ECM

environmental compliance monitoring, inc.

PERIODIC REVIEW REPORT
LONG TERM GROUND WATER MONITORING PROGRAM
ANNUAL REPORT

JANUARY 2020 – DECEMBER 2020

FORMER KAY FRIES SITE
STONY POINT, NEW YORK
SITE NO. 344023

SUBMITTED TO:

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
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1.0 INTRODUCTION

This *Periodic Review Report* (PRR) has been prepared by Environmental Compliance Monitoring, Inc. (ECM) on behalf of Evonik Corporation (Evonik) for the Former Kay Fries, Inc. site, located in Stony Point, New York, and incorporating the period January 2020 through December 2020. Submission of the PRR was completed as part of the current New York State Department of Environmental Conservation (NYSDEC) Site Management Plan (SMP) and the monitoring and reporting requirements for the site; Site No. 344023.

The site is located at the terminus of Kay-Fries Drive, east of Route 9W in Stony Point, Rockland County (Figure 1). The portions of the site property subject to this PRR are referred to as Operable Unit 1 (OU1), located to the east of the railroad tracks, and Operable Unit 2 (OU2) located to the west of the railroad tracks (Figure 2). During 1990, site investigations were conducted within the OU1 and OU2 sections of the site. The results of the OU1 investigation revealed contaminated soil associated with former process chemical storage tanks, which required downgradient monitoring wells to be installed that indicated the presence of benzene and chlorinated solvents in shallow ground water. An OU1 Record of Decision (ROD) executed in 1994 by the NYSDEC required the installation of three ground water recovery trenches and a ground water treatment system (GWTS) to address the identified area of ground water contamination.

Based upon the successful remediation conducted from 1995 through 2013 and the relatively low compound concentrations remaining at the site, a ground water monitoring program combined with the MW-31 in-situ remediation was proposed to evaluate ground water quality conditions.

The NYSDEC approved the suspension of the GWTS as a result of significantly decreased contaminant levels impacting groundwater below the OU1 section of the site. The current long-term ground water monitoring program within OU1 was proposed in lieu of continued GWTS operation to evaluate ground water quality conditions. The NYSDEC approved permanent cessation of the GWTS in their 2012 PRR – Requested Modifications letter dated August 12, 2013 (Final NYSDEC PRR approval letter dated October 15, 2013). Subsequently, in their letter dated August 15, 2013, the NYSDEC approved the GWTS Decommissioning Plan dated August 2, 2013.

During 2020, the long-term ground water monitoring program within OU1 consisted of annual monitoring of PZ-23, MW-24, MW-31, MW-36, MW-43, and MW-71, and MW-54 within OU2 during September 2020.

Relative to the OU2 section of the site, three phases of the remedial investigation were conducted from 1994 through 1995. The findings of the investigation were submitted to the NYSDEC within one report, titled *Final Remedial Investigation Report, Operable Unit Two* (dated June 23, 1997), summarizing the comprehensive results of the three investigative phases conducted within OU2. The findings of the OU2 investigations concluded that two volatile organic compounds (VOCs; tetrachloroethene [PCE] and 1,1,1-trichloroethane [TCA]) were the only compounds reported above the NYSDEC – Ground Water Quality Criteria (GWQC) in ground water and that the PCE and TCA levels were naturally attenuating.

In the ROD issued for OU2 in November 1997, the NYSDEC determined that the installation of a ground water interceptor sump and treatment via aeration was the most appropriate remedial action for VOCs impacting ground water within OU-2. The interceptor sump commenced operation and effectively reduced VOC levels from December 2000 through May 2004. Due to the effective operation of the interceptor sump, the NYSDEC approved the closure of the interceptor sump permanently in their letter dated July 8, 2004. The OU2 interceptor sump was decommissioned with the OU1 GWTS closure as presented in the OU1 and OU2 GWTS Decommissioning Plan dated August 2, 2013, and approved by the NYSDEC in their letter dated August 15, 2013.

The NYSDEC response to the 2017 PRR, dated July 16, 2018, agreed with and accepted the proposed recommendation to amend the monitoring program frequency of MW-54 from every fifth quarter to sampling on an annual basis. Monitoring well MW-54 sampling was conducted on September 18, 2020, and the results are summarized in Section 5.3 of this PRR. The next annual sampling event will be conducted during September 2021.

2.0 SITE OVERVIEW

2.1 Kay Fries Property

The former Kay Fries Inc., facility is located in Stony Point in Rockland County, New York. The site occupies approximately 85 acres to the east of Route 9W at the town's southern boundary. The property is bounded on the north by Cedar Pond Brook and the east by Minisceongo Creek; both are tidally-influenced tributaries of the Hudson River Estuary. The surrounding area west of the site is generally commercial and residential; large industrial complexes are located to the north and south of the site. Directly south of the property is the Haverstraw municipal landfill.

Operations as a specialty chemical plant reportedly began at the site by predecessor companies to Dynamit-Nobel of America (DNA) during the 1930s. In 1987, DNA sold the site to Universal Process Equipment (UPE). UPE sold the central portion of the facility to Insl-X Products Corporation (Insl-X), which manufactured industrial paints and coatings. Products were manufactured in one main building at the site. Two underground storage tanks (USTs) were located in the northern section of the building, which was used to store solvents for paint additives. Drummed waste solvents and paints were stored in a partially enclosed corrugated steel building in the southern portion of the facility. The property was sold by DNA in 1988 after the relocation of production activities. Site environmental investigation and remedial investigations of these activities were initiated during 1981. Based on the site investigation findings, remedial alternatives were evaluated during the late 1980s, which selected ground water recovery and treatment as the remedial alternative for the site.

2.2 Site Remedial Program

The ground water recovery system at the former Kay Fries site consisted of three recovery trenches. Trench 1 was installed as an Interim Remedial Measure (IRM) during August 1994. Trenches 2 and 3 were installed during June 1995 as part of the final remedy required in the ROD for Operable Unit 1, dated April 14, 1994.

Based upon the successful remediation conducted from 1995 through 2013 and the relatively low compound concentrations remaining at the site, a ground water monitoring program was proposed to evaluate ground water quality conditions over time.

During 2012, the NYSDEC approved suspension and decommissioning of the GWTS, Trench 1, and Trench 2 as a result of significantly decreased contaminant levels impacting ground water below the OU1 section of the site. Subsequently, the NYSDEC approved the GWTS Decommissioning Plan in 2013.

Based on the favorable results of long-term monitoring data, and adjacent property redevelopment activities proposed for the area of Trench 3 during 2006, Evonik requested decommissioning of Trench 3 in correspondence to the NYSDEC dated March 9, 2006. The NYSDEC subsequently approved the request for Trench 3 closure in their correspondence dated August 3 and August 28, 2006, and closure activities were completed during July 2007.

2.3 Current Site Status and Remedy

During a site meeting with the NYSDEC on May 19, 2011, Evonik and ECM outlined the current conditions of the GWTS and the requirements to upgrade the antiquated control panel, replace the carbon vessels and equipment (i.e., pumps and level controls) that would be necessary to re-activate the GWTS and projected cost for the upgrades. Based upon the successful remediation conducted from 1995 through the present and the relatively low compound concentrations remaining at the site, a ground water monitoring program to evaluate ground water quality conditions over time was proposed in lieu of the GWTS upgrade and continued operation.

The NYSDEC conditionally approved the proposed ground water monitoring program and enhanced in-situ remediation surrounding MW-31 in their e-mail dated April 23, 2012. On August 2, 2013, a GWTS Decommissioning and Closure Workplan inclusive of the OU2 interceptor sump was submitted to the NYSDEC. The decommissioning and closure workplan was subsequently approved by the NYSDEC.

In accordance with the Decommissioning and Closure Workplan, the GWTS, inclusive of the OU2 interceptor sump, was decommissioned from November 29th, 2016 through December 1st, 2016. The details of decommissioning and closures activities were submitted to the NYSDEC in the OU1 and OU2 GWTS Decommissioning and Closure Report on November 6, 2019.

Additionally, during 2019 concurrent with the abandonment and reinstallation of MW-43, four monitoring wells (including MW-43) were decommissioned and abandoned after NYSDEC approval (NYSDEC e-mail dated May 22, 2019. In accordance with the NYSDEC and Rockland County Department of Health (RCDOH) decommissioning requirements, MW-40, MW-43, MW-61, and MW-72 were abandoned on July 28, 2019. MW-43 was reinstalled by Core Down Drilling, LLC on June 21, 2019.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The OU1 GWTS was effectively processing ground water from three Recovery Trenches 1, 2, and 3 and was compliant with the NYSDEC effluent discharge criteria from the inception of operation from 1995 through 2010. As a result of effective GWTS operations, a significant reduction in contaminant levels was achieved. A comparative review of historical analytical data from the investigative results during 1990 and 1991 which reported significantly higher concentrations of benzene (67,000 µg/L) and chlorobenzene (260 µg/L) in the source area well (TB-9) have been successfully reduced to not detected levels in TB-9 and downgradient of the former Trench 1. The total VOC concentration affecting ground water quality surrounding MW-31 upgradient of the former Trench 2 has also been reduced significantly from the initial investigation during 1990.

During the 2020 monitoring period, synoptic water level measurements were collected on September 18, 2020, and ground water monitoring was conducted as required by the site long-term ground water monitoring program presented in the 2019 PRR.

4.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN COMPLIANCE REPORT

The institutional control for the site is the Environmental Easement that will be included as an addendum to the Site Management Plan (SMP). The Environmental Easement for the site has been approved by the NYSDEC, fully executed by the property owner (MBC Holdings LLC), and submitted to the NYSDEC on September 16, 2020, and is currently pending the NYSDEC Office of General Counsel to issue the Certificate of Completion.

The engineering control to mitigate ground water at the site previously entailed the GWTS and recovery network, which effectively processed and treated ground water from the recovery trenches. As a result of the successful GWTS operations (1995 through 2010), the NYSDEC approved the decommissioning and closure of the GWTS and recovery trenches. The GWTS, inclusive of the OU2 interceptor sump, was decommissioned from November 29th, 2016 through December 1st, 2016. The OU1 and OU2 GWTS Decommissioning and Closure Report were submitted to the NYSDEC on November 6, 2019.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Ground Water Flow

During this reporting period and as required by the site monitoring program, synoptic water level measurements were collected from the site wells and piezometers within OU1 and OU2 on September 18, 2020. The synoptic water level-elevation data is compiled and summarized in Appendix A and ground water level-elevation contour maps for the OU1 and OU2 event are presented in Figures 3 and 4.

Ground water flow direction upgradient of the former Recovery Trenches 1 and 2 is consistent with ground water flow patterns historically observed within OU1. Ground water flow is oriented primarily to the east, with a slight southeast component observed during 2020. The ground water flow patterns within OU2 during the same period are oriented primarily to the east/northeast as observed historically for this section of the site.

5.2 Ground Water Monitoring Program

5.2.1 Long Term Ground Water Monitoring Program

The long-term ground water monitoring program for the OU1 portion of the site was approved by the NYSDEC in January 1997. The monitoring program originally consisted of sampling nine monitoring wells: TB-9, TB-23, MW-28, MW-31, MW-35, MW-41, MW-43, MW-49, and MW-61. Wells MW-35, MW-41, and MW-49 were removed from the monitoring program in 2002 following an extended period of non-detected results for all VOC constituents. Starting in the first semi-annual 2007 monitoring period, semi-annual sampling of MW-40 was added to the monitoring program to assess ground water quality upgradient of the former Trench 3 after Trench 3 closure. Based upon effective GWTS operations and decreasing VOC levels reported below the OU1 section of the site, several wells were proposed to be eliminated from the monitoring program in previous PRRs. Based on the 2019 PRR recommendation and NYSDEC approval, the 2020 long term ground water monitoring program entailed annual monitoring of PZ-23, MW-24, MW-31, MW-36, MW-43, MW-71, and MW-54 during September 2020. The NYSDEC 2017 PRR approval letter dated July 16, 2017, approved the recommendation to sample the site long-term ground water monitoring wells on an annual basis in September.

The wells from the commencement of the monitoring program were analyzed for NYSDEC Target Compound List (TCL) VOCs plus 15 library search compounds, including a search for Methyl Isobutyl Ketones [MIBK] and 1,4-dioxane (TCL-VOC+15). Additionally, during 2007, four monitoring points along the eastern property boundary (PZ-12, MW-33S, MW-43, and MW-44) were sampled annually through 2011 to assess the potential impact to site ground water from adjacent landfilling activities. These samples were analyzed for TCL Base Neutral Compounds (BNs) plus 15 library search compounds (TCL-BN+15), priority pollutant metals (PP Metals), and manganese. The 2011 PRR findings indicated that the select metals reported in these wells were a result of the backfill and landfilling activities during the construction of the adjacent property east of the site. As such, it was proposed to cease sampling from these wells and the NYSDEC subsequently concurred as documented in their April 23, 2012 letter.

5.2.2 MW-31 In-Situ Post-Application Ground Water Monitoring Program

Based upon the successful GWTS operation combined with the MW-31 in-situ remediation during 2012, VOC concentrations have been significantly reduced in ground water below the OU-1 section of the site. Based on these results, a combined ground water monitoring program consisting of the long-term ground water monitoring wells and the MW-31 in-situ post-application wells were included in the monitoring program to evaluate the response and effectiveness of the RegenOx® /ORC Advanced® treatment to ground water quality conditions.

5.2.3 MW-24 and MW-71 Delineation Results Ground Water Monitoring Program

The OU1 MW-31 In-Situ Workplan (March 2012) presented the details of the proposed subsurface application of RegenOx® combined with ORC Advanced® to enhance ground water remediation in the area proximal to MW-31. As part of the NYSDEC Workplan approval, and as proposed and approved by the NYSDEC in the MW-24 and MW-71 Delineation Results Report, MW-24 sampling was included in the annual monitoring program (September 2015).

The MW-31 In-Situ WP proposed the installation of three delineation monitoring wells, MW-70, MW-71, and MW-72, during July 2012 to assess the effectiveness of the in-situ remediation. The three wells were installed up-gradient (MW-71) and cross-gradient (MW-70 and MW-72) of MW-31. During the December 2012 post-application sampling of MW-71 (up-gradient well), DNAPL was observed within the well. The DNAPL was reported to the NYSDEC in an e-mail dated March 18, 2013, entitled *MW-31 Workplan Results*

Summary. The Results Summary stated that the DNAPL would be gauged and sampled to assess the composition of the material.

Based on the chlorinated VOCs reported in MW-24 and DNAPL in MW-71, the NYSDEC requested a delineation workplan to assess the extent of the VOCs and DNAPL proximal to MW-24 and MW-71, respectively. The MW-24 and MW-71 Delineation Workplan was submitted to the NYSDEC on August 2, 2013. The NYSDEC approved the MW-71 and MW-24 Delineation Workplan in their letter dated August 26, 2013.

The results of the MW-24 and MW-71 delineation program were submitted to the NYSDEC on August 8, 2014, and subsequently approved by the NYSDEC in their letter dated October 9, 2014.

Based on the results, the delineation of VOCs reported in MW-24 has been completed and annual monitoring of MW-24 and downgradient well PZ-23 was proposed concurrently with the OU1 long term ground water monitoring program. The MW-24 and PZ-23 sampling was conducted on September 18, 2020, and the results are presented in Section 5.3 of this PRR.

5.2.4 Current Ground Water Monitoring Program

Based on the results of the long-term ground water monitoring program presented in the 2019 PRR, the NYSDEC approved the following ground water monitoring program for the OU1 and OU2 wells:

Long-Term Ground Water Monitoring Program		
Monitoring Well	**Frequency**	**Analytical Program**
Operable Unit 1		
MW-31	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-36	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-71	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
PZ-23	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-24	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-43	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
Operable Unit 2		
MW-54	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane

The OU1 and OU2 ground water monitoring program results are presented in the subsection below.

5.3 Annual Ground Water Monitoring Results

The 2020 annual ground water monitoring event was conducted on September 18, 2020. The wells were analyzed for TCL-VOCs+15 and a search for MIBK and 1,4-dioxane. The laboratory analysis was performed by Test America (TA) Eurofins Laboratories of Edison, New Jersey, a New York State certified laboratory (NYSDEC Certification #11452). The results of the September 2020 ground water monitoring events for OU1 and OU2 are summarized in Table 1 and depicted on Figure 5 and Figure 6, respectively. The analytical data package is included in Appendix B. The results of the September sampling event are presented below.

Consistent with the 2019 PRR, a review of the analytical results indicated that out of the six wells analyzed for TCL-VOC+15 within OU1, only three wells, MW-24, MW-31, and MW-71, reported select VOCs above the NYSDEC-GWQC. The results are summarized below.

a. As proposed in the MW-24 and MW-71 Delineation Results Report and approved by the NYSDEC in their letter dated October 9, 2014, sampling of MW-24 and downgradient well PZ-23 would be conducted annually during September of each calendar year concurrent with the long-term ground water monitoring program. The MW-24 delineation results concluded that the delineation of the VOCs was successful; the VOC levels are localized towards MW-24; and, based on the delineation results, a decreasing trend in VOCs would be expected to continue over time. A review of the MW-24 results indicated that of the VOCs historically reported in MW-24 (benzene, chlorobenzene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, trichloroethene [TCE], and vinyl chloride) benzene and TCE have been reported at levels below the GWQC since 2016 (Tables 1 & 5). The other four VOCs reported in MW-24 were consistent with levels reported in previous sampling events; however, generally showing a decreasing trend as expected over time (Table 5).

b. The PZ-23 results (downgradient east of MW-24; Table 1; Figure 5) were reported as not detected or below the NYSDEC GWQC indicating that the levels reported in MW-24 are not migrating downgradient to the east.

c. Three VOCs (benzene, chlorobenzene, and chloroethane) were reported in MW-31 above the GWQC, at levels slightly higher than the September 2019 sampling event, except for the benzene level which continues to decrease in concentration. These three compounds have been the only VOCs reported in MW-31 (Table 2) since the in-situ application during 2012.

d. The results from the downgradient well, MW-36, indicated VOCs were not detected or below the GWQC, indicating that the levels reported in the upgradient wells are not migrating downgradient to the east.

e. Downgradient monitor well, MW-43 results were reported as not detected and/or below the GWQC (Table 1).

f. The upgradient well MW-71 contained benzene and chlorobenzene at levels above the GWQC; however, the benzene level continues to decrease whereas, the chlorobenzene level was reported slightly higher than 2019 (Table 4).

g. A review of the analytical results for MW-54 within OU2 reported tetrachloroethene (PCE) consistent but slightly elevated from previous sampling events at a level marginally above the NYSDEC-GWQC. (Table 6; Figure 6).

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE REPORT

Operation and maintenance activities were not conducted in 2020 as a result of the GWTS cessation, decommissioning, and closure. As previously stated, the OU1 and OU2 GWTS components were decommissioned and closed from November 29th through December 1st, 2016, and were reported to the NYSDEC in the OU1 and OU2 GWTS Decommissioning and Closure Report on November 6, 2019.

7.0 TECHNICAL CONCLUSIONS AND RECOMMENDATIONS

The site monitoring plan activities conducted during the January through December 2020 monitoring period are summarized below.

- The site-wide ground water monitoring program was conducted on September 18, 2020.
- This Periodic Review Report was prepared for the period of January through December 2020.

Based on the information presented herein, the conclusions and recommendations for the OU1 and OU2 sections of the site are presented below.

1. The results of the monitoring events conducted from January through December 2020 have documented the continued decreasing trend of the low-level VOCs reported in the wells with minor fluctuation in the reported results. The results in three of the six wells, downgradient wells PZ-23, MW-36, and MW-43 have consistently reported levels below or not detected above the GWQC (Table 1: Figure 5),

2. Three VOCs (benzene, chlorobenzene, and chloroethane) were reported in MW-31 during the September 2020 sampling event. Since the 2012 In-Situ application benzene, chlorobenzene, and chloroethane are the only three compounds reported in MW-31. The concentration of benzene and chloroethane has shown a decreasing trend after the In-Situ application in 2012. After the In-Situ application, benzene levels have decreased by approximately 98% through 2020 and are marginally above the GWQC of 1.0 µg/L (Table 2). The concentration of chlorobenzene has fluctuated slightly and remained relatively consistent with previous sampling events. As previously reported, the absence of compounds of concern downgradient of MW-31 in MW-36 documents that the reported VOCs are localized to the area around MW-31 and are not migrating downgradient to the east.

3. The VOC concentrations reported in MW-24 remain localized to the area proximal to MW-24 (Figure 5). The presence of the degradation compounds (cis-1,2-dichloroethene, trans-1,2-dichloroethane, and vinyl chloride) is an indicator that anaerobic reductive dechlorination is occurring in the area proximal to MW-24. As such, over time, a decreasing trend in VOCs has

occurred. Benzene has been consistently reported below the GWQC (Table 5) and was reported as an estimated concentration below the GWCQ in September 2020. The trichloroethene concentration has decreased consistently since 2013 and has been below the NYSDEC GWQC for the last four years. Chlorobenzene and vinyl chloride concentrations, although marginally above the GWQC have shown a decreasing trend. The trans-1,2-dichloroethane level in MW-24 is the only VOC that continues to fluctuate. The absence of these VOCs further downgradient of MW-24 in PZ-23 and MW-43 (Figure 5), document that the reported VOCs are localized to the area around MW-24 and not migrating downgradient to the east.

4. The VOC concentrations reported in the MW-71 ground water samples that are above the NYSDEC GWQC (Table 4) have been limited to benzene and chlorobenzene. These two VOCs are the only compounds detected in MW-71 since the inception of the monitoring program in 2012. The benzene and chlorobenzene levels have fluctuated over time but the benzene concentration has been trending down since April 2017 and remains marginally above the GWQC (Table 4). The presence of only these two VOC compounds in MW-71 is an indication that the DNAPL is not highly water-soluble, as previously characterized by Dakota Technologies, Inc. during the MW-71 delineation program. The VOC concentrations have been reported as not detected in down-gradient well MW-36, which further supports that the DNAPL is not contributing to VOCs in ground water down-gradient to the east.

5. VOCs were not detected and/or report above the NYSDEC GWQC in the downgradient MW-43 during the September 2020 event (Table 1).

6. The September 2020 sampling event within OU2 indicated that only PCE was reported above the GWQC within MW-54. The PCE level remains marginally above the GWQC but has fluctuated slightly over time(Table 6). No other VOCs were reported at concentrations above their respective NYSDEC GWQC.

Based on the VOC levels reported during the monitoring period, it is proposed to continue the long-term monitoring program as presented below.

Long-Term Ground Water Monitoring Program Former Kay Fries Site Evonik Corporation Stony Point, New York		
Monitor Well	***Frequency***	***Analytical Program***
Operable Unit 1		
MW-31	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-36	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
PZ-23	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-24	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-71	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
MW-43	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane
Operable Unit 2		
MW-54	Annually, September	TCL-VOC+15 w/search MIBK, 1,4-dioxane

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During 2021, collect synoptic water level measurements from the wells within OU1 and OU2 during September to coincide with the annual ground water monitoring program.

TABLES

Table 1
Analytical Summary of Monitoring Results- OU1 & OU2; September 2020
Former Kay Fries Site – Evonik Corporation – Stony Point, New York
ECM Project #1192

	Operable Unit 1						Operable Unit 2	
Sample Identification	**PZ-23**	**MW-24**	**MW-31**	**MW-36**	**MW-43**	**MW-71**	**MW-54**	**GWQC**
Sample Date	09/18/20	09/18/20	09/18/20	09/18/20	09/18/20	09/18/20	09/18/20	
Laboratory Identification	460-218658-5	460-218658-3	460-218658-7	460-218658-6	460-218658-4	460-218658-8	460-218658-9	
TCL Volatile Organics								
1,1-Dichloroethane	ND < 0.26	0.29 J	0.42 J	ND < 0.26	ND < 0.26	2.6	ND < 0.26	5
1,1-Dichloroethene	ND < 0.26	ND < 0.26	0.36 J	ND < 0.26	ND < 0.26	ND < 0.26	ND < 0.26	5
1,4-Dioxane	86	ND < 28	40 J	180	ND < 28	ND <28	ND < 28	NA
Benzene	ND < 0.20	0.52 J	***1.3***	ND < 0.20	ND < 0.20	***1.2***	ND < 0.20	1
Chlorobenzene	ND < 0.38	***36***	***220***	1.9	ND < 0.38	***78***	ND < 0.38	5
Chloroethane	ND < 0.32	ND < 0.32	***56***	ND < 0.32	ND < 0.32	ND < 0.32	ND < 0.32	5
cis-1,2-Dichloroethene	ND < 0.22	60	ND < 0.22	ND < 0.22	ND < 0.22	ND < 0.22	ND < 0.22	NA
Tetrachloroethene	ND < 0.25	ND < 0.25	ND < 0.25	ND < 0.25	ND < 0.25	ND < 0.25	***9.3***	5
Toluene	ND < 0.38	ND < 0.38	0.64 J	ND < 0.38	ND < 0.38	0.46 J	ND < 0.38	5
trans-1,2-Dichloroethene	ND < 0.24	***33***	ND < 0.24	ND < 0.24	ND < 0.24	ND < 0.24	ND < 0.24	5
Trichloroethene	ND < 0.31	2.6	ND < 0.31	ND < 0.31	ND < 0.31	ND < 0.31	ND < 0.31	5
Vinyl chloride	ND < 0.17	***2.1***	ND < 0.17	ND < 0.17	0.17 J	ND < 0.17	ND < 0.17	2
Xylenes, Total	ND < 0.65	ND < 0.65	0.65 J	ND < 0.65	ND < 0.65	ND < 0.65	ND < 0.65	5
Total VOC	86.0	134.51	319.37	181.9	0.17	82.26	9.3	NA
Total VOC TICs	0.0	0.0	113.9	0.0	0.0	16.0	0.0	NA

NOTES:
All results reported in micrograms per liter (ug/L).
GWQC :Ground Water Quality Criteria; NYSDEC, T.O.G.S. 1.1.1 (June 1998; June 2004)
TICs :Tentatively Identified Compounds.
ND :Compound Not Detected at indicated method detection limit.
BOLD :Concentration reported above the listed GWQC.
J :Estimated value greater than the Method Detection Limit but lower than the reporting limit.
NA :No applicable GWQC.

Table 2
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-31(ug/L)
Former Kay Fries Site
Evonik Corporation, Stony Point , New York
ECM Project No.1192

Volatile Organics	Dec-90	Feb-97	May-97	Aug-97	Nov-97	May-98	Aug-98	May-99	Nov-99	May-00	Nov-00	May-01	Nov-01	Apr-02	Oct-02	Apr-03	Oct-03	Apr-04	Oct-04	Oct-05	Jun-06	Oct-06	Apr-07	Oct-07	Apr-08	Apr-09	GWQC
1,1,1 Trichloroethane	**310**	**17**	**80**	ND	ND	4.5	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	**1,700**	**1300**	**1500**	**570**	**98**	**200**	**87**	**19**	1	**43**	1.8	**6.6**	ND	ND	ND	**12**	ND	**12**	ND	ND	ND	ND	**36**	ND	ND	ND	5
Benzene	ND	**89**	**84**	**130**	**61**	**21**	**42**	**8.1**	**29**	**27**	**35**	**7.5**	**31**	**28**	**41**	**26**	**55**	**14**	**46**	**28**	**16**	**27**	**26**	**14**	**27**	**33**	1
Chlorobenzene	**55**	**160**	**180**	**210**	**81**	**41**	**110**	**18**	**49**	**66**	**84**	**27**	**72**	ND	**140**	**110**	**270**	**53**	**200**	**250**	**110**	**230**	**100**	**190**	**150**	**190**	5
Chloroethane	**780**	**370**	**290**	**390**	**240**	**120**	**460**	**59**	**190**	**99**	**500**	**50**	**350**	**1000**	**900**	**550**	**570**	**270**	**150**	**5.7**	**190**	**18**	**670**	3.6	**440**	**820**	5
Toluene	**7**	1.9	2.4	1.9	1.8	ND	ND	ND	0.5	ND	ND	ND	ND	**76**	ND	ND	1.4	ND	0.7	1	ND	0.9	ND	0.9	ND	3.2	5
Vinyl Chloride	ND	**11**	ND	**8.8**	**2.9**	**2.5**	**2.3**	ND	ND	ND	**3.2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	2

Table 2 Continued
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-31(ug/L)
Former Kay Fries Site
Evonik Corporation, Stony Point , New York
ECM Project No.1192

Volatile Organics	Dec-09	Jun-10	Nov-10	Apr-11	Aug-11	Jun-12	Aug-12	Dec-12	Mar-13	Jun-13	Sep-13	Jan-14	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Sep-15	Mar-16	Sep-16	Apr-17	Sep-17	Mar-18	Sep-18	Sep-19	Sep-20	GWQC
1,1,1 Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	1.7J	0.31J	0.85J	ND	ND	3	**190**	0.59 J	ND	ND	0.49 J	0.20 J	ND	ND	ND	ND	ND	ND	0.26 J	ND	0.43 J	0.34 J	0.42 J	5
Benzene	**38**	**14**	**28**	**32**	**22**	**14**	**13**	0.2 J	0.15 J	**61**	**33**	**42**	**34**	**20**	**32**	**32**	**11**	**18**	**8.1**	**8.8**	**21**	**3.3**	**24**	**2.4**	**1.8**	**1.3**	1
Chlorobenzene	**200**	**160**	**220**	**210**	**240**	**210**	**230**	1.5	ND	**200**	**270**	**200**	**180**	**240**	**250**	**180**	**89**	**230**	**160**	**170**	**180**	**200**	**140**	**170**	**170**	**220**	5
Chloroethane	**750**	**110**	**250**	**540**	**260**	**350**	**320**	4	ND	**1,100**	**210**	**1,100**	**1,500**	**330**	**470**	**760**	**250**	**230**	**98**	**130**	**540**	**39**	**920**	**20**	**27**	**56**	5
Toluene	ND	ND	0.73J	0.91J	0.79J	0.51J	0.66J	ND	ND	4.9 J	1.1	3.9	1.1 J	0.54 J	1.5 B	ND	2.1	0.81 J	0.40 J	0.67 J	**19**	0.49 J	**6.3**	0.53 J	0.82 J	0.64 J	5
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.3 J**	ND	ND	ND	ND	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2

Notes:
GWQC: NYSDEC Ground Water Quality Criteria
ND: Compound Not Detected Above Laboratory Method Detection Limit (MDL).
Bold: Result Exceeds NYSDEC GWQC.
J: Estimated value greater than the MDL but lower than the Reporting Limit (RL).
B: Compound was found in the blank and sample

Table 3
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-43 (ug/L)
Former Kay Fries Site
Evonik Corporation, Stony Point, New York
ECM Project No. 1192

Volatile Organics	Apr-07	Oct-07	Apr-08	Apr-09	Dec-09	Jun-10	Nov-10	Apr-11	Aug-11	Jun-12	Sep-12	Dec-12	Mar-13	Sep-13	Jan-14	Mar-14	Jun-14	Sep-14	Dec-14	Mar-15	Dec-15	Apr-17	Jun-18	Sep-19	Sep-20	GWQC
Benzene	ND	ND	0.7	**1.1**	0.92	ND	0.36 J	0.63 J	ND	0.23 J	ND	0.33J	ND	ND	0.64 J	ND	ND	ND	0.21 J	0.20 J	ND	**1.6**	ND	ND	ND	1
Chlorobenzene	ND	ND	**39**	**74**	**67**	2.4	**5.3**	**19**	0.65 J	4.3	0.78 J	**13**	ND	0.34 J	**21**	ND	ND	ND	2.0	2.9	ND	**37**	4.2	4.7	ND	5
1,2-Dichloroethane	ND	ND	**2.5**	**3.0**	**3.0**	0.6J	**0.82 J**	**2.3**	**0.89 J**	**0.99J**	ND	**1.5**	0.38 J	ND	**2.1**	0.23 J	ND	0.35 J	**0.85 J**	0.44 J	**0.61 J**	**2.0**	**0.69 J**	ND	ND	0.6

Notes:
GWQC: NYSDEC Ground Water Quality Criteria
ND: Compound Not Detected Above Laboratory Method Detection Limit (MDL).
Bold: Result exceeds NYSDEC GWQC.
J: Estimated value greater than the Method Detection Limit but lower than the reporting limit.

Table 4
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-71 (ug/L)
Former Kay Fries Site
Evonik Corporation, Stony Point, New York
ECM Project No. 1192

Volatile Organics	Aug-12	Dec-12	Mar-13	Jun-13	Sep-13	Jun-14	Sep-14	Mar-15	Sep-15	Mar-16	Sep-16	Apr-17	Sep-17	Mar-18	Sep-18	Sep-19	Sep-20	GWQC
Benzene	**13**	**19**	**15**	**11**	**12**	**11**	**7.6**	1	**13**	**4.3**	**4.3**	**5.3**	**5.3**	**4.2**	**3.2**	**1.2**	**1.2**	1
Chlorobenzene	**200**	**210**	**180**	**120**	**190**	**160**	**120**	17	**160**	**60**	**64**	**69**	**84**	**66**	**64**	**39**	**78**	5
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65 J	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	2.6	2.6	5

Notes:
GWQC: NYSDEC Ground Water Quality Criteria.
Bold: Compound Reported Above GWQC
ND: Compound not detected

Table 5
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-24 (ug/L)
Former Kay Fries Site
Evonik Corporation, Stony Point, New York
ECM Project #1192

Volatile Organics	August 2011	August 2012	December 2012	July 2013	September 2013	March 2014	September 2014	September 2015	September 2016	September 2017	September 2018	September 2019	September 2020	GWQC
Benzene	**1.7**	0.93 J	**1.3**	**1.1**	0.37 J	ND<0.080	0.41 J	0.96 J	0.86 J	**3.4**	1.0	0.91 J	0.52 J	1
Chlorobenzene	**43**	**41**	**55**	**46**	**24**	**25**	**21**	**58**	**46**	**150**	**51**	**42**	**36**	5
Cis-1,2-dichloroethene	20	31	48	34	38	49	32	47	36	30	38	33	60	NA
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26 J	0.52 J	ND	5
Trans-1,2-dichloroethene	**10**	**18**	**29**	**19**	**20**	**30**	**19**	**30**	**25**	**21**	**25**	**19**	**33**	5
Trichloroethene (TCE)	**32**	**28**	**29**	**20**	**35**	**27**	**25**	**11**	**7.3**	0.81 J	4.7	4.2	2.6	5
Vinyl chloride	**6.7**	**9.3**	**18**	**6.4**	**2.3**	**4.3**	**2.4**	**8**	**5.2**	**26**	**5.5**	**4.6**	**2.1**	2

Notes:
GWQC: NYSDEC Ground Water Quality Criteria
ND: Compound Not Detected
Bold: Compound Reported Above GWQC
J: Estimated value greater than the Method Detection Limit but lower than the reporting limit.

Table 6
Historical Summary of Detected Volatile Organic Compounds Monitoring Well MW-54
Former Kay Fries Site
Evonik Corporation, Stony Point , New York
ECM Project No.1192

Volatile Organics	Apr-94	Nov-95	Nov-96	Aug-11	Jun-12	Sep-13	Sep-14	Dec-15	Apr-17	Jun-18	Sep-18	Sep-19	Sep-20	GWQC (ug/L)
1,1,1 Trichloroethane	***16***	***14***	***7 J***	ND	0.67 J	ND	ND	0.30 J	ND	ND	0.30 J	0.33 J	ND	5
1,2-Dichloroethene	2 J	ND	0.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Acetone	ND	ND	ND	ND	19	ND	ND	13	ND	ND	ND	ND	ND	50
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39 JB	ND	ND	ND	50
Chloroform	7 J	***12***	3 J	ND	0.69 J	0.30 J	ND	0.61 J	0.65 J	ND	ND	ND	ND	7
Tetrachloroethene	***15***	***21***	***17***	***11***	***12***	***15***	***13***	***9.5***	***6.0***	***7.7***	***7.6***	***8.9***	***9.3***	5
Trichloroethene	ND	ND	0.5 J	ND	0.18 J	ND	ND	ND	ND	ND	ND	ND	ND	5

Notes:

All results reported in micrograms per liter (ug/L).

GWQC :NYSDEC Ground Water Quality Criteria

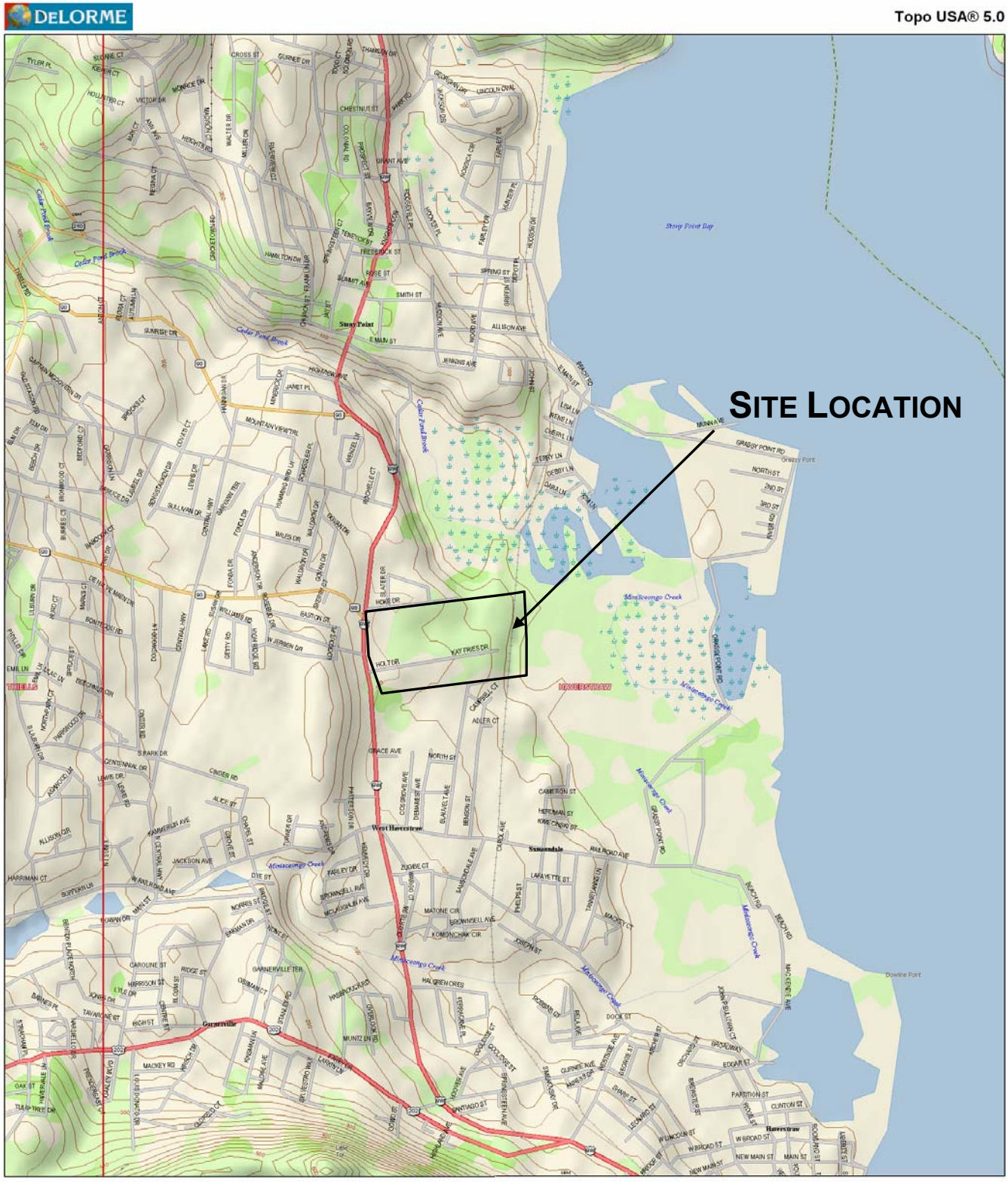
ND :Compound Not Detected Above Laboratory Method Detection Limit (MDL).

Bold :Result Exceeds NYSDEC GWQC.

J :Estimated value greater than the MDL but lower than the Reporting Limit (RL).

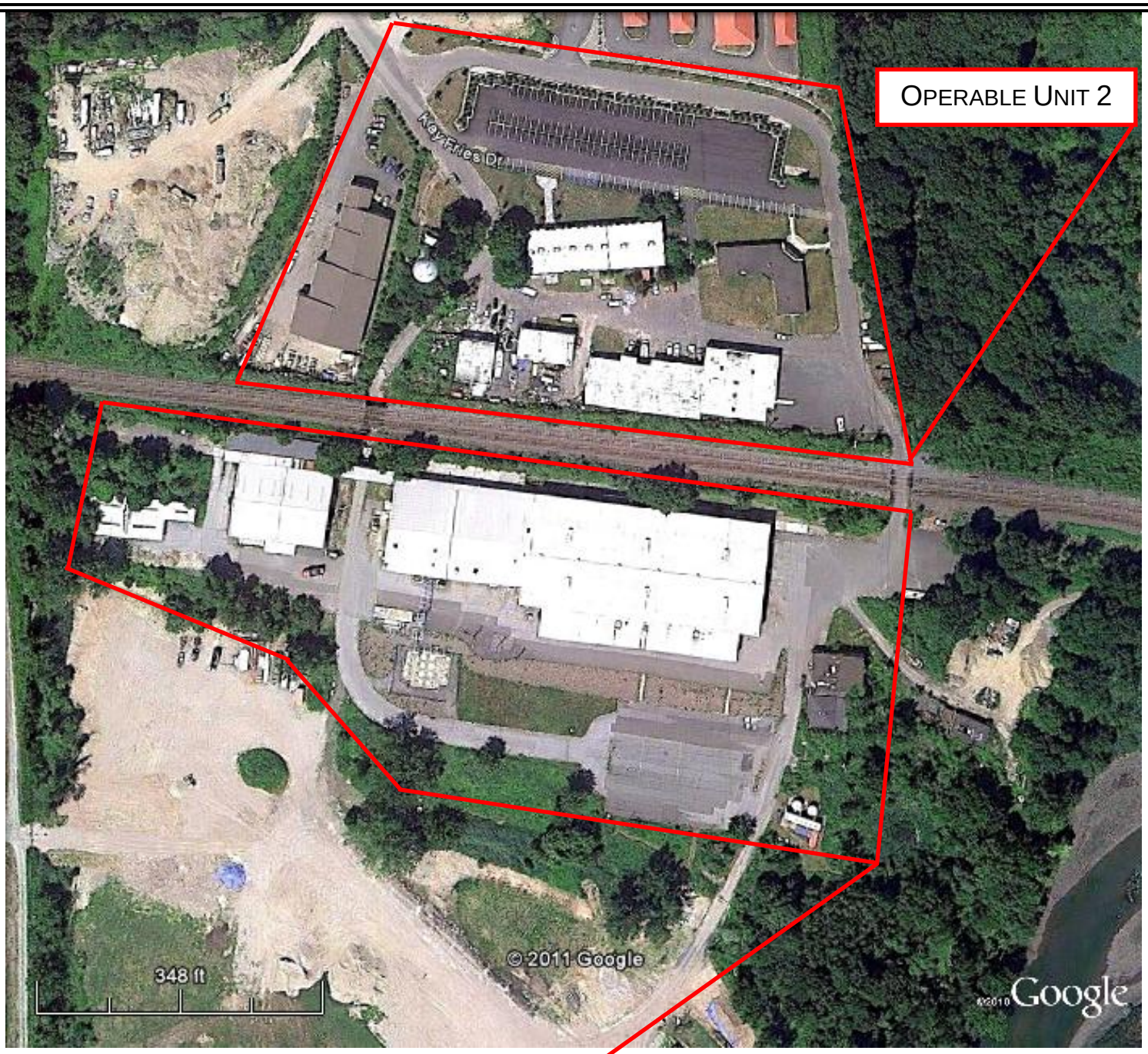
B :Compound was found in the blank and sample

FIGURES



	ECM environmental compliance monitoring, inc. 349 Route 206 • Hillsborough, NJ • 08844 • 908-874-0990
United States Department of the Interior Geological Survey - 7.5 minute Quadrangle *Haverstraw,* N.Y	**FIGURE 1** **SITE LOCATION MAP** FORMER KAY FRIES SITE STONY POINT, NEW YORK

↑ North	Scale: 1" = 4,000'	Date: 3/15/11	ECM Project # 1192



Source: "Stony Point, NY." **Google Earth**. 2011. March 15, 2011.

