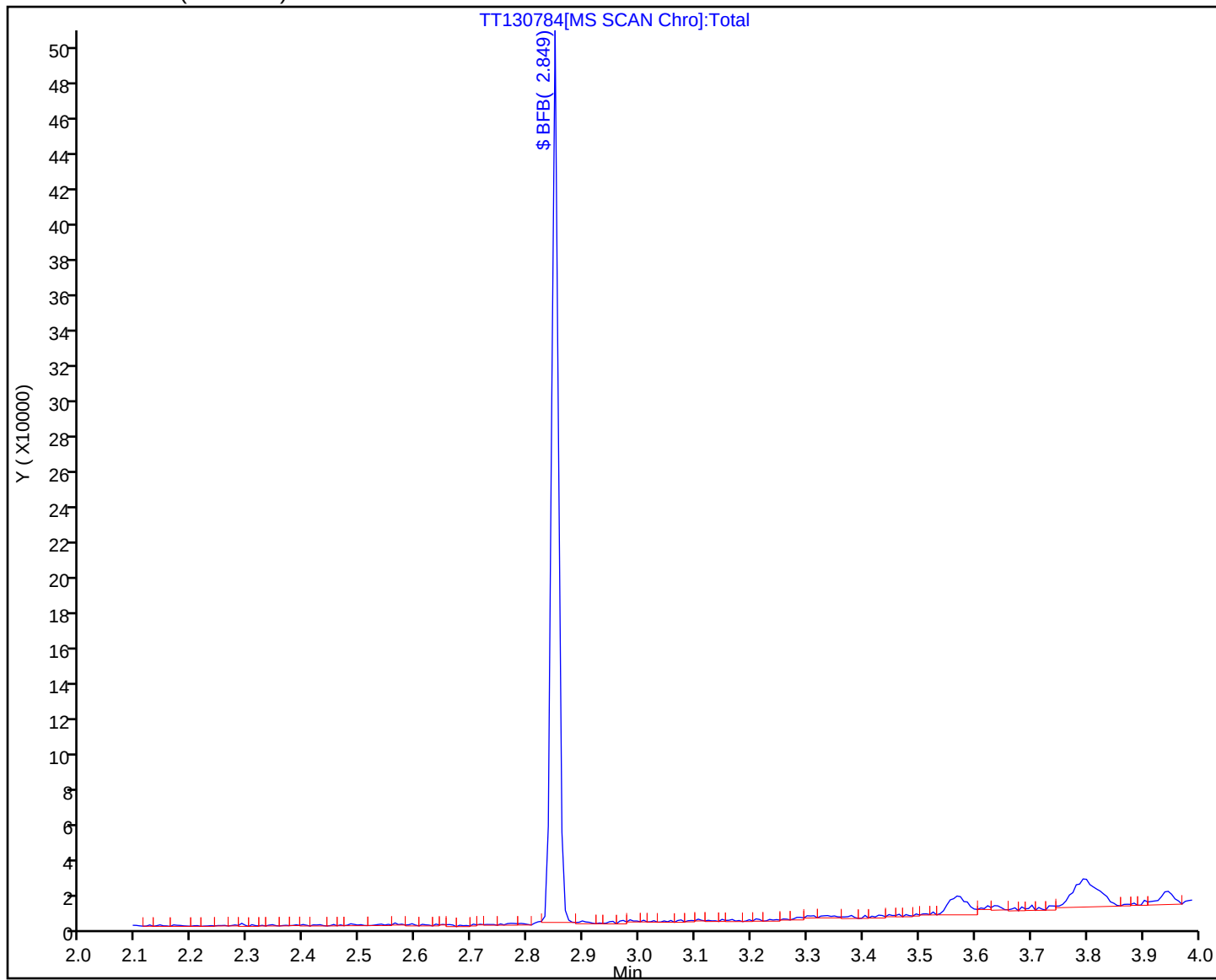
Injection Vol: 5.0 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130819a.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 04-Oct-2020 06:13:30 ALS Bottle#: 100 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0117814-001
Operator ID: Instrument ID: CVOAMS17
Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 05-Oct-2020 08:33:15 Calib Date: 03-Oct-2020 14:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: desais

Date: 04-Oct-2020 06:20:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.855	2.855	0.000	91	185265	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

VMBFBn_00005

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130819a.D

Injection Date: 04-Oct-2020 06:13:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 100 Worklist Smp#: 1

Injection Vol: 5.0 mL

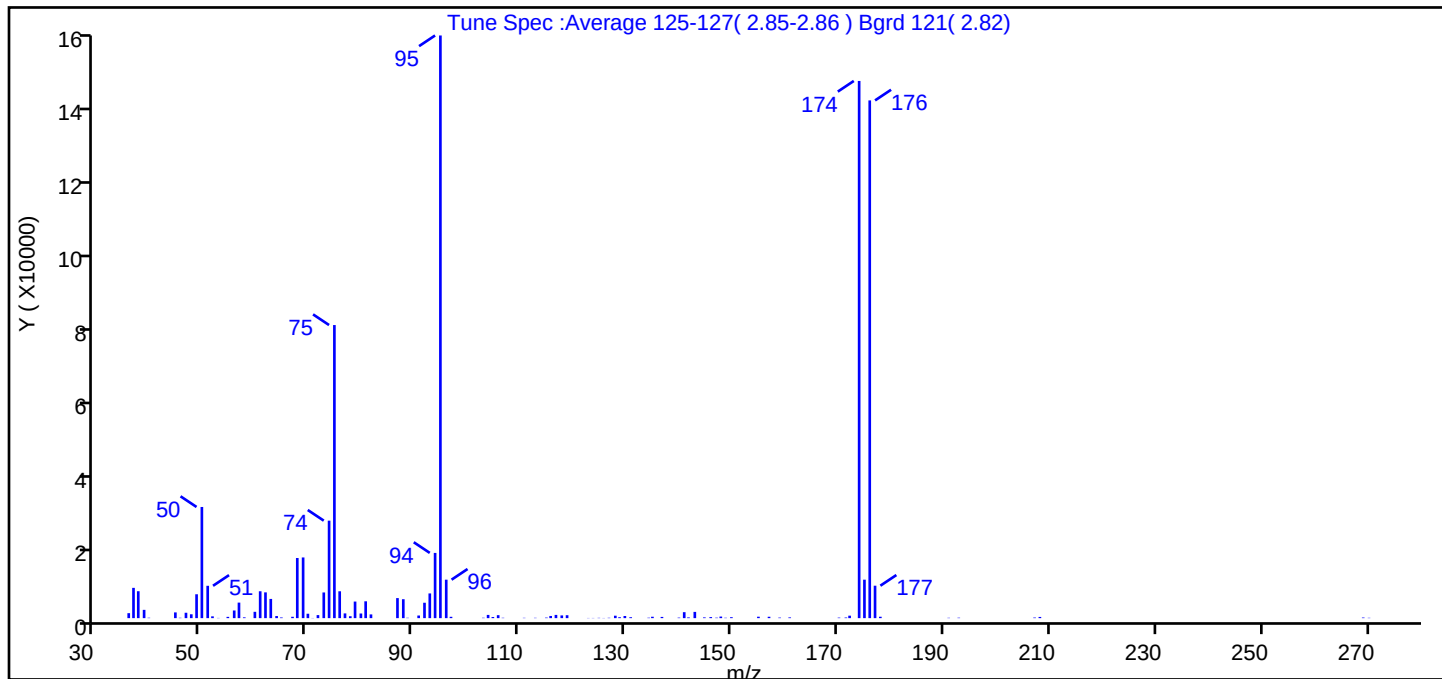
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.1
75	30 to 60% of m/z 95	50.3
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	92.2
175	5 to 9% of m/z 174	6.6 (7.2)
176	Greater than 95% but less than 101% of m/z 174	88.9 (96.4)
177	5 to 9% of m/z 176	5.6 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130819a.D\8260W_17.rslt\spectra.d
Injection Date: 04-Oct-2020 06:13:30
Spectrum: Tune Spec :Average 125-127(2.85-2.86) Bgrd 121(2.82)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1307	69.00	15972	105.00	295	145.00	196
37.00	7971	70.00	1161	106.00	780	146.00	275
38.00	7085	71.00	43	107.00	97	147.00	121
39.00	2181	72.00	801	111.00	84	148.00	415
40.00	105	73.00	6759	113.00	87	149.00	99
45.00	1510	74.00	25656	115.00	141	150.00	245
46.00	95	75.00	77136	116.00	572	155.00	377
47.00	1419	76.00	7070	117.00	851	157.00	362
48.00	1017	77.00	1248	118.00	719	159.00	144
49.00	6285	78.00	505	119.00	771	161.00	193
50.00	29256	79.00	4365	123.00	48	170.00	140
51.00	8513	80.00	1222	124.00	49	172.00	165
52.00	472	81.00	4432	125.00	80	172.00	651
53.00	55	82.00	985	126.00	45	174.00	141376
55.00	337	87.00	5277	127.00	95	175.00	10125
56.00	2018	88.00	4984	128.00	641	176.00	136256
57.00	4089	89.00	95	129.00	242	177.00	8536
58.00	207	91.00	690	130.00	565	178.00	368
60.00	1666	92.00	4053	131.00	241	191.00	89
61.00	7073	93.00	6504	134.00	114	193.00	115
62.00	6783	94.00	17168	135.00	367	207.00	156
63.00	5058	95.00	153344	137.00	322	208.00	314
64.00	551	96.00	10123	140.00	140	269.00	156
65.00	174	97.00	354	141.00	1571	270.00	88
67.00	358	103.00	103	142.00	189		
68.00	15826	104.00	850	143.00	1646		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130819a.D

Injection Date: 04-Oct-2020 06:13:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

100

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

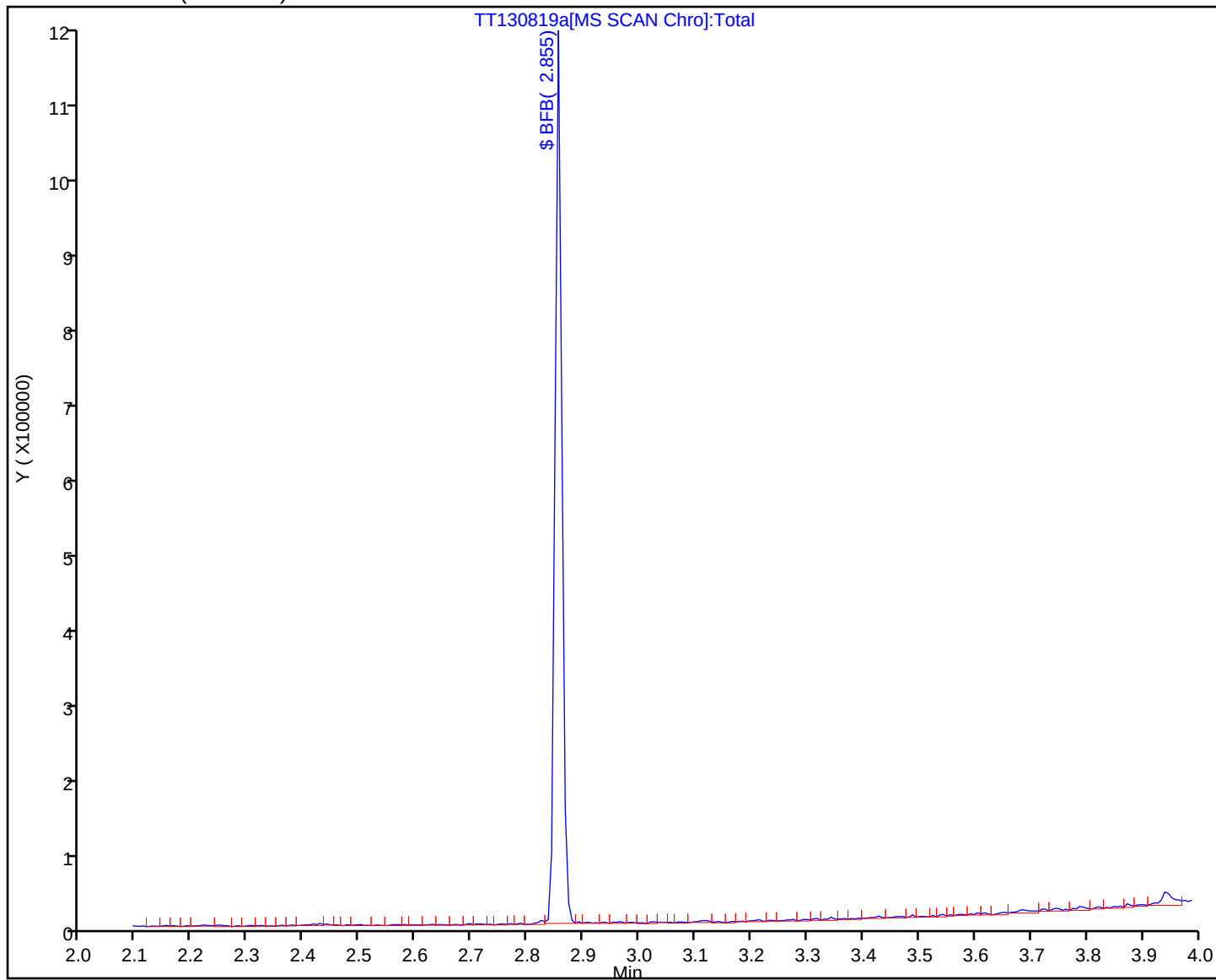
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131033.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 07-Oct-2020 17:46:30 ALS Bottle#: 99 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0118001-001
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 08:35:48 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1672

First Level Reviewer: parekhv

Date: 07-Oct-2020 18:03:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

\$ 141 BFB	95	2.855	2.855	0.000	93	69166	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

VMBFBn_00005

Amount Added: 1.00

Units: uL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131033.D

Injection Date: 07-Oct-2020 17:46:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL

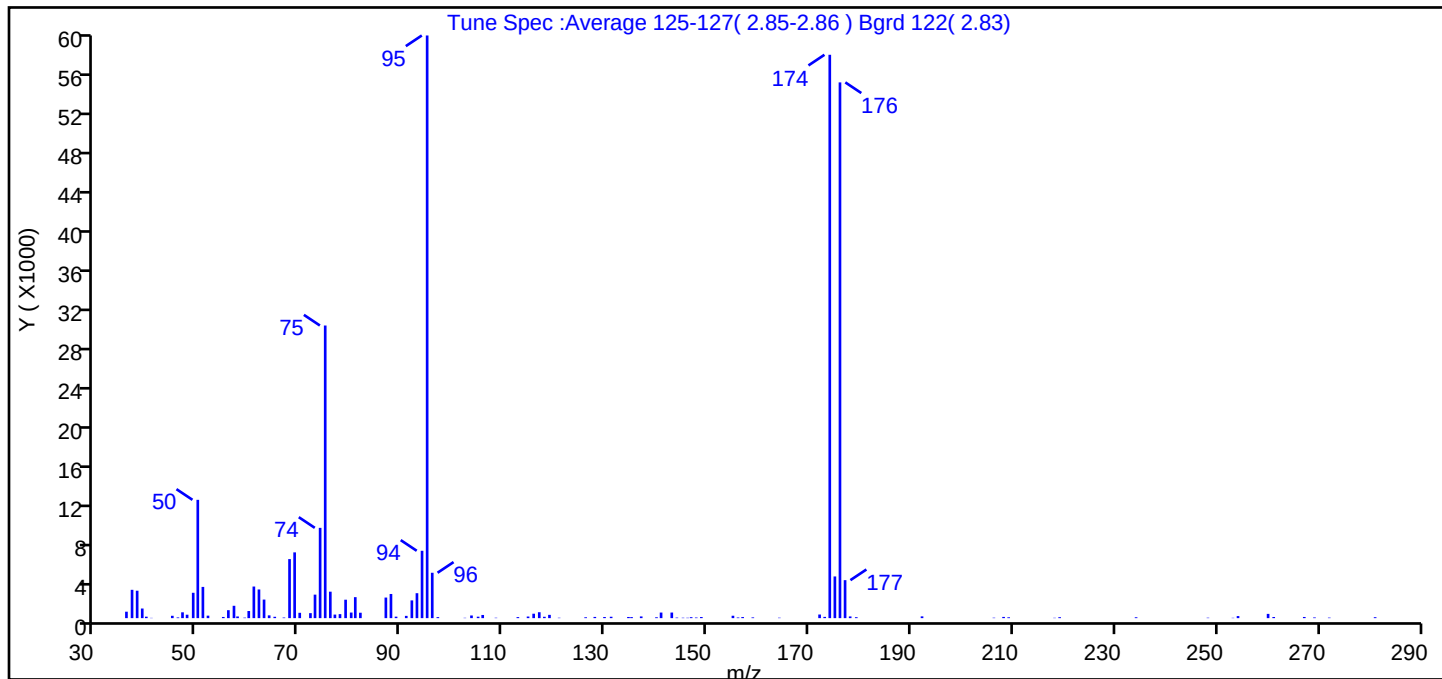
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Tune Method: BFB Method 8260

\$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.3
75	30 to 60% of m/z 95	50.2
96	5 to 9% of m/z 95	7.8
173	Less than 2% of m/z 174	0.2 (0.2)
174	50 to 120% of m/z 95	96.7
175	5 to 9% of m/z 174	7.2 (7.4)
176	Greater than 95% but less than 101% of m/z 174	91.9 (95.1)
177	5 to 9% of m/z 176	6.5 (7.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131033.D\8260W_17.rslt\spectra.d
Injection Date: 07-Oct-2020 17:46:30
Spectrum: Tune Spec :Average 125-127(2.85-2.86) Bgrd 122(2.83)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	658	69.00	6707	108.00	41	159.00	75
37.00	2888	70.00	545	113.00	106	164.00	45
38.00	2796	72.00	510	115.00	164	172.00	370
39.00	982	73.00	2397	116.00	452	173.00	129
40.00	149	74.00	9208	117.00	603	174.00	57448
41.00	27	75.00	29840	118.00	139	175.00	4252
45.00	240	76.00	2698	119.00	335	176.00	54632
46.00	71	77.00	363	121.00	40	177.00	3874
47.00	595	78.00	410	126.00	88	178.00	173
48.00	351	79.00	1880	128.00	124	179.00	95
49.00	2586	80.00	570	130.00	115	192.00	181
50.00	12065	81.00	2140	131.00	142	206.00	45
51.00	3185	82.00	552	134.00	118	208.00	124
52.00	254	87.00	2099	135.00	106	209.00	86
55.00	120	88.00	2464	137.00	173	218.00	35
56.00	811	89.00	151	140.00	89	219.00	96
57.00	1260	91.00	232	141.00	570	234.00	89
58.00	171	92.00	1810	143.00	571	248.00	44
59.00	52	93.00	2544	144.00	57	253.00	33
60.00	727	94.00	6869	145.00	43	254.00	212
61.00	3223	95.00	59416	146.00	39	260.00	435
62.00	2925	96.00	4628	147.00	98	261.00	115
63.00	1893	97.00	103	148.00	63	267.00	118
64.00	284	102.00	34	149.00	112	269.00	70
65.00	139	104.00	272	155.00	245	272.00	54
67.00	62	105.00	148	156.00	66	281.00	95
68.00	6022	106.00	323	157.00	112		

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131033.D

Injection Date: 07-Oct-2020 17:46:30

Instrument ID: CVOAMS17

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

99

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

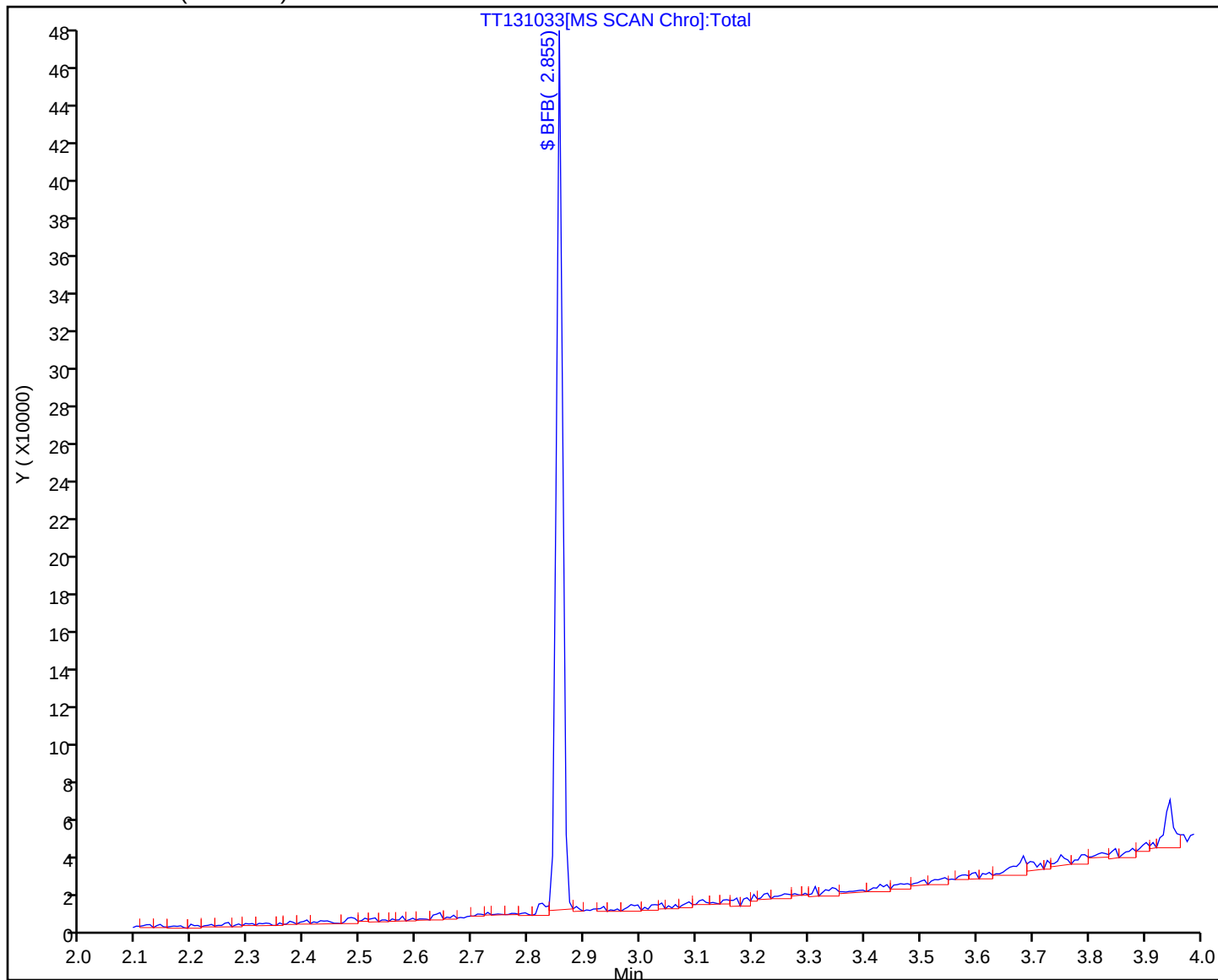
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-728944/7
 Matrix: Water Lab File ID: TT130825.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 08:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-728944/7
 Matrix: Water Lab File ID: TT130825.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 08:22
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
2037-26-5	Toluene-d8 (Surr)	105		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130825.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Oct-2020 08:22:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0117814-007
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 09:01:09 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:46:22

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)	66	2.659	2.659	0.000	97	55305	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	98	305991	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	96	204672	50.0	49.8	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	89	252761	50.0	51.5	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	659532	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.286	5.280	0.006	34	33145	1000.0	1000.0	M
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	640067	50.0	52.5	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	448017	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	221453	50.0	50.7	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	94	270462	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

VOA6IS/SURR_00040

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130825.D

Injection Date: 04-Oct-2020 08:22:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#:

7

Purge Vol: 5.000 mL

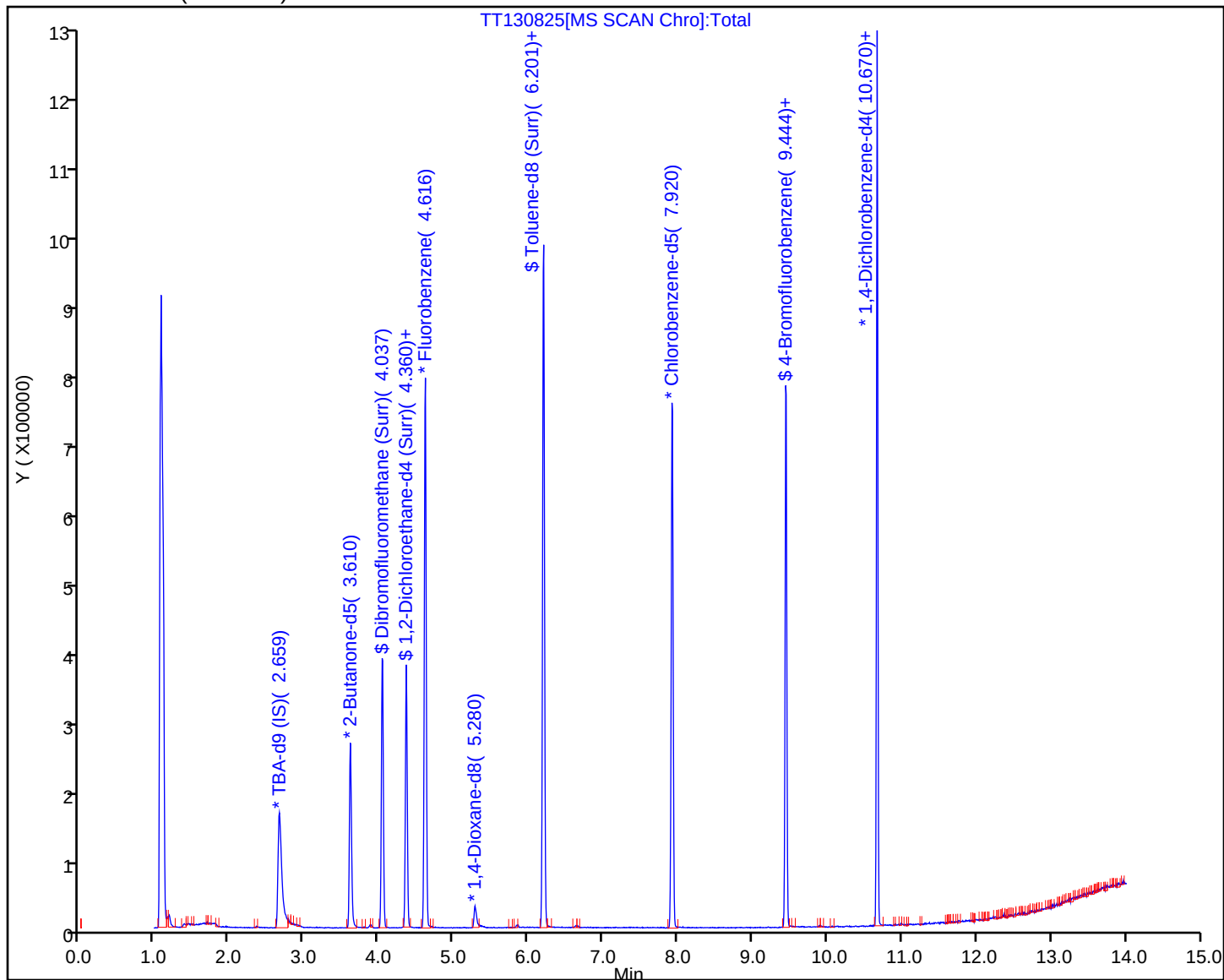
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130825.D

Injection Date: 04-Oct-2020 08:22:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

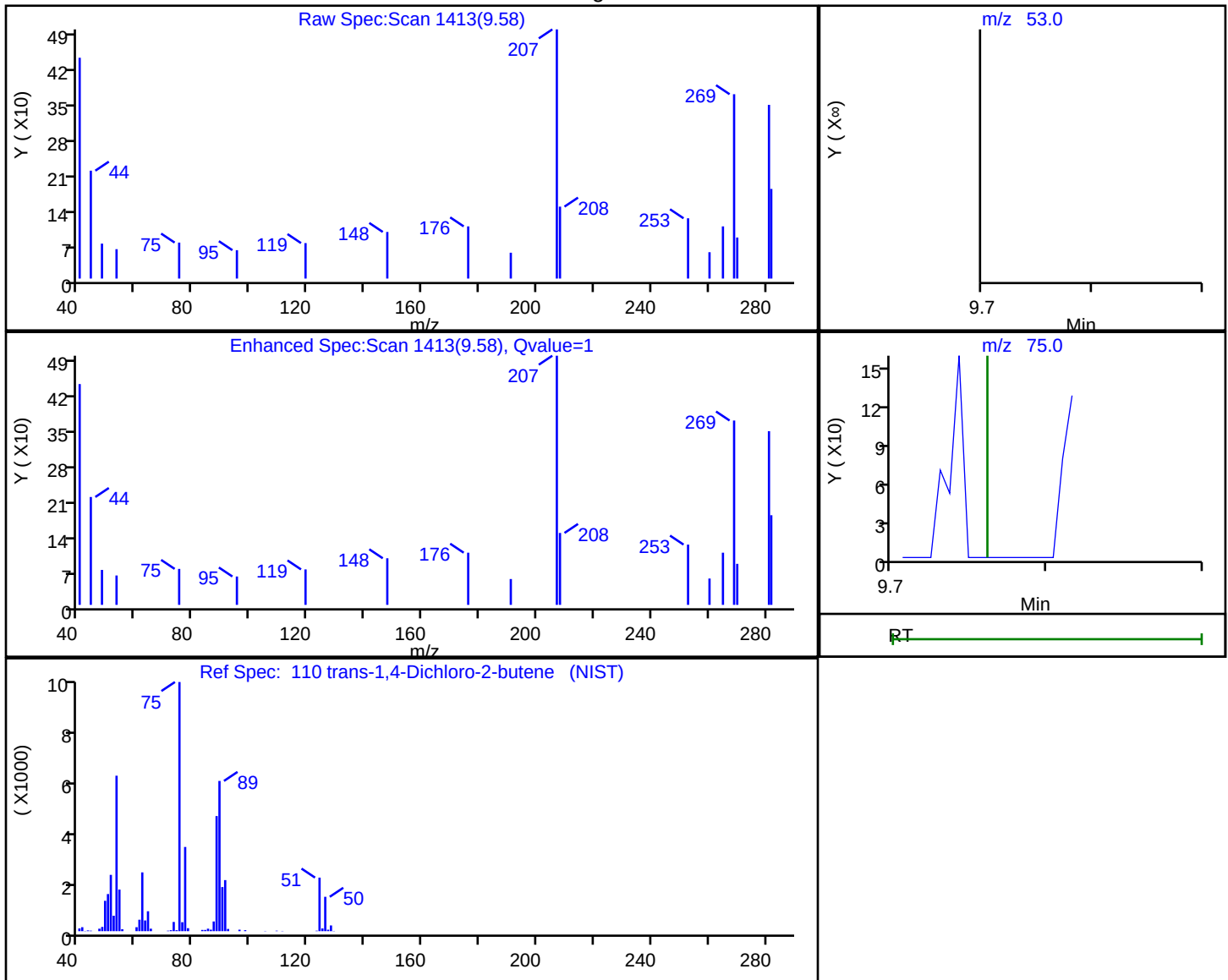
Column: DB-624 (0.18 mm)

Detector

MS Quad

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

Processing Results



RT	Mass	Response	Amount
9.58	53.00	42	0.416115
9.58	75.00	99	

Reviewer: asfawa, 05-Oct-2020 08:45:48

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130825.D

Injection Date: 04-Oct-2020 08:22:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

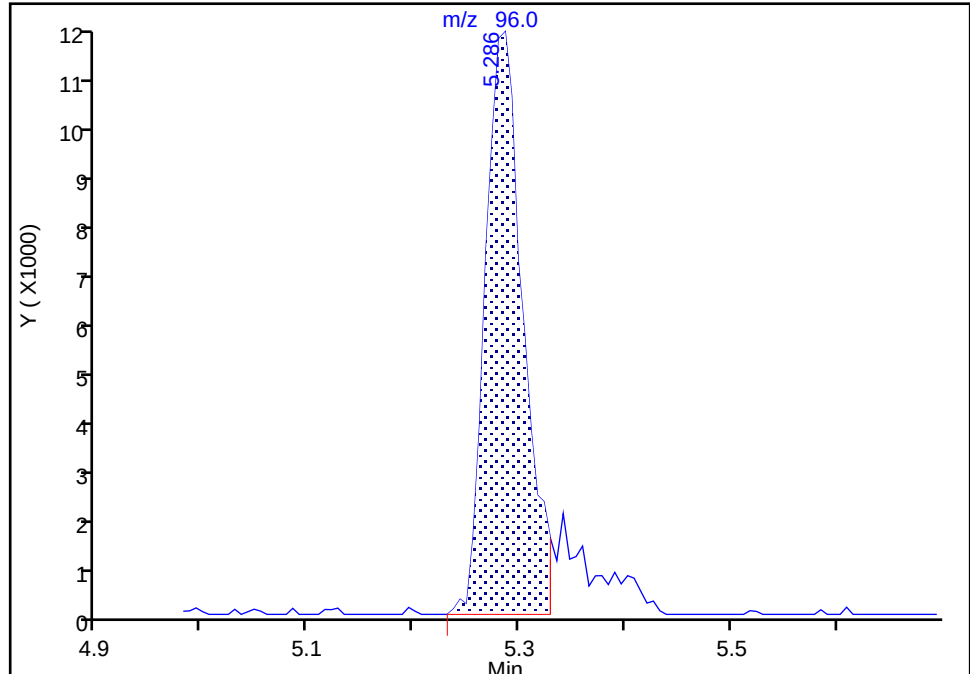
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

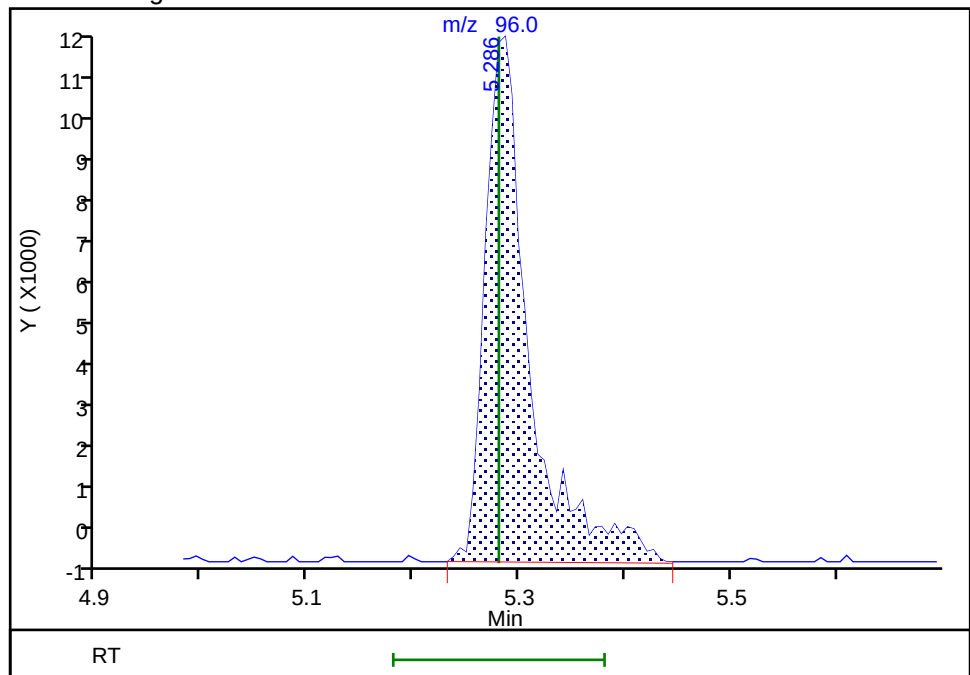
RT: 5.29
Area: 28180
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.29
Area: 33145
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:44:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-729856/7
 Matrix: Water Lab File ID: TT131039.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	50	U	50	4.4
75-05-8	Acetonitrile	10	U	10	5.0
71-43-2	Benzene	1.0	U	1.0	0.20
100-44-7	Benzyl chloride	10	U	10	0.34
75-27-4	Bromodichloromethane	50	U	50	0.34
75-25-2	Bromoform	5.0	U	5.0	0.54
74-83-9	Bromomethane	5.0	U	5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3
75-15-0	Carbon disulfide	60	U	60	0.82
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.21
108-90-7	Chlorobenzene	5.0	U	5.0	0.38
75-00-3	Chloroethane	5.0	U	5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	20	U	20	0.43
67-66-3	Chloroform	7.0	U	7.0	0.33
74-87-3	Chloromethane	5.0	U	5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.22
124-48-1	Dibromochloromethane	50	U	50	0.28
74-95-3	Dibromomethane	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	3.0	U	3.0	0.21
541-73-1	1,3-Dichlorobenzene	3.0	U	3.0	0.34
106-46-7	1,4-Dichlorobenzene	3.0	U	3.0	0.33
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	0.31
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.26
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.43
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.26
540-59-0	1,2-Dichloroethene, Total	2.0	U	2.0	0.44
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	5.0	U	5.0	0.30
78-93-3	2-Butanone (MEK)	50	U	50	1.9
75-09-2	Methylene Chloride	5.0	U	5.0	0.32
80-62-6	Methyl methacrylate	50	U	50	0.97
179601-23-1	m&p-Xylene	10	U	10	0.30
95-47-6	o-Xylene	5.0	U	5.0	0.36
100-42-5	Styrene	5.0	U	5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U	5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-729856/7
 Matrix: Water Lab File ID: TT131039.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 20:04
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.37
127-18-4	Tetrachloroethene	5.0	U	5.0	0.25
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.24
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.20
79-01-6	Trichloroethene	5.0	U	5.0	0.31
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.66
108-88-3	Toluene	5.0	U	5.0	0.38
108-05-4	Vinyl acetate	5.0	U	5.0	0.83
75-01-4	Vinyl chloride	2.0	U	2.0	0.17
1330-20-7	Xylenes, Total	15	U	15	0.65
591-78-6	2-Hexanone	50	U	50	1.1
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.22
106-93-4	1,2-Dibromoethane	5.0	U	5.0	0.50
97-63-2	Ethyl methacrylate	5.0	U	5.0	0.26
74-88-4	Iodomethane	5.0	U	5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U	5.0	0.34
126-98-7	Methacrylonitrile	5.0	U	5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
2037-26-5	Toluene-d8 (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131039.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 07-Oct-2020 20:04:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0118001-007
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 08:33:37 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1672

First Level Reviewer: desais

Date: 08-Oct-2020 06:41:06

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)	66	2.659	2.659	0.000	99	47914	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	99	253049	250.0	250.0	
\$ 55 Dibromofluoromethane (Surr)	113	4.037	4.037	0.001	98	183381	50.0	51.6	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	96	218696	50.0	51.5	
* 66 Fluorobenzene	96	4.610	4.616	-0.006	99	571126	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	88	27788	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	545522	50.0	50.3	
* 94 Chlorobenzene-d5	117	7.920	7.926	-0.006	85	398519	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	195433	50.0	50.3	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.669	0.000	95	239393	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00041

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131039.D

Injection Date: 07-Oct-2020 20:04:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

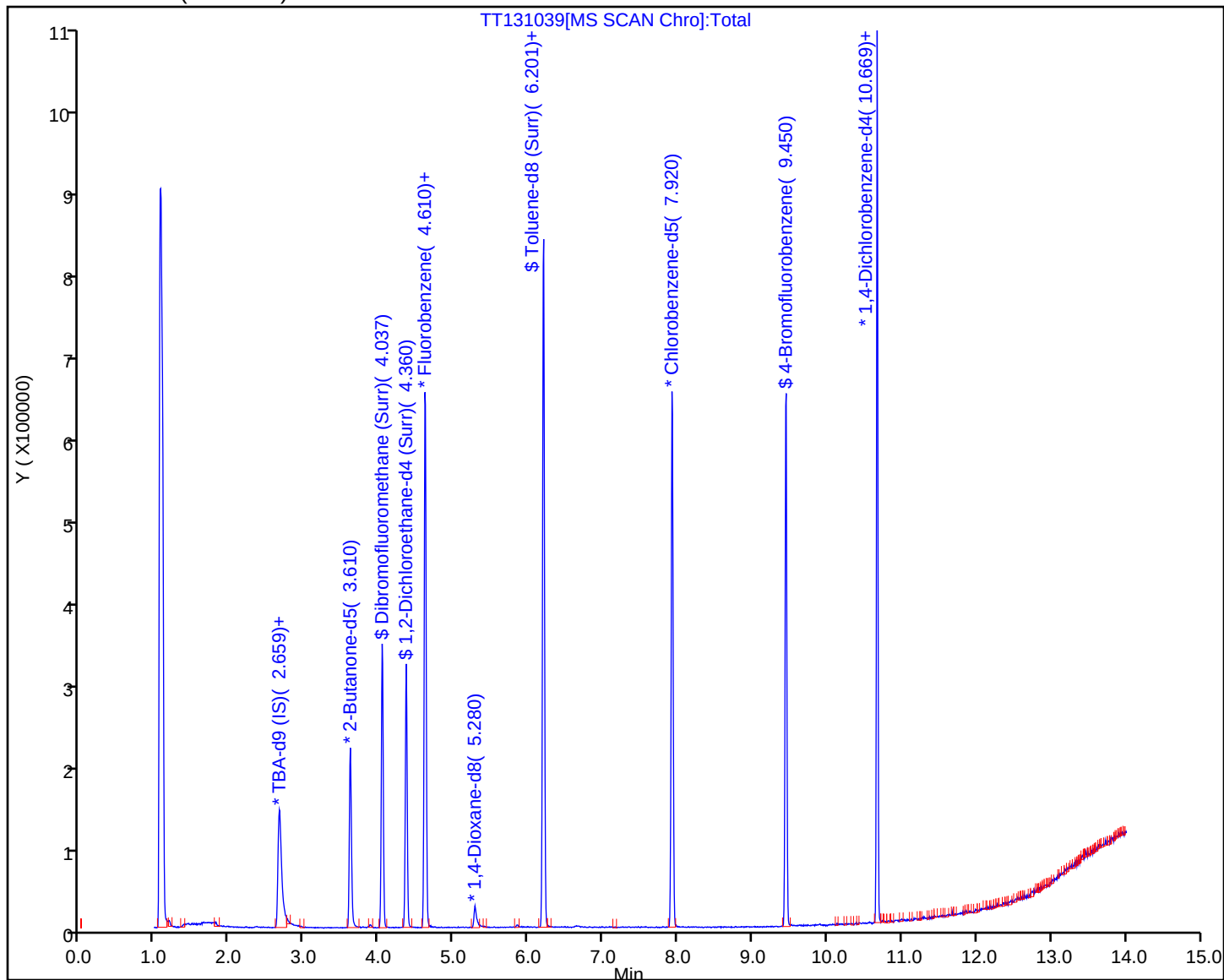
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131039.D

Injection Date: 07-Oct-2020 20:04:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

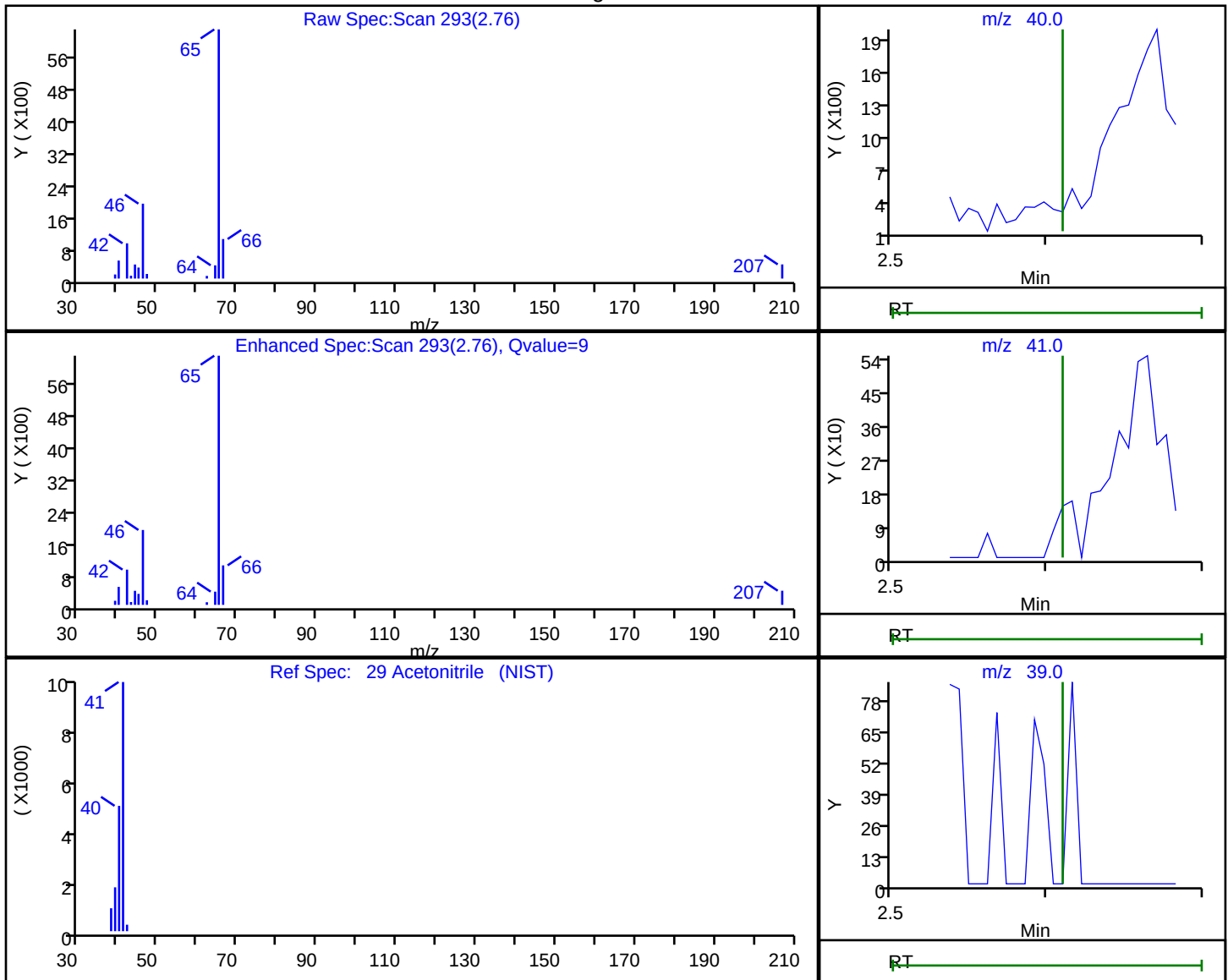
Column: DB-624 (0.18 mm)

Detector

MS Quad

29 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
2.76	40.00	225	1.359564
2.77	41.00	41	
2.75	39.00	100	
2.75	38.00	117	

Reviewer: parekhv, 07-Oct-2020 20:38:07

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131039.D

Injection Date: 07-Oct-2020 20:04:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

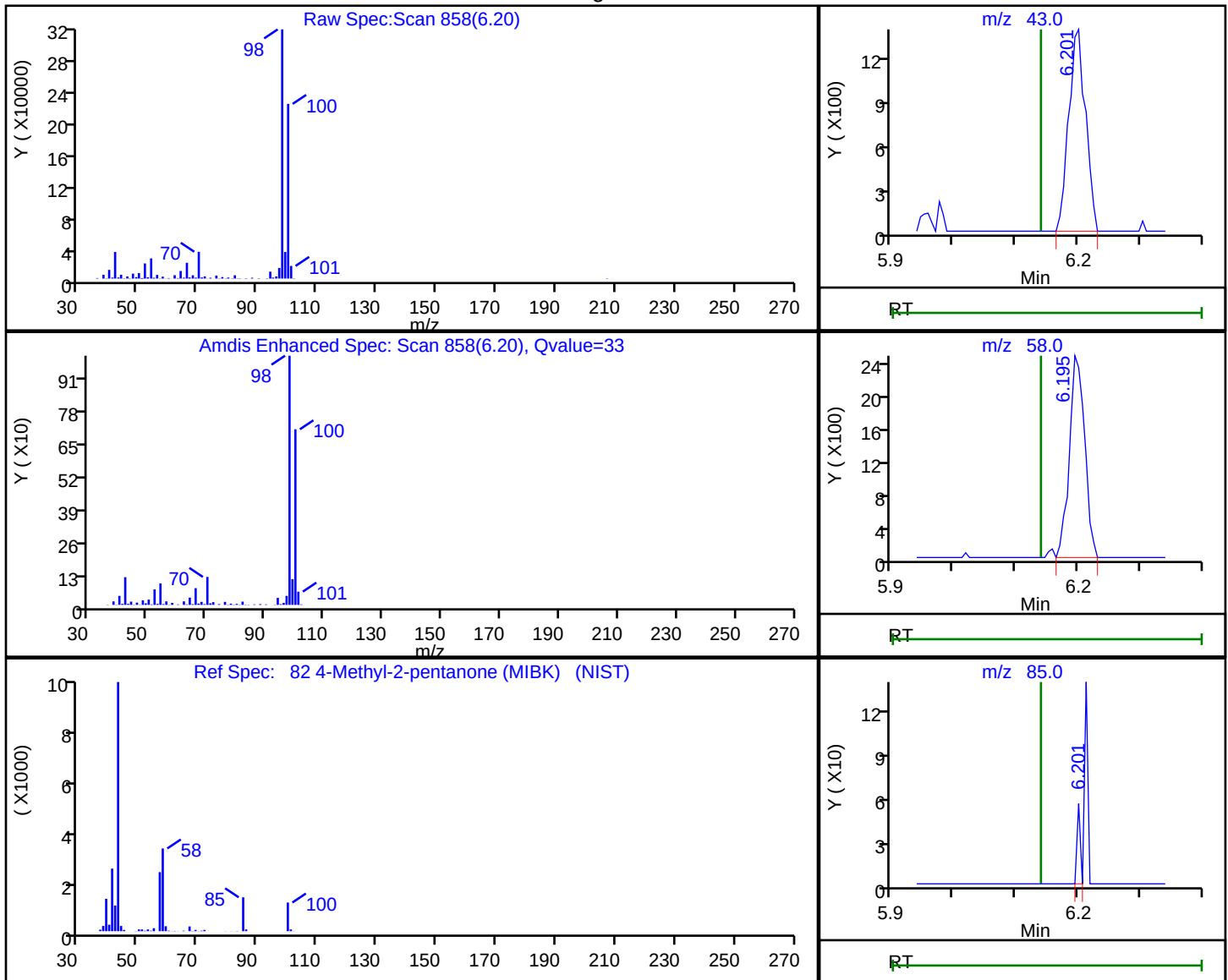
Column: DB-624 (0.18 mm)

Detector

MS Quad

82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
6.20	43.00	2492	1.153907
6.19	58.00	4244	
6.20	85.00	20	
6.20	100.00	384002	

Reviewer: parekhv, 07-Oct-2020 20:38:19

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131039.D

Injection Date: 07-Oct-2020 20:04:30

Instrument ID: CVOAMS17

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

6

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

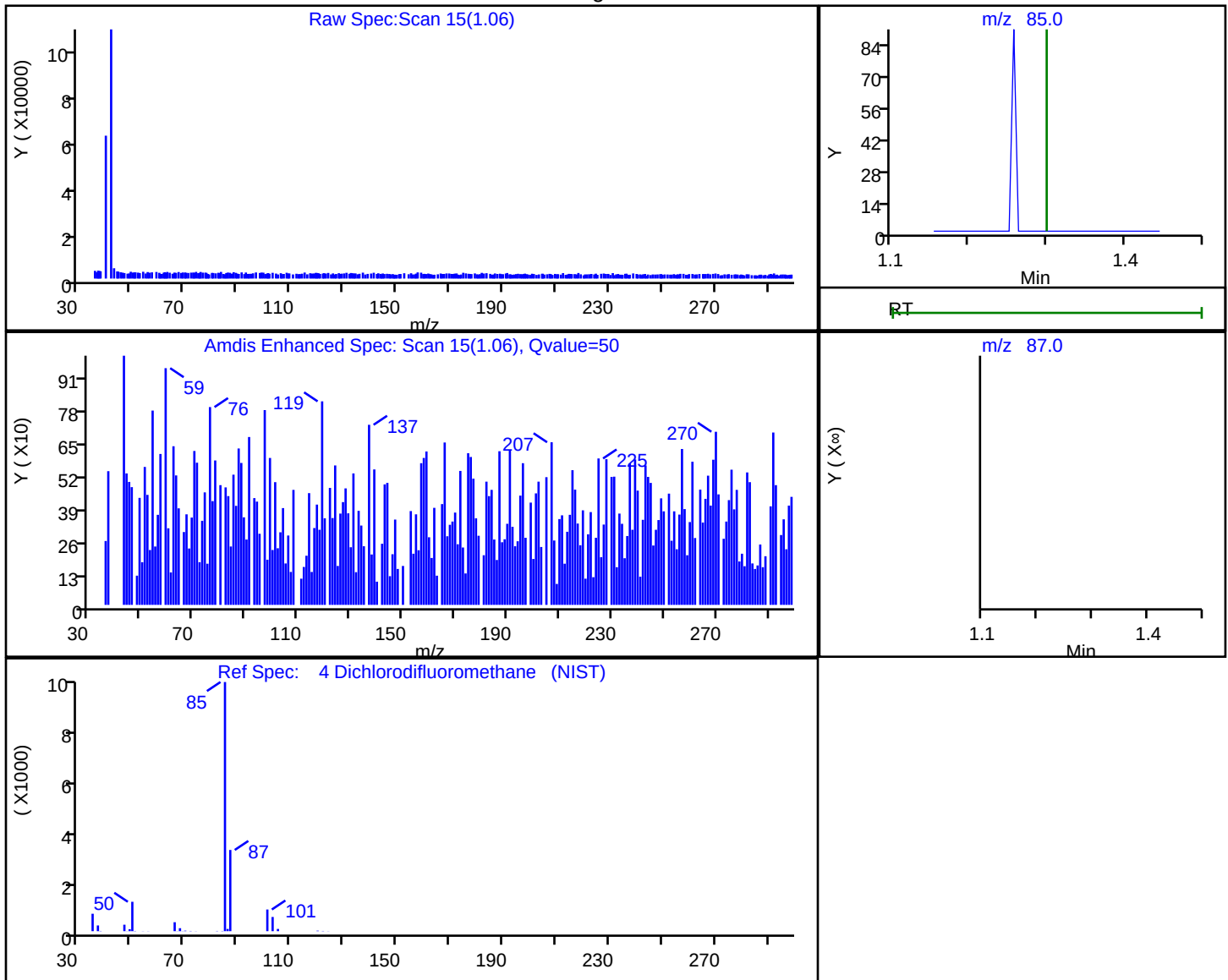
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.06	85.00	6449	1.057459
1.06	87.00	9473	

Reviewer: parekhv, 07-Oct-2020 20:38:14

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.: 460-219430-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-728944/3

Matrix: Water Lab File ID: TT130821.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 06:59