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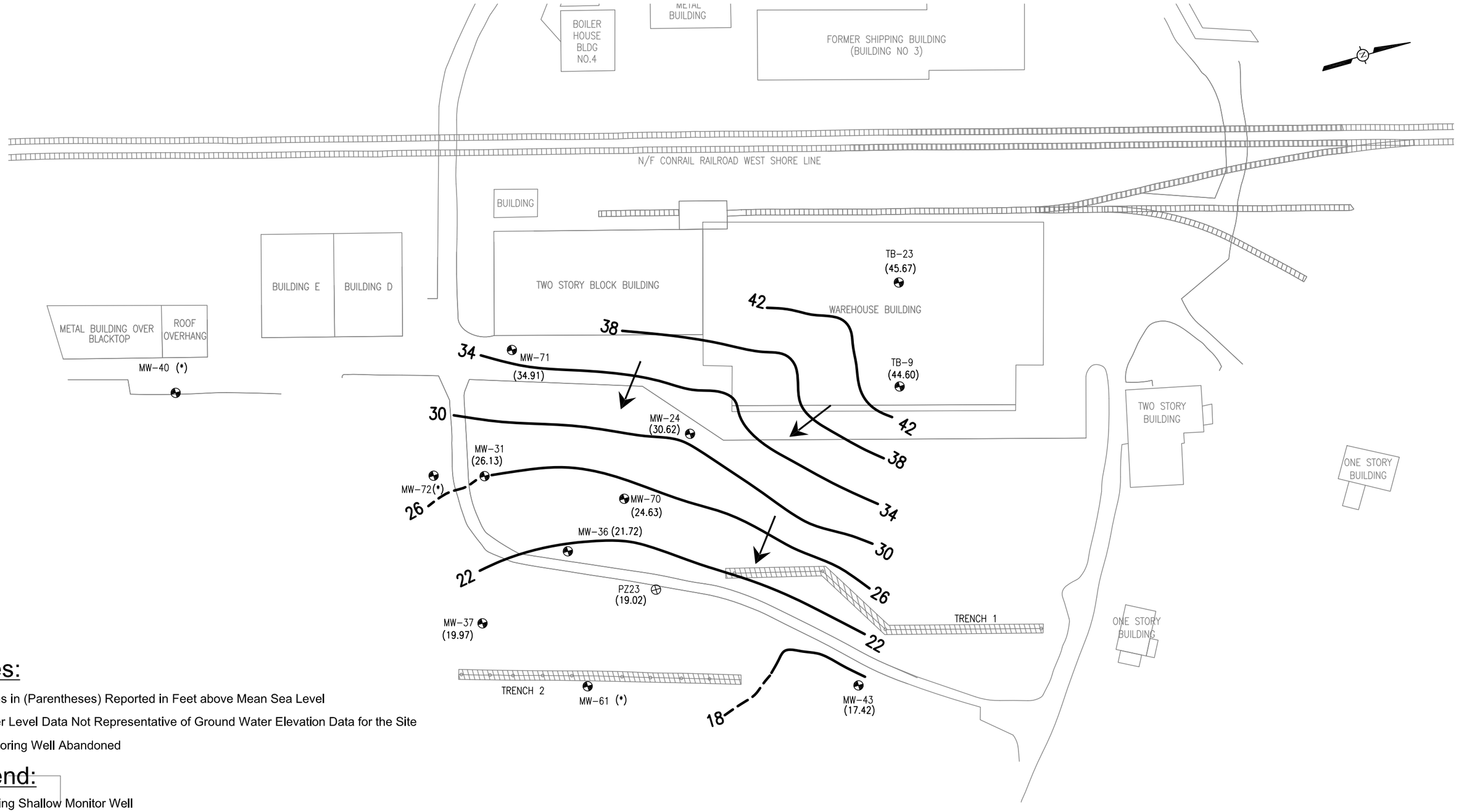
FIGURE 2
OPERABLE UNIT 1 AND 2 LOCATION MAP
FORMER KAY FRIES SITE
STONY POINT, NEW YORK

North →	Scale: As Shown	Date: 3/15/11	ECM Project # 1192



Notes:

Elevations in (Parentheses) Reported in Feet above Mean Sea Level

(+) Water Level Data Not Representative of Ground Water Elevation Data for the Site

(*) Monitoring Well Abandoned

Legend:

- Existing Shallow Monitor Well
- Existing Piezometer
- Ground Water Flow Direction
- Inferred Ground Water Elevations

SCALE:	CHECKED BY:	
1" = 64'	CB	Former Kay Fries Site 50 Holt Drive Stony Point, NY
DATE:	PROJECT NO:	
03/2021	1192	

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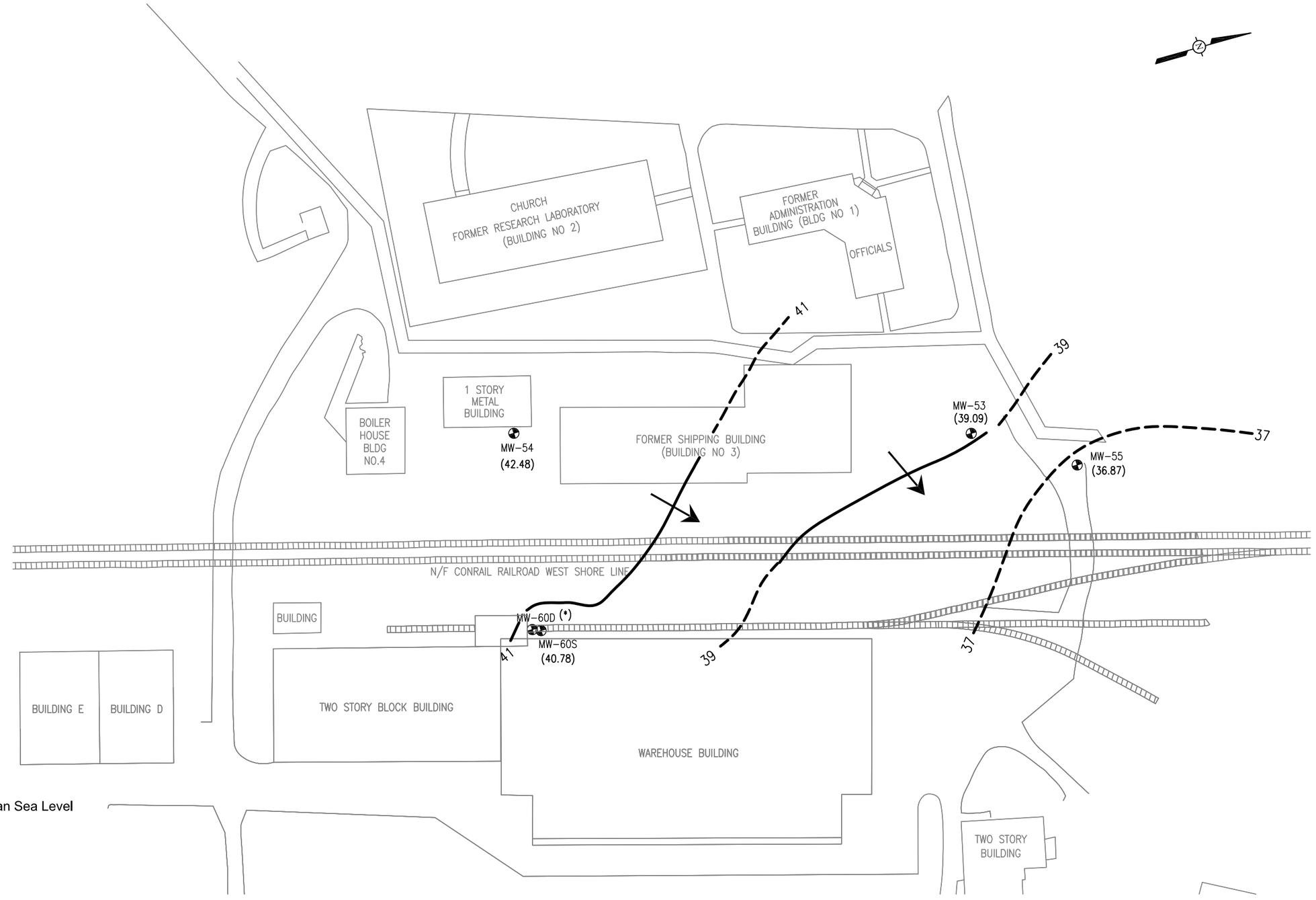
FIGURE 3
OPERABLE UNIT-1
GROUND WATER CONTOUR MAP
SEPTEMBER 2020



Notes:

Elevations in (Parentheses) Reported in Feet Above Mean Sea Level

(*) Monitoring Well Abandoned

Legend:

Existing Shallow Monitor Well

Ground Water Flow Direction

Inferred Ground Water Elevations

SCALE:	CHECKED BY:
1" = 64'	CB
DATE:	PROJECT NO:
03/2021	1192

Former Kay Fries Site
50 Holt Drive
Stony Point, NY

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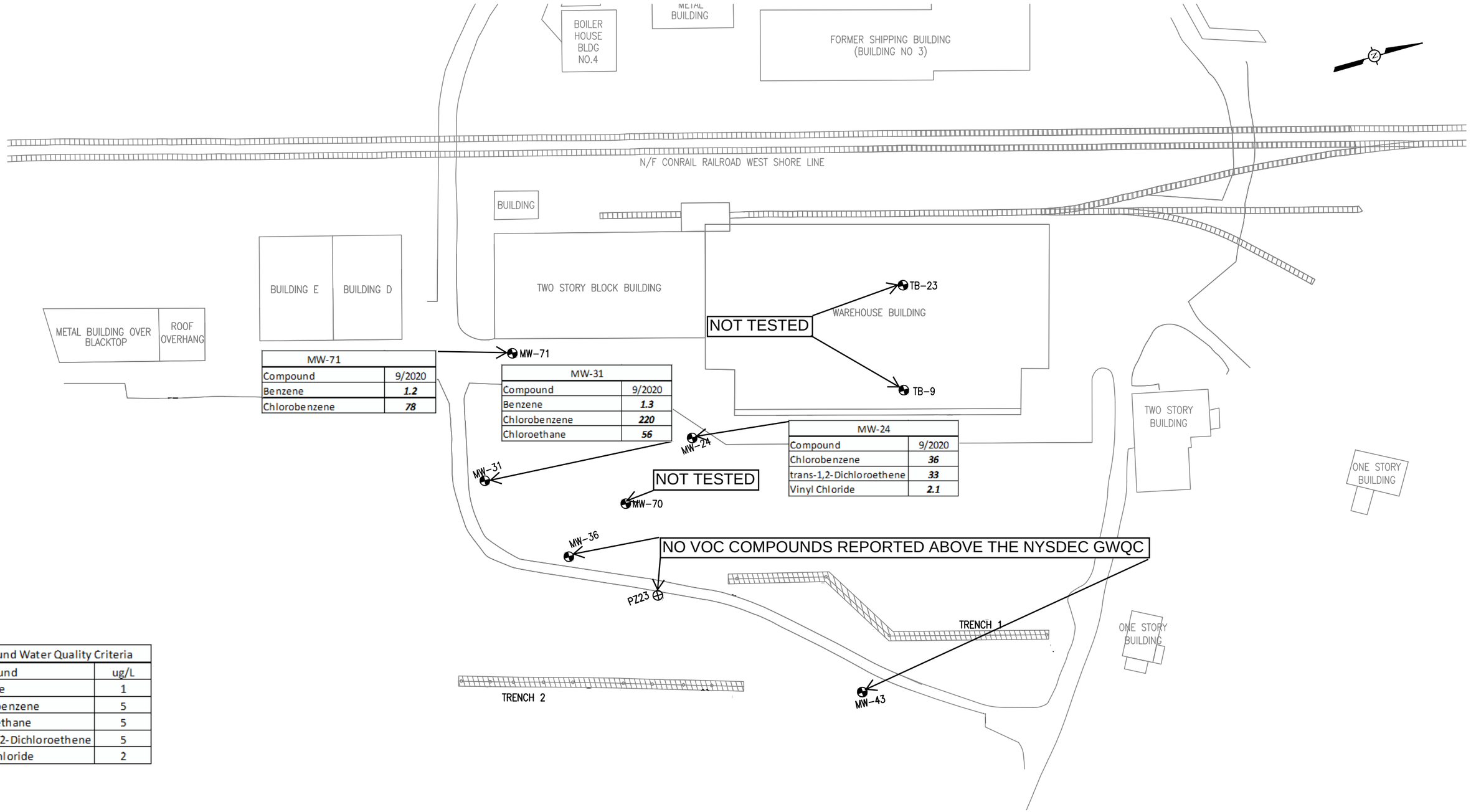
FIGURE 4
OPERABLE UNIT-2
GROUND WATER CONTOUR MAP
SEPTEMBER 2020



Ground Water Quality Criteria	
Compound	ug/L
Benzene	1
Chlorobenzene	5
Chloroethane	5
trans-1,2-Dichloroethene	5
Vinyl Chloride	2

Legend:

- Existing Shallow Monitor Well
- Existing Piezometer

SCALE:	CHECKED BY:	
1" = 64'	CB	Former Kay Fries Site 50 Holt Drive Stony Point, NY
DATE:	PROJECT NO:	
02/2021	-1192	

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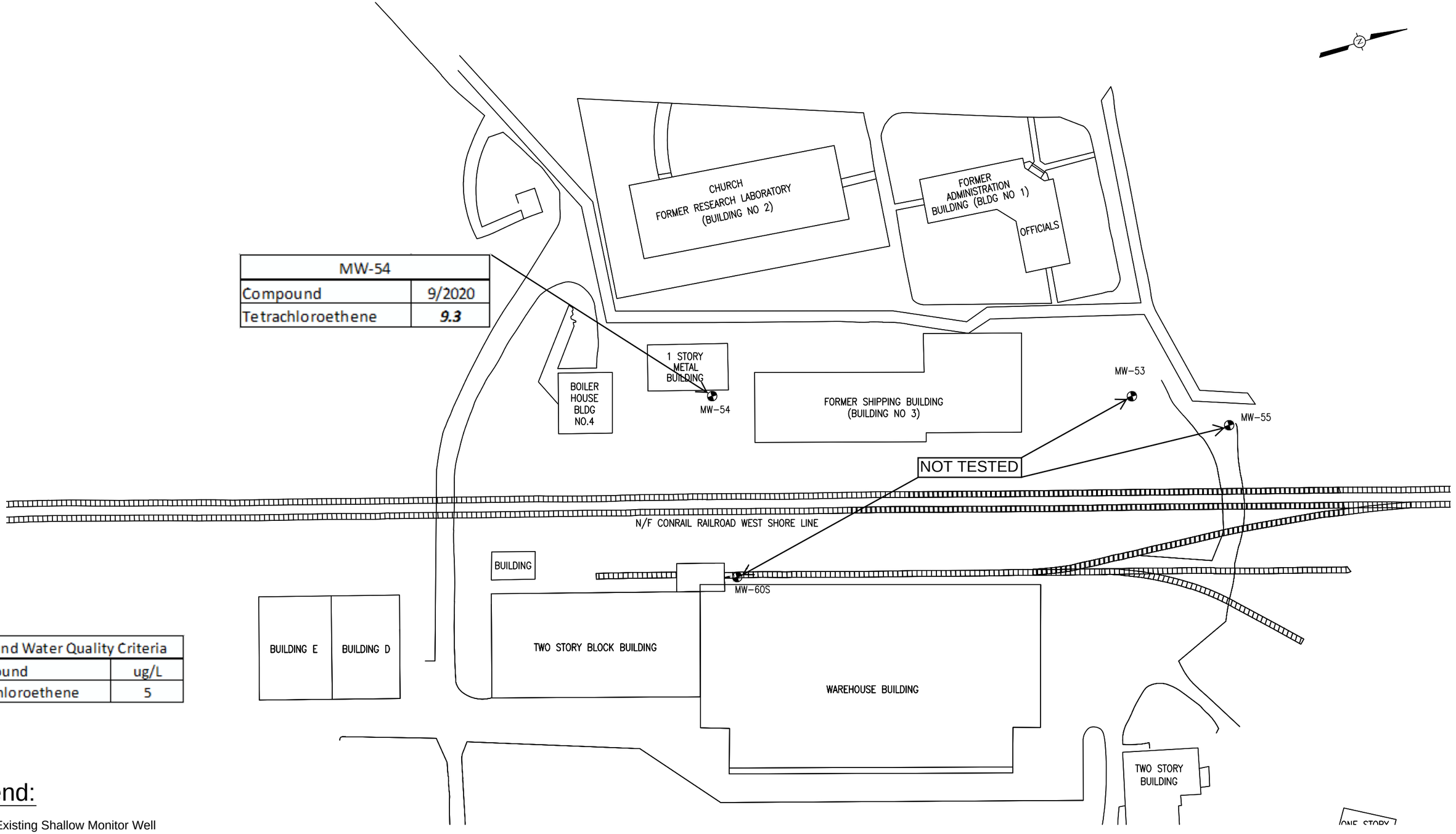
FIGURE 5
Analytical Results Summary for OU1
September 2020



MW-54	
Compound	9/2020
Tetrachloroethene	***9.3***

Ground Water Quality Criteria	
Compound	ug/L
Tetrachloroethene	5

Legend:

Existing Shallow Monitor Well

SCALE:	CHECKED BY:	
1" = 64'	CB	Former Kay Fries Site 50 Holt Drive Stony Point, NY
DATE:	PROJECT NO:	
02/2021	1192	

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FIGURE 6
Analytical Results Summary for OU2
September 2020

APPENDICES

APPENDIX A

SUMMARY OF GROUND WATER LEVEL MEASUREMENTS AND SURVEY DATA

Evonik Corporation, Former Kay Fries Site, Stony Point, NY
Annual Water Level Measurements
ECM Project #1192
September 18, 2020

Well/Piezometer Number	PVC Elevation (Ft MSL) [a]	Depth to Water (Feet from top of PVC)	Groundwater Elevation (Ft MSL)	Survey Data [a]	
				Northing	Easting
PZ-23	24.82	5.80	19.02	10190.24	10553.66
TB-9	47.27	2.67	44.60	10733.06	10416.77
TB-23	53.75	8.08	45.67	10751.22	10349.58
MW-24	44.63	14.01	30.62	10555.56	10423.25
MW-31	34.13	8.00	26.13	10370.44	10411.13
MW-36	22.94	1.22	21.72	10423.01	10494.34
MW-37	21.80	1.83	19.97	10333.40	10534.38
MW-43	27.37	9.95	17.42	-	-
MW-70	31.18	6.55	24.63	10421.61	10322.10
MW-71	43.71	8.80	34.91	10314.62	10395.72
OU-2					
MW-53	53.31	14.22	39.09	11020.53	10189.13
MW-54	57.21	14.73	42.48	10671.28	10090.66
MW-55	53.66	16.79	36.87	11101.93	10233.91
MW-60S	50.06	9.28	40.78	10639.42	10243.82

APPENDIX B

ANALYTICAL DATA PACKAGE – SEPTEMBER 2020

APPENDIX B

ANALYTICAL DATA PACKAGES – SEPTEMBER 2020

ANALYTICAL REPORT

Job Number: 460-218658-1

Job Description: 1192 - AGWM 9/2020

For:
ECM, Inc.
PO BOX 427
Neshanic Station, NJ 08853

Attention: Mr. Bruce Manganiello



Approved for release.
Grace Chang
Project Manager II
9/30/2020 3:37 PM

Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)593-2579
Grace.Chang@Eurofinset.com
09/30/2020

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

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CASE NARRATIVE

Client: ECM, Inc.

Project: 1192 - AGWM 9/2020

Report Number: 460-218658-1

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 9/18/2020 2:46 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.3º 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.

TB (460-218658-1)

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 TB (460-218658-1), FB (460-218658-2), MW-24 (460-218658-3), MW-43 (460-218658-4), PZ-23 (460-218658-5), MW-36 (460-218658-6), MW-31 (460-218658-7), MW-71 (460-218658-8) and MW-54 (460-218658-9) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 09/25/2020 and 09/27/2020.

Bromomethane exceeded the RPD limit for LCSD 460-726662/5. Refer to the QC report for details.

The continuing calibration verification (CCV) associated with batch 460-726662 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-726662 recovered outside control limits for the following analyte: Bromomethane.

No other difficulties were encountered during the volatiles analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: ECM, Inc.
Job ID: 460-218658-1
Project/Site: 1192 - AGWM 9/2020

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-218658-1	TB	Water	09/18/20 13:07	09/18/20 14:46	
460-218658-2	FB	Water	09/18/20 09:31	09/18/20 14:46	
460-218658-3	MW-24	Water	09/18/20 09:35	09/18/20 14:46	
460-218658-4	MW-43	Water	09/18/20 10:15	09/18/20 14:46	
460-218658-5	PZ-23	Water	09/18/20 10:53	09/18/20 14:46	
460-218658-6	MW-36	Water	09/18/20 11:37	09/18/20 14:46	
460-218658-7	MW-31	Water	09/18/20 12:03	09/18/20 14:46	
460-218658-8	MW-71	Water	09/18/20 12:40	09/18/20 14:46	
460-218658-9	MW-54	Water	09/18/20 13:07	09/18/20 14:46	

Detection Summary

Client: ECM, Inc.
Project/Site: 1192 - AGWM 9/2020

Job ID: 460-218658-1

Client Sample ID: TB — Lab Sample ID: 460-218658-1

No Detections.

Client Sample ID: FB — Lab Sample ID: 460-218658-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.44	J	1.0	0.32	ug/L	1		8260C	Total/NA

Client Sample ID: MW-24 — Lab Sample ID: 460-218658-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.29	J	1.0	0.26	ug/L	1		8260C	Total/NA
Benzene	0.52	J	1.0	0.20	ug/L	1		8260C	Total/NA
Chlorobenzene	36		1.0	0.38	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	60		1.0	0.22	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	33		1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	2.6		1.0	0.31	ug/L	1		8260C	Total/NA
Vinyl chloride	2.1		1.0	0.17	ug/L	1		8260C	Total/NA

Client Sample ID: MW-43 — Lab Sample ID: 460-218658-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.17	J	1.0	0.17	ug/L	1		8260C	Total/NA

Client Sample ID: PZ-23 — Lab Sample ID: 460-218658-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	86		50	28	ug/L	1		8260C	Total/NA

Client Sample ID: MW-36 — Lab Sample ID: 460-218658-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	180		50	28	ug/L	1		8260C	Total/NA
Chlorobenzene	1.9		1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: MW-31 — Lab Sample ID: 460-218658-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.42	J	1.0	0.26	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.36	J	1.0	0.26	ug/L	1		8260C	Total/NA
1,4-Dioxane	40	J	50	28	ug/L	1		8260C	Total/NA
Benzene	1.3		1.0	0.20	ug/L	1		8260C	Total/NA
Chlorobenzene	220		1.0	0.38	ug/L	1		8260C	Total/NA
Chloroethane	56		1.0	0.32	ug/L	1		8260C	Total/NA
Toluene	0.64	J	1.0	0.38	ug/L	1		8260C	Total/NA
Xylenes, Total	0.65	J	2.0	0.65	ug/L	1		8260C	Total/NA

Client Sample ID: MW-71 — Lab Sample ID: 460-218658-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.6		1.0	0.26	ug/L	1		8260C	Total/NA
Benzene	1.2		1.0	0.20	ug/L	1		8260C	Total/NA
Chlorobenzene	78		1.0	0.38	ug/L	1		8260C	Total/NA
Toluene	0.46	J	1.0	0.38	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ECM, Inc.
Project/Site: 1192 - AGWM 9/2020

Job ID: 460-218658-1

Client Sample ID: MW-54

Lab Sample ID: 460-218658-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	9.3		1.0	0.25	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: ECM, Inc.
Project/Site: 1192 - AGWM 9/2020

Job ID: 460-218658-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 ID: TB

Date Collected: 09/18/20 13:07
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/27/20 00:26	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/27/20 00:26	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/27/20 00:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/27/20 00:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/27/20 00:26	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/27/20 00:26	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/27/20 00:26	1
1,4-Dioxane	28	U	50	28	ug/L			09/27/20 00:26	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/27/20 00:26	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/27/20 00:26	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/27/20 00:26	1
Acetone	4.4	U	5.0	4.4	ug/L			09/27/20 00:26	1
Benzene	0.20	U	1.0	0.20	ug/L			09/27/20 00:26	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/27/20 00:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/27/20 00:26	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/27/20 00:26	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/27/20 00:26	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/27/20 00:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/27/20 00:26	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/27/20 00:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/27/20 00:26	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/27/20 00:26	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/27/20 00:26	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:26	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/27/20 00:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/27/20 00:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/27/20 00:26	1
Styrene	0.42	U	1.0	0.42	ug/L			09/27/20 00:26	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/27/20 00:26	1
Toluene	0.38	U	1.0	0.38	ug/L			09/27/20 00:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/27/20 00:26	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:26	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/27/20 00:26	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/27/20 00:26	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/27/20 00:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/27/20 00:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 123*		*09/27/20 00:26*	*1*
Bromofluorobenzene	*108*		*76 - 120*		*09/27/20 00:26*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*09/27/20 00:26*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*09/27/20 00:26*	*1*

Client Sample ID: FB

Date Collected: 09/18/20 09:31
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/27/20 00:51	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/27/20 00:51	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/27/20 00:51	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/27/20 00:51	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/27/20 00:51	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/27/20 00:51	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/27/20 00:51	1
1,4-Dioxane	28	U	50	28	ug/L			09/27/20 00:51	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/27/20 00:51	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/27/20 00:51	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/27/20 00:51	1
Acetone	4.4	U	5.0	4.4	ug/L			09/27/20 00:51	1
Benzene	0.20	U	1.0	0.20	ug/L			09/27/20 00:51	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/27/20 00:51	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/27/20 00:51	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/27/20 00:51	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/27/20 00:51	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/27/20 00:51	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/27/20 00:51	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/27/20 00:51	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/27/20 00:51	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/27/20 00:51	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/27/20 00:51	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:51	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/27/20 00:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/27/20 00:51	1
Methylene Chloride	**0.44**	**J**	1.0	0.32	ug/L			09/27/20 00:51	1
Styrene	0.42	U	1.0	0.42	ug/L			09/27/20 00:51	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/27/20 00:51	1
Toluene	0.38	U	1.0	0.38	ug/L			09/27/20 00:51	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/27/20 00:51	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:51	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/27/20 00:51	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/27/20 00:51	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/27/20 00:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/27/20 00:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*		*09/27/20 00:51*	*1*
Bromofluorobenzene	*109*		*76 - 120*		*09/27/20 00:51*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*09/27/20 00:51*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*09/27/20 00:51*	*1*

Client Sample ID: MW-24

Date Collected: 09/18/20 09:35
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/27/20 01:16	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/27/20 01:16	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/27/20 01:16	1
1,1-Dichloroethane	**0.29**	**J**	1.0	0.26	ug/L			09/27/20 01:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/27/20 01:16	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/27/20 01:16	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/27/20 01:16	1
1,4-Dioxane	28	U	50	28	ug/L			09/27/20 01:16	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/27/20 01:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/27/20 01:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/27/20 01:16	1
Acetone	4.4	U	5.0	4.4	ug/L			09/27/20 01:16	1
Benzene	**0.52**	**J**	1.0	0.20	ug/L			09/27/20 01:16	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/27/20 01:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/27/20 01:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/27/20 01:16	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/27/20 01:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/27/20 01:16	1
Chlorobenzene	**36**		1.0	0.38	ug/L			09/27/20 01:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/27/20 01:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/27/20 01:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/27/20 01:16	1
cis-1,2-Dichloroethene	**60**		1.0	0.22	ug/L			09/27/20 01:16	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 01:16	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/27/20 01:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/27/20 01:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/27/20 01:16	1
Styrene	0.42	U	1.0	0.42	ug/L			09/27/20 01:16	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/27/20 01:16	1
Toluene	0.38	U	1.0	0.38	ug/L			09/27/20 01:16	1
trans-1,2-Dichloroethene	**33**		1.0	0.24	ug/L			09/27/20 01:16	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 01:16	1
Trichloroethene	**2.6**		1.0	0.31	ug/L			09/27/20 01:16	1
Vinyl chloride	**2.1**		1.0	0.17	ug/L			09/27/20 01:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/27/20 01:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/27/20 01:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 123*		*09/27/20 01:16*	*1*
Bromofluorobenzene	*109*		*76 - 120*		*09/27/20 01:16*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 124*		*09/27/20 01:16*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*09/27/20 01:16*	*1*

Client Sample ID: MW-43

Date Collected: 09/18/20 10:15
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/27/20 01:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/27/20 01:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/27/20 01:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/27/20 01:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/27/20 01:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/27/20 01:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/27/20 01:41	1
1,4-Dioxane	28	U	50	28	ug/L			09/27/20 01:41	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/27/20 01:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/27/20 01:41	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/27/20 01:41	1
Acetone	4.4	U	5.0	4.4	ug/L			09/27/20 01:41	1
Benzene	0.20	U	1.0	0.20	ug/L			09/27/20 01:41	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/27/20 01:41	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/27/20 01:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/27/20 01:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/27/20 01:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/27/20 01:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/27/20 01:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/27/20 01:41	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/27/20 01:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/27/20 01:41	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/27/20 01:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 01:41	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/27/20 01:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/27/20 01:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/27/20 01:41	1
Styrene	0.42	U	1.0	0.42	ug/L			09/27/20 01:41	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/27/20 01:41	1
Toluene	0.38	U	1.0	0.38	ug/L			09/27/20 01:41	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/27/20 01:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 01:41	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/27/20 01:41	1
Vinyl chloride	**0.17**	**J**	1.0	0.17	ug/L			09/27/20 01:41	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/27/20 01:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/27/20 01:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 123*		*09/27/20 01:41*	*1*
Bromofluorobenzene	*109*		*76 - 120*		*09/27/20 01:41*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*09/27/20 01:41*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*09/27/20 01:41*	*1*

Client Sample ID: PZ-23

Date Collected: 09/18/20 10:53
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 18:04	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 18:04	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 18:04	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/25/20 18:04	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/25/20 18:04	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 18:04	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 18:04	1
1,4-Dioxane	**86**		50	28	ug/L			09/25/20 18:04	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 18:04	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 18:04	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 18:04	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 18:04	1
Benzene	0.20	U	1.0	0.20	ug/L			09/25/20 18:04	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 18:04	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 18:04	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			09/25/20 18:04	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 18:04	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 18:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/25/20 18:04	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/25/20 18:04	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 18:04	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 18:04	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 18:04	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:04	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 18:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 18:04	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 18:04	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 18:04	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/25/20 18:04	1
Toluene	0.38	U	1.0	0.38	ug/L			09/25/20 18:04	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 18:04	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:04	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 18:04	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 18:04	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/25/20 18:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/25/20 18:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 123*		*09/25/20 18:04*	*1*
Bromofluorobenzene	*96*		*76 - 120*		*09/25/20 18:04*	*1*
Dibromofluoromethane (Surr)	*105*		*77 - 124*		*09/25/20 18:04*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/25/20 18:04*	*1*

Client Sample ID: MW-36
Date Collected: 09/18/20 11:37
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 18:27	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 18:27	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 18:27	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/25/20 18:27	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/25/20 18:27	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 18:27	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 18:27	1
1,4-Dioxane	**180**		50	28	ug/L			09/25/20 18:27	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 18:27	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 18:27	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 18:27	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 18:27	1
Benzene	0.20	U	1.0	0.20	ug/L			09/25/20 18:27	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 18:27	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 18:27	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			09/25/20 18:27	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 18:27	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 18:27	1
Chlorobenzene	**1.9**		1.0	0.38	ug/L			09/25/20 18:27	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/25/20 18:27	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 18:27	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 18:27	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 18:27	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:27	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 18:27	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 18:27	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 18:27	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 18:27	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/25/20 18:27	1
Toluene	0.38	U	1.0	0.38	ug/L			09/25/20 18:27	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 18:27	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:27	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 18:27	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 18:27	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/25/20 18:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/25/20 18:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 123*		*09/25/20 18:27*	*1*
Bromofluorobenzene	*95*		*76 - 120*		*09/25/20 18:27*	*1*
Dibromofluoromethane (Surr)	*101*		*77 - 124*		*09/25/20 18:27*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*09/25/20 18:27*	*1*

Client Sample ID: MW-31

Date Collected: 09/18/20 12:03
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 18:50	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 18:50	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 18:50	1
1,1-Dichloroethane	**0.42**	**J**	1.0	0.26	ug/L			09/25/20 18:50	1
1,1-Dichloroethene	**0.36**	**J**	1.0	0.26	ug/L			09/25/20 18:50	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 18:50	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 18:50	1
1,4-Dioxane	**40**	**J**	50	28	ug/L			09/25/20 18:50	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 18:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 18:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 18:50	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 18:50	1
Benzene	**1.3**		1.0	0.20	ug/L			09/25/20 18:50	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 18:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 18:50	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			09/25/20 18:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 18:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 18:50	1
Chlorobenzene	**220**		1.0	0.38	ug/L			09/25/20 18:50	1
Chloroethane	**56**		1.0	0.32	ug/L			09/25/20 18:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 18:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 18:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 18:50	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:50	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 18:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 18:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 18:50	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 18:50	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/25/20 18:50	1
Toluene	**0.64**	**J**	1.0	0.38	ug/L			09/25/20 18:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 18:50	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 18:50	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 18:50	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 18:50	1
Xylenes, Total	**0.65**	**J**	2.0	0.65	ug/L			09/25/20 18:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Ethyl ether	*39*	*J N*	*ug/L*		*1.29*	*60-29-7*		*09/25/20 18:50*	*1*
Diethyl sulfide	*6.0*	*J N*	*ug/L*		*3.65*	*352-93-2*		*09/25/20 18:50*	*1*
1,3-Dichloro-2-methyl-propene	*6.1*	*J N*	*ug/L*		*4.09*	*1000194-02-2*		*09/25/20 18:50*	*1*
Unknown	*5.8*	*J*	*ug/L*		*6.88*			*09/25/20 18:50*	*1*
Benzene, 1-chloro-2-methyl-	*57*	*J N*	*ug/L*		*8.91*	*95-49-8*		*09/25/20 18:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 123*		*09/25/20 18:50*	*1*
Bromofluorobenzene	*99*		*76 - 120*		*09/25/20 18:50*	*1*
Dibromofluoromethane (Surr)	*109*		*77 - 124*		*09/25/20 18:50*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*09/25/20 18:50*	*1*

Client Sample ID: MW-71

Date Collected: 09/18/20 12:40
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 19:14	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 19:14	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 19:14	1
1,1-Dichloroethane	**2.6**		1.0	0.26	ug/L			09/25/20 19:14	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/25/20 19:14	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 19:14	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 19:14	1
1,4-Dioxane	28	U	50	28	ug/L			09/25/20 19:14	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 19:14	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 19:14	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 19:14	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 19:14	1
Benzene	**1.2**		1.0	0.20	ug/L			09/25/20 19:14	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 19:14	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 19:14	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			09/25/20 19:14	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 19:14	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 19:14	1
Chlorobenzene	**78**		1.0	0.38	ug/L			09/25/20 19:14	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/25/20 19:14	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 19:14	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 19:14	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 19:14	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 19:14	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 19:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 19:14	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 19:14	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 19:14	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/25/20 19:14	1
Toluene	**0.46**	**J**	1.0	0.38	ug/L			09/25/20 19:14	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 19:14	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 19:14	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 19:14	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 19:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/25/20 19:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Ethyl ether	*16*	*J N*	*ug/L*		*1.29*	*60-29-7*		*09/25/20 19:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 123*		*09/25/20 19:14*	*1*
Bromofluorobenzene	*91*		*76 - 120*		*09/25/20 19:14*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*09/25/20 19:14*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/25/20 19:14*	*1*

Client Sample ID: MW-54

Date Collected: 09/18/20 13:07
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 19:37	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 19:37	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 19:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/25/20 19:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/25/20 19:37	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 19:37	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 19:37	1
1,4-Dioxane	28	U	50	28	ug/L			09/25/20 19:37	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 19:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 19:37	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 19:37	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 19:37	1
Benzene	0.20	U	1.0	0.20	ug/L			09/25/20 19:37	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 19:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 19:37	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			09/25/20 19:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 19:37	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 19:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/25/20 19:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/25/20 19:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 19:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 19:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 19:37	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 19:37	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 19:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 19:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 19:37	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 19:37	1
Tetrachloroethene	**9.3**		1.0	0.25	ug/L			09/25/20 19:37	1
Toluene	0.38	U	1.0	0.38	ug/L			09/25/20 19:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 19:37	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 19:37	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 19:37	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 19:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/25/20 19:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/25/20 19:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 123*		*09/25/20 19:37*	*1*
Bromofluorobenzene	*94*		*76 - 120*		*09/25/20 19:37*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 124*		*09/25/20 19:37*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/25/20 19:37*	*1*

Surrogate Summary

Client: ECM, Inc.
Project/Site: 1192 - AGWM 9/2020

Job ID: 460-218658-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-123)	(76-120)	(77-124)	(80-120)
460-218658-1	TB	102	108	107	111
460-218658-2	FB	101	109	107	110
460-218658-3	MW-24	99	109	105	110
460-218658-4	MW-43	100	109	107	109
460-218658-5	PZ-23	98	96	105	94
460-218658-6	MW-36	92	95	101	93
460-218658-7	MW-31	99	99	109	96
460-218658-8	MW-71	94	91	100	91
460-218658-9	MW-54	93	94	100	94
LCS 460-726662/4	Lab Control Sample	103	100	105	92
LCS 460-727063/3	Lab Control Sample	97	106	103	106
LCSD 460-726662/5	Lab Control Sample Dup	110	109	112	101
LCSD 460-727063/4	Lab Control Sample Dup	98	106	104	105
MB 460-726662/9	Method Blank	98	96	103	94
MB 460-727063/9	Method Blank	101	108	107	109

Surrogate Legend

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

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

Lab Sample ID: MB 460-726662/9
Matrix: Water
Analysis Batch: 726662

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/25/20 12:34	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/25/20 12:34	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/25/20 12:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/25/20 12:34	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/25/20 12:34	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/25/20 12:34	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/25/20 12:34	1
1,4-Dioxane	28	U	50	28	ug/L			09/25/20 12:34	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/25/20 12:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/25/20 12:34	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/25/20 12:34	1
Acetone	4.4	U	5.0	4.4	ug/L			09/25/20 12:34	1
Benzene	0.20	U	1.0	0.20	ug/L			09/25/20 12:34	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/25/20 12:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/25/20 12:34	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/25/20 12:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/25/20 12:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/25/20 12:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/25/20 12:34	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/25/20 12:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/25/20 12:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/25/20 12:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/25/20 12:34	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 12:34	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/25/20 12:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/25/20 12:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/25/20 12:34	1
Styrene	0.42	U	1.0	0.42	ug/L			09/25/20 12:34	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/25/20 12:34	1
Toluene	0.38	U	1.0	0.38	ug/L			09/25/20 12:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/25/20 12:34	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/25/20 12:34	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/25/20 12:34	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/25/20 12:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/25/20 12:34	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/25/20 12:34*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 123*		*09/25/20 12:34*	*1*
Bromofluorobenzene	*96*		*76 - 120*		*09/25/20 12:34*	*1*
Dibromofluoromethane (Surr)	*103*		*77 - 124*		*09/25/20 12:34*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/25/20 12:34*	*1*

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

Lab Sample ID: LCS 460-726662/4
Matrix: Water
Analysis Batch: 726662

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	20.2		ug/L		101	68 - 128		
1,1,2,2-Tetrachloroethane			20.0	19.8		ug/L		99	63 - 139		
1,1,2-Trichloroethane			20.0	19.5		ug/L		98	74 - 125		
1,1-Dichloroethane			20.0	19.6		ug/L		98	73 - 130		
1,1-Dichloroethene			20.0	20.6		ug/L		103	68 - 133		
1,2-Dichloroethane			20.0	19.4		ug/L		97	75 - 121		
1,2-Dichloropropane			20.0	19.5		ug/L		98	76 - 126		
1,4-Dioxane			400	392		ug/L		98	70 - 142		
2-Butanone			100	89.0		ug/L		89	69 - 128		
2-Hexanone			100	90.1		ug/L		90	74 - 127		
4-Methyl-2-pentanone (MIBK)			100	95.8		ug/L		96	78 - 125		
Acetone			100	89.7		ug/L		90	61 - 134		
Benzene			20.0	17.4		ug/L		87	78 - 126		
Bromodichloromethane			20.0	19.4		ug/L		97	72 - 121		
Bromoform			20.0	19.3		ug/L		97	38 - 144		
Bromomethane			20.0	21.2		ug/L		106	10 - 150		
Carbon disulfide			20.0	21.1		ug/L		106	64 - 138		
Carbon tetrachloride			20.0	19.0		ug/L		95	56 - 131		
Chlorobenzene			20.0	18.7		ug/L		94	80 - 119		
Chloroethane			20.0	20.0		ug/L		100	29 - 150		
Chloroform			20.0	19.2		ug/L		96	78 - 125		
Chloromethane			20.0	19.5		ug/L		97	38 - 150		
cis-1,2-Dichloroethene			20.0	19.9		ug/L		99	78 - 121		
cis-1,3-Dichloropropene			20.0	18.1		ug/L		90	74 - 125		
Dibromochloromethane			20.0	18.6		ug/L		93	58 - 130		
Ethylbenzene			20.0	18.4		ug/L		92	78 - 120		
Methylene Chloride			20.0	19.4		ug/L		97	74 - 127		
Styrene			20.0	18.1		ug/L		90	75 - 127		
Tetrachloroethene			20.0	19.3		ug/L		96	70 - 127		
Toluene			20.0	18.0		ug/L		90	78 - 119		
trans-1,2-Dichloroethene			20.0	19.5		ug/L		98	74 - 126		
trans-1,3-Dichloropropene			20.0	18.6		ug/L		93	66 - 127		
Trichloroethene			20.0	19.5		ug/L		97	71 - 121		
Vinyl chloride			20.0	21.2		ug/L		106	61 - 144		
Xylenes, Total			40.0	37.0		ug/L		92	78 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 123*
Bromofluorobenzene	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*105*		*77 - 124*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: LCSD 460-726662/5
Matrix: Water
Analysis Batch: 726662

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	22.8		ug/L		114	68 - 128	12	30

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

Lab Sample ID: LCSD 460-726662/5
Matrix: Water
Analysis Batch: 726662

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			20.0	22.8		ug/L		114	63 - 139	14	30
1,1,2-Trichloroethane			20.0	21.3		ug/L		107	74 - 125	9	30
1,1-Dichloroethane			20.0	21.9		ug/L		109	73 - 130	11	30
1,1-Dichloroethene			20.0	23.5		ug/L		118	68 - 133	13	30
1,2-Dichloroethane			20.0	21.2		ug/L		106	75 - 121	9	30
1,2-Dichloropropane			20.0	21.8		ug/L		109	76 - 126	11	30
1,4-Dioxane			400	455		ug/L		114	70 - 142	15	30
2-Butanone			100	110		ug/L		110	69 - 128	21	30
2-Hexanone			100	113		ug/L		113	74 - 127	23	30
4-Methyl-2-pentanone (MIBK)			100	117		ug/L		117	78 - 125	20	30
Acetone			100	110		ug/L		110	61 - 134	20	30
Benzene			20.0	20.3		ug/L		101	78 - 126	15	30
Bromodichloromethane			20.0	22.1		ug/L		110	72 - 121	13	30
Bromoform			20.0	22.2		ug/L		111	38 - 144	14	30
Bromomethane			20.0	28.9	*1	ug/L		144	10 - 150	31	30
Carbon disulfide			20.0	24.3		ug/L		122	64 - 138	14	30
Carbon tetrachloride			20.0	20.7		ug/L		104	56 - 131	9	30
Chlorobenzene			20.0	21.7		ug/L		109	80 - 119	15	30
Chloroethane			20.0	21.8		ug/L		109	29 - 150	8	30
Chloroform			20.0	22.2		ug/L		111	78 - 125	14	30
Chloromethane			20.0	22.4		ug/L		112	38 - 150	14	30
cis-1,2-Dichloroethene			20.0	21.8		ug/L		109	78 - 121	9	30
cis-1,3-Dichloropropene			20.0	20.5		ug/L		103	74 - 125	13	30
Dibromochloromethane			20.0	21.4		ug/L		107	58 - 130	14	30
Ethylbenzene			20.0	21.7		ug/L		108	78 - 120	17	30
Methylene Chloride			20.0	22.1		ug/L		111	74 - 127	13	30
Styrene			20.0	21.3		ug/L		106	75 - 127	16	30
Tetrachloroethene			20.0	22.1		ug/L		110	70 - 127	13	30
Toluene			20.0	20.6		ug/L		103	78 - 119	14	30
trans-1,2-Dichloroethene			20.0	22.5		ug/L		113	74 - 126	14	30
trans-1,3-Dichloropropene			20.0	21.0		ug/L		105	66 - 127	12	30
Trichloroethene			20.0	22.2		ug/L		111	71 - 121	13	30
Vinyl chloride			20.0	24.0		ug/L		120	61 - 144	12	30
Xylenes, Total			40.0	42.8		ug/L		107	78 - 122	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 123*
Bromofluorobenzene	*109*		*76 - 120*
Dibromofluoromethane (Surr)	*112*		*77 - 124*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 460-727063/9
Matrix: Water
Analysis Batch: 727063

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			09/27/20 00:01	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			09/27/20 00:01	1

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

Lab Sample ID: MB 460-727063/9
Matrix: Water
Analysis Batch: 727063

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			09/27/20 00:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			09/27/20 00:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			09/27/20 00:01	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			09/27/20 00:01	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			09/27/20 00:01	1
1,4-Dioxane	28	U	50	28	ug/L			09/27/20 00:01	1
2-Butanone	1.9	U	5.0	1.9	ug/L			09/27/20 00:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			09/27/20 00:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			09/27/20 00:01	1
Acetone	4.4	U	5.0	4.4	ug/L			09/27/20 00:01	1
Benzene	0.20	U	1.0	0.20	ug/L			09/27/20 00:01	1
Bromodichloromethane	0.34	U	1.0	0.34	ug/L			09/27/20 00:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			09/27/20 00:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			09/27/20 00:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			09/27/20 00:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			09/27/20 00:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			09/27/20 00:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			09/27/20 00:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			09/27/20 00:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			09/27/20 00:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			09/27/20 00:01	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:01	1
Dibromochloromethane	0.28	U	1.0	0.28	ug/L			09/27/20 00:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			09/27/20 00:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			09/27/20 00:01	1
Styrene	0.42	U	1.0	0.42	ug/L			09/27/20 00:01	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			09/27/20 00:01	1
Toluene	0.38	U	1.0	0.38	ug/L			09/27/20 00:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			09/27/20 00:01	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			09/27/20 00:01	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			09/27/20 00:01	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			09/27/20 00:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			09/27/20 00:01	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/27/20 00:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 123*		*09/27/20 00:01*	*1*
Bromofluorobenzene	*108*		*76 - 120*		*09/27/20 00:01*	*1*
Dibromofluoromethane (Surr)	*107*		*77 - 124*		*09/27/20 00:01*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*09/27/20 00:01*	*1*

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

Lab Sample ID: LCS 460-727063/3
Matrix: Water
Analysis Batch: 727063

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1-Trichloroethane			20.0	18.5		ug/L		93	68 - 128		
1,1,2,2-Tetrachloroethane			20.0	19.7		ug/L		98	63 - 139		
1,1,2-Trichloroethane			20.0	19.5		ug/L		98	74 - 125		
1,1-Dichloroethane			20.0	18.8		ug/L		94	73 - 130		
1,1-Dichloroethene			20.0	19.5		ug/L		98	68 - 133		
1,2-Dichloroethane			20.0	17.9		ug/L		90	75 - 121		
1,2-Dichloropropane			20.0	19.2		ug/L		96	76 - 126		
1,4-Dioxane			400	395		ug/L		99	70 - 142		
2-Butanone			100	102		ug/L		102	69 - 128		
2-Hexanone			100	98.5		ug/L		98	74 - 127		
4-Methyl-2-pentanone (MIBK)			100	99.0		ug/L		99	78 - 125		
Acetone			100	90.7		ug/L		91	61 - 134		
Benzene			20.0	19.5		ug/L		97	78 - 126		
Bromodichloromethane			20.0	18.6		ug/L		93	72 - 121		
Bromoform			20.0	18.2		ug/L		91	38 - 144		
Bromomethane			20.0	17.7		ug/L		89	10 - 150		
Carbon disulfide			20.0	21.2		ug/L		106	64 - 138		
Carbon tetrachloride			20.0	18.3		ug/L		91	56 - 131		
Chlorobenzene			20.0	19.9		ug/L		99	80 - 119		
Chloroethane			20.0	20.2		ug/L		101	29 - 150		
Chloroform			20.0	18.7		ug/L		93	78 - 125		
Chloromethane			20.0	18.5		ug/L		93	38 - 150		
cis-1,2-Dichloroethene			20.0	19.5		ug/L		97	78 - 121		
cis-1,3-Dichloropropene			20.0	19.4		ug/L		97	74 - 125		
Dibromochloromethane			20.0	19.3		ug/L		97	58 - 130		
Ethylbenzene			20.0	20.2		ug/L		101	78 - 120		
Methylene Chloride			20.0	19.2		ug/L		96	74 - 127		
Styrene			20.0	20.9		ug/L		105	75 - 127		
Tetrachloroethene			20.0	20.3		ug/L		102	70 - 127		
Toluene			20.0	19.6		ug/L		98	78 - 119		
trans-1,2-Dichloroethene			20.0	19.7		ug/L		99	74 - 126		
trans-1,3-Dichloropropene			20.0	18.9		ug/L		94	66 - 127		
Trichloroethene			20.0	19.4		ug/L		97	71 - 121		
Vinyl chloride			20.0	19.2		ug/L		96	61 - 144		
Xylenes, Total			40.0	39.2		ug/L		98	78 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 123*
Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*103*		*77 - 124*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: LCSD 460-727063/4
Matrix: Water
Analysis Batch: 727063

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.2		ug/L		96	68 - 128	3	30

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

Lab Sample ID: LCSD 460-727063/4
Matrix: Water
Analysis Batch: 727063

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			20.0	20.0		ug/L		100	63 - 139	1	30
1,1,2-Trichloroethane			20.0	19.7		ug/L		98	74 - 125	1	30
1,1-Dichloroethane			20.0	19.3		ug/L		96	73 - 130	3	30
1,1-Dichloroethene			20.0	20.2		ug/L		101	68 - 133	4	30
1,2-Dichloroethane			20.0	18.2		ug/L		91	75 - 121	1	30
1,2-Dichloropropane			20.0	19.7		ug/L		99	76 - 126	3	30
1,4-Dioxane			400	390		ug/L		97	70 - 142	1	30
2-Butanone			100	98.8		ug/L		99	69 - 128	3	30
2-Hexanone			100	98.0		ug/L		98	74 - 127	1	30
4-Methyl-2-pentanone (MIBK)			100	98.6		ug/L		99	78 - 125	0	30
Acetone			100	91.8		ug/L		92	61 - 134	1	30
Benzene			20.0	19.9		ug/L		99	78 - 126	2	30
Bromodichloromethane			20.0	19.5		ug/L		98	72 - 121	5	30
Bromoform			20.0	18.9		ug/L		95	38 - 144	4	30
Bromomethane			20.0	17.5		ug/L		88	10 - 150	1	30
Carbon disulfide			20.0	22.0		ug/L		110	64 - 138	4	30
Carbon tetrachloride			20.0	19.5		ug/L		98	56 - 131	6	30
Chlorobenzene			20.0	20.2		ug/L		101	80 - 119	2	30
Chloroethane			20.0	21.2		ug/L		106	29 - 150	5	30
Chloroform			20.0	19.4		ug/L		97	78 - 125	4	30
Chloromethane			20.0	20.4		ug/L		102	38 - 150	9	30
cis-1,2-Dichloroethene			20.0	20.0		ug/L		100	78 - 121	3	30
cis-1,3-Dichloropropene			20.0	19.3		ug/L		96	74 - 125	1	30
Dibromochloromethane			20.0	19.4		ug/L		97	58 - 130	0	30
Ethylbenzene			20.0	20.8		ug/L		104	78 - 120	3	30
Methylene Chloride			20.0	19.8		ug/L		99	74 - 127	3	30
Styrene			20.0	21.1		ug/L		106	75 - 127	1	30
Tetrachloroethene			20.0	20.9		ug/L		104	70 - 127	3	30
Toluene			20.0	20.1		ug/L		100	78 - 119	2	30
trans-1,2-Dichloroethene			20.0	20.5		ug/L		103	74 - 126	4	30
trans-1,3-Dichloropropene			20.0	18.7		ug/L		93	66 - 127	1	30
Trichloroethene			20.0	20.3		ug/L		101	71 - 121	4	30
Vinyl chloride			20.0	21.2		ug/L		106	61 - 144	10	30
Xylenes, Total			40.0	40.0		ug/L		100	78 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 123*
Bromofluorobenzene	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*104*		*77 - 124*
Toluene-d8 (Surr)	*105*		*80 - 120*