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	82.8		50	4.4
75-05-8	Acetonitrile	241		10	5.0
71-43-2	Benzene	19.7		1.0	0.20
100-44-7	Benzyl chloride	23.6		10	0.34
75-27-4	Bromodichloromethane	19.7	J	50	0.34
75-25-2	Bromoform	20.0		5.0	0.54
74-83-9	Bromomethane	19.3		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	99.9		5.0	1.3
75-15-0	Carbon disulfide	21.0	J	60	0.82
56-23-5	Carbon tetrachloride	20.2		5.0	0.21
108-90-7	Chlorobenzene	19.7		5.0	0.38
75-00-3	Chloroethane	18.2		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	19.9	J	20	0.43
67-66-3	Chloroform	20.5		7.0	0.33
74-87-3	Chloromethane	20.7		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
124-48-1	Dibromochloromethane	20.9	J	50	0.28
74-95-3	Dibromomethane	20.0		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.3		3.0	0.21
541-73-1	1,3-Dichlorobenzene	19.8		3.0	0.34
106-46-7	1,4-Dichlorobenzene	19.6		3.0	0.33
75-71-8	Dichlorodifluoromethane	21.7		5.0	0.31
75-34-3	1,1-Dichloroethane	20.4		5.0	0.26
107-06-2	1,2-Dichloroethane	19.9		1.0	0.43
75-35-4	1,1-Dichloroethene	20.0		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	38.9		2.0	0.44
78-87-5	1,2-Dichloropropane	20.7		1.0	0.35
100-41-4	Ethylbenzene	21.0		5.0	0.30
78-93-3	2-Butanone (MEK)	86.8		50	1.9
75-09-2	Methylene Chloride	19.2		5.0	0.32
80-62-6	Methyl methacrylate	41.7	J	50	0.97
179601-23-1	m&p-Xylene	21.3		10	0.30
95-47-6	o-Xylene	20.5		5.0	0.36
100-42-5	Styrene	21.5		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	20.5		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-728944/3
 Matrix: Water Lab File ID: TT130821.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 06:59
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	20.2		5.0	0.37
127-18-4	Tetrachloroethene	19.7		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.4		1.0	0.22
71-55-6	1,1,1-Trichloroethane	19.8		5.0	0.24
79-00-5	1,1,2-Trichloroethane	20.8		1.0	0.20
79-01-6	Trichloroethene	18.9		5.0	0.31
96-18-4	1,2,3-Trichloropropane	21.2		1.0	0.66
108-88-3	Toluene	20.2		5.0	0.38
108-05-4	Vinyl acetate	52.7		5.0	0.83
75-01-4	Vinyl chloride	21.5		2.0	0.17
1330-20-7	Xylenes, Total	41.8		15	0.65
591-78-6	2-Hexanone	98.4		50	1.1
156-59-2	cis-1,2-Dichloroethene	19.7		5.0	0.22
106-93-4	1,2-Dibromoethane	20.5		5.0	0.50
97-63-2	Ethyl methacrylate	21.3		5.0	0.26
74-88-4	Iodomethane	20.6		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	21.5		5.0	0.34
126-98-7	Methacrylonitrile	207		5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130821.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 04-Oct-2020 06:59:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0117814-003
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 08:38:38 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:35:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.183	1.196	-0.013	70	8818	20.0	17.5	a
2 1,1-Difluoroethane	51	1.275	1.269	0.006	93	77087	20.0	19.7	
3 Chlorotrifluoroethene	116	1.275	1.269	0.006	60	37585	20.0	20.9	
4 Dichlorodifluoromethane	85	1.299	1.293	0.006	99	149356	20.0	21.7	
5 Chlorodifluoromethane	51	1.312	1.312	0.000	98	130032	20.0	22.0	
6 Chloromethane	50	1.433	1.434	-0.001	99	113010	20.0	20.7	
8 Butadiene	54	1.500	1.495	0.005	98	93048	20.0	19.9	
7 Vinyl chloride	62	1.507	1.507	0.000	98	118470	20.0	21.5	
9 Bromomethane	94	1.726	1.726	0.000	98	87153	20.0	19.3	
10 Chloroethane	64	1.787	1.775	0.012	99	61433	20.0	18.2	
11 Dichlorofluoromethane	67	1.933	1.927	0.006	97	170682	20.0	20.7	
12 Trichlorofluoromethane	101	1.939	1.940	-0.001	85	167180	20.0	22.3	
13 Pentane	72	1.946	1.940	0.006	94	23431	40.0	42.1	
14 Ethanol	46	2.104	2.086	0.018	72	12054	800.0	832.5	
15 Ethyl ether	74	2.110	2.104	0.006	96	35121	20.0	19.1	
16 2-Methyl-1,3-butadiene	53	2.122	2.122	0.000	98	58608	20.0	20.0	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.159	2.159	0.000	88	79109	20.0	21.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	95	112643	20.0	22.1	a
19 Acrolein	56	2.250	2.250	0.000	95	17860	40.0	46.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.263	0.006	95	80722	20.0	21.2	
21 1,1-Dichloroethene	96	2.287	2.281	0.006	97	71881	20.0	20.0	
22 Acetone	43	2.354	2.354	0.000	86	92492	100.0	82.8	
23 Iodomethane	142	2.415	2.415	0.000	100	154571	20.0	20.6	
25 Isopropyl alcohol	45	2.433	2.433	0.000	37	37091	200.0	178.6	
24 Carbon disulfide	76	2.445	2.439	0.006	99	287533	20.0	21.0	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	84	41766	20.0	20.8	
27 Methyl acetate	43	2.561	2.561	0.000	94	88748	40.0	41.2	
28 Cyclopentene	67	2.567	2.561	0.006	94	156964	20.0	20.2	
29 Acetonitrile	40	2.616	2.610	0.006	98	50107	200.0	240.7	a
* 31 TBA-d9 (IS)	66	2.671	2.659	0.012	98	56361	1000.0	1000.0	
30 Methylene Chloride	84	2.665	2.659	0.006	89	83936	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.732	2.720	0.012	93	65400	200.0	155.3	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	190354	20.0	20.0	
34 trans-1,2-Dichloroethene	96	2.823	2.817	0.006	98	71289	20.0	19.2	
35 Acrylonitrile	53	2.890	2.885	0.006	93	227705	200.0	204.1	
36 Hexane	57	2.958	2.958	0.000	90	85208	20.0	23.7	
37 Isopropyl ether	45	3.153	3.147	0.006	92	191201	20.0	20.7	
38 1,1-Dichloroethane	63	3.171	3.171	0.000	99	123514	20.0	20.4	
39 Vinyl acetate	86	3.189	3.189	0.000	99	27584	40.0	52.7	
40 2-Chloro-1,3-butadiene	88	3.207	3.208	-0.001	92	60846	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.439	3.433	0.006	89	193060	20.0	21.1	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	92	318300	250.0	250.0	
43 2,2-Dichloropropane	97	3.622	3.616	0.006	69	26674	20.0	22.7	
44 cis-1,2-Dichloroethene	96	3.640	3.634	0.006	97	77256	20.0	19.7	
45 2-Butanone (MEK)	72	3.659	3.659	0.000	97	35354	100.0	86.8	
46 Ethyl acetate	70	3.671	3.671	0.000	96	13803	40.0	42.4	
47 Methyl acrylate	55	3.713	3.714	-0.001	100	51318	20.0	20.5	
48 Propionitrile	54	3.781	3.781	0.000	97	87085	200.0	178.4	
49 Chlorobromomethane	128	3.848	3.842	0.006	79	42909	20.0	20.4	
50 Tetrahydrofuran	72	3.848	3.842	0.006	61	16289	40.0	38.0	
51 Methacrylonitrile	67	3.872	3.872	0.000	92	253407	200.0	207.0	
52 Chloroform	83	3.896	3.897	0.000	98	130549	20.0	20.5	
53 Cyclohexane	84	4.012	4.012	0.000	90	109493	20.0	21.8	
54 1,1,1-Trichloroethane	97	4.024	4.025	-0.001	98	130137	20.0	19.8	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	97	207451	50.0	51.6	
56 Carbon tetrachloride	117	4.134	4.128	0.006	97	115647	20.0	20.2	
57 1,1-Dichloropropene	75	4.165	4.159	0.006	94	89528	20.0	20.2	
58 Isobutyl alcohol	43	4.311	4.305	0.006	95	90699	500.0	425.7	
59 Isooctane	57	4.329	4.323	0.006	99	233613	20.0	22.2	
60 Benzene	78	4.341	4.342	-0.001	97	251108	20.0	19.7	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	98	249947	50.0	52.0	
62 Tert-amyl methyl ether	73	4.415	4.415	0.000	80	233543	20.0	21.6	
63 Isopropyl acetate	61	4.421	4.421	0.000	92	32769	20.0	21.8	
64 1,2-Dichloroethane	62	4.433	4.427	0.006	98	103379	20.0	19.9	
65 n-Heptane	100	4.500	4.500	0.000	85	19066	20.0	23.4	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	645787	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	90	33609	500.0	413.3	
68 Trichloroethene	95	4.945	4.945	0.000	96	68081	20.0	18.9	
69 Methylcyclohexane	83	5.061	5.061	0.000	94	119720	20.0	21.1	
70 Ethyl acrylate	99	5.079	5.079	0.000	97	10207	20.0	22.0	
71 1,2-Dichloropropane	63	5.219	5.213	0.006	84	58977	20.0	20.7	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	85	34125	1000.0	1000.0	M
73 Methyl methacrylate	100	5.311	5.311	0.000	84	33545	40.0	41.7	
74 Dibromomethane	93	5.335	5.335	0.000	92	44779	20.0	20.0	
75 1,4-Dioxane	88	5.335	5.335	0.000	34	16261	400.0	409.3	M
76 n-Propyl acetate	43	5.372	5.372	0.000	97	71101	20.0	19.9	
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	93996	20.0	19.7	
78 2-Nitropropane	41	5.817	5.817	0.000	86	31190	40.0	40.9	
79 2-Chloroethyl vinyl ether	63	5.829	5.823	0.006	84	33331	20.0	19.9	
80 Epichlorohydrin	57	5.920	5.920	0.000	98	123344	400.0	402.4	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	105378	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	271294	100.0	99.9	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	99	662936	50.0	51.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.274	6.274	0.000	95	262118	20.0	20.2	
85 trans-1,3-Dichloropropene	75	6.621	6.622	-0.001	98	95693	20.0	19.4	
86 Ethyl methacrylate	69	6.670	6.670	0.000	89	69116	20.0	21.3	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	93	47659	20.0	20.8	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	78484	20.0	19.7	
89 1,3-Dichloropropane	76	7.024	7.024	0.000	95	91895	20.0	20.5	
90 2-Hexanone	43	7.109	7.109	0.000	95	165780	100.0	98.4	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	74566	20.0	20.7	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	72058	20.0	20.9	
93 Ethylene Dibromide	107	7.383	7.384	-0.001	99	59336	20.0	20.5	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	473381	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	177635	20.0	19.7	
96 Ethylbenzene	106	8.072	8.073	-0.001	99	95071	20.0	21.0	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.079	0.006	93	80004	20.0	20.5	
98 m-Xylene & p-Xylene	106	8.225	8.231	-0.006	96	116036	20.0	21.3	
99 o-Xylene	106	8.743	8.743	0.000	94	120050	20.0	20.5	
100 n-Butyl acrylate	73	8.767	8.768	-0.001	96	43165	20.0	21.6	
101 Styrene	104	8.780	8.780	0.000	95	182683	20.0	21.5	
102 Bromoform	173	9.030	9.030	0.000	98	50564	20.0	20.0	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	90634	20.0	20.6	
104 Isopropylbenzene	105	9.212	9.213	-0.001	96	342006	20.0	21.8	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	234337	50.0	50.8	
106 Bromobenzene	156	9.596	9.597	-0.001	91	85515	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	97	76584	20.0	20.2	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	371901	20.0	20.7	
109 1,2,3-Trichloropropane	110	9.724	9.731	-0.007	95	25236	20.0	21.2	
110 trans-1,4-Dichloro-2-butene	53	9.761	9.761	0.000	86	18998	20.0	21.5	
111 2-Chlorotoluene	91	9.816	9.810	0.006	97	262904	20.0	21.2	
112 4-Ethyltoluene	105	9.840	9.840	0.000	98	319315	20.0	21.5	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	284140	20.0	21.2	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	256911	20.0	20.9	
115 Butyl Methacrylate	87	10.066	10.066	0.000	94	66728	20.0	17.2	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	247819	20.0	20.7	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	296804	20.0	21.5	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	384448	20.0	21.4	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	166645	20.0	19.8	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	340823	20.0	22.1	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.670	-0.001	95	282999	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	165538	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	302316	20.0	20.7	
124 Benzyl chloride	91	10.846	10.846	0.000	99	150998	20.0	23.6	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	288999	20.0	20.4	
126 p-Diethylbenzene	119	10.986	10.987	-0.001	93	180280	20.0	21.6	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	175862	20.0	22.3	
128 1,2-Dichlorobenzene	146	11.035	11.041	-0.006	96	167403	20.0	20.3	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	97	340184	20.0	20.3	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.743	-0.001	95	22938	20.0	21.0	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	170694	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	165068	20.0	19.5	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	96	85626	20.0	20.2	
134 Naphthalene	128	12.559	12.559	0.000	99	335788	20.0	20.9	
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	157354	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	
S 137 Xylenes, Total	100				0		40.0	41.8	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.1	
S 140 Total BTEX	1				0		100.0	102.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130821.D

Injection Date: 04-Oct-2020 06:59:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#: 2

Worklist Smp#: 3

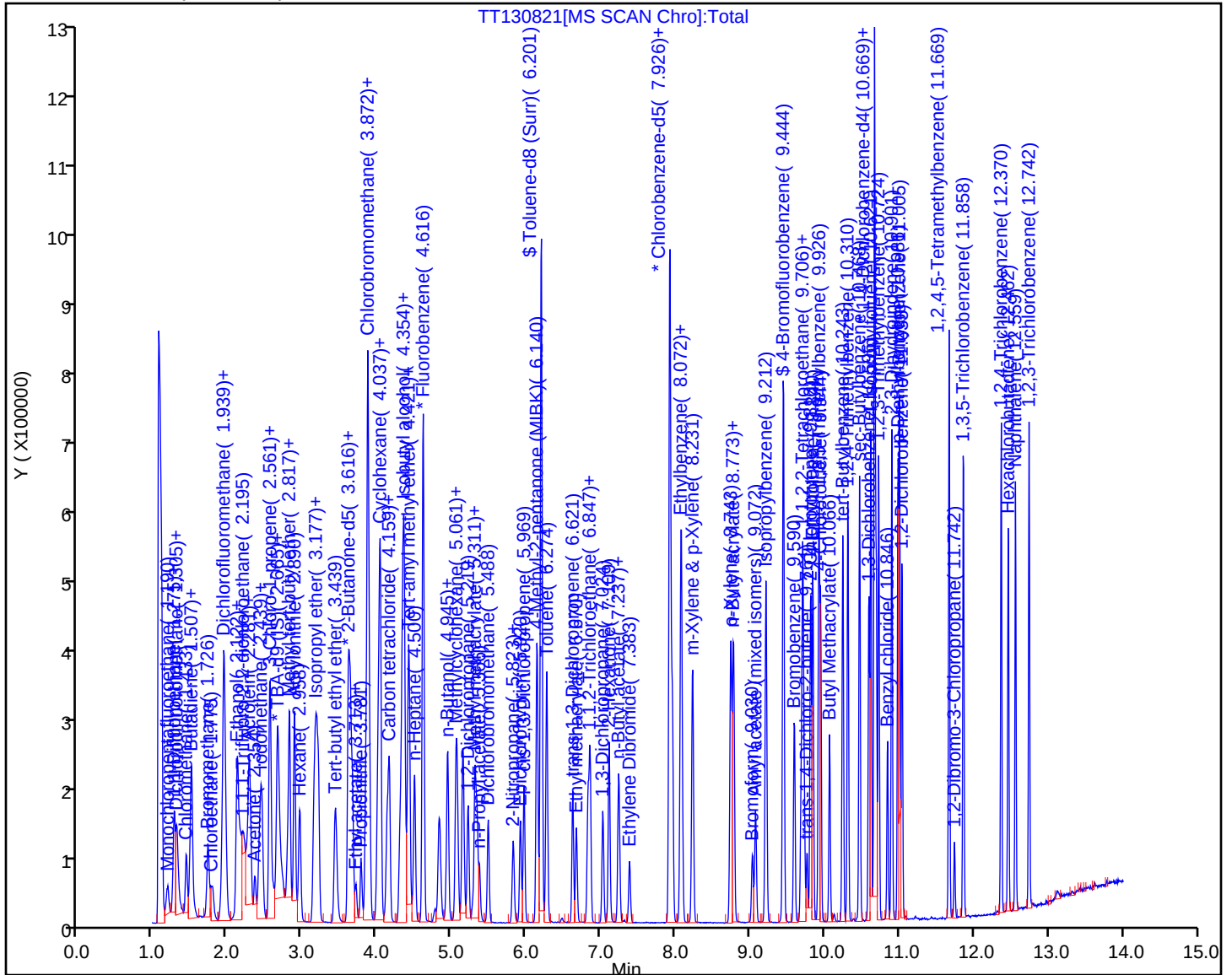
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130821.D

Injection Date: 04-Oct-2020 06:59:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

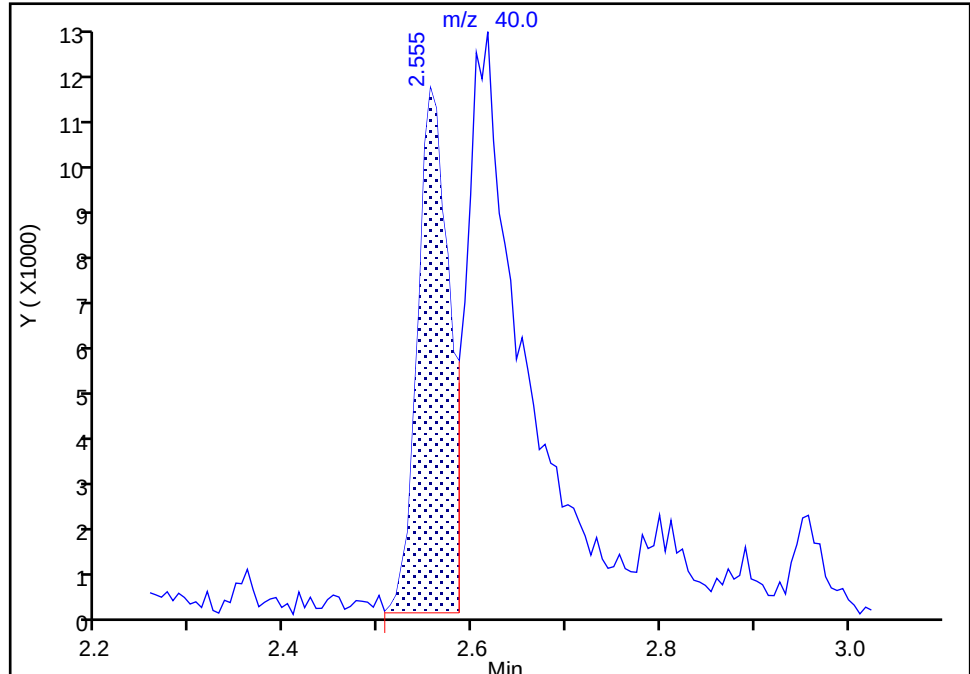
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

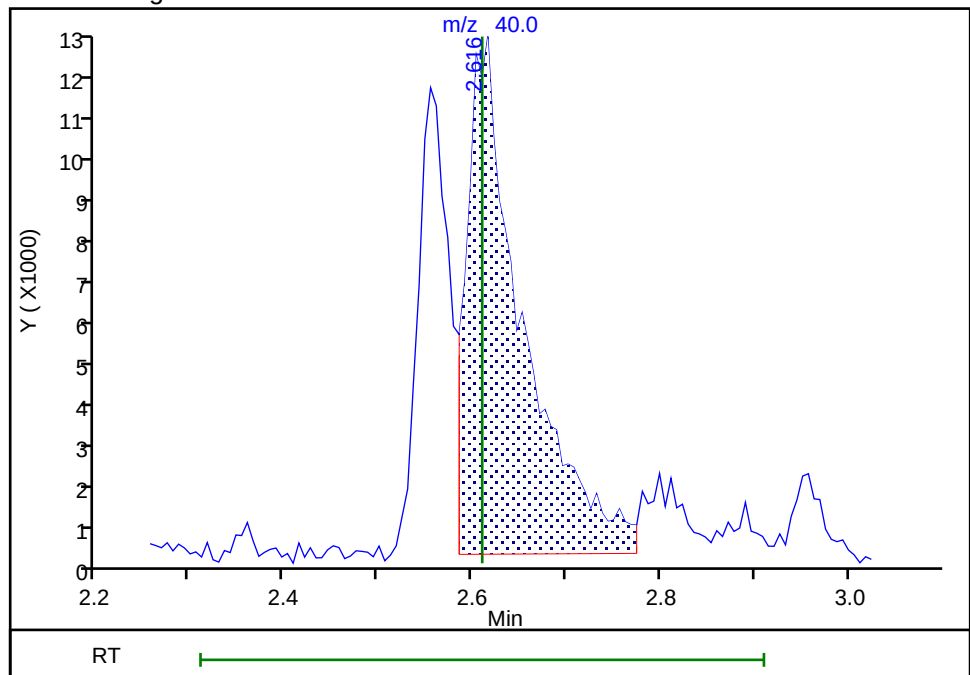
RT: 2.56
Area: 26457
Amount: 127.0895
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 50107
Amount: 240.6873
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:34:37

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130821.D

Injection Date: 04-Oct-2020 06:59:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

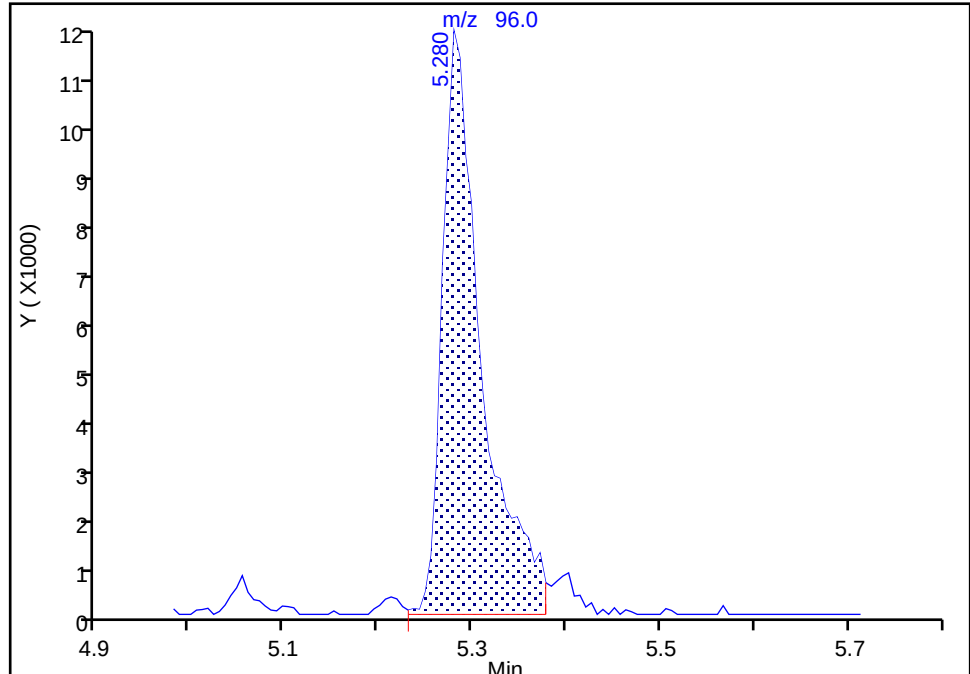
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

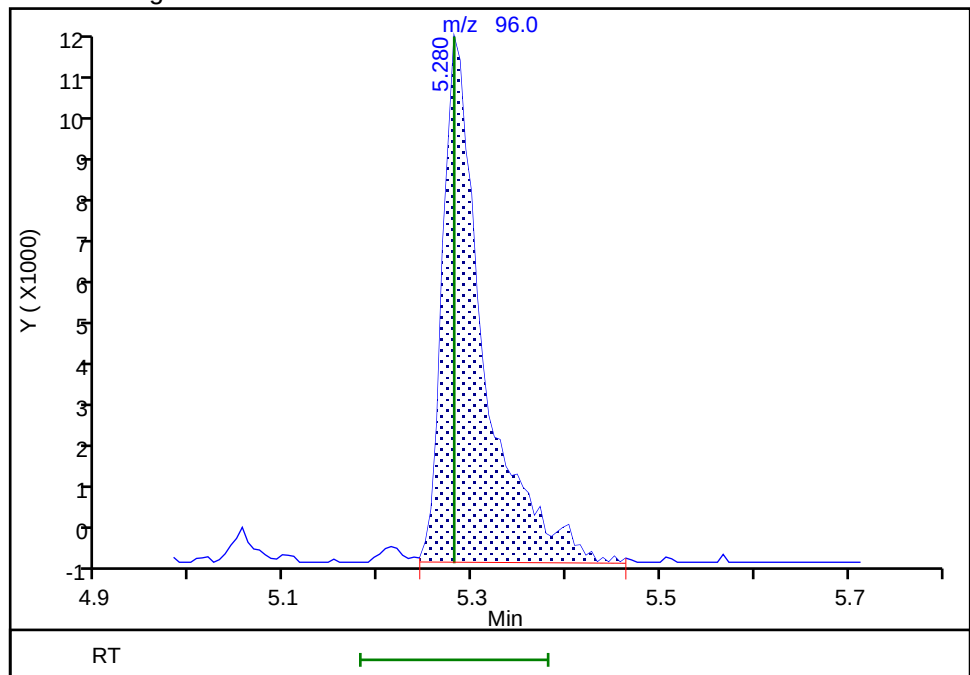
RT: 5.28
Area: 32586
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 34125
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:33:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-729856/3
 Matrix: Water Lab File ID: TT131035.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 18:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	93.7		50	4.4
75-05-8	Acetonitrile	249		10	5.0
71-43-2	Benzene	21.1		1.0	0.20
100-44-7	Benzyl chloride	22.5		10	0.34
75-27-4	Bromodichloromethane	20.2	J	50	0.34
75-25-2	Bromoform	19.9		5.0	0.54
74-83-9	Bromomethane	21.8		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	104		5.0	1.3
75-15-0	Carbon disulfide	21.1	J	60	0.82
56-23-5	Carbon tetrachloride	21.1		5.0	0.21
108-90-7	Chlorobenzene	20.7		5.0	0.38
75-00-3	Chloroethane	20.5		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	19.2	J	20	0.43
67-66-3	Chloroform	21.7		7.0	0.33
74-87-3	Chloromethane	20.0		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.22
124-48-1	Dibromochloromethane	20.7	J	50	0.28
74-95-3	Dibromomethane	21.1		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.0		3.0	0.21
541-73-1	1,3-Dichlorobenzene	20.6		3.0	0.34
106-46-7	1,4-Dichlorobenzene	20.6		3.0	0.33
75-71-8	Dichlorodifluoromethane	19.6		5.0	0.31
75-34-3	1,1-Dichloroethane	21.5		5.0	0.26
107-06-2	1,2-Dichloroethane	20.3		1.0	0.43
75-35-4	1,1-Dichloroethene	21.0		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	43.2		2.0	0.44
78-87-5	1,2-Dichloropropane	21.4		1.0	0.35
100-41-4	Ethylbenzene	22.1		5.0	0.30
78-93-3	2-Butanone (MEK)	96.3		50	1.9
75-09-2	Methylene Chloride	20.1		5.0	0.32
80-62-6	Methyl methacrylate	41.0	J	50	0.97
179601-23-1	m&p-Xylene	22.3		10	0.30
95-47-6	o-Xylene	21.2		5.0	0.36
100-42-5	Styrene	22.1		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	20.9		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-729856/3
 Matrix: Water Lab File ID: TT131035.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 18:28
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	19.8		5.0	0.37
127-18-4	Tetrachloroethene	21.1		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	21.7		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.22
71-55-6	1,1,1-Trichloroethane	21.1		5.0	0.24
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.20
79-01-6	Trichloroethene	19.8		5.0	0.31
96-18-4	1,2,3-Trichloropropane	19.6		1.0	0.66
108-88-3	Toluene	20.9		5.0	0.38
108-05-4	Vinyl acetate	52.9		5.0	0.83
75-01-4	Vinyl chloride	20.2		2.0	0.17
1330-20-7	Xylenes, Total	43.5		15	0.65
591-78-6	2-Hexanone	97.1		50	1.1
156-59-2	cis-1,2-Dichloroethene	21.5		5.0	0.22
106-93-4	1,2-Dibromoethane	20.1		5.0	0.50
97-63-2	Ethyl methacrylate	19.9		5.0	0.26
74-88-4	Iodomethane	22.1		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	18.6		5.0	0.34
126-98-7	Methacrylonitrile	207		5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	102		76-120
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131035.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Oct-2020 18:28:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0118001-003
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 11:32:52 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 07-Oct-2020 18:48:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.208	1.196	0.012	70	9237	20.0	21.6	
3 Chlorotrifluoroethene	116	1.275	1.275	0.000	56	29643	20.0	19.5	a
2 1,1-Difluoroethane	51	1.281	1.275	0.006	93	62254	20.0	18.8	
4 Dichlorodifluoromethane	85	1.299	1.299	0.000	98	114457	20.0	19.6	
5 Chlorodifluoromethane	51	1.318	1.311	0.007	100	104332	20.0	20.9	
6 Chloromethane	50	1.446	1.439	0.007	99	92233	20.0	20.0	
8 Butadiene	54	1.513	1.507	0.007	96	77276	20.0	19.5	
7 Vinyl chloride	62	1.513	1.513	0.000	95	94190	20.0	20.2	
9 Bromomethane	94	1.732	1.726	0.006	99	74886	20.0	21.8	
10 Chloroethane	64	1.787	1.775	0.012	100	52858	20.0	20.5	
11 Dichlorofluoromethane	67	1.940	1.933	0.007	98	147142	20.0	21.1	
12 Trichlorofluoromethane	101	1.946	1.945	0.001	79	136786	20.0	21.6	
13 Pentane	72	1.964	1.952	0.012	93	20198	40.0	42.9	
14 Ethanol	46	2.098	2.098	0.000	88	10405	800.0	886.8	
15 Ethyl ether	74	2.110	2.110	0.000	95	32055	20.0	20.6	
16 2-Methyl-1,3-butadiene	53	2.128	2.122	0.006	97	50507	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.171	2.159	0.012	83	71011	20.0	23.2	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	94	100777	20.0	23.4	a
19 Acrolein	56	2.250	2.256	-0.006	94	13433	40.0	43.5	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.281	2.269	0.012	96	69221	20.0	21.5	
21 1,1-Dichloroethene	96	2.293	2.287	0.006	99	63826	20.0	21.0	
22 Acetone	43	2.366	2.360	0.006	86	80013	100.0	93.7	
23 Iodomethane	142	2.421	2.415	0.006	99	140305	20.0	22.1	
25 Isopropyl alcohol	45	2.446	2.445	0.001	35	29229	200.0	173.8	
24 Carbon disulfide	76	2.452	2.451	0.001	99	243818	20.0	21.1	
26 3-Chloro-1-propene	76	2.555	2.549	0.006	86	38125	20.0	22.5	
27 Methyl acetate	43	2.567	2.561	0.006	70	70700	40.0	38.8	
28 Cyclopentene	67	2.567	2.567	0.000	89	136833	20.0	20.8	
29 Acetonitrile	40	2.610	2.610	0.000	94	39590	200.0	248.9	a
* 31 TBA-d9 (IS)	66	2.665	2.659	0.006	99	45649	1000.0	1000.0	
30 Methylene Chloride	84	2.665	2.665	0.000	75	74388	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
32 2-Methyl-2-propanol	59	2.726	2.726	0.000	91	64451	200.0	189.0	a
33 Methyl tert-butyl ether	73	2.811	2.811	0.000	95	166195	20.0	20.6	
34 trans-1,2-Dichloroethene	96	2.823	2.823	0.000	94	67988	20.0	21.7	
35 Acrylonitrile	53	2.891	2.890	0.001	95	191094	200.0	202.7	
36 Hexane	57	2.964	2.957	0.007	92	69530	20.0	22.8	
37 Isopropyl ether	45	3.159	3.153	0.006	93	161703	20.0	20.7	
38 1,1-Dichloroethane	63	3.177	3.171	0.006	98	110235	20.0	21.5	
39 Vinyl acetate	86	3.189	3.189	0.000	99	21152	40.0	52.9	
40 2-Chloro-1,3-butadiene	88	3.214	3.213	0.001	91	56177	20.0	23.0	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	89	166231	20.0	21.5	
* 42 2-Butanone-d5	46	3.616	3.610	0.006	92	243162	250.0	250.0	
43 2,2-Dichloropropane	97	3.628	3.616	0.012	74	22976	20.0	23.1	
44 cis-1,2-Dichloroethene	96	3.646	3.640	0.006	98	71268	20.0	21.5	
45 2-Butanone (MEK)	72	3.665	3.665	0.000	97	29985	100.0	96.3	
46 Ethyl acetate	70	3.671	3.665	0.006	96	11338	40.0	45.6	
47 Methyl acrylate	55	3.714	3.713	0.001	99	41558	20.0	19.7	
48 Propionitrile	54	3.781	3.780	0.001	98	71502	200.0	180.9	
49 Chlorobromomethane	128	3.848	3.841	0.007	76	37405	20.0	21.0	
50 Tetrahydrofuran	72	3.854	3.848	0.006	60	13540	40.0	41.3	
51 Methacrylonitrile	67	3.872	3.872	0.000	90	214621	200.0	207.4	
52 Chloroform	83	3.896	3.896	0.000	98	116907	20.0	21.7	
53 Cyclohexane	84	4.012	4.006	0.006	90	93752	20.0	22.1	
54 1,1,1-Trichloroethane	97	4.031	4.024	0.007	98	116898	20.0	21.1	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.007	98	174001	50.0	51.2	
56 Carbon tetrachloride	117	4.134	4.134	0.000	97	102005	20.0	21.1	
57 1,1-Dichloropropene	75	4.165	4.158	0.007	95	81207	20.0	21.7	
58 Isobutyl alcohol	43	4.311	4.305	0.006	93	76081	500.0	440.8	
59 Isooctane	57	4.329	4.323	0.006	99	195571	20.0	22.0	
60 Benzene	78	4.348	4.341	0.007	96	228224	20.0	21.1	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	204394	50.0	50.4	
62 Tert-amyl methyl ether	73	4.421	4.414	0.007	79	195544	20.0	21.4	
63 Isopropyl acetate	61	4.427	4.421	0.006	91	25914	20.0	20.4	
64 1,2-Dichloroethane	62	4.433	4.427	0.006	98	88879	20.0	20.3	
65 n-Heptane	100	4.506	4.500	0.006	86	15517	20.0	22.5	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	545769	50.0	50.0	
67 n-Butanol	56	4.927	4.933	-0.006	90	27756	500.0	421.4	
68 Trichloroethene	95	4.945	4.939	0.006	96	60444	20.0	19.8	
69 Methylcyclohexane	83	5.067	5.055	0.012	95	100626	20.0	21.0	
70 Ethyl acrylate	99	5.073	5.079	-0.006	98	8017	20.0	20.5	a
71 1,2-Dichloropropane	63	5.219	5.213	0.006	85	51459	20.0	21.4	
* 72 1,4-Dioxane-d8	96	5.286	5.280	0.006	87	28848	1000.0	1000.0	
73 Methyl methacrylate	100	5.311	5.311	0.000	85	27916	40.0	41.0	
75 1,4-Dioxane	88	5.335	5.329	0.006	39	13626	400.0	405.8	
74 Dibromomethane	93	5.335	5.335	0.000	92	40045	20.0	21.1	
76 n-Propyl acetate	43	5.372	5.372	0.000	97	56276	20.0	18.6	
77 Dichlorobromomethane	83	5.488	5.487	0.001	99	81747	20.0	20.2	
78 2-Nitropropane	41	5.817	5.817	0.000	87	27143	40.0	42.1	
79 2-Chloroethyl vinyl ether	63	5.829	5.823	0.006	79	27097	20.0	19.2	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	97089	400.0	414.6	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	89731	20.0	20.6	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	215602	100.0	103.9	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	538249	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.274	6.274	0.000	95	230746	20.0	20.9	
85 trans-1,3-Dichloropropene	75	6.622	6.621	0.001	97	79882	20.0	19.1	
86 Ethyl methacrylate	69	6.670	6.670	0.000	88	54841	20.0	19.9	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	38681	20.0	19.8	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	71661	20.0	21.1	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	93	76860	20.0	20.1	
90 2-Hexanone	43	7.109	7.109	0.000	95	124940	100.0	97.1	
91 n-Butyl acetate	43	7.231	7.231	0.000	97	59478	20.0	19.4	
92 Chlorodibromomethane	129	7.243	7.243	0.000	98	60740	20.0	20.7	
93 Ethylene Dibromide	107	7.384	7.383	0.001	100	49528	20.0	20.1	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	85	402852	50.0	50.0	
95 Chlorobenzene	112	7.957	7.956	0.001	97	158323	20.0	20.7	
96 Ethylbenzene	106	8.072	8.072	0.000	98	85193	20.0	22.1	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.084	0.001	93	69212	20.0	20.9	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	103496	20.0	22.3	
99 o-Xylene	106	8.743	8.743	0.000	95	105832	20.0	21.2	
100 n-Butyl acrylate	73	8.767	8.767	0.000	97	34947	20.0	20.6	
101 Styrene	104	8.780	8.779	0.001	96	159979	20.0	22.1	
102 Bromoform	173	9.030	9.036	-0.006	97	42736	20.0	19.9	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	71336	20.0	18.9	
104 Isopropylbenzene	105	9.212	9.212	0.000	96	286869	20.0	21.5	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	199446	50.0	50.8	
106 Bromobenzene	156	9.597	9.596	0.001	90	73740	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	97	64334	20.0	19.8	
108 N-Propylbenzene	91	9.706	9.706	0.000	100	315391	20.0	20.5	
109 1,2,3-Trichloropropane	110	9.725	9.724	0.001	95	19896	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	91	14027	20.0	18.6	
111 2-Chlorotoluene	91	9.816	9.810	0.006	97	223318	20.0	21.0	
112 4-Ethyltoluene	105	9.846	9.840	0.006	99	272986	20.0	21.4	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	94	245058	20.0	21.3	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	215055	20.0	20.4	
115 Butyl Methacrylate	87	10.066	10.066	0.000	93	55481	20.0	16.7	
116 tert-Butylbenzene	119	10.243	10.243	0.000	95	209919	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	251498	20.0	21.3	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	318711	20.0	20.7	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	98	148512	20.0	20.6	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	284536	20.0	21.5	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.669	0.001	94	242307	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	148656	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	98	259453	20.0	20.8	
124 Benzyl chloride	91	10.846	10.846	0.000	99	123223	20.0	22.5	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	245552	20.0	20.3	
126 p-Diethylbenzene	119	10.987	10.986	0.001	94	149427	20.0	20.9	
127 n-Butylbenzene	92	11.005	11.005	0.000	99	147363	20.0	21.8	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	97	148725	20.0	21.0	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	283179	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	94	18850	20.0	20.1	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	97	146116	20.0	20.5	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	93	140192	20.0	19.4	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	97	71144	20.0	19.6	
134 Naphthalene	128	12.559	12.559	0.000	99	271651	20.0	19.7	
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	94	128579	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.2	
S 137 Xylenes, Total	100				0		40.0	43.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.7	
S 140 Total BTEX	1				0		100.0	107.6	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00389	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131035.D

Injection Date: 07-Oct-2020 18:28:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

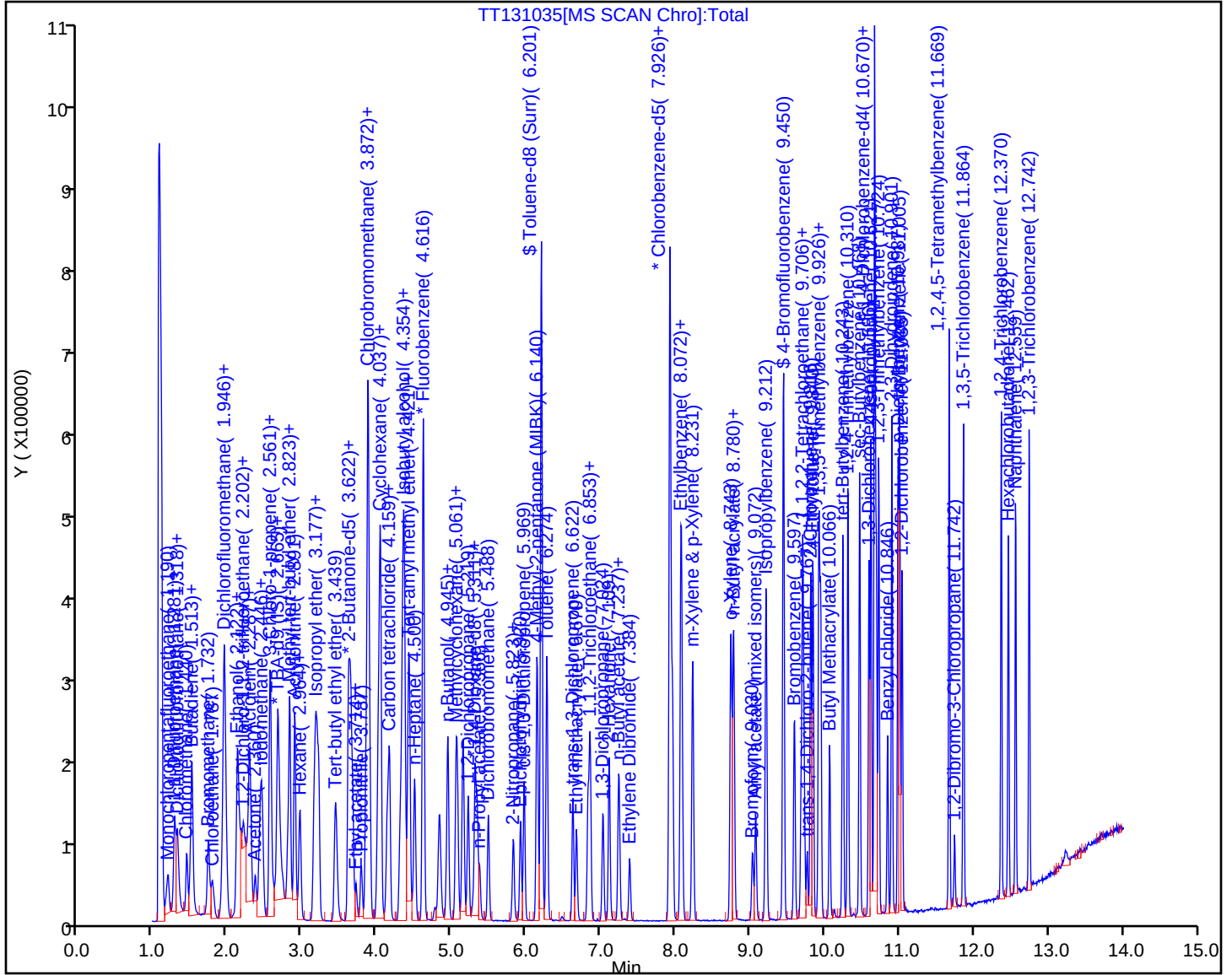
Dil. Factor: 1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131035.D

Injection Date: 07-Oct-2020 18:28:30

Instrument ID: CVOAMS17

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

2

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

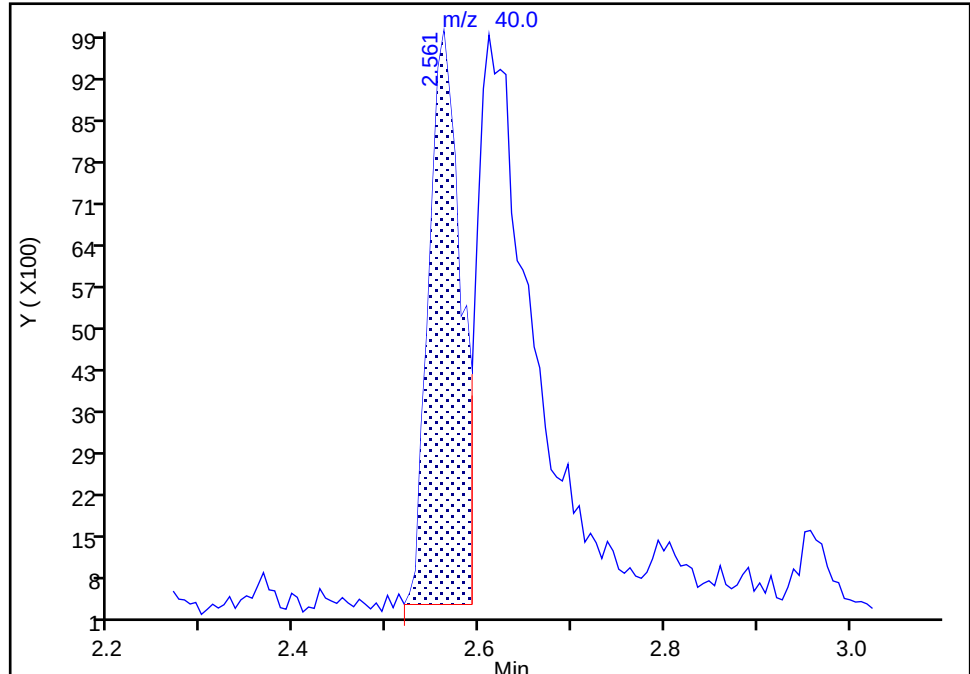
MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

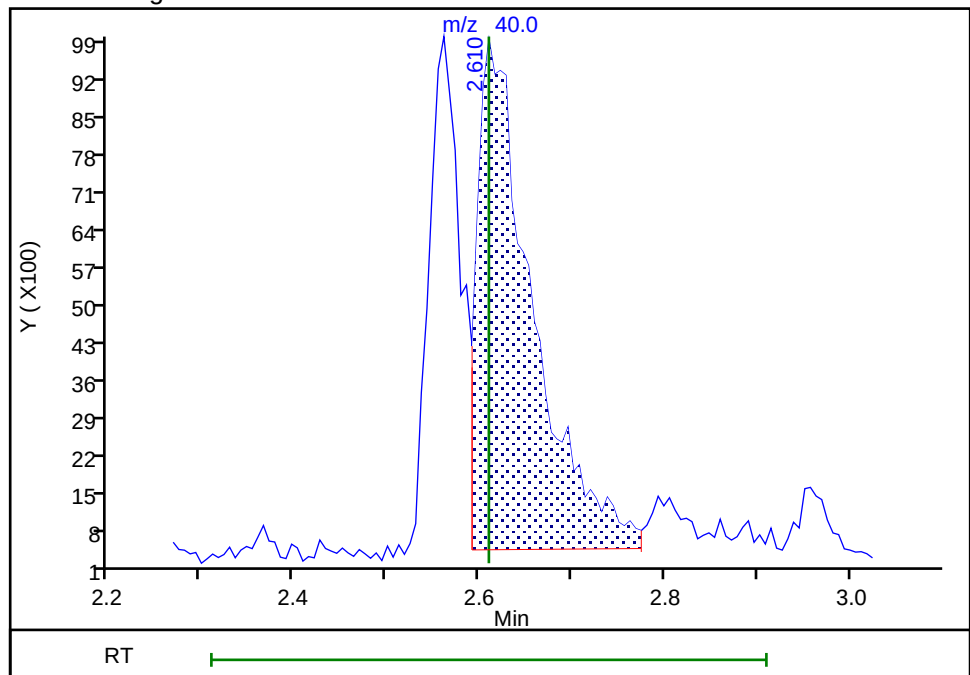
RT: 2.56
Area: 23420
Amount: 147.2633
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 39590
Amount: 248.9317
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 18:48:00

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 460-728944/4

Matrix: Water Lab File ID: TT130822.D

Analysis Method: 8260C Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 07:19

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)

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

Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	90.1		50	4.4
75-05-8	Acetonitrile	261		10	5.0
71-43-2	Benzene	21.0		1.0	0.20
100-44-7	Benzyl chloride	25.3		10	0.34
75-27-4	Bromodichloromethane	21.4	J	50	0.34
75-25-2	Bromoform	21.2		5.0	0.54
74-83-9	Bromomethane	21.8		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
75-15-0	Carbon disulfide	21.5	J	60	0.82
56-23-5	Carbon tetrachloride	21.3		5.0	0.21
108-90-7	Chlorobenzene	21.2		5.0	0.38
75-00-3	Chloroethane	19.8		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	21.1		20	0.43
67-66-3	Chloroform	21.6		7.0	0.33
74-87-3	Chloromethane	21.1		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	21.9		1.0	0.22
124-48-1	Dibromochloromethane	21.5	J	50	0.28
74-95-3	Dibromomethane	20.7		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	21.5		1.0	0.38
95-50-1	1,2-Dichlorobenzene	22.4		3.0	0.21
541-73-1	1,3-Dichlorobenzene	21.7		3.0	0.34
106-46-7	1,4-Dichlorobenzene	22.0		3.0	0.33
75-71-8	Dichlorodifluoromethane	23.5		5.0	0.31
75-34-3	1,1-Dichloroethane	21.3		5.0	0.26
107-06-2	1,2-Dichloroethane	21.4		1.0	0.43
75-35-4	1,1-Dichloroethene	21.3		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	41.8		2.0	0.44
78-87-5	1,2-Dichloropropane	22.4		1.0	0.35
100-41-4	Ethylbenzene	23.0		5.0	0.30
78-93-3	2-Butanone (MEK)	96.0		50	1.9
75-09-2	Methylene Chloride	19.4		5.0	0.32
80-62-6	Methyl methacrylate	43.1	J	50	0.97
179601-23-1	m&p-Xylene	22.8		10	0.30
95-47-6	o-Xylene	22.2		5.0	0.36
100-42-5	Styrene	23.5		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	21.8		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-728944/4
 Matrix: Water Lab File ID: TT130822.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/04/2020 07:19
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 728944 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	22.1		5.0	0.37
127-18-4	Tetrachloroethene	21.0		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	20.8		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.1		1.0	0.22
71-55-6	1,1,1-Trichloroethane	21.2		5.0	0.24
79-00-5	1,1,2-Trichloroethane	21.1		1.0	0.20
79-01-6	Trichloroethene	20.1		5.0	0.31
96-18-4	1,2,3-Trichloropropane	23.0		1.0	0.66
108-88-3	Toluene	21.4		5.0	0.38
108-05-4	Vinyl acetate	56.7		5.0	0.83
75-01-4	Vinyl chloride	21.8		2.0	0.17
1330-20-7	Xylenes, Total	45.0		15	0.65
591-78-6	2-Hexanone	105		50	1.1
156-59-2	cis-1,2-Dichloroethene	21.0		5.0	0.22
106-93-4	1,2-Dibromoethane	21.4		5.0	0.50
97-63-2	Ethyl methacrylate	22.2		5.0	0.26
74-88-4	Iodomethane	21.3		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	23.9		5.0	0.34
126-98-7	Methacrylonitrile	220		5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	4-Bromofluorobenzene	101		76-120
2037-26-5	Toluene-d8 (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130822.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 04-Oct-2020 07:19:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0117814-004
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 05-Oct-2020 08:38:38 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1609

First Level Reviewer: asfawa

Date: 05-Oct-2020 08:37:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.196	0.006	75	10926	20.0	22.0	
2 1,1-Difluoroethane	51	1.275	1.269	0.006	95	82886	20.0	21.5	
3 Chlorotrifluoroethene	116	1.269	1.269	0.000	56	38652	20.0	21.8	
4 Dichlorodifluoromethane	85	1.306	1.293	0.013	83	159354	20.0	23.5	
5 Chlorodifluoromethane	51	1.312	1.312	0.000	99	124602	20.0	21.4	
6 Chloromethane	50	1.440	1.434	0.006	98	113172	20.0	21.1	
8 Butadiene	54	1.507	1.495	0.012	97	93696	20.0	20.3	
7 Vinyl chloride	62	1.513	1.507	0.006	98	118216	20.0	21.8	
9 Bromomethane	94	1.732	1.726	0.006	98	92168	20.0	21.8	
10 Chloroethane	64	1.781	1.775	0.006	100	62855	20.0	19.8	
11 Dichlorofluoromethane	67	1.933	1.927	0.006	98	173813	20.0	21.4	
12 Trichlorofluoromethane	101	1.940	1.940	0.000	83	167235	20.0	22.6	
13 Pentane	72	1.946	1.940	0.006	95	24321	40.0	44.4	
14 Ethanol	46	2.110	2.086	0.024	73	12982	800.0	1017.2	
15 Ethyl ether	74	2.110	2.104	0.006	97	36344	20.0	20.1	
16 2-Methyl-1,3-butadiene	53	2.129	2.122	0.007	97	59847	20.0	20.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.165	2.159	0.006	90	81059	20.0	22.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	94	113645	20.0	22.6	a
19 Acrolein	56	2.257	2.250	0.007	96	18335	40.0	54.6	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.269	2.263	0.006	95	80268	20.0	21.4	
21 1,1-Dichloroethene	96	2.293	2.281	0.012	98	75495	20.0	21.3	
22 Acetone	43	2.360	2.354	0.006	86	94640	100.0	90.1	
23 Iodomethane	142	2.421	2.415	0.006	99	157304	20.0	21.3	
25 Isopropyl alcohol	45	2.439	2.433	0.006	36	37275	200.0	204.0	
24 Carbon disulfide	76	2.452	2.439	0.013	99	290357	20.0	21.5	
26 3-Chloro-1-propene	76	2.549	2.549	0.000	84	42684	20.0	21.6	
27 Methyl acetate	43	2.567	2.561	0.006	71	83669	40.0	39.5	
28 Cyclopentene	67	2.567	2.561	0.006	94	161682	20.0	21.1	
29 Acetonitrile	40	2.616	2.610	0.006	96	51137	200.0	261.3	a
* 31 TBA-d9 (IS)	66	2.659	2.659	0.000	98	49593	1000.0	1000.0	
30 Methylene Chloride	84	2.665	2.659	0.006	86	83585	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
32 2-Methyl-2-propanol	59	2.726	2.720	0.006	97	81636	200.0	220.4	a
33 Methyl tert-butyl ether	73	2.805	2.805	0.000	96	200816	20.0	21.4	
34 trans-1,2-Dichloroethene	96	2.824	2.817	0.007	94	75717	20.0	20.8	
35 Acrylonitrile	53	2.891	2.885	0.007	93	239043	200.0	217.7	
36 Hexane	57	2.958	2.958	0.000	89	84689	20.0	23.9	
37 Isopropyl ether	45	3.153	3.147	0.006	93	196271	20.0	21.6	
38 1,1-Dichloroethane	63	3.177	3.171	0.006	100	127209	20.0	21.3	
39 Vinyl acetate	86	3.189	3.189	0.000	99	27906	40.0	56.7	
40 2-Chloro-1,3-butadiene	88	3.214	3.208	0.006	92	63015	20.0	22.1	
41 Tert-butyl ethyl ether	59	3.439	3.433	0.006	90	203680	20.0	22.7	
* 42 2-Butanone-d5	46	3.610	3.610	0.000	95	299168	250.0	250.0	
43 2,2-Dichloropropane	97	3.616	3.616	0.000	91	27228	20.0	23.5	
44 cis-1,2-Dichloroethene	96	3.640	3.634	0.006	98	81227	20.0	21.0	
45 2-Butanone (MEK)	72	3.665	3.659	0.006	97	36750	100.0	96.0	
46 Ethyl acetate	70	3.671	3.671	0.000	96	13765	40.0	45.0	
47 Methyl acrylate	55	3.714	3.714	0.000	99	53365	20.0	21.7	
48 Propionitrile	54	3.781	3.781	0.000	98	88648	200.0	206.4	
49 Chlorobromomethane	128	3.848	3.842	0.006	77	45380	20.0	21.9	
50 Tetrahydrofuran	72	3.848	3.842	0.006	62	15853	40.0	39.3	
51 Methacrylonitrile	67	3.872	3.872	0.000	91	265201	200.0	220.0	
52 Chloroform	83	3.896	3.897	0.000	98	135934	20.0	21.6	
53 Cyclohexane	84	4.012	4.012	0.000	90	111116	20.0	22.4	
54 1,1,1-Trichloroethane	97	4.024	4.025	-0.001	98	136757	20.0	21.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.006	97	202135	50.0	51.1	
56 Carbon tetrachloride	117	4.134	4.128	0.006	97	119499	20.0	21.3	
57 1,1-Dichloropropene	75	4.159	4.159	0.000	95	94850	20.0	21.8	
58 Isobutyl alcohol	43	4.305	4.305	0.000	95	100480	500.0	535.9	
59 Isooctane	57	4.323	4.323	0.000	98	235515	20.0	22.7	
60 Benzene	78	4.342	4.342	0.000	97	260673	20.0	21.0	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	98	238529	50.0	50.5	
62 Tert-amyl methyl ether	73	4.421	4.415	0.006	79	245897	20.0	23.1	
63 Isopropyl acetate	61	4.421	4.421	0.000	92	34558	20.0	23.3	
64 1,2-Dichloroethane	62	4.433	4.427	0.006	98	109372	20.0	21.4	
65 n-Heptane	100	4.500	4.500	0.000	88	18532	20.0	23.1	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	635746	50.0	50.0	
67 n-Butanol	56	4.927	4.927	0.000	87	37423	500.0	523.0	
68 Trichloroethene	95	4.945	4.945	0.000	96	71303	20.0	20.1	
69 Methylcyclohexane	83	5.061	5.061	0.000	95	123118	20.0	22.1	
70 Ethyl acrylate	99	5.079	5.079	0.000	97	10653	20.0	23.3	
71 1,2-Dichloropropane	63	5.219	5.213	0.006	88	62568	20.0	22.4	
* 72 1,4-Dioxane-d8	96	5.280	5.280	0.000	87	33682	1000.0	1000.0	M
73 Methyl methacrylate	100	5.311	5.311	0.000	86	34155	40.0	43.1	
74 Dibromomethane	93	5.335	5.335	0.000	92	45783	20.0	20.7	
75 1,4-Dioxane	88	5.329	5.335	-0.006	34	17044	400.0	434.7	M
76 n-Propyl acetate	43	5.372	5.372	0.000	98	74021	20.0	21.0	
77 Dichlorobromomethane	83	5.488	5.488	0.000	99	100492	20.0	21.4	
78 2-Nitropropane	41	5.817	5.817	0.000	87	32201	40.0	42.9	
79 2-Chloroethyl vinyl ether	63	5.829	5.823	0.006	86	34767	20.0	21.1	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	126570	400.0	439.3	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	109322	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	96	277727	100.0	108.8	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.195	0.006	100	646780	50.0	51.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.274	6.274	0.000	94	270498	20.0	21.4	
85 trans-1,3-Dichloropropene	75	6.622	6.622	0.000	97	101671	20.0	21.1	
86 Ethyl methacrylate	69	6.670	6.670	0.000	89	70392	20.0	22.2	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	93	47301	20.0	21.1	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	81993	20.0	21.0	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	93	95225	20.0	21.7	
90 2-Hexanone	43	7.109	7.109	0.000	94	166572	100.0	105.2	
91 n-Butyl acetate	43	7.231	7.231	0.000	98	76818	20.0	21.8	
92 Chlorodibromomethane	129	7.243	7.243	0.000	97	72618	20.0	21.5	
93 Ethylene Dibromide	107	7.384	7.384	0.000	99	60529	20.0	21.4	
* 94 Chlorobenzene-d5	117	7.920	7.920	0.000	86	462426	50.0	50.0	
95 Chlorobenzene	112	7.957	7.957	0.000	95	186645	20.0	21.2	
96 Ethylbenzene	106	8.072	8.073	-0.001	98	101705	20.0	23.0	
97 1,1,1,2-Tetrachloroethane	131	8.085	8.079	0.006	93	83112	20.0	21.8	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	121375	20.0	22.8	
99 o-Xylene	106	8.743	8.743	0.000	94	127340	20.0	22.2	
100 n-Butyl acrylate	73	8.767	8.768	-0.001	96	42911	20.0	22.0	
101 Styrene	104	8.780	8.780	0.000	95	195069	20.0	23.5	
102 Bromoform	173	9.036	9.030	0.006	97	52269	20.0	21.2	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	92	93385	20.0	22.4	
104 Isopropylbenzene	105	9.213	9.213	-0.001	96	353133	20.0	23.0	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	227354	50.0	50.4	
106 Bromobenzene	156	9.597	9.597	0.000	92	86945	20.0	21.1	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	97	79128	20.0	22.1	
108 N-Propylbenzene	91	9.706	9.706	0.000	99	386982	20.0	22.8	
109 1,2,3-Trichloropropane	110	9.725	9.731	-0.006	95	25912	20.0	23.0	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	90	20101	20.0	23.9	
111 2-Chlorotoluene	91	9.810	9.810	0.000	97	273151	20.0	23.2	
112 4-Ethyltoluene	105	9.847	9.840	0.007	99	335667	20.0	23.8	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	93	301723	20.0	23.7	
114 4-Chlorotoluene	91	9.944	9.944	0.000	98	263598	20.0	22.6	
115 Butyl Methacrylate	87	10.066	10.066	0.000	92	71479	20.0	19.4	
116 tert-Butylbenzene	119	10.243	10.243	0.000	94	258084	20.0	22.7	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	98	310197	20.0	23.8	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	390563	20.0	22.9	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	96	172921	20.0	21.7	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	344645	20.0	23.5	
* 121 1,4-Dichlorobenzene-d4	152	10.670	10.670	0.000	95	268211	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	175746	20.0	22.0	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	319684	20.0	23.1	
124 Benzyl chloride	91	10.846	10.846	0.000	99	153353	20.0	25.3	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	95	300469	20.0	22.4	
126 p-Diethylbenzene	119	10.987	10.987	0.000	94	183781	20.0	23.3	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	181360	20.0	24.2	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	96	175188	20.0	22.4	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	350222	20.0	22.0	
130 1,2-Dibromo-3-Chloropropane	157	11.743	11.743	-0.001	97	22320	20.0	21.5	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	98	175056	20.0	22.1	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	170979	20.0	21.4	
133 Hexachlorobutadiene	225	12.462	12.468	-0.006	95	87560	20.0	21.7	
134 Naphthalene	128	12.559	12.559	0.000	99	350185	20.0	23.0	
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	162998	20.0	22.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.8	
S 137 Xylenes, Total	100				0		40.0	45.0	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.0	
S 140 Total BTEX	1				0		100.0	110.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GASES Li_00388	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00040	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130822.D

Injection Date: 04-Oct-2020 07:19:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

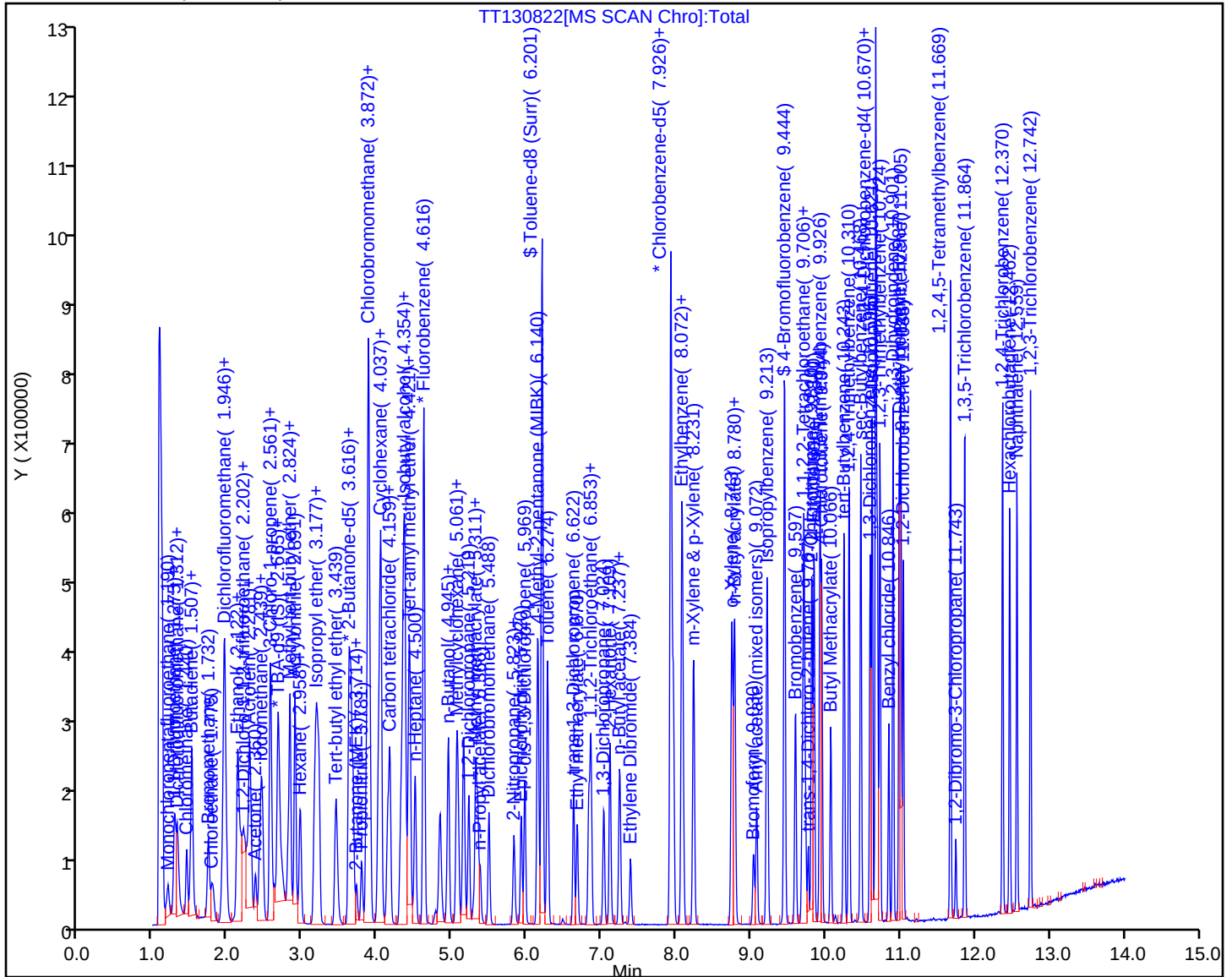
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130822.D

Injection Date: 04-Oct-2020 07:19:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

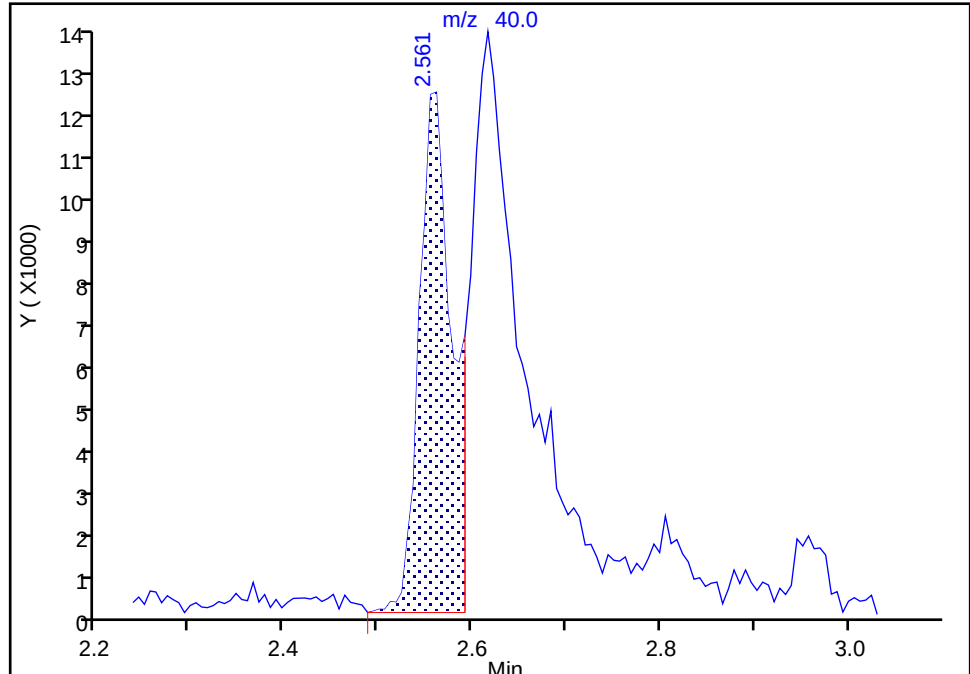
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

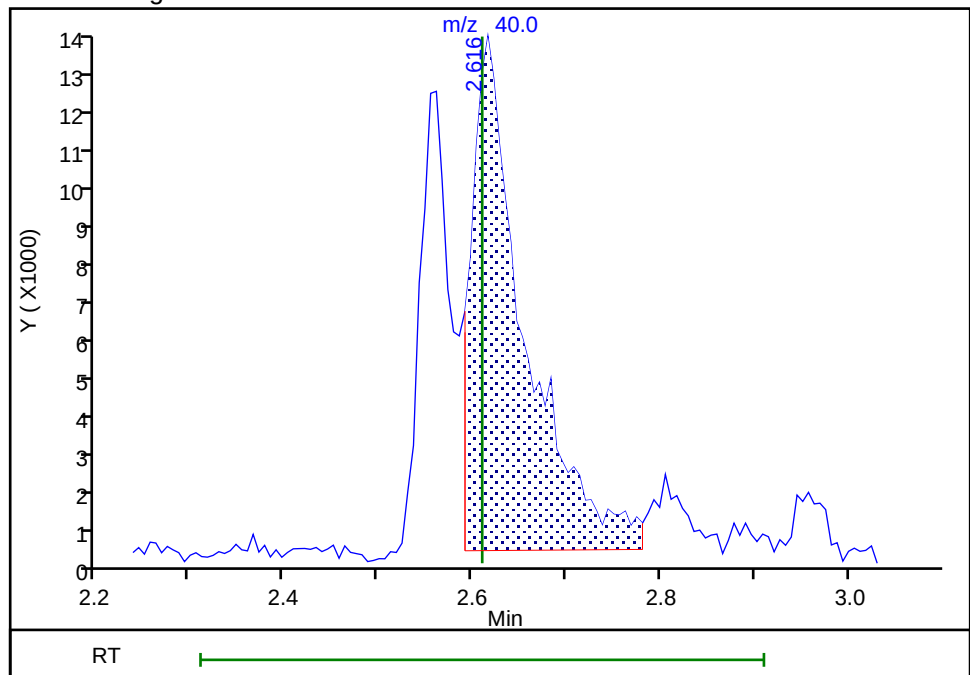
RT: 2.56
Area: 29082
Amount: 148.6320
Amount Units: ug/l

Processing Integration Results



RT: 2.62
Area: 51137
Amount: 261.3418
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:36:28

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201004-117814.b\TT130822.D

Injection Date: 04-Oct-2020 07:19:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

Detector

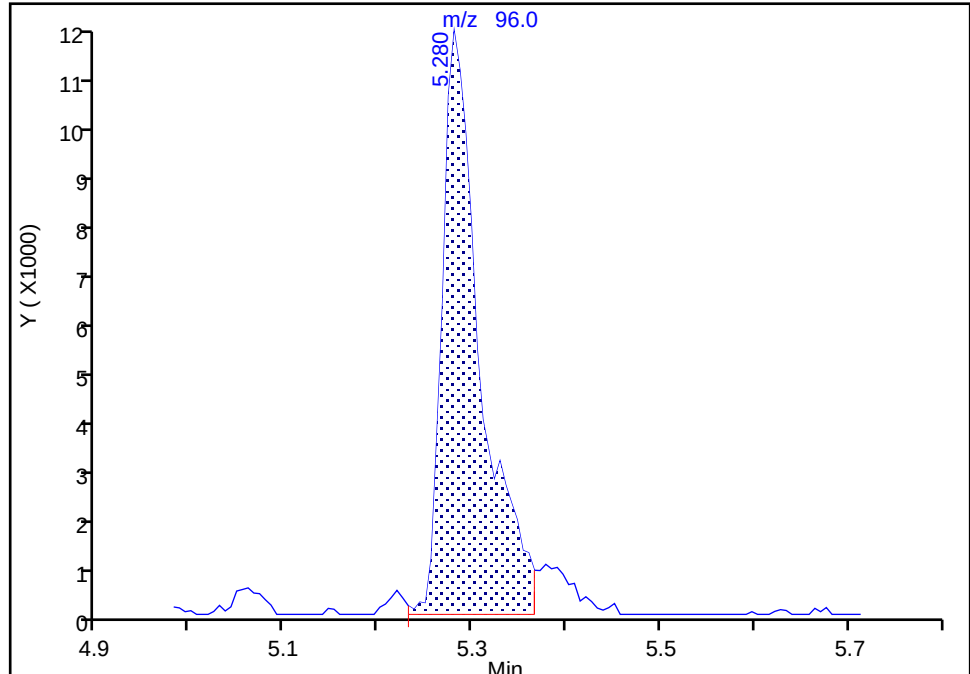
MS Quad

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

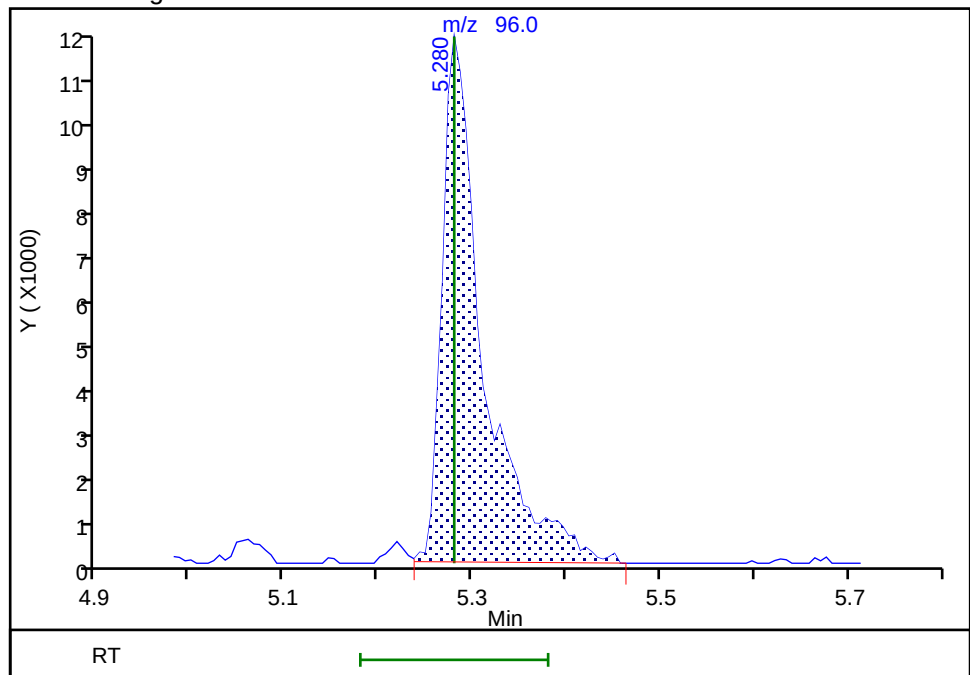
RT: 5.28
Area: 31495
Amount: 1000.0000
Amount Units: ug/l

Processing Integration Results



RT: 5.28
Area: 33682
Amount: 1000.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: asfawa, 05-Oct-2020 08:36:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-729856/4
 Matrix: Water Lab File ID: TT131036.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 19:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	86.1		50	4.4
75-05-8	Acetonitrile	219		10	5.0
71-43-2	Benzene	19.5		1.0	0.20
100-44-7	Benzyl chloride	22.6		10	0.34
75-27-4	Bromodichloromethane	18.7	J	50	0.34
75-25-2	Bromoform	20.3		5.0	0.54
74-83-9	Bromomethane	18.7		5.0	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	97.9		5.0	1.3
75-15-0	Carbon disulfide	18.1	J	60	0.82
56-23-5	Carbon tetrachloride	18.6		5.0	0.21
108-90-7	Chlorobenzene	20.1		5.0	0.38
75-00-3	Chloroethane	16.4		5.0	0.32
110-75-8	2-Chloroethyl vinyl ether	19.6	J	20	0.43
67-66-3	Chloroform	19.7		7.0	0.33
74-87-3	Chloromethane	17.9		5.0	0.40
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.22
124-48-1	Dibromochloromethane	20.1	J	50	0.28
74-95-3	Dibromomethane	19.7		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	20.3		1.0	0.38
95-50-1	1,2-Dichlorobenzene	20.6		3.0	0.21
541-73-1	1,3-Dichlorobenzene	19.6		3.0	0.34
106-46-7	1,4-Dichlorobenzene	19.9		3.0	0.33
75-71-8	Dichlorodifluoromethane	15.6		5.0	0.31
75-34-3	1,1-Dichloroethane	19.5		5.0	0.26
107-06-2	1,2-Dichloroethane	19.8		1.0	0.43
75-35-4	1,1-Dichloroethene	17.7		5.0	0.26
540-59-0	1,2-Dichloroethene, Total	38.5		2.0	0.44
78-87-5	1,2-Dichloropropane	20.1		1.0	0.35
100-41-4	Ethylbenzene	20.3		5.0	0.30
78-93-3	2-Butanone (MEK)	93.9		50	1.9
75-09-2	Methylene Chloride	18.4		5.0	0.32
80-62-6	Methyl methacrylate	41.7	J	50	0.97
179601-23-1	m&p-Xylene	21.1		10	0.30
95-47-6	o-Xylene	20.5		5.0	0.36
100-42-5	Styrene	21.4		5.0	0.42
630-20-6	1,1,1,2-Tetrachloroethane	20.4		5.0	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-729856/4
 Matrix: Water Lab File ID: TT131036.D
 Analysis Method: 8260C Date Collected: _____
 Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2020 19:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.18 (mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 729856 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-34-5	1,1,2,2-Tetrachloroethane	19.4		5.0	0.37
127-18-4	Tetrachloroethene	18.7		5.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.7		5.0	0.24
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.22
71-55-6	1,1,1-Trichloroethane	18.2		5.0	0.24
79-00-5	1,1,2-Trichloroethane	20.1		1.0	0.20
79-01-6	Trichloroethene	17.8		5.0	0.31
96-18-4	1,2,3-Trichloropropane	21.5		1.0	0.66
108-88-3	Toluene	19.4		5.0	0.38
108-05-4	Vinyl acetate	51.1		5.0	0.83
75-01-4	Vinyl chloride	17.4		2.0	0.17
1330-20-7	Xylenes, Total	41.6		15	0.65
591-78-6	2-Hexanone	93.4		50	1.1
156-59-2	cis-1,2-Dichloroethene	19.8		5.0	0.22
106-93-4	1,2-Dibromoethane	20.3		5.0	0.50
97-63-2	Ethyl methacrylate	20.6		5.0	0.26
74-88-4	Iodomethane	19.8		5.0	0.48
110-57-6	trans-1,4-Dichloro-2-butene	19.9		5.0	0.34
126-98-7	Methacrylonitrile	206		5.0	2.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131036.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 07-Oct-2020 19:01:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCSD
 Misc. Info.: 460-0118001-004
 Operator ID: Instrument ID: CVOAMS17
 Method: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\8260W_17.m
 Limit Group: VOA - 8260C Water and Solid
 Last Update: 08-Oct-2020 11:28:04 Calib Date: 03-Oct-2020 14:12:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20201003-117768.b\TT130793.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1640

First Level Reviewer: parekhv

Date: 07-Oct-2020 19:45:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.202	1.196	0.006	67	7300	20.0	16.0	
3 Chlorotrifluoroethene	116	1.281	1.275	0.006	58	27545	20.0	16.9	a
2 1,1-Difluoroethane	51	1.281	1.275	0.006	94	62750	20.0	17.7	
4 Dichlorodifluoromethane	85	1.299	1.299	0.000	98	97495	20.0	15.6	
5 Chlorodifluoromethane	51	1.324	1.311	0.013	100	91198	20.0	17.0	
6 Chloromethane	50	1.446	1.439	0.007	98	88191	20.0	17.9	
8 Butadiene	54	1.513	1.507	0.007	96	68313	20.0	16.1	
7 Vinyl chloride	62	1.519	1.513	0.006	97	86738	20.0	17.4	
9 Bromomethane	94	1.732	1.726	0.006	98	72183	20.0	18.7	
10 Chloroethane	64	1.787	1.775	0.012	99	47701	20.0	16.4	
11 Dichlorofluoromethane	67	1.939	1.933	0.006	98	132354	20.0	17.7	
12 Trichlorofluoromethane	101	1.952	1.945	0.007	81	125094	20.0	18.4	
13 Pentane	72	1.958	1.952	0.006	93	17920	40.0	35.5	
14 Ethanol	46	2.098	2.098	0.000	87	9640	800.0	881.8	
15 Ethyl ether	74	2.116	2.110	0.006	95	33660	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	2.128	2.122	0.006	97	44469	20.0	16.8	
17 1,2-Dichloro-1,1,2-trifluoroethane	117	2.165	2.159	0.006	86	61694	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.208	2.208	0.000	92	90910	20.0	19.7	a
19 Acrolein	56	2.256	2.256	0.000	74	13751	40.0	47.8	
20 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.281	2.269	0.012	69	61176	20.0	17.7	
21 1,1-Dichloroethene	96	2.287	2.287	0.000	98	57813	20.0	17.7	
22 Acetone	43	2.366	2.360	0.006	85	82612	100.0	86.1	
23 Iodomethane	142	2.421	2.415	0.006	98	134748	20.0	19.8	
25 Isopropyl alcohol	45	2.439	2.445	-0.006	36	31806	200.0	202.9	
24 Carbon disulfide	76	2.451	2.451	0.000	99	225082	20.0	18.1	
26 3-Chloro-1-propene	76	2.555	2.549	0.006	87	34409	20.0	18.9	
27 Methyl acetate	43	2.567	2.561	0.006	82	79095	40.0	40.5	
28 Cyclopentene	67	2.573	2.567	0.006	91	120157	20.0	17.0	
29 Acetonitrile	40	2.610	2.610	0.000	96	39081	200.0	218.7	a
* 31 TBA-d9 (IS)	66	2.671	2.659	0.012	99	42532	1000.0	1000.0	
30 Methylene Chloride	84	2.671	2.665	0.006	82	72948	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.732	2.726	0.006	95	68175	200.0	214.6	a
33 Methyl tert-butyl ether	73	2.811	2.811	0.000	96	166600	20.0	19.3	
34 trans-1,2-Dichloroethene	96	2.829	2.823	0.006	94	62901	20.0	18.7	
35 Acrylonitrile	53	2.890	2.890	0.000	95	207476	200.0	205.2	
36 Hexane	57	2.964	2.957	0.007	91	64165	20.0	19.7	
37 Isopropyl ether	45	3.153	3.153	0.000	93	163270	20.0	19.5	
38 1,1-Dichloroethane	63	3.177	3.171	0.006	99	107001	20.0	19.5	
39 Vinyl acetate	86	3.195	3.189	0.006	99	22983	40.0	51.1	
40 2-Chloro-1,3-butadiene	88	3.220	3.213	0.007	92	50777	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.439	3.439	0.000	90	168688	20.0	20.4	
* 42 2-Butanone-d5	46	3.616	3.610	0.006	93	273168	250.0	250.0	
43 2,2-Dichloropropane	97	3.628	3.616	0.012	67	22082	20.0	20.7	
44 cis-1,2-Dichloroethene	96	3.640	3.640	0.000	99	70204	20.0	19.8	
45 2-Butanone (MEK)	72	3.665	3.665	0.000	97	32843	100.0	93.9	
46 Ethyl acetate	70	3.671	3.665	0.006	96	12372	40.0	44.3	
47 Methyl acrylate	55	3.713	3.713	0.000	99	44490	20.0	19.6	
48 Propionitrile	54	3.787	3.780	0.007	98	76903	200.0	208.8	
49 Chlorobromomethane	128	3.848	3.841	0.007	76	38796	20.0	20.3	
50 Tetrahydrofuran	72	3.854	3.848	0.006	58	14951	40.0	40.6	
51 Methacrylonitrile	67	3.878	3.872	0.006	89	228129	200.0	205.5	
52 Chloroform	83	3.896	3.896	0.000	98	113924	20.0	19.7	
53 Cyclohexane	84	4.012	4.006	0.006	89	84684	20.0	18.6	
54 1,1,1-Trichloroethane	97	4.030	4.024	0.006	98	108448	20.0	18.2	
\$ 55 Dibromofluoromethane (Surr)	113	4.043	4.037	0.007	98	181602	50.0	49.8	
56 Carbon tetrachloride	117	4.134	4.134	0.000	97	96064	20.0	18.6	
57 1,1-Dichloropropene	75	4.165	4.158	0.007	94	72755	20.0	18.1	
58 Isobutyl alcohol	43	4.305	4.305	0.000	96	73938	500.0	459.8	
59 Isooctane	57	4.329	4.323	0.006	98	175010	20.0	18.3	a
60 Benzene	78	4.347	4.341	0.006	95	220304	20.0	19.5	
\$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.360	4.360	0.000	97	211629	50.0	48.6	
62 Tert-amyl methyl ether	73	4.421	4.414	0.007	81	205039	20.0	20.9	
63 Isopropyl acetate	61	4.427	4.421	0.006	92	29040	20.0	21.3	
64 1,2-Dichloroethane	62	4.433	4.427	0.006	99	93190	20.0	19.8	
65 n-Heptane	100	4.506	4.500	0.006	86	14776	20.0	20.0	
* 66 Fluorobenzene	96	4.616	4.616	0.000	99	585387	50.0	50.0	
67 n-Butanol	56	4.933	4.933	0.000	84	32712	500.0	533.1	
68 Trichloroethene	95	4.945	4.939	0.006	97	58250	20.0	17.8	
69 Methylcyclohexane	83	5.061	5.055	0.006	93	94848	20.0	18.5	a
71 1,2-Dichloropropane	63	5.219	5.213	0.006	85	51748	20.0	20.1	
* 72 1,4-Dioxane-d8	96	5.286	5.280	0.006	85	31940	1000.0	1000.0	
70 Ethyl acrylate	99	5.079	5.311	-0.232	97	8334	20.0	19.8	
73 Methyl methacrylate	100	5.317	5.311	0.006	84	30385	40.0	41.7	
75 1,4-Dioxane	88	5.341	5.329	0.012	37	13296	400.0	357.6	
74 Dibromomethane	93	5.335	5.335	0.000	94	40060	20.0	19.7	
76 n-Propyl acetate	43	5.372	5.372	0.000	98	60909	20.0	18.8	
77 Dichlorobromomethane	83	5.487	5.487	0.000	99	81069	20.0	18.7	
78 2-Nitropropane	41	5.817	5.817	0.000	89	29287	40.0	42.4	
79 2-Chloroethyl vinyl ether	63	5.829	5.823	0.006	81	29700	20.0	19.6	
80 Epichlorohydrin	57	5.920	5.920	0.000	99	105280	400.0	400.2	
81 cis-1,3-Dichloropropene	75	5.969	5.969	0.000	94	93963	20.0	20.7	
82 4-Methyl-2-pentanone (MIBK)	43	6.140	6.140	0.000	95	228302	100.0	97.9	
\$ 83 Toluene-d8 (Surr)	98	6.201	6.201	0.000	99	587021	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.274	6.274	0.000	95	223665	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.621	6.621	0.000	97	83676	20.0	19.1	
86 Ethyl methacrylate	69	6.670	6.670	0.000	87	59432	20.0	20.6	
87 1,1,2-Trichloroethane	83	6.823	6.823	0.000	94	41011	20.0	20.1	
88 Tetrachloroethene	166	6.853	6.853	0.000	97	66310	20.0	18.7	
89 1,3-Dichloropropane	76	7.030	7.024	0.006	92	82170	20.0	20.6	
90 2-Hexanone	43	7.109	7.109	0.000	96	135069	100.0	93.4	
91 n-Butyl acetate	43	7.237	7.231	0.006	98	62631	20.0	19.5	
92 Chlorodibromomethane	129	7.243	7.243	0.000	97	61877	20.0	20.1	
93 Ethylene Dibromide	107	7.383	7.383	0.000	100	52314	20.0	20.3	
* 94 Chlorobenzene-d5	117	7.926	7.926	0.000	85	421323	50.0	50.0	
95 Chlorobenzene	112	7.956	7.956	0.000	97	161267	20.0	20.1	
96 Ethylbenzene	106	8.072	8.072	0.000	98	81872	20.0	20.3	
97 1,1,1,2-Tetrachloroethane	131	8.078	8.084	-0.006	92	70769	20.0	20.4	
98 m-Xylene & p-Xylene	106	8.231	8.231	0.000	96	102343	20.0	21.1	
99 o-Xylene	106	8.737	8.743	-0.006	95	106769	20.0	20.5	
100 n-Butyl acrylate	73	8.767	8.767	0.000	96	36286	20.0	20.4	
101 Styrene	104	8.779	8.779	0.000	97	161600	20.0	21.4	
102 Bromoform	173	9.036	9.036	0.000	98	45608	20.0	20.3	
103 Amyl acetate (mixed isomers)	43	9.072	9.072	0.000	91	75532	20.0	19.4	
104 Isopropylbenzene	105	9.212	9.212	0.000	96	277175	20.0	19.8	
\$ 105 4-Bromofluorobenzene	174	9.450	9.450	0.000	0	205297	50.0	50.0	
106 Bromobenzene	156	9.596	9.596	0.000	91	76071	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.682	9.682	0.000	96	65010	20.0	19.4	
108 N-Propylbenzene	91	9.706	9.706	0.000	100	298641	20.0	18.8	
109 1,2,3-Trichloropropane	110	9.731	9.724	0.006	95	22561	20.0	21.5	
110 trans-1,4-Dichloro-2-butene	53	9.767	9.761	0.006	89	15591	20.0	19.9	
111 2-Chlorotoluene	91	9.816	9.810	0.006	97	217438	20.0	19.8	
112 4-Ethyltoluene	105	9.846	9.840	0.006	98	263454	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	9.926	9.926	0.000	94	239294	20.0	20.1	
114 4-Chlorotoluene	91	9.950	9.944	0.006	97	213562	20.0	19.6	
115 Butyl Methacrylate	87	10.066	10.066	0.000	92	58373	20.0	17.0	
116 tert-Butylbenzene	119	10.243	10.243	0.000	95	200950	20.0	18.9	
117 1,2,4-Trimethylbenzene	105	10.310	10.310	0.000	97	247823	20.0	20.3	
118 sec-Butylbenzene	105	10.468	10.468	0.000	98	301544	20.0	19.0	
119 1,3-Dichlorobenzene	146	10.596	10.596	0.000	97	146033	20.0	19.6	
120 4-Isopropyltoluene	119	10.621	10.621	0.000	98	279110	20.0	20.4	
* 121 1,4-Dichlorobenzene-d4	152	10.669	10.669	0.000	94	250556	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.694	10.694	0.000	96	148920	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.724	10.724	0.000	99	263541	20.0	20.4	
124 Benzyl chloride	91	10.846	10.846	0.000	99	127635	20.0	22.6	
125 2,3-Dihydroindene	117	10.901	10.901	0.000	96	249044	20.0	19.9	
126 p-Diethylbenzene	119	10.986	10.986	0.000	96	146005	20.0	19.8	
127 n-Butylbenzene	92	11.005	11.005	0.000	98	139771	20.0	20.0	
128 1,2-Dichlorobenzene	146	11.041	11.041	0.000	97	150601	20.0	20.6	
129 1,2,4,5-Tetramethylbenzene	119	11.669	11.669	0.000	98	283428	20.0	19.1	
130 1,2-Dibromo-3-Chloropropane	157	11.742	11.742	0.000	92	19680	20.0	20.3	
131 1,3,5-Trichlorobenzene	180	11.864	11.864	0.000	98	147463	20.0	20.0	
132 1,2,4-Trichlorobenzene	180	12.370	12.370	0.000	94	142031	20.0	19.0	
133 Hexachlorobutadiene	225	12.468	12.468	0.000	96	67993	20.0	18.1	
134 Naphthalene	128	12.565	12.559	0.006	99	284565	20.0	20.0	
135 1,2,3-Trichlorobenzene	180	12.742	12.742	0.000	95	134449	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	
S 137 Xylenes, Total	100				0		40.0	41.6	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.8	
S 140 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GASES Li_00389	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00126	Amount Added: 20.00	Units: uL	
524freon_00028	Amount Added: 20.00	Units: uL	
ACROLEIN W_00113	Amount Added: 4.00	Units: uL	
VOA6IS/SURR_00041	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131036.D

Injection Date: 07-Oct-2020 19:01:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

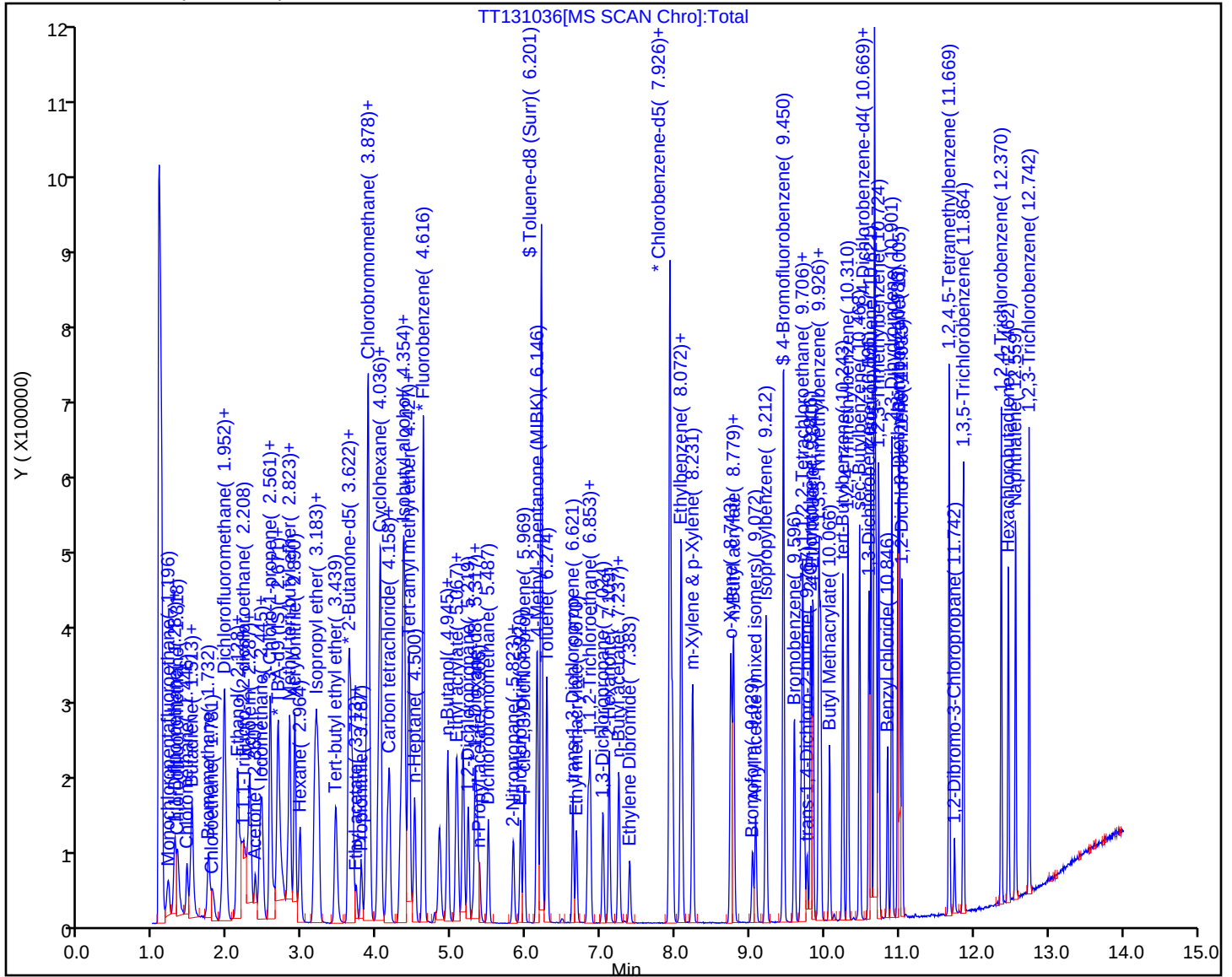
1.0000

Method: 8260W_17

Limit Group:

VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20201007-118001.b\TT131036.D

Injection Date: 07-Oct-2020 19:01:30

Instrument ID: CVOAMS17

Lims ID: LCSD

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_17

Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)

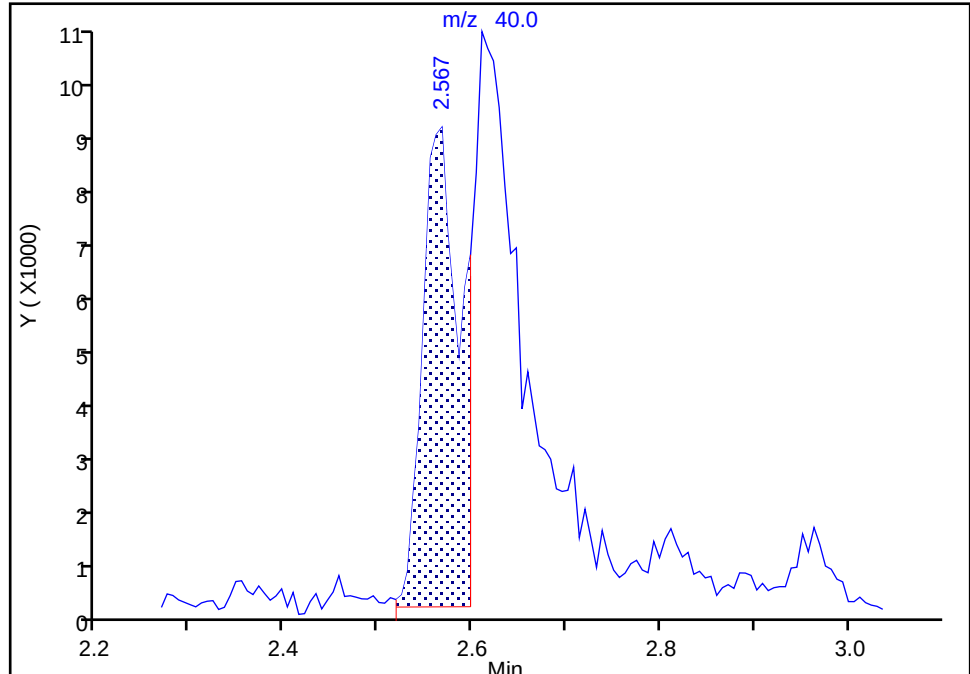
Detector MS Quad

29 Acetonitrile, CAS: 75-05-8

Signal: 1

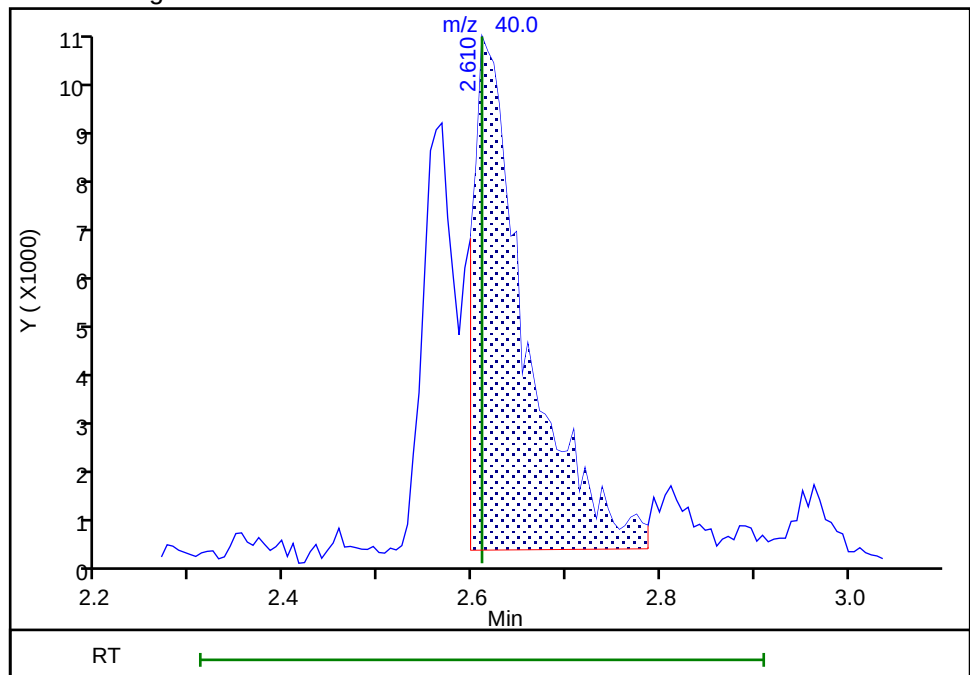
RT: 2.57
Area: 23475
Amount: 131.3957
Amount Units: ug/l

Processing Integration Results



RT: 2.61
Area: 39081
Amount: 218.7409
Amount Units: ug/l

Manual Integration Results



Reviewer: parekhv, 07-Oct-2020 19:45:33

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-219430-1

SDG No.: _____

Instrument ID: CVOAMS17Start Date: 10/03/2020 11:00Analysis Batch Number: 728741End Date: 10/03/2020 21:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-728741/1		10/03/2020 11:00	1	TT130784.D	DB-624 0.18 (mm)
STD8 460-728741/3 IC		10/03/2020 11:44	1	TT130786.D	DB-624 0.18 (mm)
STD05 460-728741/4 IC		10/03/2020 12:05	1	TT130787.D	DB-624 0.18 (mm)
STD1 460-728741/5 IC		10/03/2020 12:26	1	TT130788.D	DB-624 0.18 (mm)
STD5 460-728741/6 IC		10/03/2020 12:47	1	TT130789.D	DB-624 0.18 (mm)
STD20 460-728741/7 ICIS		10/03/2020 13:08	1	TT130790.D	DB-624 0.18 (mm)
STD50 460-728741/8 IC		10/03/2020 13:29	1	TT130791.D	DB-624 0.18 (mm)
STD200 460-728741/9 IC		10/03/2020 13:51	1	TT130792.D	DB-624 0.18 (mm)
STD500 460-728741/10 IC		10/03/2020 14:12	1	TT130793.D	DB-624 0.18 (mm)
ICV 460-728741/13		10/03/2020 15:15	1	TT130796.D	DB-624 0.18 (mm)
ZZZZZ		10/03/2020 15:36	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 15:56	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 16:38	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 16:59	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 17:20	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 17:41	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 18:02	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 18:22	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 18:44	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 19:04	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 19:25	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 19:46	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 20:07	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 20:28	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 20:49	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 21:10	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 21:31	1		DB-624 0.18 (mm)
ZZZZZ		10/03/2020 21:52	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-219430-1

SDG No.: _____

Instrument ID: CVOAMS17Start Date: 10/04/2020 06:13Analysis Batch Number: 728944End Date: 10/04/2020 15:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-728944/1		10/04/2020 06:13	1	TT130819a.D	DB-624 0.18 (mm)
CCVIS 460-728944/2		10/04/2020 06:33	1	TT130820.D	DB-624 0.18 (mm)
LCS 460-728944/3		10/04/2020 06:59	1	TT130821.D	DB-624 0.18 (mm)
LCSD 460-728944/4		10/04/2020 07:19	1	TT130822.D	DB-624 0.18 (mm)
MB 460-728944/7		10/04/2020 08:22	1	TT130825.D	DB-624 0.18 (mm)
ZZZZZ		10/04/2020 08:43	1		DB-624 0.18 (mm)
460-219430-1	GT-1R	10/04/2020 09:03	1	TT130827.D	DB-624 0.18 (mm)
460-219430-2	GT-2R	10/04/2020 09:24	1	TT130828.D	DB-624 0.18 (mm)
460-219430-3	GT-3	10/04/2020 09:45	1	TT130829.D	DB-624 0.18 (mm)
460-219430-4	GT-4	10/04/2020 10:06	1	TT130830.D	DB-624 0.18 (mm)
460-219430-5	GT-5	10/04/2020 10:27	1	TT130831.D	DB-624 0.18 (mm)
460-219430-6	GW-DUP	10/04/2020 10:48	1	TT130832.D	DB-624 0.18 (mm)
ZZZZZ		10/04/2020 11:30	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 11:51	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 12:12	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 12:33	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 13:14	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 13:35	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 13:56	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 14:17	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 14:38	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 14:59	1		DB-624 0.18 (mm)
ZZZZZ		10/04/2020 15:20	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Instrument ID: CVOAMS17 Start Date: 10/07/2020 17:46Analysis Batch Number: 729856 End Date: 10/07/2020 20:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-729856/1		10/07/2020 17:46	1	TT131033.D	DB-624 0.18 (mm)
CCVIS 460-729856/2		10/07/2020 18:08	1	TT131034.D	DB-624 0.18 (mm)
LCS 460-729856/3		10/07/2020 18:28	1	TT131035.D	DB-624 0.18 (mm)
LCSD 460-729856/4		10/07/2020 19:01	1	TT131036.D	DB-624 0.18 (mm)
MB 460-729856/7		10/07/2020 20:04	1	TT131039.D	DB-624 0.18 (mm)
460-219430-7	Trip Blank	10/07/2020 20:26	1	TT131040.D	DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728741 Batch Start Date: 10/03/20 11:00 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00119	524freon 00028	8260 SP 00131	8260MIX1COMB 00126
BFB 460-728741/1		8260C		5 mL	5 mL				
STD8 460-728741/3 IC		8260C		5 mL	5 mL				
STD05 460-728741/4 IC		8260C		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-728741/5 IC		8260C		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-728741/6 IC		8260C		5 mL	5 mL		10 uL		10 uL
STD20 460-728741/7 ICIS		8260C		5 mL	5 mL		20 uL		20 uL
STD50 460-728741/8 IC		8260C		5 mL	5 mL		50 uL		50 uL
STD200 460-728741/9 IC		8260C		5 mL	5 mL				
STD500 460-728741/10 IC		8260C		5 mL	5 mL				
ICV 460-728741/13		8260C		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00024	8FreonsSS 00024	ACROLEIN SP 00117	ACROLEIN W 00113	ACRY/EPIH MIX 00078	Ethanol mix 00044
BFB 460-728741/1		8260C							
STD8 460-728741/3 IC		8260C						20 uL	
STD05 460-728741/4 IC		8260C					2 uL		
STD1 460-728741/5 IC		8260C					4 uL		
STD5 460-728741/6 IC		8260C					4 uL		
STD20 460-728741/7 ICIS		8260C					4 uL		
STD50 460-728741/8 IC		8260C					10 uL		
STD200 460-728741/9 IC		8260C		20 uL			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.

8260C

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728741 Batch Start Date: 10/03/20 11:00 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00024	8FreonsSS 00024	ACROLEIN SP 00117	ACROLEIN W 00113	ACRY/EPIH MIX 00078	Ethanol mix 00044
STD500 460-728741/10 IC		8260C		50 uL			40 uL		50 uL
ICV 460-728741/13		8260C			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GAS C SP 00376	GAS Hi 00372	GASES Li 00388	MIX 2 Hi 00103	MIX I Hi 00130	VMBFBn 00005
BFB 460-728741/1		8260C							1 uL
STD8 460-728741/3 IC		8260C				2.5 uL			
STD05 460-728741/4 IC		8260C				5 uL			
STD1 460-728741/5 IC		8260C				10 uL			
STD5 460-728741/6 IC		8260C				10 uL			
STD20 460-728741/7 ICIS		8260C				20 uL			
STD50 460-728741/8 IC		8260C				50 uL			
STD200 460-728741/9 IC		8260C			20 uL		20 uL	20 uL	
STD500 460-728741/10 IC		8260C			50 uL		50 uL	50 uL	
ICV 460-728741/13		8260C		20 uL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00040					
BFB 460-728741/1		8260C							
STD8 460-728741/3 IC		8260C		5 uL					
STD05 460-728741/4 IC		8260C		5 uL					
STD1 460-728741/5 IC		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.

8260C

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728741 Batch Start Date: 10/03/20 11:00 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00040					
STD5 460-728741/6 IC		8260C		5 uL					
STD20 460-728741/7 ICIS		8260C		5 uL					
STD50 460-728741/8 IC		8260C		5 uL					
STD200 460-728741/9 IC		8260C		5 uL					
STD500 460-728741/10 IC		8260C		5 uL					
ICV 460-728741/13		8260C		5 uL					

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.

8260C

Page 3 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728944 Batch Start Date: 10/04/20 06:13 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00028	8260MIX1COMB 00126	ACROLEIN W 00113
BFB 460-728944/1		8260C		5 mL	5 mL				
CCVIS 460-728944/2		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-728944/3		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-728944/4		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-728944/7		8260C		5 mL	5 mL				
460-219430-C-1	GT-1R	8260C	T	5 mL	5 mL	<2 SU			
460-219430-C-2	GT-2R	8260C	T	5 mL	5 mL	7 SU			
460-219430-C-3	GT-3	8260C	T	5 mL	5 mL	<2 SU			
460-219430-C-4	GT-4	8260C	T	5 mL	5 mL	<2 SU			
460-219430-C-5	GT-5	8260C	T	5 mL	5 mL	<2 SU			
460-219430-C-6	GW-DUP	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00388	VMBFBn 00005	VOA6IS/SURR 00040			
BFB 460-728944/1		8260C			1 uL				
CCVIS 460-728944/2		8260C		20 uL		5 uL			
LCS 460-728944/3		8260C		20 uL		5 uL			
LCSD 460-728944/4		8260C		20 uL		5 uL			
MB 460-728944/7		8260C				5 uL			
460-219430-C-1	GT-1R	8260C	T			5 uL			
460-219430-C-2	GT-2R	8260C	T			5 uL			
460-219430-C-3	GT-3	8260C	T			5 uL			
460-219430-C-4	GT-4	8260C	T			5 uL			
460-219430-C-5	GT-5	8260C	T			5 uL			
460-219430-C-6	GW-DUP	8260C	T			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.

8260C

Page 1 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728944 Batch Start Date: 10/04/20 06:13 Batch Analyst: Desai, SaurabBatch Method: 8260C Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260C

Page 2 of 2

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 729856 Batch Start Date: 10/07/20 17:46 Batch Analyst: Parekh, Vyomesh BBatch Method: 8260C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00028	8260MIX1COMB 00126	ACROLEIN W 00113
BFB 460-729856/1		8260C		5 mL	5 mL				
CCVIS 460-729856/2		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-729856/3		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-729856/4		8260C		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-729856/7		8260C		5 mL	5 mL				
460-219430-A-7	Trip Blank	8260C	T	5 mL	5 mL	<2 SU			

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00389	VMBFBn 00005	VOA6IS/SURR 00041			
BFB 460-729856/1		8260C			1 uL				
CCVIS 460-729856/2		8260C		20 uL		5 uL			
LCS 460-729856/3		8260C		20 uL		5 uL			
LCSD 460-729856/4		8260C		20 uL		5 uL			
MB 460-729856/7		8260C				5 uL			
460-219430-A-7	Trip Blank	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.

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-219430-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-1R	460-219430-1	140
GT-2R	460-219430-2	105
GT-3	460-219430-3	83
GT-4	460-219430-4	85
GT-5	460-219430-5	91
GW-DUP	460-219430-6	91
	MB 460-728041/1-A	98
	LCS 460-728041/2-A	89
	LCSD 460-728041/3-A	97

OTPH = o-Terphenyl

QC LIMITS
38-149

Column to be used to flag recovery values

FORM II 8015D

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F031903.D
Lab ID: LCS 460-728041/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	10000	10400	104	50-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F031904.D
Lab ID: LCSD 460-728041/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	10000	10900	109	5	30	50-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab File ID: 3F031902.D Lab Sample ID: MB 460-728041/1-A
Matrix: Water Date Extracted: 09/30/2020 20:55
Instrument ID: CBNAGC3 Date Analyzed: 10/03/2020 14:29
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-728041/2-A	3F031903.D	10/03/2020 14:41
	LCSD 460-728041/3-A	3F031904.D	10/03/2020 14:52
GT-1R	460-219430-1	3F031921.D	10/03/2020 18:09
GT-2R	460-219430-2	3F031922.D	10/03/2020 18:21
GT-3	460-219430-3	3F031923.D	10/03/2020 18:32
GT-4	460-219430-4	3F031934.D	10/04/2020 11:28
GT-5	460-219430-5	3F031935.D	10/04/2020 11:39
GW-DUP	460-219430-6	3F031936.D	10/04/2020 11:51

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GT-1R Lab Sample ID: 460-219430-1
 Matrix: Water Lab File ID: 3F031921.D
 Analysis Method: 8015D Date Collected: 09/25/2020 22:30
 Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 18:09
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	140		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031921.D
 Lims ID: 460-219430-D-1-A
 Client ID: GT-1R
 Sample Type: Client
 Inject. Date: 03-Oct-2020 18:09:26 ALS Bottle#: 20 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117786-022
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:01:17 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 11:58:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl					M
3.964	3.957	0.007	1634687	56.0	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031921.D

Injection Date: 03-Oct-2020 18:09:26

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-1-A

Lab Sample ID: 460-219430-1

Client ID: GT-1R

Operator ID: 615

ALS Bottle#: 20

Worklist Smp#: 22

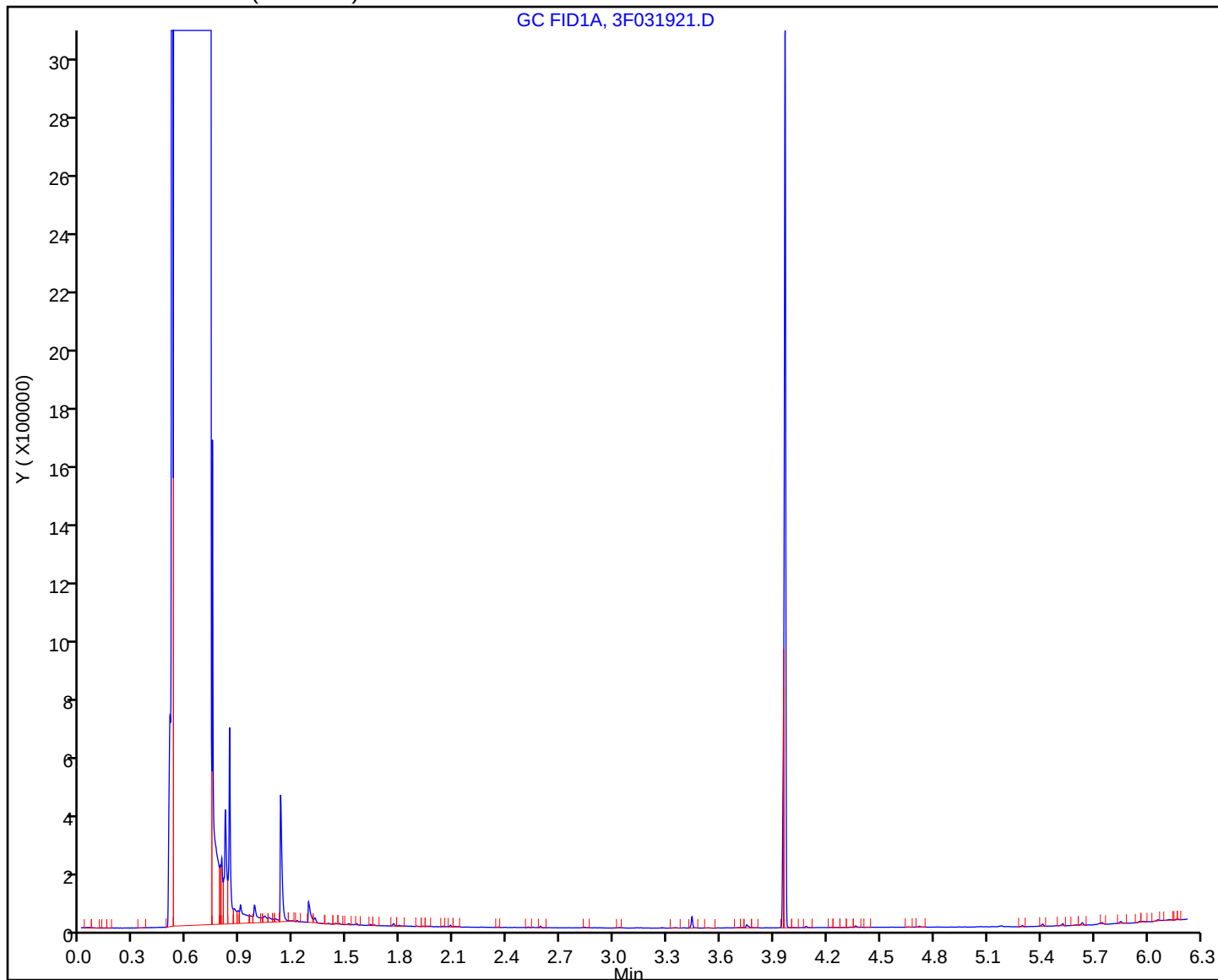
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

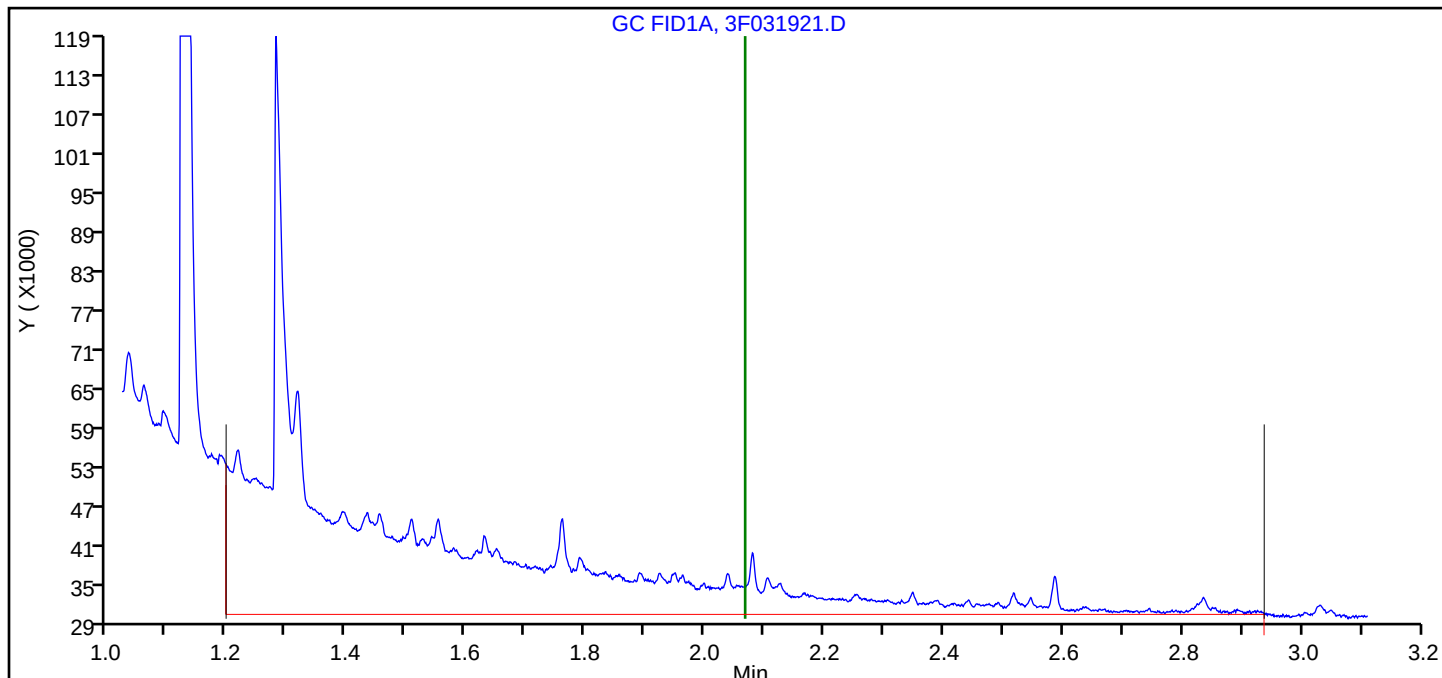


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031921.D
Injection Date: 03-Oct-2020 18:09:26 Instrument ID: CBNAGC3
Lims ID: 460-219430-D-1-A Lab Sample ID: 460-219430-1
Client ID: GT-1R
Operator ID: 615 ALS Bottle#: 20 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: MS3F Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm) Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.07	2.07	710374	18.014080

Reviewer: hamzik, 04-Oct-2020 11:58:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

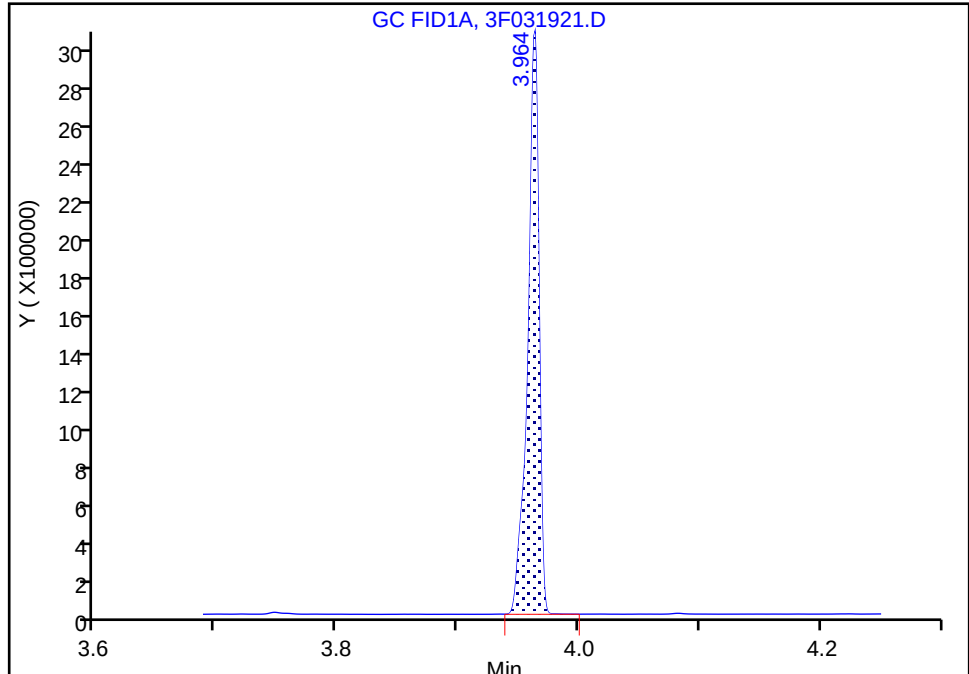
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Injection Date:	03-Oct-2020 18:09:26	Instrument ID:	CBNAGC3		
Lims ID:	460-219430-D-1-A	Lab Sample ID:	460-219430-1		
Client ID:	GT-1R				
Operator ID:	615	ALS Bottle#:	20	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	MS3F	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

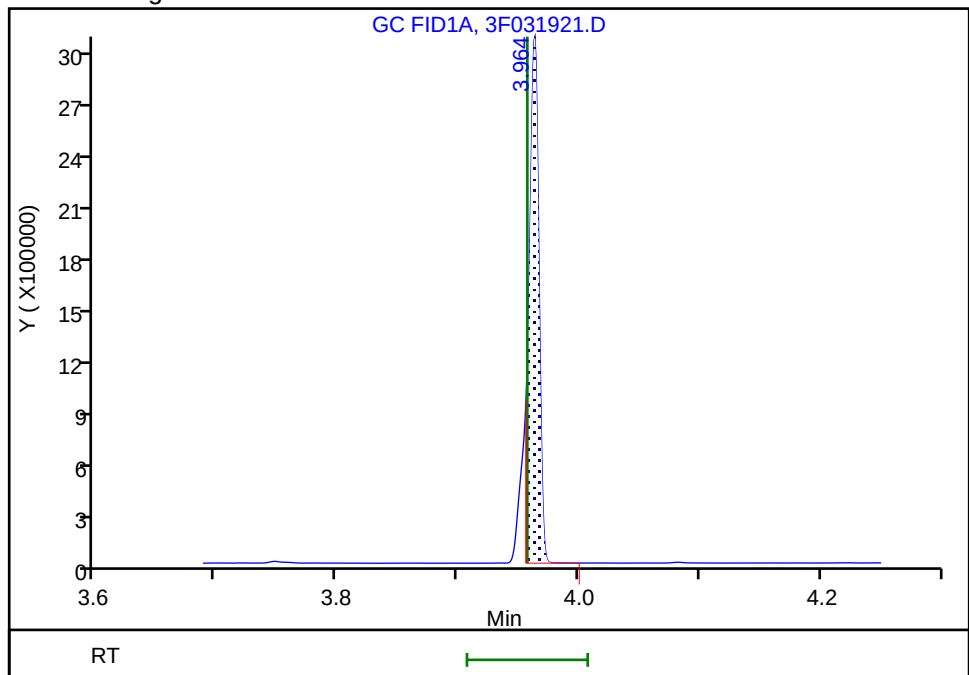
RT: 3.96
Area: 1914792
Amount: 65.577528
Amount Units: ug/ml