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

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

Glossary

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

GC/MS VOA

Analysis Batch: 726662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-218658-5	PZ-23	Total/NA	Water	8260C	
460-218658-6	MW-36	Total/NA	Water	8260C	
460-218658-7	MW-31	Total/NA	Water	8260C	
460-218658-8	MW-71	Total/NA	Water	8260C	
460-218658-9	MW-54	Total/NA	Water	8260C	
MB 460-726662/9	Method Blank	Total/NA	Water	8260C	
LCS 460-726662/4	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-726662/5	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 727063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-218658-1	TB	Total/NA	Water	8260C	
460-218658-2	FB	Total/NA	Water	8260C	
460-218658-3	MW-24	Total/NA	Water	8260C	
460-218658-4	MW-43	Total/NA	Water	8260C	
MB 460-727063/9	Method Blank	Total/NA	Water	8260C	
LCS 460-727063/3	Lab Control Sample	Total/NA	Water	8260C	
LCSD 460-727063/4	Lab Control Sample Dup	Total/NA	Water	8260C	

Client Sample ID: TB
Date Collected: 09/18/20 13:07
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	727063	09/27/20 00:26	KLB	TAL EDI

Client Sample ID: FB
Date Collected: 09/18/20 09:31
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	727063	09/27/20 00:51	KLB	TAL EDI

Client Sample ID: MW-24
Date Collected: 09/18/20 09:35
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	727063	09/27/20 01:16	KLB	TAL EDI

Client Sample ID: MW-43
Date Collected: 09/18/20 10:15
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	727063	09/27/20 01:41	KLB	TAL EDI

Client Sample ID: PZ-23
Date Collected: 09/18/20 10:53
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	726662	09/25/20 18:04	CJM	TAL EDI

Client Sample ID: MW-36
Date Collected: 09/18/20 11:37
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	726662	09/25/20 18:27	CJM	TAL EDI

Client Sample ID: MW-31
Date Collected: 09/18/20 12:03
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	726662	09/25/20 18:50	CJM	TAL EDI

Lab Chronicle

Client: ECM, Inc.
Project/Site: 1192 - AGWM 9/2020

Job ID: 460-218658-1

Client Sample ID: MW-71
Date Collected: 09/18/20 12:40
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	726662	09/25/20 19:14	CJM	TAL EDI

Client Sample ID: MW-54
Date Collected: 09/18/20 13:07
Date Received: 09/18/20 14:46

Lab Sample ID: 460-218658-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	726662	09/25/20 19:37	CJM	TAL EDI

Laboratory References:

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

Accreditation/Certification Summary

Client: ECM, Inc.
Job ID: 460-218658-1
Project/Site: 1192 - AGWM 9/2020

Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

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 #
TB	460-218658-1	107	102	111	108
FB	460-218658-2	107	101	110	109
MW-24	460-218658-3	105	99	110	109
MW-43	460-218658-4	107	100	109	109
PZ-23	460-218658-5	105	98	94	96
MW-36	460-218658-6	101	92	93	95
MW-31	460-218658-7	109	99	96	99
MW-71	460-218658-8	100	94	91	91
MW-54	460-218658-9	100	93	94	94
	MB 460-726662/9	103	98	94	96
	MB 460-727063/9	107	101	109	108
	LCS 460-726662/4	105	103	92	100
	LCS 460-727063/3	103	97	106	106
	LCSD 460-726662/5	112	110	101	109
	LCSD 460-727063/4	104	98	105	106

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

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P80222.D

Lab ID: LCS 460-726662/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	20.2	101	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	63-139	
1,1,2-Trichloroethane	20.0	19.5	98	74-125	
1,1-Dichloroethane	20.0	19.6	98	73-130	
1,1-Dichloroethene	20.0	20.6	103	68-133	
1,2-Dichloroethane	20.0	19.4	97	75-121	
1,2-Dichloropropane	20.0	19.5	98	76-126	
1,4-Dioxane	400	392	98	70-142	
2-Butanone	100	89.0	89	69-128	
2-Hexanone	100	90.1	90	74-127	
4-Methyl-2-pentanone (MIBK)	100	95.8	96	78-125	
Acetone	100	89.7	90	61-134	
Benzene	20.0	17.4	87	78-126	
Bromodichloromethane	20.0	19.4	97	72-121	
Bromoform	20.0	19.3	97	38-144	
Bromomethane	20.0	21.2	106	10-150	
Carbon disulfide	20.0	21.1	106	64-138	
Carbon tetrachloride	20.0	19.0	95	56-131	
Chlorobenzene	20.0	18.7	94	80-119	
Chloroethane	20.0	20.0	100	29-150	
Chloroform	20.0	19.2	96	78-125	
Chloromethane	20.0	19.5	97	38-150	
cis-1,2-Dichloroethene	20.0	19.9	99	78-121	
cis-1,3-Dichloropropene	20.0	18.1	90	74-125	
Dibromochloromethane	20.0	18.6	93	58-130	
Ethylbenzene	20.0	18.4	92	78-120	
Methylene Chloride	20.0	19.4	97	74-127	
Styrene	20.0	18.1	90	75-127	
Tetrachloroethene	20.0	19.3	96	70-127	
Toluene	20.0	18.0	90	78-119	
trans-1,2-Dichloroethene	20.0	19.5	98	74-126	
trans-1,3-Dichloropropene	20.0	18.6	93	66-127	
Trichloroethene	20.0	19.5	97	71-121	
Vinyl chloride	20.0	21.2	106	61-144	
Xylenes, Total	40.0	37.0	92	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O63766.D

Lab ID: LCS 460-727063/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	18.5	93	68-128	
1,1,2,2-Tetrachloroethane	20.0	19.7	98	63-139	
1,1,2-Trichloroethane	20.0	19.5	98	74-125	
1,1-Dichloroethane	20.0	18.8	94	73-130	
1,1-Dichloroethene	20.0	19.5	98	68-133	
1,2-Dichloroethane	20.0	17.9	90	75-121	
1,2-Dichloropropane	20.0	19.2	96	76-126	
1,4-Dioxane	400	395	99	70-142	
2-Butanone	100	102	102	69-128	
2-Hexanone	100	98.5	98	74-127	
4-Methyl-2-pentanone (MIBK)	100	99.0	99	78-125	
Acetone	100	90.7	91	61-134	
Benzene	20.0	19.5	97	78-126	
Bromodichloromethane	20.0	18.6	93	72-121	
Bromoform	20.0	18.2	91	38-144	
Bromomethane	20.0	17.7	89	10-150	
Carbon disulfide	20.0	21.2	106	64-138	
Carbon tetrachloride	20.0	18.3	91	56-131	
Chlorobenzene	20.0	19.9	99	80-119	
Chloroethane	20.0	20.2	101	29-150	
Chloroform	20.0	18.7	93	78-125	
Chloromethane	20.0	18.5	93	38-150	
cis-1,2-Dichloroethene	20.0	19.5	97	78-121	
cis-1,3-Dichloropropene	20.0	19.4	97	74-125	
Dibromochloromethane	20.0	19.3	97	58-130	
Ethylbenzene	20.0	20.2	101	78-120	
Methylene Chloride	20.0	19.2	96	74-127	
Styrene	20.0	20.9	105	75-127	
Tetrachloroethene	20.0	20.3	102	70-127	
Toluene	20.0	19.6	98	78-119	
trans-1,2-Dichloroethene	20.0	19.7	99	74-126	
trans-1,3-Dichloropropene	20.0	18.9	94	66-127	
Trichloroethene	20.0	19.4	97	71-121	
Vinyl chloride	20.0	19.2	96	61-144	
Xylenes, Total	40.0	39.2	98	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P80223.D

Lab ID: LCSD 460-726662/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	22.8	114	12	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	22.8	114	14	30	63-139	
1,1,2-Trichloroethane	20.0	21.3	107	9	30	74-125	
1,1-Dichloroethane	20.0	21.9	109	11	30	73-130	
1,1-Dichloroethene	20.0	23.5	118	13	30	68-133	
1,2-Dichloroethane	20.0	21.2	106	9	30	75-121	
1,2-Dichloropropane	20.0	21.8	109	11	30	76-126	
1,4-Dioxane	400	455	114	15	30	70-142	
2-Butanone	100	110	110	21	30	69-128	
2-Hexanone	100	113	113	23	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	117	117	20	30	78-125	
Acetone	100	110	110	20	30	61-134	
Benzene	20.0	20.3	101	15	30	78-126	
Bromodichloromethane	20.0	22.1	110	13	30	72-121	
Bromoform	20.0	22.2	111	14	30	38-144	
Bromomethane	20.0	28.9	144	31	30	10-150	*1
Carbon disulfide	20.0	24.3	122	14	30	64-138	
Carbon tetrachloride	20.0	20.7	104	9	30	56-131	
Chlorobenzene	20.0	21.7	109	15	30	80-119	
Chloroethane	20.0	21.8	109	8	30	29-150	
Chloroform	20.0	22.2	111	14	30	78-125	
Chloromethane	20.0	22.4	112	14	30	38-150	
cis-1,2-Dichloroethene	20.0	21.8	109	9	30	78-121	
cis-1,3-Dichloropropene	20.0	20.5	103	13	30	74-125	
Dibromochloromethane	20.0	21.4	107	14	30	58-130	
Ethylbenzene	20.0	21.7	108	17	30	78-120	
Methylene Chloride	20.0	22.1	111	13	30	74-127	
Styrene	20.0	21.3	106	16	30	75-127	
Tetrachloroethene	20.0	22.1	110	13	30	70-127	
Toluene	20.0	20.6	103	14	30	78-119	
trans-1,2-Dichloroethene	20.0	22.5	113	14	30	74-126	
trans-1,3-Dichloropropene	20.0	21.0	105	12	30	66-127	
Trichloroethene	20.0	22.2	111	13	30	71-121	
Vinyl chloride	20.0	24.0	120	12	30	61-144	
Xylenes, Total	40.0	42.8	107	14	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O63767.D

Lab ID: LCSD 460-727063/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.2	96	3	30	68-128	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	1	30	63-139	
1,1,2-Trichloroethane	20.0	19.7	98	1	30	74-125	
1,1-Dichloroethane	20.0	19.3	96	3	30	73-130	
1,1-Dichloroethene	20.0	20.2	101	4	30	68-133	
1,2-Dichloroethane	20.0	18.2	91	1	30	75-121	
1,2-Dichloropropane	20.0	19.7	99	3	30	76-126	
1,4-Dioxane	400	390	97	1	30	70-142	
2-Butanone	100	98.8	99	3	30	69-128	
2-Hexanone	100	98.0	98	1	30	74-127	
4-Methyl-2-pentanone (MIBK)	100	98.6	99	0	30	78-125	
Acetone	100	91.8	92	1	30	61-134	
Benzene	20.0	19.9	99	2	30	78-126	
Bromodichloromethane	20.0	19.5	98	5	30	72-121	
Bromoform	20.0	18.9	95	4	30	38-144	
Bromomethane	20.0	17.5	88	1	30	10-150	
Carbon disulfide	20.0	22.0	110	4	30	64-138	
Carbon tetrachloride	20.0	19.5	98	6	30	56-131	
Chlorobenzene	20.0	20.2	101	2	30	80-119	
Chloroethane	20.0	21.2	106	5	30	29-150	
Chloroform	20.0	19.4	97	4	30	78-125	
Chloromethane	20.0	20.4	102	9	30	38-150	
cis-1,2-Dichloroethene	20.0	20.0	100	3	30	78-121	
cis-1,3-Dichloropropene	20.0	19.3	96	1	30	74-125	
Dibromochloromethane	20.0	19.4	97	0	30	58-130	
Ethylbenzene	20.0	20.8	104	3	30	78-120	
Methylene Chloride	20.0	19.8	99	3	30	74-127	
Styrene	20.0	21.1	106	1	30	75-127	
Tetrachloroethene	20.0	20.9	104	3	30	70-127	
Toluene	20.0	20.1	100	2	30	78-119	
trans-1,2-Dichloroethene	20.0	20.5	103	4	30	74-126	
trans-1,3-Dichloropropene	20.0	18.7	93	1	30	66-127	
Trichloroethene	20.0	20.3	101	4	30	71-121	
Vinyl chloride	20.0	21.2	106	10	30	61-144	
Xylenes, Total	40.0	40.0	100	2	30	78-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: P80227.D Lab Sample ID: MB 460-726662/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 09/25/2020 12:34

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-726662/4	P80222.D	09/25/2020 10:36
	LCSD 460-726662/5	P80223.D	09/25/2020 11:00
PZ-23	460-218658-5	P80241.D	09/25/2020 18:04
MW-36	460-218658-6	P80242.D	09/25/2020 18:27
MW-31	460-218658-7	P80243.D	09/25/2020 18:50
MW-71	460-218658-8	P80244.D	09/25/2020 19:14
MW-54	460-218658-9	P80245.D	09/25/2020 19:37

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: O63772.D Lab Sample ID: MB 460-727063/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS12 Date Analyzed: 09/27/2020 00:01

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 460-727063/3	O63766.D	09/26/2020 21:23
	LCSD 460-727063/4	O63767.D	09/26/2020 21:48
TB	460-218658-1	O63773.D	09/27/2020 00:26
FB	460-218658-2	O63774.D	09/27/2020 00:51
MW-24	460-218658-3	O63775.D	09/27/2020 01:16
MW-43	460-218658-4	O63776.D	09/27/2020 01:41

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: O63460.D BFB Injection Date: 09/21/2020

Instrument ID: CVOAMS12 BFB Injection Time: 05:21

Analysis Batch No.: 725517

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.1	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	72.5	
175	5.0 - 9.0 % of mass 174	5.7	(7.8) 1
176	95.0 - 101.0 % of mass 174	69.8	(96.4) 1
177	5.0 - 9.0 % of mass 176	4.5	(6.5) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-725517/3	O63462.D	09/21/2020	6:14
	STD1 460-725517/5	O63464.D	09/21/2020	7:04
	STD5 460-725517/6	O63465.D	09/21/2020	7:29
	STD20 460-725517/7	O63466.D	09/21/2020	7:54
	STD50 460-725517/15	O63474.D	09/21/2020	11:14
	STD200 460-725517/16	O63475.D	09/21/2020	11:39
	STD500 460-725517/17	O63476.D	09/21/2020	12:04
	ICV 460-725517/23	O63482.D	09/21/2020	14:35

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: O63764.D BFB Injection Date: 09/26/2020

Instrument ID: CVOAMS12 BFB Injection Time: 20:40

Analysis Batch No.: 727063

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	43.9	
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	71.4	
175	5.0 - 9.0 % of mass 174	5.6	(7.8) 1
176	95.0 - 101.0 % of mass 174	69.1	(96.8) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.9) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-727063/2	O63765.D	09/26/2020	20:58
	LCS 460-727063/3	O63766.D	09/26/2020	21:23
	LCSD 460-727063/4	O63767.D	09/26/2020	21:48
	MB 460-727063/9	O63772.D	09/27/2020	0:01
TB	460-218658-1	O63773.D	09/27/2020	0:26
FB	460-218658-2	O63774.D	09/27/2020	0:51
MW-24	460-218658-3	O63775.D	09/27/2020	1:16
MW-43	460-218658-4	O63776.D	09/27/2020	1:41

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: P79350.D BFB Injection Date: 09/04/2020

Instrument ID: CVOAMS13 BFB Injection Time: 13:21

Analysis Batch No.: 721970

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	48.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	82.9	
175	5.0 - 9.0 % of mass 174	6.6	(8.0) 1
176	95.0 - 101.0 % of mass 174	79.8	(96.3) 1
177	5.0 - 9.0 % of mass 176	5.6	(7.0) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-721970/3	P79352.D	09/04/2020	14:09
	STD1 460-721970/4	P79354.D	09/04/2020	14:57
	STD5 460-721970/5	P79355.D	09/04/2020	15:21
	STD20 460-721970/6	P79356.D	09/04/2020	15:45
	STD50 460-721970/7	P79357.D	09/04/2020	16:09
	STD200 460-721970/8	P79358.D	09/04/2020	16:33
	STD500 460-721970/9	P79359.D	09/04/2020	16:58
	ICV 460-721970/18	P79368.D	09/04/2020	20:34

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab File ID: P80219.D BFB Injection Date: 09/25/2020

Instrument ID: CVOAMS13 BFB Injection Time: 09:20

Analysis Batch No.: 726662

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	53.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	111.2	
175	5.0 - 9.0 % of mass 174	9.4	(8.5) 1
176	95.0 - 101.0 % of mass 174	108.3	(97.4) 1
177	5.0 - 9.0 % of mass 176	8.7	(8.0) 2

1-Value is % mass 174 2-Value is % mass 176

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-726662/3	P80221.D	09/25/2020	10:05
	LCS 460-726662/4	P80222.D	09/25/2020	10:36
	LCSD 460-726662/5	P80223.D	09/25/2020	11:00
	MB 460-726662/9	P80227.D	09/25/2020	12:34
PZ-23	460-218658-5	P80241.D	09/25/2020	18:04
MW-36	460-218658-6	P80242.D	09/25/2020	18:27
MW-31	460-218658-7	P80243.D	09/25/2020	18:50
MW-71	460-218658-8	P80244.D	09/25/2020	19:14
MW-54	460-218658-9	P80245.D	09/25/2020	19:37

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: STD20 460-725517/7 Date Analyzed: 09/21/2020 07:54

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O63466.D Heated Purge: (Y/N) N

Calibration ID: 81999

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		190590	2.08	242734	2.93	472490	3.99
UPPER LIMIT		381180	2.58	485468	3.43	944980	4.49
LOWER LIMIT		95295	1.58	121367	2.43	236245	3.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-725517/23		184453	2.08	229064	2.93	470966	3.99

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: STD20 460-725517/7 Date Analyzed: 09/21/2020 07:54

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O63466.D Heated Purge: (Y/N) N

Calibration ID: 81999

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		25599	4.70	385816	7.69	191411	11.40
UPPER LIMIT		51198	5.20	771632	8.19	382822	11.90
LOWER LIMIT		12800	4.20	192908	7.19	95706	10.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-725517/23		24760	4.70	384843	7.69	191933	11.40

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: CCVIS 460-727063/2 Date Analyzed: 09/26/2020 20:58

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O63765.D Heated Purge: (Y/N) N

Calibration ID: 81999

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		151268	2.08	194651	2.95	467537	4.00
UPPER LIMIT		302536	2.58	389302	3.45	935074	4.50
LOWER LIMIT		75634	1.58	97326	2.45	233769	3.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-727063/3		164520	2.09	204265	2.95	465463	4.00
LCSD 460-727063/4		171512	2.09	206894	2.94	459160	4.00
MB 460-727063/9		203898	2.09	245042	2.95	522717	4.00
460-218658-1	TB	211616	2.09	252749	2.95	522622	4.00
460-218658-2	FB	206606	2.09	246526	2.95	521782	4.00
460-218658-3	MW-24	189983	2.09	231802	2.94	510592	4.00
460-218658-4	MW-43	207195	2.09	248055	2.95	520138	4.00

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: CCVIS 460-727063/2 Date Analyzed: 09/26/2020 20:58

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): O63765.D Heated Purge: (Y/N) N

Calibration ID: 81999

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22642	4.71	377157	7.70	185951	11.41
UPPER LIMIT		45284	5.21	754314	8.20	371902	11.91
LOWER LIMIT		11321	4.21	188579	7.20	92976	10.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-727063/3		23869	4.71	378090	7.70	183634	11.41
LCSD 460-727063/4		24259	4.71	377415	7.70	181306	11.41
MB 460-727063/9		26284	4.71	400145	7.70	196473	11.41
460-218658-1	TB	27375	4.71	395316	7.71	192499	11.42
460-218658-2	FB	27574	4.71	395078	7.71	192759	11.41
460-218658-3	MW-24	25830	4.71	391330	7.71	193519	11.42
460-218658-4	MW-43	27536	4.71	396518	7.71	197015	11.41

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: STD20 460-721970/6 Date Analyzed: 09/04/2020 15:45

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P79356.D Heated Purge: (Y/N) N

Calibration ID: 81791

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		111415	1.86	142853	2.83	570384	3.39
UPPER LIMIT		222830	2.36	285706	3.33	1140768	3.89
LOWER LIMIT		55708	1.36	71427	2.33	285192	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-721970/18		97671	1.86	133699	2.83	520222	3.39

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: STD20 460-721970/6 Date Analyzed: 09/04/2020 15:45

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P79356.D Heated Purge: (Y/N) N

Calibration ID: 81791

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		14880	4.24	396072	6.72	220745	10.23
UPPER LIMIT		29760	4.74	792144	7.22	441490	10.73
LOWER LIMIT		7440	3.74	198036	6.22	110373	9.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-721970/18		13148	4.24	368030	6.72	205232	10.23

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: CCVIS 460-726662/3 Date Analyzed: 09/25/2020 10:05

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P80221.D Heated Purge: (Y/N) N

Calibration ID: 81791

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		127528	1.85	129655	2.83	689953	3.39
UPPER LIMIT		255056	2.35	259310	3.33	1379906	3.89
LOWER LIMIT		63764	1.35	64828	2.33	344977	2.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-726662/4		163936	1.85	199778	2.83	711827	3.39
LCSD 460-726662/5		143304	1.85	168670	2.83	660212	3.39
MB 460-726662/9		137927	1.85	159583	2.83	695863	3.39
460-218658-5	PZ-23	118709	1.85	132132	2.83	645069	3.39
460-218658-6	MW-36	116797	1.85	129926	2.83	655260	3.39
460-218658-7	MW-31	108542	1.85	125932	2.83	620317	3.39
460-218658-8	MW-71	123711	1.85	146752	2.83	650109	3.39
460-218658-9	MW-54	115539	1.85	137465	2.83	652187	3.39

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

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Sample No.: CCVIS 460-726662/3 Date Analyzed: 09/25/2020 10:05

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P80221.D Heated Purge: (Y/N) N

Calibration ID: 81791

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		17560	4.23	510958	6.72	281956	10.23
UPPER LIMIT		35120	4.73	1021916	7.22	563912	10.73
LOWER LIMIT		8780	3.73	255479	6.22	140978	9.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-726662/4		22671	4.24	538732	6.72	299734	10.23
LCSD 460-726662/5		19539	4.24	497743	6.72	274107	10.23
MB 460-726662/9		17368	4.24	512504	6.72	274195	10.23
460-218658-5	PZ-23	16014	4.25	492321	6.72	254293	10.23
460-218658-6	MW-36	15203	4.24	477575	6.72	248346	10.23
460-218658-7	MW-31	14819	4.25	477770	6.72	245074	10.23
460-218658-8	MW-71	14968	4.24	490417	6.72	257261	10.23
460-218658-9	MW-54	14871	4.24	480748	6.72	252330	10.23

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: TB Lab Sample ID: 460-218658-1

Matrix: Water Lab File ID: O63773.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:26

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: TB Lab Sample ID: 460-218658-1

Matrix: Water Lab File ID: O63773.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:26

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		75-123
460-00-4	Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	111		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: TB Lab Sample ID: 460-218658-1

Matrix: Water Lab File ID: O63773.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:26

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.: 727063 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63773.D
Lims ID: 460-218658-A-1
Client ID: TB
Sample Type: Client
Inject. Date: 27-Sep-2020 00:26:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-A-1
Misc. Info.: 460-0117416-010
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Sep-2020 09:01:49 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1029

First Level Reviewer: boykink Date: 27-Sep-2020 01:46:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50	1.057	1.057	0.000	65	954	0.2825	
* 31 TBA-d9 (IS)	65	2.087	2.079	0.008	100	211616	1000.0	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	98	252749	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	129007	53.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	138534	50.8	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	522622	50.0	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	27375	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	539055	55.3	
* 94 Chlorobenzene-d5	117	7.707	7.699	0.008	85	395316	50.0	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	88	160750	54.2	
* 120 1,4-Dichlorobenzene-d4	152	11.418	11.410	0.008	96	192499	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

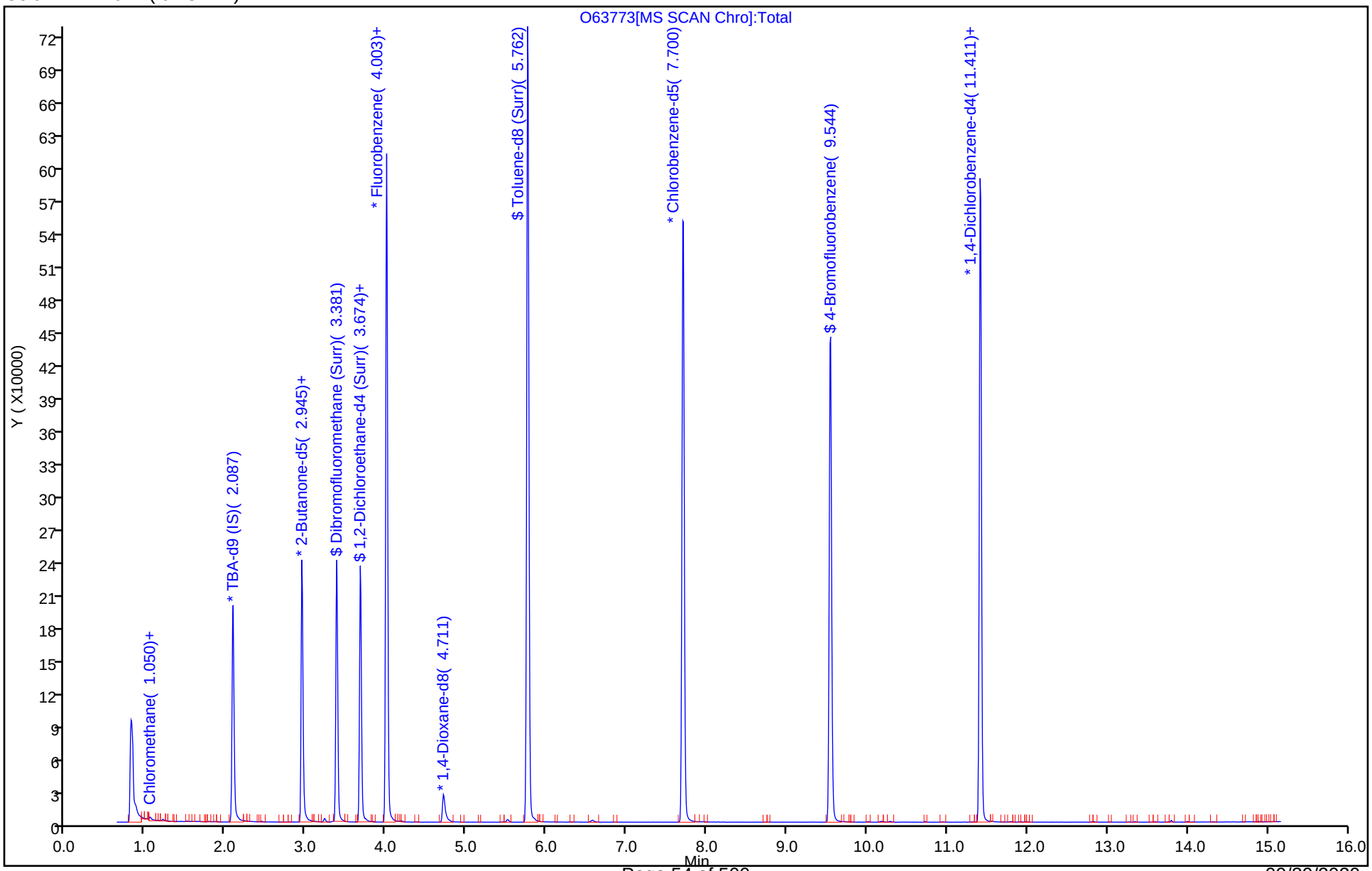
Report Date: 30-Sep-2020 11:50:48 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63773.D

Injection Date:	27-Sep-2020 00:26:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-218658-A-1	Lab Sample ID:	460-218658-1	Worklist Smp#:	10
Client ID:	TB				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: FB Lab Sample ID: 460-218658-2

Matrix: Water Lab File ID: O63774.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:31

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:51

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.44	J	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: FB Lab Sample ID: 460-218658-2

Matrix: Water Lab File ID: O63774.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:31

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:51

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	110		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: FB Lab Sample ID: 460-218658-2

Matrix: Water Lab File ID: O63774.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:31

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:51

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.: 727063 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63774.D
Lims ID: 460-218658-A-2
Client ID: FB
Sample Type: Client
Inject. Date: 27-Sep-2020 00:51:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-A-2
Misc. Info.: 460-0117416-011
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Sep-2020 09:01:49 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1029

First Level Reviewer: boykink Date: 27-Sep-2020 01:46:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.065	2.058	0.007	93	1170	0.4356	
* 31 TBA-d9 (IS)	65	2.087	2.079	0.008	100	206606	1000.0	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	98	246526	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	128789	53.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	137144	50.4	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	521782	50.0	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	27574	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	534507	54.8	
* 94 Chlorobenzene-d5	117	7.707	7.699	0.008	85	395078	50.0	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	88	161224	54.4	
* 120 1,4-Dichlorobenzene-d4	152	11.411	11.410	0.001	96	192759	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

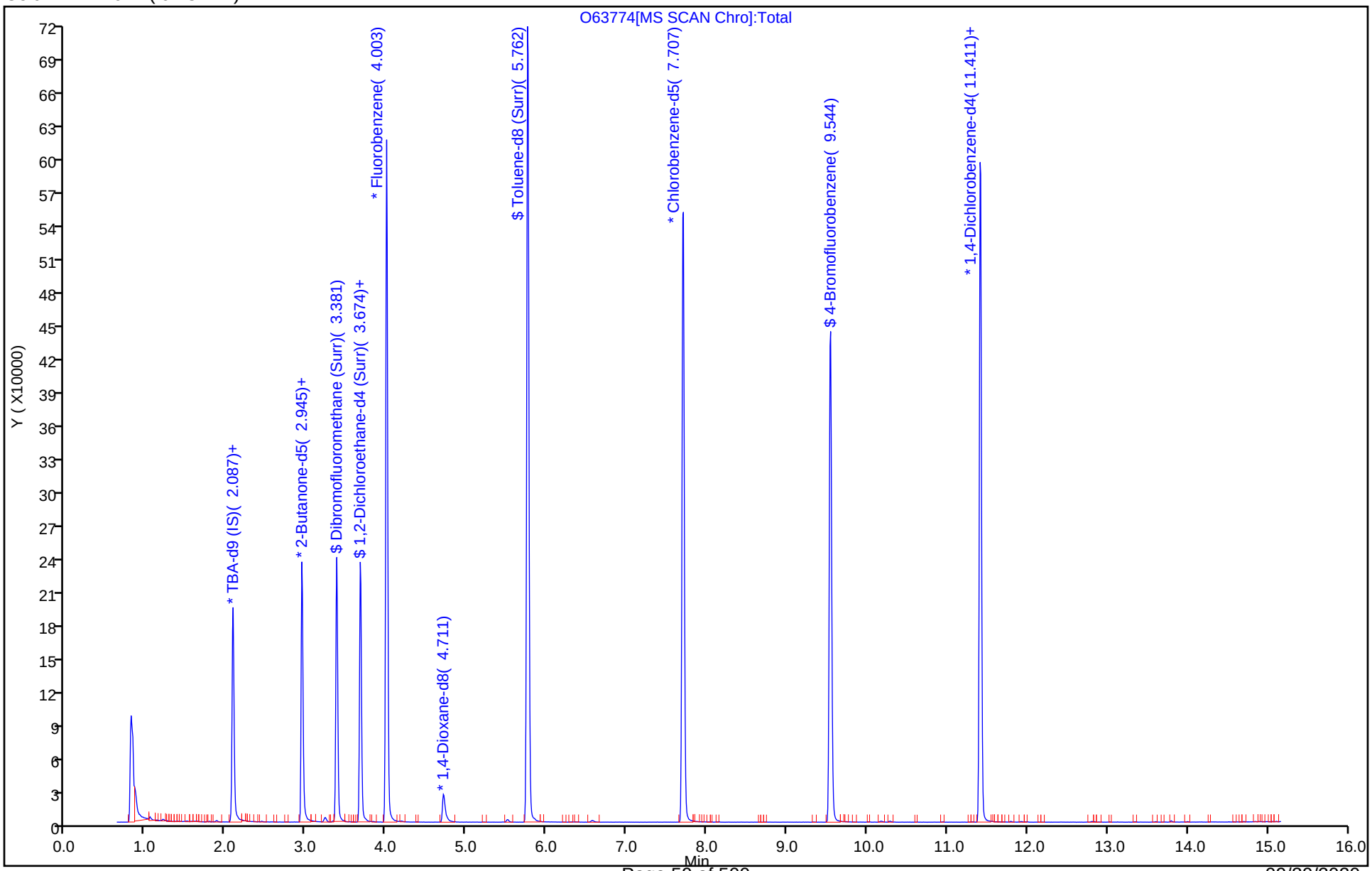
Report Date: 30-Sep-2020 11:50:56 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63774.D

Injection Date:	27-Sep-2020 00:51:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-218658-A-2	Lab Sample ID:	460-218658-2	Worklist Smp#:	11
Client ID:	FB				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

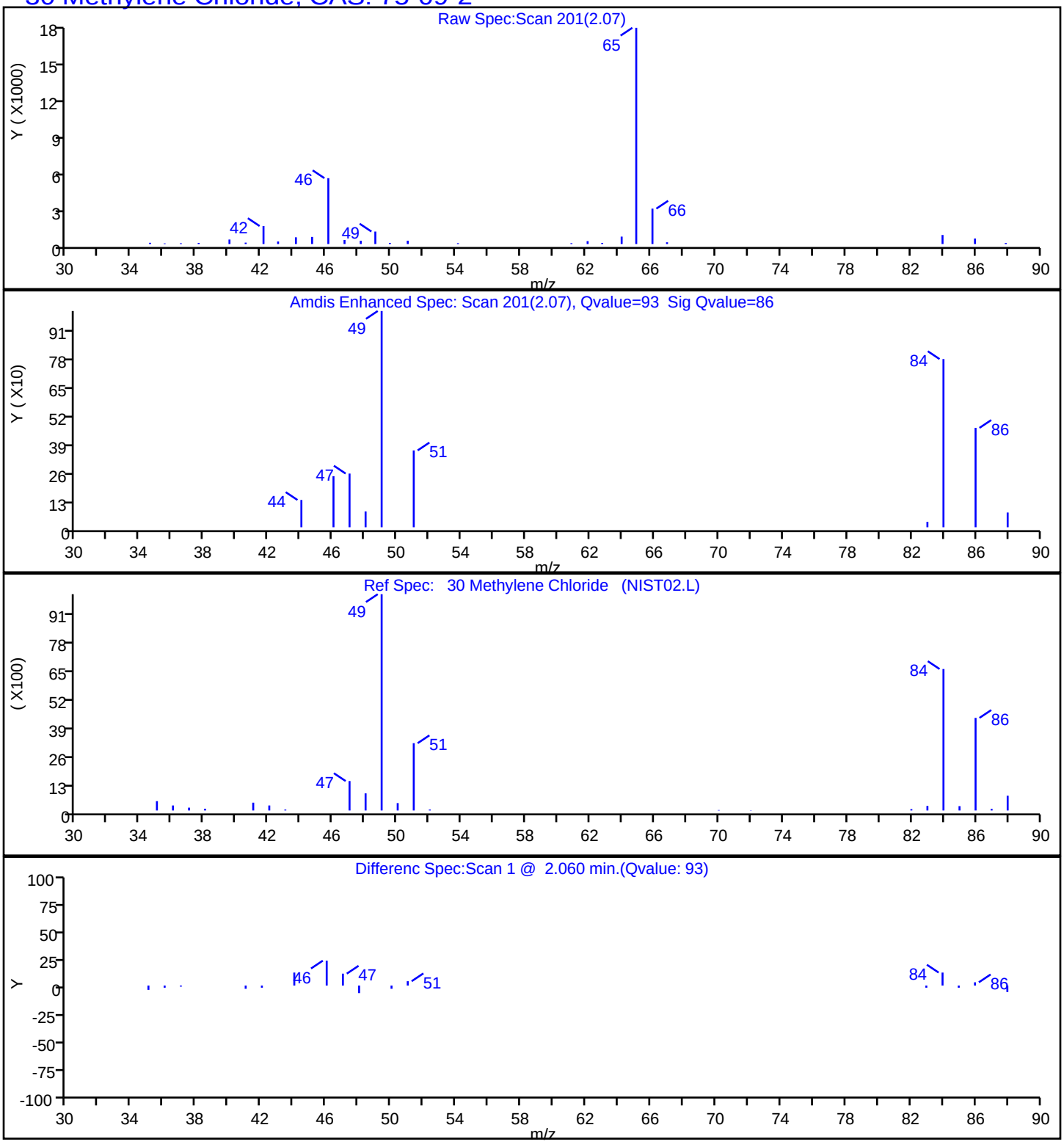
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63774.D				
Injection Date:	27-Sep-2020 00:51:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-2	Lab Sample ID:	460-218658-2		
Client ID:	FB				
Operator ID:		ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-24 Lab Sample ID: 460-218658-3

Matrix: Water Lab File ID: O63775.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:35

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:16

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.29	J	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.52	J	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	36		1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	60		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	33		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	2.6		1.0	0.31
75-01-4	Vinyl chloride	2.1		1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-24 Lab Sample ID: 460-218658-3

Matrix: Water Lab File ID: O63775.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:35

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:16

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	110		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-24 Lab Sample ID: 460-218658-3

Matrix: Water Lab File ID: O63775.D

Analysis Method: 8260C Date Collected: 09/18/2020 09:35

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:16

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.: 727063 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D
Lims ID: 460-218658-A-3
Client ID: MW-24
Sample Type: Client
Inject. Date: 27-Sep-2020 01:16:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-A-3
Misc. Info.: 460-0117416-012
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Sep-2020 09:01:49 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1029

First Level Reviewer: boykink Date: 27-Sep-2020 01:47:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.078	1.078	0.000	98	6854	2.12	
* 31 TBA-d9 (IS)	65	2.086	2.079	0.007	100	189983	1000.0	
34 trans-1,2-Dichloroethene	96	2.244	2.244	0.000	94	77653	32.7	
37 1,1-Dichloroethane	63	2.537	2.530	0.007	97	1300	0.2904	
* 42 2-Butanone-d5	46	2.944	2.945	-0.001	98	231802	250.0	
44 cis-1,2-Dichloroethene	96	2.980	2.973	0.007	98	156212	59.6	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	124054	52.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	132052	49.6	
60 Benzene	78	3.731	3.731	0.000	98	4855	0.5219	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	510592	50.0	
68 Trichloroethene	95	4.374	4.375	-0.001	97	6541	2.62	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	25830	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	531945	55.1	
* 94 Chlorobenzene-d5	117	7.706	7.699	0.007	85	391330	50.0	
95 Chlorobenzene	112	7.742	7.742	0.000	95	239540	35.6	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	88	159825	54.4	
* 120 1,4-Dichlorobenzene-d4	152	11.417	11.410	0.007	96	193519	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

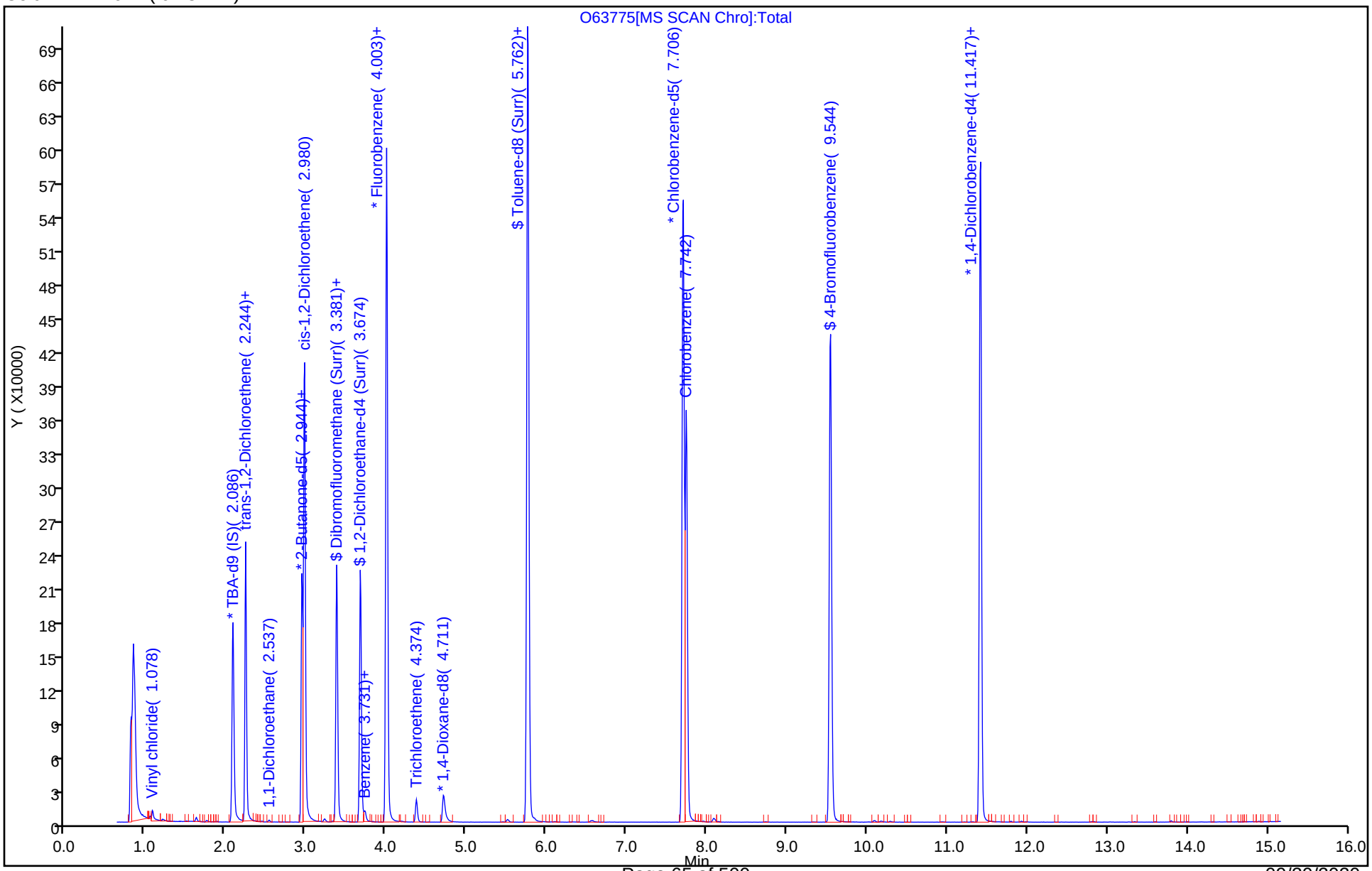
Report Date: 30-Sep-2020 11:51:21 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D

Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3	Worklist Smp#:	12
Client ID:	MW-24				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

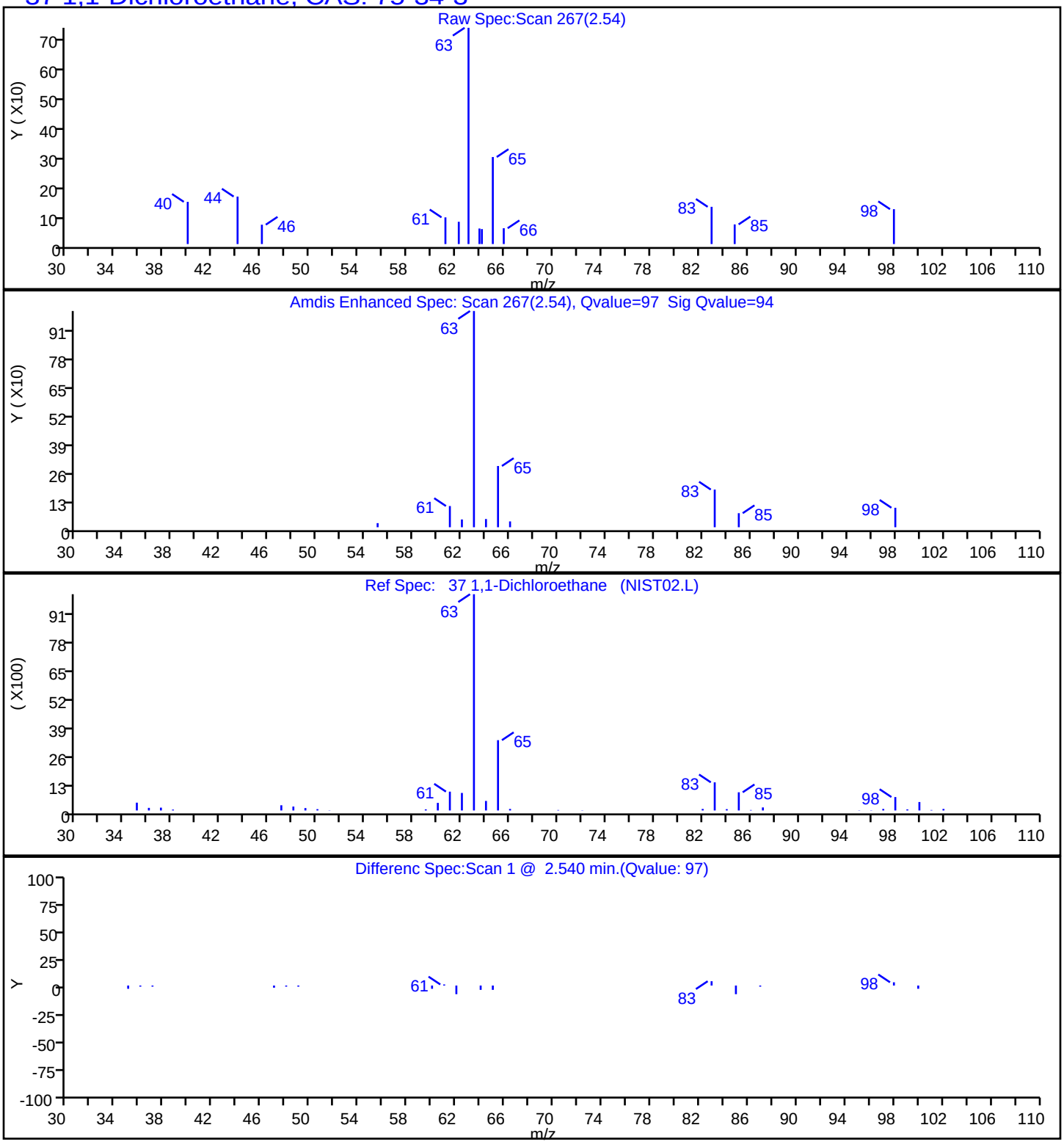
Column: DB-624 (0.18 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D		
Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3
Client ID:	MW-24		
Operator ID:		ALS Bottle#:	11 Worklist Smp#: 12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS SCAN