Processing Integration Results



RT: 3.96
Area: 1634687
Amount: 55.984531
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 04-Oct-2020 11:58:55

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
 SDG No.: _____
 Client Sample ID: GT-2R Lab Sample ID: 460-219430-2
 Matrix: Water Lab File ID: 3F031922.D
 Analysis Method: 8015D Date Collected: 09/25/2020 18:30
 Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
 Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 18:21
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	54		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	105		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031922.D
Lims ID: 460-219430-D-2-A
Client ID: GT-2R
Sample Type: Client
Inject. Date: 03-Oct-2020 18:21:01 ALS Bottle#: 21 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-023
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:17 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.067 (1.197-2.937) 2146467 54.4

\$ 2 o-Terphenyl

3.968 3.957 0.011 1227340 42.0

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031922.D

Injection Date: 03-Oct-2020 18:21:01

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-2-A

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID: 615

ALS Bottle#: 21

Worklist Smp#: 23

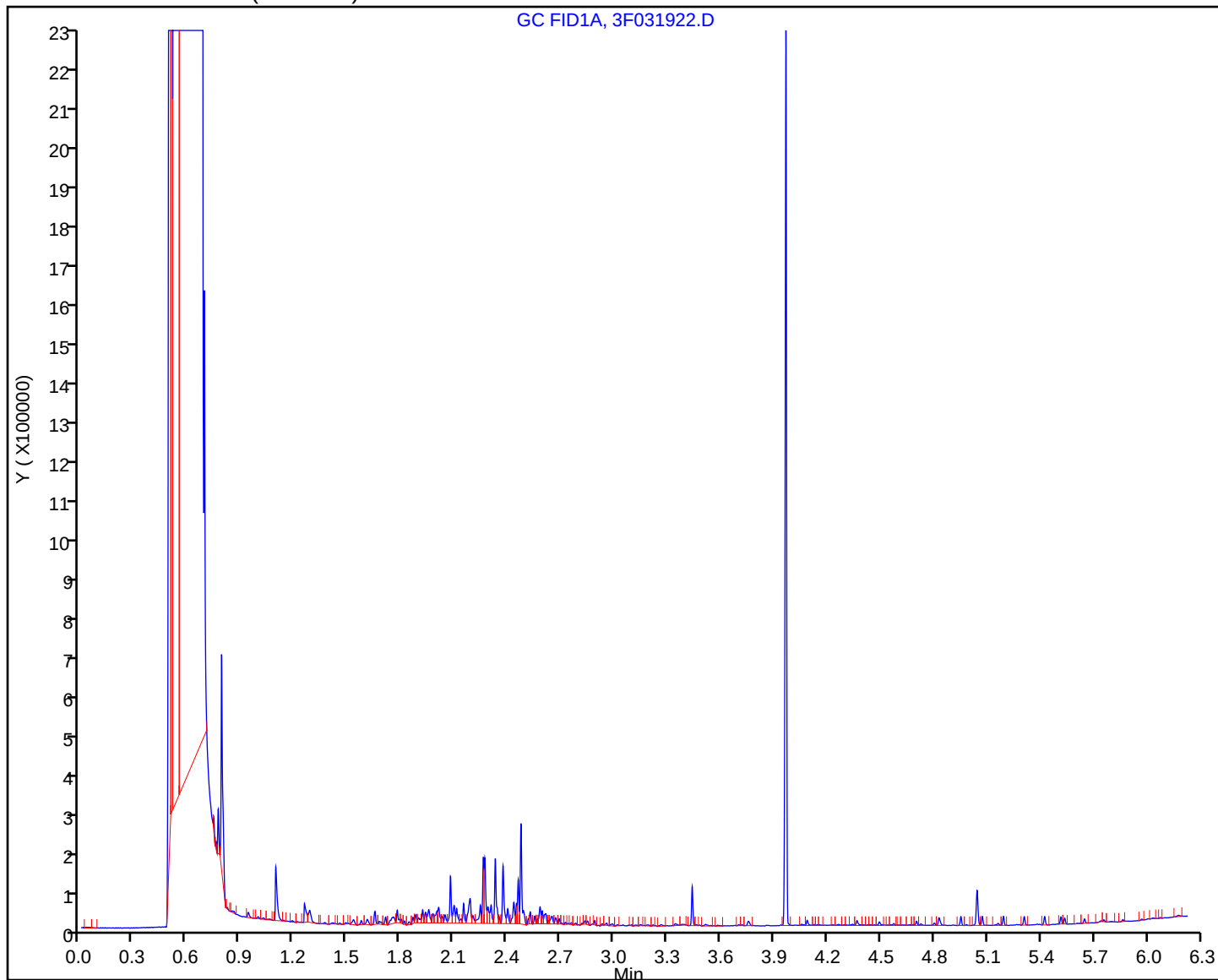
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: GT-3 Lab Sample ID: 460-219430-3
Matrix: Water Lab File ID: 3F031923.D
Analysis Method: 8015D Date Collected: 09/25/2020 19:30
Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 18:32
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	83		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031923.D
Lims ID: 460-219430-D-3-A
Client ID: GT-3
Sample Type: Client
Inject. Date: 03-Oct-2020 18:32:46 ALS Bottle#: 22 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-024
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:17 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 11:59:30

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.968 3.957 0.011 975111 33.4

QC Flag Legend

Processing Flags

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031923.D

Injection Date: 03-Oct-2020 18:32:46

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-3-A

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 22

Worklist Smp#: 24

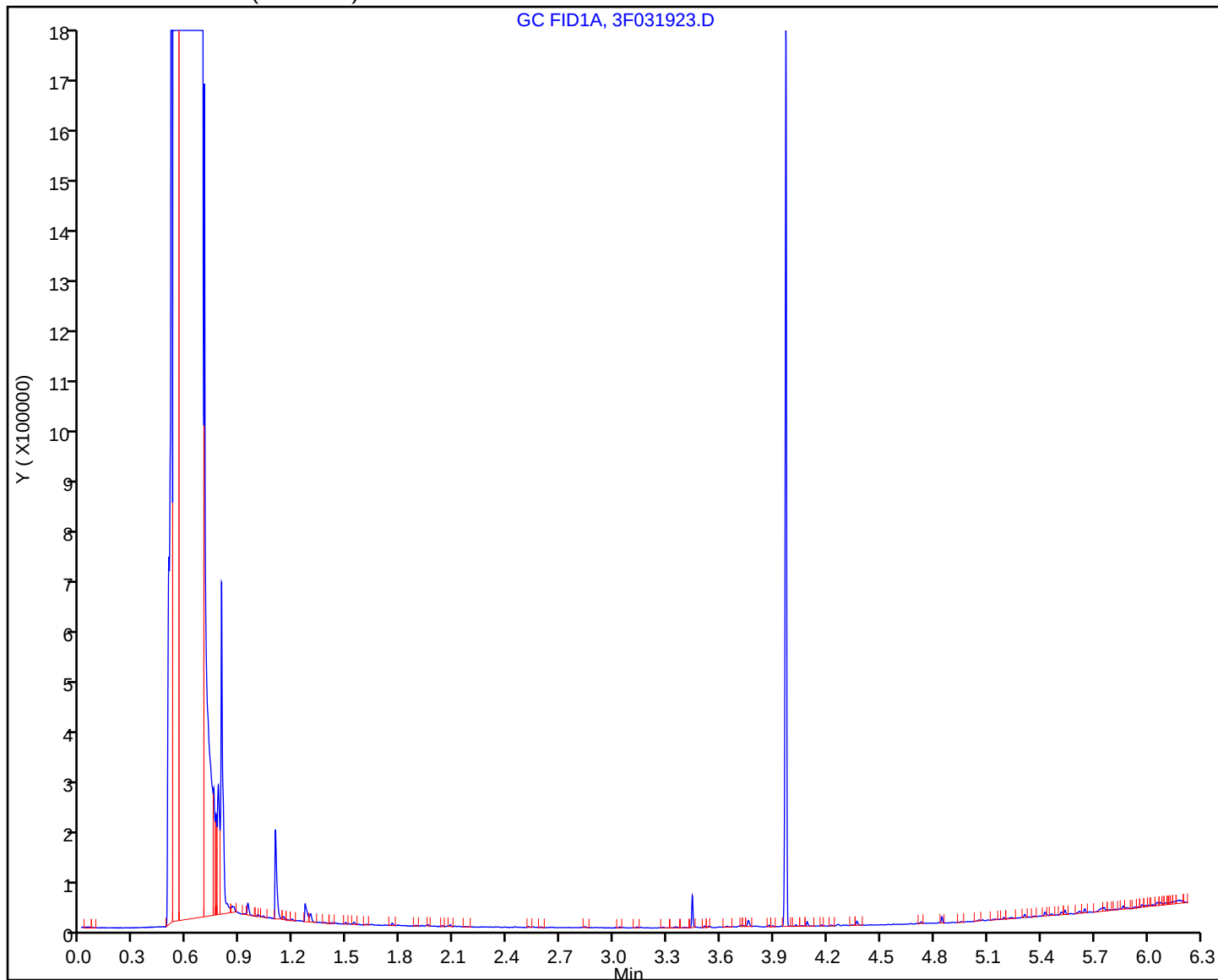
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031923.D

Injection Date: 03-Oct-2020 18:32:46

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-3-A

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 22 Worklist Smp#: 24

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

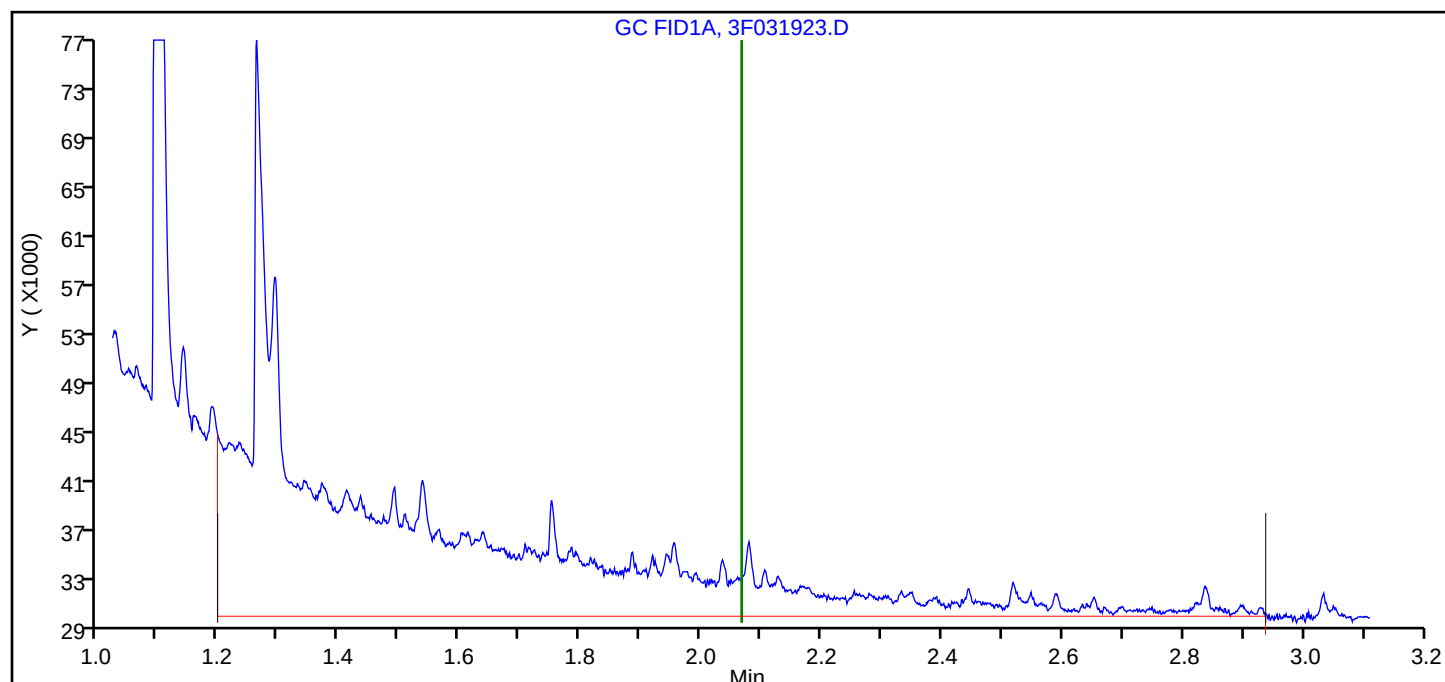
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.07	2.07	468369	11.877175

Reviewer: hamzik, 04-Oct-2020 11:59:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: GT-4 Lab Sample ID: 460-219430-4
Matrix: Water Lab File ID: 3F031934.D
Analysis Method: 8015D Date Collected: 09/25/2020 20:30
Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2020 11:28
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	85		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031934.D
Lims ID: 460-219430-D-4-A
Client ID: GT-4
Sample Type: Client
Inject. Date: 04-Oct-2020 11:28:35 ALS Bottle#: 23 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117816-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:05:42 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 12:05:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.971 3.971 0.000 991581 34.0

QC Flag Legend

Processing Flags

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031934.D

Injection Date: 04-Oct-2020 11:28:35

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-4-A

Lab Sample ID: 460-219430-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 23

Worklist Smp#: 3

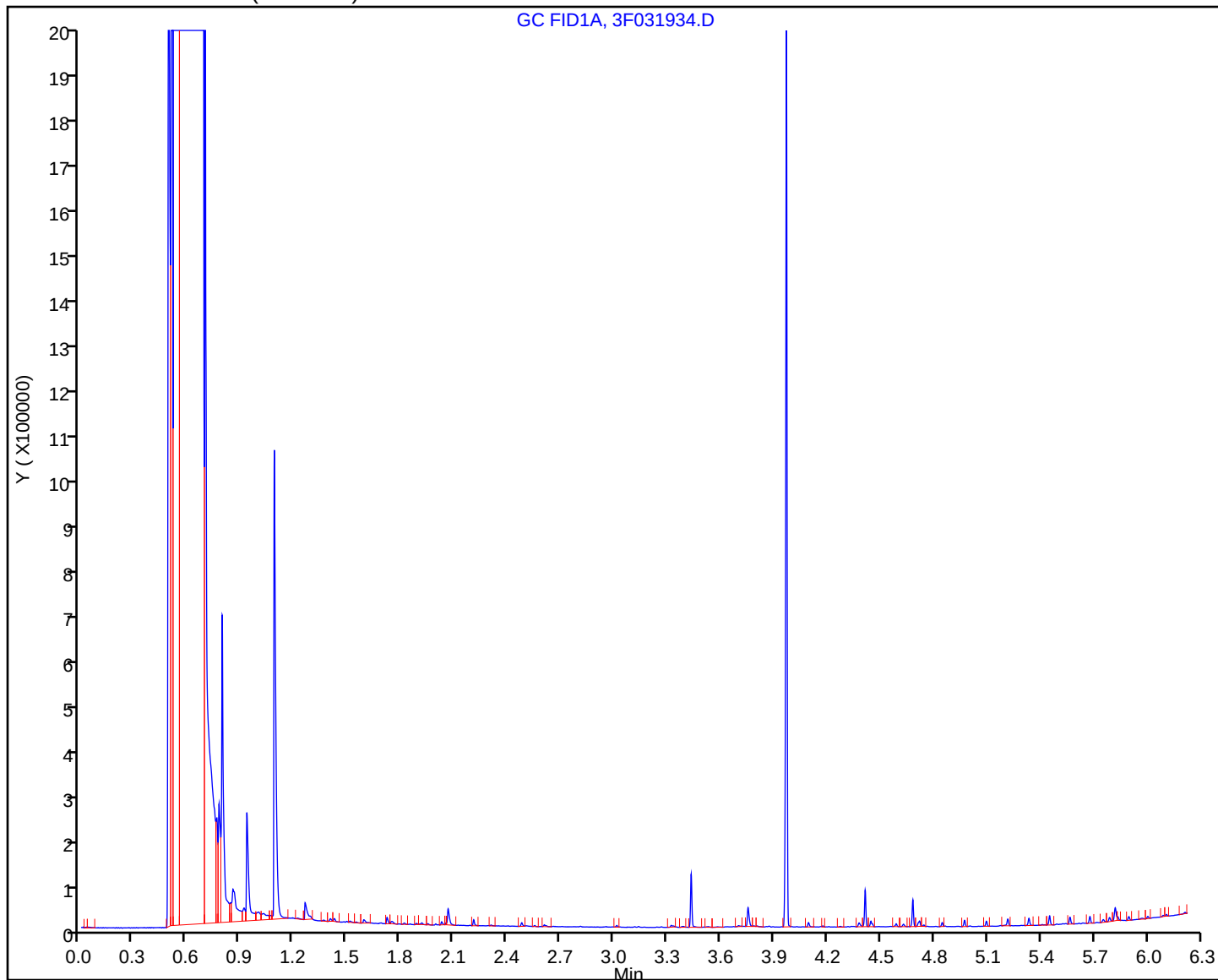
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031934.D

Injection Date: 04-Oct-2020 11:28:35

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-4-A

Lab Sample ID: 460-219430-4

Client ID: GT-4

Operator ID: 615

ALS Bottle#: 23 Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

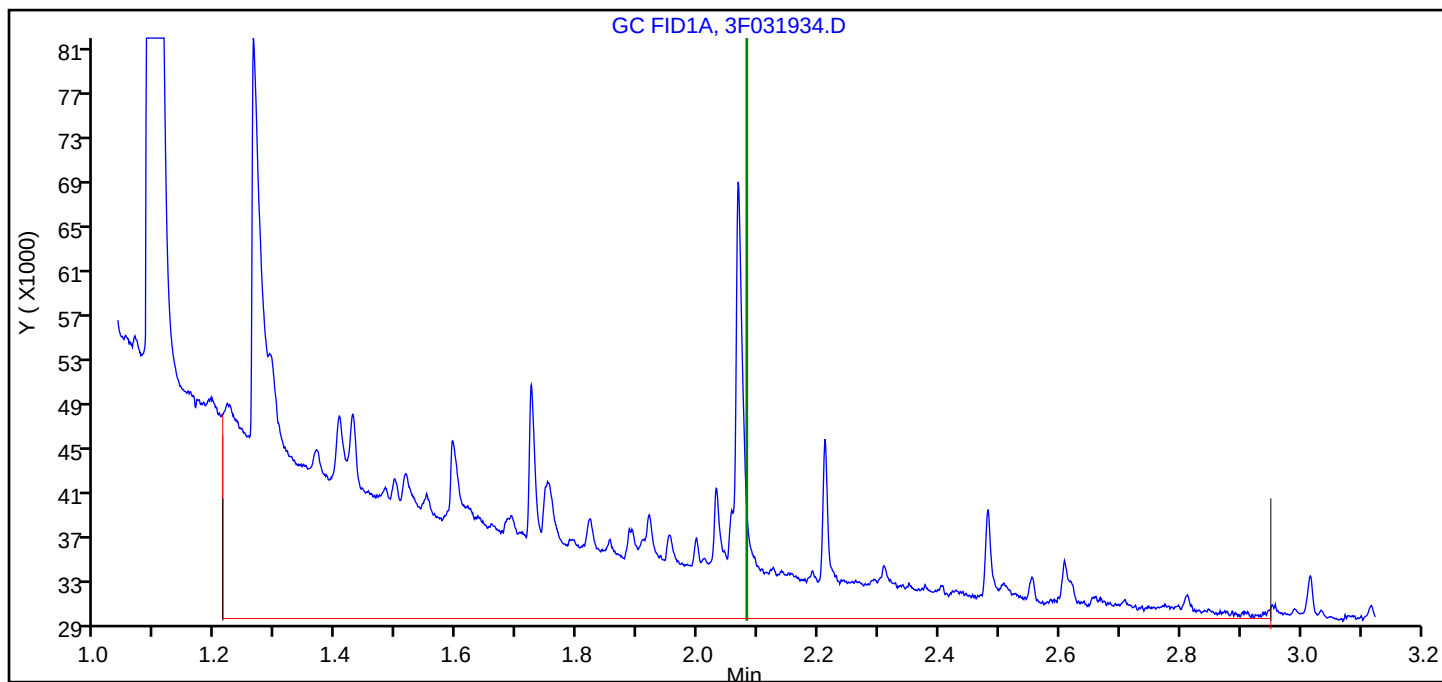
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	718863	18.229349

Reviewer: hamzik, 04-Oct-2020 12:05:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: GT-5 Lab Sample ID: 460-219430-5
Matrix: Water Lab File ID: 3F031935.D
Analysis Method: 8015D Date Collected: 09/25/2020 21:30
Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2020 11:39
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031935.D
Lims ID: 460-219430-E-5-A
Client ID: GT-5
Sample Type: Client
Inject. Date: 04-Oct-2020 11:39:53 ALS Bottle#: 24 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117816-004
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:05:42 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 12:05:29

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.968 3.971 -0.003 1066738 36.5

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031935.D

Injection Date: 04-Oct-2020 11:39:53

Instrument ID: CBNAGC3

Lims ID: 460-219430-E-5-A

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 24

Worklist Smp#: 4

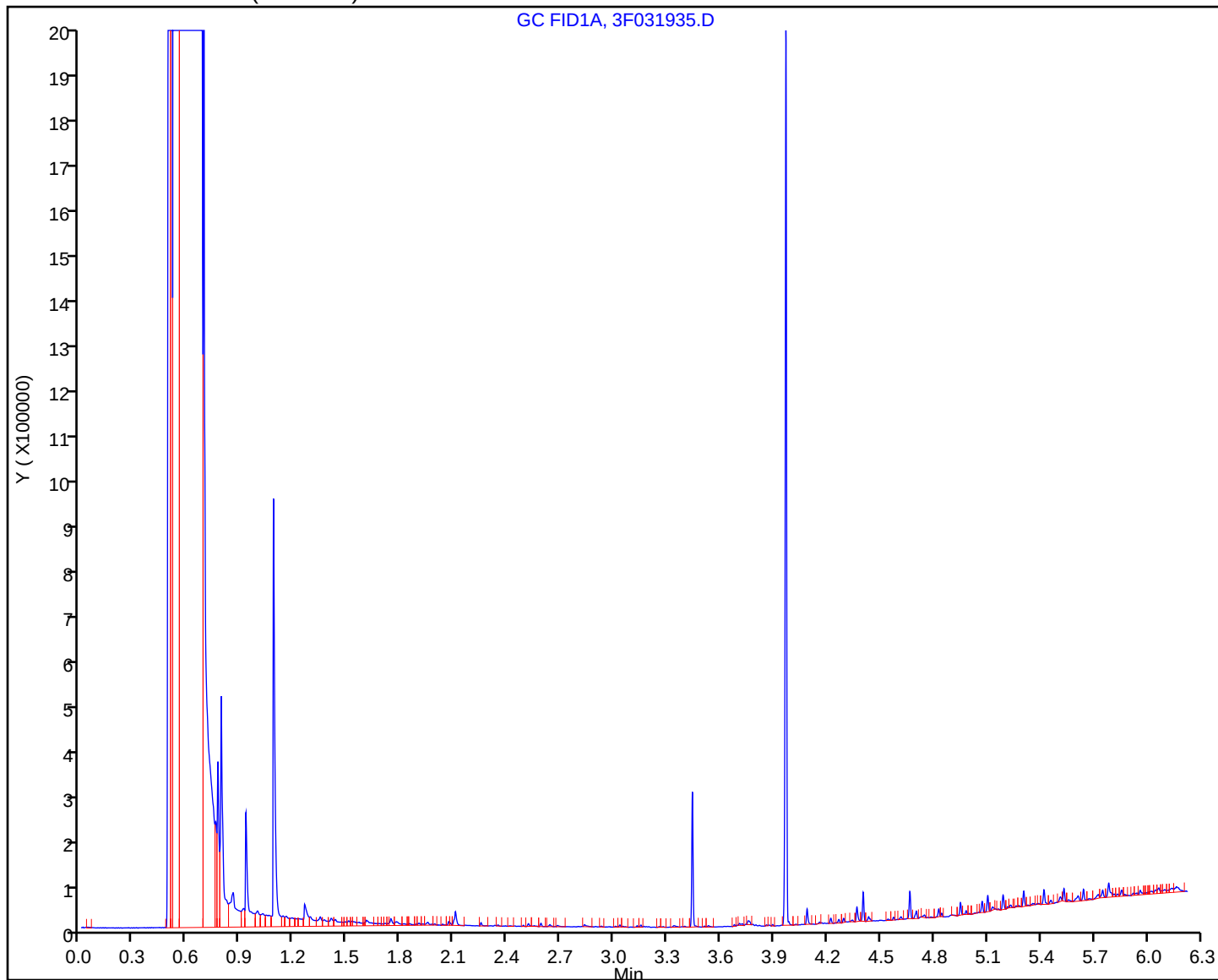
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031935.D

Injection Date: 04-Oct-2020 11:39:53

Instrument ID: CBNAGC3

Lims ID: 460-219430-E-5-A

Lab Sample ID: 460-219430-5

Client ID: GT-5

Operator ID: 615

ALS Bottle#: 24 Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

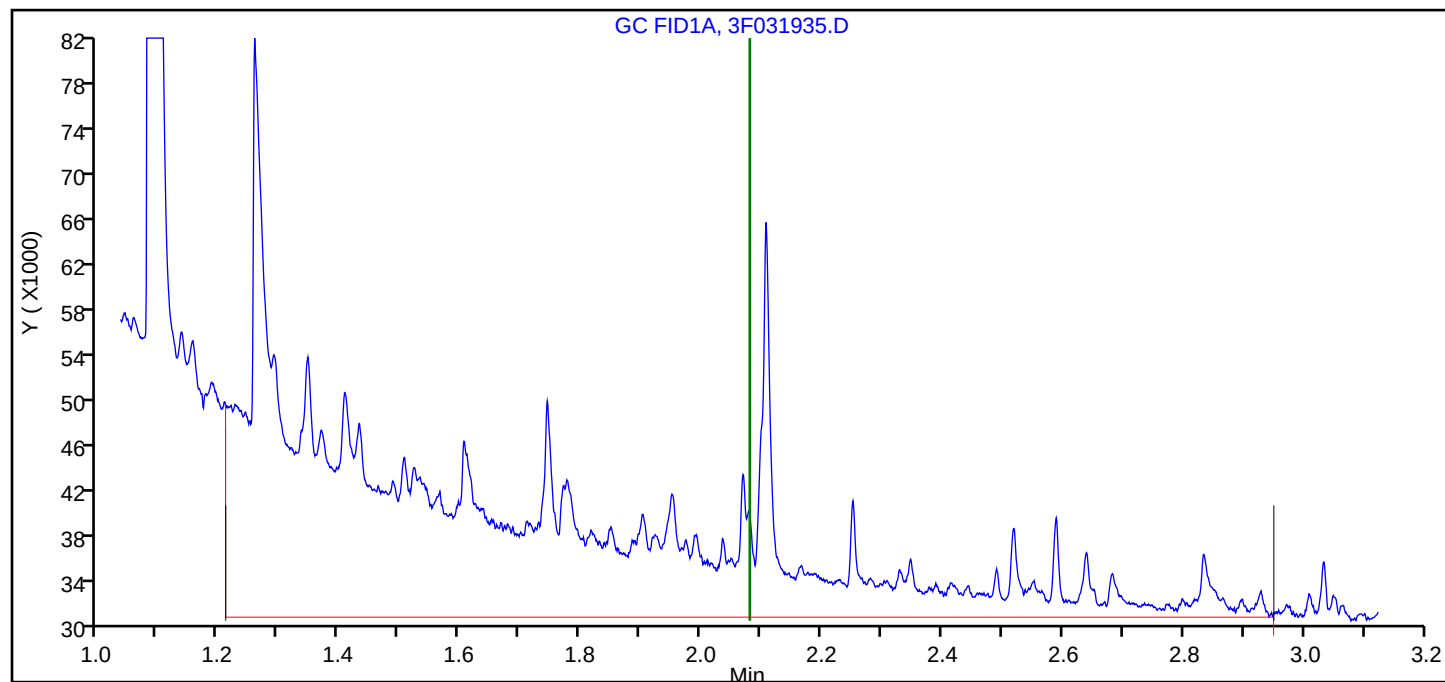
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	741133	18.794085

Reviewer: hamzik, 04-Oct-2020 12:05:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: GW-DUP Lab Sample ID: 460-219430-6
Matrix: Water Lab File ID: 3F031936.D
Analysis Method: 8015D Date Collected: 09/25/2020 12:00
Extraction Method: 3510C Date Extracted: 10/01/2020 09:50
Sample wt/vol: 1000 (mL) Date Analyzed: 10/04/2020 11:51
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	78		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	91		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031936.D
Lims ID: 460-219430-D-6-A
Client ID: GW-DUP
Sample Type: Client
Inject. Date: 04-Oct-2020 11:51:21 ALS Bottle#: 25 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117816-005
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:05:42 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.081 (1.211-2.951) 3088593 78.3

\$ 2 o-Terphenyl

3.971 3.971 0.000 1064577 36.5

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031936.D

Injection Date: 04-Oct-2020 11:51:21

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-6-A

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 25

Worklist Smp#: 5

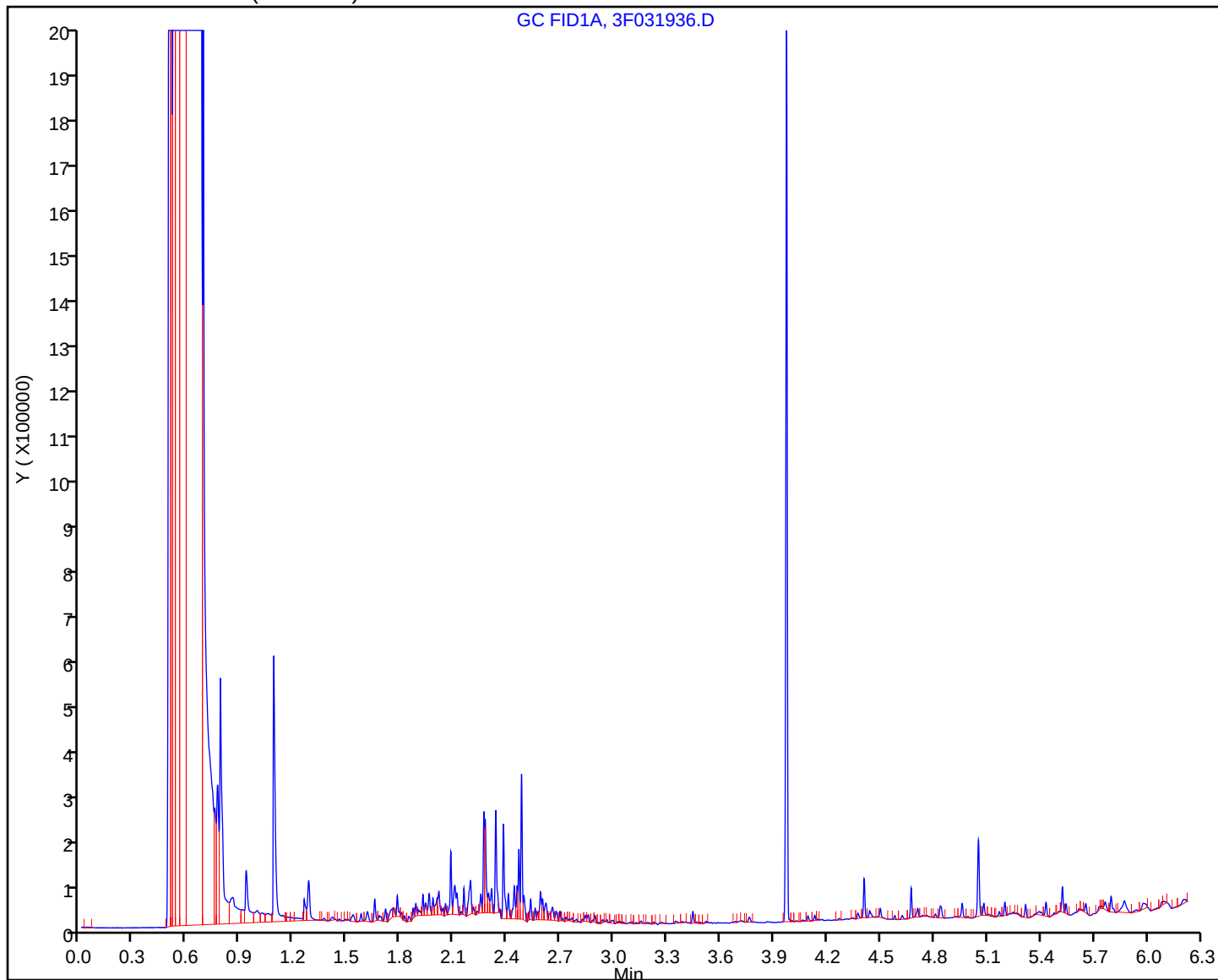
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 724419

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2020 13:21 Calibration End Date: 09/16/2020 14:05 Calibration ID: 81895

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-724419/2	3F031496.D
Level 2	STD2 460-724419/3	3F031497.D
Level 3	STD3 460-724419/4	3F031498.D
Level 4	STD4 460-724419/5	3F031499.D
Level 5	STD5 460-724419/6	3F031500.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Mineral Spirits	2.121	2.121	2.121	2.121	2.121						1.251 - 2.991	2.121
o-Terphenyl	4.012	4.009	4.011	4.013	4.015						3.961 - 4.061	4.012

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 724419

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2020 13:21 Calibration End Date: 09/16/2020 14:05 Calibration ID: 81895

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-724419/2	3F031496.D
Level 2	STD2 460-724419/3	3F031497.D
Level 3	STD3 460-724419/4	3F031498.D
Level 4	STD4 460-724419/5	3F031499.D
Level 5	STD5 460-724419/6	3F031500.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Mineral Spirits	44543 33758	40937	40958	36976	Ave		39434.3760				10.5		20.0			
o-Terphenyl	30069 28386	26287	30913	30340	Ave		29198.9050				6.4		20.0			

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

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1 Analy Batch No.: 724419

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/16/2020 13:21 Calibration End Date: 09/16/2020 14:05 Calibration ID: 81895

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-724419/2	3F031496.D
Level 2	STD2 460-724419/3	3F031497.D
Level 3	STD3 460-724419/4	3F031498.D
Level 4	STD4 460-724419/5	3F031499.D
Level 5	STD5 460-724419/6	3F031500.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Mineral Spirits	Ave	2227136	20468436	40958063	92441190	168788746	50.0	500	1000	2500	5000
o-Terphenyl	Ave	60138	525743	1236513	3033993	5677124	2.00	20.0	40.0	100	200

Curve Type Legend:

Ave = Average

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031496.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 16-Sep-2020 13:21:14 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0116848-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 16-Sep-2020 14:27:56 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1019

First Level Reviewer: hamzik

Date: 16-Sep-2020 14:15:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 2.121 (1.251-2.991) 2227136 50.0 56.5 M
 \$ 2 o-Terphenyl
 4.012 4.011 0.001 60138 2.00 2.06

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG105MinL1_00018

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031496.D

Injection Date: 16-Sep-2020 13:21:14

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

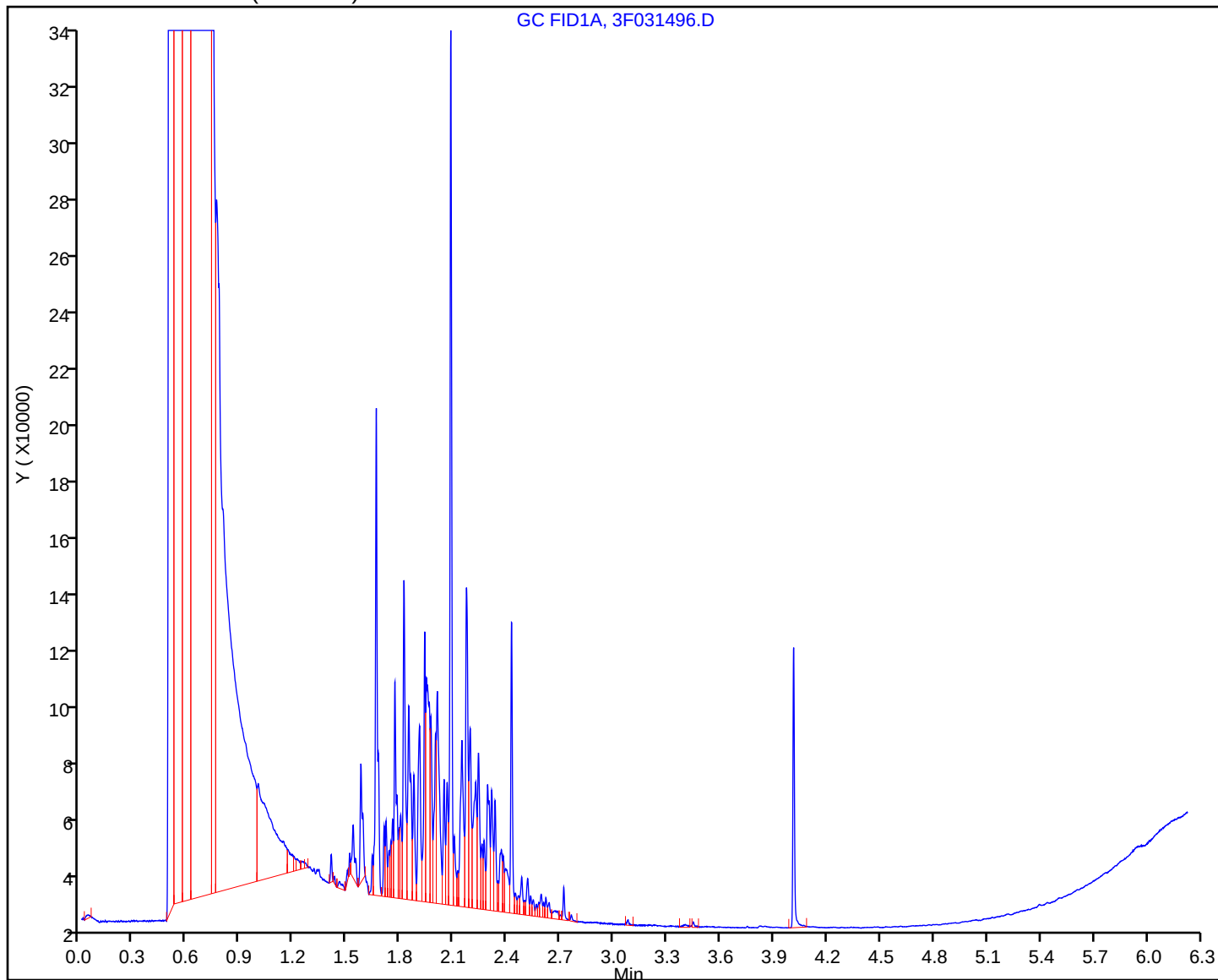
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031496.D

Injection Date: 16-Sep-2020 13:21:14

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

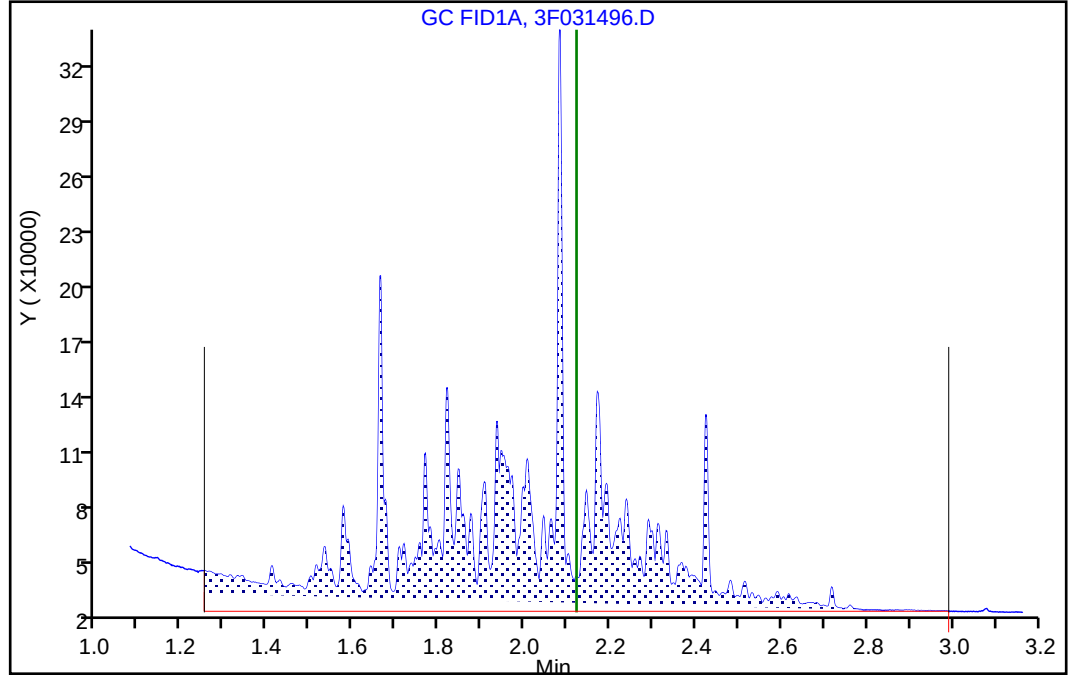
Detector: GC FID1A

A 1 Mineral Spirits, RT: 2.121, CAS: 64475-85-0

Signal: 1

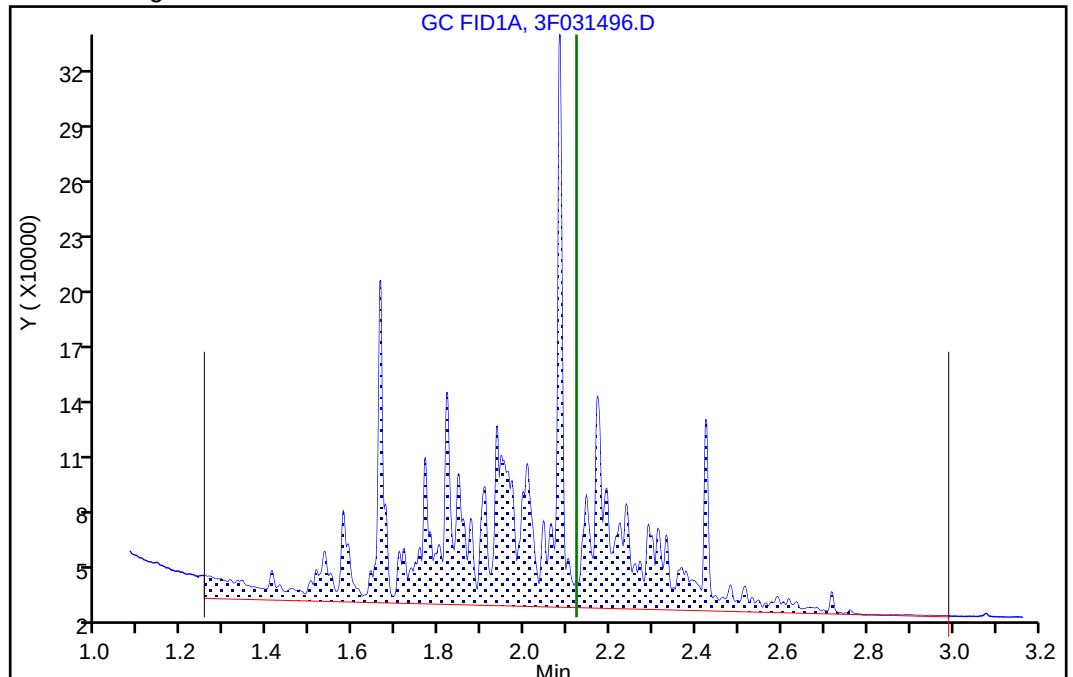
RT: 2.12
Response: 2697719
Amount: 65.293658

Processing Integration Results



RT: 2.12
Response: 2227136
Amount: 56.477019

Manual Integration Results



Reviewer: hamzik, 16-Sep-2020 14:15:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031497.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 16-Sep-2020 13:32:17 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0116848-003
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 16-Sep-2020 14:27:57 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1019

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.121 (1.251-2.991) 20468436 500.0 519.1

\$ 2 o-Terphenyl
 4.009 4.011 -0.002 525743 20.0 18.0

Reagents:

SG105MinL2_00014 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031497.D

Injection Date: 16-Sep-2020 13:32:17

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 3

Worklist Smp#: 3

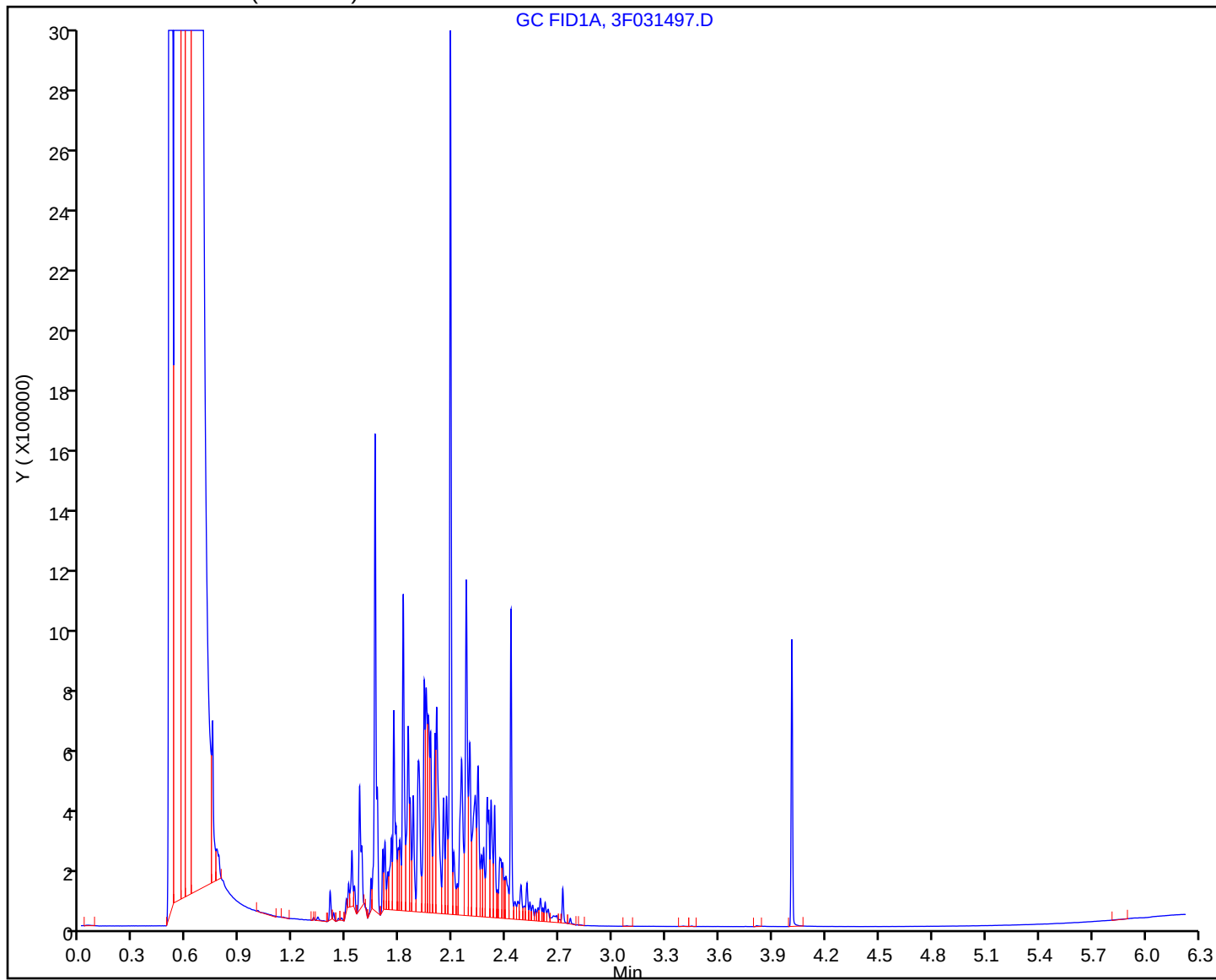
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031498.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 16-Sep-2020 13:43:26 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0116848-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 16-Sep-2020 14:27:57 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1019

First Level Reviewer: hamzik

Date: 16-Sep-2020 14:09:05

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.121	(1.251-2.991)		40958063	1000.0	1038.6

\$ 2 o-Terphenyl

4.011	4.011	0.000	1236513	40.0	42.3

Reagents:

SG105MinL3_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031498.D

Injection Date: 16-Sep-2020 13:43:26

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 4

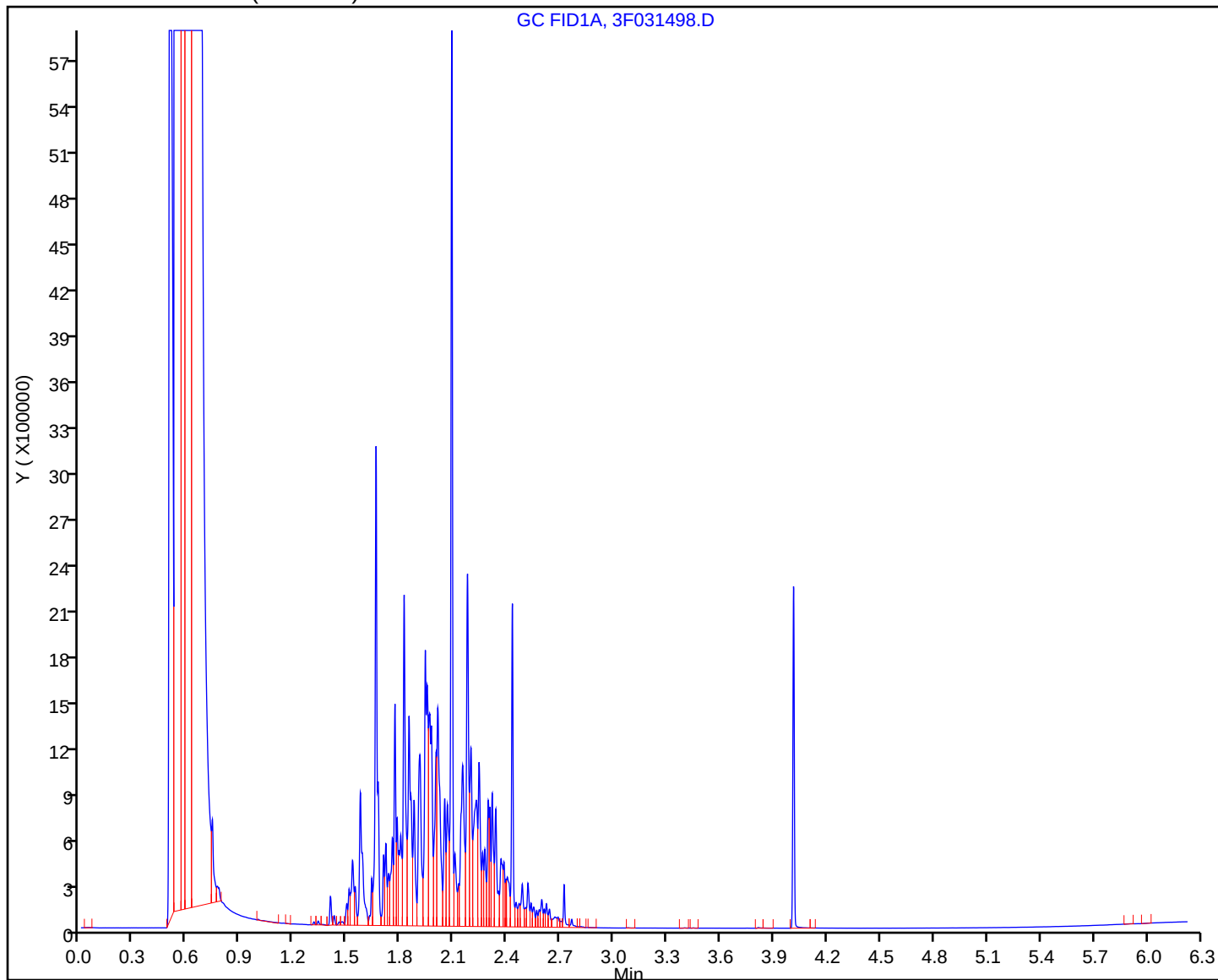
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031499.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 16-Sep-2020 13:54:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0116848-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 16-Sep-2020 14:27:58 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1019

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.121 (1.251-2.991) 92441190 2500.0 2344.2

\$ 2 o-Terphenyl
 4.013 4.011 0.002 3033993 100.0 103.9

Reagents:

SG105MinL4_00013 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031499.D

Injection Date: 16-Sep-2020 13:54:30

Instrument ID: CBNAGC3

Lims ID: STD4

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 5

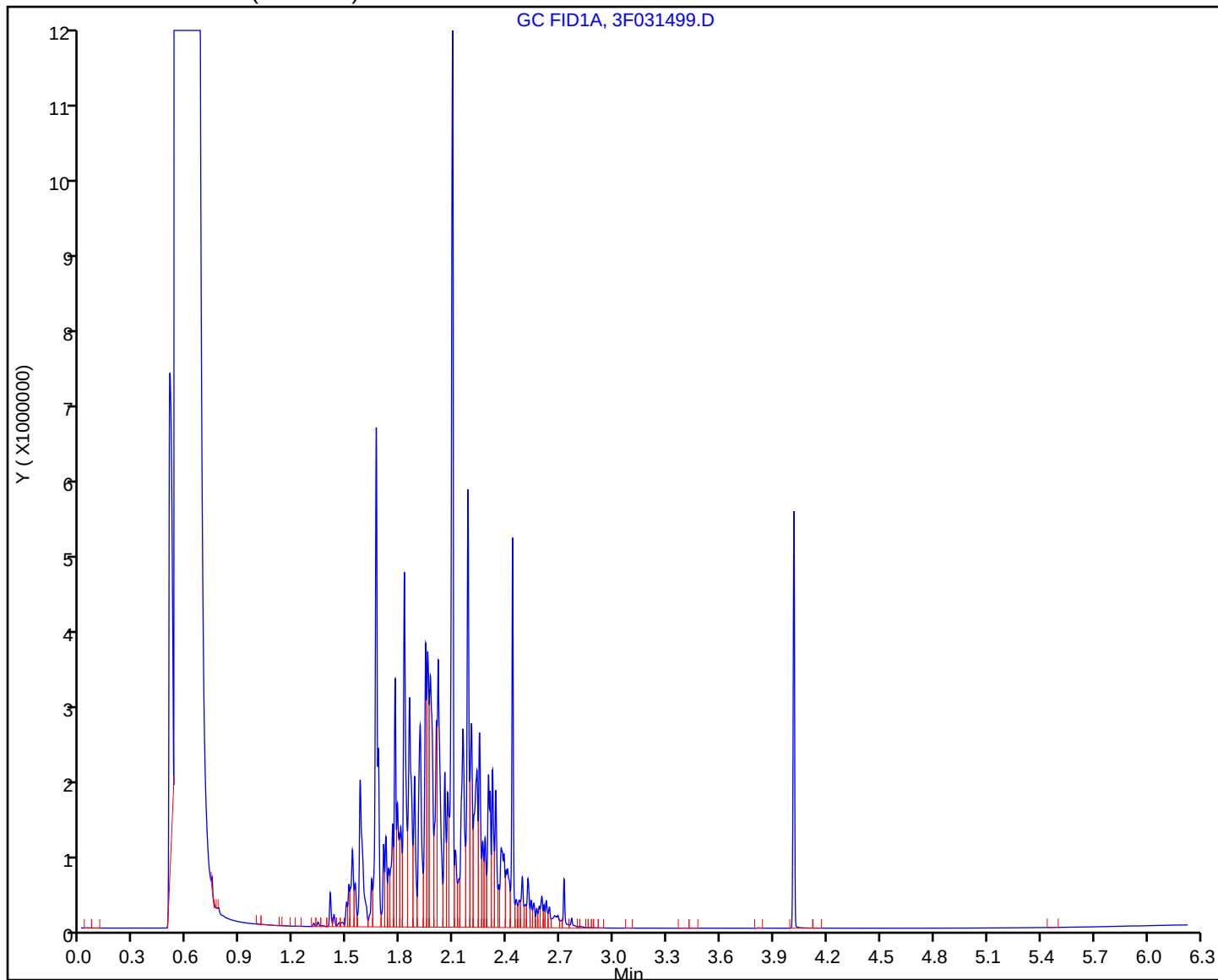
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Sep-2020 14:05:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0116848-006
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 16-Sep-2020 14:27:58 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1019

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.121	(1.251-2.991)		168788746	5000.0	4280.2

\$ 2 o-Terphenyl

4.015	4.011	0.004	5677124	200.0	194.4

Reagents:

SG105MinL5_00016

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D

Injection Date: 16-Sep-2020 14:05:30

Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 6

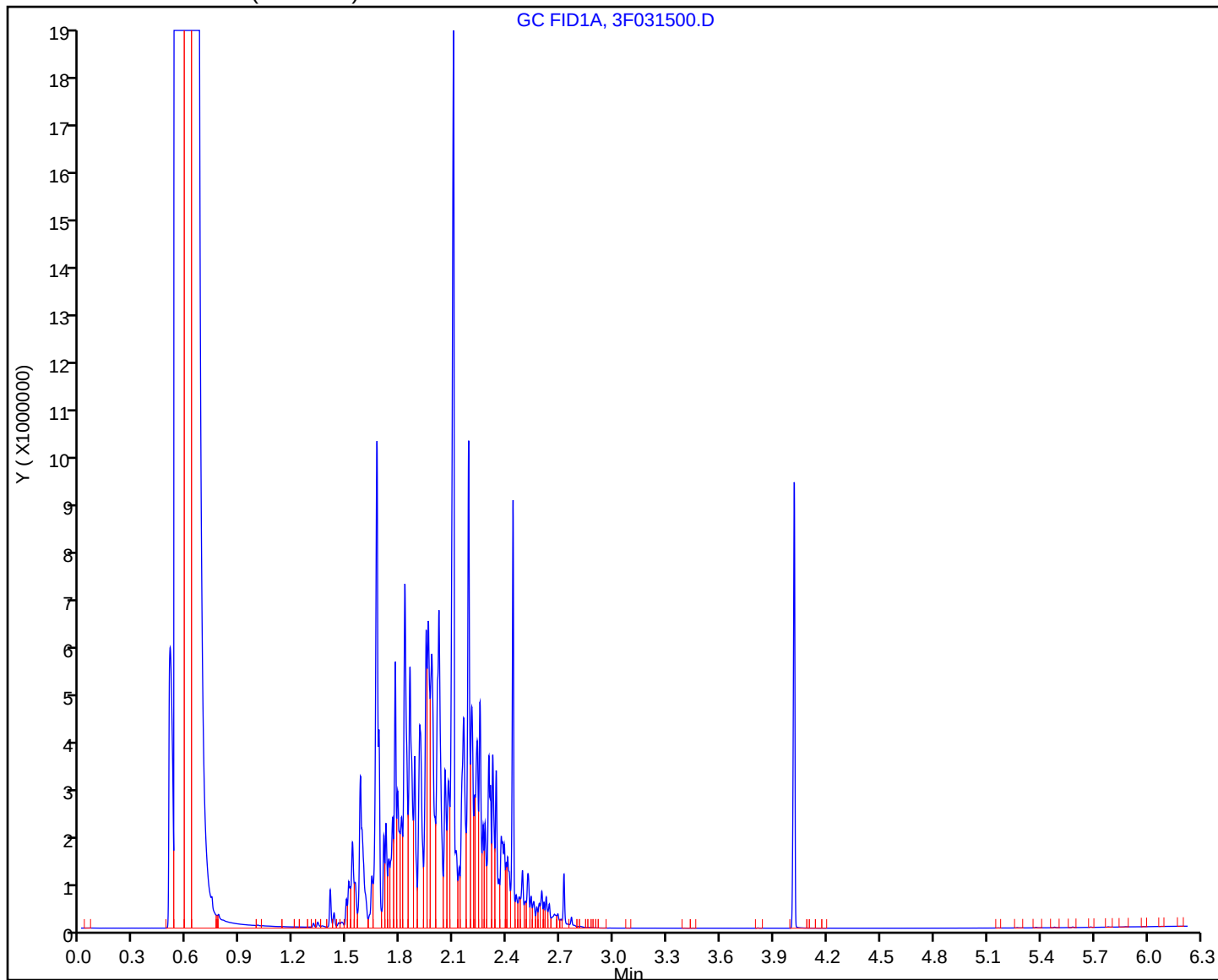
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/2 Calibration Date: 10/03/2020 14:11
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031901.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	39434	44818		1140	1000	13.7	20.0
o-Terphenyl	Ave	29199	35053		48.0	40.0	20.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/2 Calibration Date: 10/03/2020 14:11
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031901.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.08	1.21	2.95
o-Terphenyl	3.97	3.92	4.02

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031901.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 03-Oct-2020 14:11:56 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117786-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:01:13 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

First Level Reviewer: hamzik

Date: 03-Oct-2020 14:38:48

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.083	(1.213-2.953)		44818128	1000.0	1136.5

\$ 2 o-Terphenyl

3.973	3.973	0.000	1402113	40.0	48.0

QC Flag Legend

Processing Flags

Reagents:

SG105MinL3_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031901.D

Injection Date: 03-Oct-2020 14:11:56

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

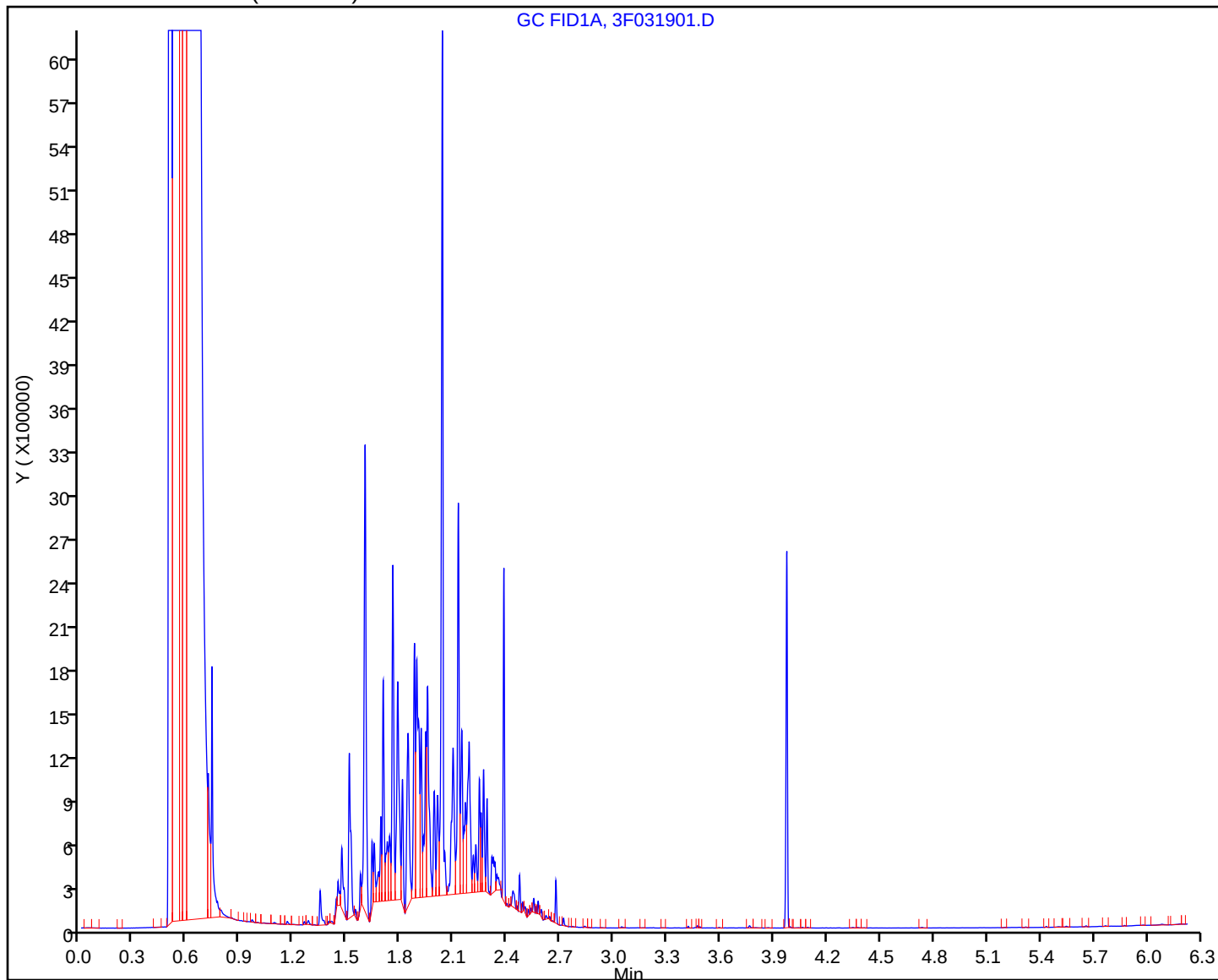
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/14 Calibration Date: 10/03/2020 16:36
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031913.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	39434	40109		1020	1000	1.7	20.0
o-Terphenyl	Ave	29199	35035		48.0	40.0	20.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/14 Calibration Date: 10/03/2020 16:36
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031913.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.07	1.20	2.94
o-Terphenyl	3.96	3.91	4.01

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031913.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 03-Oct-2020 16:36:09 ALS Bottle#: 2 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117786-014
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:01:17 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.067 (1.197-2.937) 40108524 1000.0 1017.1

\$ 2 o-Terphenyl
 3.957 3.957 0.000 1401399 40.0 48.0

Reagents:

SG105MinL3_00015 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031913.D

Injection Date: 03-Oct-2020 16:36:09

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 14

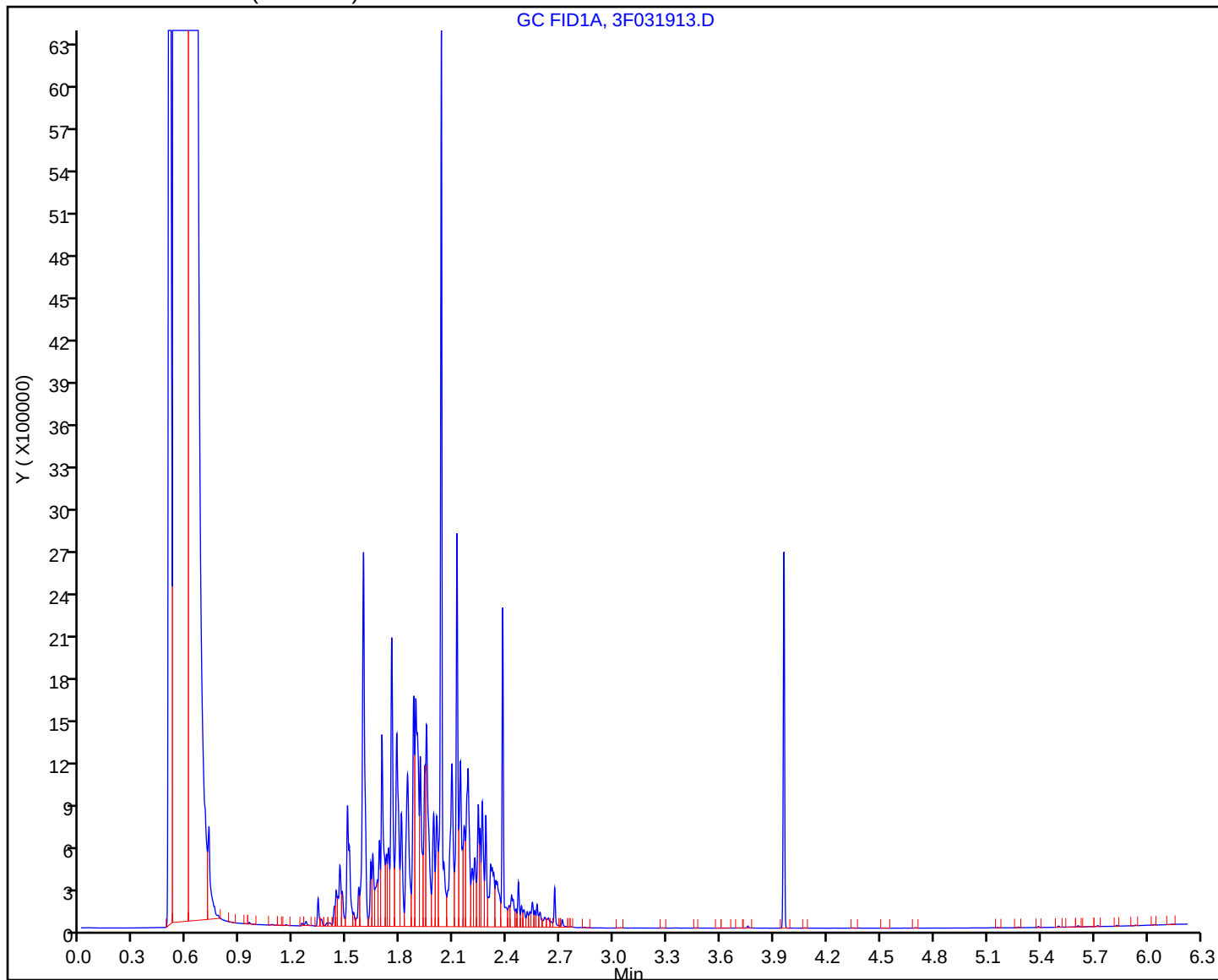
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/26 Calibration Date: 10/03/2020 19:52
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031930.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	39434	38057		965	1000	-3.5	20.0
o-Terphenyl	Ave	29199	32432		44.4	40.0	11.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728817/26 Calibration Date: 10/03/2020 19:52
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031930.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.08	1.20	2.94
o-Terphenyl	3.97	3.91	4.01

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031930.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 03-Oct-2020 19:52:22 ALS Bottle#: 2 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-026
Operator ID: 615 Instrument ID: CBNAGC3
Sublist: chrom-MS3F*sub1
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:22 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
2.083 (1.197-2.937) 38056588 1000.0 965.1

\$ 2 o-Terphenyl
3.967 3.957 0.010 1297271 40.0 44.4

Reagents:

SG105MinL3_00015 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031930.D

Injection Date: 03-Oct-2020 19:52:22

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 26

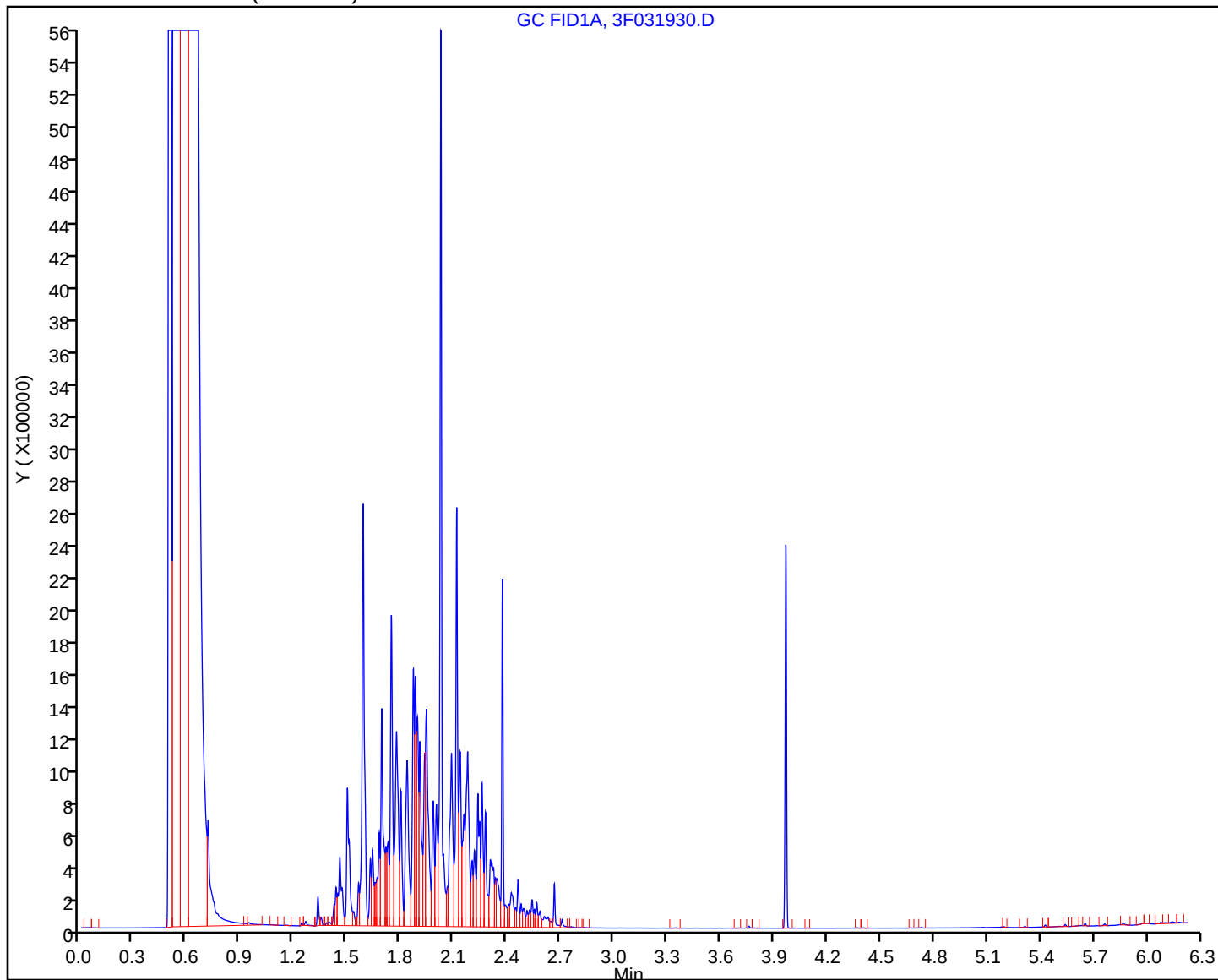
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728954/2 Calibration Date: 10/04/2020 11:08
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031933.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	39434	45182		1150	1000	14.6	20.0
o-Terphenyl	Ave	29199	29247		40.1	40.0	0.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728954/2 Calibration Date: 10/04/2020 11:08
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031933.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.08	1.21	2.95
o-Terphenyl	3.97	3.92	4.02

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031933.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 04-Oct-2020 11:08:00 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117816-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:05:41 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 12:05:16

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.077	(1.207-2.947)		45182391	1000.0	1145.8

\$ 2 o-Terphenyl

3.967	3.967	0.000	1169879	40.0	40.1

QC Flag Legend

Processing Flags

Reagents:

SG105MinL3_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031933.D

Injection Date: 04-Oct-2020 11:08:00

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

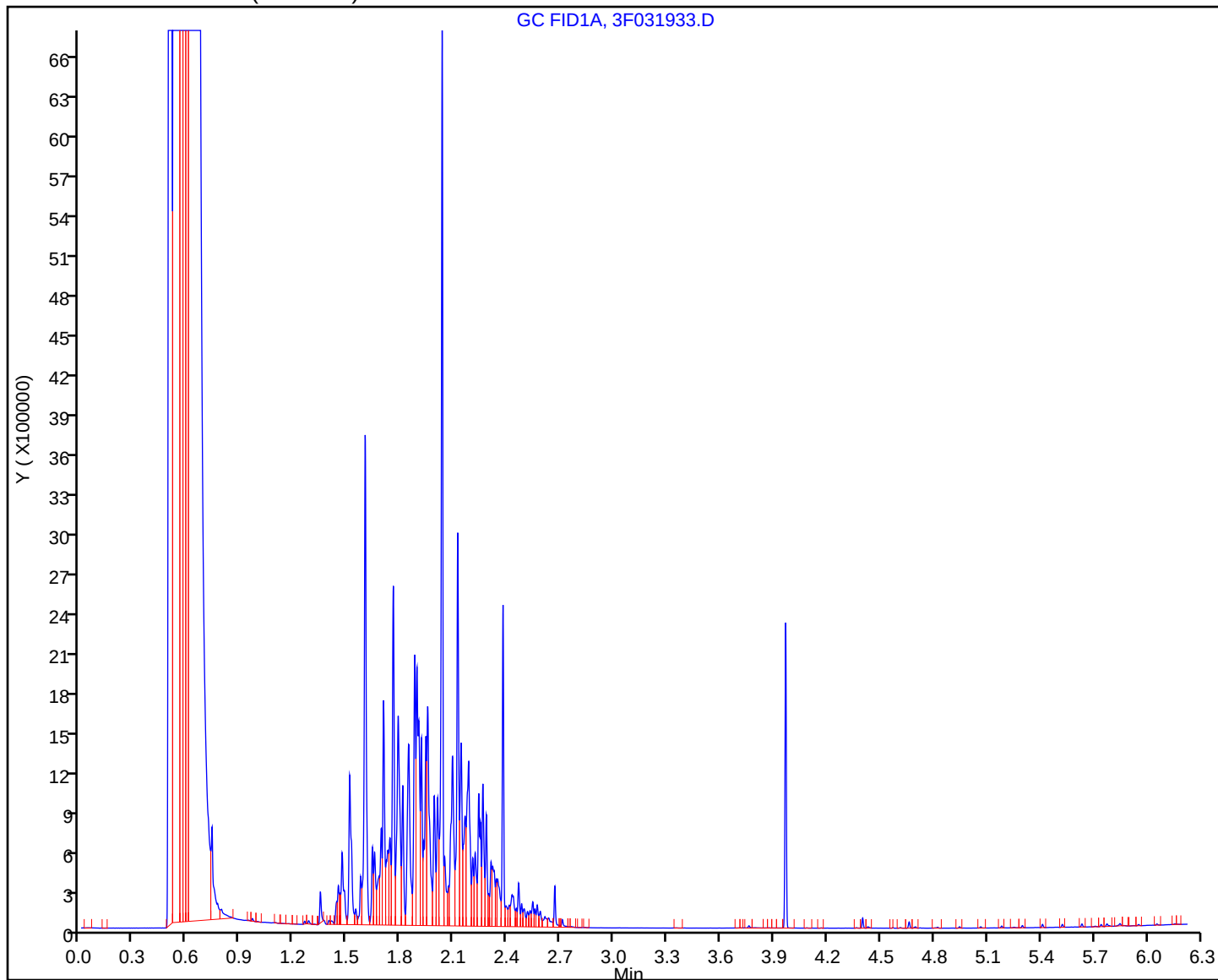
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728954/7 Calibration Date: 10/04/2020 12:14
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031938.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	39434	44493		1130	1000	12.8	20.0
o-Terphenyl	Ave	29199	32654		44.7	40.0	11.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Lab Sample ID: CCV 460-728954/7 Calibration Date: 10/04/2020 12:14
Instrument ID: CBNAGC3 Calib Start Date: 09/16/2020 13:21
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 09/16/2020 14:05
Lab File ID: 3F031938.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.08	1.21	2.95
o-Terphenyl	3.96	3.92	4.02

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031938.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 04-Oct-2020 12:14:11 ALS Bottle#: 2 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117816-007
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:26:33 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.081	(1.211-2.951)		44492811	1000.0	1128.3

\$ 2 o-Terphenyl

3.962	3.971	-0.009	1306158	40.0	44.7

Reagents:

SG105MinL3_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031938.D

Injection Date: 04-Oct-2020 12:14:11

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 7

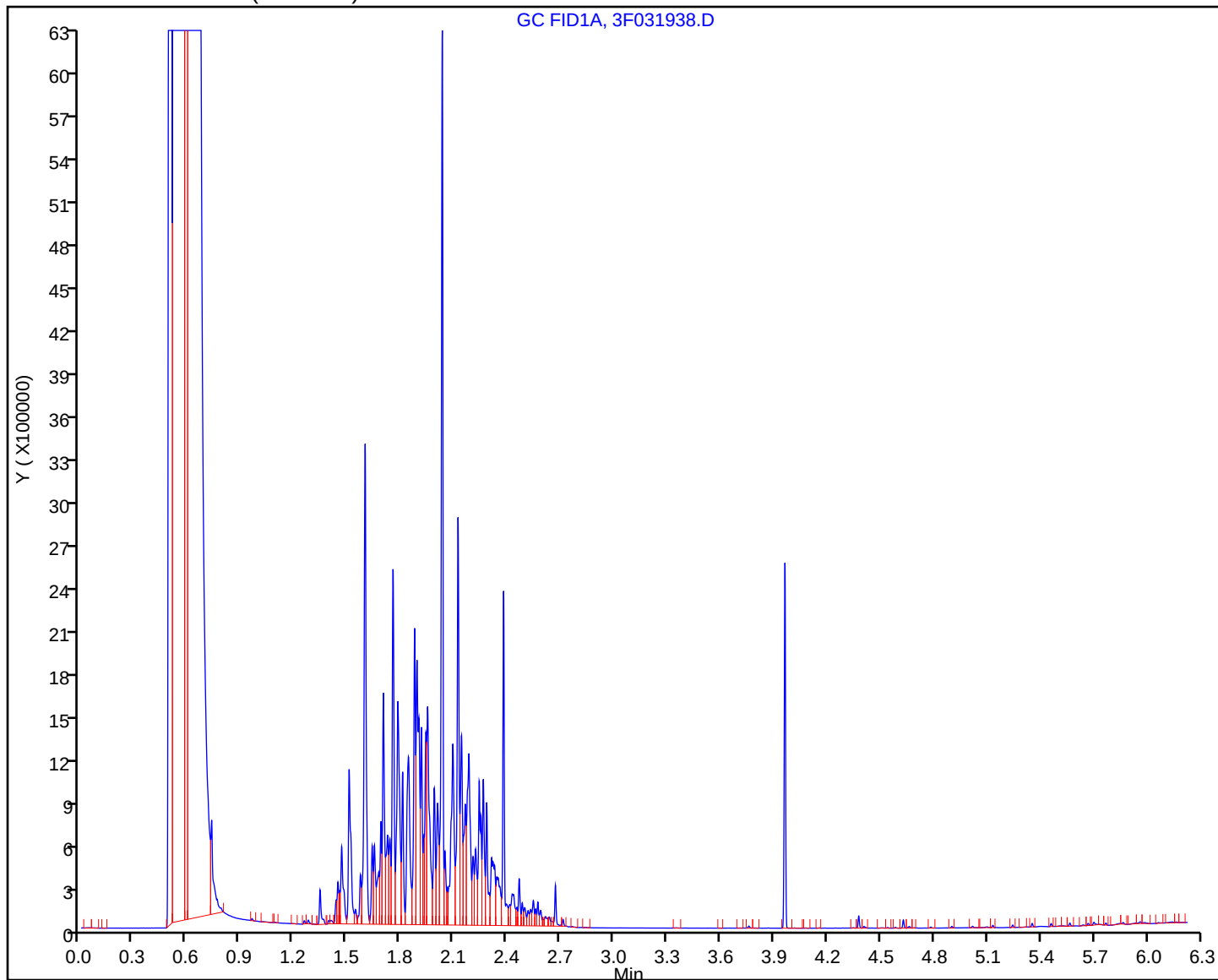
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-728041/1-A
Matrix: Water Lab File ID: 3F031902.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/30/2020 20:55
Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 14:29
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	98		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031902.D
Lims ID: MB 460-728041/1-A
Client ID:
Sample Type: MB
Inject. Date: 03-Oct-2020 14:29:51 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-003
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:13 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 11:55:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.977	3.973	0.004	1148208	20.0	39.3	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031902.D

Injection Date: 03-Oct-2020 14:29:51

Instrument ID: CBNAGC3

Lims ID: MB 460-728041/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 3

Worklist Smp#: 3

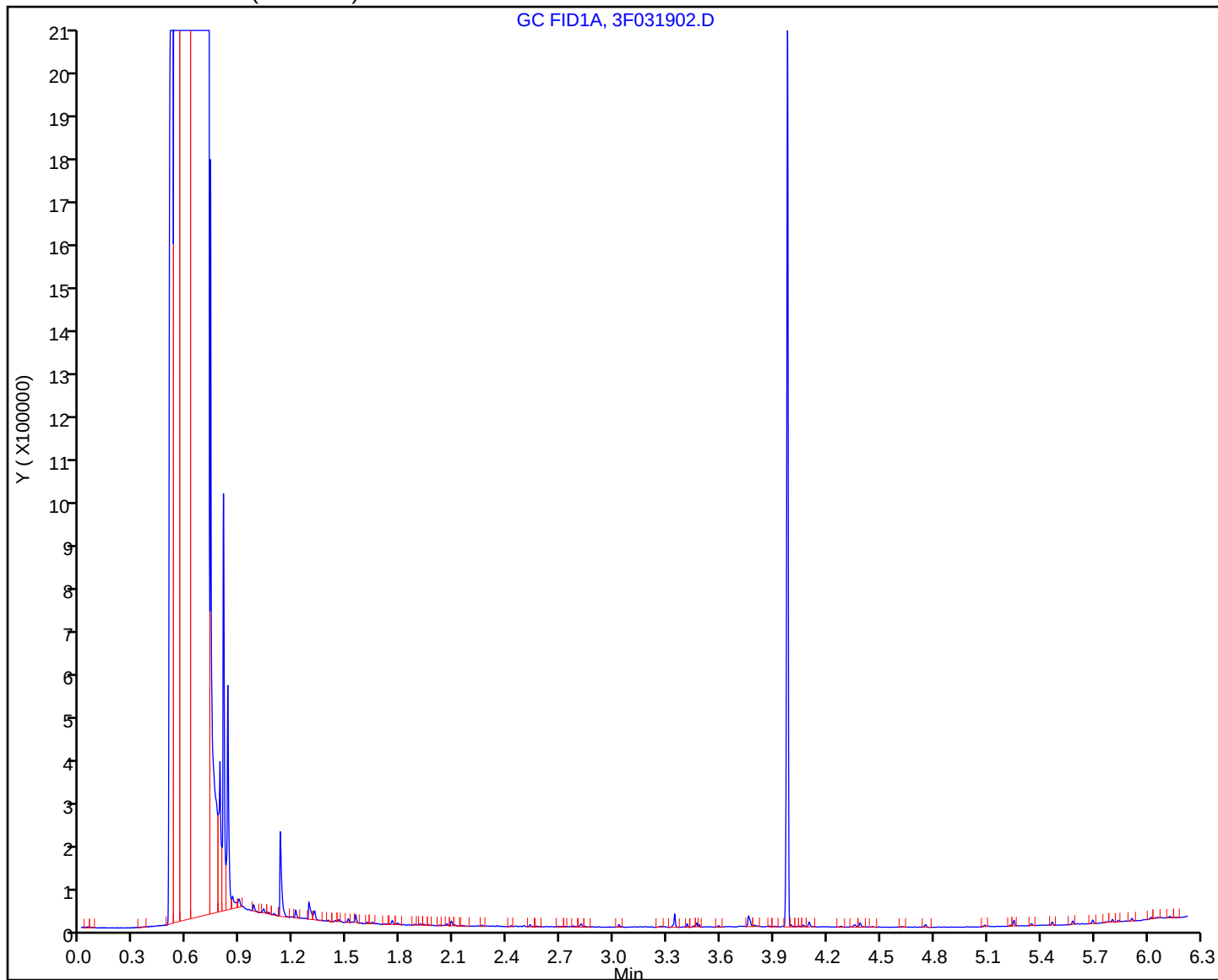
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031902.D

Injection Date: 03-Oct-2020 14:29:51

Instrument ID: CBNAGC3

Lims ID: MB 460-728041/1-A

Client ID:

Operator ID: 615

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

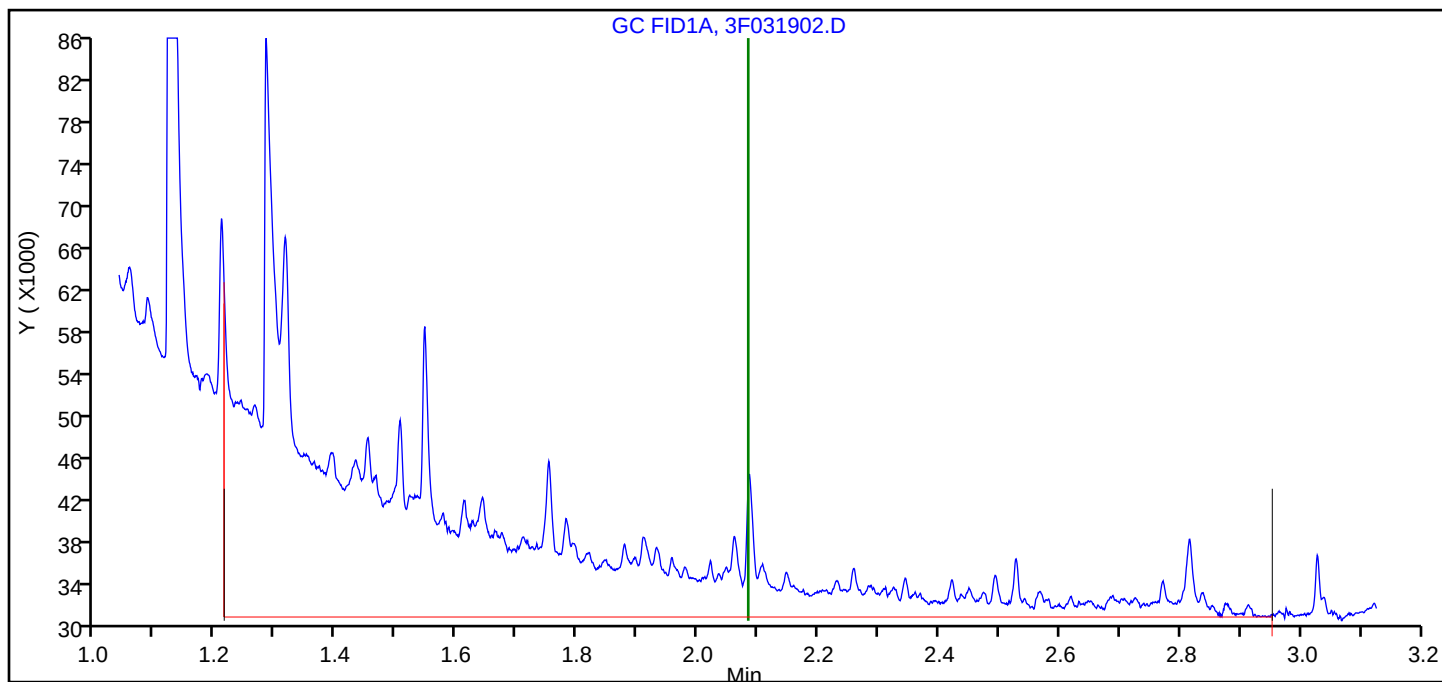
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	679014	17.218835

Reviewer: hamzik, 04-Oct-2020 11:55:53

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-728817/1
Matrix: Water Lab File ID: 3F031900.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/03/2020 13:36
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	144		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031900.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 03-Oct-2020 13:36:19 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:06 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICAL File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 03-Oct-2020 13:59:12

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl						a
3.956	3.973	-0.017	1684948	40.0	57.7	a

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPIBLKDRO_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031900.D

Injection Date: 03-Oct-2020 13:36:19

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 1

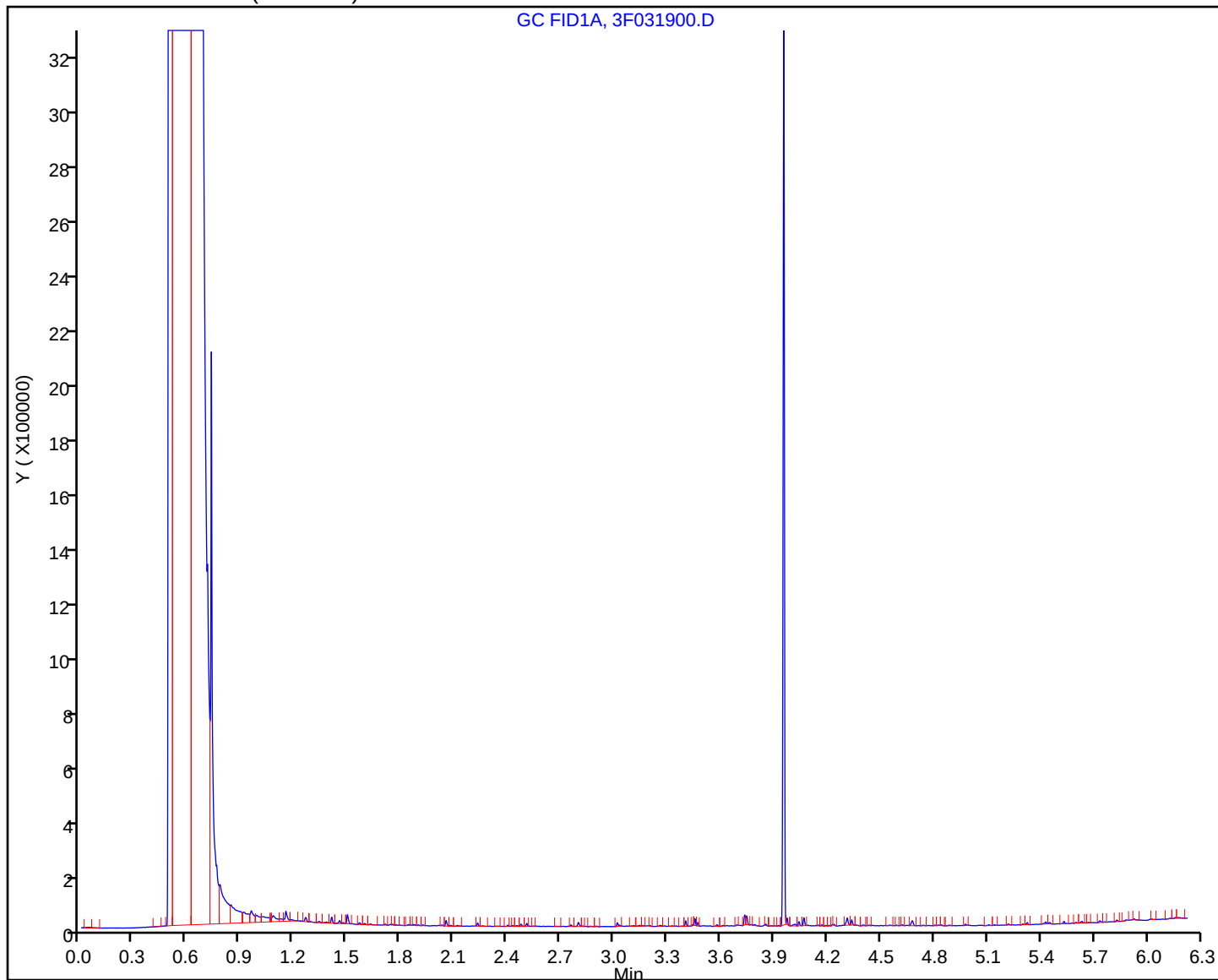
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031900.D

Injection Date: 03-Oct-2020 13:36:19

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

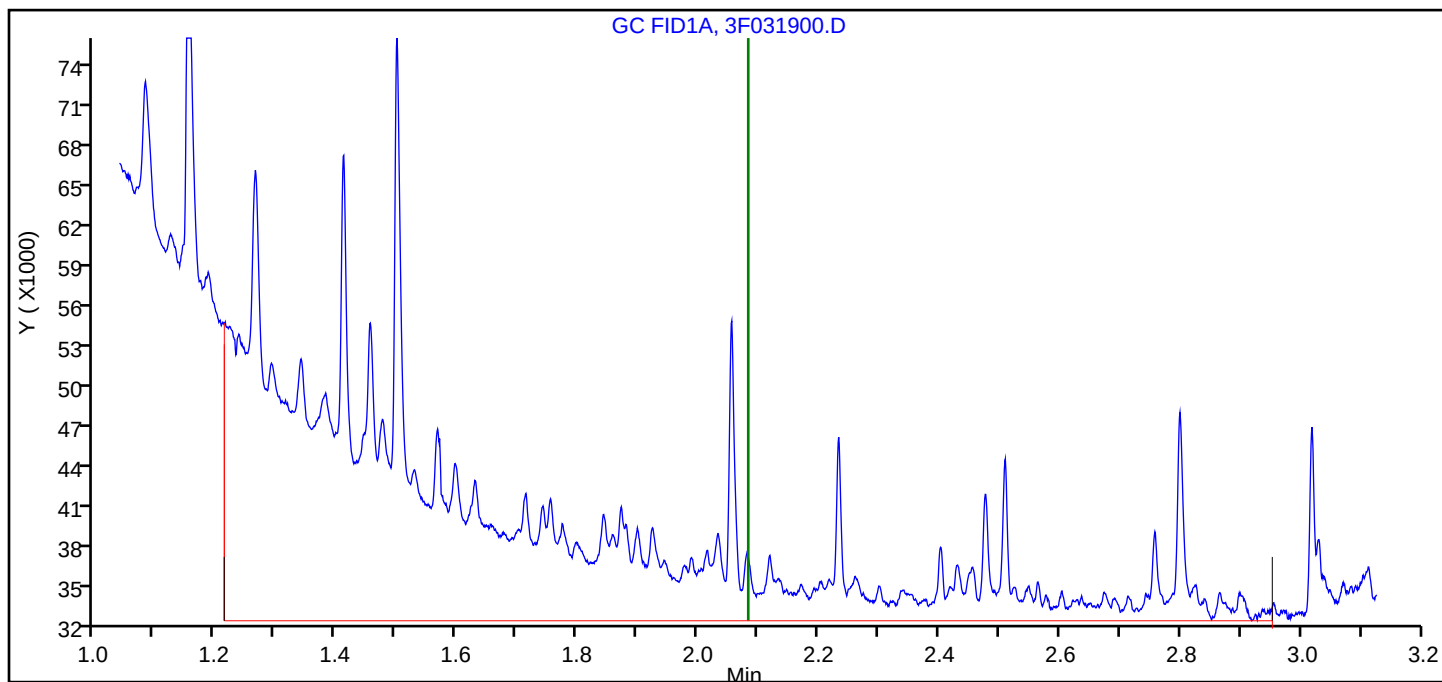
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	656502	16.647962

Reviewer: hamzik, 03-Oct-2020 14:26:03

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031900.D

Injection Date: 03-Oct-2020 13:36:19

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

1

Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

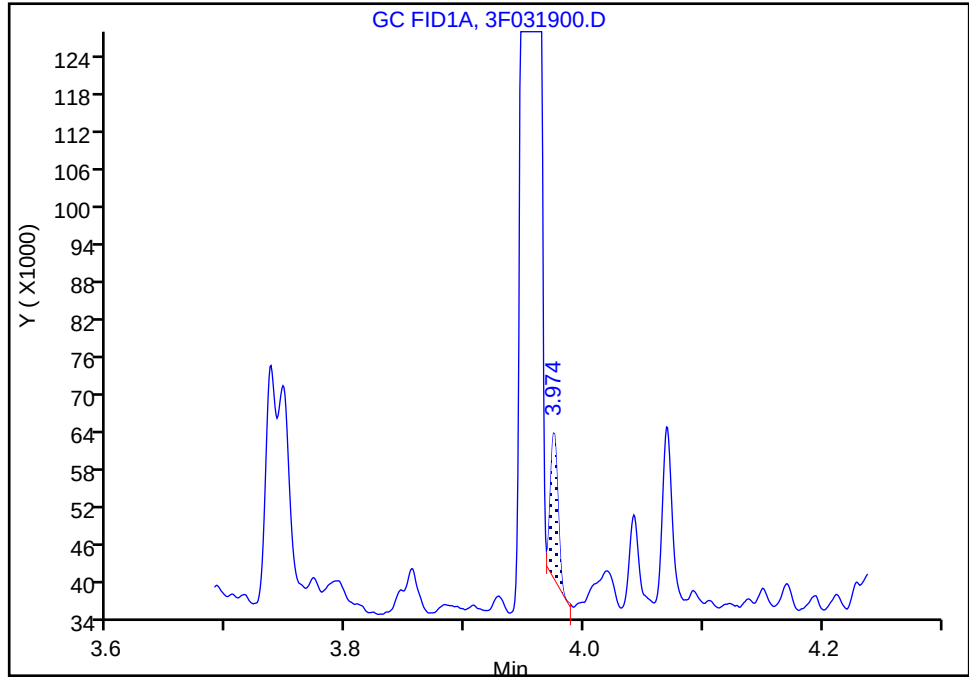
Detector: GC FID1A

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

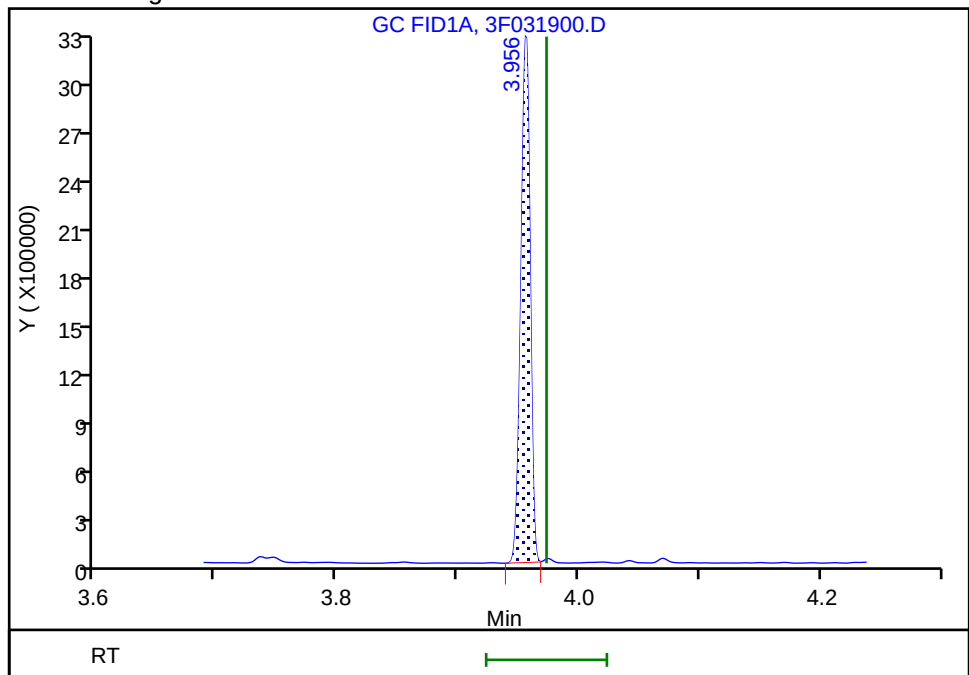
RT: 3.97
Area: 10137
Amount: 0.347171
Amount Units: ug/ml

Processing Integration Results



RT: 3.96
Area: 1684948
Amount: 57.705863
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 03-Oct-2020 14:25:58

Audit Action: Assigned Compound ID

Audit Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-728817/13
Matrix: Water Lab File ID: 3F031912.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/03/2020 16:24
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	132		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031912.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 03-Oct-2020 16:24:42 ALS Bottle#: 1 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-013
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:13 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 03-Oct-2020 16:46:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.967 3.973 -0.006 1542439 40.0 52.8

Reagents:

SGPIBLKDRO_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031912.D

Injection Date: 03-Oct-2020 16:24:42

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 13

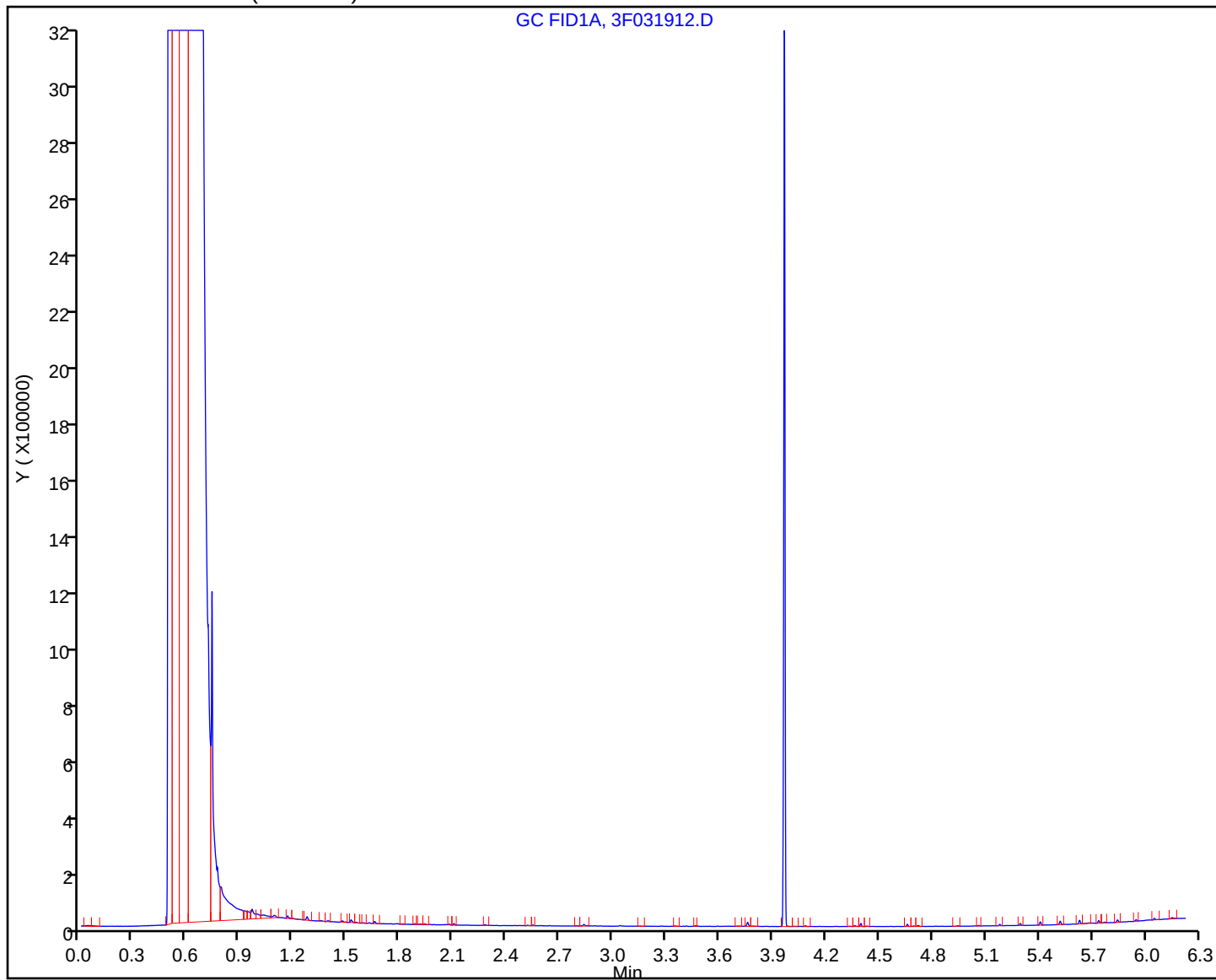
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031912.D

Injection Date: 03-Oct-2020 16:24:42

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 13

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

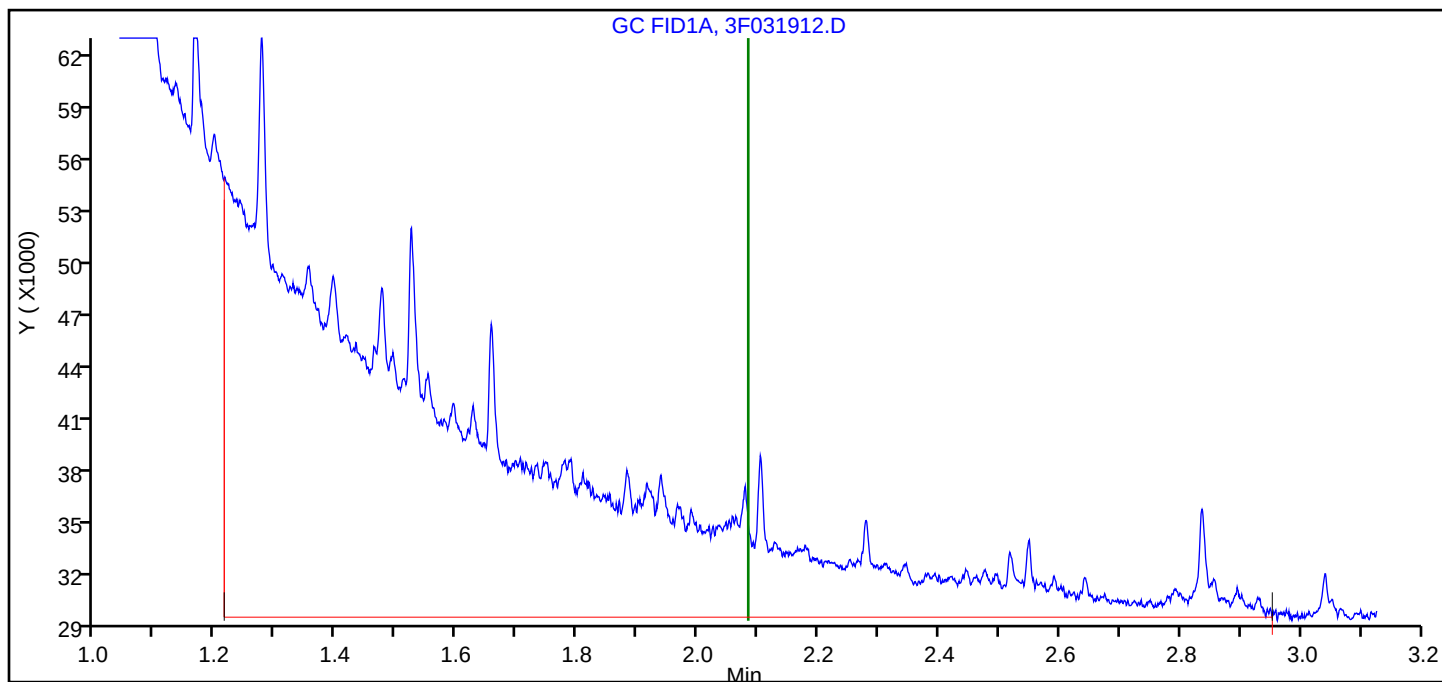
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	729605	18.501751

Reviewer: hamzik, 03-Oct-2020 16:46:52

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-728817/25
Matrix: Water Lab File ID: 3F031924.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/03/2020 18:44
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	144		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031924.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 03-Oct-2020 18:44:06 ALS Bottle#: 1 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117786-025
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:01:17 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 09:03:31

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.971 3.957 0.014 1676179 40.0 57.4

Reagents:

SGPIBLKDRO_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031924.D

Injection Date: 03-Oct-2020 18:44:06

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 25

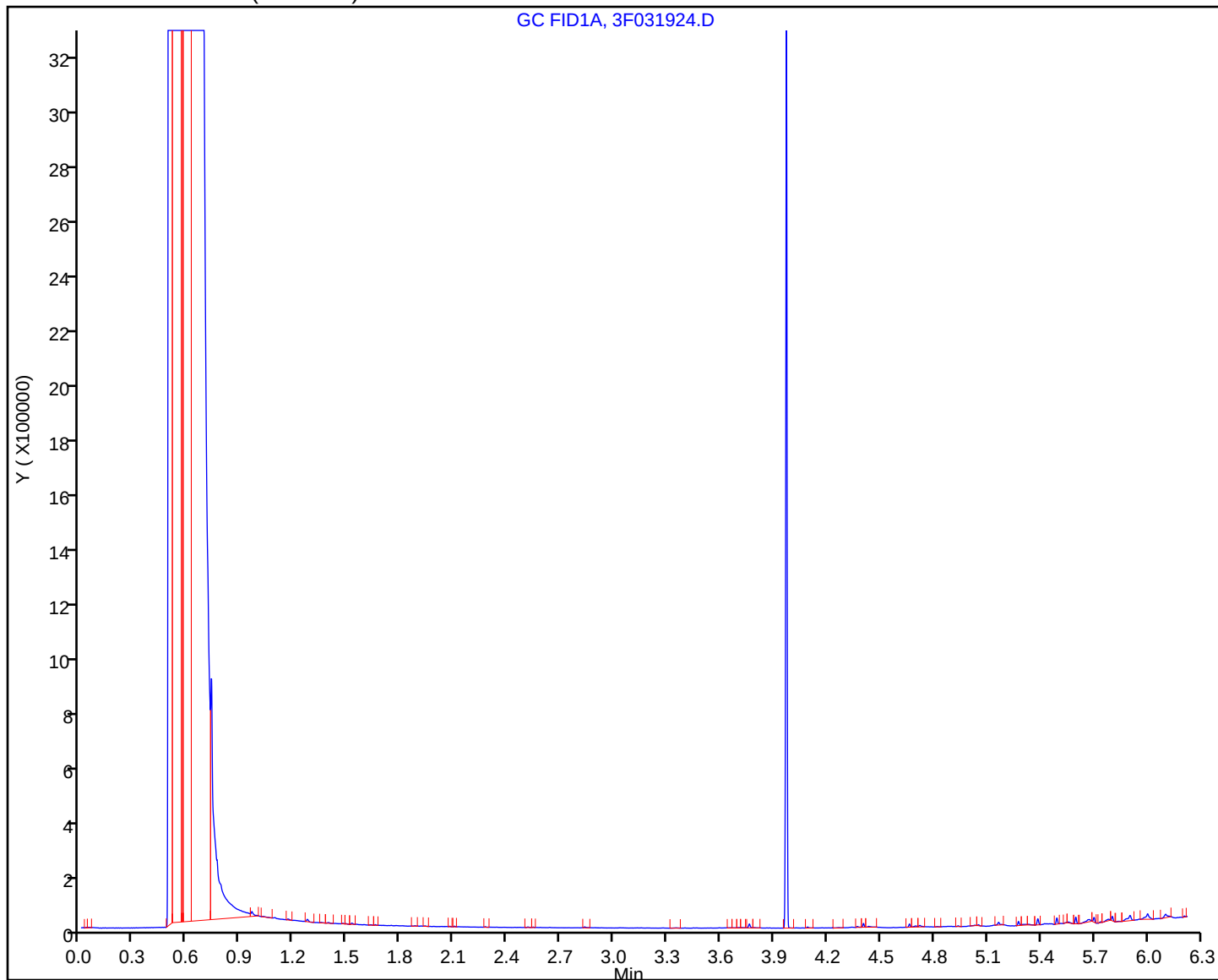
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031924.D

Injection Date: 03-Oct-2020 18:44:06

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 25

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

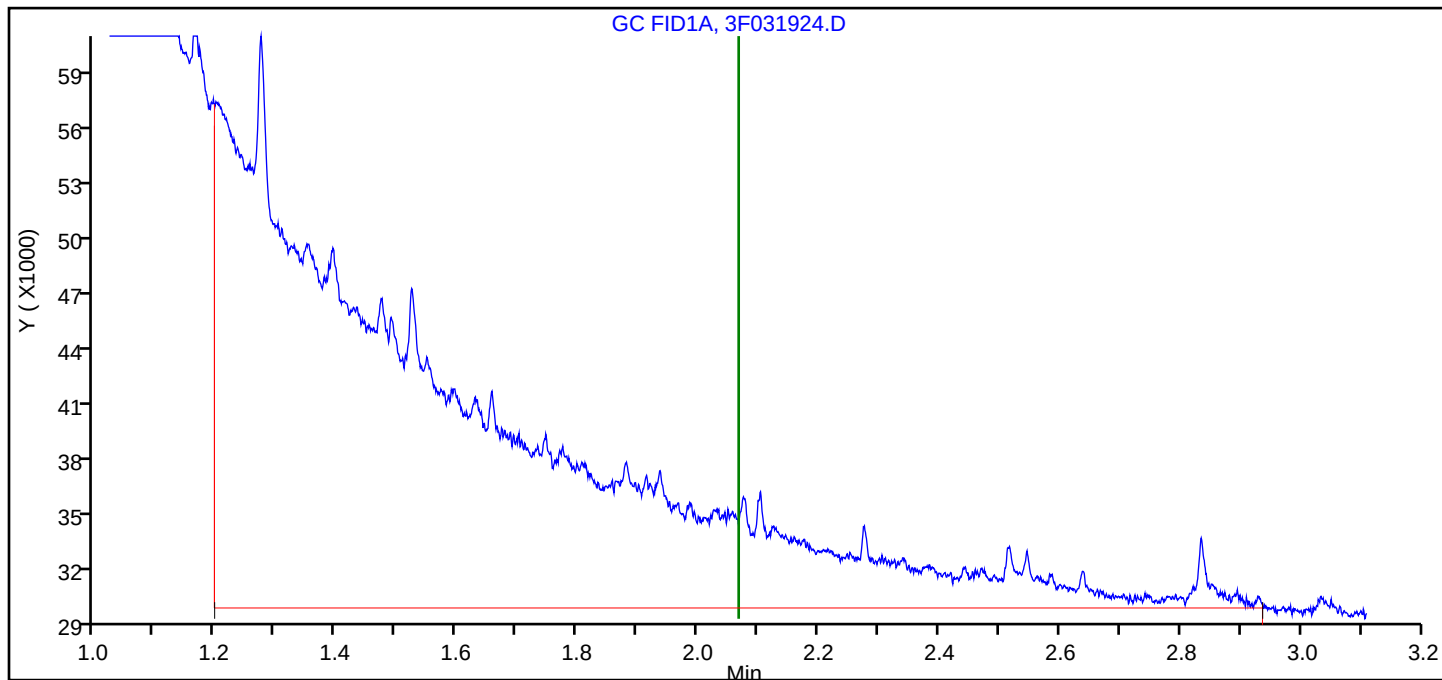
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.07	2.07	744865	18.888723

Reviewer: hamzik, 04-Oct-2020 09:03:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-728954/1
Matrix: Water Lab File ID: 3F031932.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/04/2020 10:56
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728954 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	140		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031932.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 04-Oct-2020 10:56:26 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117816-001
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:26:37 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.974 3.971 0.003 1633434 40.0 55.9

QC Flag Legend

Processing Flags

Reagents:

SGPIBLKDRO_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031932.D

Injection Date: 04-Oct-2020 10:56:26

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 1

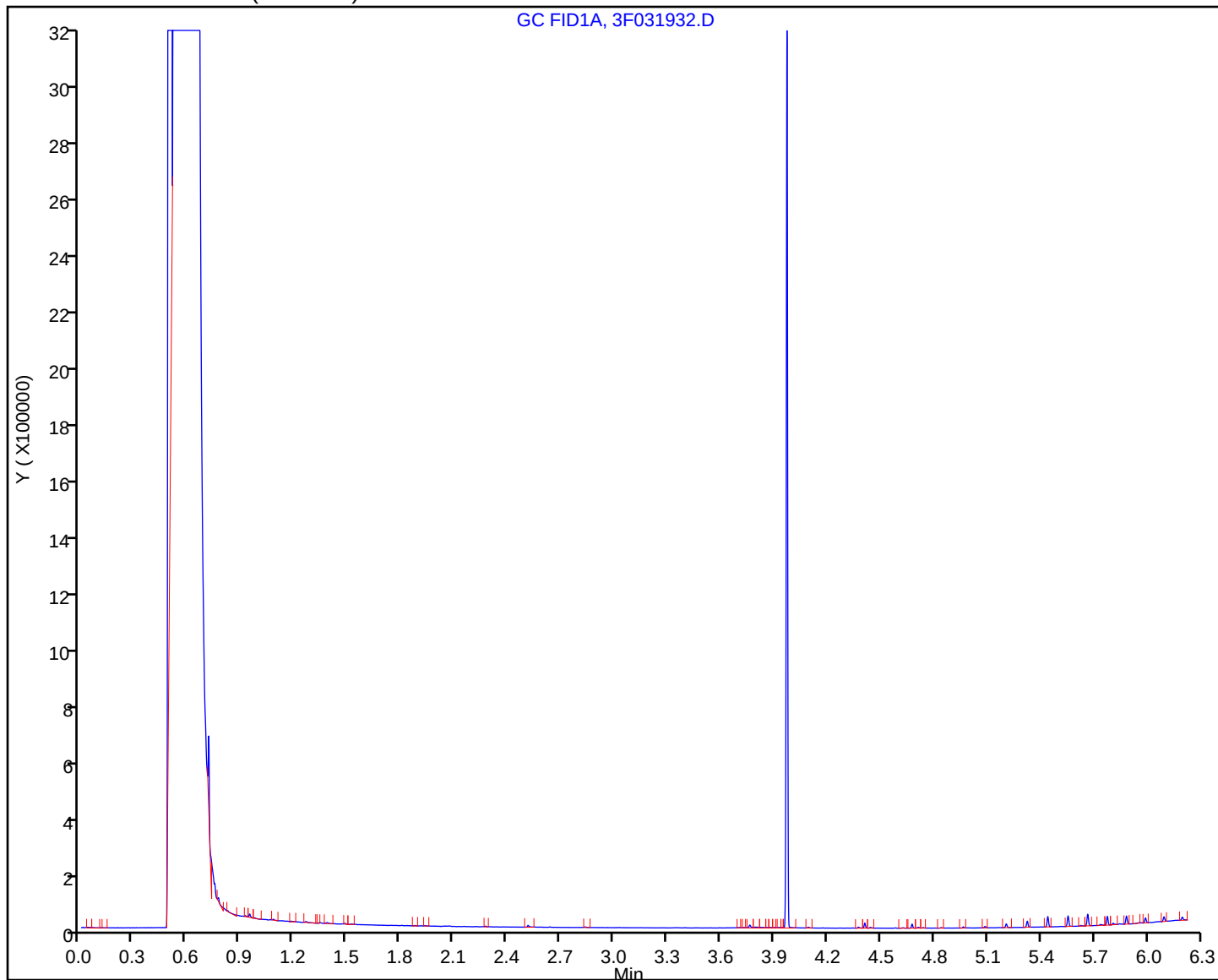
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031932.D

Injection Date: 04-Oct-2020 10:56:26

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

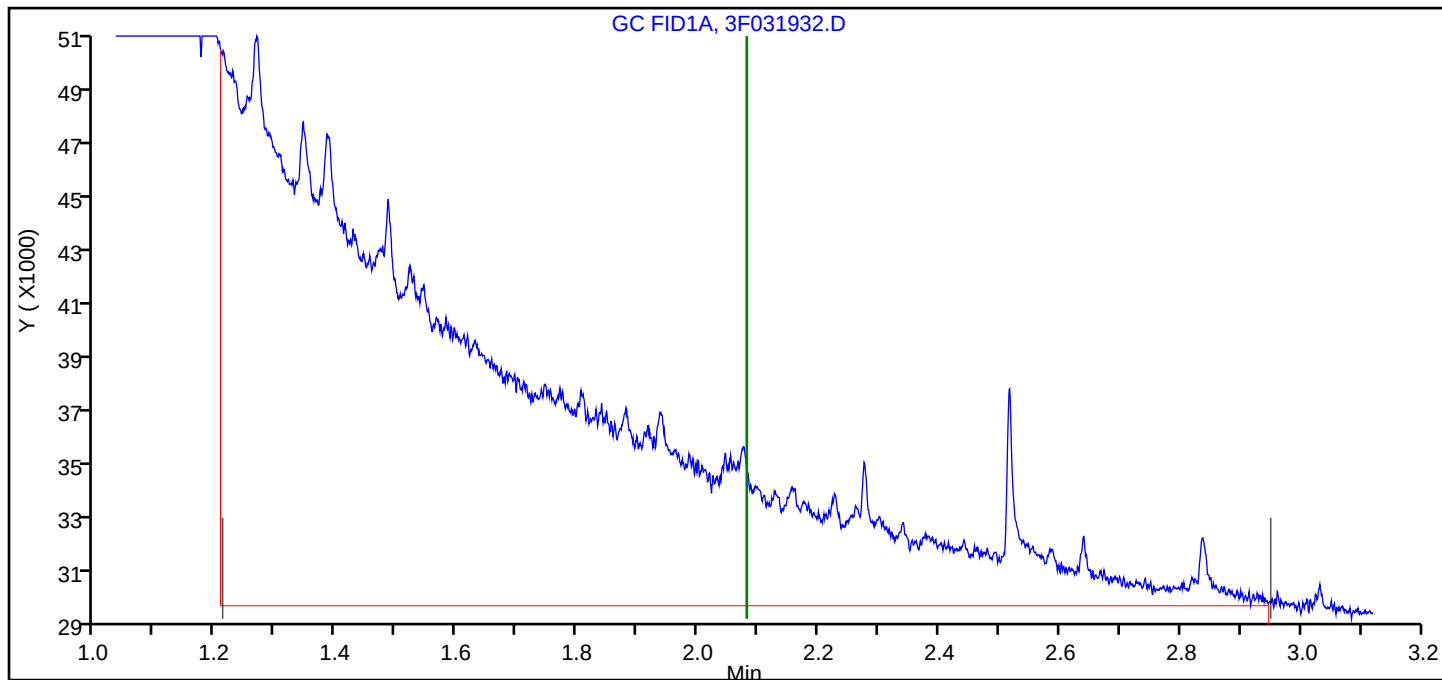
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	658341	16.694597

Reviewer: hamzik, 04-Oct-2020 12:04:59

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: PIBLK 460-728954/6
Matrix: Water Lab File ID: 3F031937.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 10/04/2020 12:02
Con. Extract Vol.: _____ Dilution Factor: 1
Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728954 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	135		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031937.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 04-Oct-2020 12:02:44 ALS Bottle#: 1 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0117816-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 04-Oct-2020 12:26:29 Calib Date: 16-Sep-2020 14:05:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 12:26:29

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.969 3.971 -0.002 1578770 40.0 54.1

Reagents:

SGPIBLKDRO_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031937.D

Injection Date: 04-Oct-2020 12:02:44

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 6

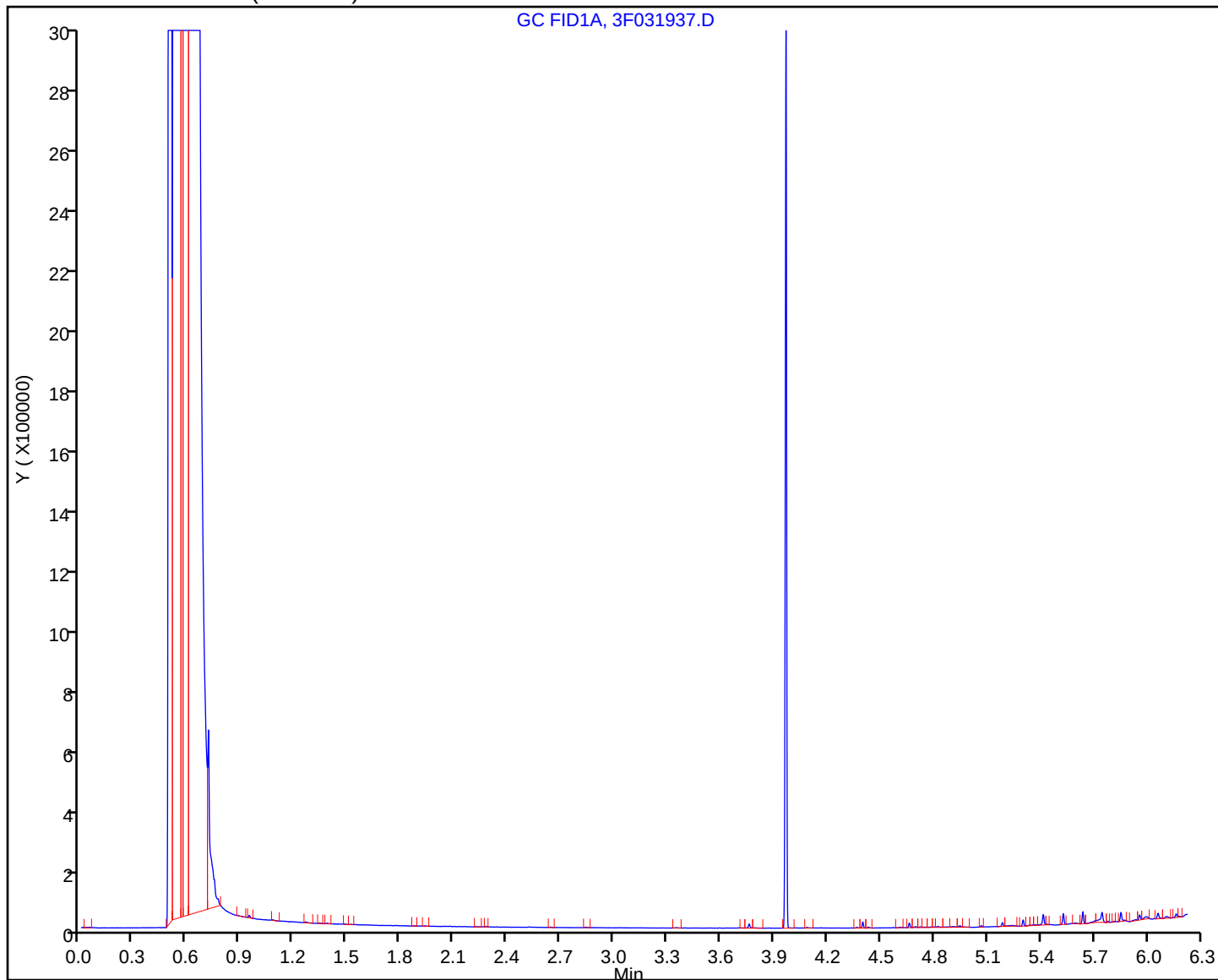
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201004-117816.b\3F031937.D

Injection Date: 04-Oct-2020 12:02:44

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

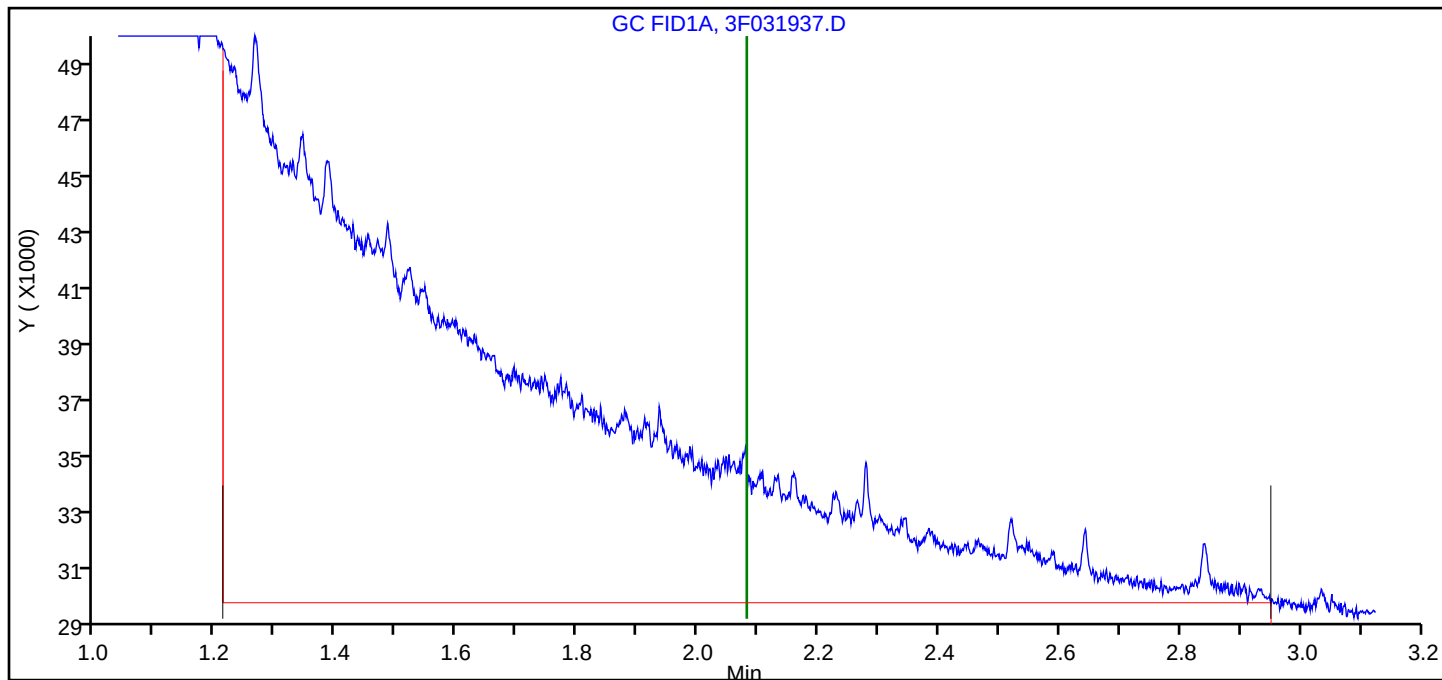
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.08	2.08	601780	15.260290

Reviewer: hamzik, 04-Oct-2020 12:26:25

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-728041/2-A
Matrix: Water Lab File ID: 3F031903.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/30/2020 20:55
Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 14:41
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	10400		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031903.D
 Lims ID: LCS 460-728041/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 03-Oct-2020 14:41:11 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117786-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:01:13 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 11:56:06

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A	1 Mineral Spirits					E
	2.077 (1.213-2.953)		409395052	10000	10382	E
\$	2 o-Terphenyl					a
	3.955 3.973 -0.018		1035229	20.0	35.5	a

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031903.D

Injection Date: 03-Oct-2020 14:41:11

Instrument ID: CBNAGC3

Lims ID: LCS 460-728041/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 4

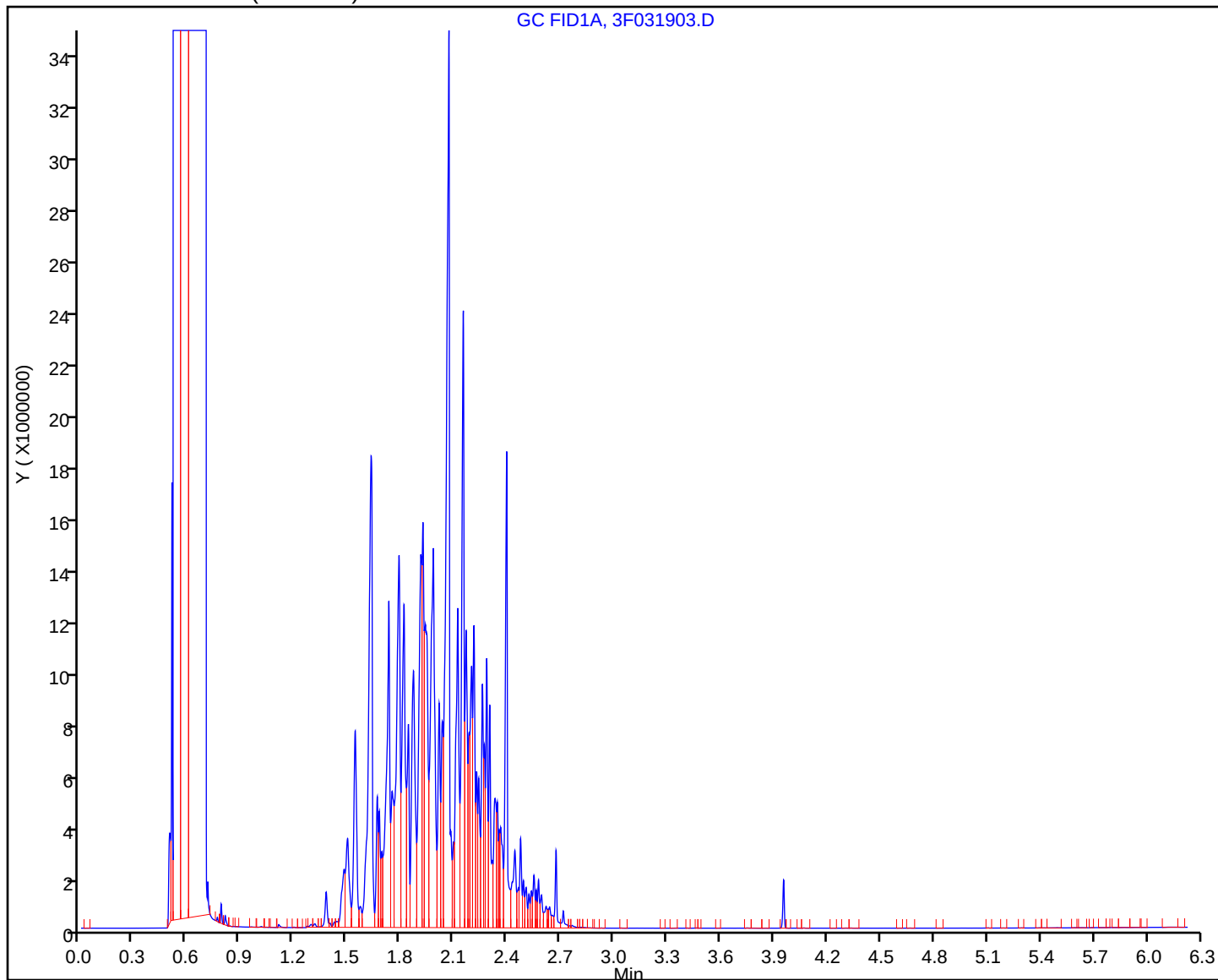
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031903.D

Injection Date: 03-Oct-2020 14:41:11

Instrument ID: CBNAGC3

Lims ID: LCS 460-728041/2-A

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

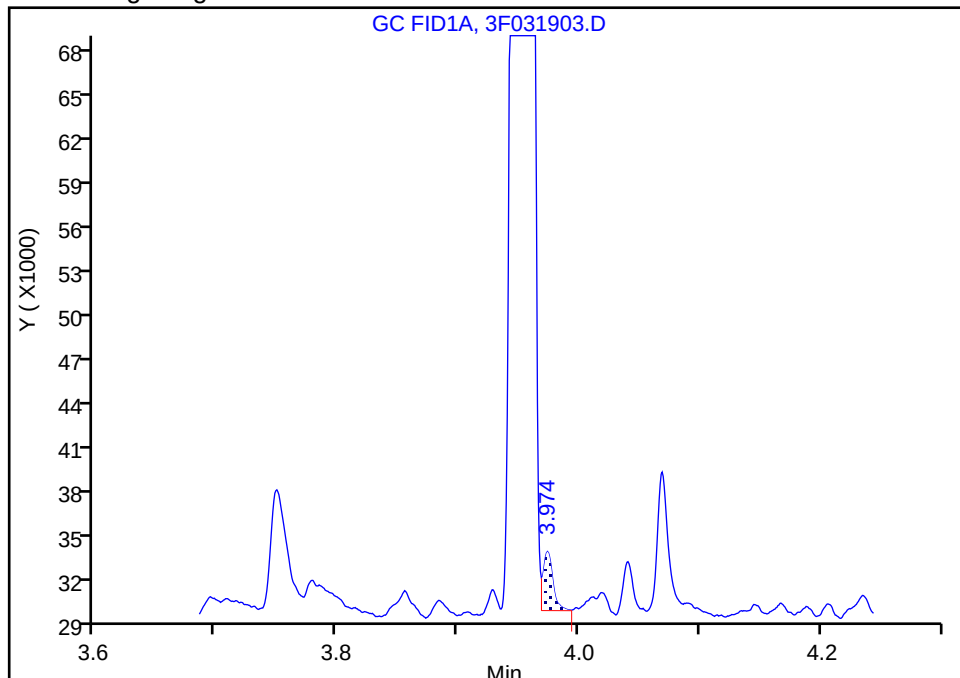
Detector: GC FID1A

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

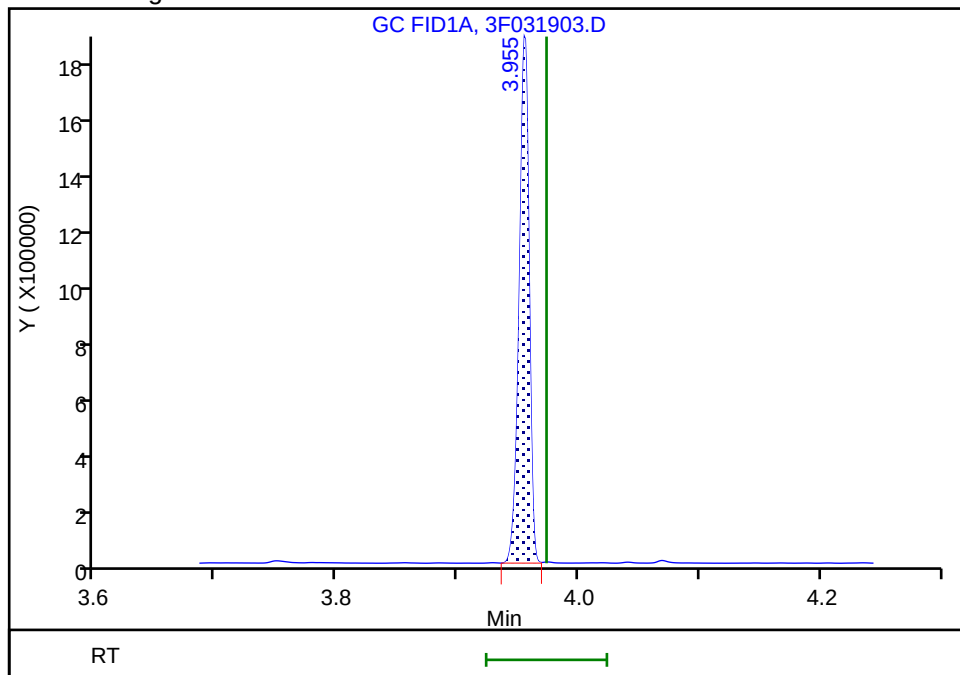
RT: 3.97
Area: 2150
Amount: 0.073633
Amount Units: ug/ml

Processing Integration Results



RT: 3.95
Area: 1035229
Amount: 35.454377
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 04-Oct-2020 11:56:32

Audit Action: Assigned Compound ID

Audit Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCSD 460-728041/3-A
Matrix: Water Lab File ID: 3F031904.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 09/30/2020 20:55
Sample wt/vol: 1000 (mL) Date Analyzed: 10/03/2020 14:52
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 728817 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	10900		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	97		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031904.D
 Lims ID: LCSD 460-728041/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 03-Oct-2020 14:52:45 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0117786-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 04-Oct-2020 12:01:13 Calib Date: 16-Sep-2020 14:05:30
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20200916-116848.b\3F031500.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1631

First Level Reviewer: hamzik

Date: 04-Oct-2020 11:56:39

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A	1 Mineral Spirits					E
	2.083 (1.213-2.953)		429658982	10000	10896	E
\$	2 o-Terphenyl					a
	3.957 3.973 -0.016		1130573	20.0	38.7	a

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031904.D

Injection Date: 03-Oct-2020 14:52:45

Instrument ID: CBNAGC3

Lims ID: LCSD 460-728041/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 5

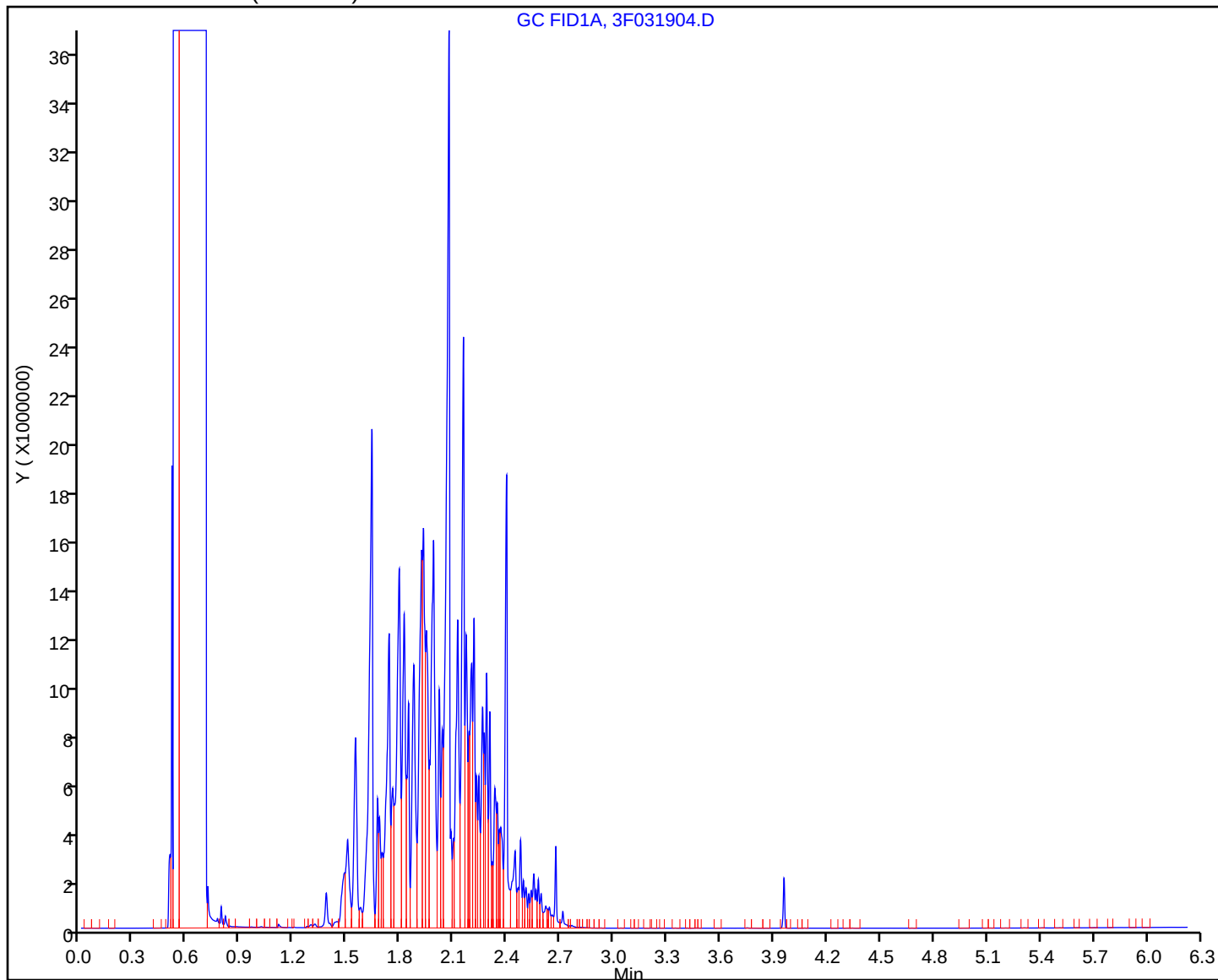
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201003-117786.b\3F031904.D

Injection Date: 03-Oct-2020 14:52:45

Instrument ID: CBNAGC3

Lims ID: LCSD 460-728041/3-A

Client ID:

Operator ID: 615

ALS Bottle#:

5

Worklist Smp#: 5

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

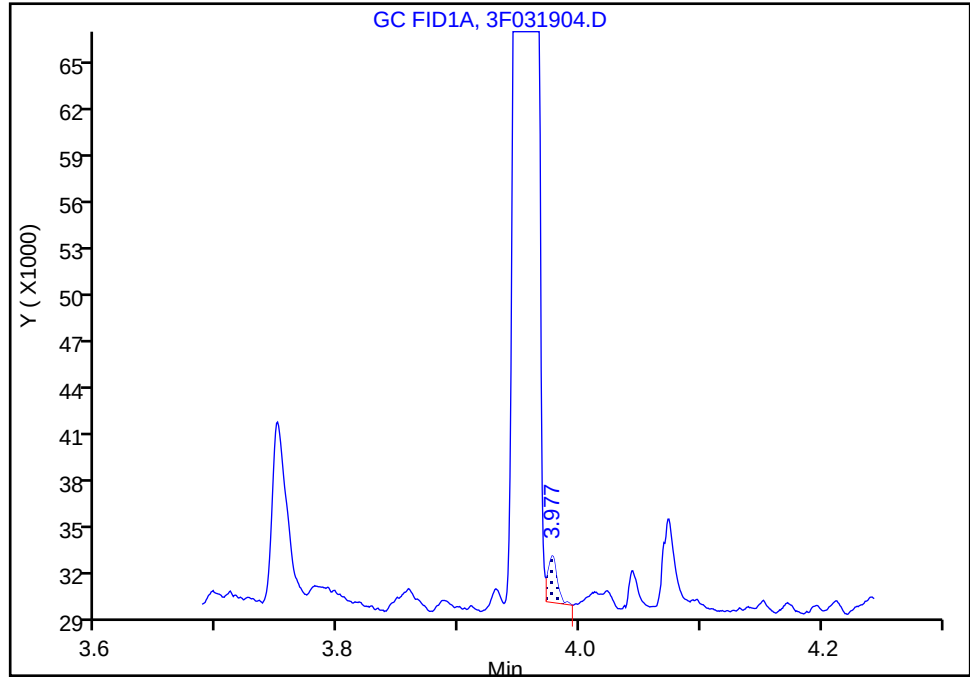
Detector: GC FID1A

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

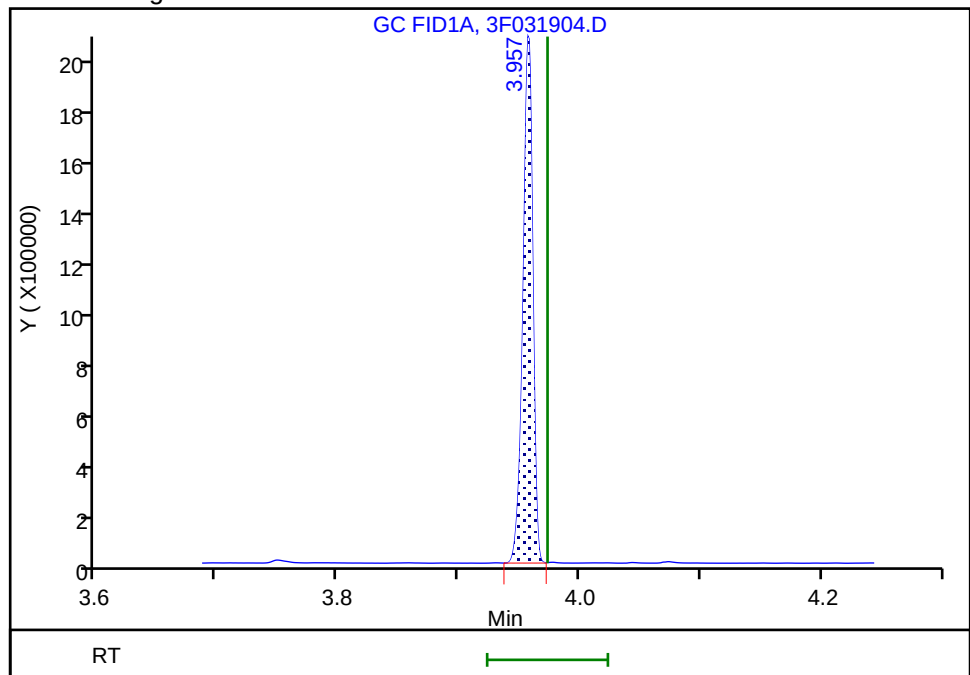
RT: 3.98
Area: 1510
Amount: 0.051714
Amount Units: ug/ml

Processing Integration Results



RT: 3.96
Area: 1130573
Amount: 38.719705
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 04-Oct-2020 11:56:37

Audit Action: Assigned Compound ID

Audit Reason:

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-219430-1

SDG No.:

Instrument ID: CBNAGC3

Start Date: 09/16/2020 13:10

Analysis Batch Number: 724419

End Date: 09/16/2020 18:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-724419/1		09/16/2020 13:10	1		Rtx-Mineral Oil 0.32 (mm)
STD1 460-724419/2 IC		09/16/2020 13:21	1	3F031496.D	Rtx-Mineral Oil 0.32 (mm)
STD2 460-724419/3 IC		09/16/2020 13:32	1	3F031497.D	Rtx-Mineral Oil 0.32 (mm)
STD3 460-724419/4 IC		09/16/2020 13:43	1	3F031498.D	Rtx-Mineral Oil 0.32 (mm)
STD4 460-724419/5 IC		09/16/2020 13:54	1	3F031499.D	Rtx-Mineral Oil 0.32 (mm)
STD5 460-724419/6 IC		09/16/2020 14:05	1	3F031500.D	Rtx-Mineral Oil 0.32 (mm)
ICV 460-724419/7		09/16/2020 14:16	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-724419/8		09/16/2020 14:27	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 14:38	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 14:49	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:00	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:12	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:23	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:34	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:45	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 15:56	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 16:07	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 16:18	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-724419/19		09/16/2020 16:29	1		Rtx-Mineral Oil 0.32 (mm)
CCV 460-724419/20		09/16/2020 16:41	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 16:52	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:03	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:14	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:25	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:36	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:47	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 17:58	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 18:09	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 18:20	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		09/16/2020 18:31	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-724419/31		09/16/2020 18:43	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Instrument ID: CBNAGC3 Start Date: 09/16/2020 13:10Analysis Batch Number: 724419 End Date: 09/16/2020 18:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-724419/32		09/16/2020 18:54	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-219430-1

SDG No.:

Instrument ID: CBNAGC3

Start Date: 10/03/2020 13:36

Analysis Batch Number: 728817

End Date: 10/03/2020 19:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-728817/1		10/03/2020 13:36	1	3F031900.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-728817/2		10/03/2020 14:11	1	3F031901.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-728041/1-A		10/03/2020 14:29	1	3F031902.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-728041/2-A		10/03/2020 14:41	1	3F031903.D	Rtx-Mineral Oil 0.32 (mm)
LCSD 460-728041/3-A		10/03/2020 14:52	1	3F031904.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 15:04	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 15:15	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 15:27	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 15:38	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 15:50	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 16:01	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 16:13	1		Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-728817/13		10/03/2020 16:24	1	3F031912.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-728817/14		10/03/2020 16:36	1	3F031913.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 16:49	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:00	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:12	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:23	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:35	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:46	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		10/03/2020 17:58	1		Rtx-Mineral Oil 0.32 (mm)
460-219430-1	GT-1R	10/03/2020 18:09	1	3F031921.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-2	GT-2R	10/03/2020 18:21	1	3F031922.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-3	GT-3	10/03/2020 18:32	1	3F031923.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-728817/25		10/03/2020 18:44	1	3F031924.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-728817/26		10/03/2020 19:52	1	3F031930.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Instrument ID: CBNAGC3 Start Date: 10/04/2020 10:56Analysis Batch Number: 728954 End Date: 10/04/2020 12:14

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-728954/1		10/04/2020 10:56	1	3F031932.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-728954/2		10/04/2020 11:08	1	3F031933.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-4	GT-4	10/04/2020 11:28	1	3F031934.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-5	GT-5	10/04/2020 11:39	1	3F031935.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-6	GW-DUP	10/04/2020 11:51	1	3F031936.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-728954/6		10/04/2020 12:02	1	3F031937.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-728954/7		10/04/2020 12:14	1	3F031938.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-1

SDG No.: _____

Batch Number: 728041 Batch Start Date: 09/30/20 20:53 Batch Analyst: Silva, JoseBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	OPDROSU 00032	SG 105 mi STD 00017	AnalysisComment
MB 460-728041/1		3510C, 8015D		1000 mL	1 mL	7 SU	2 mL		
LCS 460-728041/2		3510C, 8015D		1000 mL	1 mL	7 SU	2 mL	200 uL	
LCSD 460-728041/3		3510C, 8015D		1000 mL	1 mL	7 SU	2 mL	200 uL	
460-219430-D-1	GT-1R	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Double surrogate possible, Added by Dhana
460-219430-D-2	GT-2R	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Added by Dhana
460-219430-D-3	GT-3	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Added by Dhana
460-219430-D-4	GT-4	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Added by Dhana
460-219430-E-5	GT-5	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Added by Dhana
460-219430-D-6	GW-DUP	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 mL		Added by Dhana

Batch Notes	
Batch Comment	3510C Mineral Spirit
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	Jose
Method/Fraction	Mineral Spirit
Prep Solvent ID	MeCL2 / 253777
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	Jose
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Boston
#215

Chain of Custody Record

Client Information Client Contact: Mr. Steve Fleming, P.E. Company: Safety-Kleen Systems, Inc. Address: 4120 Thunderbird Ln City: Fairfield State, Zip: OH, 45014 Phone: 513-956-2172(Tel) 513-563-1645(Fax) Email: stephen.fleming@safety-keen.com Project Name: 2020 Safety-Kleen Thornwood Site: 27 St. Charles St., Thornwood, N.Y.		Lab PM: Flannery, Elizabeth J E-Mail: Elizabeth.Flannery@Eurofinset.com Phone: 781-247-3466 Due Date Requested: TAT Requested (days): PO #: W190333217 WO #: Project #: 46008952 SSOW#: Date: 9/25/20		Carrier Tracking No(s): 460-132255-80787-1 Page: Page 1 of 1 Job #: 219430	
Preservation Codes: A - HCL B - NaOH C - Zn Acetate M - Hexane N - None O - AsNaO2 P - Na2O4S S - SO3 SO4 P Dodecahydrate atone CAA JH 4-5 ther (specify)		Analysis Requested 8260C - 8260C VOC 8015D_ID - Hydrocarbon Product Identification (GC) 8260C - OLMO4.2 Compound List 8015D_ID - Mineral Spirits Range Organics			
Sample Identification GT-1R GT-2R GT-3 GT-4 GT-5 GW-DUP Trip Blank		Sample Date 9/25 1830 1930 2030 2130 1200 Lab Supplied		Sample Time 2230 1830 1930 2030 2130 1200 Lab Supplied	
Matrix (W=water, S=solid, O=waste oil, BT=Tissue, A=Air) Water Water Water Water Water Water Water Water		Preservation Code G G G G G G G G		Field Filtered Sample (Yes or No) Yes Yes Yes Yes Yes Yes Yes Yes	
Perform MS/MSD (Yes or No) Yes Yes Yes Yes Yes Yes Yes Yes		8260C - 8260C VOC 8015D_ID - Hydrocarbon Product Identification (GC) 8260C - OLMO4.2 Compound List 8015D_ID - Mineral Spirits Range Organics		Total Number of containers 5 1 3 4 5 6 7	
Special Instructions/Note: Other:		Special Instructions/Note: Other:			
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:					
Empty Kit Relinquished by:					
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)					
Date: 9/26/20 @ 1130 Received by: [Signature] Company: CHES					
Date: 9/26/20 @ 1200 Received by: [Signature] Company: CHES					
Date: 9/28/20 @ 10:00 Received by: [Signature] Company: CHES					
Custody Seal No.: Yes ☐ No ☐					

Job Number:

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW		CORRECTED				
	RAW	CORRECTED	RAW	CORRECTED			
Cooler #1:	5.8	°C	Cooler #4:	6.0°C	Cooler #7:	°C	°C
Cooler #2:	4.5	°C	Cooler #5:	°C	Cooler #8:	°C	°C
Cooler #3:	5.3	°C	Cooler #6:	°C	Cooler #9:	°C	°C

[illegible]

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:

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-219430-1

Login Number: 219430
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: 460-219430-3

Job Description: Safety-Kleen Thornwood

For:

Safety-Kleen Systems, Inc
4120 Thunderbird Ln
Fairfield, OH 45014

Attention: Mr. Steve Fleming, P.E.



Approved for release.
Elizabeth J Flannery
Project Manager I
12/11/2020 4:11 PM

Elizabeth J Flannery, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(732)549-3900
Elizabeth.Flannery@Eurofinset.com
12/11/2020

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 TestAmerica Edison Project Manager.

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

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: Safety-Kleen Systems, Inc

Project: Safety-Kleen Thornwood

Report Number: 460-219430-3

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 9/29/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 4.5° C, 5.3° C, 5.8° C and 6.0° C.

Receipt Exceptions

Technical and Operational Guidance Series subpart 1.1.1 (The New York State Ambient Water Quality Standards and Guidance Values) references a class GA standard of 0.04 ug/L for 1,2-dibromo-3-Chloropropane and 1,2,3-Trichloropropane, and 0.2 ug/L for trans-1,3-Dichloropropene. The laboratory is unable to meet this standard by reporting to their established reporting limit (RL) or method detection limit (MDL).

The following analytes are included in this report but certification is not offered by the governing authority: Mineral Spirits

The following samples were activated for Mineral Spirits with Silica Gel Cleanup by the client past hold time: GT-2R (460-219430-2), GT-3 (460-219430-3) and GW-DUP (460-219430-6)

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.

MINERAL RANGE ORGANICS (MRO)

Samples GT-2R (460-219430-2), GT-3 (460-219430-3) and GW-DUP (460-219430-6) were analyzed for Mineral Range Organics (MRO) in accordance with EPA SW-846 Method 8015D_ID. The samples were prepared on 12/10/2020 and analyzed on 12/11/2020.

No difficulties were encountered during the MRO analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-219430-2	GT-2R	Water	09/25/20 18:30	09/29/20 09:30	
460-219430-3	GT-3	Water	09/25/20 19:30	09/29/20 09:30	
460-219430-6	GW-DUP	Water	09/25/20 12:00	09/29/20 09:30	

Detection Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Client Sample ID: GT-2RLab Sample ID: 460-219430-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mineral Spirits	21	H	13	2.5	ug/L	1			8015D	Total/NA

Client Sample ID: GT-3Lab Sample ID: 460-219430-3

No Detections.

Client Sample ID: GW-DUPLab Sample ID: 460-219430-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mineral Spirits	19	H	13	2.5	ug/L	1			8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Method	Method Description	Protocol	Laboratory
8015D	Hydrocarbon Product Identification (GC)	SW846	TAL EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Client Sample ID: GT-2R

Date Collected: 09/25/20 18:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-2

Matrix: Water

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	21	H	13	2.5	ug/L		12/10/20 12:22	12/11/20 10:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	111		38 - 149				12/10/20 12:22	12/11/20 10:01	1

Client Sample ID: GT-3

Date Collected: 09/25/20 19:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-3

Matrix: Water

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U H	13	2.5	ug/L		12/10/20 12:22	12/11/20 10:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	116		38 - 149				12/10/20 12:22	12/11/20 10:12	1

Client Sample ID: GW-DUP

Date Collected: 09/25/20 12:00

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-6

Matrix: Water

Method: 8015D - Hydrocarbon Product Identification (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	19	H	13	2.5	ug/L		12/10/20 12:22	12/11/20 10:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl	123		38 - 149				12/10/20 12:22	12/11/20 10:24	1

Surrogate Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Method: 8015D - Hydrocarbon Product Identification (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTPH (38-149)							
460-219430-2	GT-2R	111							
460-219430-3	GT-3	116							
460-219430-6	GW-DUP	123							
LCS 460-745926/2-A	Lab Control Sample	79							
LCSD 460-745926/3-A	Lab Control Sample Dup	79							
MB 460-745926/1-A	Method Blank	96							

Surrogate Legend

OTPH = o-Terphenyl

QC Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Method: 8015D - Hydrocarbon Product Identification (GC)

Lab Sample ID: MB 460-745926/1-A

Matrix: Water

Analysis Batch: 746179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mineral Spirits	13	U	13	2.5	ug/L		12/10/20 12:22	12/11/20 10:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		38 - 149				12/10/20 12:22	12/11/20 10:58	1

Lab Sample ID: LCS 460-745926/2-A

Matrix: Water

Analysis Batch: 746179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mineral Spirits	5000	4830		ug/L		97	50 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	79		38 - 149				

Lab Sample ID: LCSD 460-745926/3-A

Matrix: Water

Analysis Batch: 746179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 745926

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD	Limit
Mineral Spirits	5000	4640		ug/L		93	50 - 130	4	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	79		38 - 149						

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	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: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

GC Semi VOA

Prep Batch: 745926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-2	GT-2R	Total/NA	Water	3510C	
460-219430-3	GT-3	Total/NA	Water	3510C	
460-219430-6	GW-DUP	Total/NA	Water	3510C	
MB 460-745926/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-745926/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-745926/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 746179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219430-2	GT-2R	Total/NA	Water	8015D	745926
460-219430-3	GT-3	Total/NA	Water	8015D	745926
460-219430-6	GW-DUP	Total/NA	Water	8015D	745926
MB 460-745926/1-A	Method Blank	Total/NA	Water	8015D	745926
LCS 460-745926/2-A	Lab Control Sample	Total/NA	Water	8015D	745926
LCSD 460-745926/3-A	Lab Control Sample Dup	Total/NA	Water	8015D	745926

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Client Sample ID: GT-2R

Date Collected: 09/25/20 18:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			745926	12/10/20 12:22	JMS	TAL EDI
Total/NA	Analysis	8015D		1	746179	12/11/20 10:01	KMH	TAL EDI

Client Sample ID: GT-3

Date Collected: 09/25/20 19:30

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			745926	12/10/20 12:22	JMS	TAL EDI
Total/NA	Analysis	8015D		1	746179	12/11/20 10:12	KMH	TAL EDI

Client Sample ID: GW-DUP

Date Collected: 09/25/20 12:00

Date Received: 09/29/20 09:30

Lab Sample ID: 460-219430-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			745926	12/10/20 12:22	JMS	TAL EDI
Total/NA	Analysis	8015D		1	746179	12/11/20 10:24	KMH	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: Safety-Kleen Thornwood

Job ID: 460-219430-3

Laboratory: Eurofins TestAmerica, Edison

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
8015D	3510C	Water	Mineral Spirits

8015D_ID

Hydrocarbon Product Identification
(GC)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison

Job No.: 460-219430-3

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtx-Mineral ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	OTPH #
GT-2R	460-219430-2	111
GT-3	460-219430-3	116
GW-DUP	460-219430-6	123
	MB 460-745926/1-A	96
	LCS 460-745926/2-A	79
	LCSD 460-745926/3-A	79

OTPH = o-Terphenyl

QC LIMITS
38-149

Column to be used to flag recovery values

FORM II 8015D

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 3F032964.D
Lab ID: LCS 460-745926/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Mineral Spirits	5000	4830	97	50-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3

SDG No.: _____

Matrix: Water Level: Low Lab File ID: 3F032975.D

Lab ID: LCSD 460-745926/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Mineral Spirits	5000	4640	93	4	30	50-130	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Lab File ID: 3F032963.D Lab Sample ID: MB 460-745926/1-A
Matrix: Water Date Extracted: 12/10/2020 12:22
Instrument ID: CBNAGC3 Date Analyzed: 12/11/2020 10:58
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GT-2R	460-219430-2	3F032960.D	12/11/2020 10:01
GT-3	460-219430-3	3F032961.D	12/11/2020 10:12
GW-DUP	460-219430-6	3F032962.D	12/11/2020 10:24
	LCS 460-745926/2-A	3F032964.D	12/11/2020 11:09
	LCSD 460-745926/3-A	3F032975.D	12/11/2020 13:30

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: GT-2R Lab Sample ID: 460-219430-2
 Matrix: Water Lab File ID: 3F032960.D
 Analysis Method: 8015D Date Collected: 09/25/2020 18:30
 Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 10:01
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	21	H	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	111		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032960.D
 Lims ID: 460-219430-D-2-B
 Client ID: GT-2R
 Sample Type: Client
 Inject. Date: 11-Dec-2020 10:01:31 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 12:50:55 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 11:09:30

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.033 (1.251-2.860) 1369868 20.9

\$ 2 o-Terphenyl

3.953 3.951 0.002 1172125 22.2 a

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032960.D

Injection Date: 11-Dec-2020 10:01:31

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-2-B

Lab Sample ID: 460-219430-2

Client ID: GT-2R

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 5

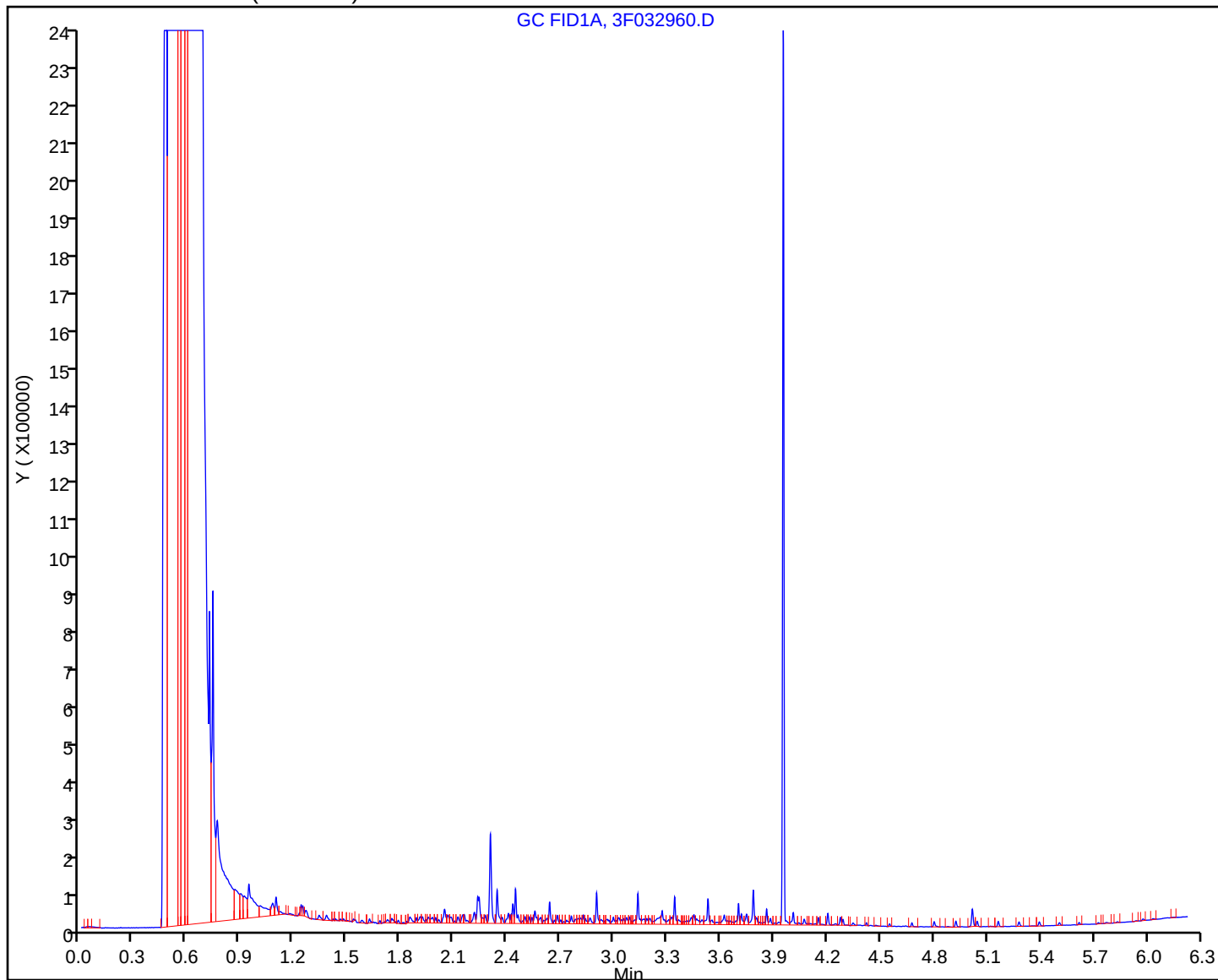
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

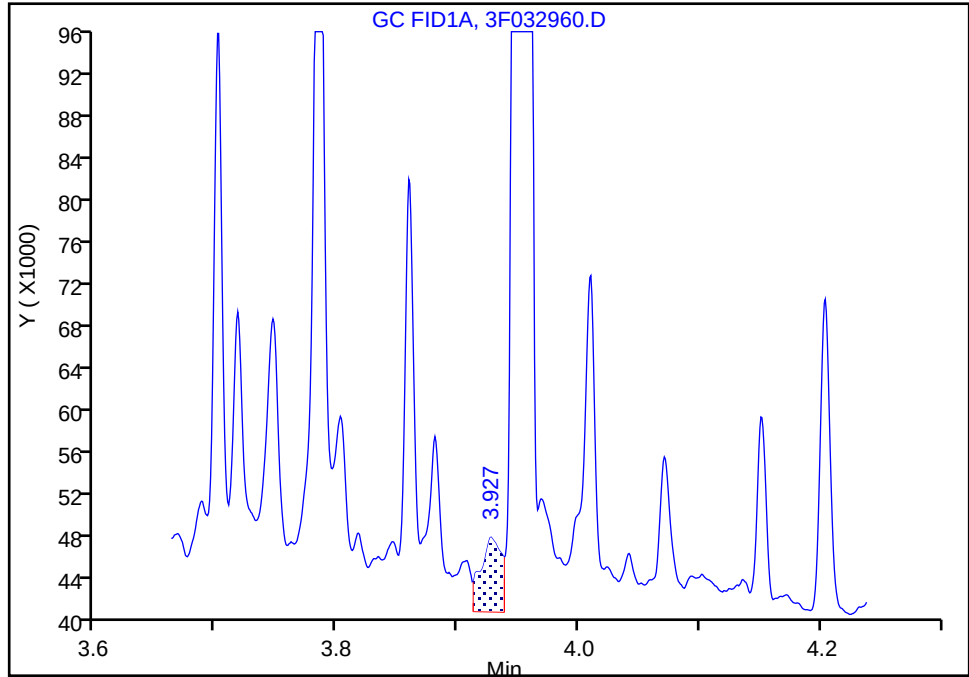
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032960.D		
Injection Date:	11-Dec-2020 10:01:31	Instrument ID:	CBNAGC3
Lims ID:	460-219430-D-2-B	Lab Sample ID:	460-219430-2
Client ID:	GT-2R		
Operator ID:	615	ALS Bottle#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	MS3F	Limit Group:	GC 8015C DRO ICAL
Column:	Rtx Mineral Oil (0.32 mm)	Detector:	GC FID1A
		Worklist Smp#:	5

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

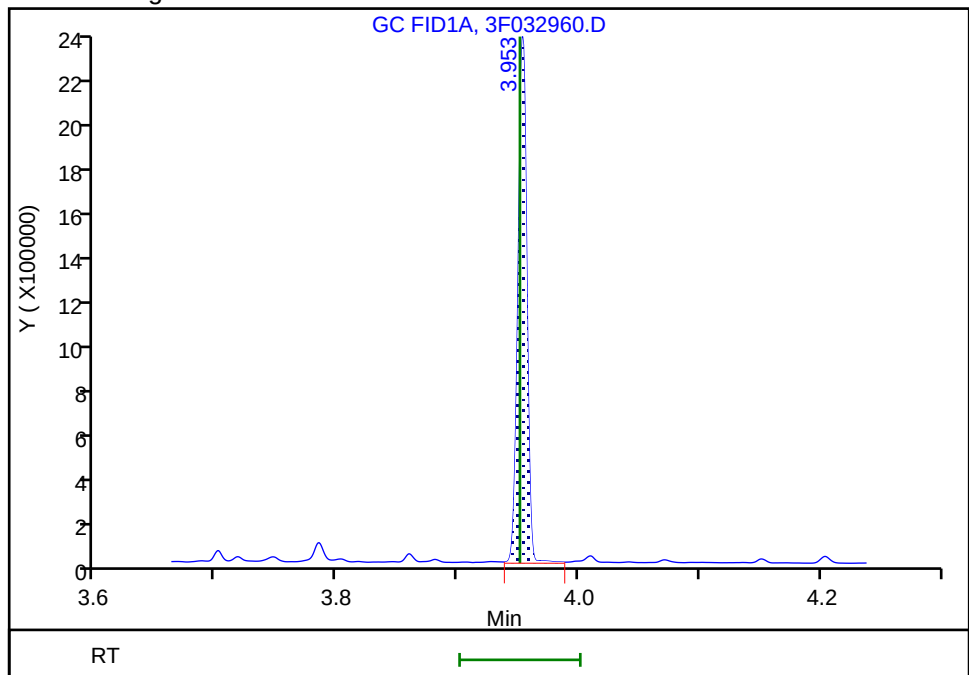
RT: 3.93
Area: 8200
Amount: 0.155536
Amount Units: ug/ml

Processing Integration Results



RT: 3.95
Area: 1172125
Amount: 22.232677
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 11-Dec-2020 11:09:28

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: GT-3 Lab Sample ID: 460-219430-3
 Matrix: Water Lab File ID: 3F032961.D
 Analysis Method: 8015D Date Collected: 09/25/2020 19:30
 Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 10:12
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U H	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	116		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032961.D
Lims ID: 460-219430-D-3-B
Client ID: GT-3
Sample Type: Client
Inject. Date: 11-Dec-2020 10:12:43 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-006
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 12:50:55 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 12:50:21

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl
3.965 3.951 0.014 1222276 23.2

QC Flag Legend

Processing Flags

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032961.D

Injection Date: 11-Dec-2020 10:12:43

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-3-B

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 6

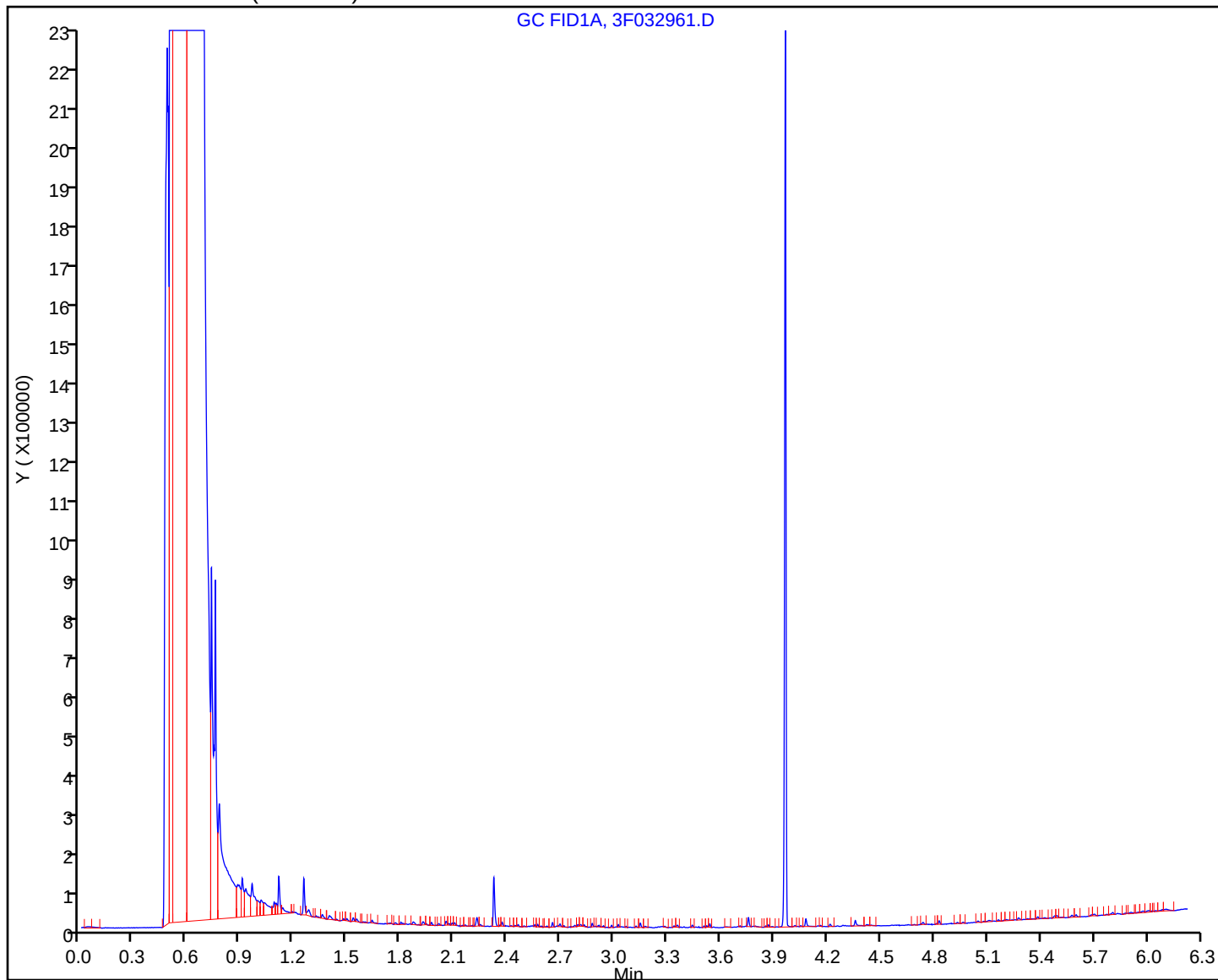
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032961.D