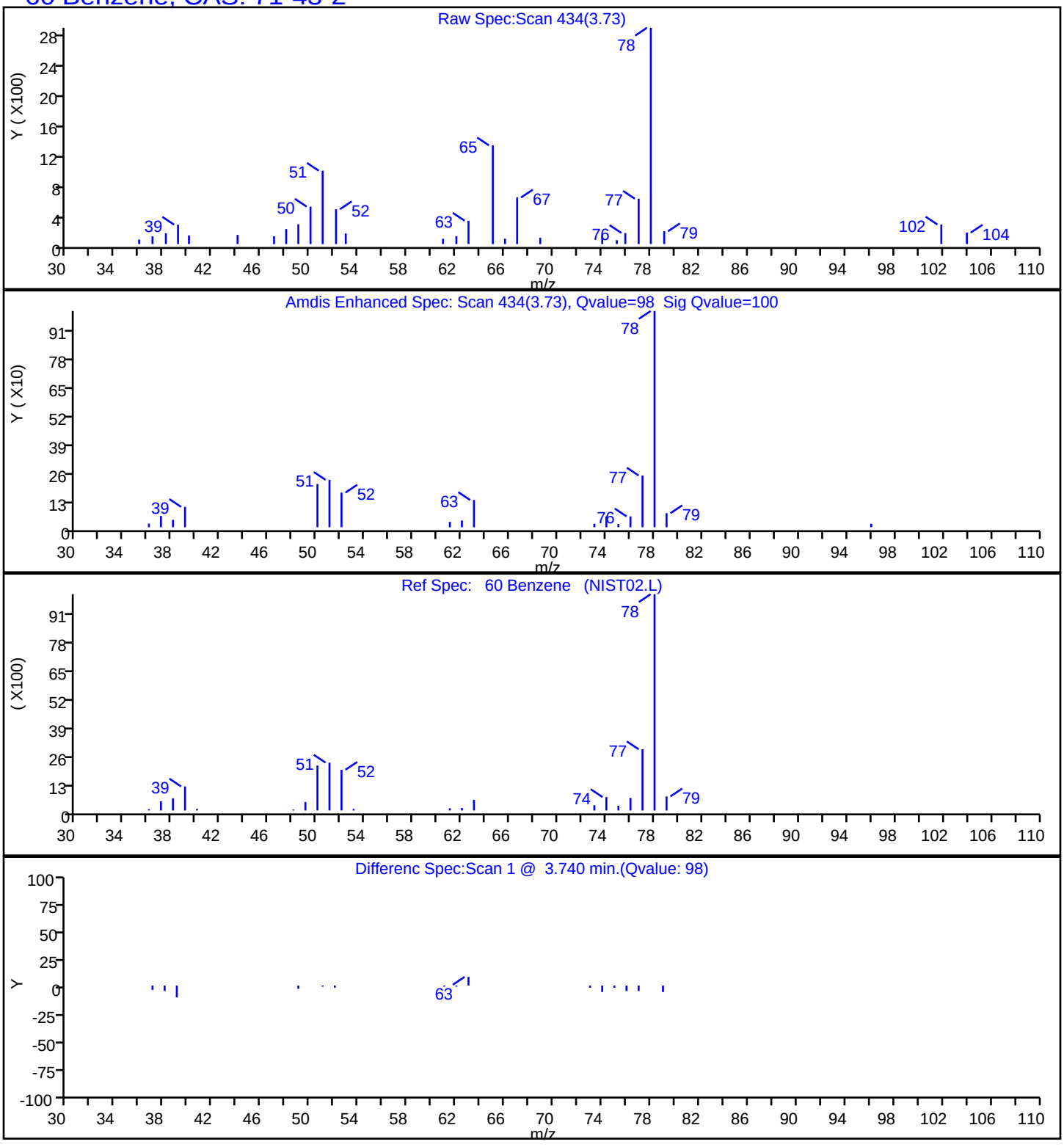
37 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D				
Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

60 Benzene, CAS: 71-43-2



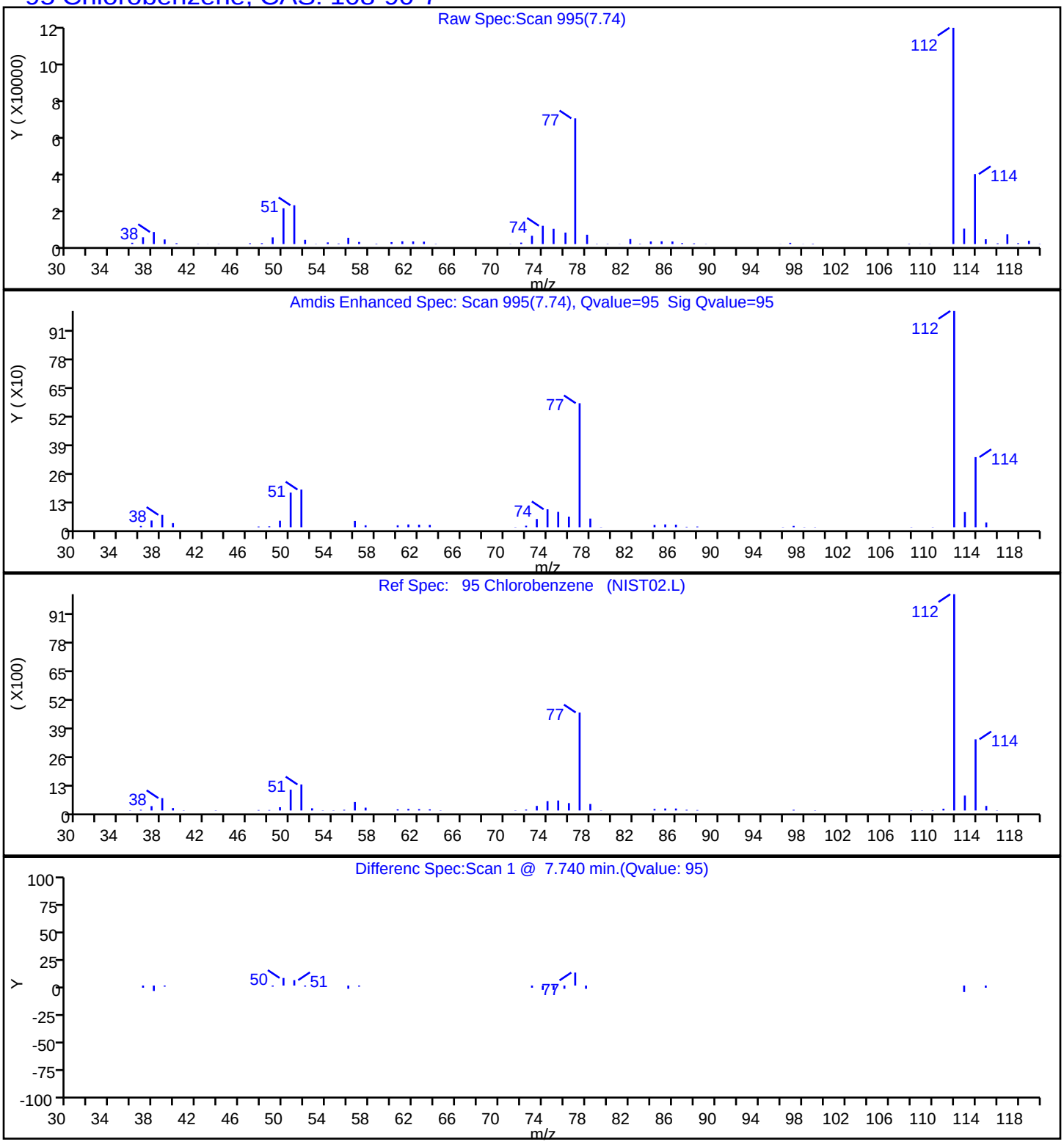
Report Date: 30-Sep-2020 11:51:21 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D

Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

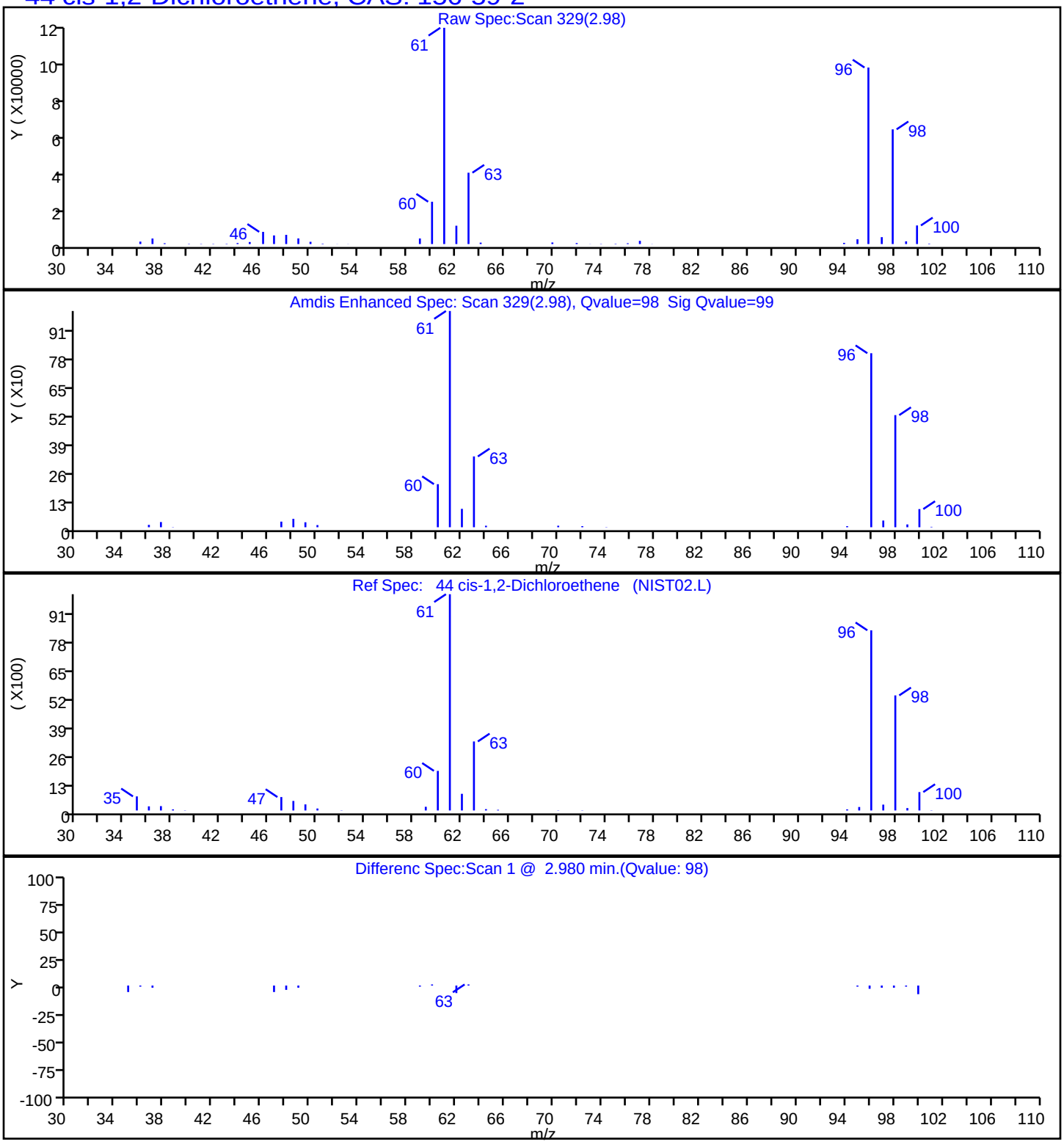
95 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D				
Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

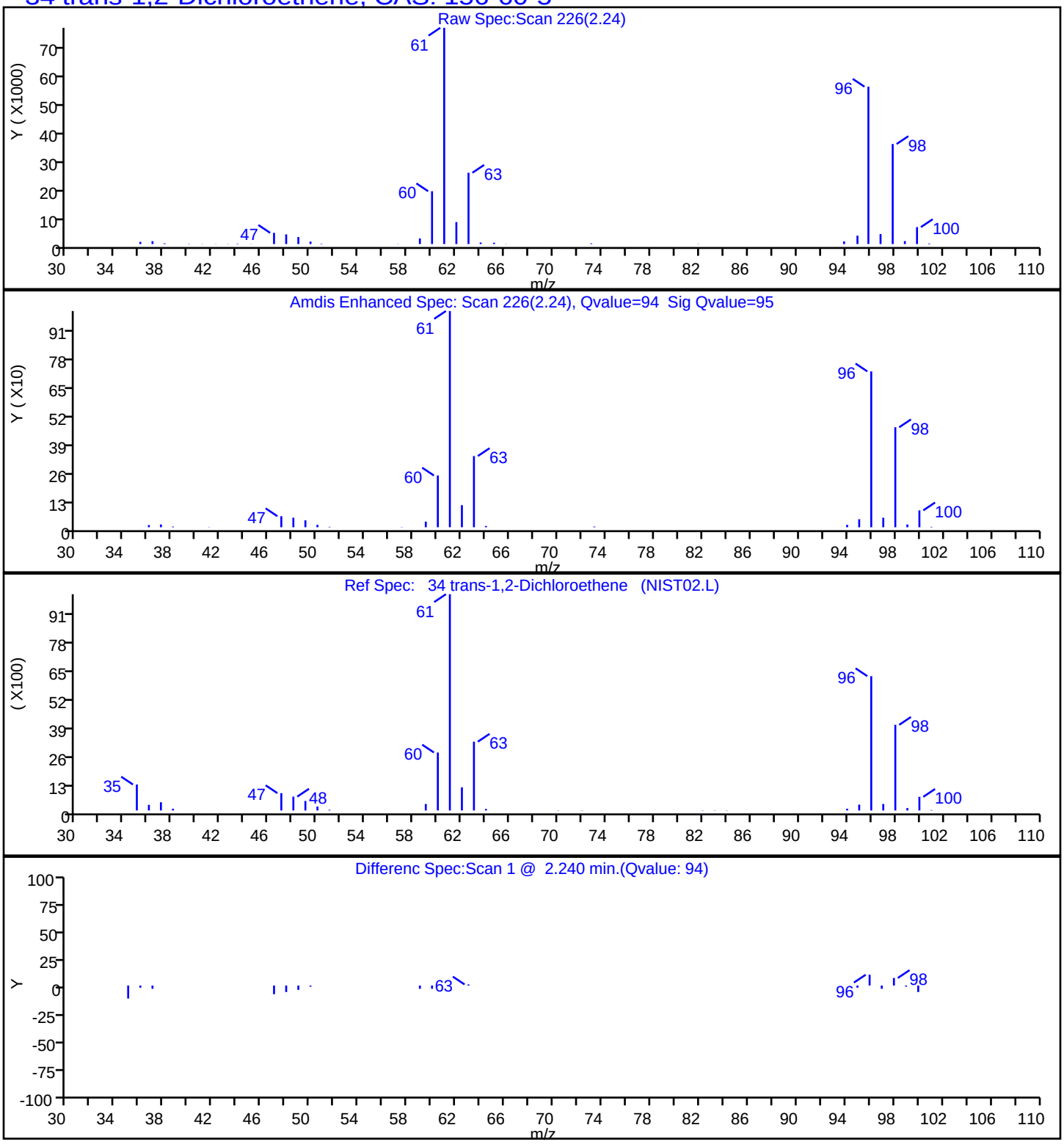
44 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D				
Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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



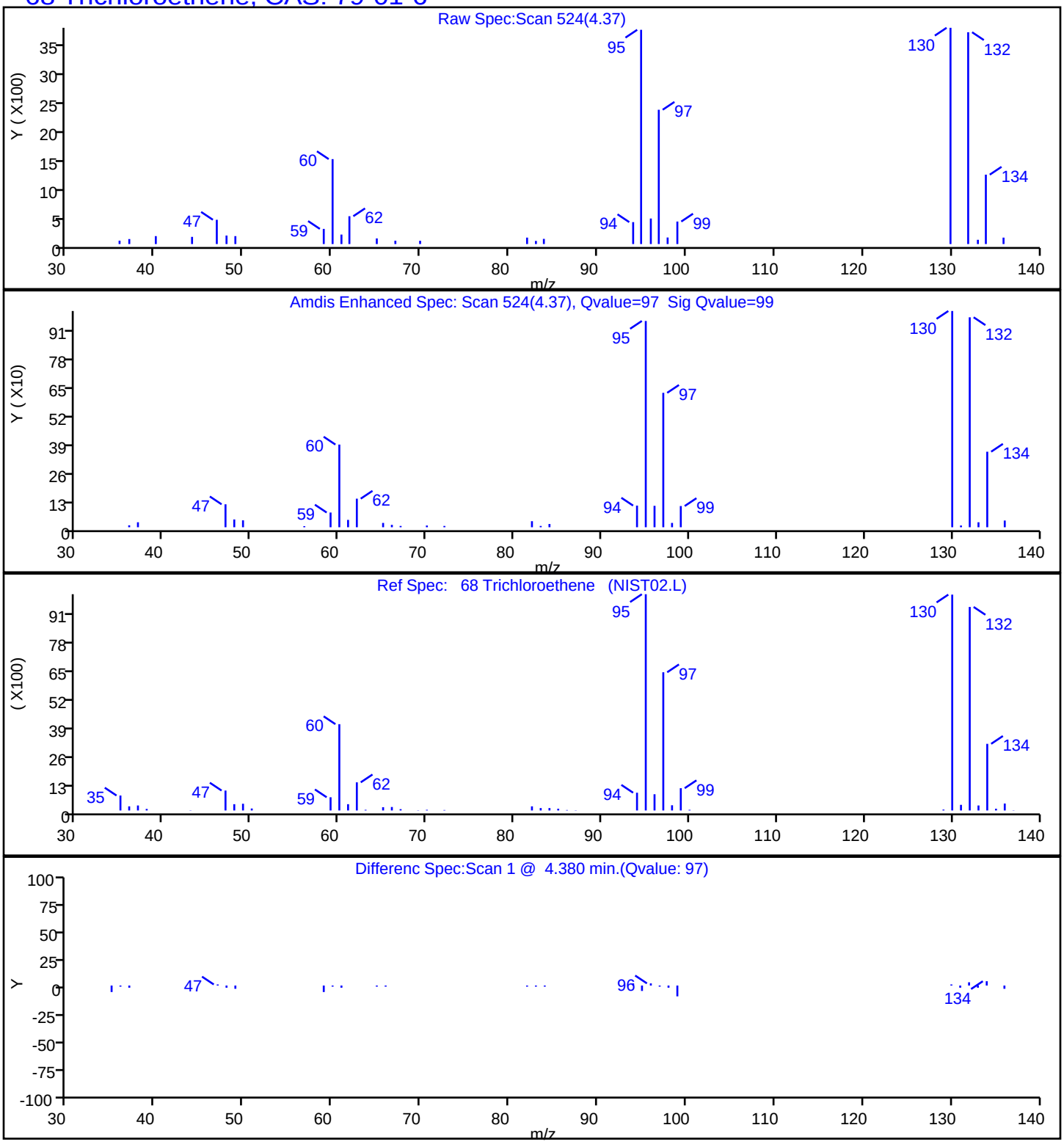
Report Date: 30-Sep-2020 11:51:21 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D

Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

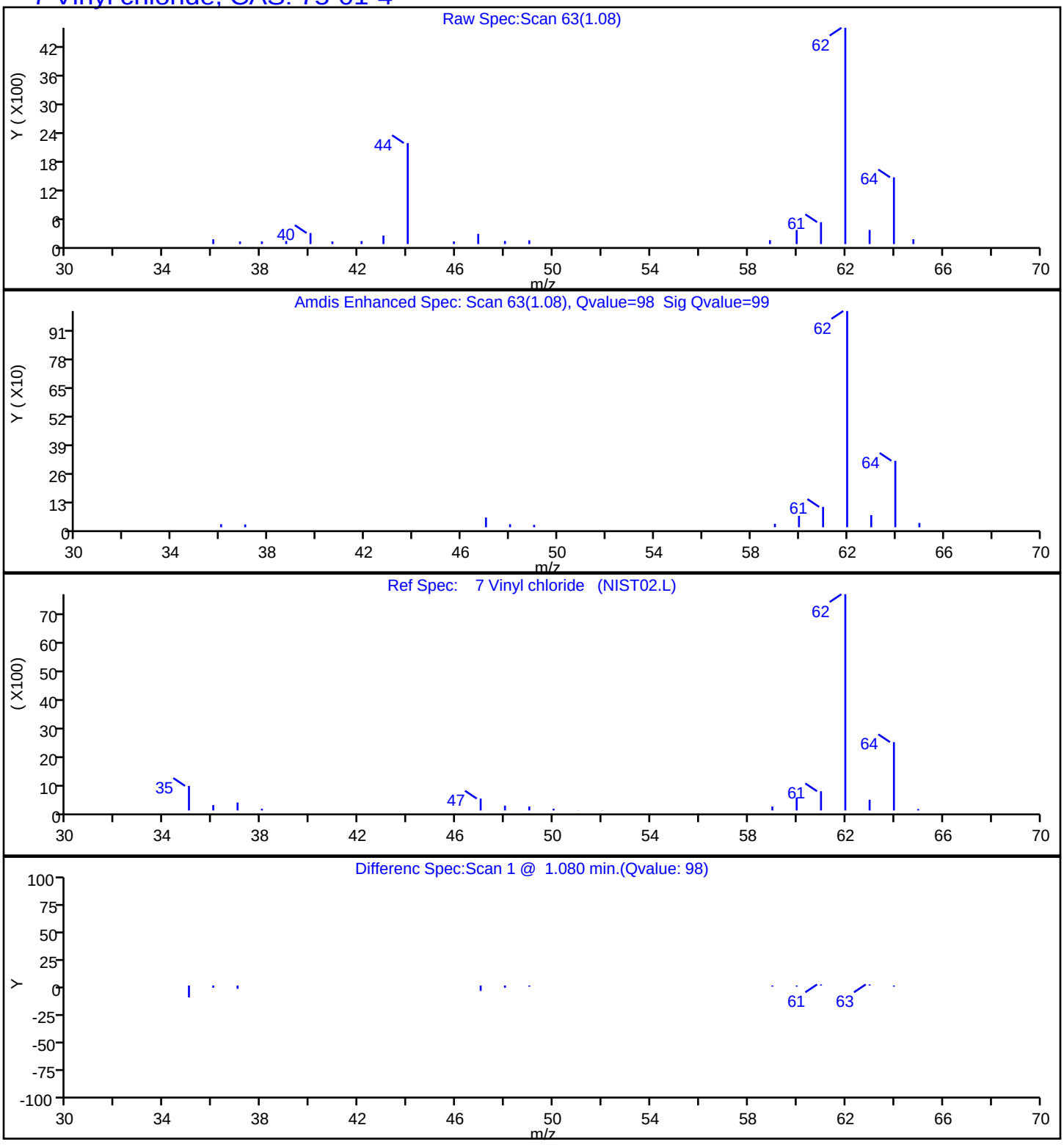
68 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63775.D				
Injection Date:	27-Sep-2020 01:16:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-A-3	Lab Sample ID:	460-218658-3		
Client ID:	MW-24				
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-43 Lab Sample ID: 460-218658-4

Matrix: Water Lab File ID: O63776.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:15

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:41

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	J	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-43 Lab Sample ID: 460-218658-4

Matrix: Water Lab File ID: O63776.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:15

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:41

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		75-123
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	109		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-43 Lab Sample ID: 460-218658-4

Matrix: Water Lab File ID: O63776.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:15

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 01:41

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.: 727063 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63776.D
Lims ID: 460-218658-C-4
Client ID: MW-43
Sample Type: Client
Inject. Date: 27-Sep-2020 01:41:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-C-4
Misc. Info.: 460-0117416-013
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Sep-2020 09:01:49 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1029

First Level Reviewer: sgroa Date: 28-Sep-2020 09:01:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.086	1.078	0.008	93	570	0.1728	
* 31 TBA-d9 (IS)	65	2.087	2.079	0.008	100	207195	1000.0	
34 trans-1,2-Dichloroethene	96	2.244	2.244	0.000	93	495	0.2048	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	99	248055	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	128726	53.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	136178	50.2	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	520138	50.0	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	27536	1000.0	
74 1,4-Dioxane	88	4.768	4.768	0.000	92	615	20.5	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	535213	54.7	
* 94 Chlorobenzene-d5	117	7.707	7.699	0.008	85	396518	50.0	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	88	161642	54.3	
* 120 1,4-Dichlorobenzene-d4	152	11.411	11.410	0.001	96	197015	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

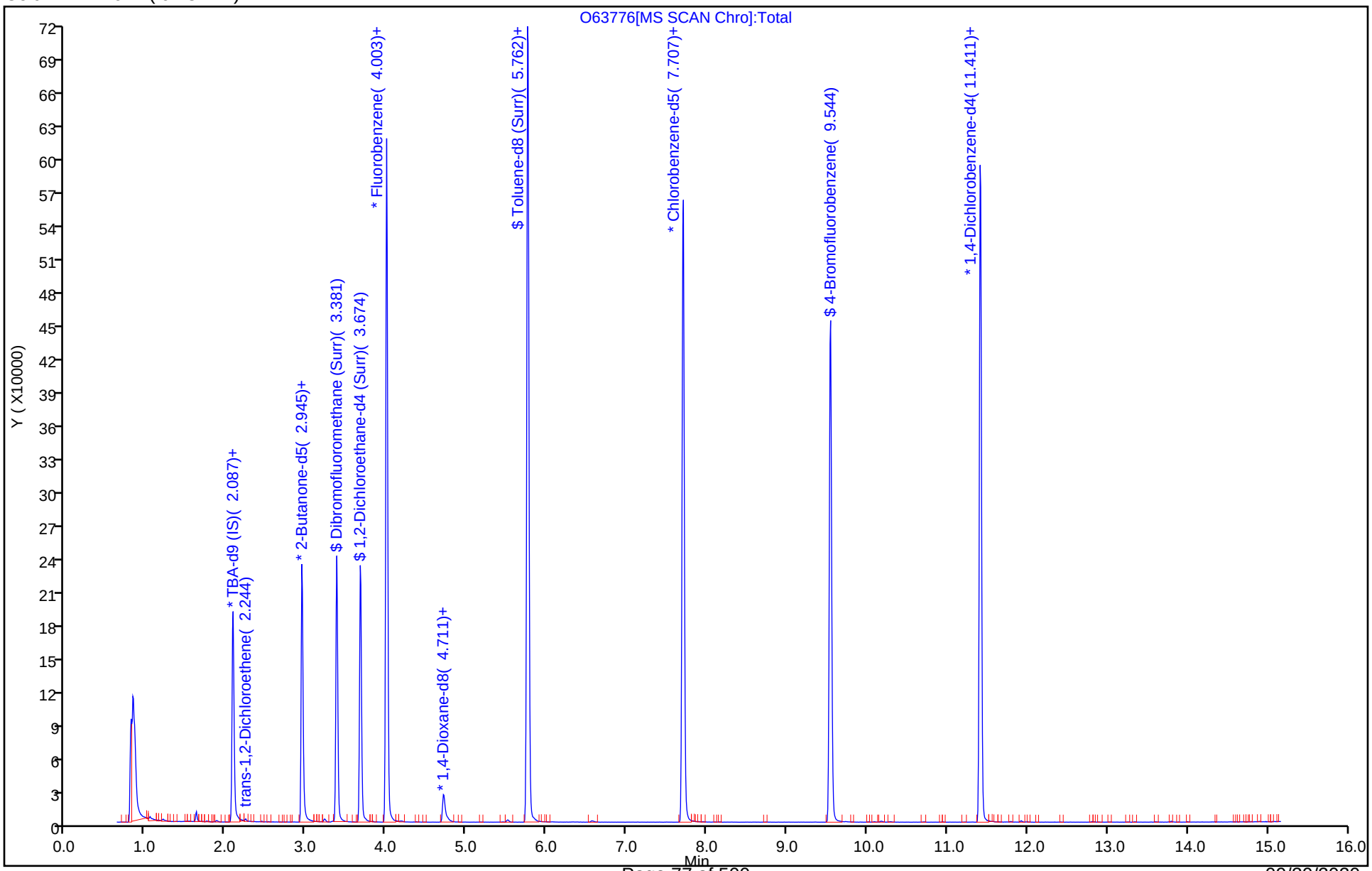
Report Date: 30-Sep-2020 11:51:41 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63776.D

Injection Date:	27-Sep-2020 01:41:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	460-218658-C-4	Lab Sample ID:	460-218658-4	Worklist Smp#:	13
Client ID:	MW-43				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)

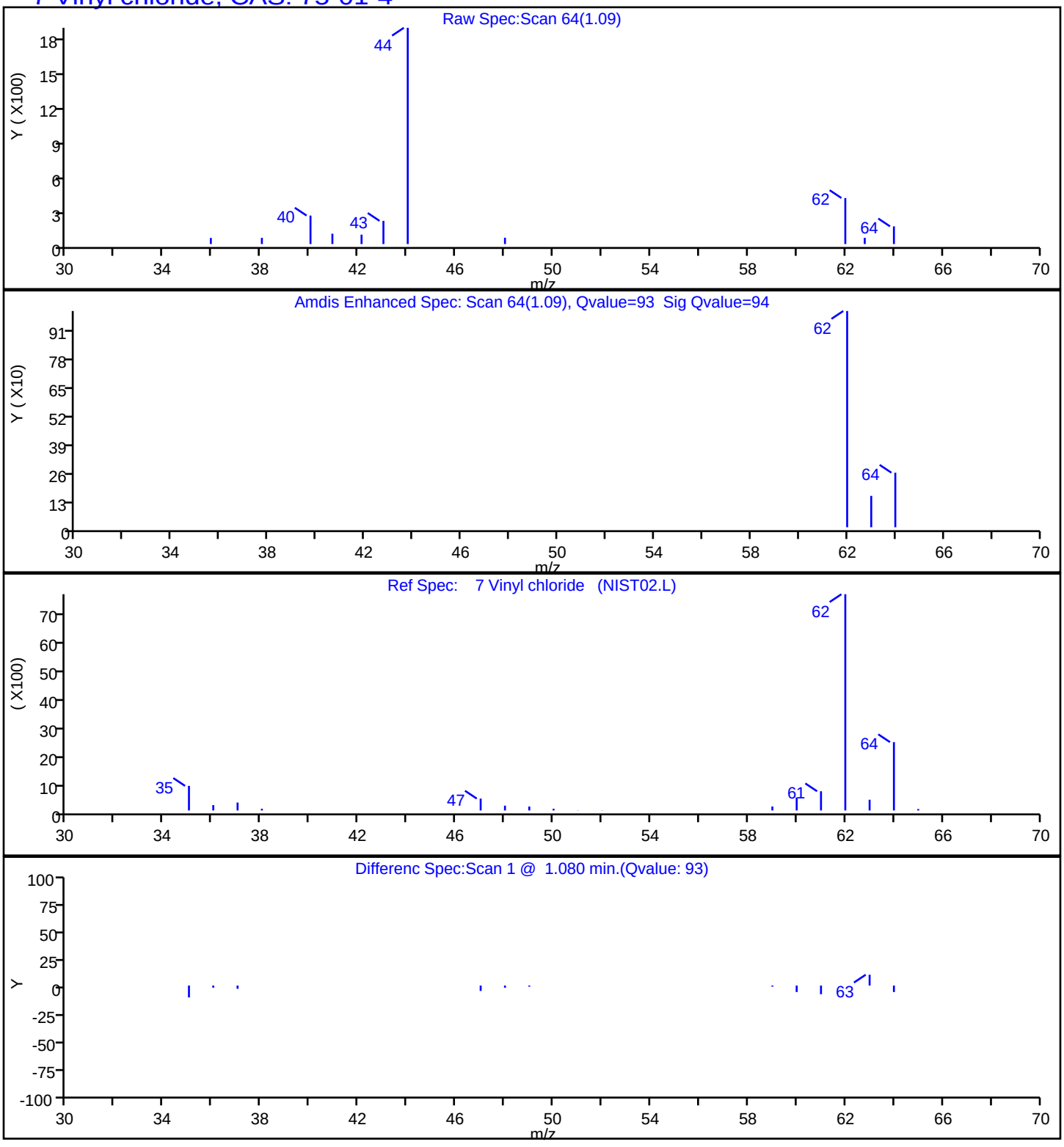


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63776.D

Injection Date:	27-Sep-2020 01:41:30	Instrument ID:	CVOAMS12		
Lims ID:	460-218658-C-4	Lab Sample ID:	460-218658-4		
Client ID:	MW-43				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

7 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: PZ-23 Lab Sample ID: 460-218658-5

Matrix: Water Lab File ID: P80241.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:53

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:04

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	86		50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U *1	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: PZ-23 Lab Sample ID: 460-218658-5

Matrix: Water Lab File ID: P80241.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:53

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:04

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: PZ-23 Lab Sample ID: 460-218658-5

Matrix: Water Lab File ID: P80241.D

Analysis Method: 8260C Date Collected: 09/18/2020 10:53

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:04

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80241.D
Lims ID: 460-218658-B-5
Client ID: PZ-23
Sample Type: Client
Inject. Date: 25-Sep-2020 18:04:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-B-5
Misc. Info.: 460-0117333-023
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 14:57:58 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: xuyvo Date: 26-Sep-2020 14:57:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	99	118709	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	146301	52.7	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	98	132132	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	135974	48.8	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	645069	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.231	0.014	63	16014	1000.0	
78 1,4-Dioxane	88	4.266	4.259	0.007	86	1595	86.4	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	599323	47.2	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	492321	50.0	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	95	190561	47.8	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	254293	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

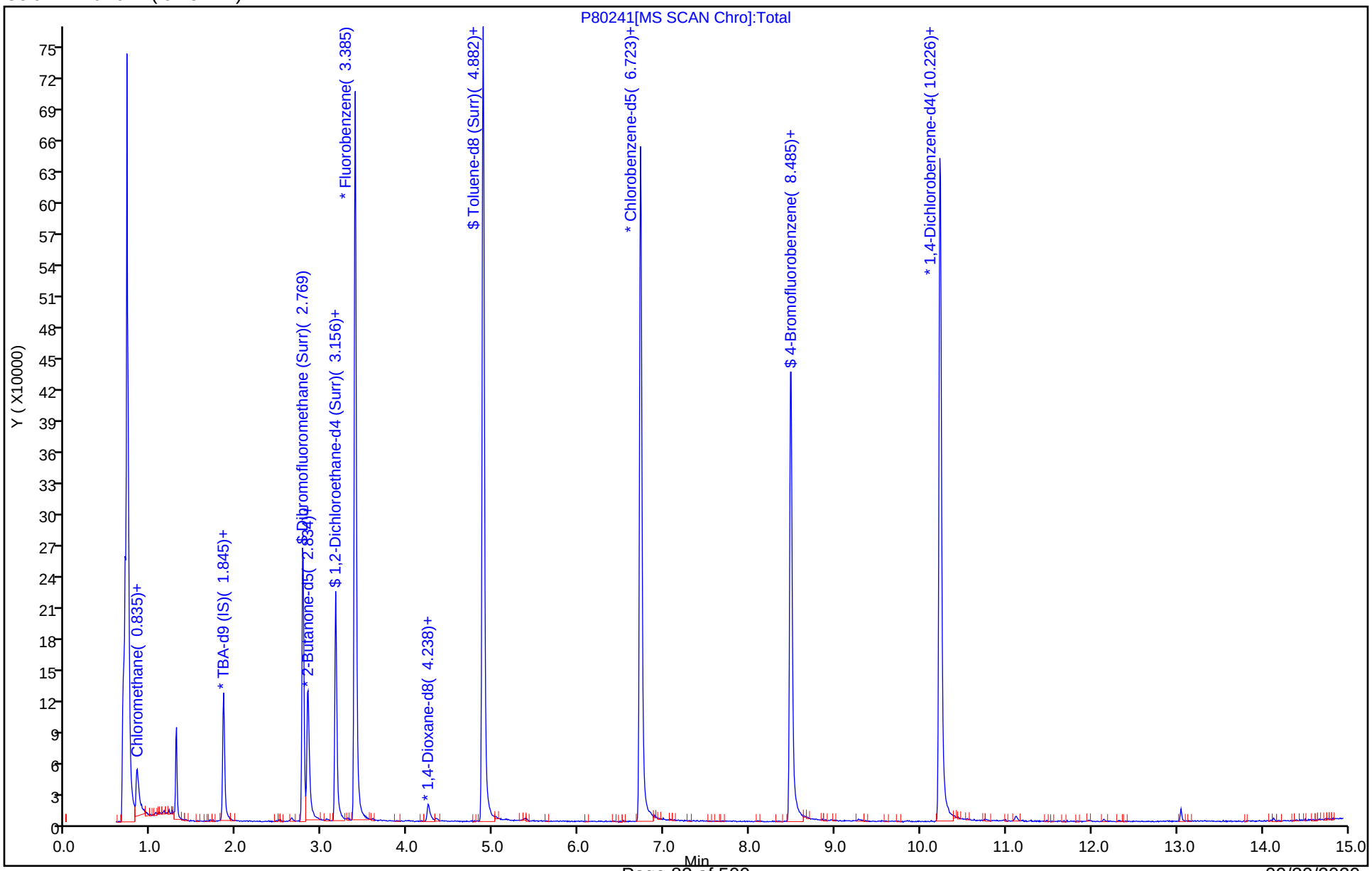
Report Date: 26-Sep-2020 14:58:03 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80241.D

Injection Date:	25-Sep-2020 18:04:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-218658-B-5	Lab Sample ID:	460-218658-5	Worklist Smp#:	23
Client ID:	PZ-23				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

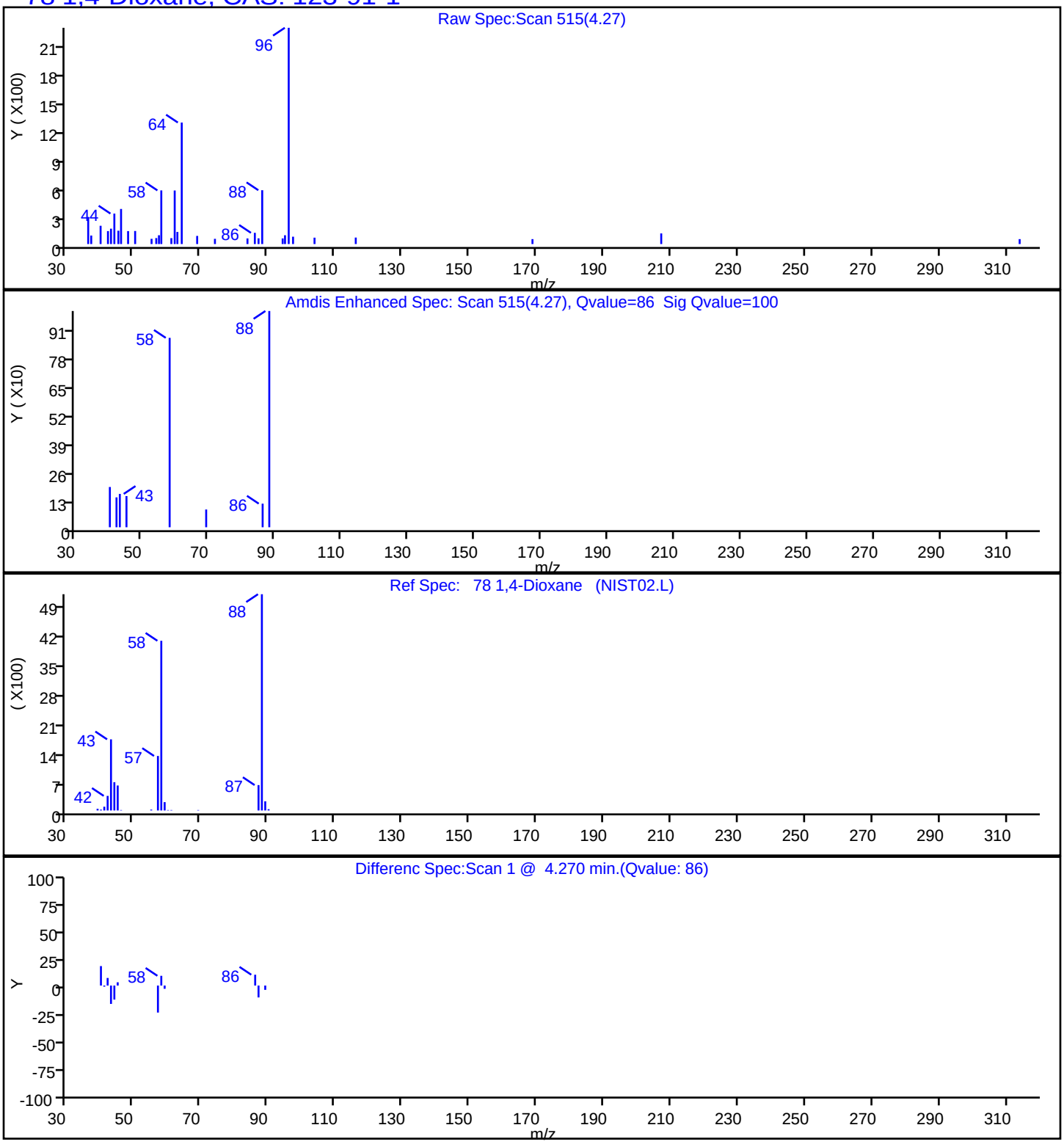
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80241.D				
Injection Date:	25-Sep-2020 18:04:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-5	Lab Sample ID:	460-218658-5		
Client ID:	PZ-23				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

78 1,4-Dioxane, CAS: 123-91-1



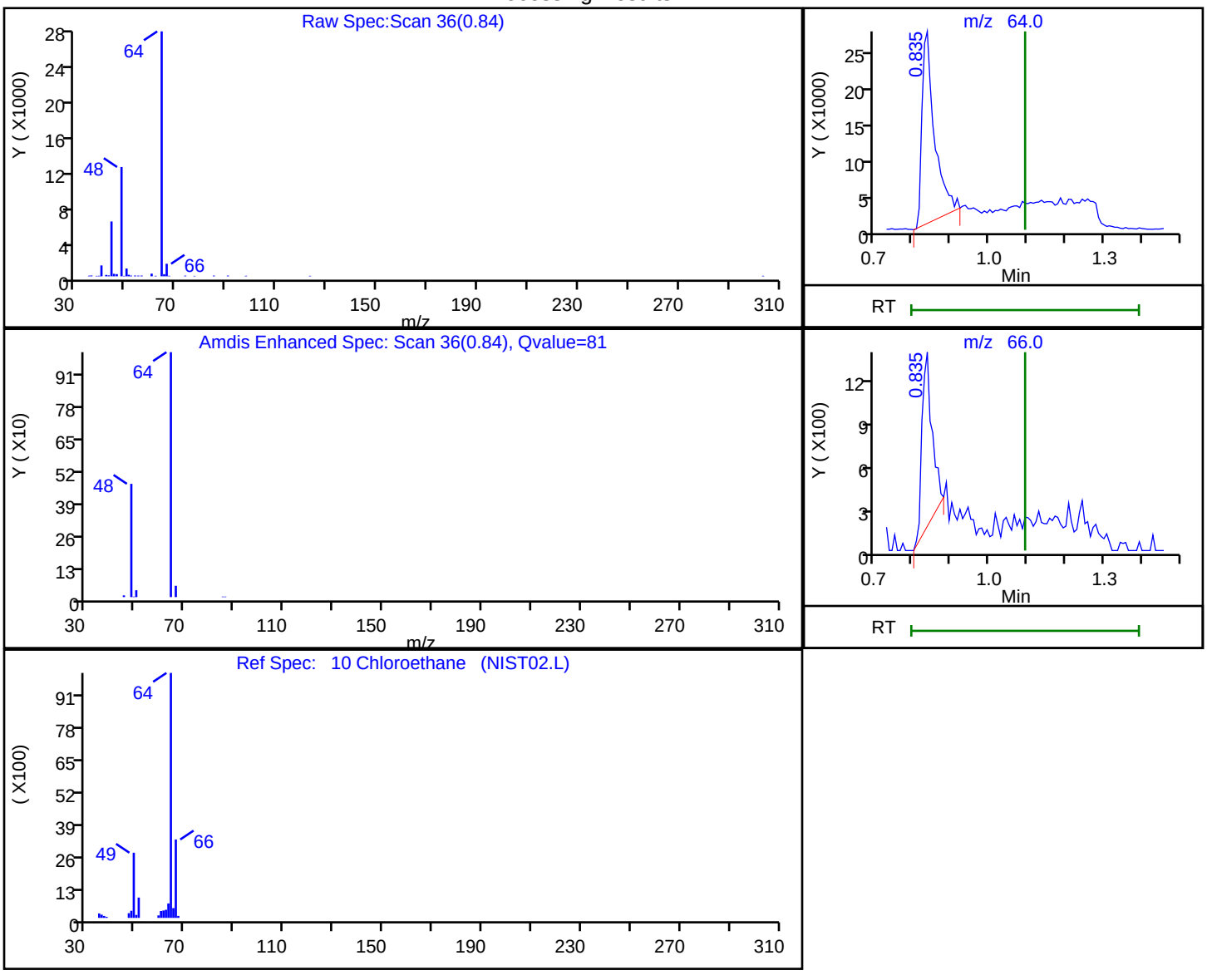
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80241.D		
Injection Date:	25-Sep-2020 18:04:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-5	Lab Sample ID:	460-218658-5
Client ID:	PZ-23		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.84	64.00	60509	25.604752
0.84	66.00	2255	

Reviewer: boykink, 25-Sep-2020 17:29:50

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.: 460-218658-1

SDG No.:

Client Sample ID: MW-36 Lab Sample ID: 460-218658-6

Matrix: Water Lab File ID: P80242.D

Analysis Method: 8260C Date Collected: 09/18/2020 11:37

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	180		50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U *1	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	1.9		1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-36 Lab Sample ID: 460-218658-6

Matrix: Water Lab File ID: P80242.D

Analysis Method: 8260C Date Collected: 09/18/2020 11:37

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		75-123
460-00-4	Bromofluorobenzene	95		76-120
1868-53-7	Dibromofluoromethane (Surr)	101		77-124
2037-26-5	Toluene-d8 (Surr)	93		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-36 Lab Sample ID: 460-218658-6

Matrix: Water Lab File ID: P80242.D

Analysis Method: 8260C Date Collected: 09/18/2020 11:37

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:27

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D
Lims ID: 460-218658-B-6
Client ID: MW-36
Sample Type: Client
Inject. Date: 25-Sep-2020 18:27:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-B-6
Misc. Info.: 460-0117333-024
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 15:28:56 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1002

First Level Reviewer: boykink Date: 26-Sep-2020 22:32:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	99	116797	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	143104	50.7	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	98	129926	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	130415	46.0	
63 1,2-Dichloroethane	62	3.221	3.206	0.015	6	1211	0.3307	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	655260	50.0	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	63	15203	1000.0	M
78 1,4-Dioxane	88	4.259	4.259	0.000	89	3187	181.8	M
$ 82 Toluene-d8 (Surr)	98	4.883	4.882	0.001	99	572190	46.5	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	477575	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	94	18422	1.94	
$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	95	183879	47.6	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	95	248346	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

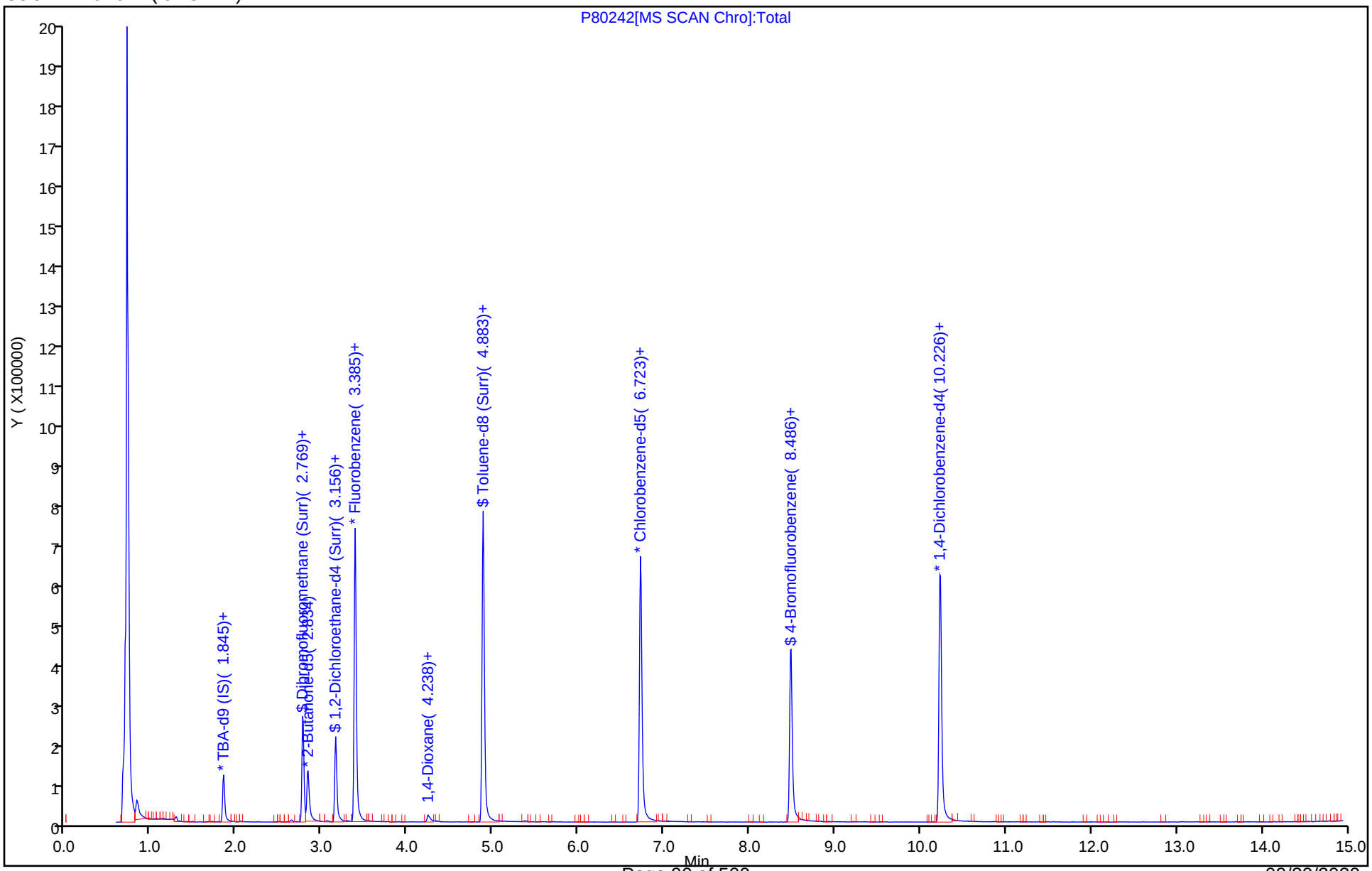
Report Date: 26-Sep-2020 22:32:34 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D

Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6	Worklist Smp#:	24
Client ID:	MW-36				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

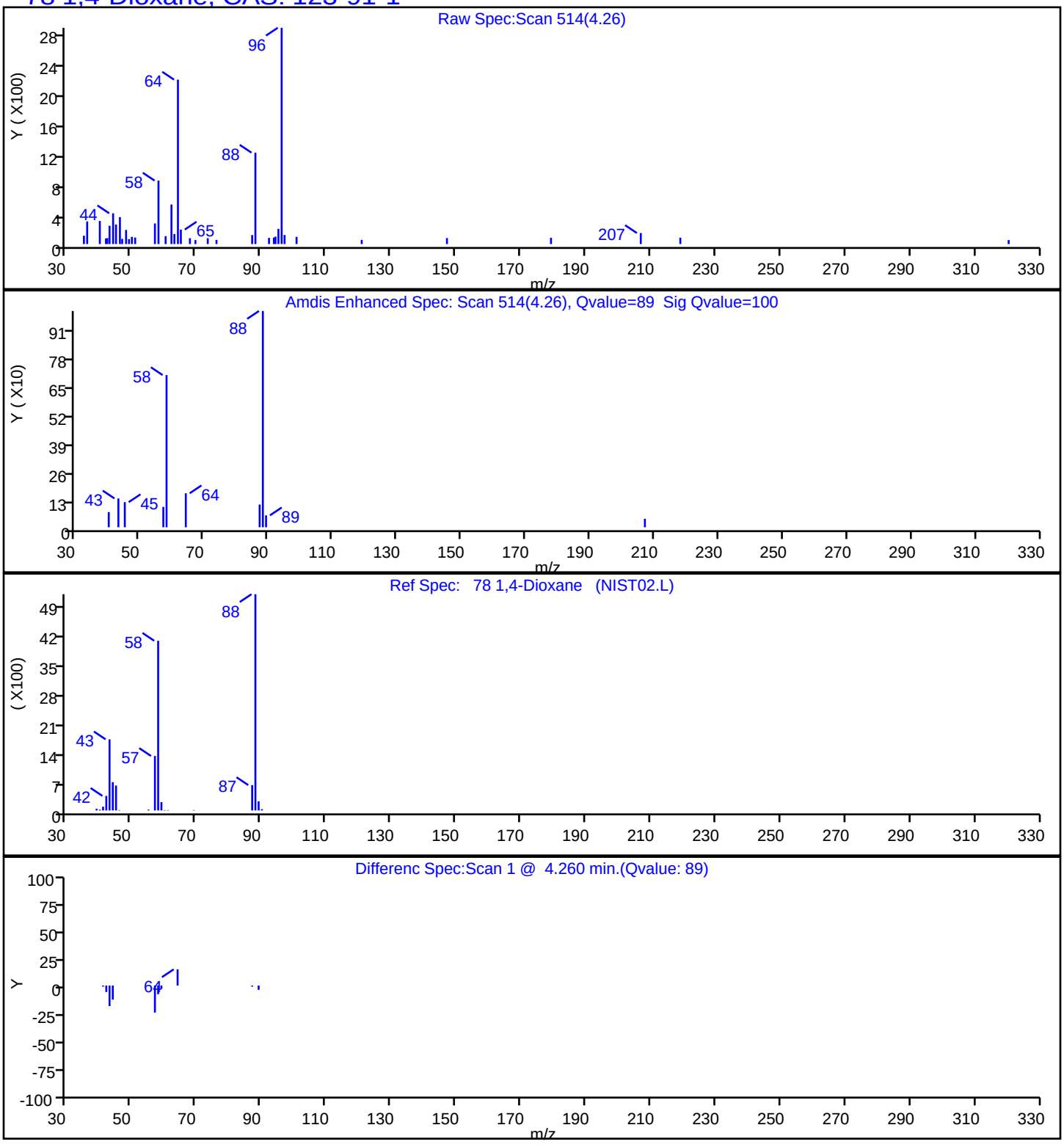


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D

Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6		
Client ID:	MW-36				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

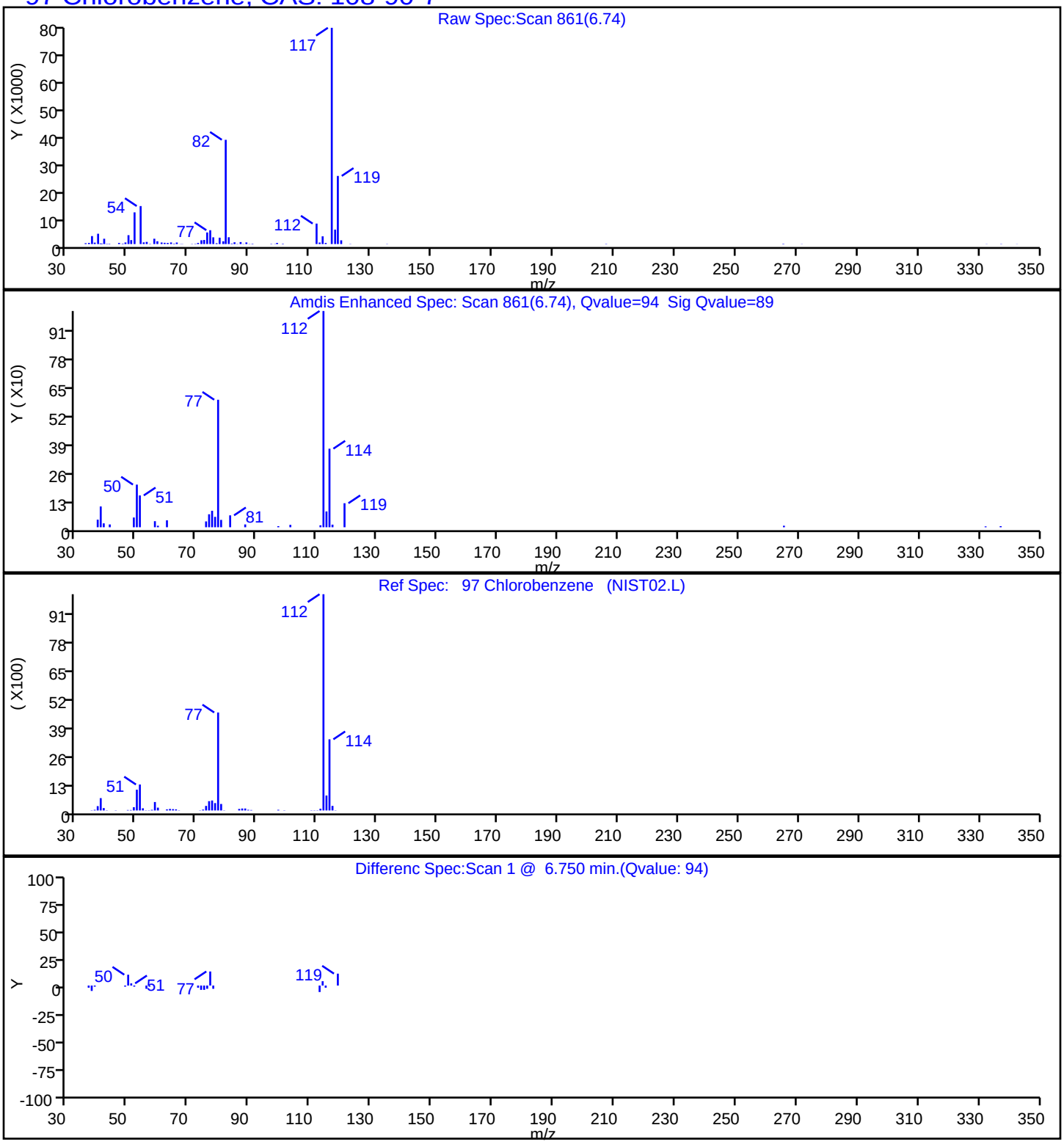
78 1,4-Dioxane, CAS: 123-91-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D				
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6		
Client ID:	MW-36				
Operator ID:		ALS Bottle#:	23	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

97 Chlorobenzene, CAS: 108-90-7



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

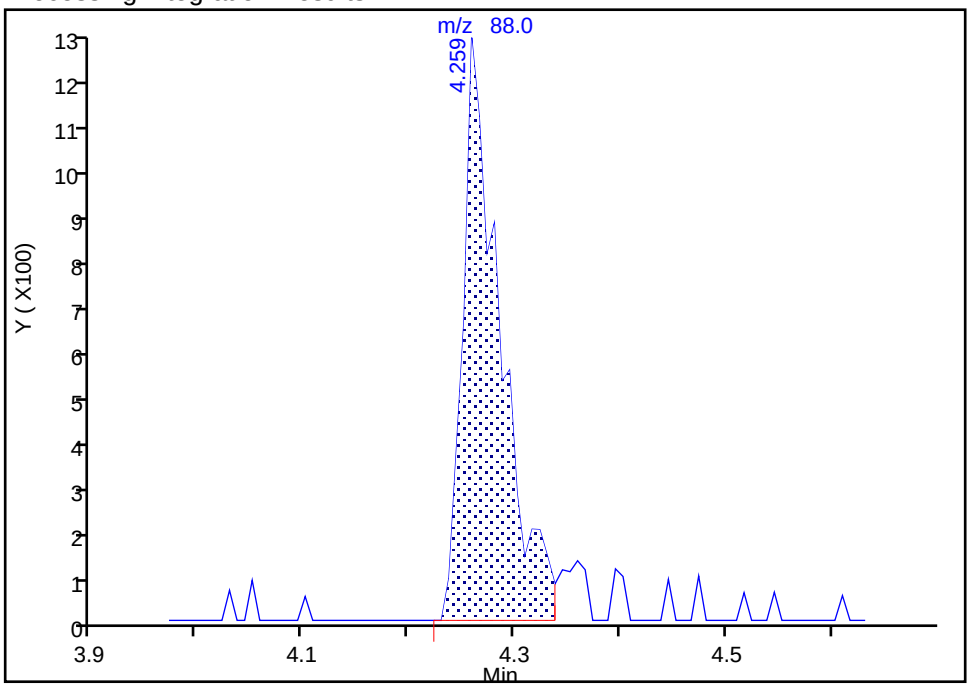
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D		
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6
Client ID:	MW-36		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

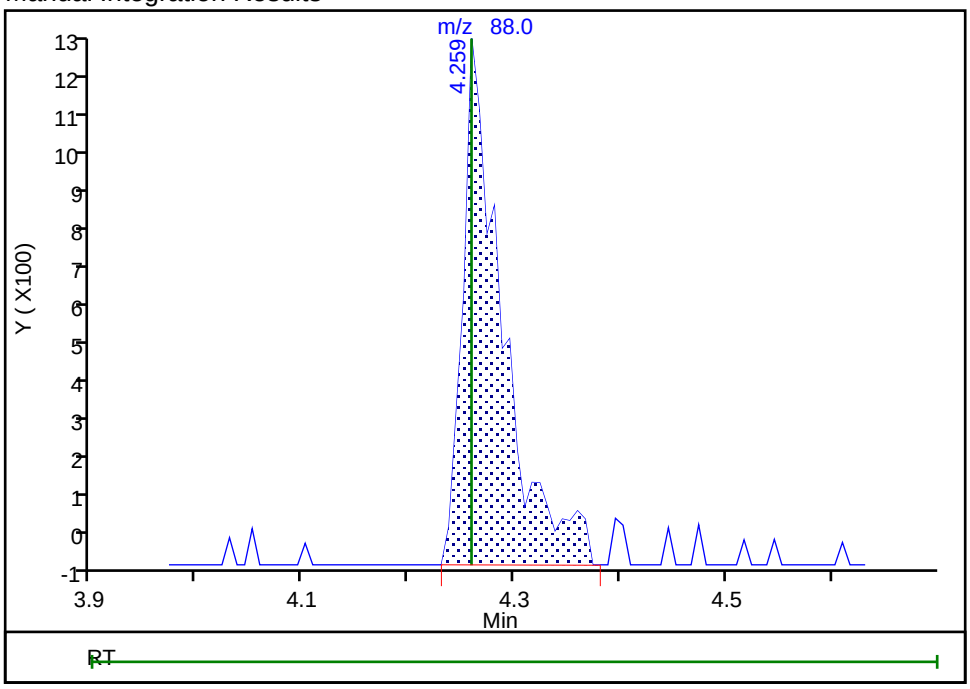
Processing Integration Results

RT: 4.26
Area: 2994
Amount: 173.3727
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 3187
Amount: 181.7689
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:57:34

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

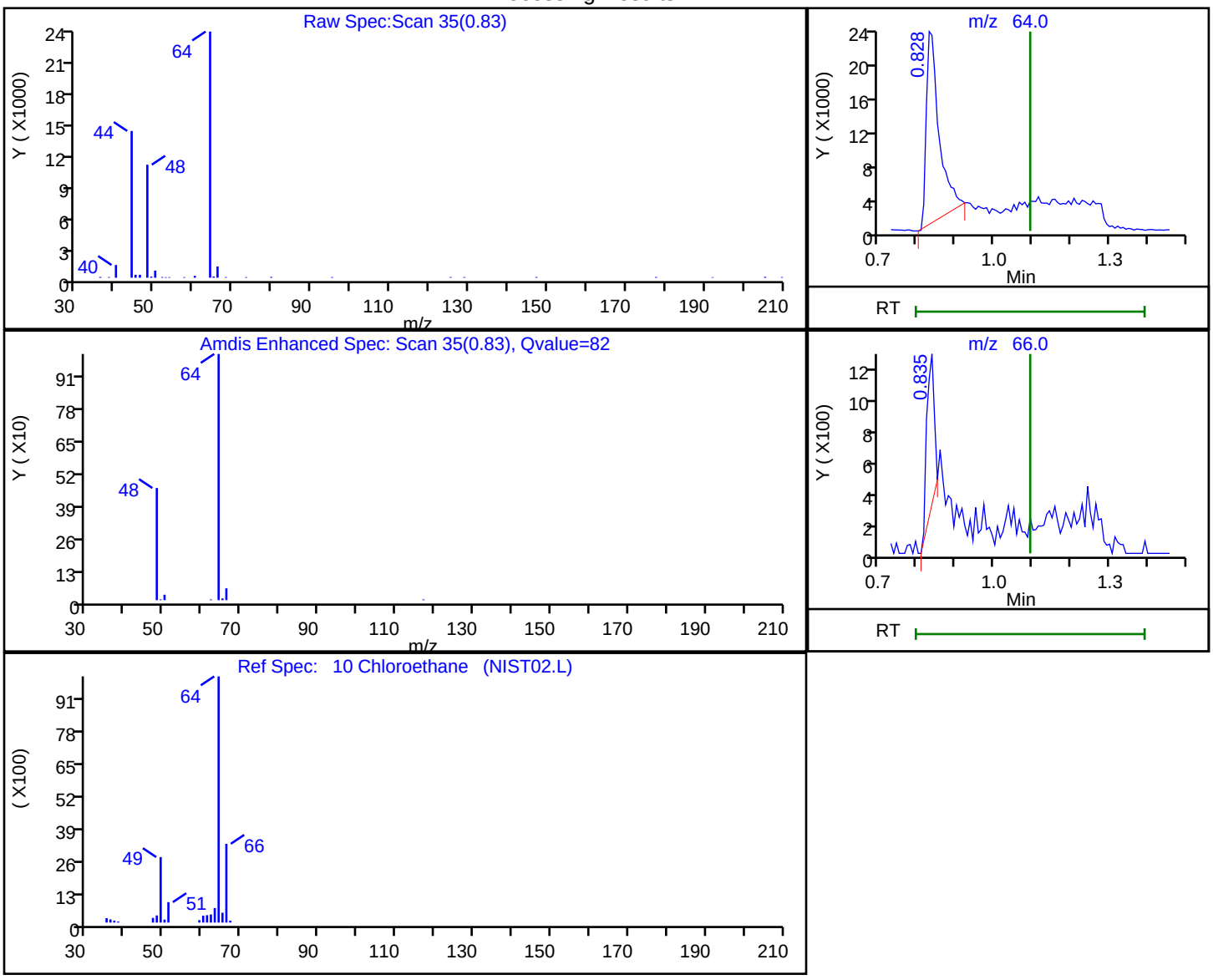
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D		
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6
Client ID:	MW-36		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
0.83	64.00	53440	22.261763
0.84	66.00	1289	

Reviewer: boykink, 25-Sep-2020 18:58:24

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

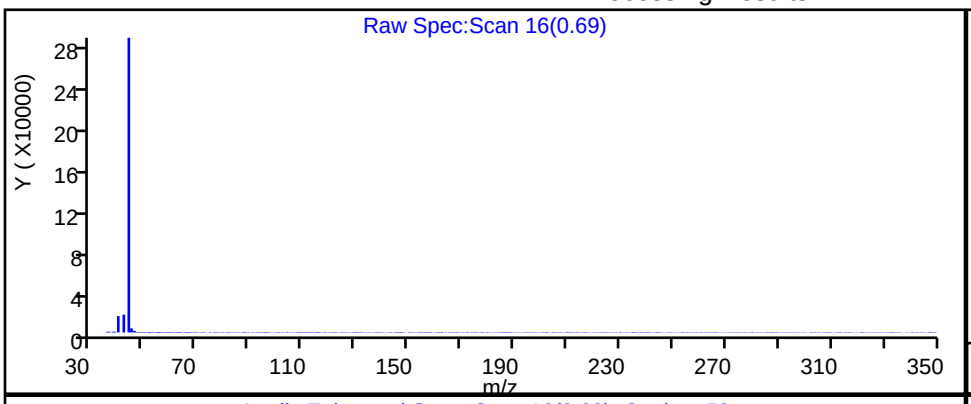
User Disabled Compound Report

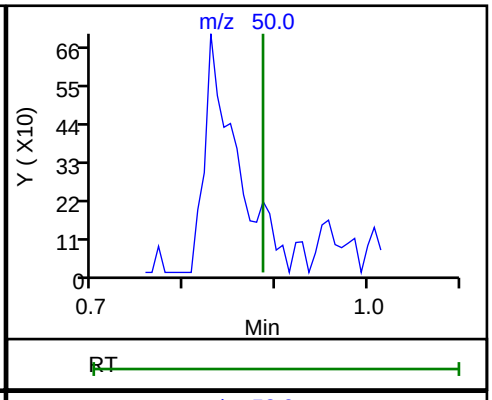
Eurofins TestAmerica, Edison

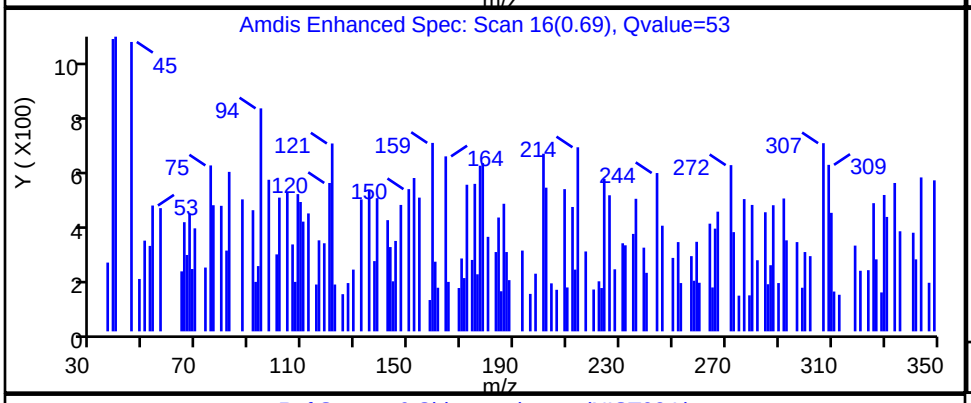
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D		
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6
Client ID:	MW-36		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

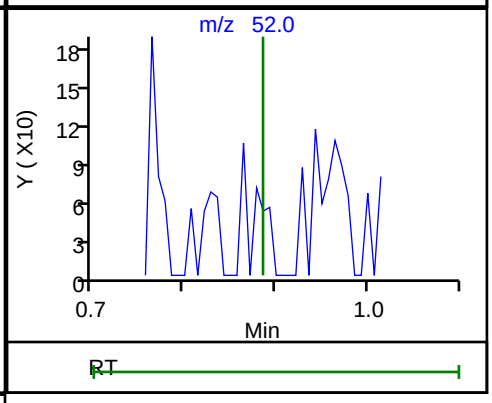
6 Chloromethane, CAS: 74-87-3

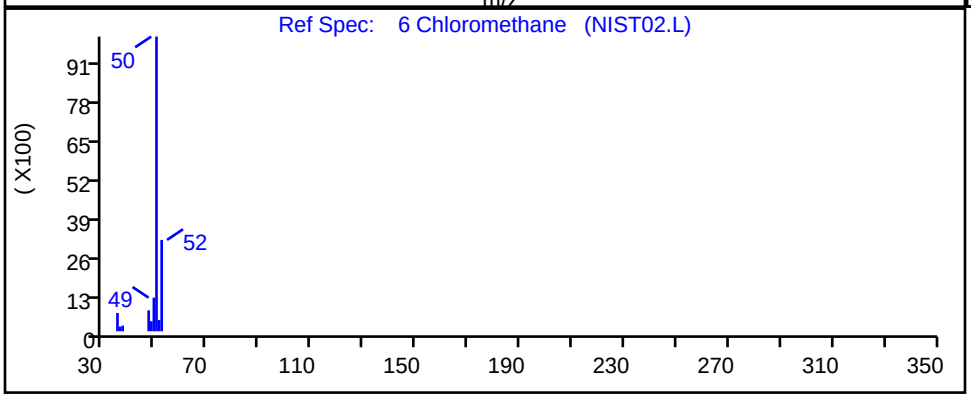
Processing Results











RT	Mass	Response	Amount
0.69	50.00	1015	0.164591
0.68	52.00	1142	

Reviewer: boykink, 25-Sep-2020 18:58:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

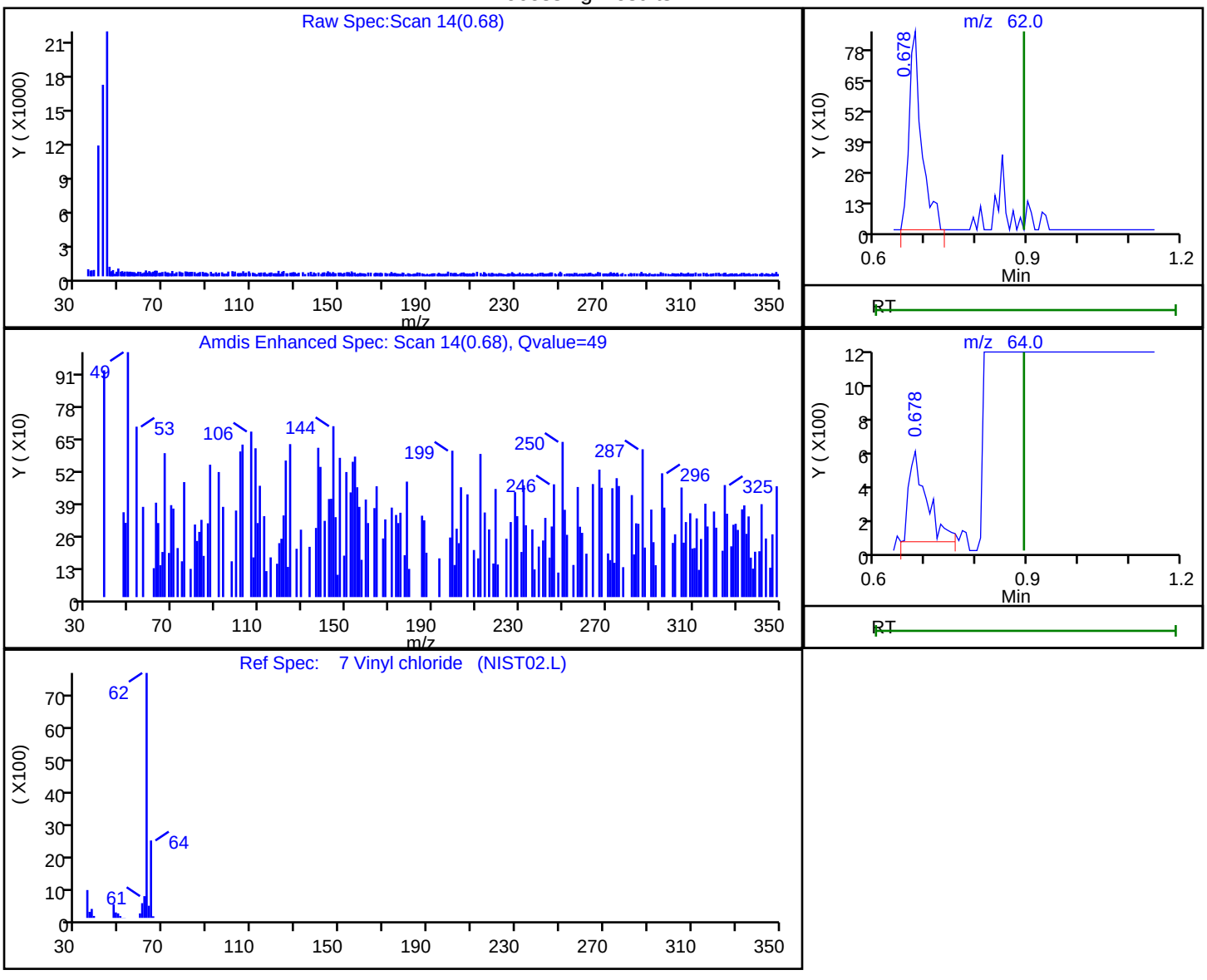
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D		
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6
Client ID:	MW-36		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.68	62.00	1449	0.320700
0.68	64.00	1300	

Reviewer: boykink, 25-Sep-2020 18:58:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

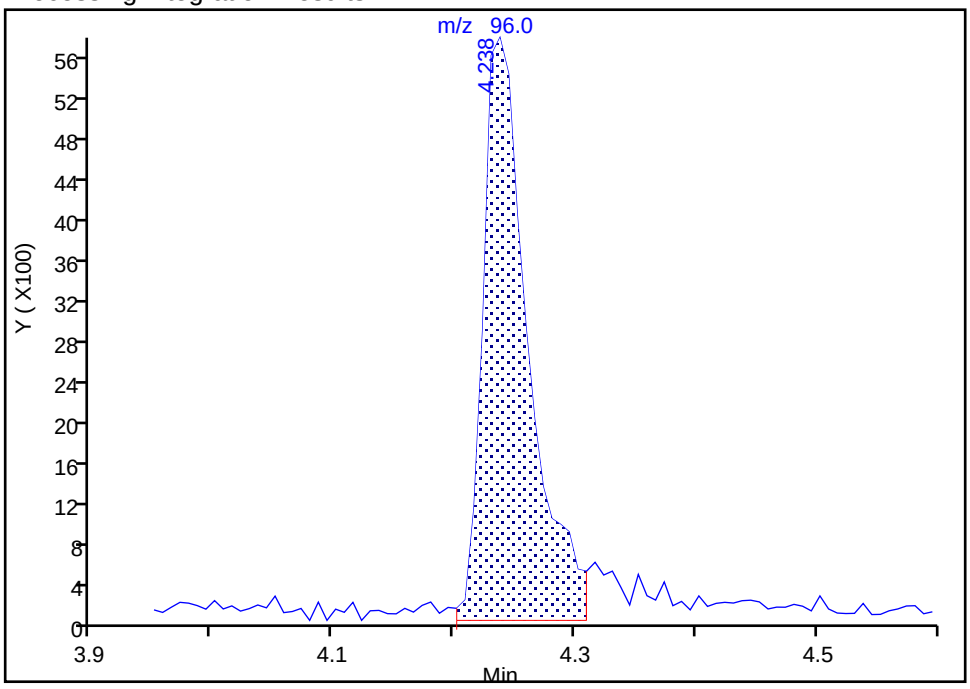
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80242.D		
Injection Date:	25-Sep-2020 18:27:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-6	Lab Sample ID:	460-218658-6
Client ID:	MW-36		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

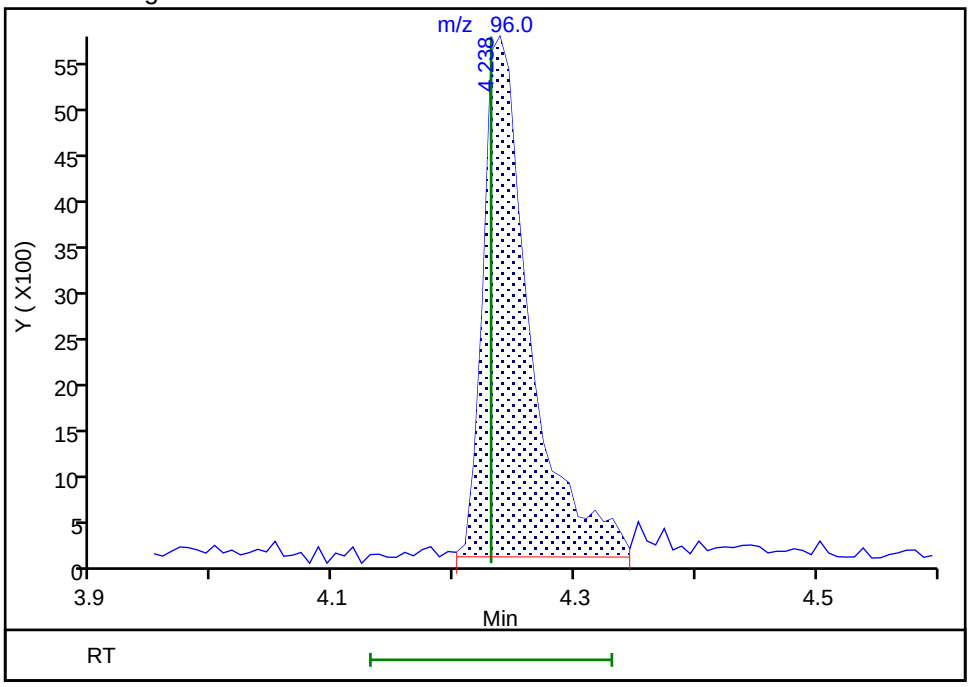
Processing Integration Results

RT: 4.24
Area: 14974
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 15203
Amount: 1000.0000
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:57:43

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-31 Lab Sample ID: 460-218658-7

Matrix: Water Lab File ID: P80243.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:03

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:50

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.42	J	1.0	0.26
75-35-4	1,1-Dichloroethene	0.36	J	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	40	J	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	1.3		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U *1	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	220		1.0	0.38
75-00-3	Chloroethane	56		1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.64	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	J	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-31 Lab Sample ID: 460-218658-7

Matrix: Water Lab File ID: P80243.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:03

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:50

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		75-123
460-00-4	Bromofluorobenzene	99		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	96		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-31 Lab Sample ID: 460-218658-7

Matrix: Water Lab File ID: P80243.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:03

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 18:50

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 5 TIC Result Total: 113.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
60-29-7	Ethyl ether	1.29	39	J N	91%
352-93-2	Diethyl sulfide	3.65	6.0	J N	97%
1000194-02-2	1,3-Dichloro-2-methyl-propene	4.09	6.1	J N	91%
	Unknown	6.88	5.8	J	
95-49-8	Benzene, 1-chloro-2-methyl-	8.91	57	J N	97%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D
Lims ID: 460-218658-B-7
Client ID: MW-31
Sample Type: Client
Inject. Date: 25-Sep-2020 18:50:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-B-7
Misc. Info.: 460-0117333-025
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 14:59:45 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: boykink Date: 25-Sep-2020 18:59:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
10 Chloroethane	64	1.093	1.093	0.000	99	126129	55.5	M
17 1,1-Dichloroethene	96	1.387	1.387	0.000	95	996	0.3568	
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	100	108542	1000.0	
38 1,1-Dichloroethane	63	2.118	2.117	0.001	97	2470	0.4167	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	98	145650	54.5	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	99	125932	250.0	
58 Benzene	78	3.056	3.049	0.007	96	19404	1.30	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	132891	49.6	
63 1,2-Dichloroethane	62	3.221	3.206	0.015	1	1072	0.3093	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	620317	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.231	0.014	63	14819	1000.0	M
78 1,4-Dioxane	88	4.266	4.259	0.007	27	685	40.1	a
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	591623	48.0	
83 Toluene	91	4.940	4.933	0.008	95	9695	0.6397	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	84	477770	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	96	2095344	220.7	
101 o-Xylene	106	7.655	7.626	0.029	98	4112	0.6513	
$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	95	190998	49.4	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	95	245074	50.0	
S 140 Xylenes, Total	100				0		0.6513	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D
Lims ID: 460-218658-B-7
Client ID: MW-31
Sample Type: Client
Inject. Date: 25-Sep-2020 18:50:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-B-7
Misc. Info.: 460-0117333-025
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 14:59:45 Calib Date: 04-Sep-2020 16:58:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 70

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: boykink Date: 25-Sep-2020 18:59:04

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	60-29-7 Ethyl ether							
1.287	964067	39.1	66	91	824	C4H10O	74	
	352-93-2 Diethyl sulfide							
3.650	148472	6.03	66	97	2285	C4H10S	90	
	1000194-02-2 1,3-Dichloro-2-methyl-propene							
4.087	151017	6.13	66	91	9961	C4H6Cl2	124	
	Unknown							
6.881	160429	5.85	123					
	95-49-8 Benzene, 1-chloro-2-methyl-							
8.908	1555009	56.7	123	97	10924	C7H7Cl	126	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	3.385	1231535	50.0
* 123 1,4-Dichlorobenzene-d4	10.233	1372000	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

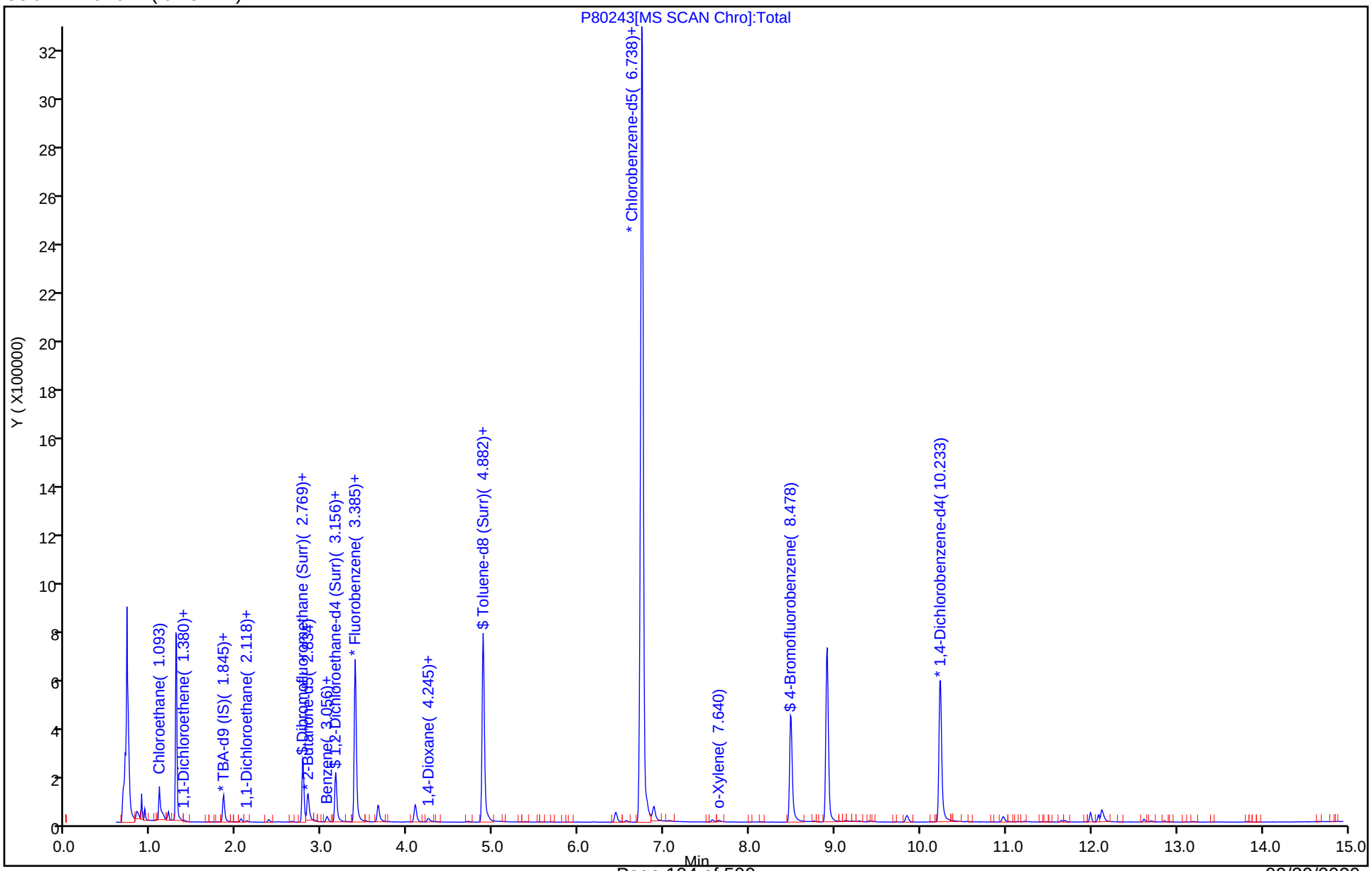
Report Date: 26-Sep-2020 14:59:45 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7	Worklist Smp#:	25
Client ID:	MW-31				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date: 25-Sep-2020 18:50:30 Instrument ID: CVOAMS13

Lims ID: 460-218658-B-7 Lab Sample ID: 460-218658-7

Client ID: MW-31

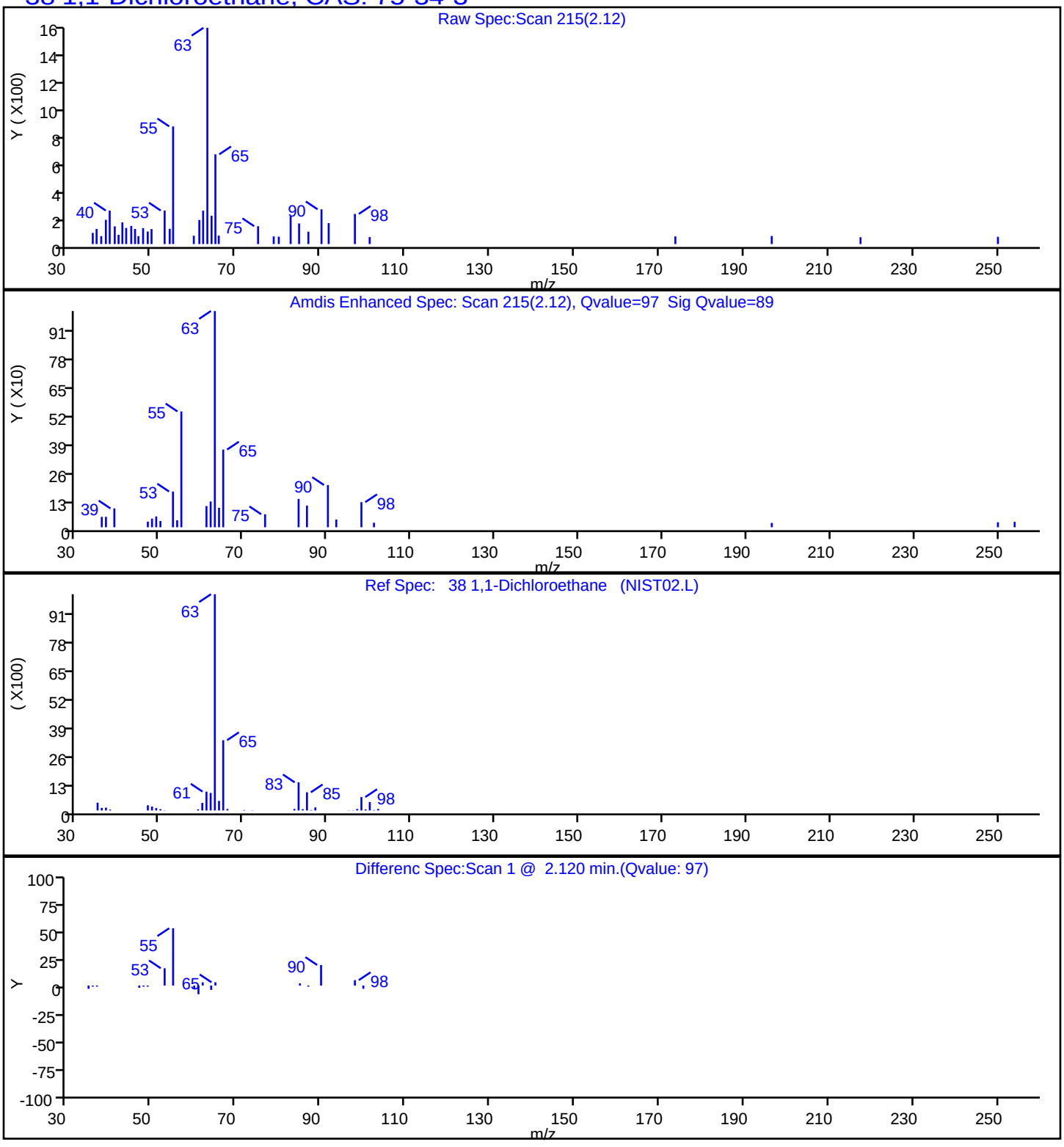
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

38 1,1-Dichloroethane, CAS: 75-34-3

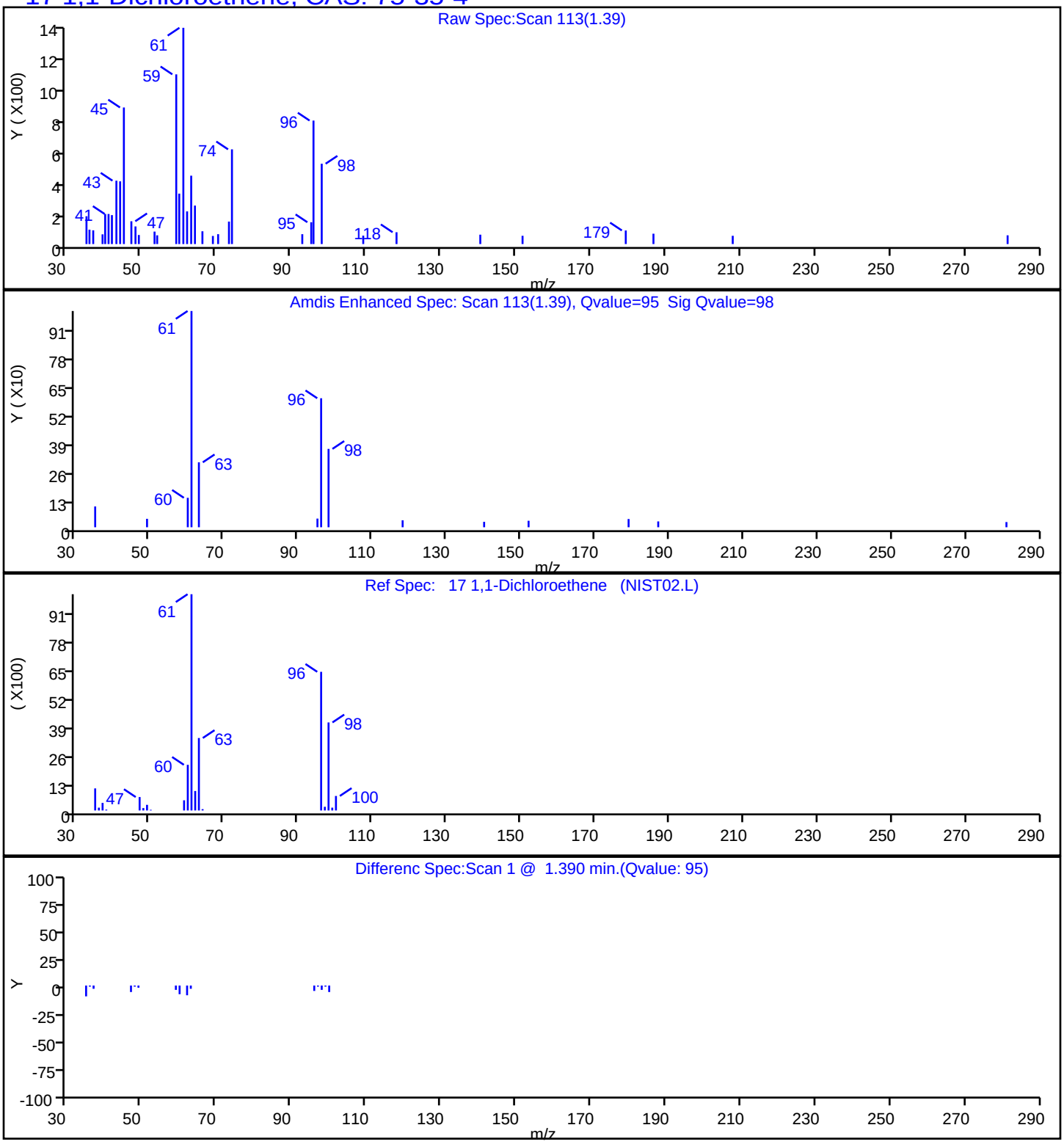


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

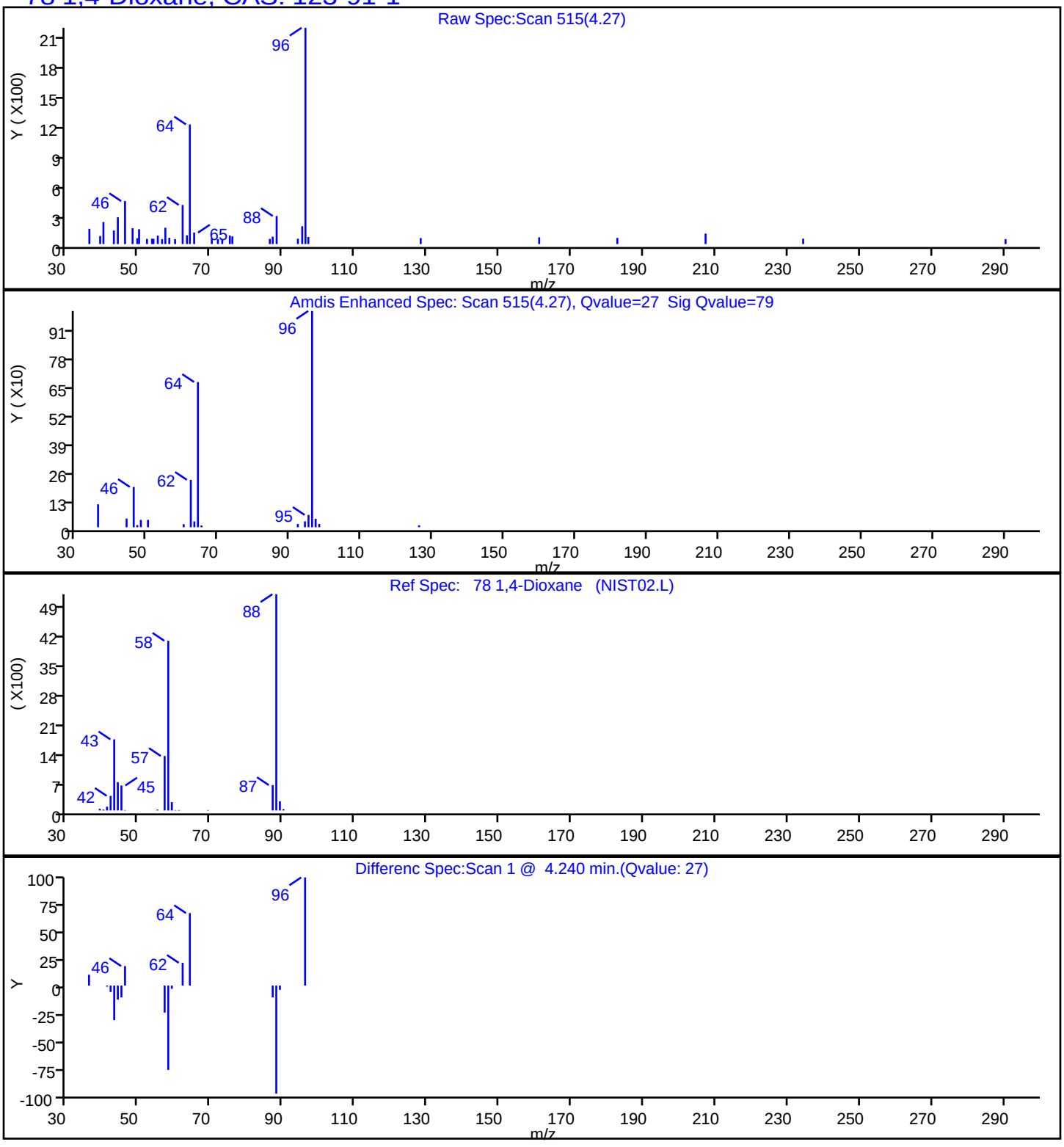
17 1,1-Dichloroethene, CAS: 75-35-4



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D				
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

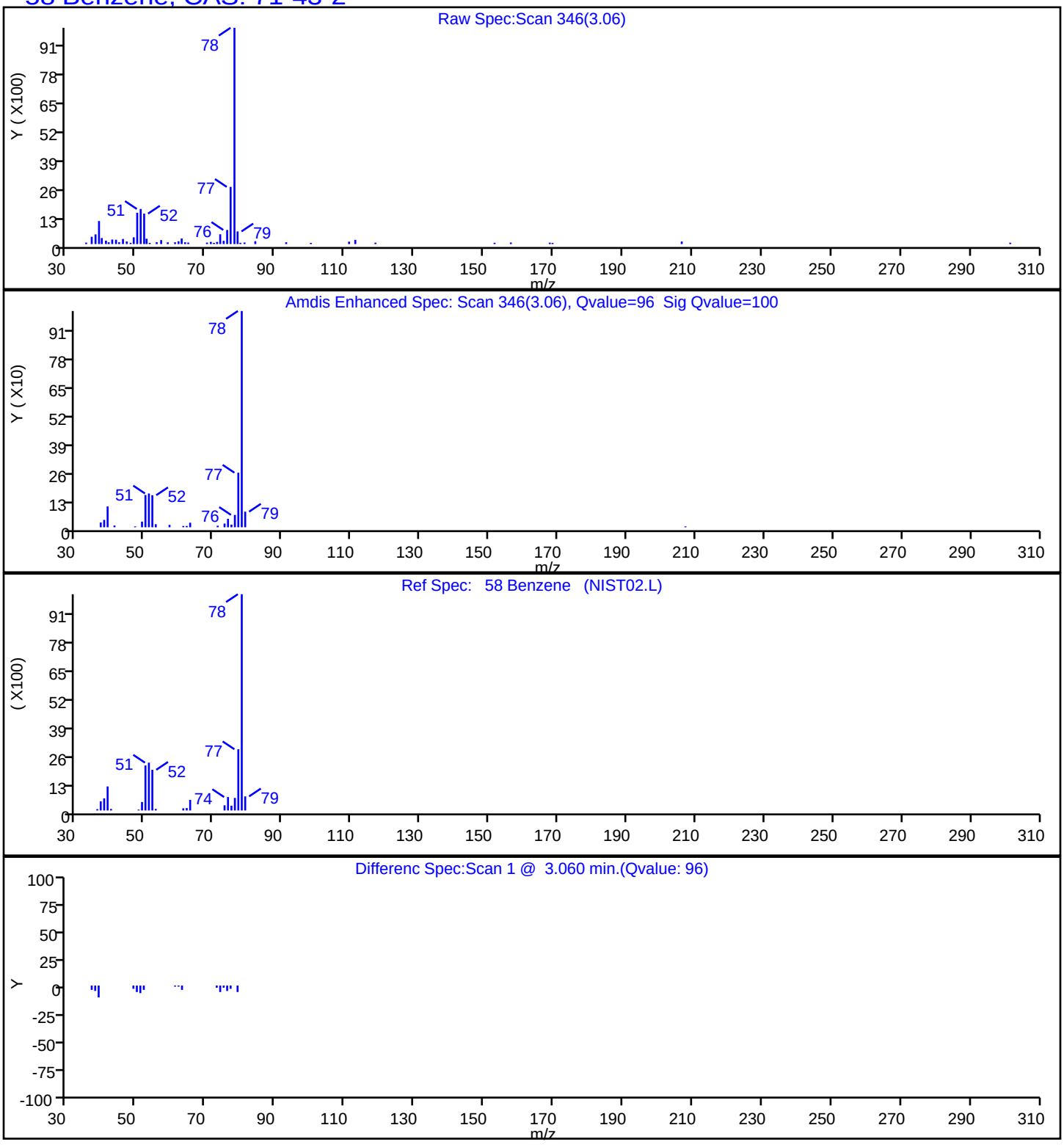
78 1,4-Dioxane, CAS: 123-91-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

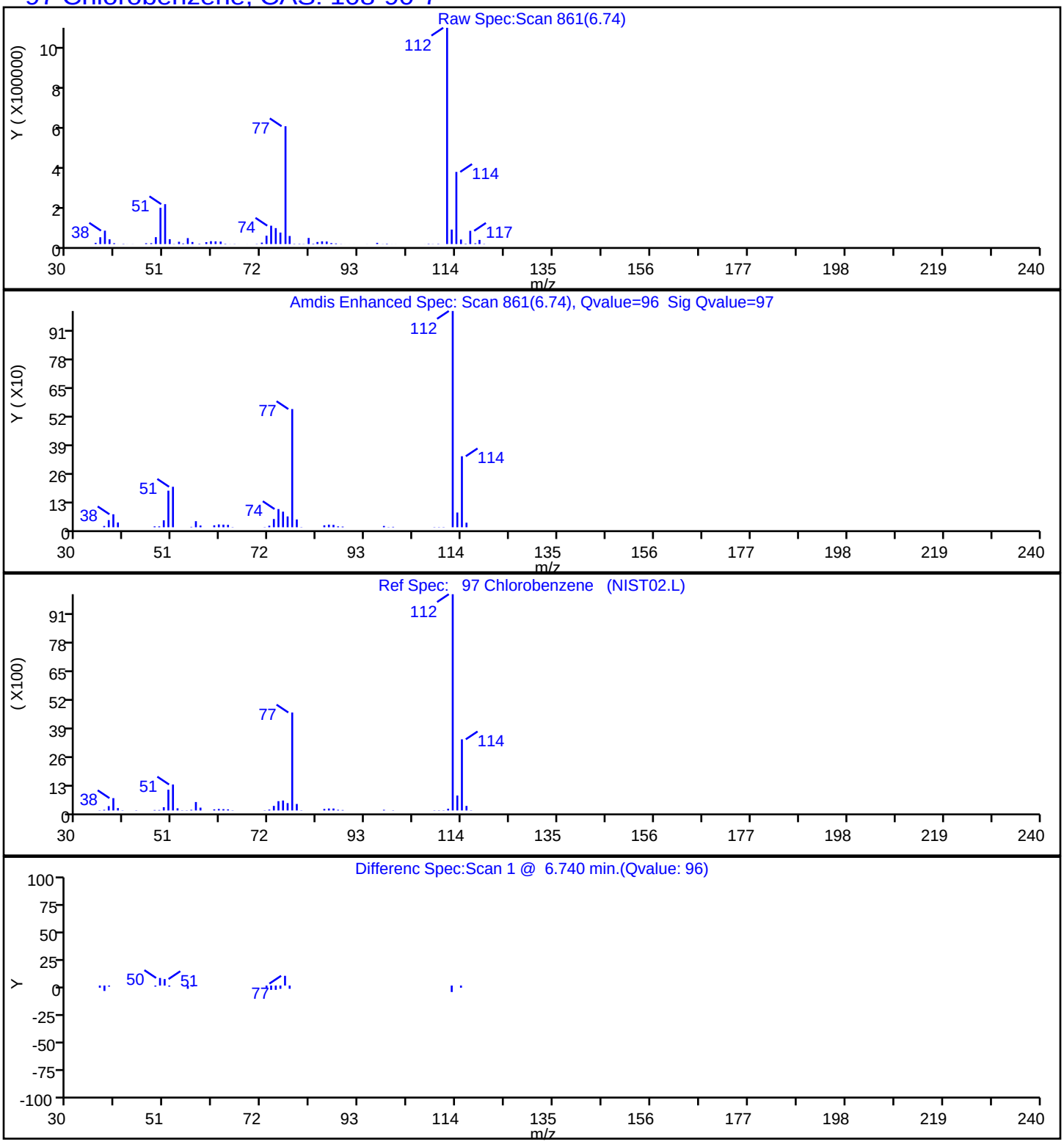
58 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

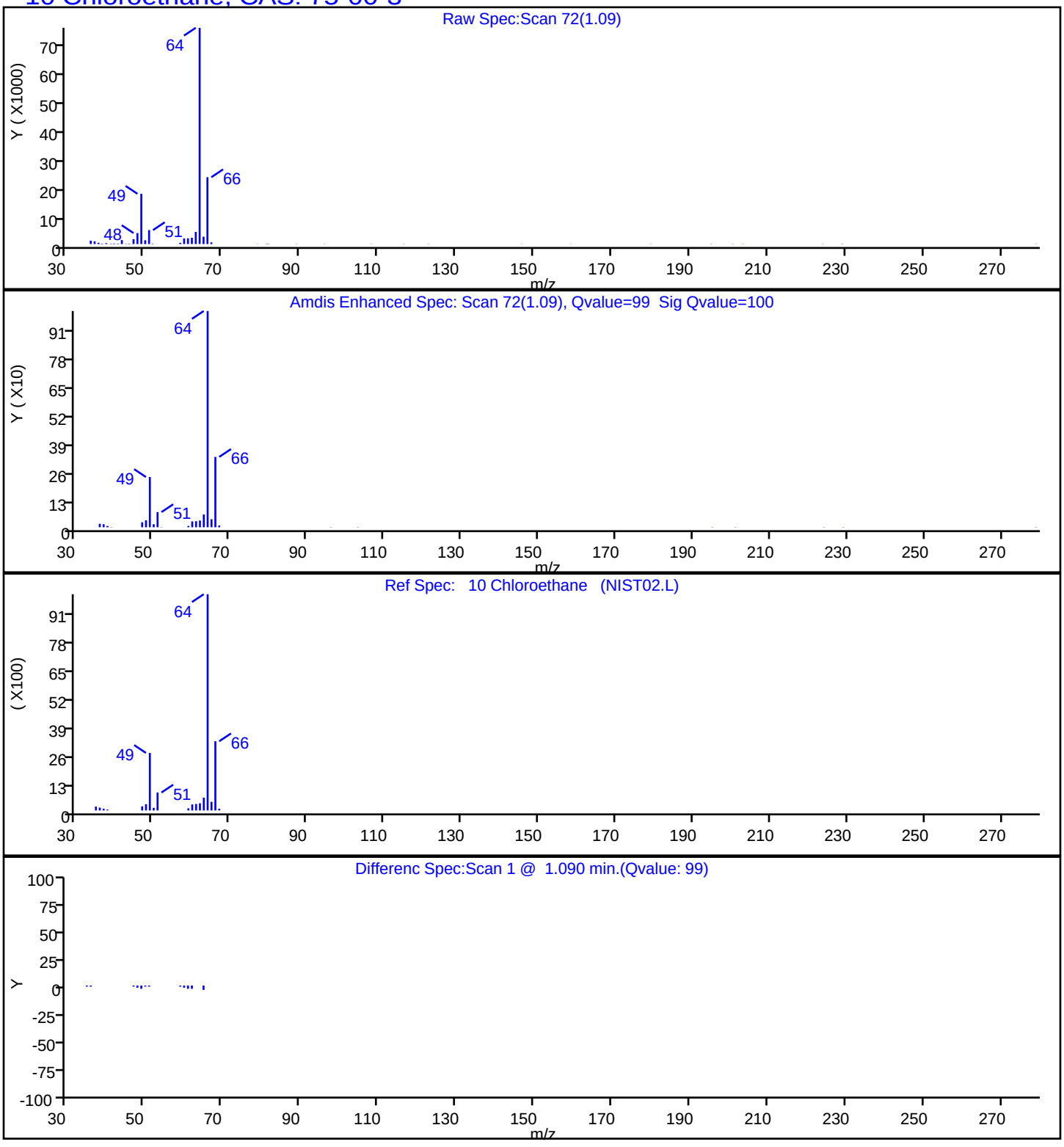
97 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D				
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

10 Chloroethane, CAS: 75-00-3



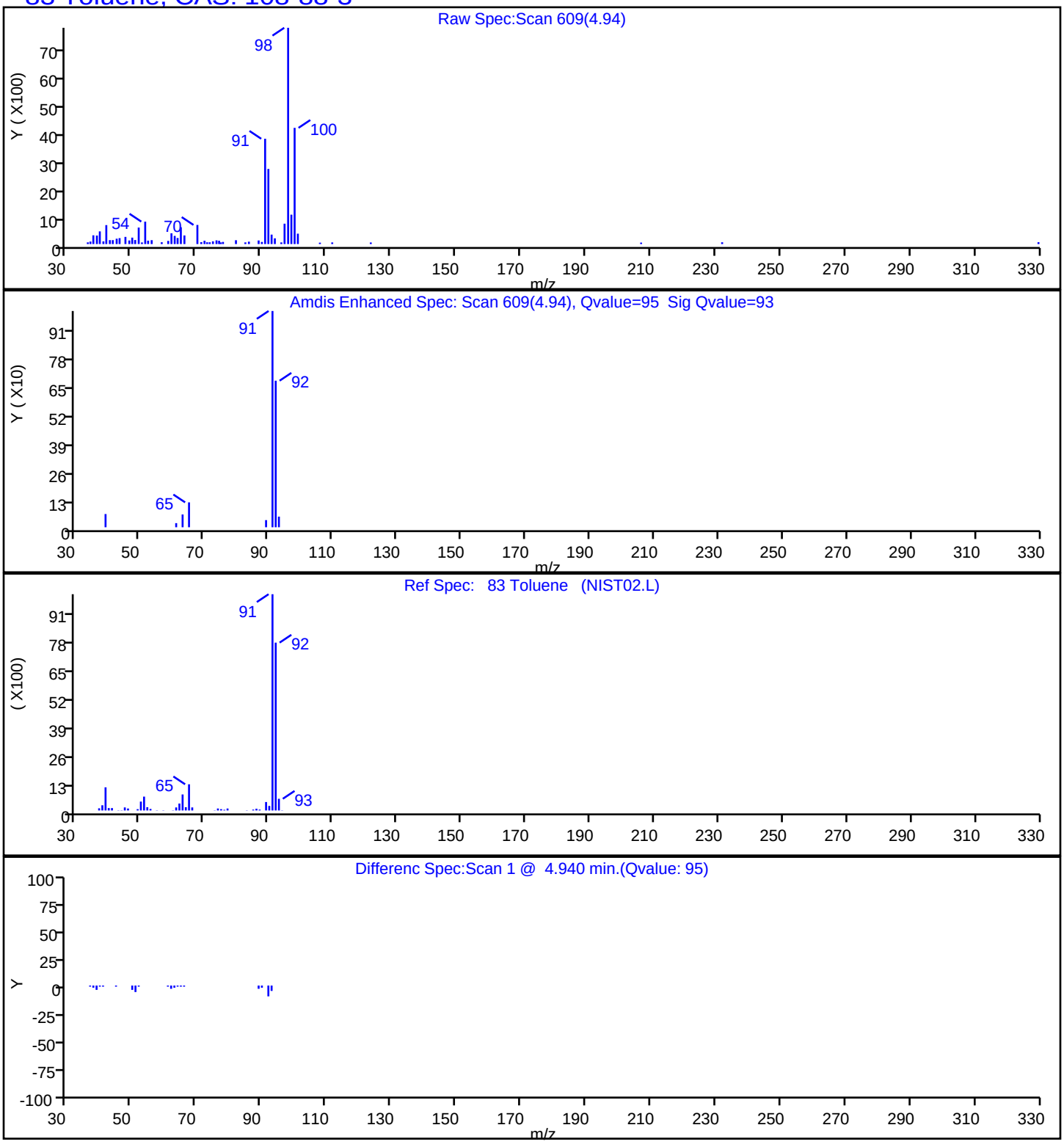
Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

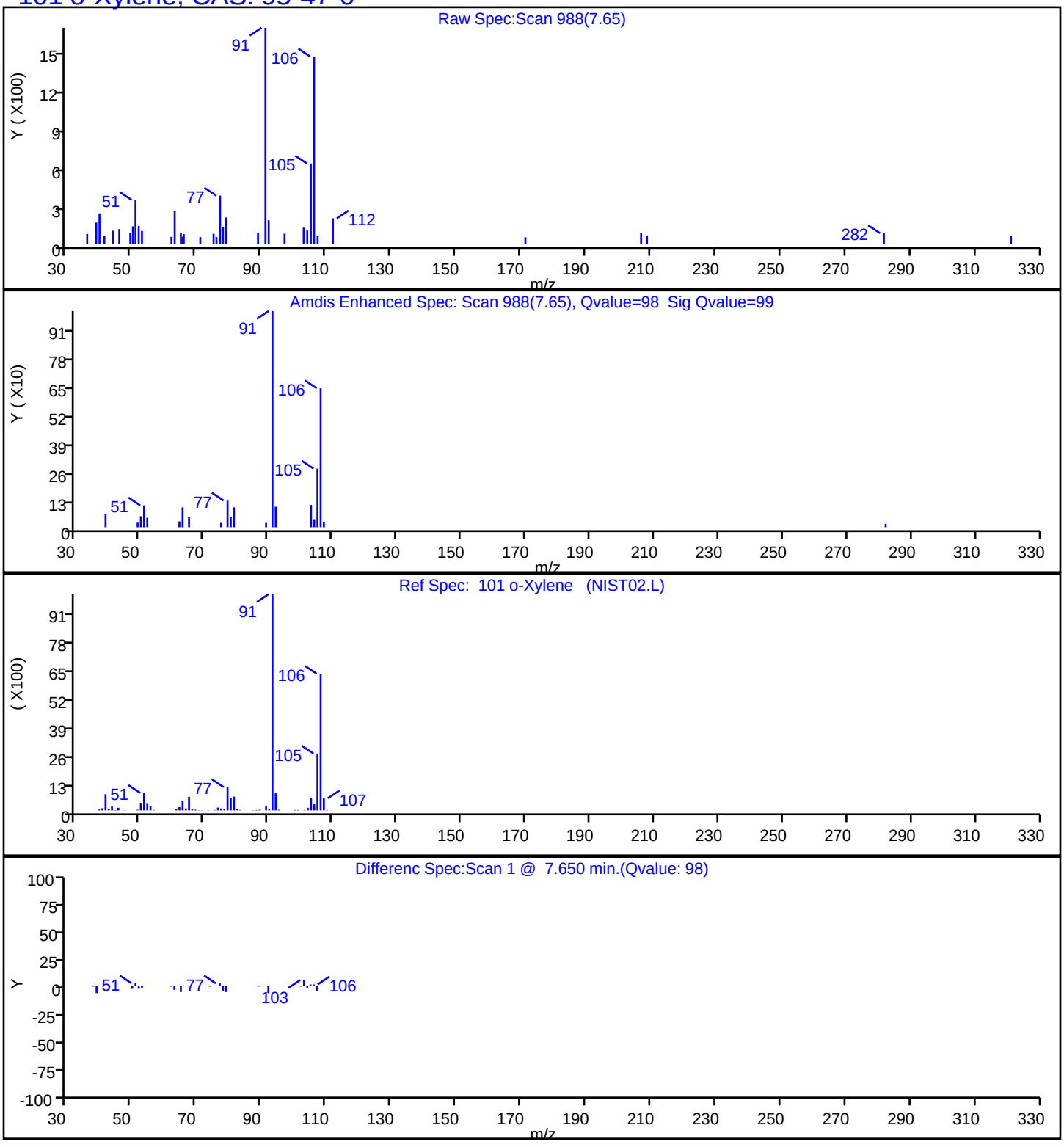
83 Toluene, CAS: 108-88-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

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



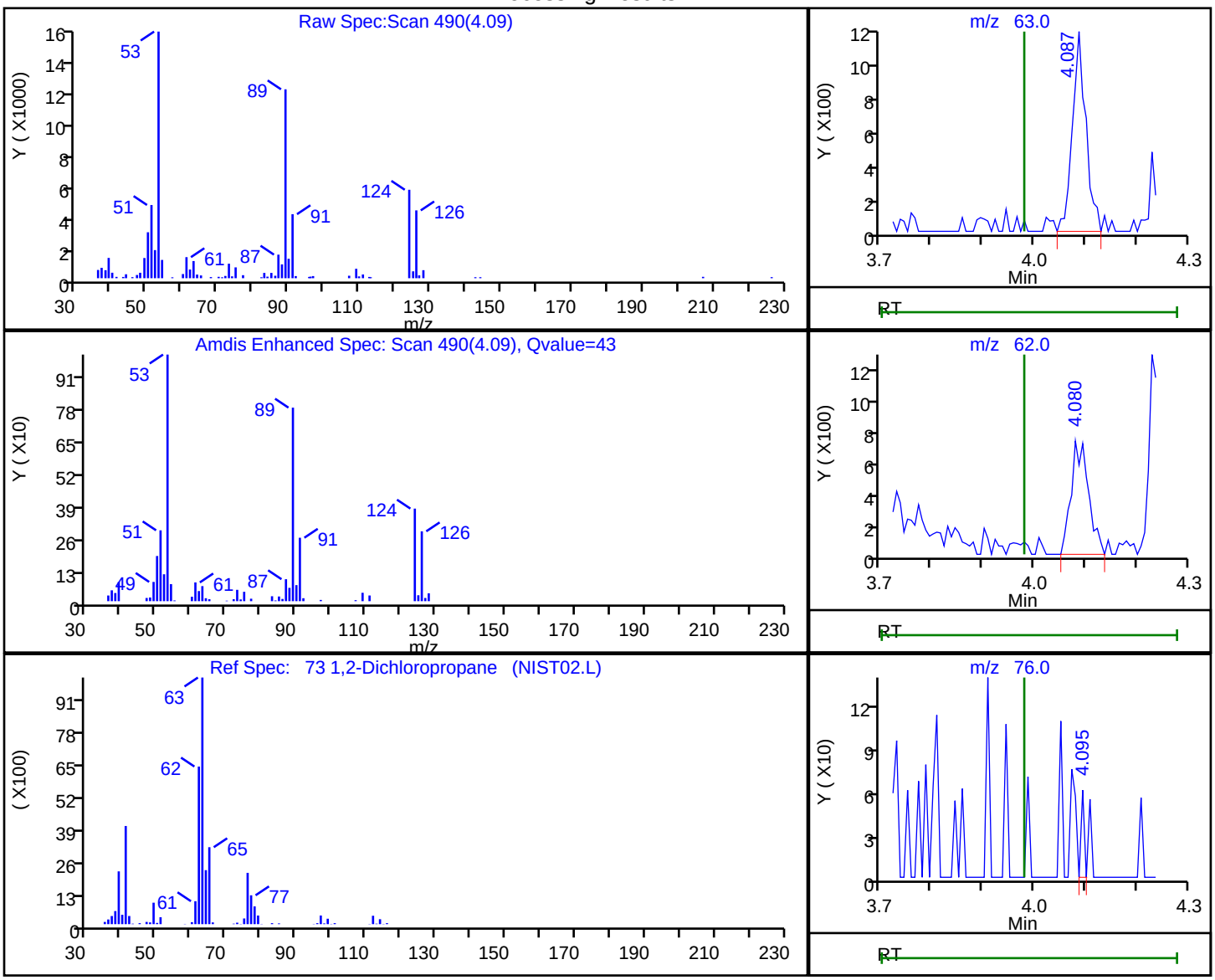
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

73 1,2-Dichloropropane, CAS: 78-87-5

Processing Results



RT	Mass	Response	Amount
4.09	63.00	2037	0.607471
4.08	62.00	1695	
4.09	76.00	25	
4.08	112.00	41	

Reviewer: boykink, 25-Sep-2020 18:58:54

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

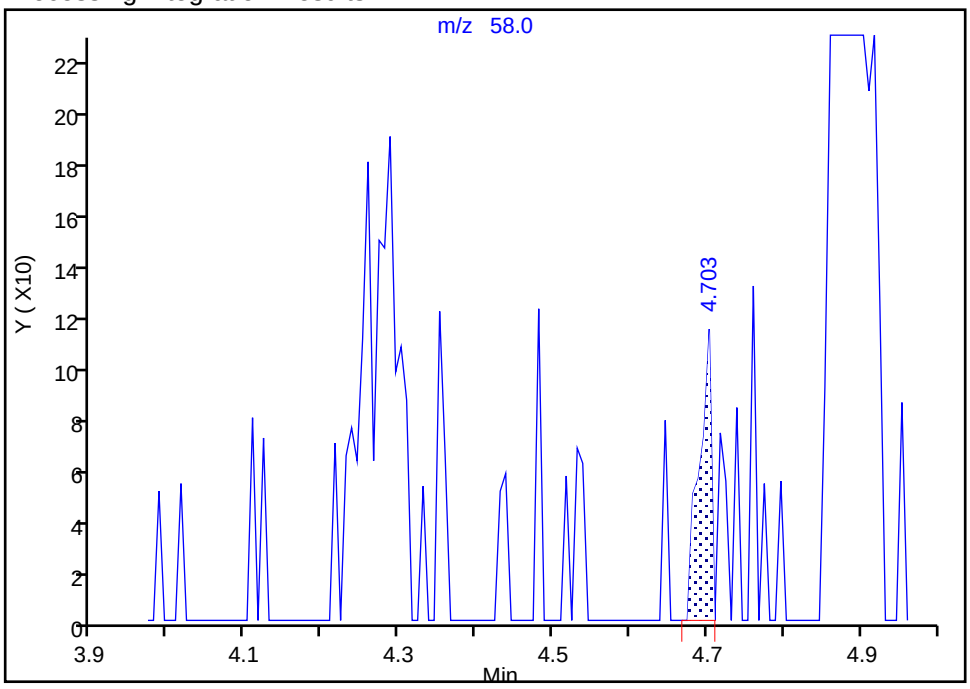
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 2

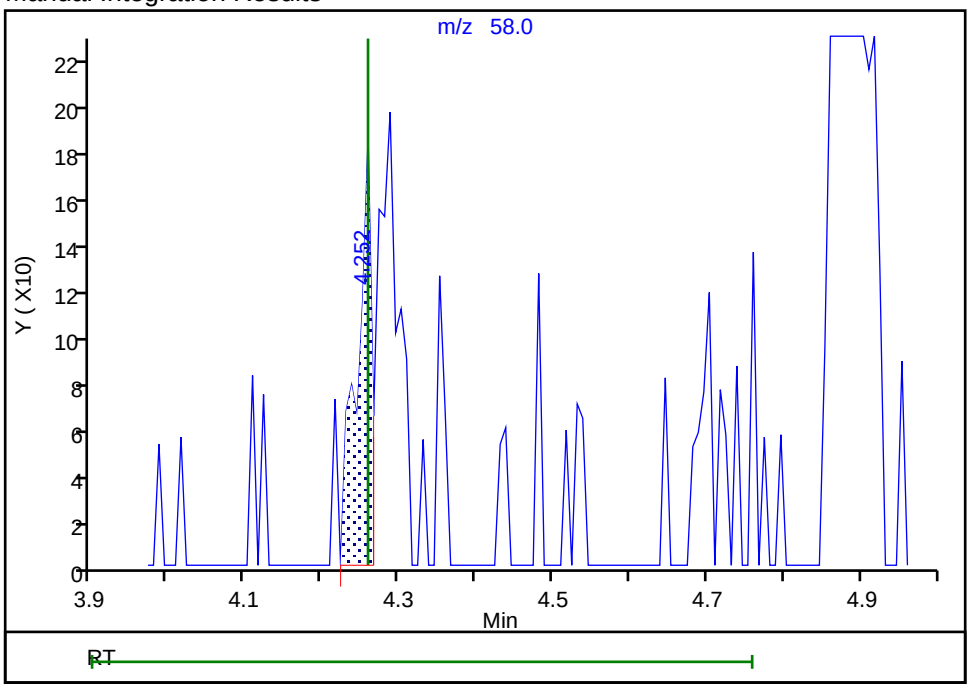
Processing Integration Results

RT: 4.70
Area: 126
Amount: 84.801930
Amount Units: ug/l



Manual Integration Results

RT: 4.25
Area: 240
Amount: 40.080995
Amount Units: ug/l



Reviewer: boykink, 25-Sep-2020 18:58:57
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

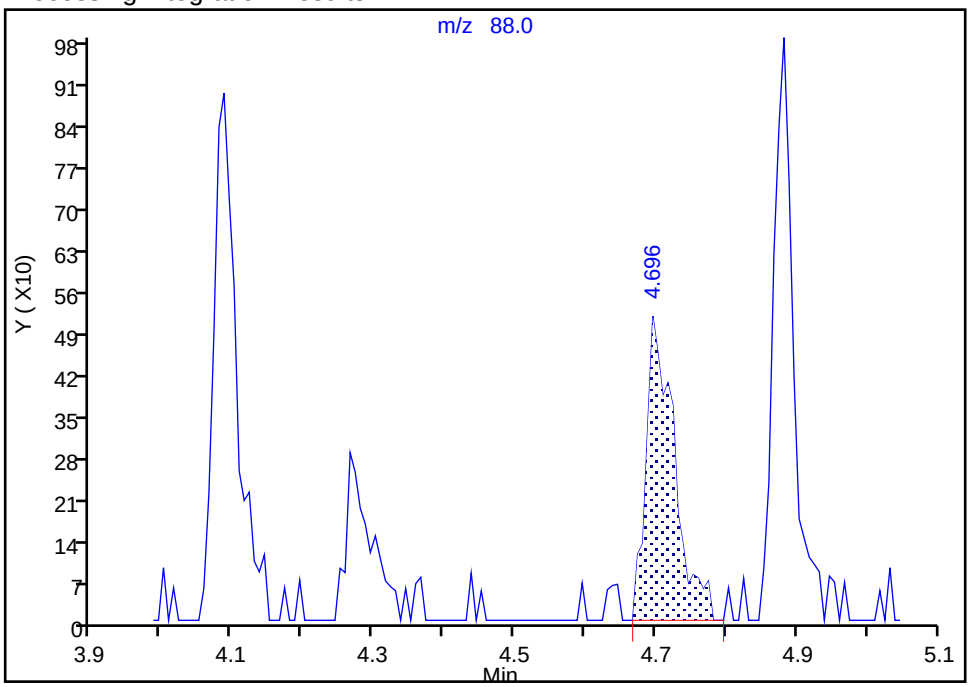
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

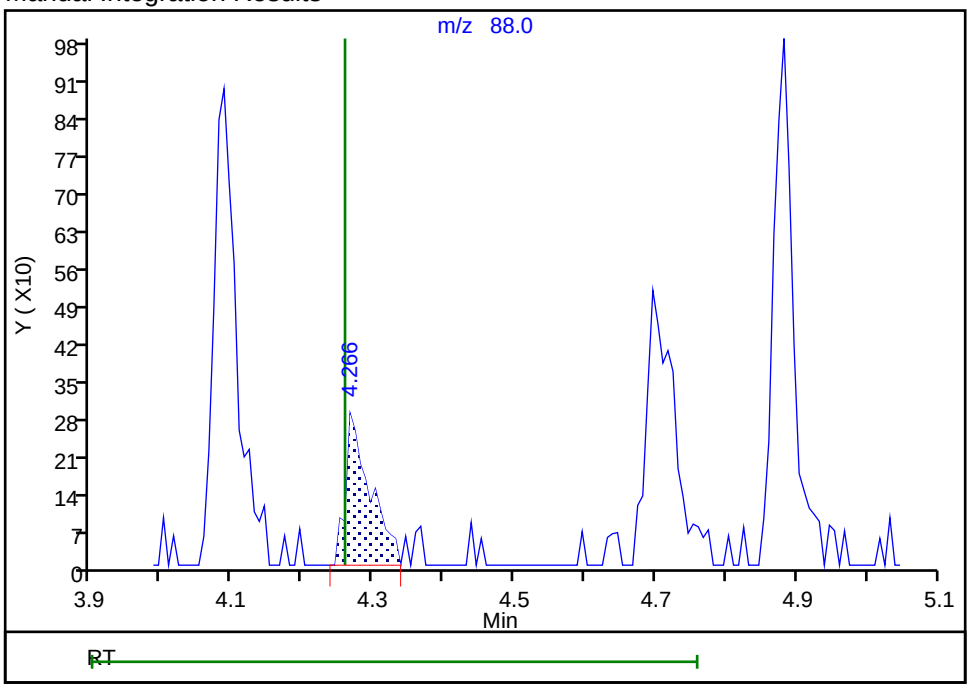
Processing Integration Results

RT: 4.70
Area: 1427
Amount: 84.801930
Amount Units: ug/l



Manual Integration Results

RT: 4.27
Area: 685
Amount: 40.080995
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:59:03
Audit Action: Assigned Compound ID Audit Reason: Baseline

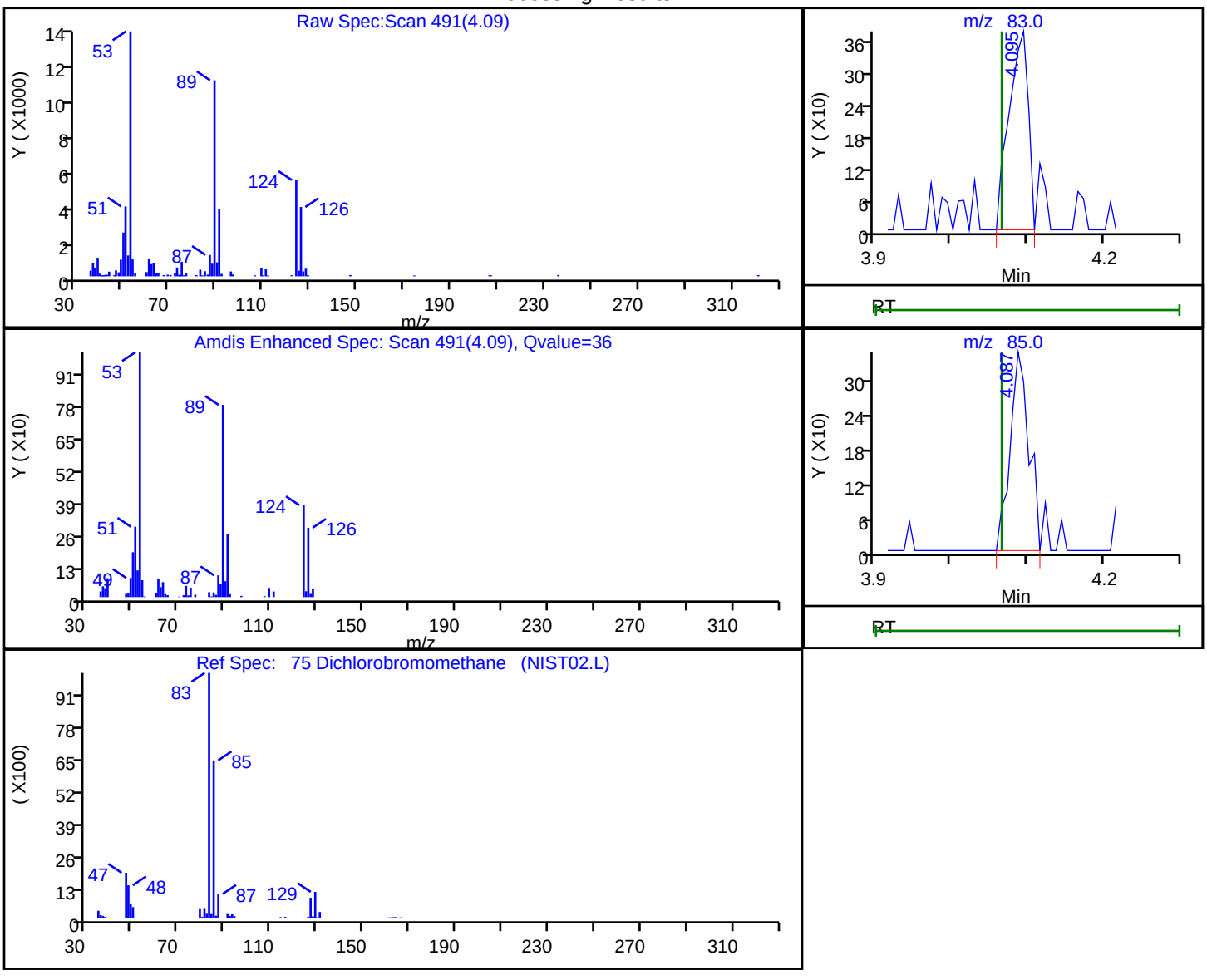
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

75 Dichlorobromomethane, CAS: 75-27-4

Processing Results



RT	Mass	Response	Amount
4.09	83.00	667	0.181330
4.09	85.00	587	

Reviewer: boykink, 25-Sep-2020 18:58:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

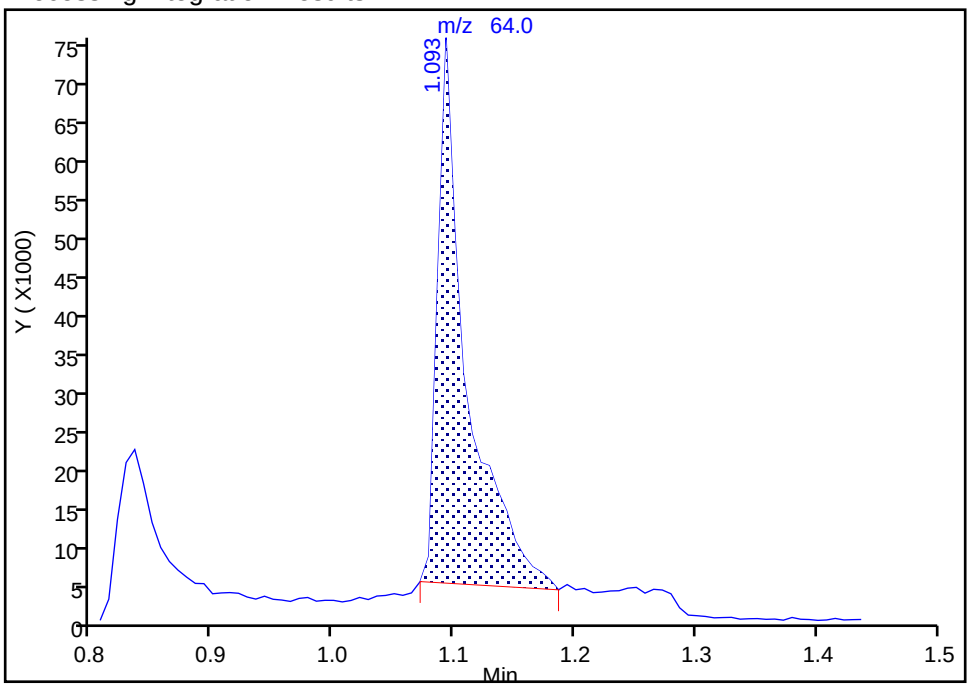
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

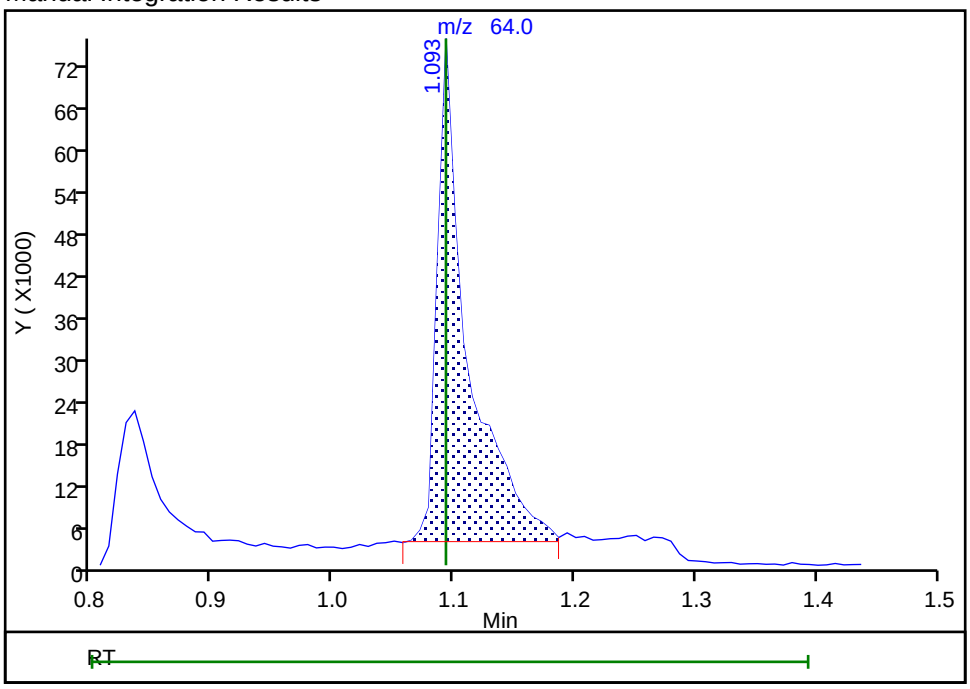
Processing Integration Results

RT: 1.09
Area: 118041
Amount: 51.942872
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 126129
Amount: 55.501923
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:58:44

Audit Action: Manually Integrated Audit Reason: Baseline

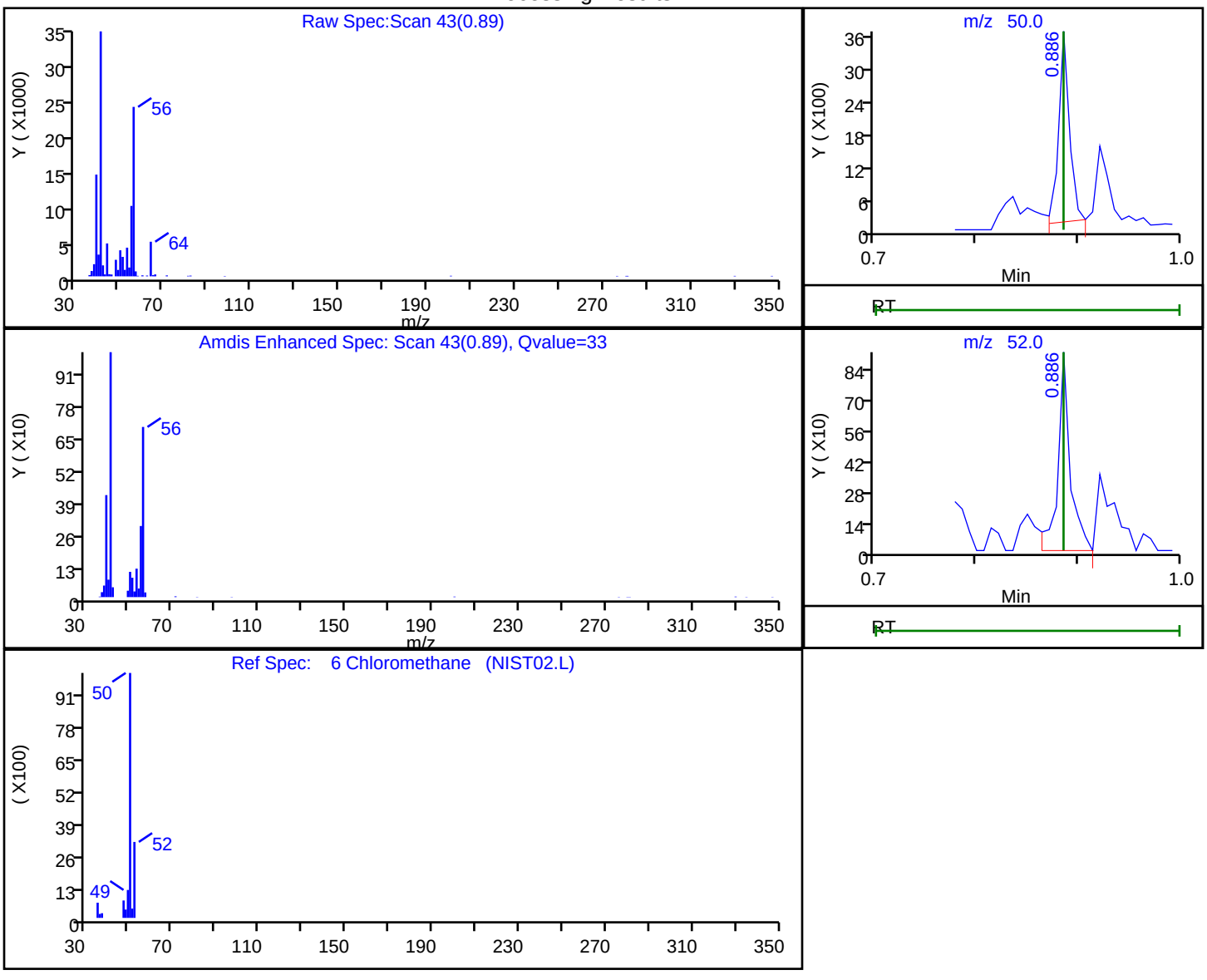
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.89	50.00	2612	0.447419
0.89	52.00	771	

Reviewer: boykink, 25-Sep-2020 18:58:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

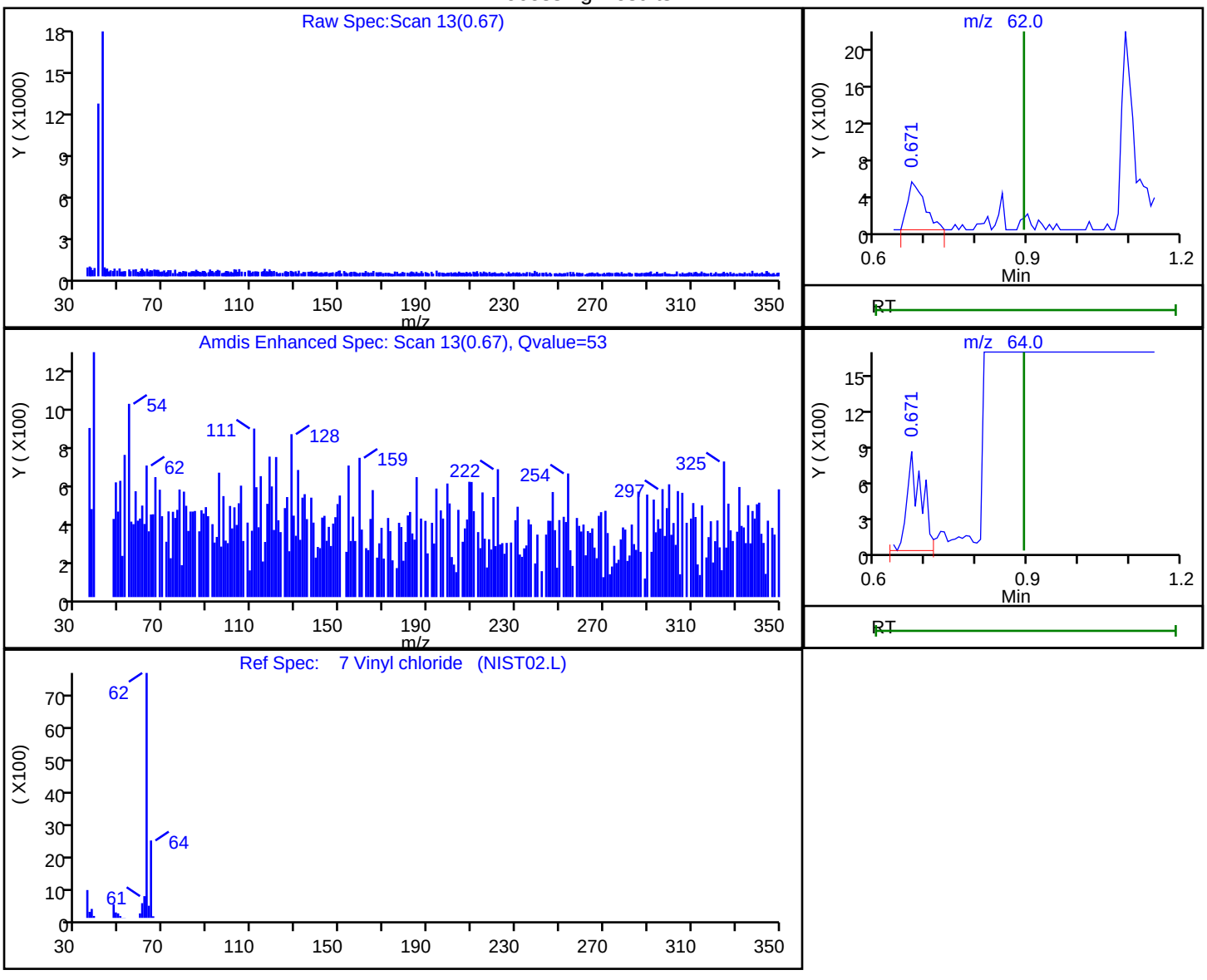
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.67	62.00	1232	0.288032
0.67	64.00	1694	