Injection Date: 11-Dec-2020 10:12:43

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-3-B

Lab Sample ID: 460-219430-3

Client ID: GT-3

Operator ID: 615

ALS Bottle#: 6 Worklist Smp#: 6

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

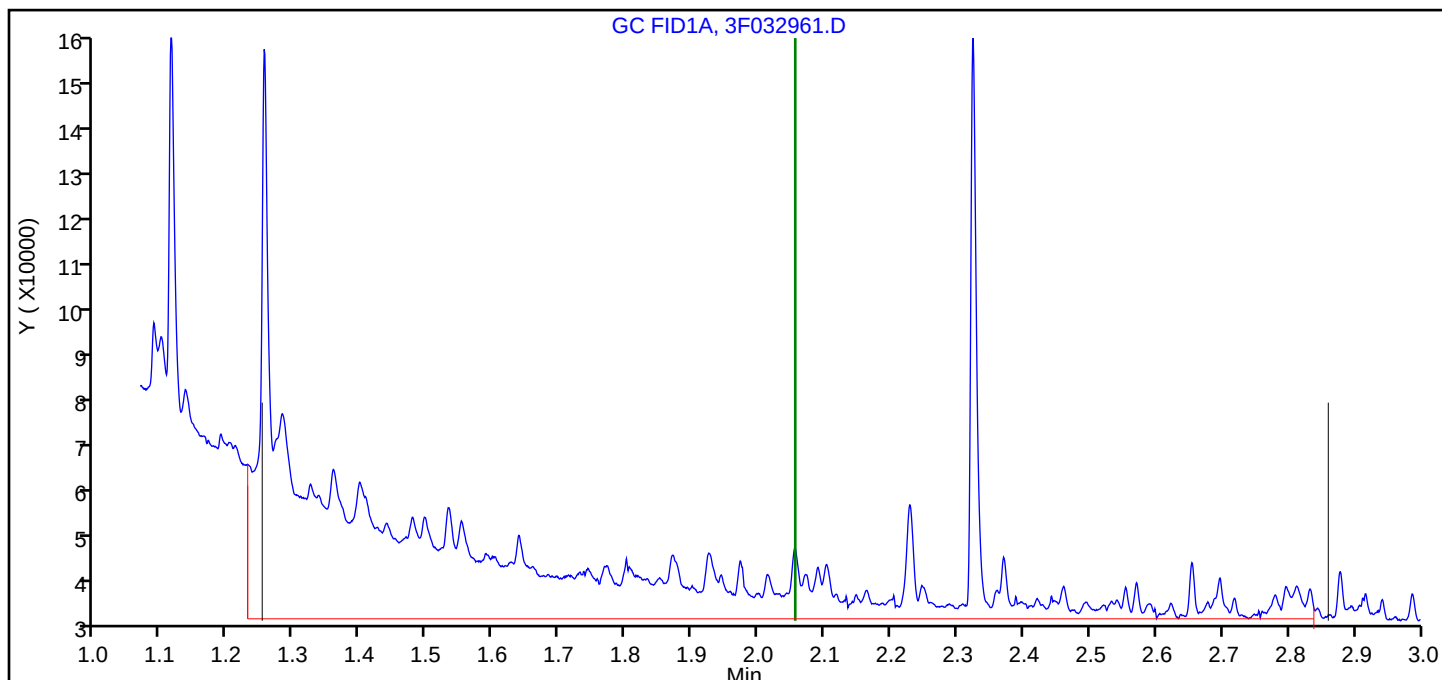
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.06	2.03	1072544	16.370226

Reviewer: hamzik, 11-Dec-2020 12:50:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: GW-DUP Lab Sample ID: 460-219430-6
 Matrix: Water Lab File ID: 3F032962.D
 Analysis Method: 8015D Date Collected: 09/25/2020 12:00
 Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 10:24
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	19	H	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032962.D
 Lims ID: 460-219430-D-6-B
 Client ID: GW-DUP
 Sample Type: Client
 Inject. Date: 11-Dec-2020 10:24:19 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-007
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 12:50:55 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 12:50:32

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.056 (1.251-2.860) 1275429 19.5

\$ 2 o-Terphenyl

3.966 3.951 0.015 1296771 24.6

QC Flag Legend

Processing Flags

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032962.D

Injection Date: 11-Dec-2020 10:24:19

Instrument ID: CBNAGC3

Lims ID: 460-219430-D-6-B

Lab Sample ID: 460-219430-6

Client ID: GW-DUP

Operator ID: 615

ALS Bottle#: 7 Worklist Smp#: 7

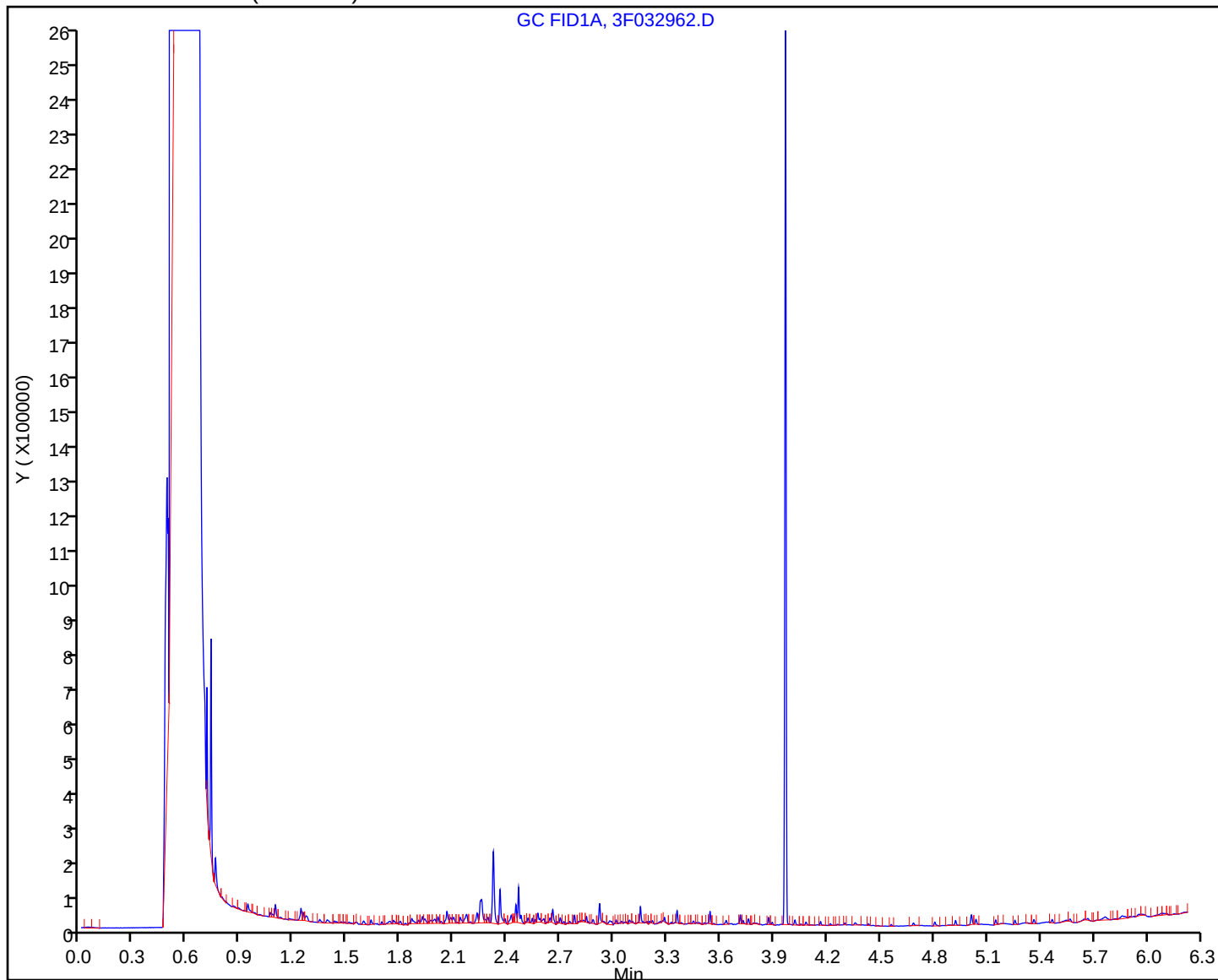
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3 Analy Batch No.: 744811

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2020 10:07 Calibration End Date: 12/06/2020 11:09 Calibration ID: 83056

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-744811/2	3F032864.D
Level 2	STD2 460-744811/3	3F032865.D
Level 3	STD3 460-744811/4	3F032866.D
Level 4	STD4 460-744811/5	3F032867.D
Level 5	STD5 460-744811/6	3F032868.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Mineral Spirits	2.085	2.085	2.085	2.085	2.085						1.281 - 2.890	2.085
o-Terphenyl	3.969	3.968	3.981	3.979	3.982						3.931 - 4.031	3.976

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3 Analy Batch No.: 744811

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2020 10:07 Calibration End Date: 12/06/2020 11:09 Calibration ID: 83056

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-744811/2	3F032864.D
Level 2	STD2 460-744811/3	3F032865.D
Level 3	STD3 460-744811/4	3F032866.D
Level 4	STD4 460-744811/5	3F032867.D
Level 5	STD5 460-744811/6	3F032868.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Mineral Spirits	74033 64750	63974	62366	62467	Ave		65517.9728				7.4		20.0			
o-Terphenyl	58578 55811	52377	50578	46259	Ave		52720.8210				9.0		20.0			

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

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3 Analy Batch No.: 744811

SDG No.: _____

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2020 10:07 Calibration End Date: 12/06/2020 11:09 Calibration ID: 83056

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-744811/2	3F032864.D
Level 2	STD2 460-744811/3	3F032865.D
Level 3	STD3 460-744811/4	3F032866.D
Level 4	STD4 460-744811/5	3F032867.D
Level 5	STD5 460-744811/6	3F032868.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Mineral Spirits	Ave	3701643	31986908	62365942	156168110	323750011	50.0	500	1000	2500	5000
o-Terphenyl	Ave	117156	1047546	2023115	4625944	11162298	2.00	20.0	40.0	100	200

Curve Type Legend:

Ave = Average

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032864.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 06-Dec-2020 10:07:53 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121155-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 10-Dec-2020 17:46:54 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1641

First Level Reviewer: hamzik

Date: 06-Dec-2020 11:05:54

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 2.085 (1.281-2.890) 3701643 50.0 56.5 M
 \$ 2 o-Terphenyl
 3.969 3.981 -0.012 117156 2.00 2.22

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG105MinL1_00019

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032864.D

Injection Date: 06-Dec-2020 10:07:53

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

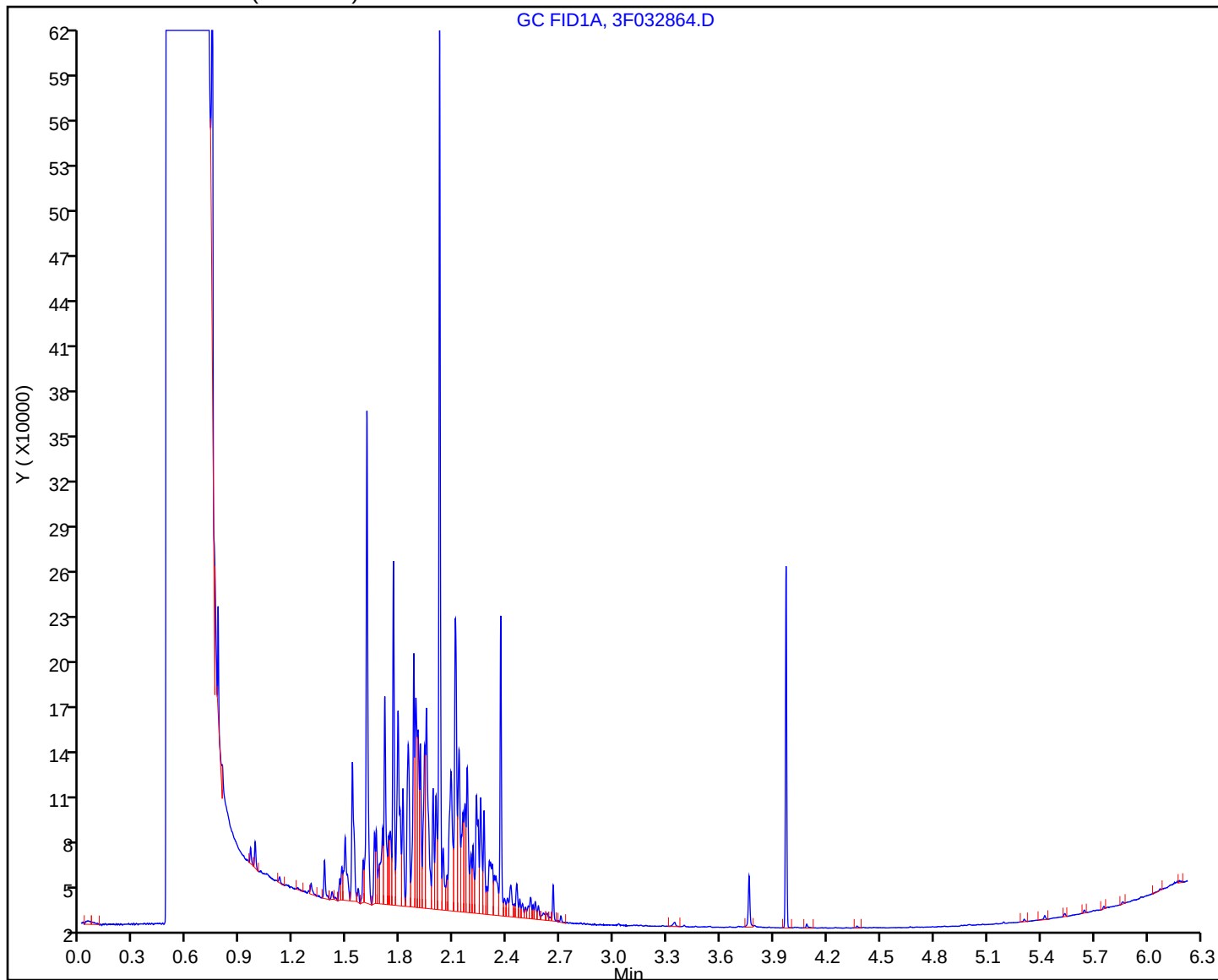
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032864.D

Injection Date: 06-Dec-2020 10:07:53

Instrument ID: CBNAGC3

Lims ID: STD1

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

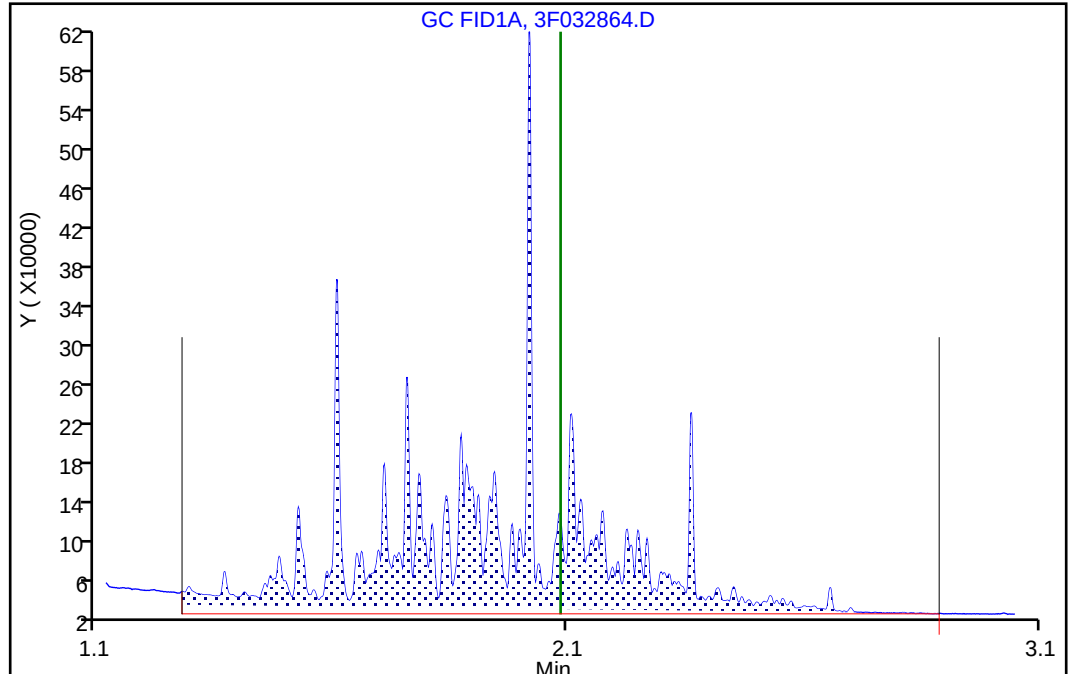
Detector: GC FID1A

A 1 Mineral Spirits, RT: 2.085, CAS: 64475-85-0

Signal: 1

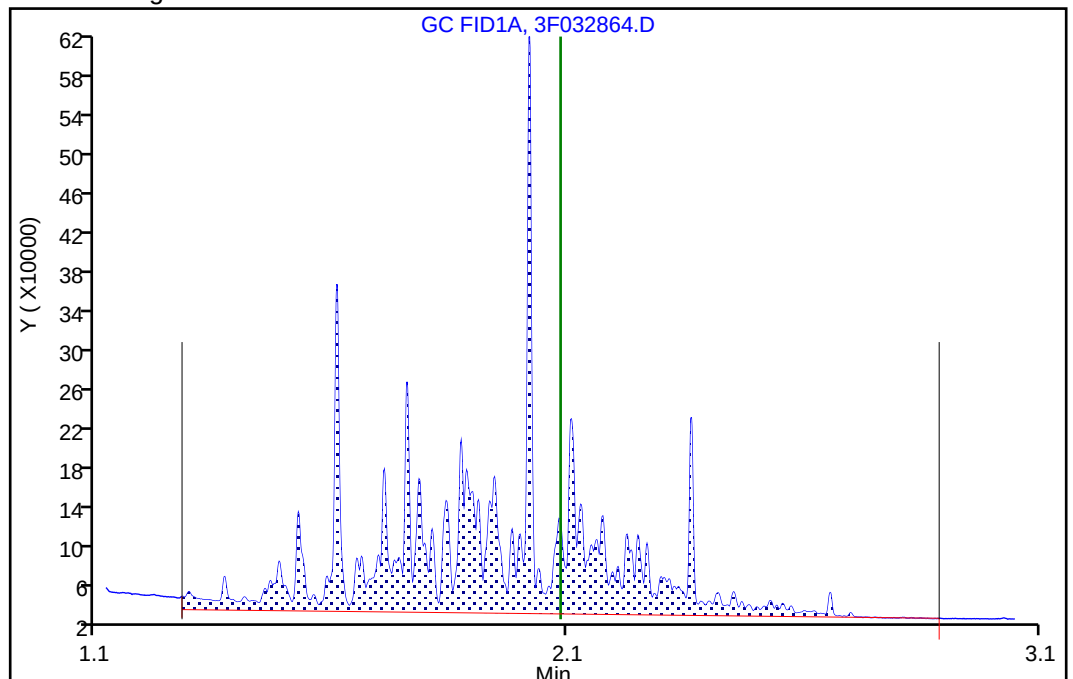
RT: 2.09
Response: 4161703
Amount: 13.658871

Processing Integration Results



RT: 2.09
Response: 3701643
Amount: 56.498131

Manual Integration Results



Reviewer: hamzik, 06-Dec-2020 11:20:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032865.D
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 06-Dec-2020 10:22:53 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121155-003
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 10-Dec-2020 17:46:54 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1641

First Level Reviewer: hamzik

Date: 06-Dec-2020 11:06:42

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits M
 2.085 (1.281-2.890) 31986908 500.0 488.2 M
 \$ 2 o-Terphenyl
 3.968 3.981 -0.013 1047546 20.0 19.9

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG105MinL2_00015

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032865.D

Injection Date: 06-Dec-2020 10:22:53

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 3

Worklist Smp#: 3

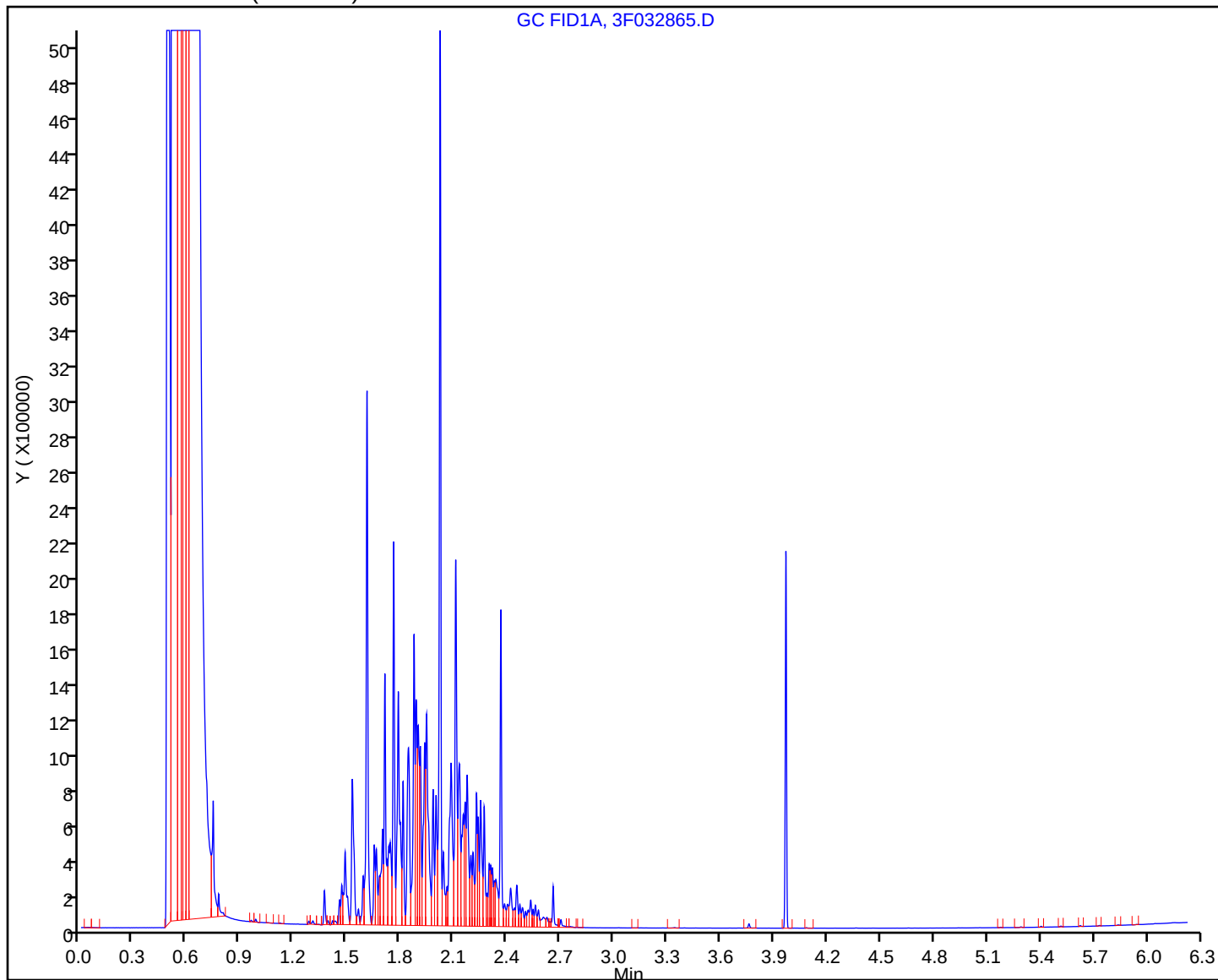
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032865.D

Injection Date: 06-Dec-2020 10:22:53

Instrument ID: CBNAGC3

Lims ID: STD2

Client ID:

Operator ID: 615

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

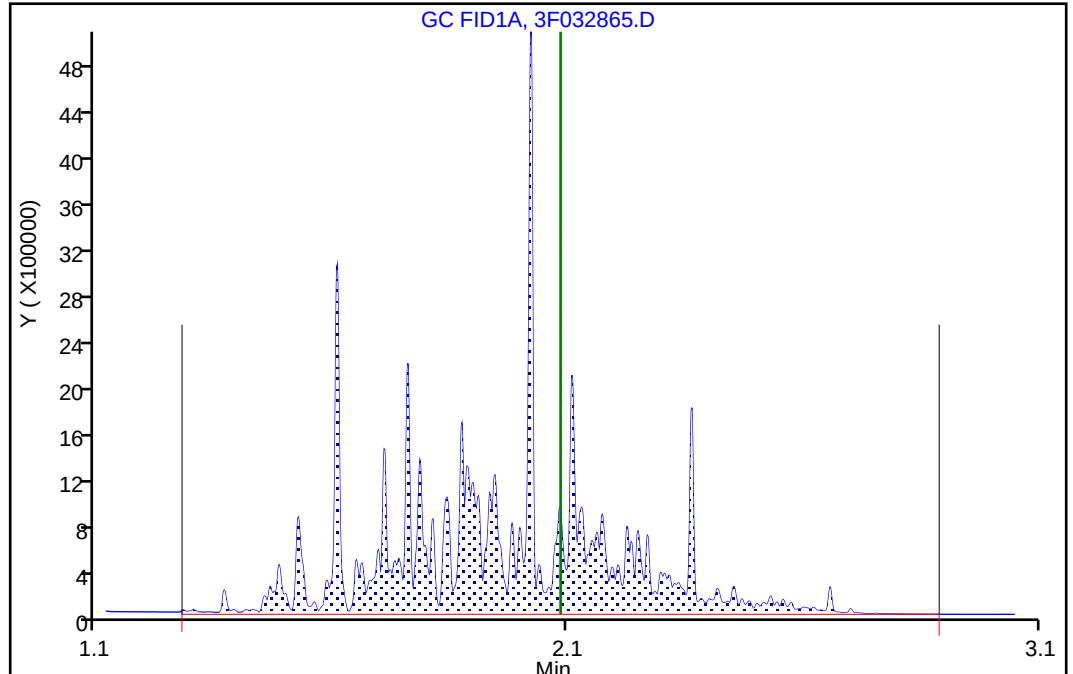
Detector: GC FID1A

A 1 Mineral Spirits, RT: 2.085, CAS: 64475-85-0

Signal: 1

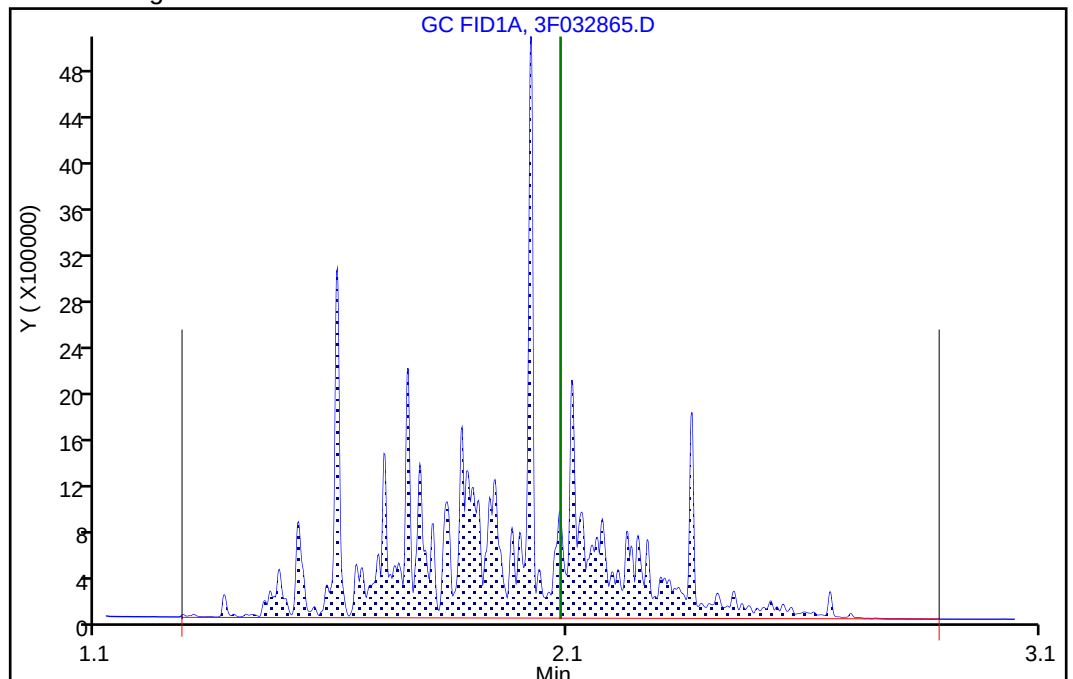
RT: 2.09
Response: 32836548
Amount: 108.4257

Processing Integration Results



RT: 2.09
Response: 31986908
Amount: 488.2158

Manual Integration Results



Reviewer: hamzik, 06-Dec-2020 11:21:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032866.D
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 06-Dec-2020 10:37:48 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121155-004
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 10-Dec-2020 17:46:55 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1641

First Level Reviewer: hamzik

Date: 06-Dec-2020 11:05:19

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.085 (1.281-2.890) 62365942 1000.0 951.9

\$ 2 o-Terphenyl

M

3.981 3.981 0.000 2023115 40.0 38.4 M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SG105MinL3_00016

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032866.D

Injection Date: 06-Dec-2020 10:37:48

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#: 4

Worklist Smp#: 4

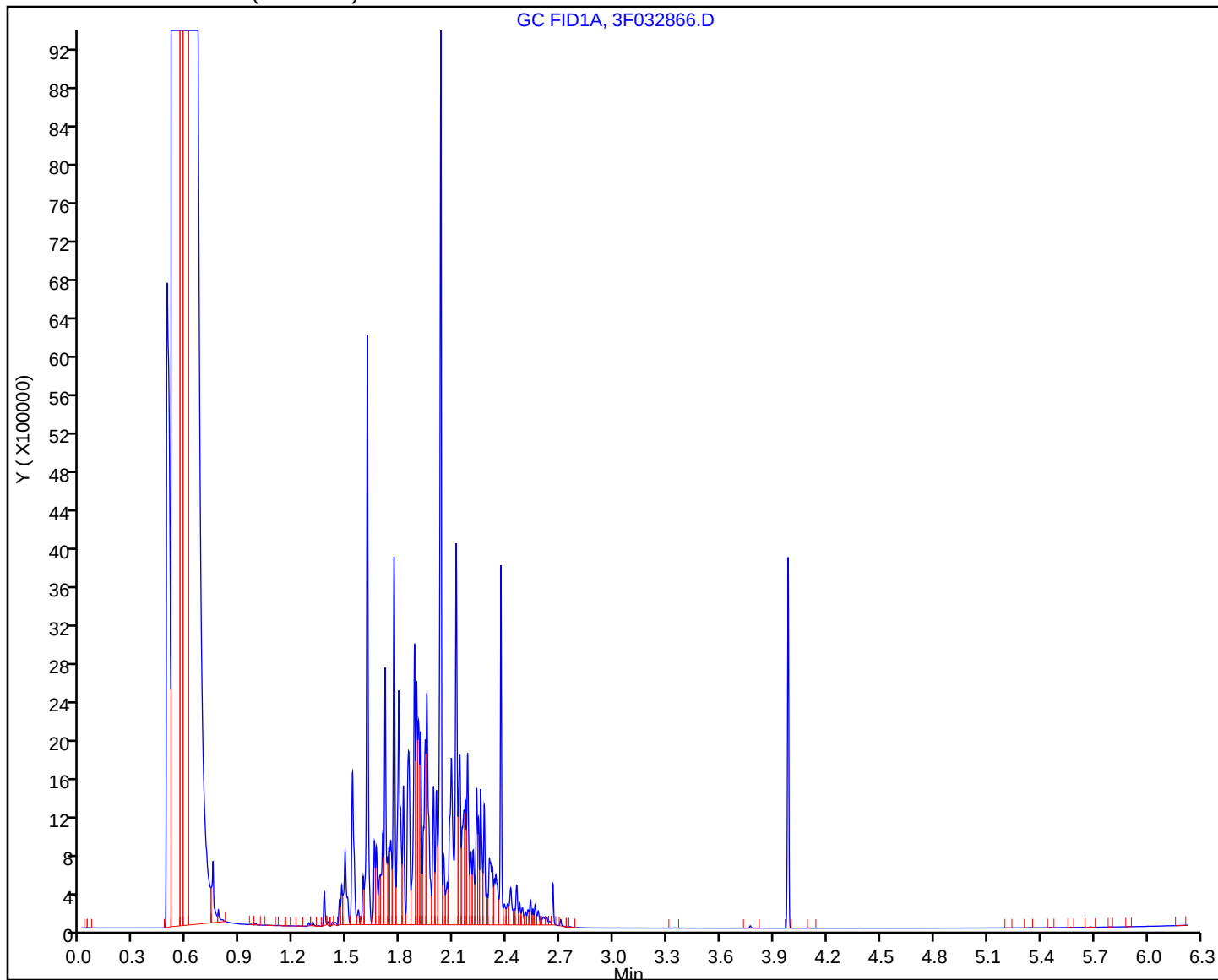
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032866.D

Injection Date: 06-Dec-2020 10:37:48

Instrument ID: CBNAGC3

Lims ID: STD3

Client ID:

Operator ID: 615

ALS Bottle#:

4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

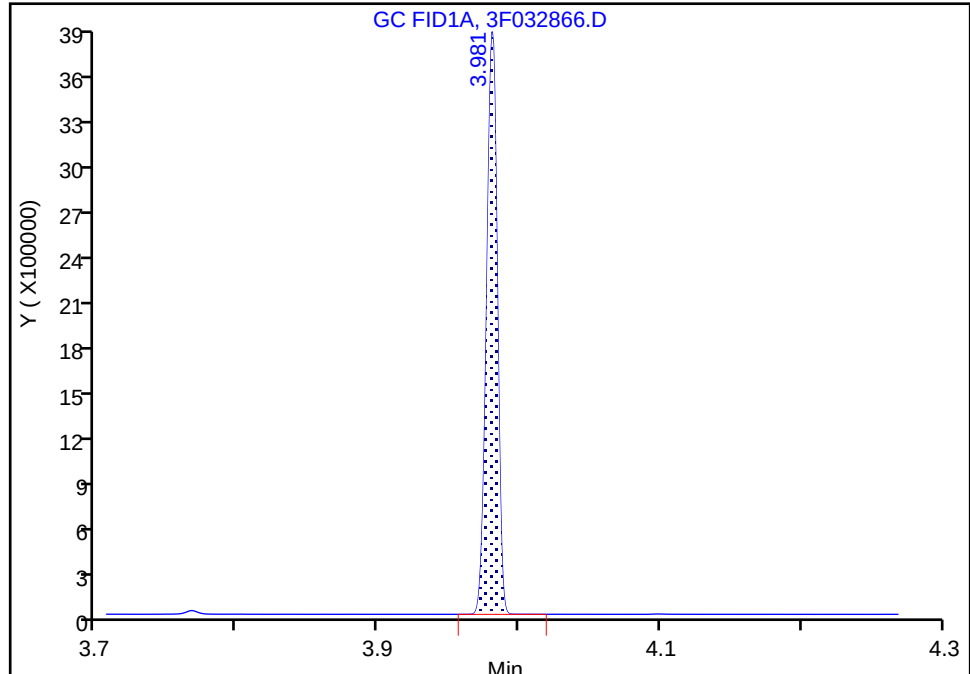
Detector: GC FID1A

\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

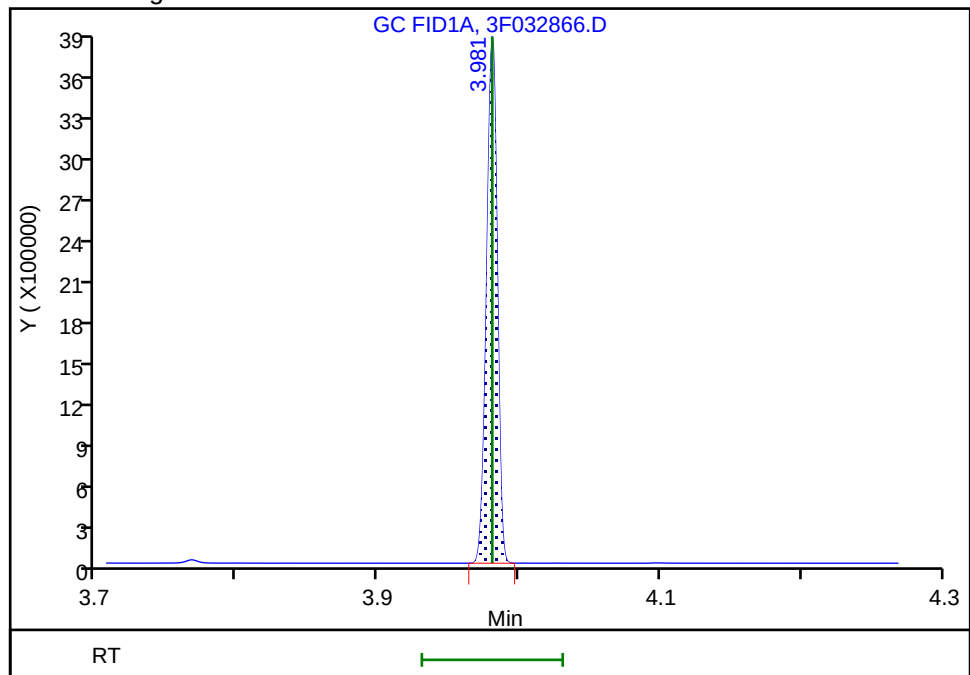
RT: 3.98
Area: 2024250
Amount: 8.261225
Amount Units: ug/ml

Processing Integration Results



RT: 3.98
Area: 2023115
Amount: 38.374118
Amount Units: ug/ml

Manual Integration Results



Reviewer: hamzik, 06-Dec-2020 11:23:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032867.D
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 06-Dec-2020 10:53:36 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121155-005
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 10-Dec-2020 17:46:55 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1641

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.085	(1.281-2.890)	156168110	2500.0	2383.6

\$ 2 o-Terphenyl

3.979	3.981	-0.002	4625944	100.0	87.7

Reagents:

SG105MinL4_00014

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032867.D

Injection Date: 06-Dec-2020 10:53:36

Instrument ID: CBNAGC3

Lims ID: STD4

Client ID:

Operator ID: 615

ALS Bottle#: 5

Worklist Smp#: 5

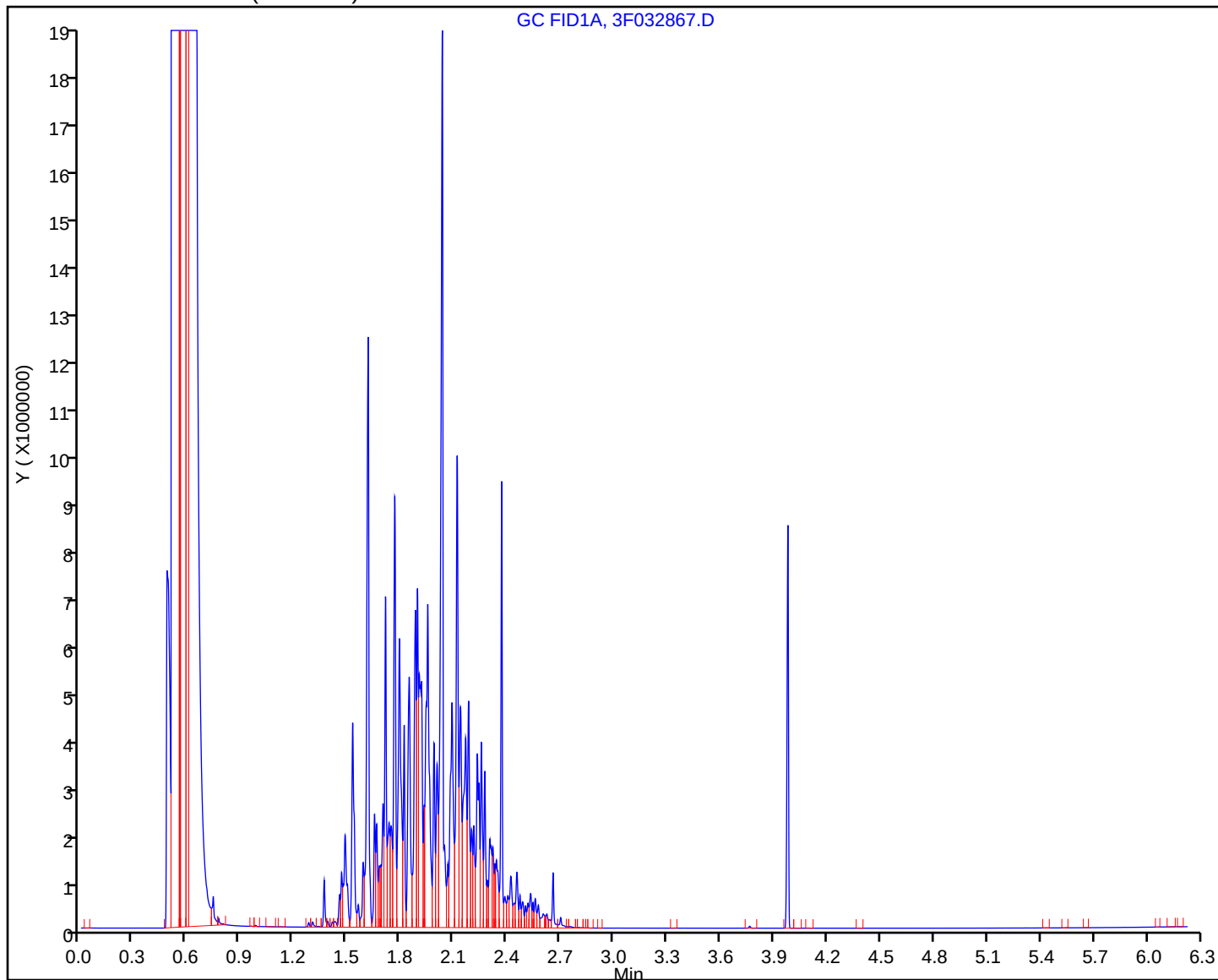
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 06-Dec-2020 11:09:19 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121155-006
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 10-Dec-2020 17:46:56 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1641

First Level Reviewer: hamzik

Date: 06-Dec-2020 11:19:40

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.085	(1.281-2.890)	323750011	5000.0	4941.4

\$ 2 o-Terphenyl

3.982	3.981	0.001	11162298	200.0	211.7

Reagents:

SG105MinL5_00017

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D

Injection Date: 06-Dec-2020 11:09:19

Instrument ID: CBNAGC3

Lims ID: STD5

Client ID:

Operator ID: 615

ALS Bottle#: 6

Worklist Smp#: 6

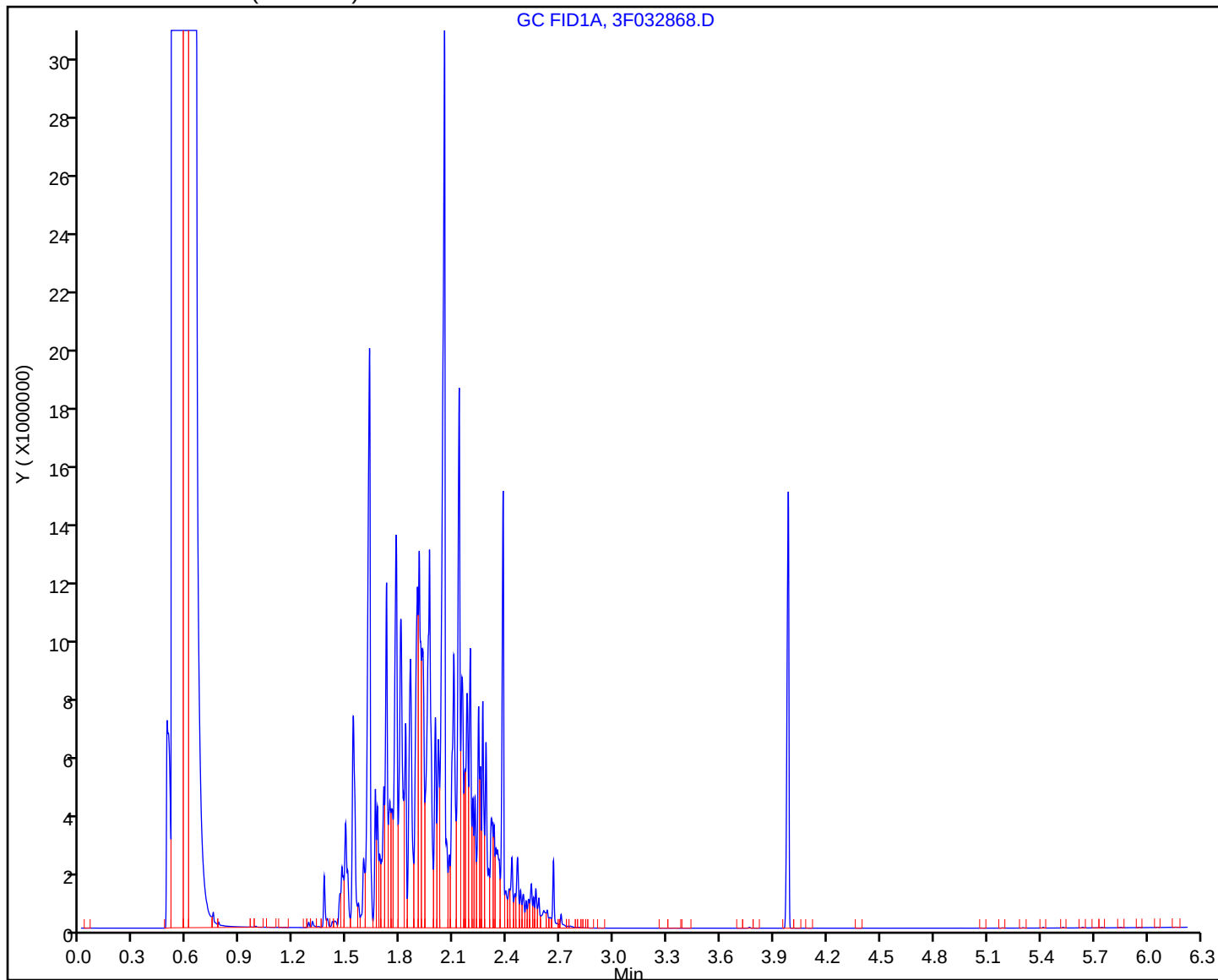
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Calibration

/ Mineral Spirits

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

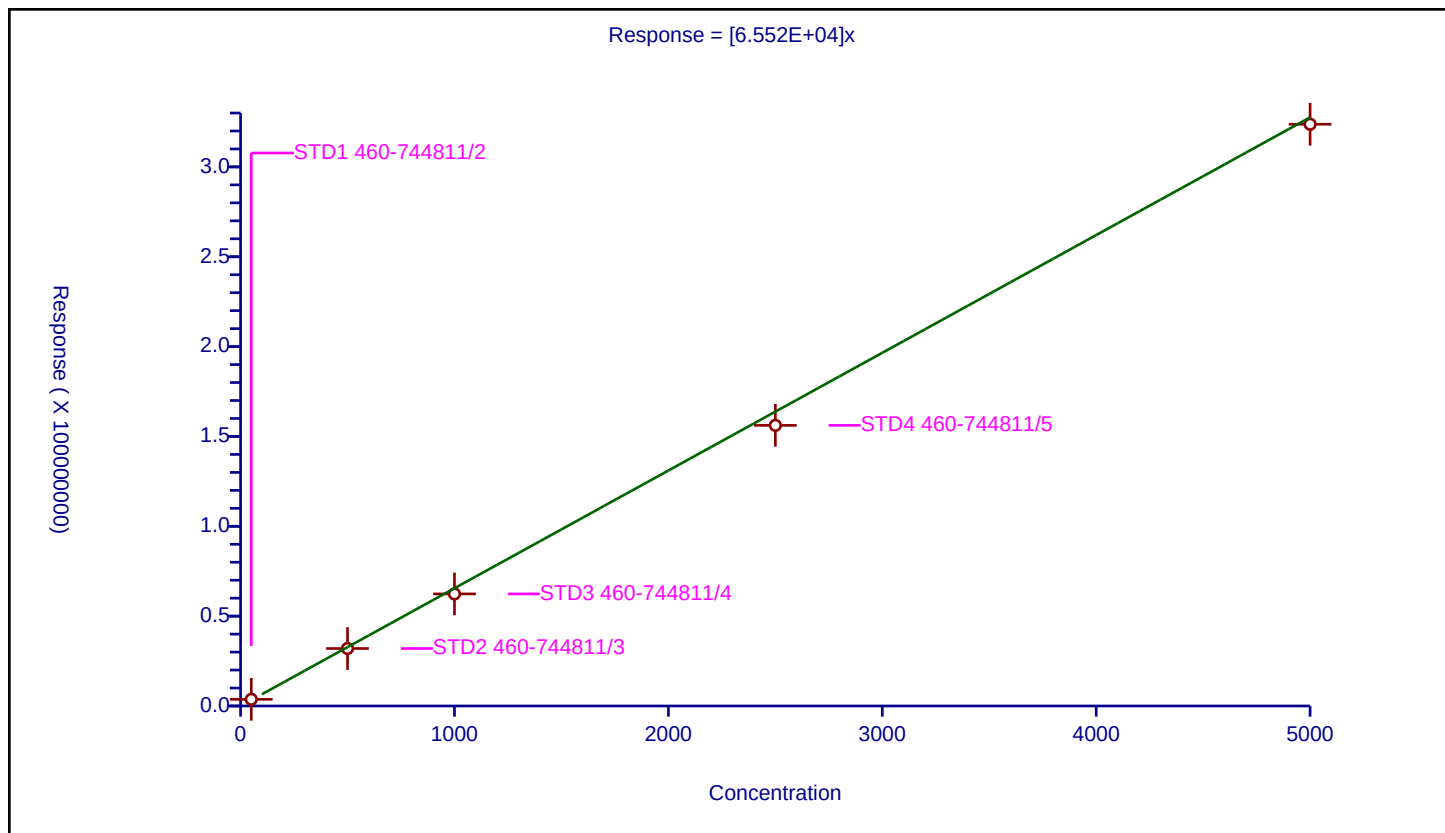
Curve Coefficients

Intercept: 0
Slope: 6.552E+04

Error Coefficients

Standard Error: 4570000
Relative Standard Error: 7.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-744811/2	50.0	3701643.0			74032.86	Y
2	STD2 460-744811/3	500.0	31986908.0			63973.816	Y
3	STD3 460-744811/4	1000.0	62365942.0			62365.942	Y
4	STD4 460-744811/5	2500.0	156168110.0			62467.244	Y
5	STD5 460-744811/6	5000.0	323750011.0			64750.0022	Y



Calibration

/ o-Terphenyl

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ESTD
Response Base: AREA
RF Rounding: 0

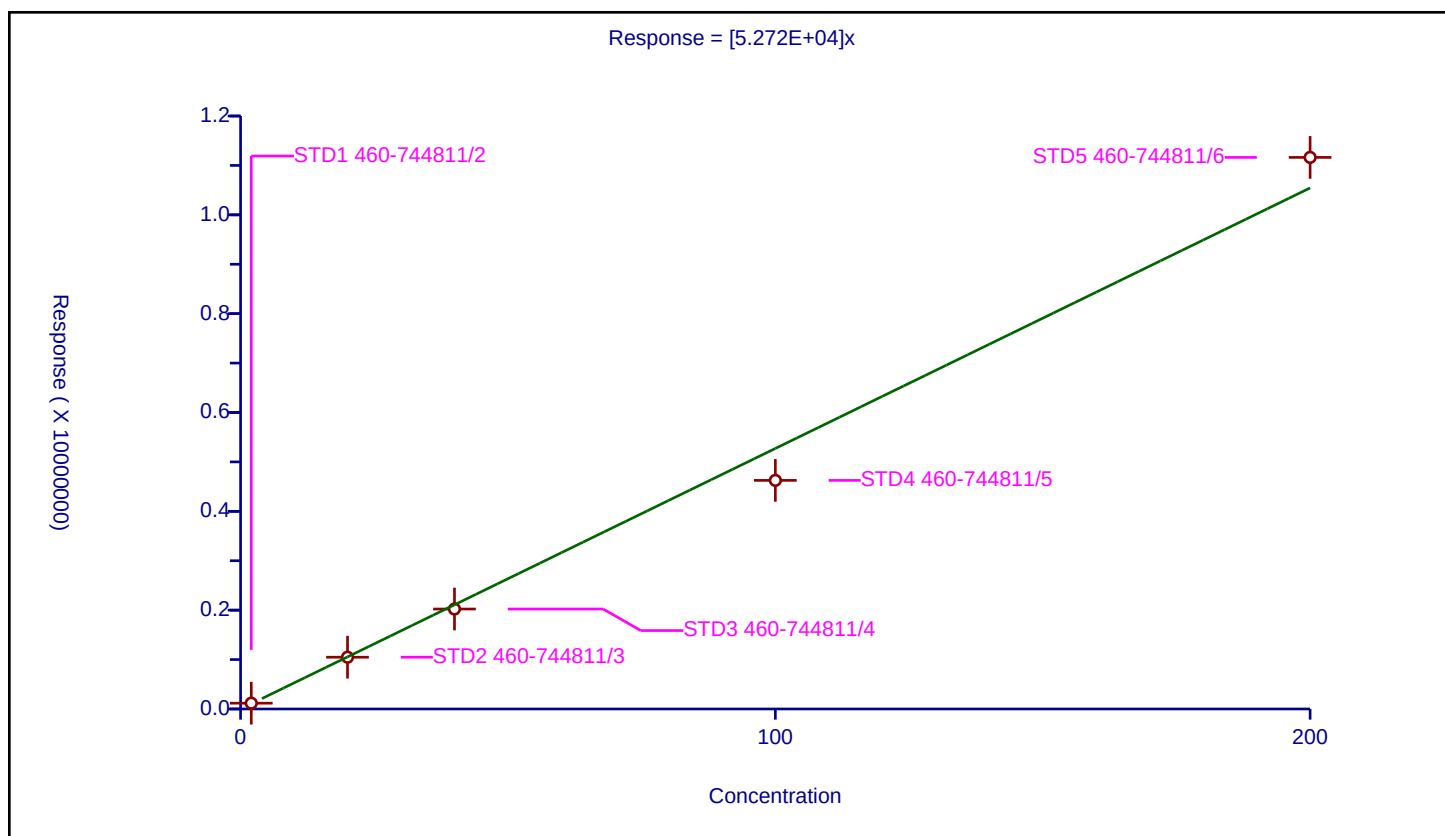
Curve Coefficients

Intercept: 0
Slope: 5.272E+04

Error Coefficients

Standard Error: 449000
Relative Standard Error: 9.0
Correlation Coefficient: 0.992
Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	STD1 460-744811/2	2.0	117156.0			58578.0	Y
2	STD2 460-744811/3	20.0	1047546.0			52377.3	Y
3	STD3 460-744811/4	40.0	2023115.0			50577.875	Y
4	STD4 460-744811/5	100.0	4625944.0			46259.44	Y
5	STD5 460-744811/6	200.0	11162298.0			55811.49	Y



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Lab Sample ID: CCV 460-746179/2 Calibration Date: 12/11/2020 09:22
 Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
 GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
 Lab File ID: 3F032957.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	65518	62268		950	1000	-5.0	20.0
o-Terphenyl	Ave	52721	52872		40.1	40.0	0.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Lab Sample ID: CCV 460-746179/2 Calibration Date: 12/11/2020 09:22
Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
Lab File ID: 3F032957.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.03	1.23	2.84
o-Terphenyl	3.93	3.88	3.98

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032957.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 11-Dec-2020 09:22:46 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-002
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 12:51:07 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 09:44:53

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.033 (1.229-2.838) 62268219 1000.0 950.4
 \$ 2 o-Terphenyl
 3.929 3.929 0.000 2114885 40.0 40.1

QC Flag Legend

Processing Flags

Reagents:

SG105MinL3_00016 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032957.D

Injection Date: 11-Dec-2020 09:22:46

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 2

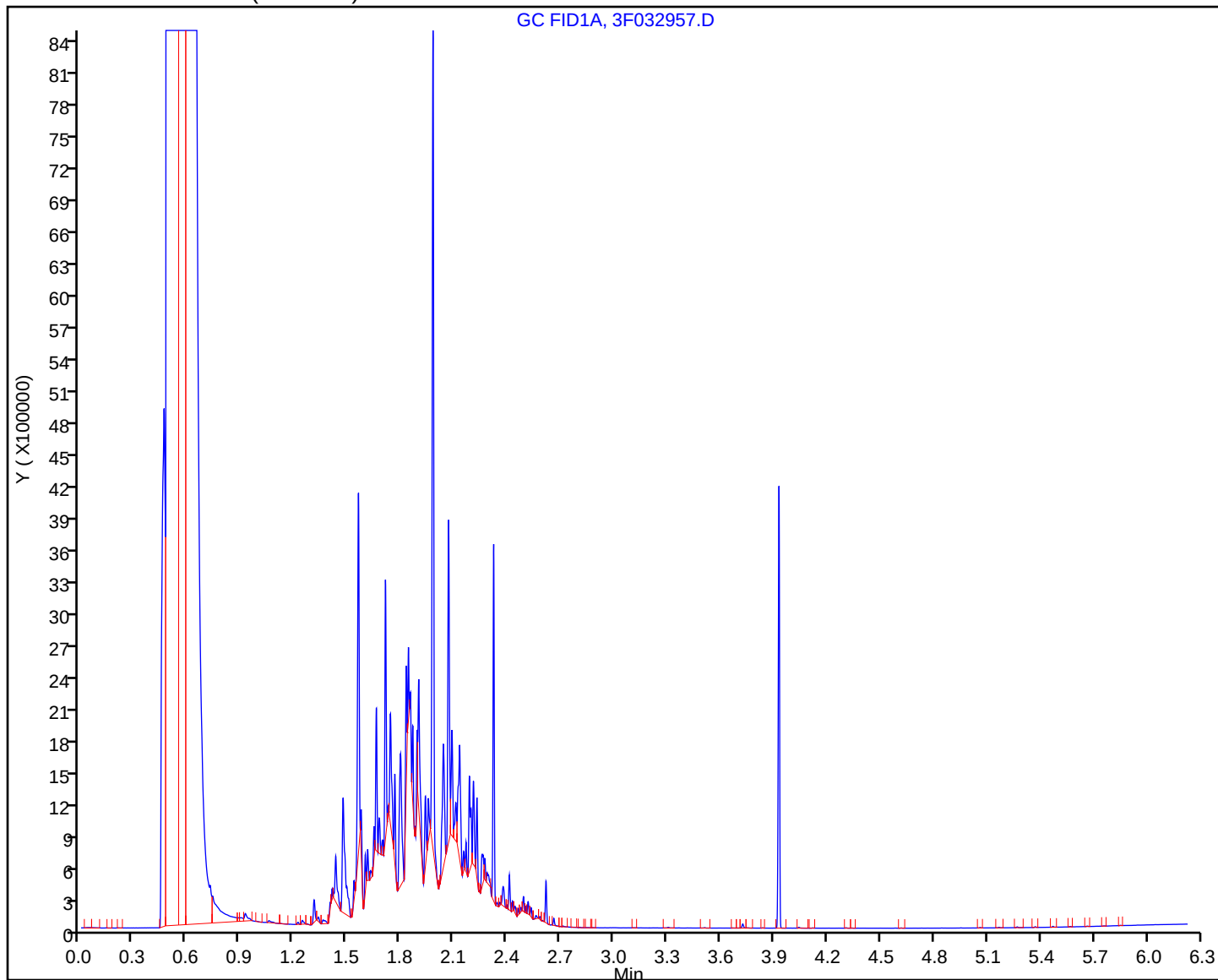
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Lab Sample ID: CCV 460-746179/12 Calibration Date: 12/11/2020 11:43
 Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
 GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
 Lab File ID: 3F032967.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	65518	58833		898	1000	-10.2	20.0
o-Terphenyl	Ave	52721	52044		39.5	40.0	-1.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Lab Sample ID: CCV 460-746179/12 Calibration Date: 12/11/2020 11:43
Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
Lab File ID: 3F032967.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.06	1.25	2.86
o-Terphenyl	3.95	3.90	4.00