Reviewer: boykink, 25-Sep-2020 18:58:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

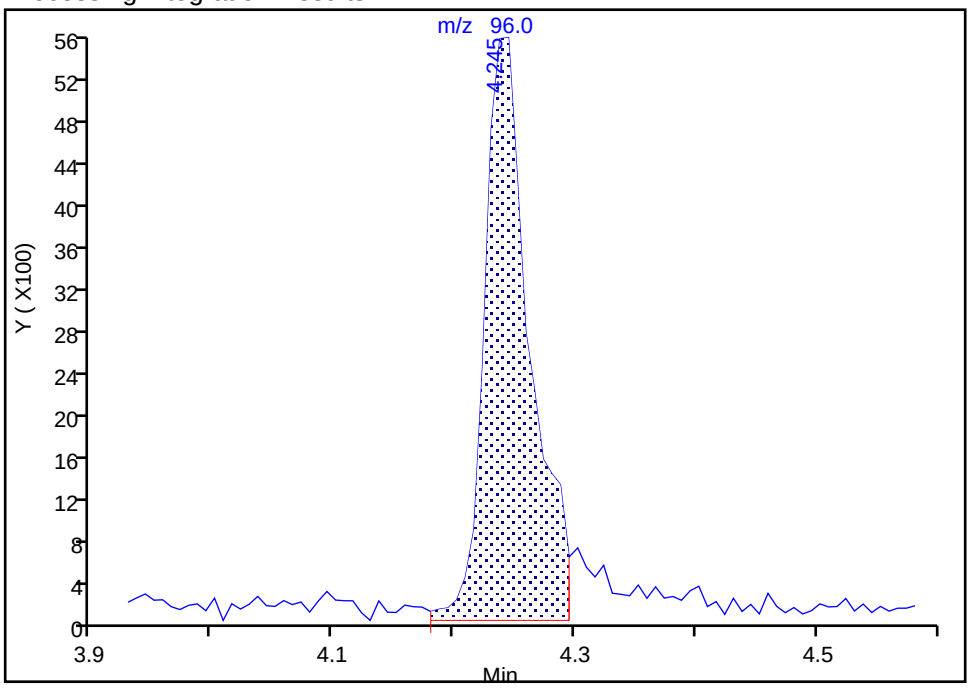
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D		
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7
Client ID:	MW-31		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

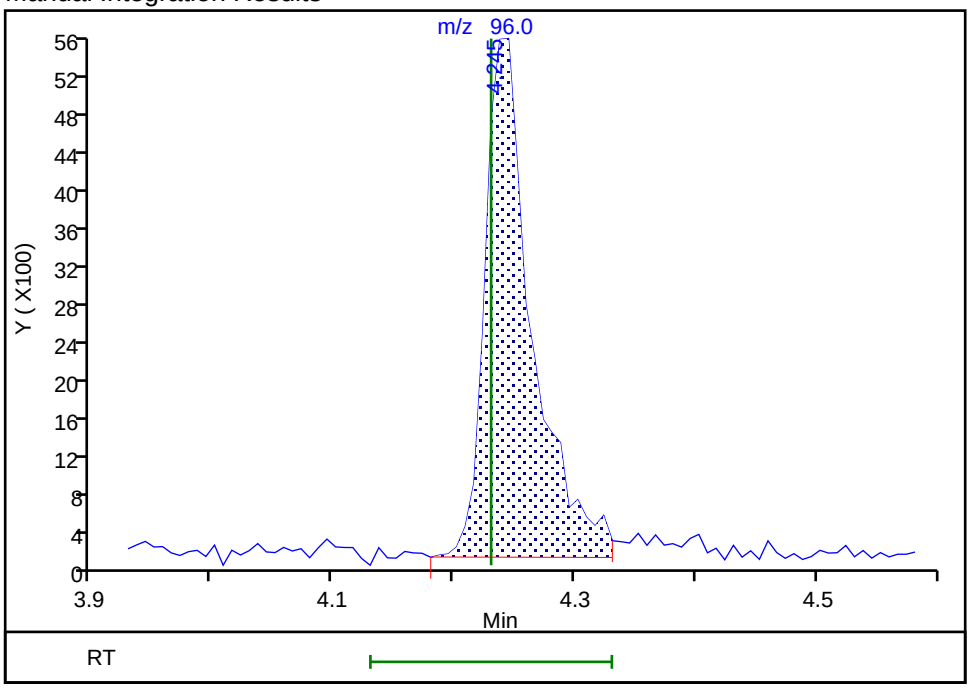
Processing Integration Results

RT: 4.24
Area: 14591
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 14819
Amount: 1000.0000
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:59:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

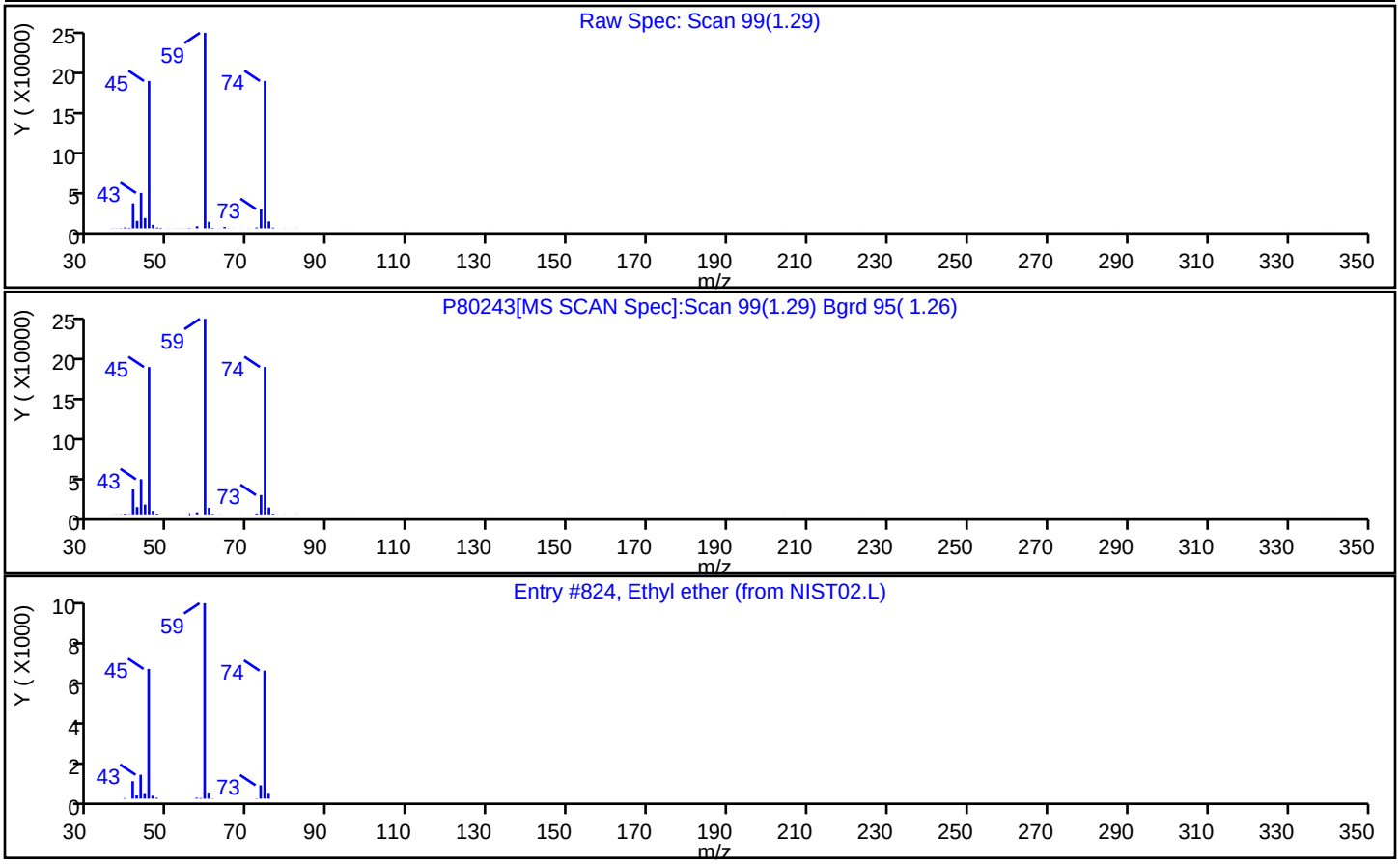
Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Ethyl ether	60-29-7	NIST02.L	824	C4H10O	74	91



Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date: 25-Sep-2020 18:50:30 Instrument ID: CVOAMS13

Lims ID: 460-218658-B-7 Lab Sample ID: 460-218658-7

Client ID: MW-31

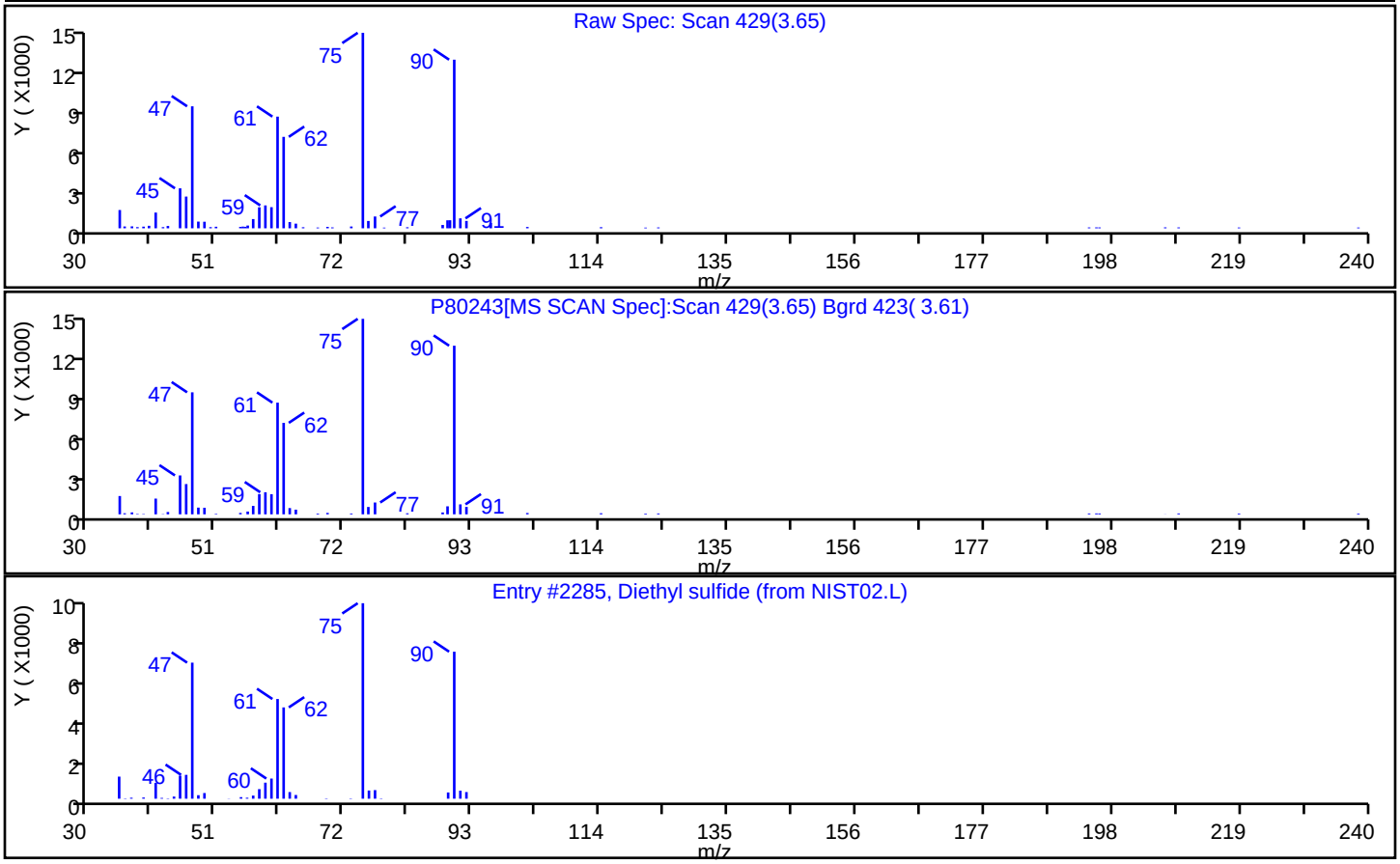
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Diethyl sulfide	352-93-2	NIST02.L	2285	C4H10S	90	97



Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date: 25-Sep-2020 18:50:30 Instrument ID: CVOAMS13

Lims ID: 460-218658-B-7 Lab Sample ID: 460-218658-7

Client ID: MW-31

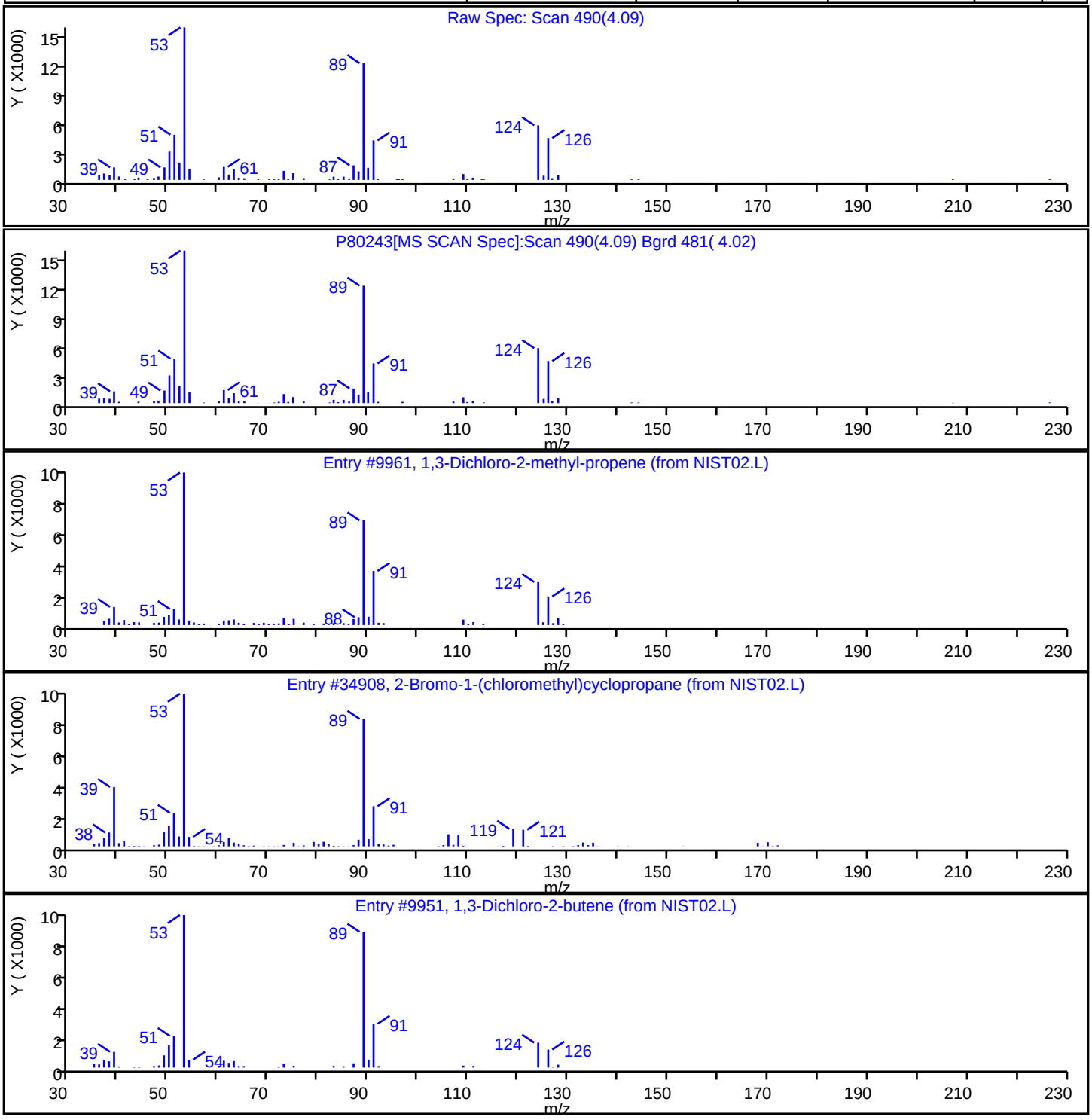
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,3-Dichloro-2-methyl-propene	1000194-02-2	NIST02.L	9961	C4H6Cl2	124	91
2-Bromo-1-(chloromethyl)cyclopropane	1000222-15-8	NIST02.L	34908	C4H6BrCl	168	78
1,3-Dichloro-2-butene	926-57-8	NIST02.L	9951	C4H6Cl2	124	78

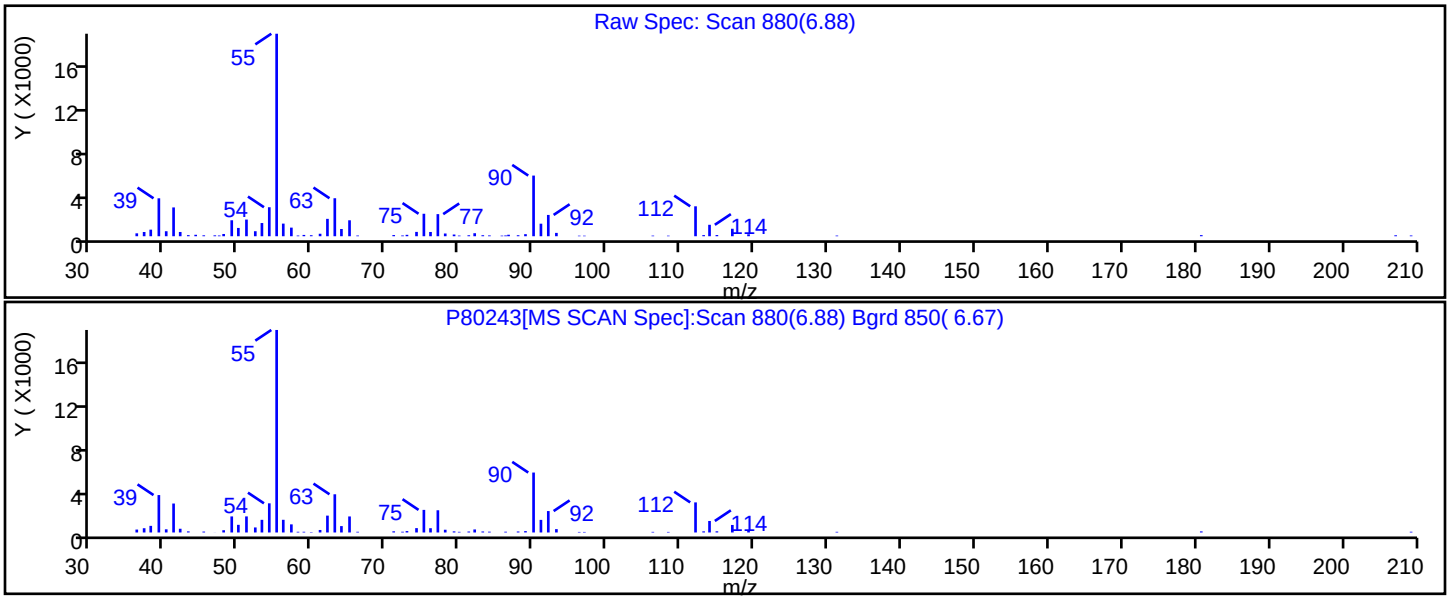


Report Date: 26-Sep-2020 14:59:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D				
Injection Date:	25-Sep-2020 18:50:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-7	Lab Sample ID:	460-218658-7		
Client ID:	MW-31				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 70



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80243.D

Injection Date: 25-Sep-2020 18:50:30 Instrument ID: CVOAMS13

Lims ID: 460-218658-B-7 Lab Sample ID: 460-218658-7

Client ID: MW-31

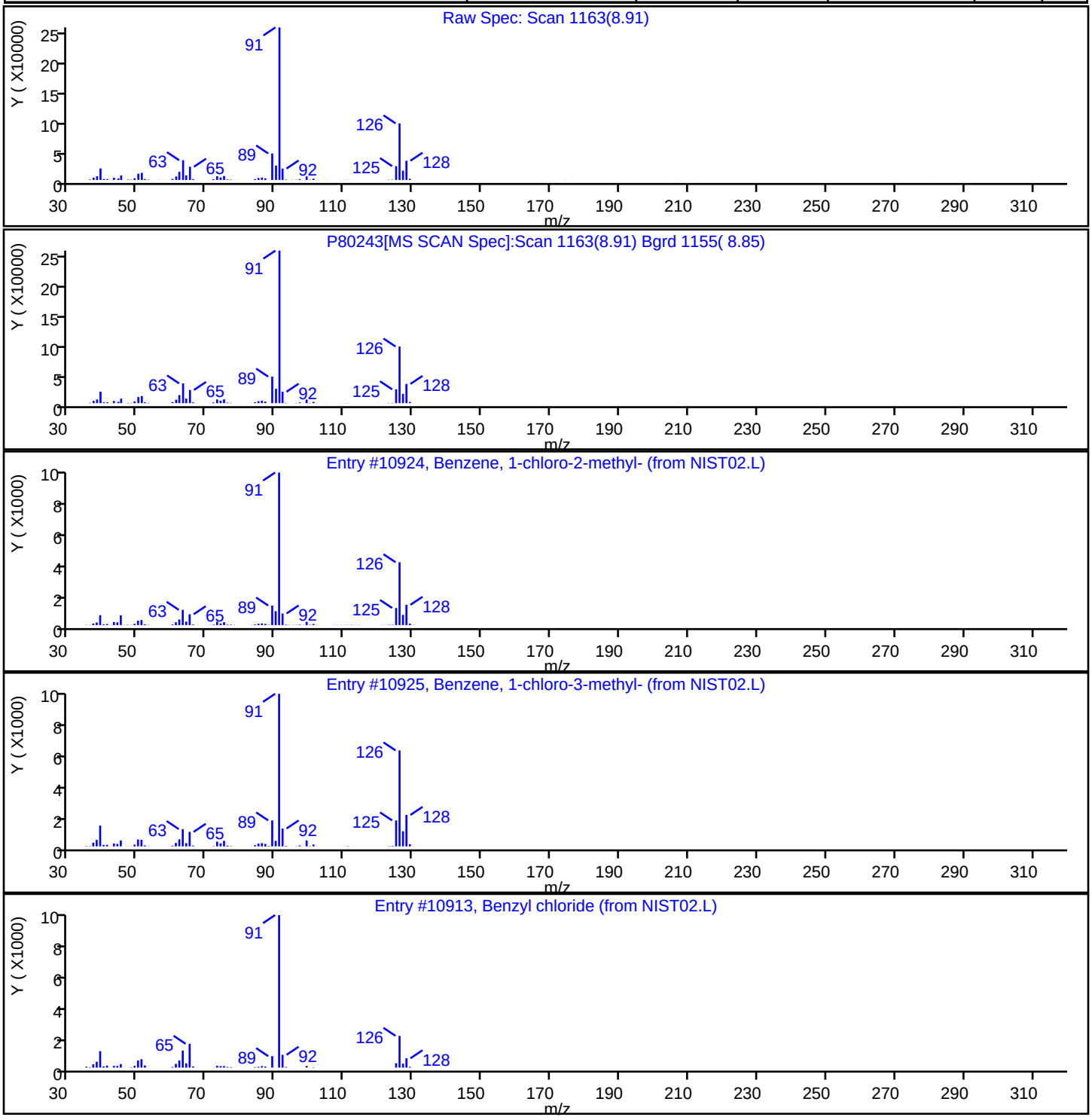
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Benzene, 1-chloro-2-methyl-	95-49-8	NIST02.L	10924	C7H7Cl	126	97
Benzene, 1-chloro-3-methyl-	108-41-8	NIST02.L	10925	C7H7Cl	126	93
Benzyl chloride	100-44-7	NIST02.L	10913	C7H7Cl	126	83



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-71 Lab Sample ID: 460-218658-8

Matrix: Water Lab File ID: P80244.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:40

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	2.6		1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	1.2		1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U *1	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	78		1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.46	J	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-71 Lab Sample ID: 460-218658-8

Matrix: Water Lab File ID: P80244.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:40

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		75-123
460-00-4	Bromofluorobenzene	91		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	91		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-71 Lab Sample ID: 460-218658-8

Matrix: Water Lab File ID: P80244.D

Analysis Method: 8260C Date Collected: 09/18/2020 12:40

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:14

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 1 TIC Result Total: 16

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
60-29-7	Ethyl ether	1.29	16	J N	90%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D				
Lims ID:	460-218658-B-8				
Client ID:	MW-71				
Sample Type:	Client				
Inject. Date:	25-Sep-2020 19:14:30	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-218658-B-8				
Misc. Info.:	460-0117333-026				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-Sep-2020 14:59:45	Calib Date:	04-Sep-2020 16:58:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1040				
First Level Reviewer: boykink		Date:	25-Sep-2020 18:59:35		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	99	123711	1000.0	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	99	15858	2.55	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	139872	50.0	
* 53 2-Butanone-d5	46	2.826	2.827	-0.001	99	146752	250.0	
58 Benzene	78	3.056	3.049	0.007	97	18978	1.24	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	132699	47.2	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	650109	50.0	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	63	14968	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	574663	45.4	
83 Toluene	91	4.940	4.933	0.008	89	7153	0.4598	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	490417	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	96	761554	78.2	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	96	181048	45.6	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	257261	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D				
Lims ID:	460-218658-B-8				
Client ID:	MW-71				
Sample Type:	Client				
Inject. Date:	25-Sep-2020 19:14:30	ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-218658-B-8				
Misc. Info.:	460-0117333-026				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	26-Sep-2020 14:59:45	Calib Date:	04-Sep-2020 16:58:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	70				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1040				
First Level Reviewer: boykink		Date:	25-Sep-2020 18:59:35		

Tentative Identified Compound Results

RT	Area	Amount ug/l	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
60-29-7 Ethyl ether								
1.294	413471	16.0	66	90	824	C4H10O	74	

Quantitation Compounds

Compound	RT	Area	Amount ug/l
* 66 Fluorobenzene	3.385	1294286	50.0

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

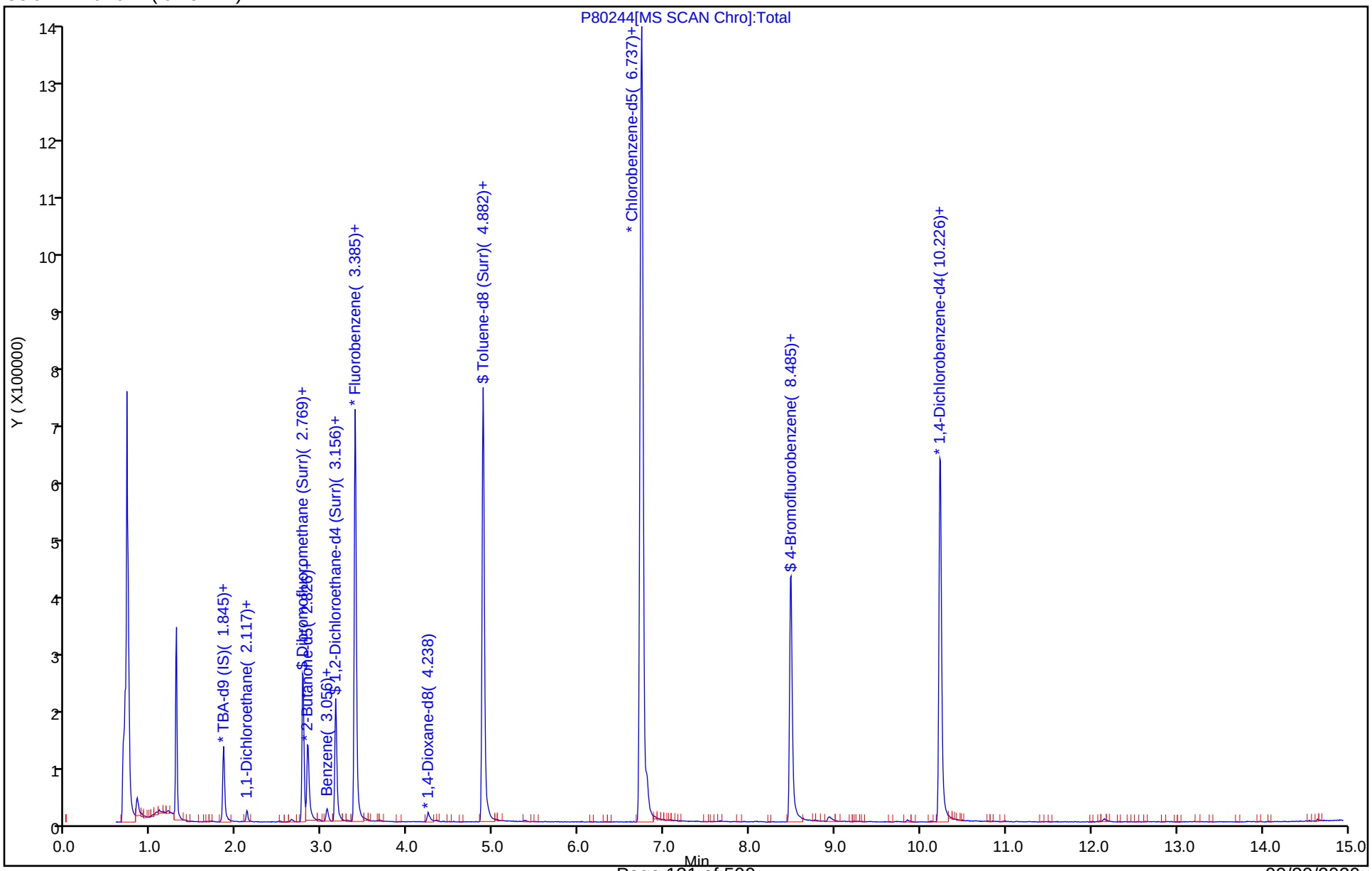
Report Date: 26-Sep-2020 15:00:21 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D

Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8	Worklist Smp#:	26
Client ID:	MW-71				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

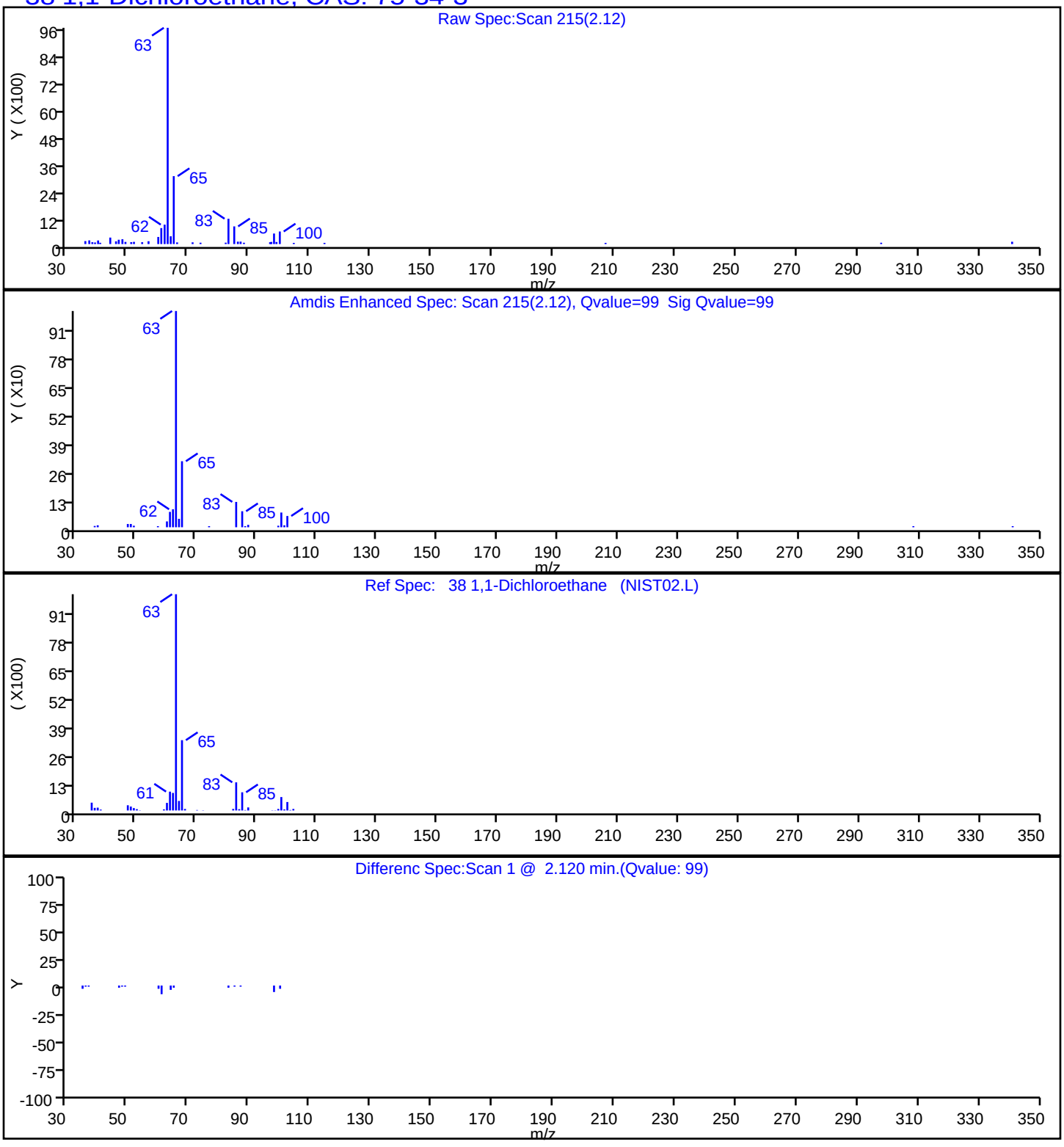
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D				
Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8		
Client ID:	MW-71				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

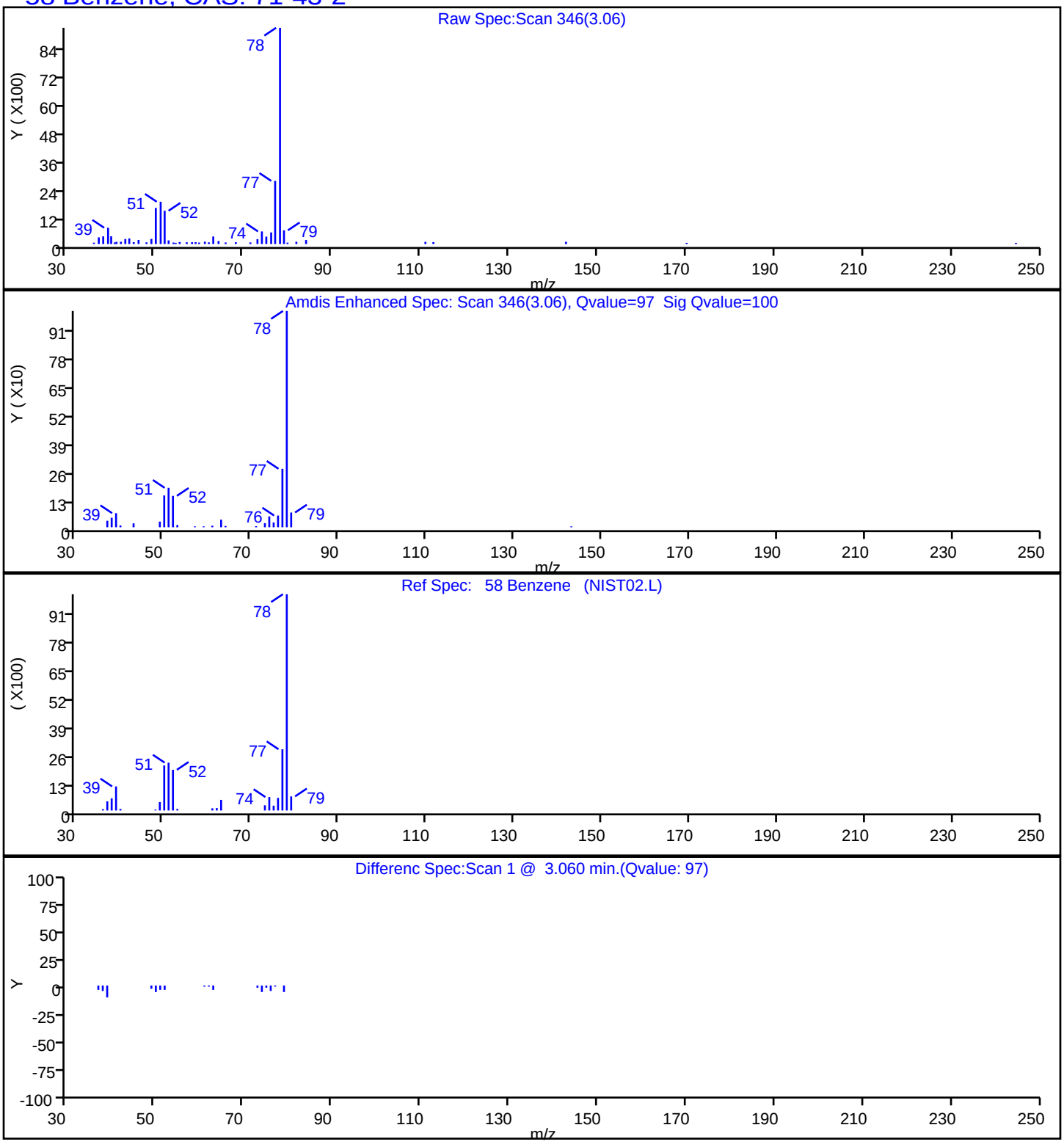
38 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D		
Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8
Client ID:	MW-71		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

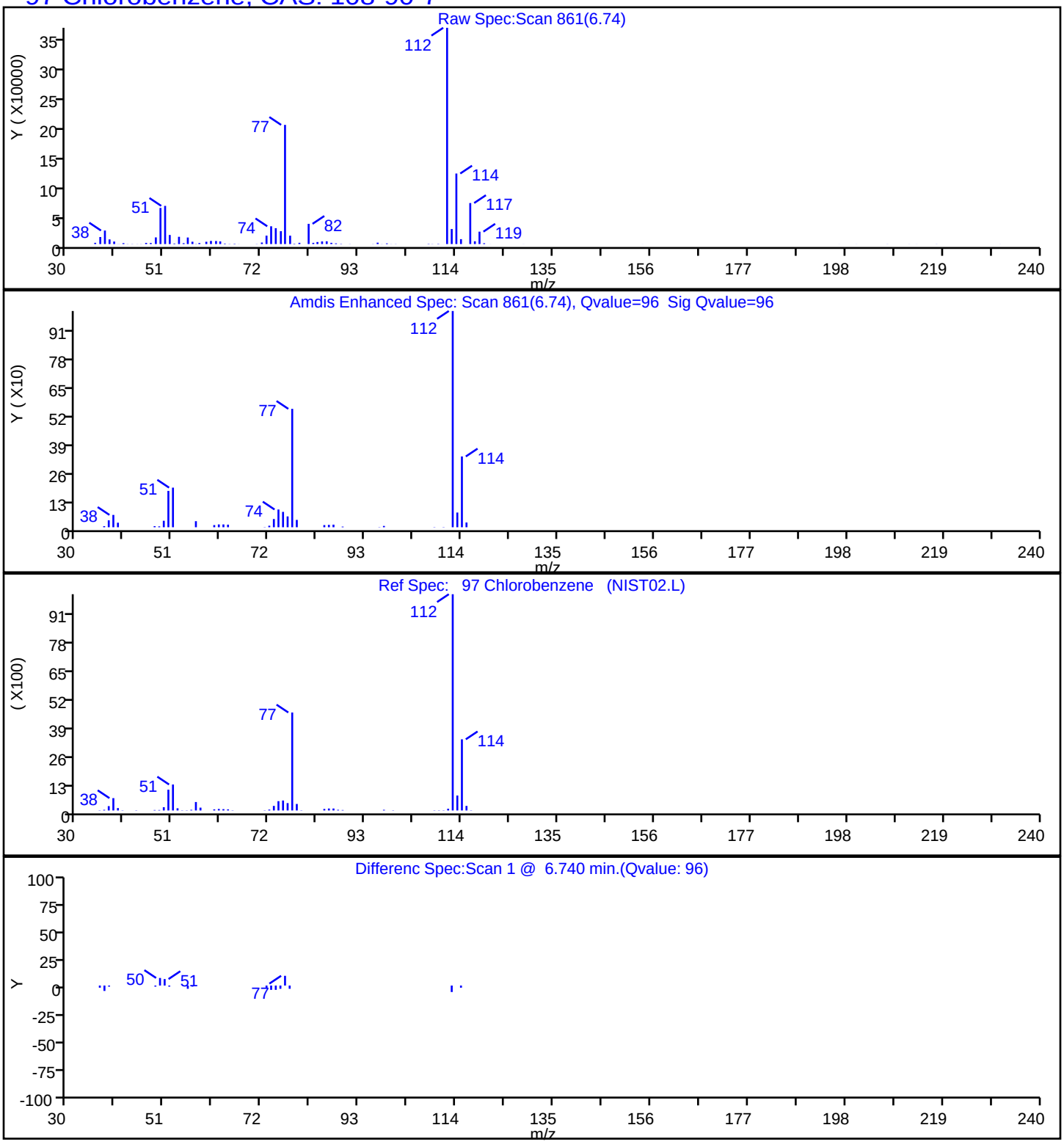
58 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D		
Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8
Client ID:	MW-71		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

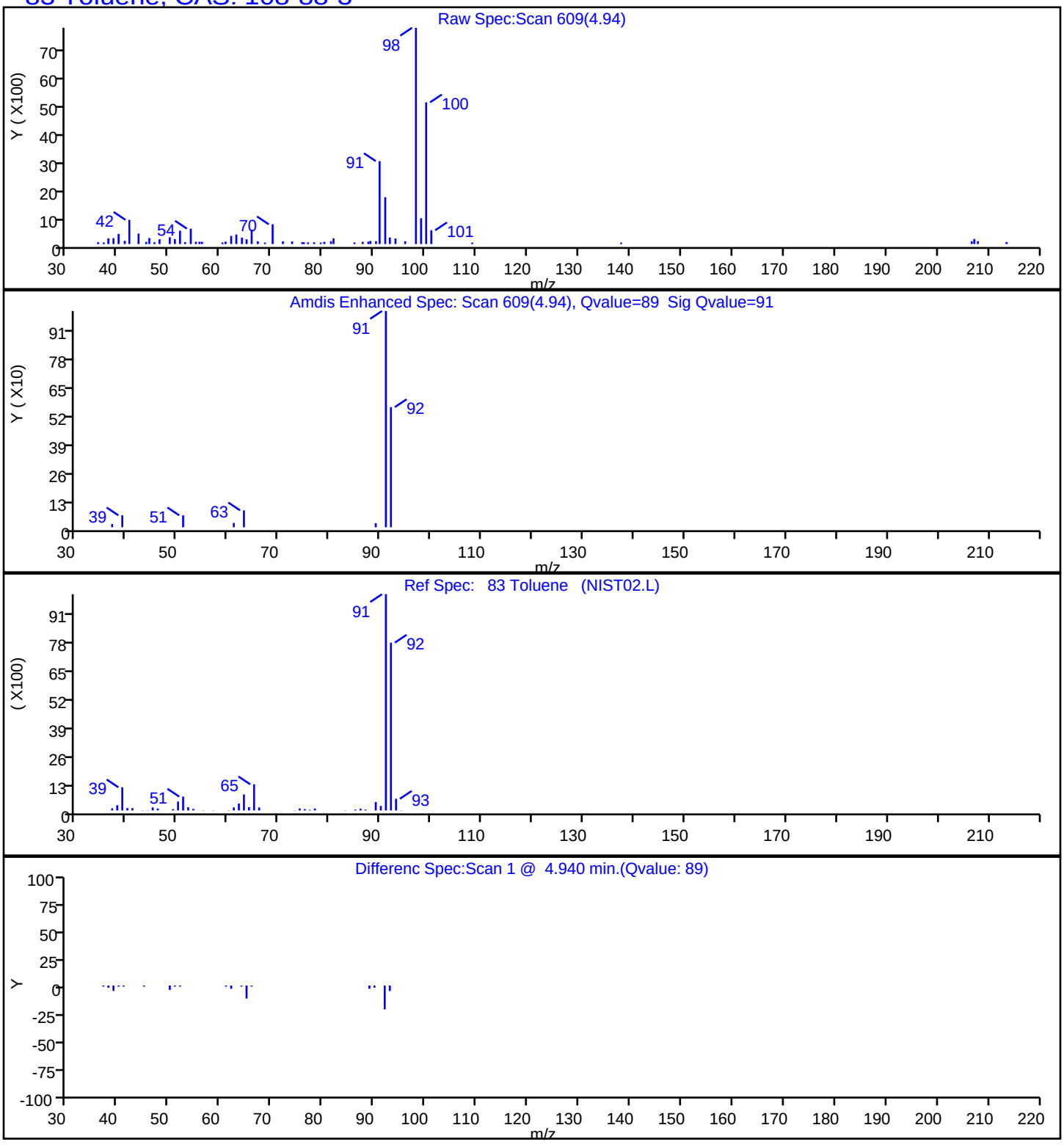
97 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D				
Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8		
Client ID:	MW-71				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

83 Toluene, CAS: 108-88-3



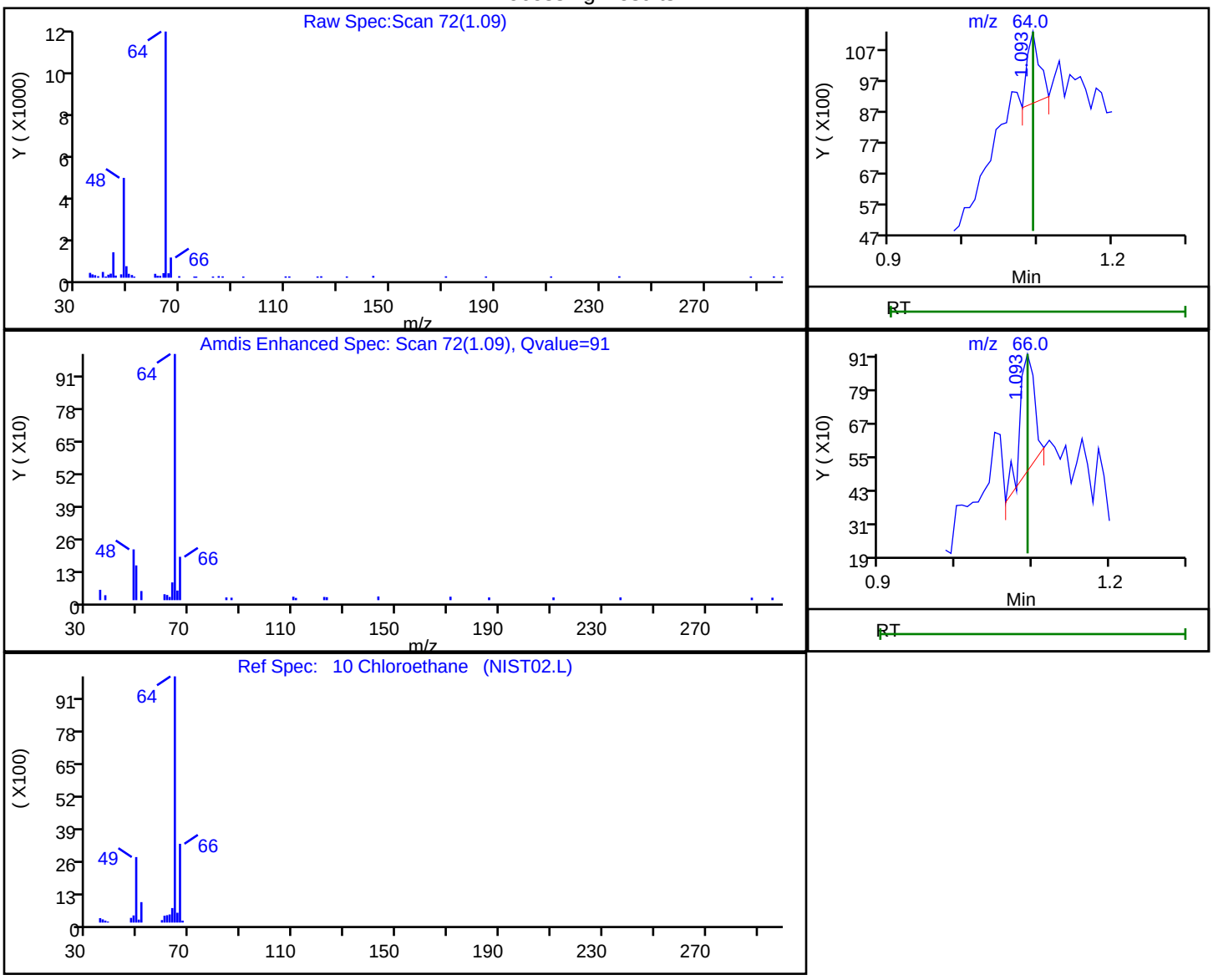
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D		
Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8
Client ID:	MW-71		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.09	64.00	2602	1.092516
1.09	66.00	555	