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032967.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 11-Dec-2020 11:43:32 ALS Bottle#: 2 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-012
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 12:51:06 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.056 (1.251-2.860) 58833455 1000.0 898.0

\$ 2 o-Terphenyl
 3.951 3.951 0.000 2081770 40.0 39.5

Reagents:

SG105MinL3_00016 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032967.D

Injection Date: 11-Dec-2020 11:43:32

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 12

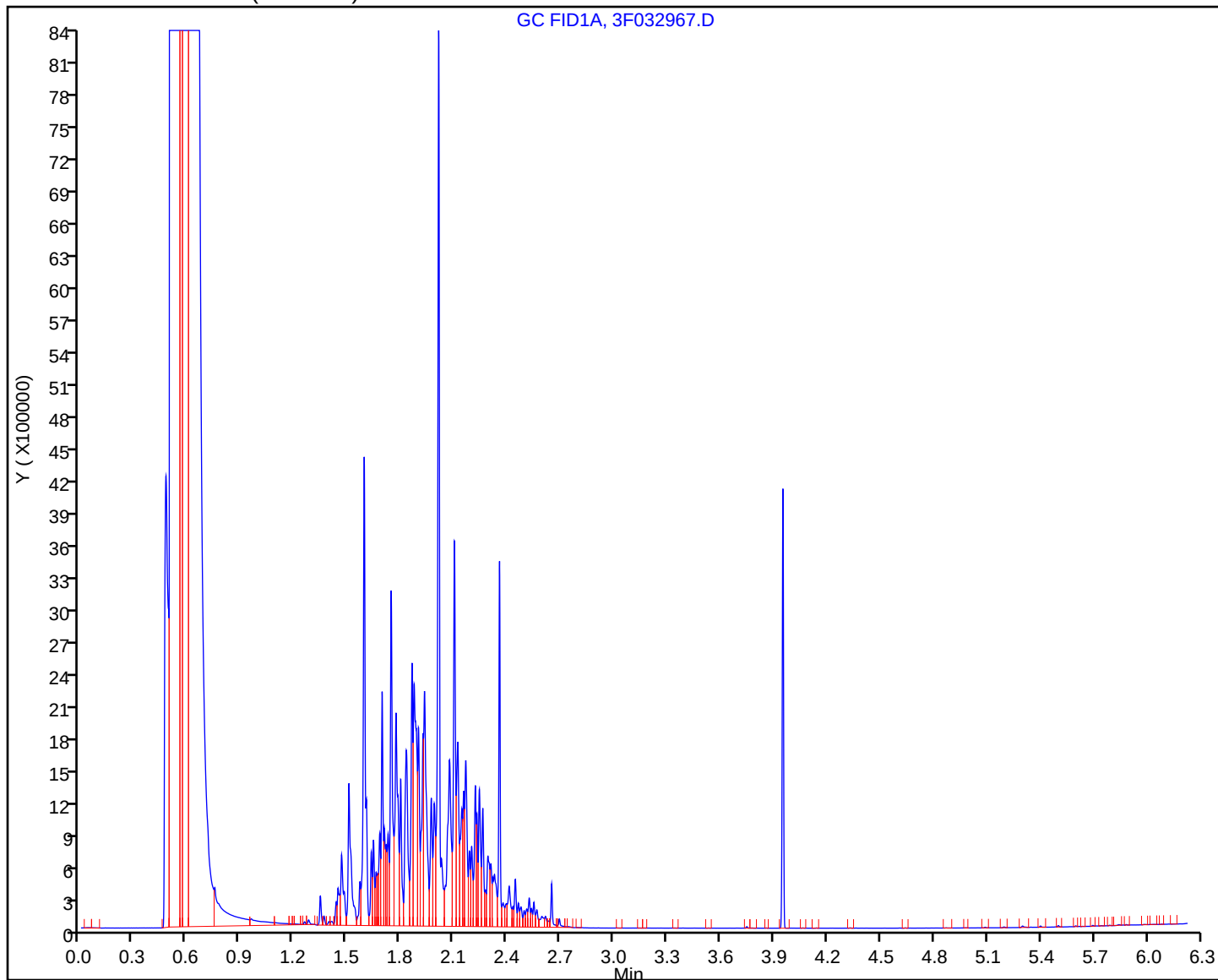
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Lab Sample ID: CCV 460-746179/22 Calibration Date: 12/11/2020 14:04
Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
Lab File ID: 3F032978.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Mineral Spirits	Ave	65518	57874		883	1000	-11.7	20.0
o-Terphenyl	Ave	52721	49619		37.6	40.0	-5.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Lab Sample ID: CCV 460-746179/22 Calibration Date: 12/11/2020 14:04
Instrument ID: CBNAGC3 Calib Start Date: 12/06/2020 10:07
GC Column: Rtx-Mineral Oil ID: 0.32 (mm) Calib End Date: 12/06/2020 11:09
Lab File ID: 3F032978.D

Analyte	RT	RT WINDOW	
		FROM	TO
Mineral Spirits	2.05	1.25	2.86
o-Terphenyl	3.95	3.90	4.00

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032978.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 11-Dec-2020 14:04:42 ALS Bottle#: 2 Worklist Smp#: 22
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-022
 Operator ID: 615 Instrument ID: CBNAGC3
 Sublist: chrom-MS3F*sub1
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 14:17:37 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits
 2.053 (1.249-2.858) 57873766 1000.0 883.3

\$ 2 o-Terphenyl
 3.949 3.949 0.000 1984766 40.0 37.6

Reagents:

SG105MinL3_00016 Amount Added: 1.00 Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032978.D

Injection Date: 11-Dec-2020 14:04:42

Instrument ID: CBNAGC3

Lims ID: CCV

Client ID:

Operator ID: 615

ALS Bottle#: 2

Worklist Smp#: 22

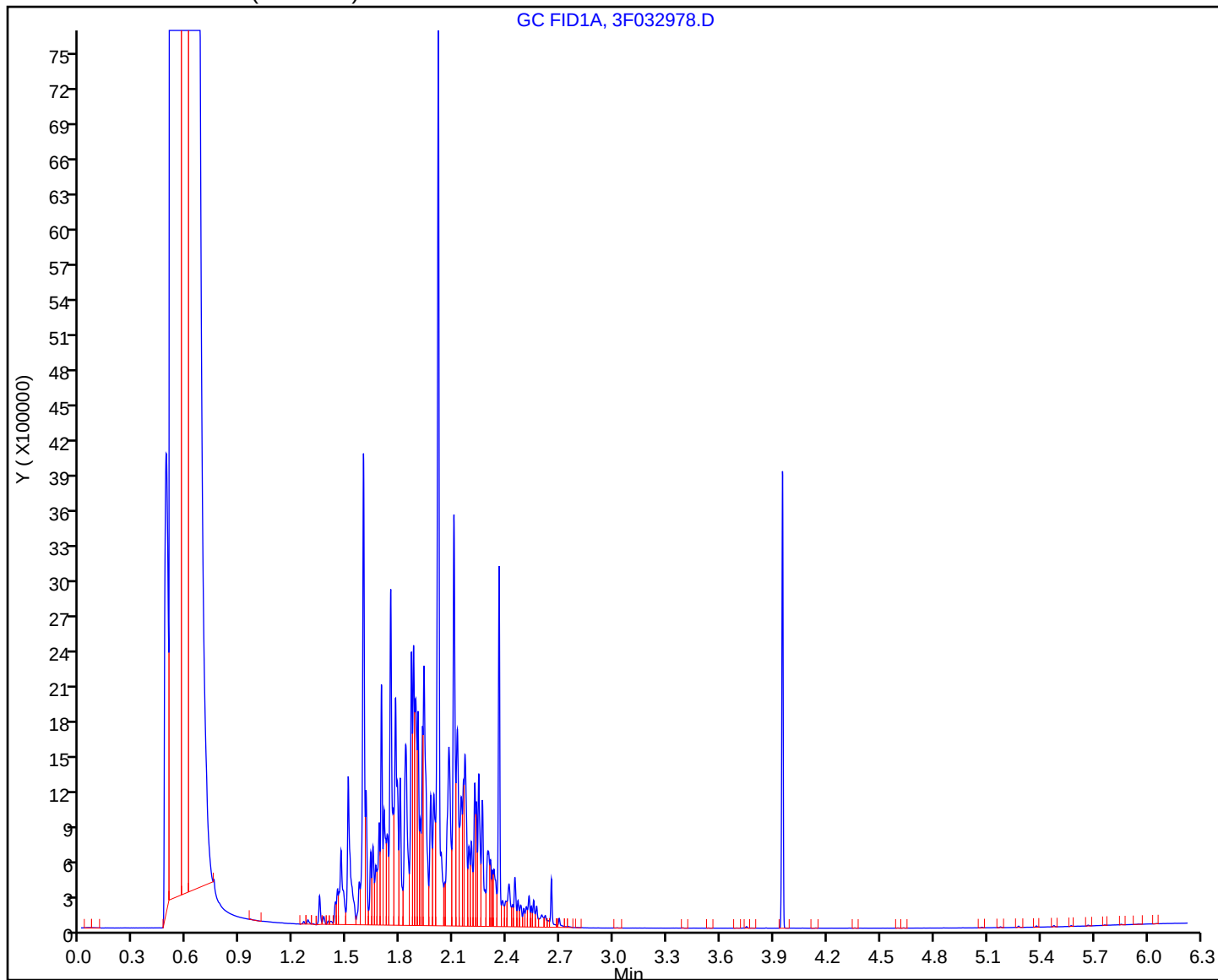
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-745926/1-A
 Matrix: Water Lab File ID: 3F032963.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 10:58
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	13	U	13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	96		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032963.D
Lims ID: MB 460-745926/1-A
Client ID:
Sample Type: MB
Inject. Date: 11-Dec-2020 10:58:14 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-008
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 12:50:55 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 12:49:06

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.958	3.951	0.007	1007521	20.0	19.1	

Report Date: 11-Dec-2020 12:51:04

Chrom Revision: 2.3 20-Nov-2020 10:42:32

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032963.D

Injection Date: 11-Dec-2020 10:58:14

Instrument ID: CBNAGC3

Lims ID: MB 460-745926/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 8

Worklist Smp#: 8

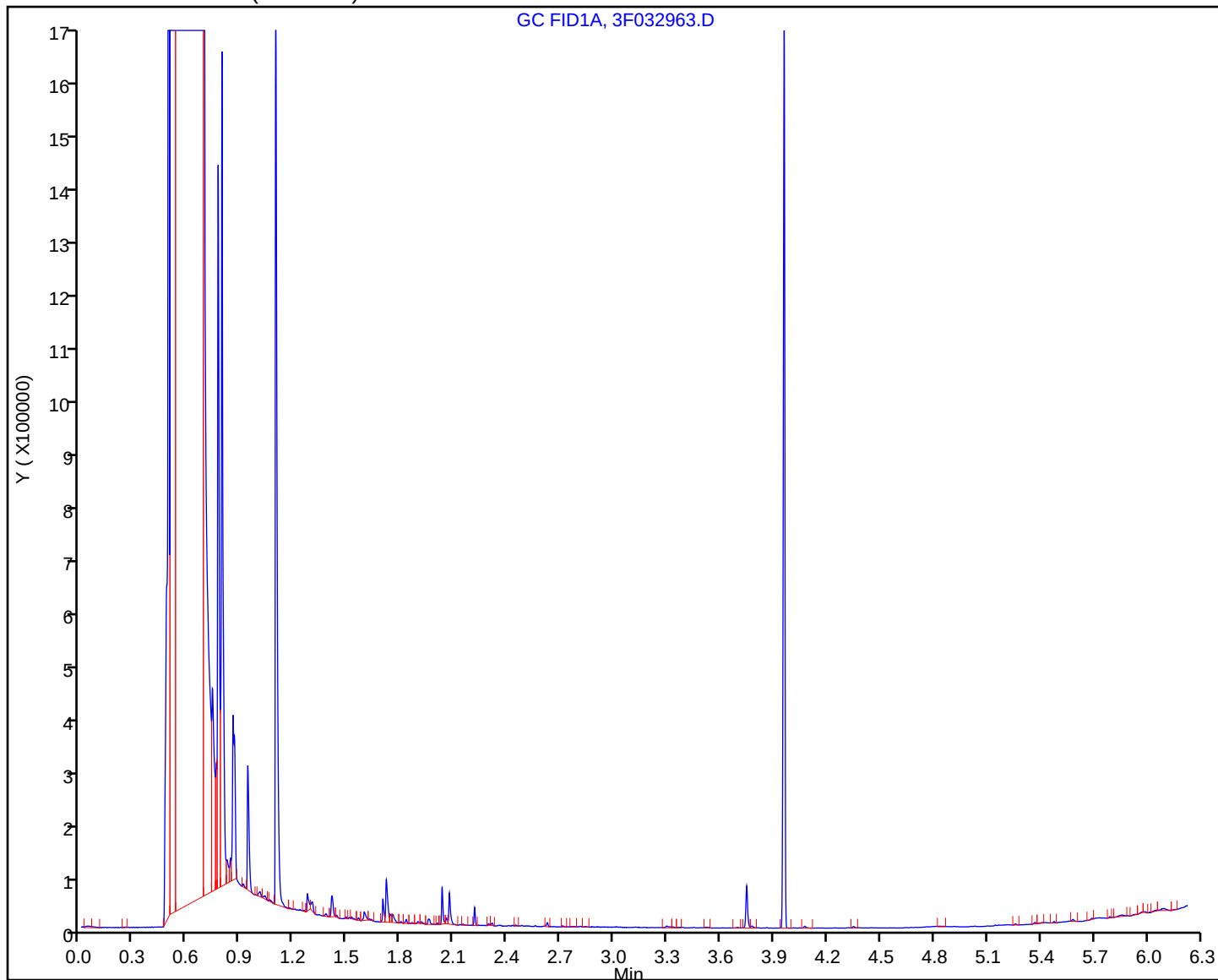
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032963.D

Injection Date: 11-Dec-2020 10:58:14

Instrument ID: CBNAGC3

Lims ID: MB 460-745926/1-A

Client ID:

Operator ID: 615

ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

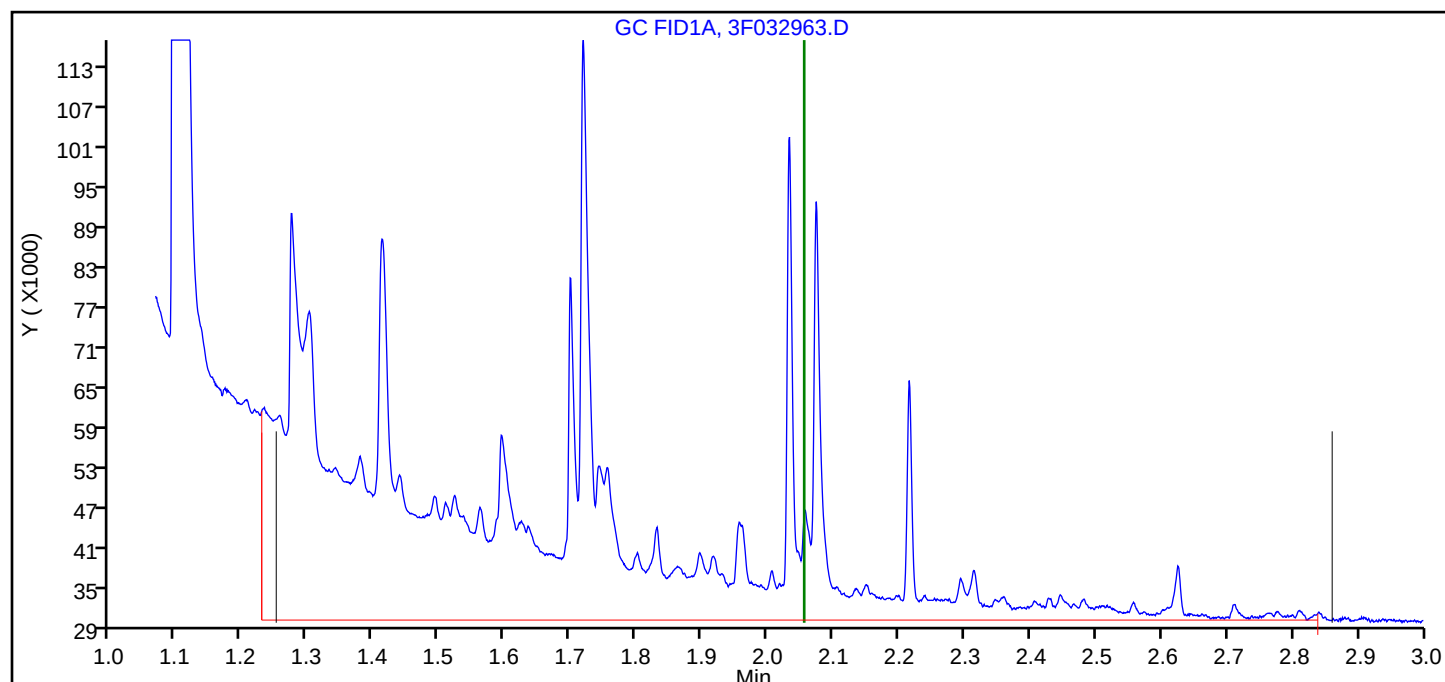
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.06	2.03	1070532	16.339517

Reviewer: hamzik, 11-Dec-2020 12:49:05

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-746179/1
 Matrix: Water Lab File ID: 3F032956.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/11/2020 08:53
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	14.3		0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032956.D
 Lims ID: PIBLK
 Client ID:
 Sample Type: PIBLK
 Inject. Date: 11-Dec-2020 08:53:43 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0121445-001
 Operator ID: 615 Instrument ID: CBNAGC3
 Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
 Limit Group: GC 8015C DRO ICAL
 Last Update: 11-Dec-2020 12:51:06 Calib Date: 06-Dec-2020 11:09:19
 Integrator: Falcon
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICAL File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
 Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
 Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 09:11:24

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.085 (1.251-2.860) 937381 14.3

\$ 2 o-Terphenyl

a

3.924 3.951 -0.027 1575742 40.0 29.9 a

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SGPIBLKDRO_00020

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032956.D

Injection Date: 11-Dec-2020 08:53:43

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 1

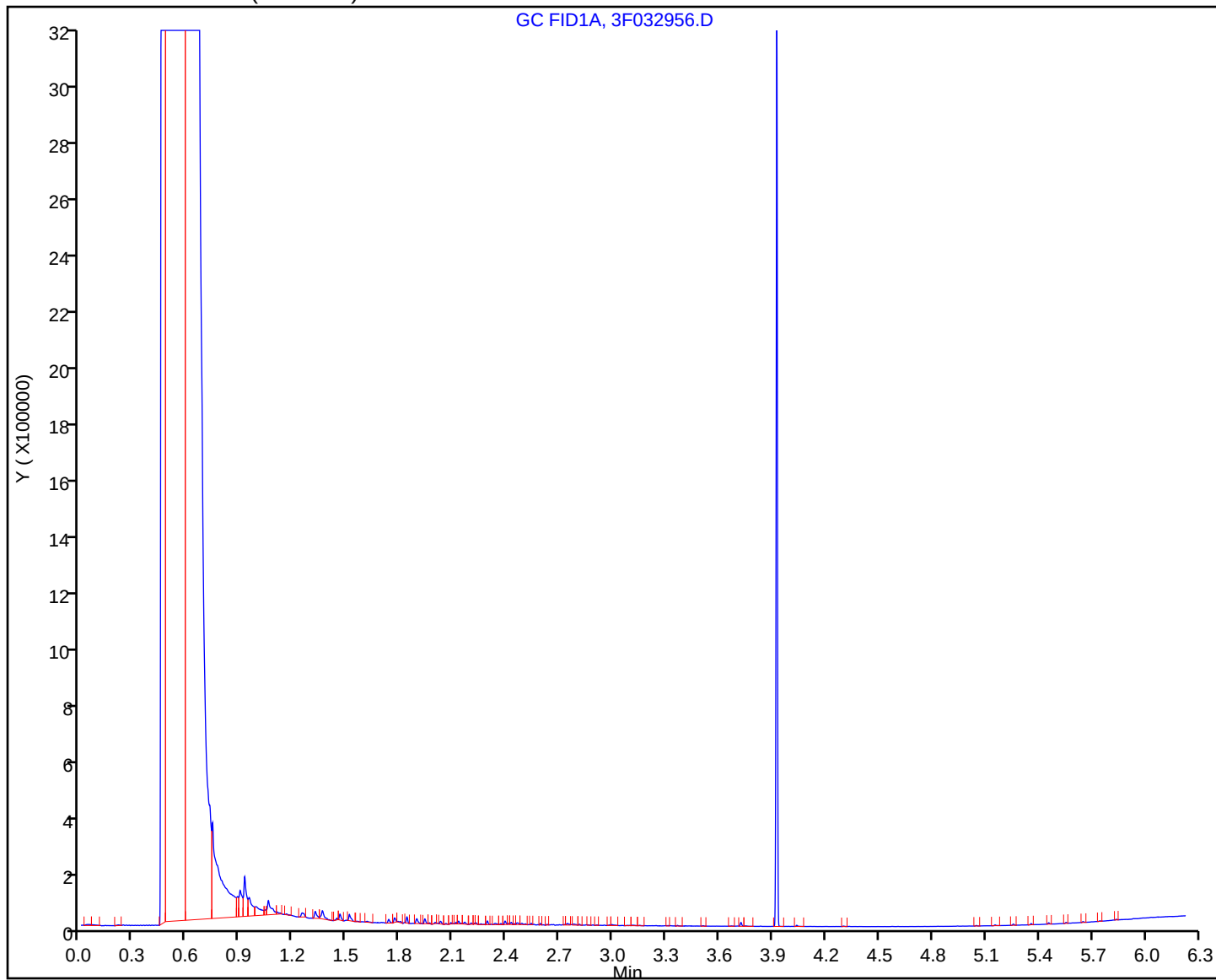
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032956.D

Injection Date: 11-Dec-2020 08:53:43

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

1

Worklist Smp#: 1

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector: GC FID1A

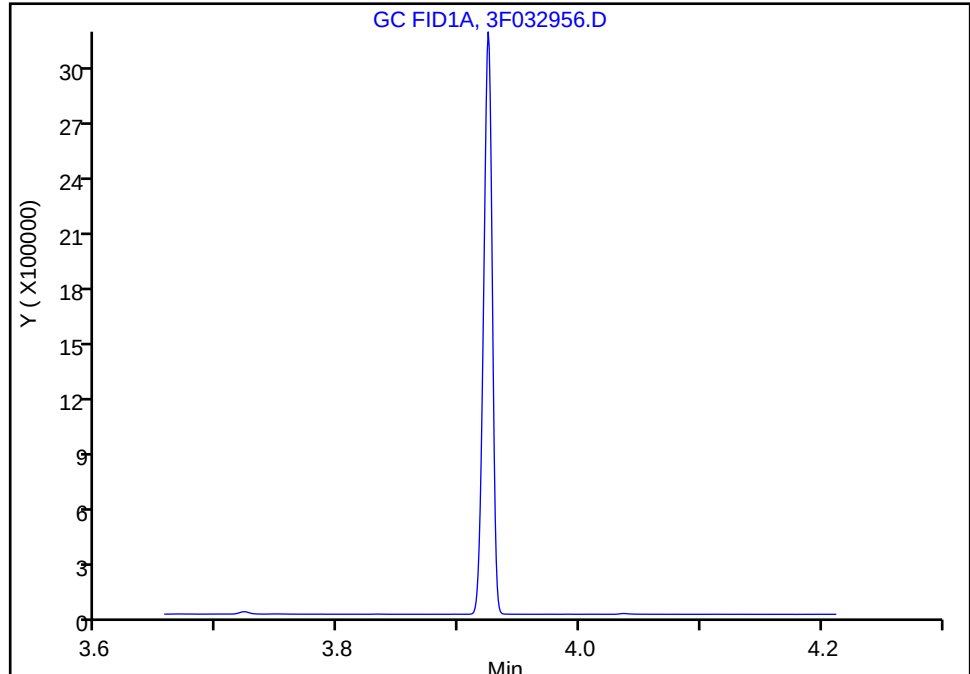
\$ 2 o-Terphenyl, CAS: 84-15-1

Signal: 1

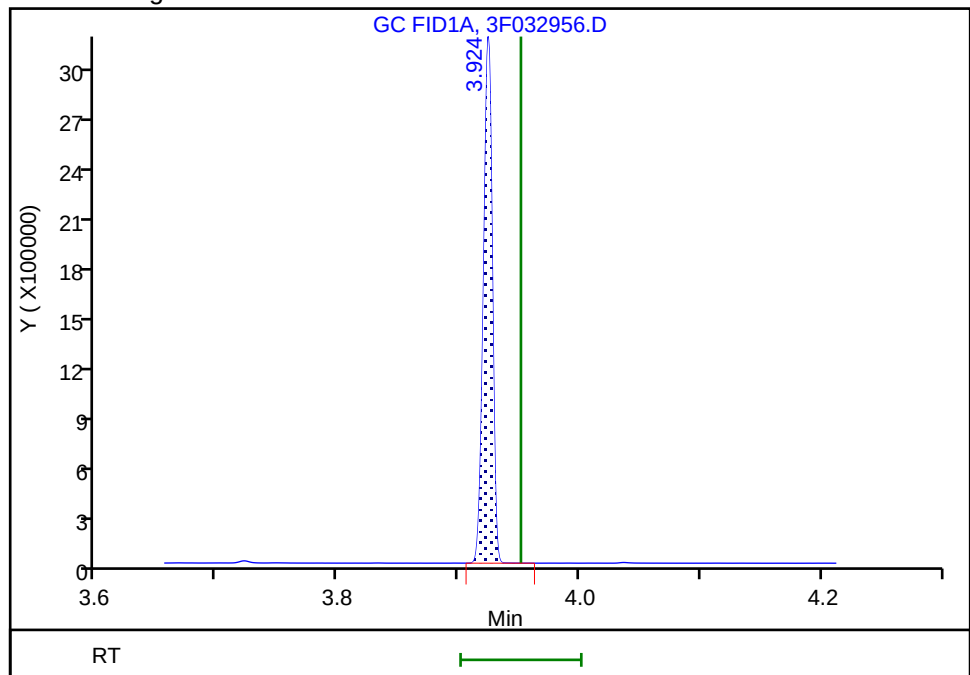
Not Detected

Expected RT: 3.95

Processing Integration Results



Manual Integration Results



RT: 3.92

Area: 1575742

Amount: 29.888419

Amount Units: ug/ml

Reviewer: hamzik, 11-Dec-2020 09:09:24

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-746179/11
 Matrix: Water Lab File ID: 3F032966.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/11/2020 11:31
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	89		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032966.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Dec-2020 11:31:54 ALS Bottle#: 1 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-011
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 12:50:55 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 12:27:12

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.952 3.951 0.001 1875086 40.0 35.6

Reagents:

SGPIBLKDRO_00020

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032966.D

Injection Date: 11-Dec-2020 11:31:54

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 11

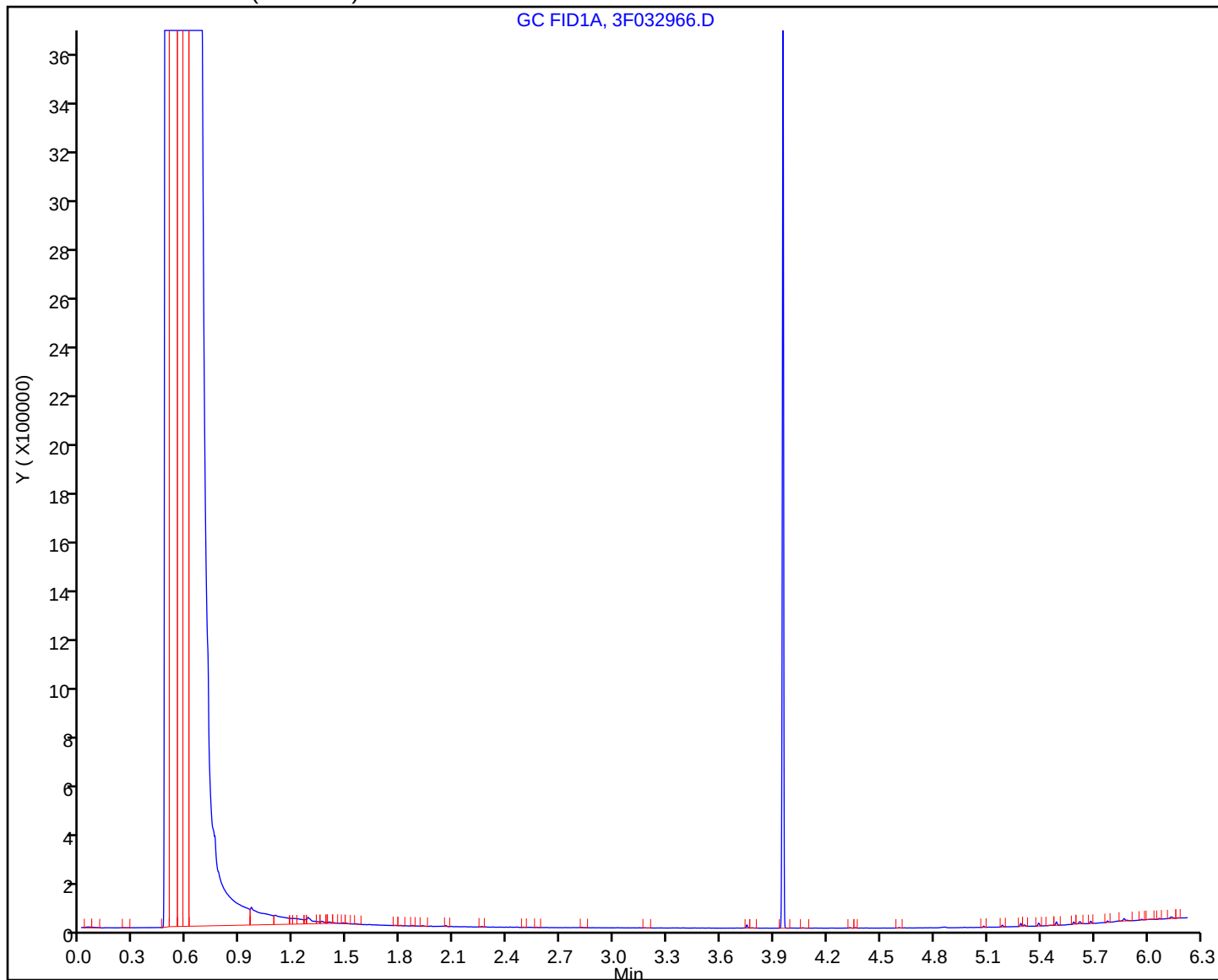
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032966.D

Injection Date: 11-Dec-2020 11:31:54

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1 Worklist Smp#: 11

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

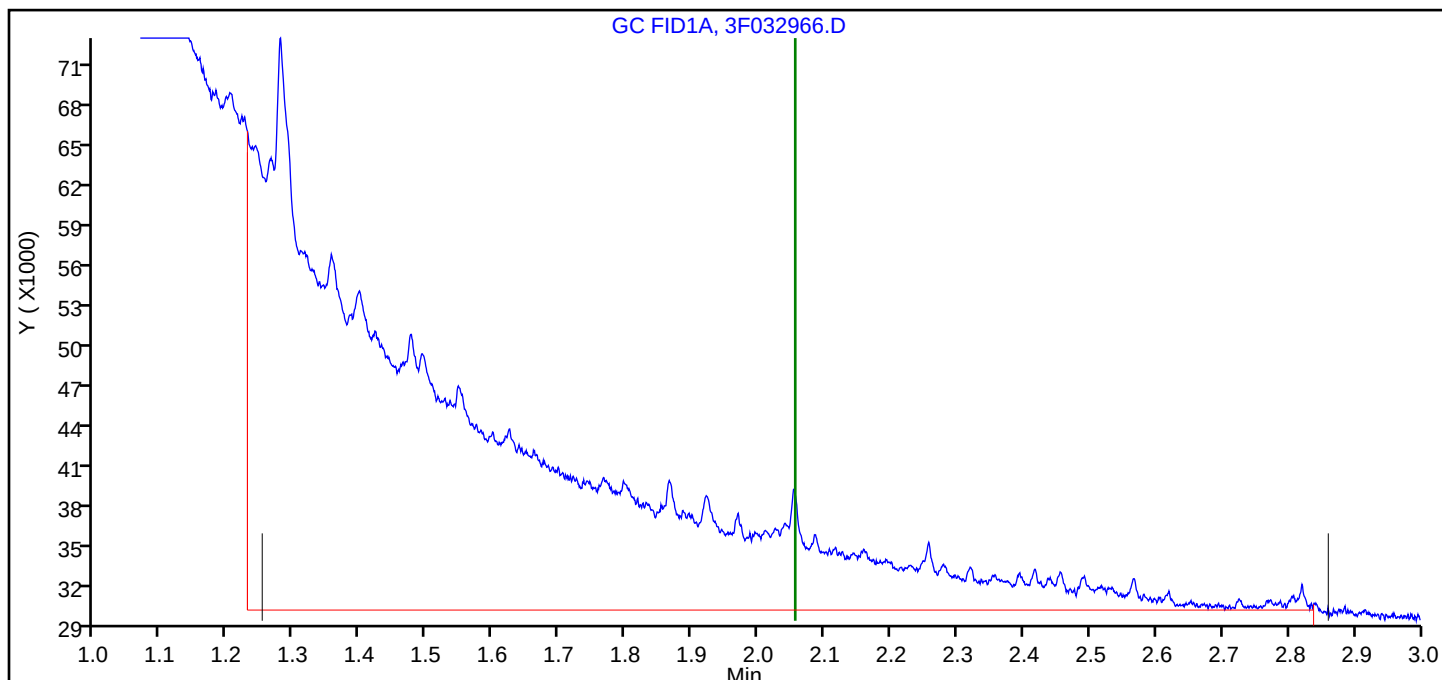
Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)

Detector GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.06	2.03	815264	12.443364

Reviewer: hamzik, 11-Dec-2020 12:27:02

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-746179/21
 Matrix: Water Lab File ID: 3F032977.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/11/2020 13:53
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: Rtx-Mineral Oil ID: 0.32(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	0.050	U	0.050	0.013

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	88		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032977.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 11-Dec-2020 13:53:26 ALS Bottle#: 1 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-021
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 14:17:10 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

First Level Reviewer: hamzik

Date: 11-Dec-2020 14:17:10

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

\$ 2 o-Terphenyl

3.951 3.949 0.002 1857753 40.0 35.2

Reagents:

SGPIBLKDRO_00020

Amount Added: 1.00

Units: mL

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032977.D

Injection Date: 11-Dec-2020 13:53:26

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#: 1

Worklist Smp#: 21

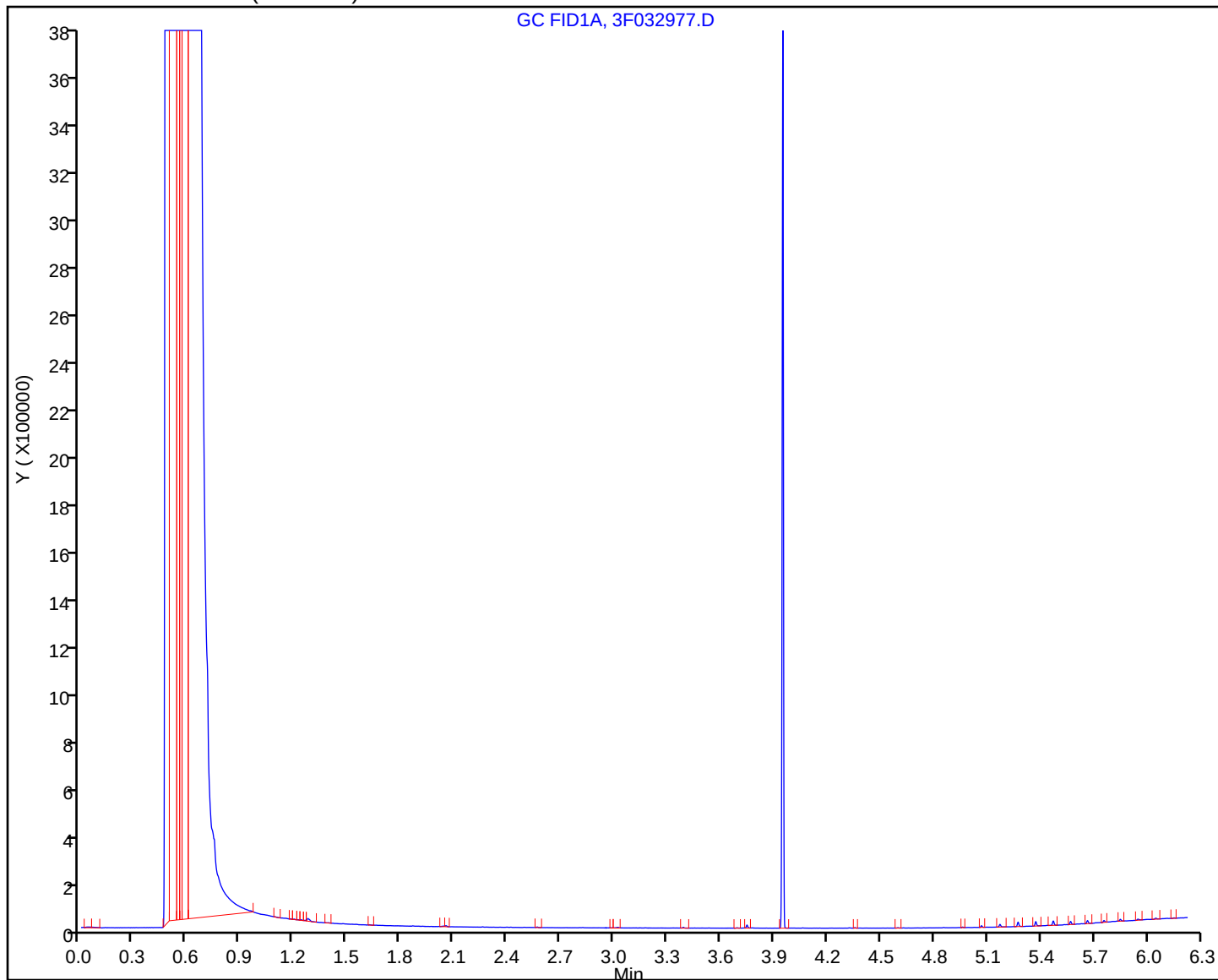
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032977.D

Injection Date: 11-Dec-2020 13:53:26

Instrument ID: CBNAGC3

Lims ID: PIBLK

Client ID:

Operator ID: 615

ALS Bottle#:

1

Worklist Smp#:

21

Injection Vol: 1.0 ul

Dil. Factor:

1.0000

Method: MS3F

Limit Group:

GC 8015C DRO ICAL

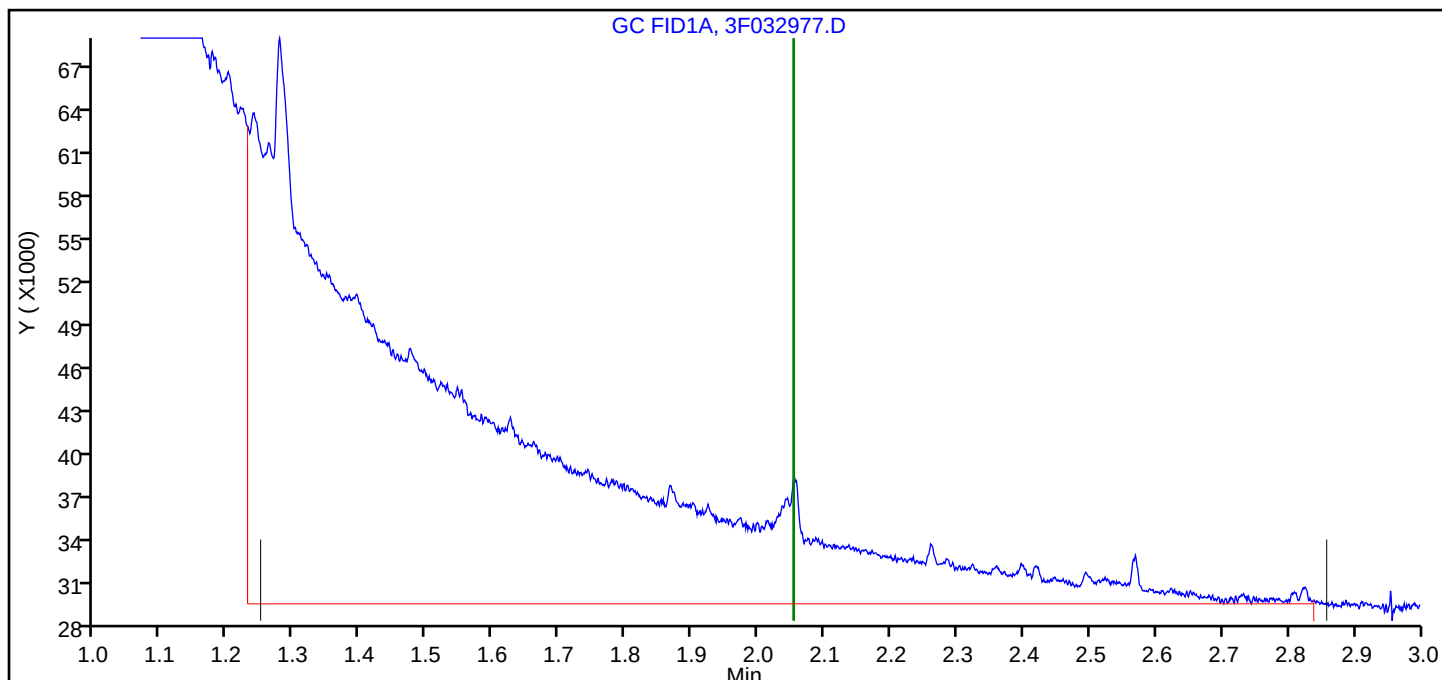
Column: Rtx Mineral Oil (0.32 mm)

Detector

GC FID1A

A 1 Mineral Spirits, CAS: 64475-85-0

Processing Results



Exp RT	RT	Response	Amount
2.05	2.03	764222	11.664311

Reviewer: hamzik, 11-Dec-2020 14:17:09

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-745926/2-A
Matrix: Water Lab File ID: 3F032964.D
Analysis Method: 8015D Date Collected: _____
Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 11:09
Con. Extract Vol.: 1 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	4830		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032964.D
Lims ID: LCS 460-745926/2-A
Client ID:
Sample Type: LCS
Inject. Date: 11-Dec-2020 11:09:26 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-009
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 11:50:53 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.033	(1.229-2.838)		316406175	5000.0	4829.3	

\$ 2 o-Terphenyl

3.950	3.929	0.021	834609	20.0	15.8	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032964.D

Injection Date: 11-Dec-2020 11:09:26

Instrument ID: CBNAGC3

Lims ID: LCS 460-745926/2-A

Client ID:

Operator ID: 615

ALS Bottle#: 9

Worklist Smp#: 9

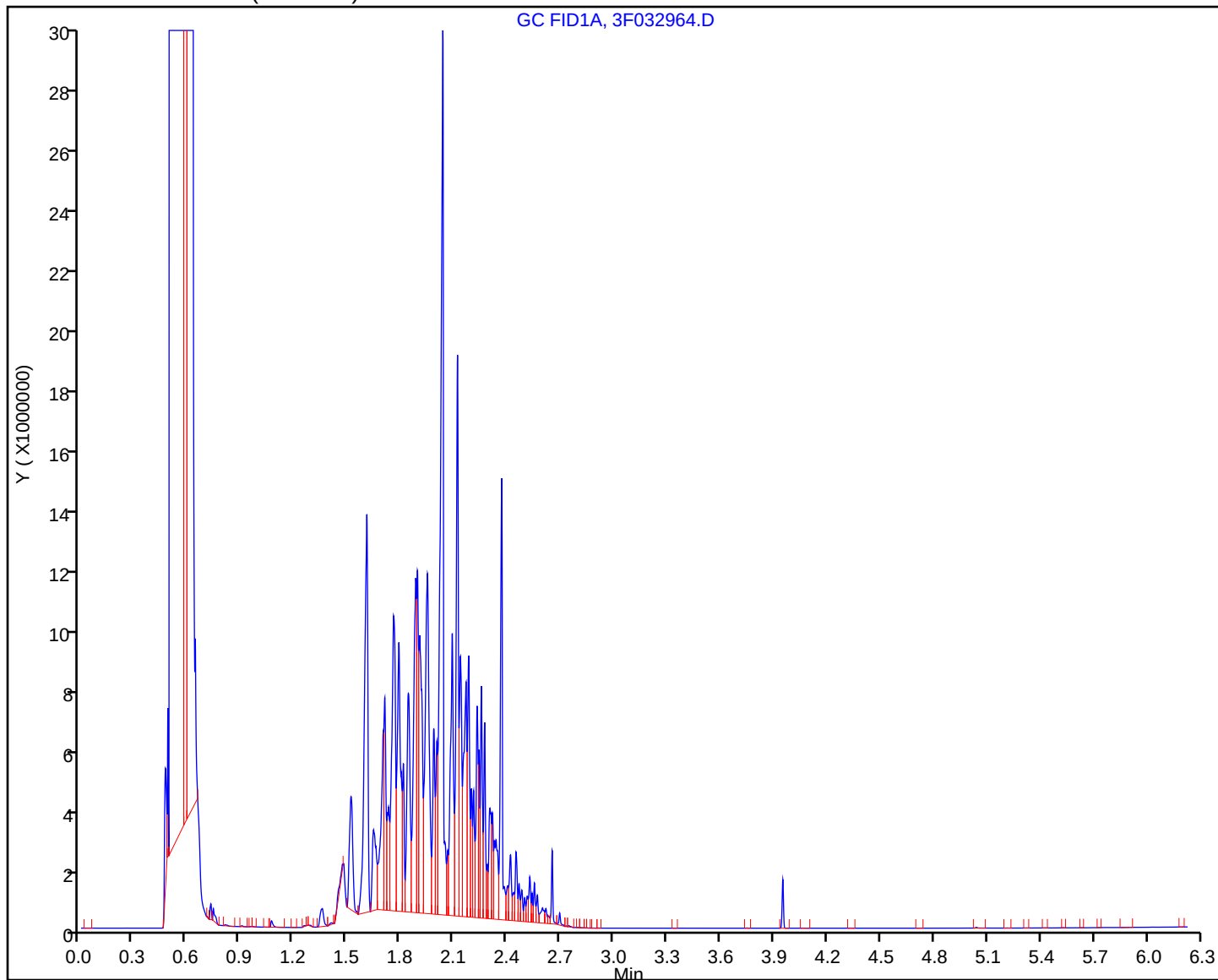
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-745926/3-A
 Matrix: Water Lab File ID: 3F032975.D
 Analysis Method: 8015D Date Collected: _____
 Extraction Method: 3510C Date Extracted: 12/10/2020 12:22
 Sample wt/vol: 1000 (mL) Date Analyzed: 12/11/2020 13:30
 Con. Extract Vol.: 1 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: Rtx-Mineral Oil ID: 0.32 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 746179 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
64475-85-0	Mineral Spirits	4640		13	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		38-149

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032975.D
Lims ID: LCSD 460-745926/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 11-Dec-2020 13:30:53 ALS Bottle#: 17 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0121445-019
Operator ID: 615 Instrument ID: CBNAGC3
Method: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\MS3F.m
Limit Group: GC 8015C DRO ICAL
Last Update: 11-Dec-2020 14:09:18 Calib Date: 06-Dec-2020 11:09:19
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20201206-121155.b\3F032868.D
Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1668

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

A 1 Mineral Spirits

2.033	(1.229-2.838)		303876435	5000.0	4638.1	

\$ 2 o-Terphenyl

3.948	3.929	0.019	829641	20.0	15.7	

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20201211-121445.b\3F032975.D

Injection Date: 11-Dec-2020 13:30:53

Instrument ID: CBNAGC3

Lims ID: LCSD 460-745926/3-A

Client ID:

Operator ID: 615

ALS Bottle#: 17

Worklist Smp#: 19

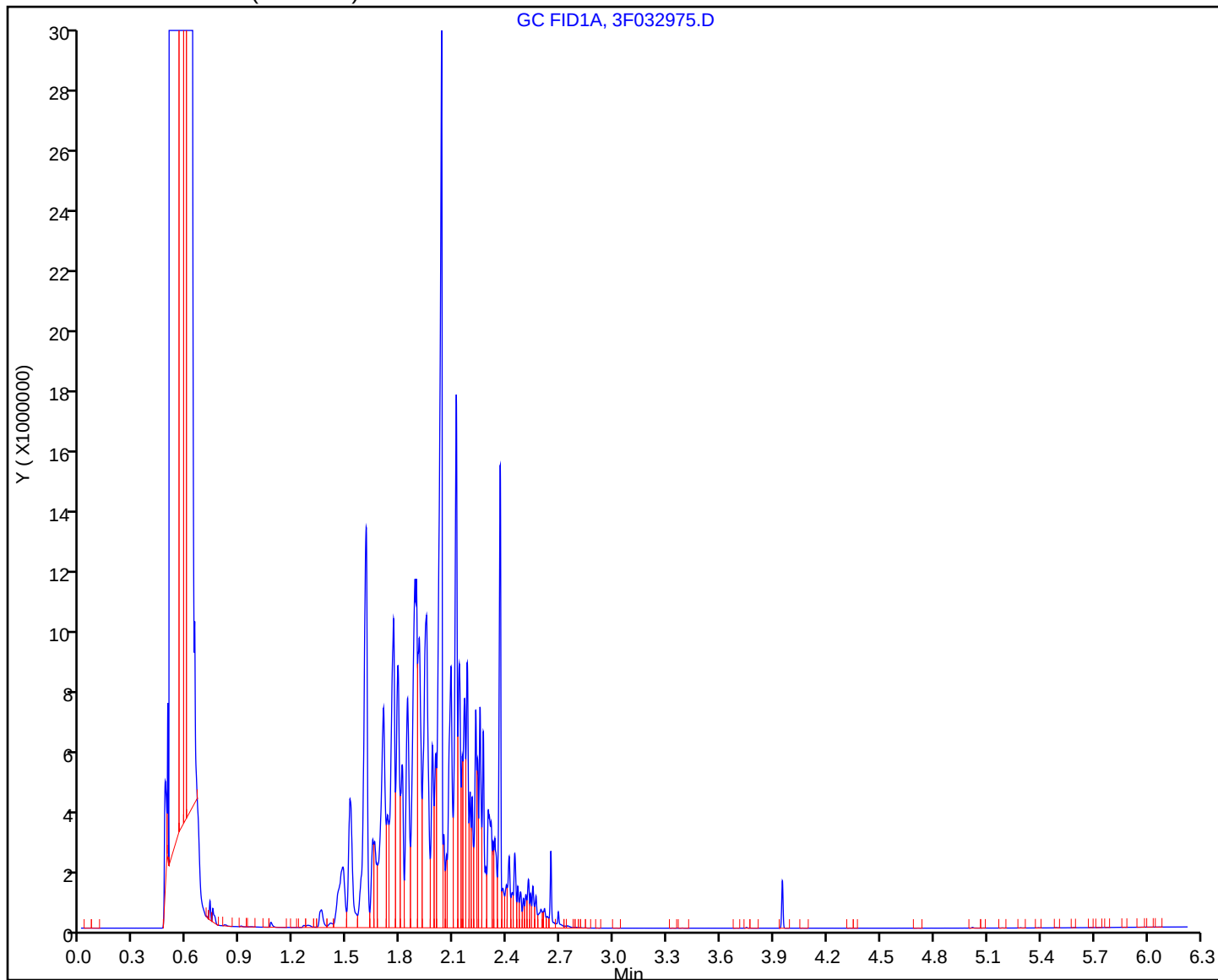
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

Method: MS3F

Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3

SDG No.: _____

Instrument ID: CBNAGC3 Start Date: 12/06/2020 09:52Analysis Batch Number: 744811 End Date: 12/06/2020 11:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-744811/1		12/06/2020 09:52	1		Rtx-Mineral Oil 0.32 (mm)
STD1 460-744811/2 IC		12/06/2020 10:07	1	3F032864.D	Rtx-Mineral Oil 0.32 (mm)
STD2 460-744811/3 IC		12/06/2020 10:22	1	3F032865.D	Rtx-Mineral Oil 0.32 (mm)
STD3 460-744811/4 IC		12/06/2020 10:37	1	3F032866.D	Rtx-Mineral Oil 0.32 (mm)
STD4 460-744811/5 IC		12/06/2020 10:53	1	3F032867.D	Rtx-Mineral Oil 0.32 (mm)
STD5 460-744811/6 IC		12/06/2020 11:09	1	3F032868.D	Rtx-Mineral Oil 0.32 (mm)
ICV 460-744811/7		12/06/2020 11:24	1		Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, EdisonJob No.: 460-219430-3

SDG No.: _____

Instrument ID: CBNAGC3Start Date: 12/11/2020 08:53Analysis Batch Number: 746179End Date: 12/11/2020 14:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-746179/1		12/11/2020 08:53	1	3F032956.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-746179/2		12/11/2020 09:22	1	3F032957.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 09:49	1		Rtx-Mineral Oil 0.32 (mm)
460-219430-2	GT-2R	12/11/2020 10:01	1	3F032960.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-3	GT-3	12/11/2020 10:12	1	3F032961.D	Rtx-Mineral Oil 0.32 (mm)
460-219430-6	GW-DUP	12/11/2020 10:24	1	3F032962.D	Rtx-Mineral Oil 0.32 (mm)
MB 460-745926/1-A		12/11/2020 10:58	1	3F032963.D	Rtx-Mineral Oil 0.32 (mm)
LCS 460-745926/2-A		12/11/2020 11:09	1	3F032964.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-746179/11		12/11/2020 11:31	1	3F032966.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-746179/12		12/11/2020 11:43	1	3F032967.D	Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 11:55	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 12:06	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 12:18	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 12:29	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 12:40	1		Rtx-Mineral Oil 0.32 (mm)
ZZZZZ		12/11/2020 12:52	1		Rtx-Mineral Oil 0.32 (mm)
LCSD 460-745926/3-A		12/11/2020 13:30	1	3F032975.D	Rtx-Mineral Oil 0.32 (mm)
PIBLK 460-746179/21		12/11/2020 13:53	1	3F032977.D	Rtx-Mineral Oil 0.32 (mm)
CCV 460-746179/22		12/11/2020 14:04	1	3F032978.D	Rtx-Mineral Oil 0.32 (mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219430-3

SDG No.: _____

Batch Number: 745926 Batch Start Date: 12/10/20 12:22 Batch Analyst: Silva, JoseBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	OPDROSU 00032	SG 105 mi STD 00017
MB 460-745926/1		3510C, 8015D		1000 mL	1 mL	7 SU	2 SU	1 mL	
LCS 460-745926/2		3510C, 8015D		1000 mL	1 mL	7 SU	2 SU	1 mL	100 uL
LCSD 460-745926/3		3510C, 8015D		1000 mL	1 mL	7 SU	2 SU	1 mL	100 uL
460-219430-D-2	GT-2R	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 SU	1 mL	
460-219430-D-3	GT-3	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 SU	1 mL	
460-219430-D-6	GW-DUP	3510C, 8015D	T	1000 mL	1 mL	7 SU	2 SU	1 mL	

Batch Notes	
Batch Comment	3510C Mineral Spirit
Concentration 1 Corrected Temperature	37 Degrees C
Analyst ID - Extraction	Jose
Method/Fraction	Mineral Spirit
Prep Solvent ID	MeCL2 / 253777
Prep Solvent Volume Used	180 mL
Analyst ID - Spike Analyst	Jose
Concentration 1 Uncorrected Temperature	37 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Boston
#215

Chain of Custody Record

Client Information Client Contact: Mr. Steve Fleming, P.E. Company: Safety-Kleen Systems, Inc. Address: 4120 Thunderbird Ln City: Fairfield State, Zip: OH, 45014 Phone: 513-956-2172(Tel) 513-563-1645(Fax) Email: stephen.fleming@safety-kleen.com Project Name: 2020 Safety-Kleen Thornwood Site: 27 St. Charles St., Thornwood, N.Y.		Lab PM: Flannery, Elizabeth J E-Mail: Elizabeth.Flannery@Eurofinset.com Phone: 781-247-3466 Due Date Requested: TAT Requested (days): PO #: W190333217 WO #: Project #: 46008952 SSOW#: Date: 9/25/20		Carrier Tracking No(s): 460-132255-80787-1 Page: Page 1 of 1 Job #: 219430	
Analysis Requested 8260C - 8260C VOC 8015D_ID - Hydrocarbon Product Identification (GC) 8260C - OLMO4.2 Compound List 8015D_ID - Mineral Spirits Range Organics		Preservation Codes: A - HCL B - NaOH C - Zn Acetate M - Hexane N - None O - AsNaO2 P - Na2O4S S - SO3 SO4 T - Dodecahydrate U - acetone V - CAA W - 4-5 X - other (specify)			
Sample Identification Sample ID: GT-1R Sample Type: (C=Comp, G=grab) Sample Time: 2230 Sample Date: 9/25 Matrix: Water Preservation Code: G		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260C - 8260C VOC 8015D_ID - Hydrocarbon Product Identification (GC) 8260C - OLMO4.2 Compound List 8015D_ID - Mineral Spirits Range Organics			
Total Number of containers: 5 Special Instructions/Note: 1, 2, 3, 4, 5, 6, 7		Other:			
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months			
Deliverable Requested I, II, III, IV, Other (specify):		Special Instructions/QC Requirements:			
Empty Kit Relinquished by: Relinquished by: John Talley Date: 9/26/20 @ 1130 Company: CHES		Method of Shipment: FedEx			
Custody Seals Intact: Custody Seal No.: Relinquished by: John Talley Date: 9/26/20 @ 1200 Company: CHES		Received by: secure fridge @ BOM Date/Time: 9/26/20 @ 1130 Company: CHES			
Relinquished by: John Talley Date: 9/28/20 @ 10:00 Company: CHES		Received by: Deborah D Date/Time: 9/28/20 @ 12:00 Company: CHES			
Relinquished by: John Talley Date: 9/28/20 @ 10:00 Company: CHES		Received by: Deborah D Date/Time: 9/28/20 @ 12:00 Company: CHES			
Custody Seals Intact: Yes ☒ No ☐ Custody Seal No.: Relinquished by: John Talley Date: 9/28/20 @ 10:00 Company: CHES		Cooler Temperature(s) °C and Other Remarks: IR 11 5.8°C, 4.5°C, 5.3°C, 6.0°C Date: 9/28/20			

Job Number:

Number of Coolers:

IR Gun #

Cooler Temperatures

	RAW		CORRECTED	
	RAW	CORRECTED	RAW	CORRECTED
Cooler #1:	5.8	°C	Cooler #4:	6.0°C
Cooler #2:	4.5	°C	Cooler #5:	°C
Cooler #3:	5.3	°C	Cooler #6:	°C
			Cooler #7:	°C
			Cooler #8:	°C
			Cooler #9:	°C

[illegible]

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:

9/29/20

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 460-219430-3

Login Number: 219430
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	



STEPHEN D. FLEMING, PE, CHMM
SENIOR REMEDIATION MANAGER