Reviewer: boykink, 25-Sep-2020 18:59:27

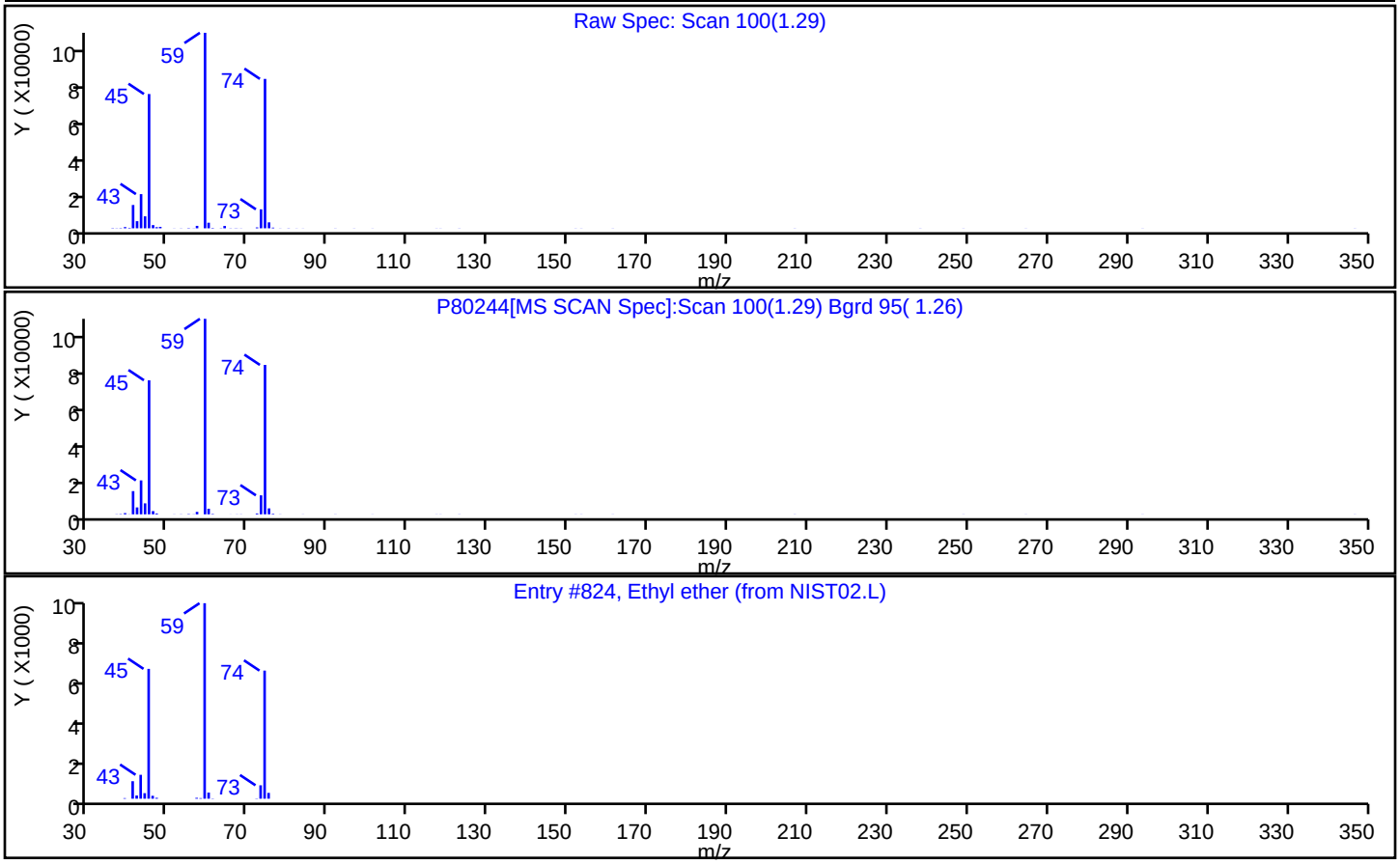
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80244.D

Injection Date:	25-Sep-2020 19:14:30	Instrument ID:	CVOAMS13		
Lims ID:	460-218658-B-8	Lab Sample ID:	460-218658-8		
Client ID:	MW-71				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Ethyl ether	60-29-7	NIST02.L	824	C4H10O	74	90



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-54 Lab Sample ID: 460-218658-9

Matrix: Water Lab File ID: P80245.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:37

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U *1	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	9.3		1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-54 Lab Sample ID: 460-218658-9

Matrix: Water Lab File ID: P80245.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:37

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		75-123
460-00-4	Bromofluorobenzene	94		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: MW-54 Lab Sample ID: 460-218658-9

Matrix: Water Lab File ID: P80245.D

Analysis Method: 8260C Date Collected: 09/18/2020 13:07

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 19:37

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80245.D
Lims ID: 460-218658-B-9
Client ID: MW-54
Sample Type: Client
Inject. Date: 25-Sep-2020 19:37:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-218658-B-9
Misc. Info.: 460-0117333-027
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 14:59:45 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: boykink Date: 25-Sep-2020 19:16:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	100	115539	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	140085	49.9	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	99	137465	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	131780	46.7	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	652187	50.0	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	62	14871	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	581429	46.9	
86 Tetrachloroethene	166	5.362	5.362	0.000	97	33530	9.33	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	480748	50.0	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	95	183598	47.2	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	252330	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

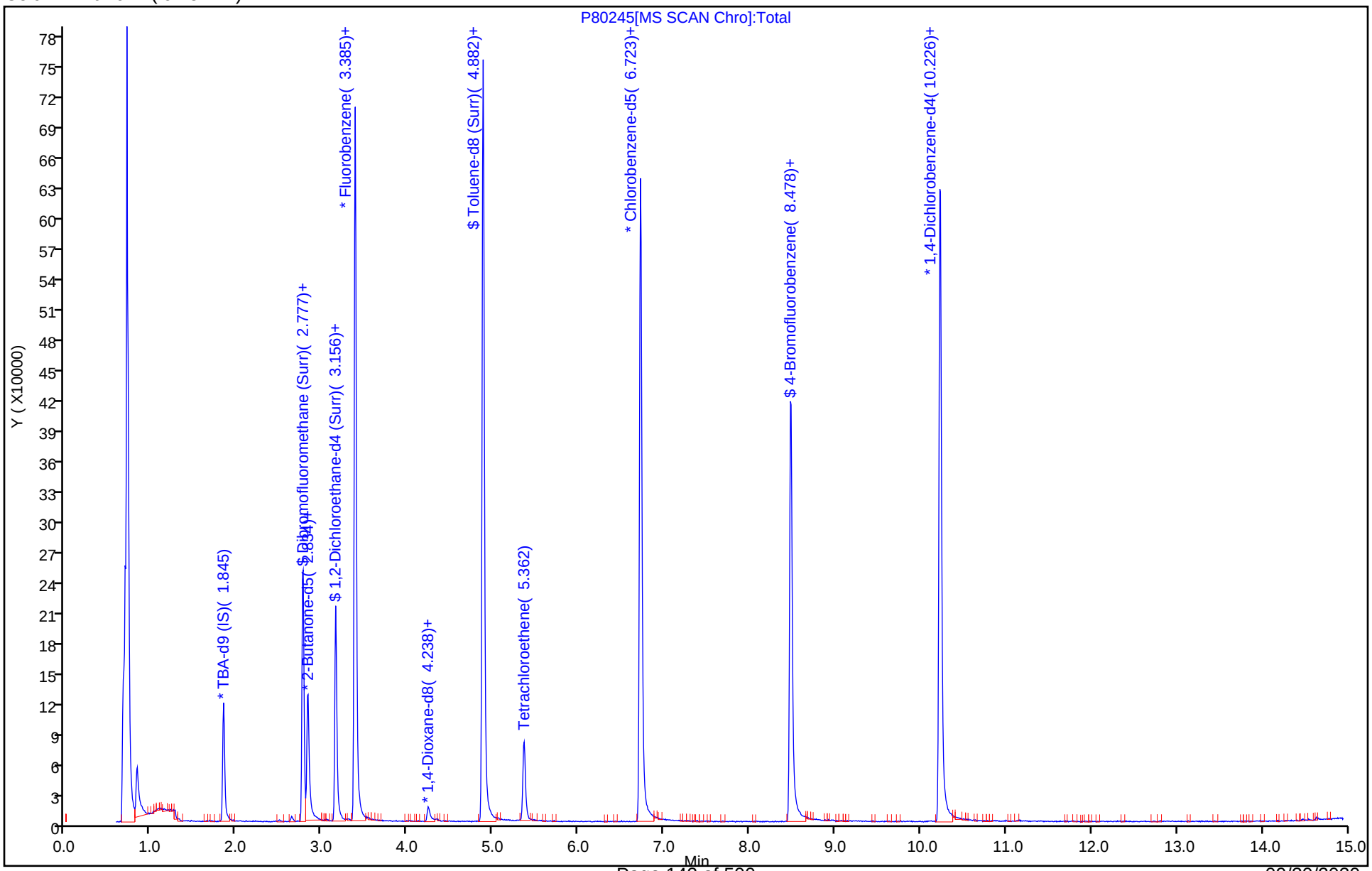
Report Date: 26-Sep-2020 15:00:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80245.D

Injection Date:	25-Sep-2020 19:37:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-218658-B-9	Lab Sample ID:	460-218658-9	Worklist Smp#:	27
Client ID:	MW-54				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

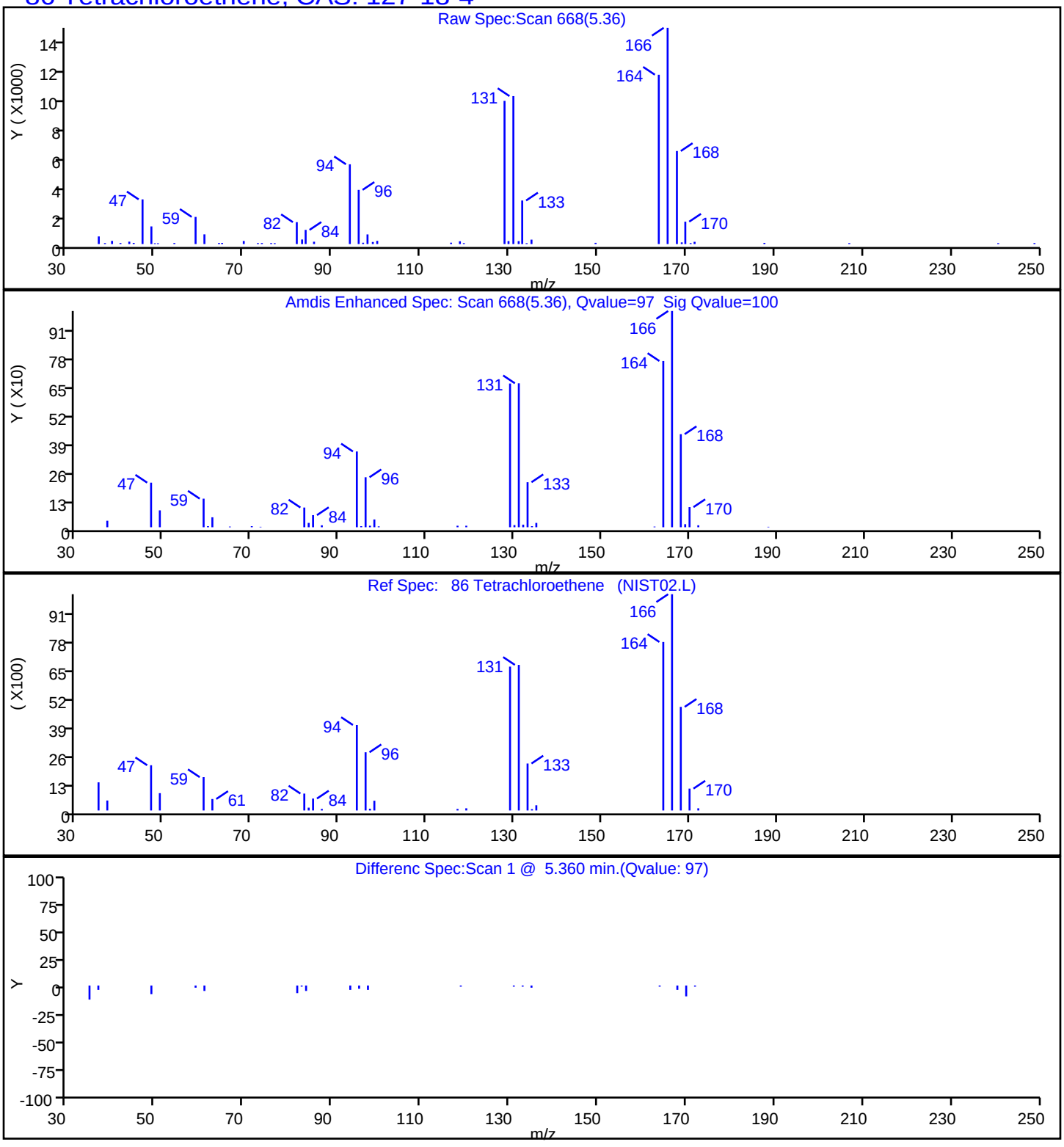
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80245.D		
Injection Date:	25-Sep-2020 19:37:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-9	Lab Sample ID:	460-218658-9
Client ID:	MW-54		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 Tetrachloroethene, CAS: 127-18-4



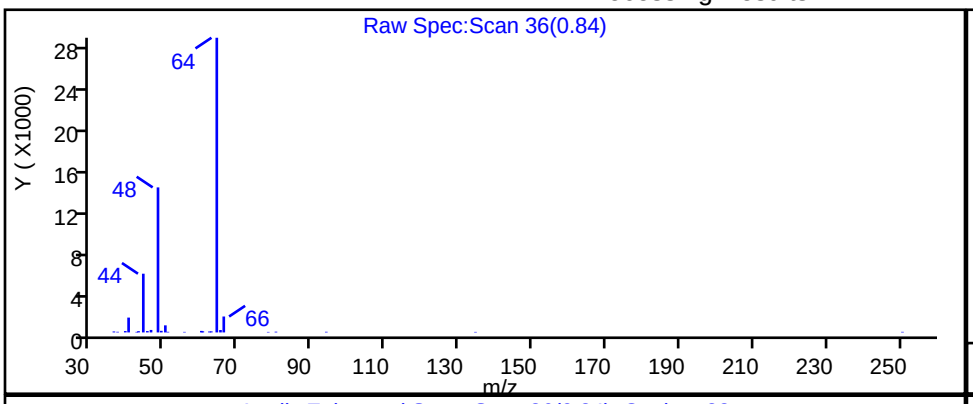
User Disabled Compound Report

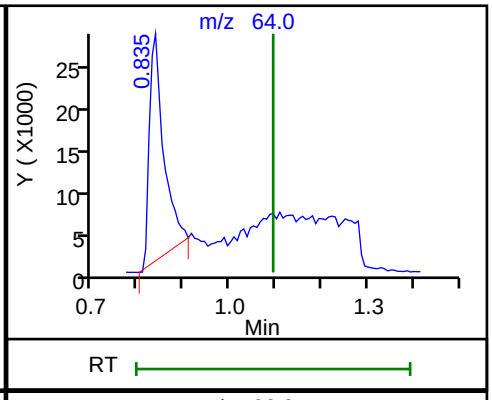
Eurofins TestAmerica, Edison

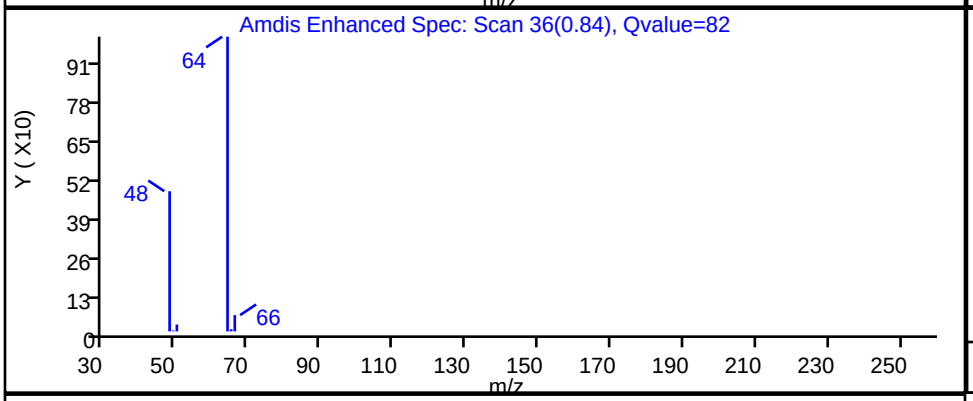
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80245.D		
Injection Date:	25-Sep-2020 19:37:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-9	Lab Sample ID:	460-218658-9
Client ID:	MW-54		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

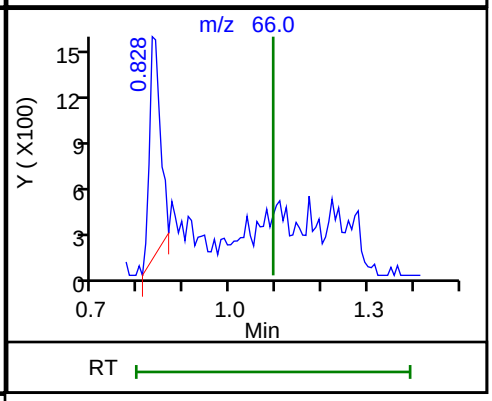
10 Chloroethane, CAS: 75-00-3

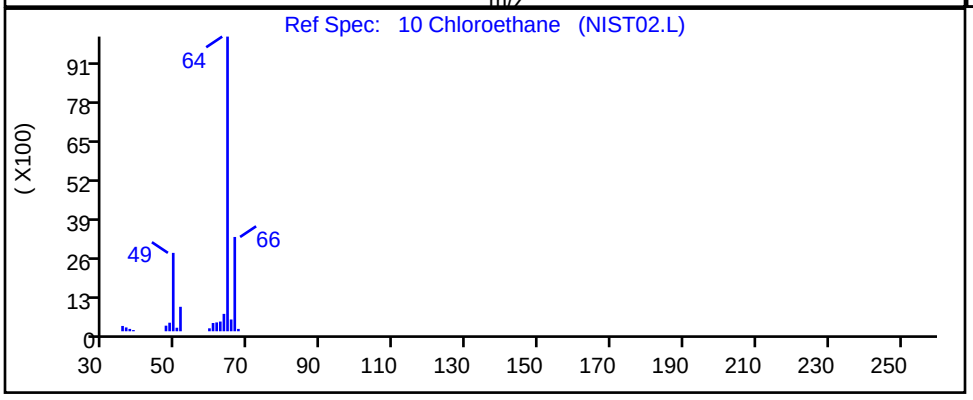
Processing Results











RT	Mass	Response	Amount
0.84	64.00	59434	24.875372
0.83	66.00	2403	

Reviewer: boykink, 25-Sep-2020 18:59:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

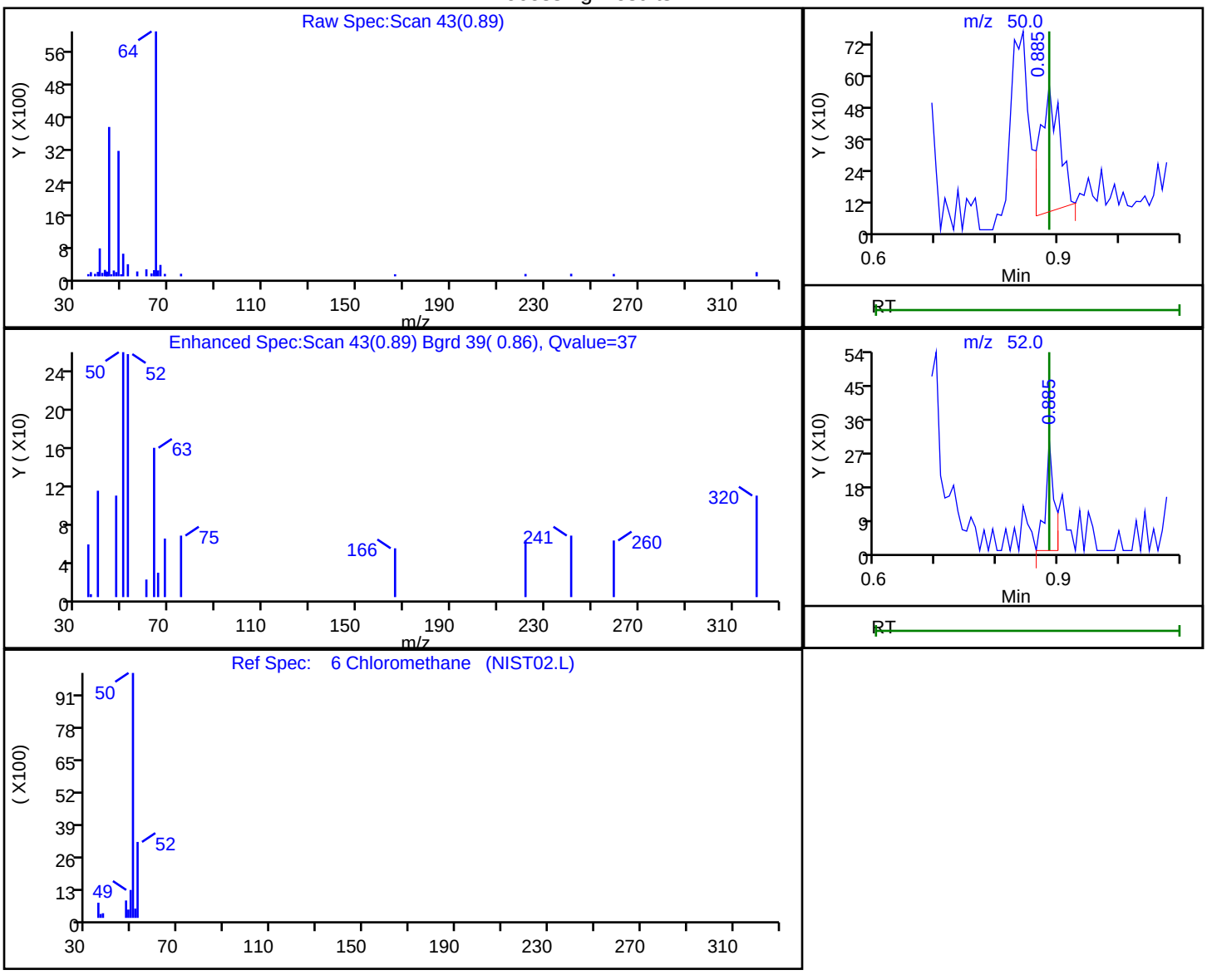
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80245.D		
Injection Date:	25-Sep-2020 19:37:30	Instrument ID:	CVOAMS13
Lims ID:	460-218658-B-9	Lab Sample ID:	460-218658-9
Client ID:	MW-54		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.89	50.00	1061	0.172861
0.89	52.00	297	

Reviewer: boykink, 25-Sep-2020 18:59:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-725517/3	O63462.D
Level 2	STD1 460-725517/5	O63464.D
Level 3	STD5 460-725517/6	O63465.D
Level 4	STD20 460-725517/7	O63466.D
Level 5	STD50 460-725517/15	O63474.D
Level 6	STD200 460-725517/16	O63475.D
Level 7	STD500 460-725517/17	O63476.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0183	0.0075 +++++	0.0187	0.0181	0.0157	Lin2	-0.010	0.0183							0.9900		0.9900
Chlorotrifluoroethene	+++++ 1.3353	0.9094 1.2893	0.9710	1.0608	1.2557	Ave		1.1369				15.8		20.0			
Dichlorodifluoromethane	+++++ 0.3667	0.2673 0.3316	0.3420	0.3372	0.3919	Ave		0.3394			0.1000	12.3		20.0			
1,1-Difluoroethane	+++++ 0.1554	0.1579 0.1321	0.1582	0.1559	0.1666	Ave		0.1543				7.5		20.0			
Chlorodifluoromethane	+++++ 0.0486	0.0568 0.0407	0.0529	0.0500	0.0520	Ave		0.0502				10.8		20.0			
Chloromethane	+++++ 0.3208	0.3109 0.2943	0.3488	0.3205	0.3434	Ave		0.3231			0.1000	6.3		20.0			
Vinyl chloride	+++++ 0.2994	0.3059 0.2704	0.3449	0.3367	0.3449	Ave		0.3170			0.1000	9.5		20.0			
Butadiene	0.2745 0.2726	0.2640 0.2438	0.3167	0.2975	0.3112	Ave		0.2829				9.4		20.0			
Bromomethane	+++++ 6.4972	9.9128 +++++	9.6454	7.8915	8.9738	Ave		8.5841			0.1000	16.3		20.0			
Chloroethane	+++++ 0.1497	0.1443 +++++	0.1990	0.1769	0.1816	Ave		0.1703			0.1000	13.5		20.0			
Dichlorofluoromethane	+++++ 0.3602	0.3821 0.3313	0.4485	0.4166	0.4221	Ave		0.3935				11.1		20.0			
Trichlorofluoromethane	+++++ 0.2698	0.2792 0.2848	0.3356	0.3174	0.3358	Ave		0.3038			0.1000	9.7		20.0			
Pentane	+++++ 0.0408	0.0382 0.0354	0.0466	0.0428	0.0475	Ave		0.0419				11.3		20.0			
Ethanol	+++++ 0.0577	0.0559 0.0501	0.0688	0.0656	0.0618	Ave		0.0600				11.4		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.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1757	0.1870 0.1406	0.2047	0.2025	0.1817	Ave		0.1820				12.8		20.0			
Ethyl ether	+++++ 0.1722	0.2173 0.1442	0.2360	0.2092	0.2036	Ave		0.1971				16.9		20.0			
2-Methyl-1,3-butadiene	+++++ 0.1890	0.2283 0.1638	0.2344	0.2229	0.2249	Ave		0.2106				13.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2770	0.3475 0.2602	0.3530	0.3299	0.3156	Ave		0.3139				12.1		20.0			
Acrolein	+++++ 0.2809	0.3092 +++++	0.2367	0.2006	0.2146	Ave		0.2484				18.4		20.0			
1,1-Dichloroethene	+++++ 0.1909	0.2205 0.1817	0.2333	0.2135	0.2067	Ave		0.2078			0.1000	9.2		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1998	0.2217 0.1837	0.2383	0.2151	0.2191	Ave		0.2130			0.1000	8.9		20.0			
Acetone	+++++ 0.1535	0.3420 0.1555	0.2165	0.1787	0.1613	Lin2	0.9177	0.1622			0.0500				0.9950		0.9900
Iodomethane	+++++ 0.1118	0.1030 0.0967	0.1171	0.1066	0.1172	Ave		0.1087				7.5		20.0			
Isopropyl alcohol	+++++ 0.6028	0.6414 0.5550	0.6718	0.6022	0.6056	Ave		0.6131				6.5		20.0			
Carbon disulfide	+++++ 0.5792	0.8368 0.5148	0.8086	0.7123	0.6794	Ave		0.6885			0.1000	18.3		20.0			
Acetonitrile	+++++ 0.3947	0.4598 0.2909	0.4210	0.3984	0.3958	Ave		0.3934				14.2		20.0			
Allyl chloride	+++++ 0.3021	0.1593 0.2898	0.1741	0.1632	0.2356	QuaF		0.2968	-0.000013						0.9990		0.9900
Methyl acetate	+++++ 1.7034	1.8069 1.4561	2.0135	1.7690	1.7877	Ave		1.7561			0.1000	10.3		20.0			
Cyclopentene	+++++ 0.5511	0.6551 0.4981	0.6680	0.5974	0.6119	Ave		0.5969				10.7		20.0			
Methylene Chloride	+++++ 0.2294	0.2911 0.2168	0.3040	0.2591	0.2438	Ave		0.2574			0.1000	13.4		20.0			
2-Methyl-2-propanol	+++++ 1.0136	1.2731 0.9934	1.1250	1.0543	1.0152	Ave		1.0791				9.8		20.0			
Acrylonitrile	0.0687 0.0690	0.0731 0.0629	0.0771	0.0733	0.0714	Ave		0.0708				6.3		20.0			
trans-1,2-Dichloroethene	+++++ 0.2120	0.2590 0.1880	0.2694	0.2363	0.2291	Ave		0.2323			0.1000	12.9		20.0			
Methyl tert-butyl ether	+++++ 0.5897	0.7326 0.5183	0.7981	0.6955	0.6543	Ave		0.6648			0.1000	15.1		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.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	+++++ 0.3678	0.3386 0.3341	0.3814	0.3636	0.3852	Ave		0.3618				5.9		20.0			
1,1-Dichloroethane	+++++ 0.4026	0.4852 0.3602	0.5101	0.4460	0.4265	Ave		0.4384			0.2000	12.5		20.0			
Vinyl acetate	+++++ 0.5350	0.4780 0.5175	0.4988	0.4654	0.5464	Ave		0.5069				6.3		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2136	0.2632 0.1922	0.2574	0.2342	0.2314	Ave		0.2320				11.5		20.0			
Isopropyl ether	+++++ 0.6938	0.9144 0.5896	0.9813	0.8490	0.7987	Ave		0.8045				17.9		20.0			
Tert-butyl ethyl ether	+++++ 0.7364	0.8587 0.6660	0.9038	0.7968	0.7796	Ave		0.7902				10.7		20.0			
2,2-Dichloropropane	+++++ 0.0772	0.0798 0.0695	0.0860	0.0785	0.0815	Ave		0.0787				6.9		20.0			
cis-1,2-Dichloroethene	+++++ 0.2387	0.2649 0.2168	0.2988	0.2625	0.2575	Ave		0.2565			0.1000	10.7		20.0			
2-Butanone	+++++ 0.2489	0.2579 0.2468	0.2842	0.2601	0.2577	Ave		0.2593			0.0500	5.1		20.0			
Propionitrile	+++++ 0.2469	0.2432 0.2362	0.3004	0.2829	0.2766	Ave		0.2644				9.8		20.0			
Ethyl acetate	+++++ 0.2502	0.2870 0.2494	0.2560	0.2500	0.2539	Ave		0.2577				5.6		20.0			
Methyl acrylate	+++++ 0.2014	0.2313 0.2221	0.2417	0.2159	0.2084	Ave		0.2201				6.7		20.0			
Methacrylonitrile	+++++ 0.0809	0.0997 0.0707	0.1082	0.0946	0.0916	Ave		0.0909				14.7		20.0			
Chlorobromomethane	+++++ 0.1036	0.1213 0.0951	0.1450	0.1233	0.1160	Ave		0.1174				14.8		20.0			
Tetrahydrofuran	+++++ 0.6240	0.7855 0.6094	0.7599	0.6660	0.6362	Ave		0.6802				11.0		20.0			
Chloroform	+++++ 0.3484	0.4433 0.3161	0.4508	0.3904	0.3698	Ave		0.3865			0.2000	13.7		20.0			
1,1,1-Trichloroethane	+++++ 0.3174	0.3536 0.2951	0.3550	0.3234	0.3147	Ave		0.3265			0.1000	7.2		20.0			
Cyclohexane	+++++ 0.3588	0.3744 0.3282	0.3947	0.3663	0.3656	Ave		0.3647			0.1000	6.0		20.0			
Carbon tetrachloride	+++++ 0.2598	0.2430 0.2390	0.2644	0.2482	0.2588	Ave		0.2522			0.1000	4.1		20.0			
1,1-Dichloropropene	+++++ 0.3150	0.3615 0.2802	0.3728	0.3309	0.3304	Ave		0.3318				10.0		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isobutyl alcohol	+++++ 0.5355	0.4452 0.4890	0.4646	0.4858	0.5040	Ave		0.4874				6.4		20.0			
Benzene	+++++ 1.0531	1.3680 0.9144	1.4147	1.2274	1.1546	Ave		1.1887			0.5000	15.9		20.0			
1,2-Dichloroethane	+++++ 0.2582	0.3442 0.2309	0.3410	0.2954	0.2783	Ave		0.2913			0.1000	15.5		20.0			
2,2,4-Trimethylpentane	+++++ 0.7073	0.6894 0.6312	0.7536	0.7147	0.7543	Ave		0.7084				6.5		20.0			
Isopropyl acetate	+++++ 0.0854	0.0967 0.0769	0.1000	0.0943	0.0912	Ave		0.0908				9.3		20.0			
Tert-amyl methyl ether	+++++ 0.6423	0.7343 0.5834	0.7934	0.7221	0.6952	Ave		0.6952				10.6		20.0			
n-Heptane	+++++ 0.3198	0.2997 0.2904	0.2983	0.2976	0.3158	Ave		0.3036				3.8		20.0			
n-Butanol	+++++ 0.3695	0.2753 0.3341	0.3085	0.3237	0.3564	Ave		0.3279				10.3		20.0			
Trichloroethene	+++++ 0.2352	0.2443 0.2145	0.2747	0.2520	0.2468	Ave		0.2446			0.2000	8.1		20.0			
Ethyl acrylate	+++++ 0.3212	0.2617 0.3129	0.3150	0.3170	0.3278	Ave		0.3093				7.7		20.0			
Methylcyclohexane	+++++ 0.4342	0.3972 0.3890	0.4515	0.4356	0.4495	Ave		0.4262			0.1000	6.3		20.0			
1,2-Dichloropropane	+++++ 0.2426	0.2725 0.2199	0.3107	0.2733	0.2600	Ave		0.2632			0.1000	11.7		20.0			
Dibromomethane	+++++ 0.1296	0.1462 0.1201	0.1585	0.1430	0.1369	Ave		0.1390				9.6		20.0			
1,4-Dioxane	+++++ 1.0184	1.2136 0.9135	1.2166	1.1295	1.0334	Ave		1.0875				11.1		20.0			
Methyl methacrylate	+++++ 0.0673	0.0679 0.0633	0.0719	0.0702	0.0718	Ave		0.0687				4.8		20.0			
n-Propyl acetate	+++++ 0.3238	0.3839 0.3067	0.3572	0.3404	0.3423	Ave		0.3424				7.8		20.0			
Bromodichloromethane	+++++ 0.2980	0.2899 0.2792	0.3253	0.2985	0.2992	Ave		0.2983			0.2000	5.1		20.0			
2-Nitropropane	+++++ 0.0498	0.0357 0.0524	0.0402	0.0372	0.0413	Ave		0.0428				15.9		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1667	0.0905 0.1606	0.1230	0.1411	0.1562	Lin2	-0.067	0.1540							0.9940		0.9900
Epichlorohydrin	0.1858 0.2635	0.2167 0.2557	0.2368	0.2380	0.2513	Ave		0.2354				11.3		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	+++++ 0.4842	0.5286 0.4336	0.5963	0.5387	0.5193	Ave		0.5168			0.2000	10.6		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1976	2.2816 2.0739	2.4407	2.3155	2.3200	Ave		2.2715			0.0500	5.5		20.0			
Toluene	+++++ 1.1683	1.4707 1.0361	1.4923	1.3187	1.2587	Ave		1.2908			0.4000	13.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4546	0.4228 0.4149	0.4866	0.4680	0.4644	Ave		0.4519			0.1000	6.1		20.0			
Ethyl methacrylate	+++++ 0.3819	0.3855 0.3484	0.4401	0.4136	0.4057	Ave		0.3959				7.9		20.0			
1,1,2-Trichloroethane	+++++ 0.2048	0.2402 0.1819	0.2649	0.2404	0.2246	Ave		0.2261			0.1000	13.0		20.0			
Tetrachloroethene	+++++ 0.2883	0.3099 0.2626	0.3366	0.3076	0.2996	Ave		0.3008			0.2000	8.2		20.0			
1,3-Dichloropropane	+++++ 0.4281	0.4993 0.3871	0.5785	0.5085	0.4761	Ave		0.4796				13.9		20.0			
2-Hexanone	+++++ 1.5494	1.5449 1.4981	1.6661	1.6067	1.6010	Ave		1.5777			0.0500	3.7		20.0			
Dibromochloromethane	+++++ 0.2713	0.2285 0.2562	0.2692	0.2662	0.2720	Ave		0.2606			0.1000	6.4		20.0			
n-Butyl acetate	+++++ 0.4213	0.4825 0.3802	0.5199	0.4746	0.4567	Ave		0.4559				10.8		20.0			
Ethylene Dibromide	+++++ 0.2528	0.2774 0.2273	0.3133	0.2871	0.2705	Ave		0.2714			0.1000	10.8		20.0			
Chlorobenzene	+++++ 0.8085	0.8942 0.7276	0.9904	0.8888	0.8519	Ave		0.8602			0.5000	10.3		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.2630	0.2591 0.2420	0.2890	0.2788	0.2703	Ave		0.2670				6.1		20.0			
Ethylbenzene	+++++ 0.4135	0.4869 0.3809	0.5235	0.4657	0.4433	Ave		0.4523			0.1000	11.3		20.0			
m-Xylene & p-Xylene	+++++ 0.5356	0.6275 0.4876	0.6669	0.5932	0.5639	Ave		0.5791			0.1000	11.1		20.0			
o-Xylene	+++++ 0.5425	0.6077 0.4847	0.6703	0.5973	0.5747	Ave		0.5795			0.3000	10.8		20.0			
Styrene	+++++ 0.8423	0.9807 0.7404	1.1195	1.0150	0.9401	Ave		0.9397			0.3000	14.2		20.0			
n-Butyl acrylate	+++++ 0.2097	0.2149 0.1956	0.2494	0.2372	0.2269	Ave		0.2223				8.8		20.0			
Bromoform	+++++ 0.1763	0.1330 0.1725	0.1530	0.1571	0.1675	Ave		0.1599			0.1000	9.9		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Amyl acetate (mixed isomers)	+++++ 1.0833	1.0371 0.9933	1.1594	1.1370	1.1350	Ave		1.0908				6.0		20.0			
Isopropylbenzene	+++++ 1.3124	1.5841 1.1631	1.6915	1.5134	1.4140	Ave		1.4464			0.1000	13.2		20.0			
Bromobenzene	+++++ 0.7017	0.6931 0.6549	0.7994	0.7263	0.7261	Ave		0.7169				6.7		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7056	0.6943 0.6506	0.7946	0.7548	0.7514	Ave		0.7252			0.3000	7.1		20.0			
1,2,3-Trichloropropane	+++++ 0.1896	0.1837 0.1748	0.2172	0.2107	0.2070	Ave		0.1972				8.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1999	0.1686 0.1920	0.1969	0.2004	0.2067	Ave		0.1941				6.9		20.0			
N-Propylbenzene	+++++ 3.1403	3.5091 2.8042	3.7333	3.4410	3.3298	Ave		3.3263				9.7		20.0			
2-Chlorotoluene	+++++ 1.8629	2.2845 1.7384	2.3944	2.1058	1.9810	Ave		2.0612				12.1		20.0			
4-Ethyltoluene	+++++ 2.6615	2.8420 2.4613	3.0492	2.8437	2.8044	Ave		2.7770				7.1		20.0			
4-Chlorotoluene	+++++ 1.9005	2.3084 1.5580	2.4311	2.1633	2.0503	Ave		2.0686				15.1		20.0			
1,3,5-Trimethylbenzene	+++++ 2.0156	2.2430 1.8415	2.3710	2.1287	2.1314	Ave		2.1219				8.6		20.0			
Butyl Methacrylate	+++++ 0.8951	0.7497 0.8319	0.8575	0.8589	0.9024	Ave		0.8492				6.5		20.0			
tert-Butylbenzene	+++++ 2.0014	2.2377 1.8169	2.2985	2.1220	2.0755	Ave		2.0920				8.2		20.0			
1,2,4-Trimethylbenzene	+++++ 2.0183	2.2134 1.8498	2.3584	2.1241	2.1538	Ave		2.1196				8.2		20.0			
sec-Butylbenzene	+++++ 2.9147	3.0254 2.6382	3.2912	3.0643	3.0216	Ave		2.9926				7.1		20.0			
1,3-Dichlorobenzene	+++++ 1.2564	1.4187 1.1566	1.5282	1.3791	1.3377	Ave		1.3461			0.6000	9.6		20.0			
1,4-Dichlorobenzene	+++++ 1.2551	1.3948 1.1435	1.4475	1.3165	1.2958	Ave		1.3089			0.5000	8.2		20.0			
4-Isopropyltoluene	+++++ 2.2107	2.4168 1.9876	2.5314	2.3493	2.3374	Ave		2.3055				8.1		20.0			
1,2,3-Trimethylbenzene	+++++ 2.0370	2.0951 1.8736	2.2239	2.0278	2.1364	Ave		2.0656				5.7		20.0			
Benzyl chloride	+++++ 0.3054	0.1987 0.2928	0.2279	0.2435	0.2951	Ave		0.2606				16.7		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.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Indan	+++++ 2.3083	2.3722 2.0415	2.7651	2.5110	2.4615	Ave		2.4099				9.9		20.0			
1,2-Dichlorobenzene	+++++ 1.2431	1.3055 1.1313	1.4426	1.3063	1.3004	Ave		1.2882			0.4000	7.9		20.0			
p-Diethylbenzene	+++++ 1.1650	1.1536 1.0690	1.2396	1.1631	1.2089	Ave		1.1665				5.0		20.0			
n-Butylbenzene	+++++ 1.0387	1.0810 0.9420	1.1359	1.0703	1.0913	Ave		1.0599				6.2		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1613	0.1092 0.1586	0.1386	0.1457	0.1543	Ave		0.1446			0.0500	13.3		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.3392	1.1407 1.3700	1.1751	1.1488	1.3222	Ave		1.2493				8.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7694	0.7110 0.7083	0.7257	0.7120	0.7830	Ave		0.7349				4.5		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6796	0.5596 0.6436	0.5940	0.5887	0.6434	Ave		0.6182			0.2000	7.2		20.0			
Hexachlorobutadiene	+++++ 0.3100	0.3313 0.2725	0.3262	0.3126	0.3176	Ave		0.3117				6.7		20.0			
Naphthalene	+++++ 1.2513	0.9200 1.2840	0.9183	1.0187	1.1363	Ave		1.0881				14.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.5694	0.4528 0.5501	0.5005	0.5270	0.5513	Ave		0.5252				8.1		20.0			
Dibromofluoromethane (Surr)	0.2344 0.2316	0.2338 0.2258	0.2342	0.2310	0.2280	Ave		0.2313				1.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2636 0.2555	0.2661 0.2575	0.2653	0.2590	0.2576	Ave		0.2607				1.6		20.0			
Toluene-d8 (Surr)	1.2910 1.1723	1.2957 1.1377	1.2802	1.2517	1.2066	Ave		1.2336				5.1		20.0			
Bromofluorobenzene	0.3762 0.3716	0.3833 0.3675	0.3777	0.3764	0.3734	Ave		0.3751				1.3		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-725517/3	O63462.D
Level 2	STD1 460-725517/5	O63464.D
Level 3	STD5 460-725517/6	O63465.D
Level 4	STD20 460-725517/7	O63466.D
Level 5	STD50 460-725517/15	O63474.D
Level 6	STD200 460-725517/16	O63475.D
Level 7	STD500 460-725517/17	O63476.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Lin2	+++++ 32418	79 +++++	939	3428	7216	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chlorotrifluoroethene	BUT	Ave	+++++ 223736	976 516482	5091	20600	57340	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 650179	2813 1513912	17209	63722	179865	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 275521	1661 603059	7961	29462	76476	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 86092	598 185988	2664	9453	23870	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 568815	3271 1343816	17551	60577	157598	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 530879	3219 1234668	17359	63631	158276	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	747 483260	2778 1113021	15937	56217	142812	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	TBAd 9	Ave	+++++ 219468	2156 +++++	10127	30081	81466	+++++ 200	1.00 +++++	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 265407	1518 +++++	10017	33434	83318	+++++ 200	1.00 +++++	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 638632	4021 1512836	22568	78743	193726	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 478257	2938 1300407	16890	59982	154090	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 144778	803 322884	4693	16192	43613	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 77899	486 176659	2890	9999	22451	+++++ 8000	40.0 20000	200	800	2000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 311476	1968 641788	10302	38274	83369	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl ether	FB	Ave	+++++ 305364	2286 658462	11879	39546	93436	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 335088	2402 748107	11794	42131	103217	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 491072	3657 1187894	17762	62350	144834	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 9488	269 +++++	994	1529	3897	+++++ 200	4.00 +++++	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 338444	2320 829738	11742	40343	94873	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 354288	2333 838698	11991	40652	100562	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Lin2	+++++ 128567	1835 311390	5675	17348	36818	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 198220	1084 441515	5891	20148	53786	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 203606	1395 489730	7053	22956	54980	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1026890	8805 2350534	40693	134630	311806	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	Ave	+++++ 133329	1000 256634	4420	15188	35930	+++++ 2000	10.0 5000	50.0	200	500
Allyl chloride	FB	QuaF	+++++ 535621	1676 1323221	8763	30844	108138	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 115077	786 256943	4228	13486	32459	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 977063	6893 2274237	33617	112897	280836	+++++ 200	1.00 500	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 406753	3063 989872	15298	48964	111863	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 342371	2769 876533	11812	40186	92165	+++++ 2000	10.0 5000	50.0	200	500
Acrylonitrile	FB	Ave	1496 1222840	7693 2873643	38781	138443	327512	2.00 2000	10.0 5000	50.0	200	500
trans-1,2-Dichloroethene	FB	Ave	+++++ 375866	2725 858301	13557	44660	105157	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1045500	7709 2366645	40165	131443	300257	+++++ 200	1.00 500	5.00	20.0	50.0
Hexane	FB	Ave	+++++ 652008	3563 1525518	19196	68719	176778	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 713690	5105 1644499	25670	84284	195714	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Vinyl acetate	BUT	Ave	+++++ 179304	1026 414635	5230	18074	49905	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 378651	2770 877328	12952	44259	106192	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1230125	9622 2691856	49381	160456	366558	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1305650	9035 3040977	45482	150598	357794	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 136877	840 317125	4326	14834	37387	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 423271	2787 990078	15035	49619	118160	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 208507	1384 494376	7451	25252	58833	+++++ 1000	5.00 2500	25.0	100	250
Propionitrile	TBAd9	Ave	+++++ 83386	529 208415	3154	10784	25106	+++++ 2000	10.0 5000	50.0	200	500
Ethyl acetate	BUT	Ave	+++++ 83856	616 199798	2684	9710	23184	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 356986	2434 1014150	12164	40809	95620	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 1433559	10488 3230210	54447	178724	420474	+++++ 2000	10.0 5000	50.0	200	500
Chlorobromomethane	FB	Ave	+++++ 183587	1276 434182	7296	23295	53226	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 209103	1686 488235	7968	25866	58103	+++++ 400	2.00 1000	10.0	40.0	100
Chloroform	FB	Ave	+++++ 617668	4665 1443416	22685	73775	169703	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 562775	3721 1347275	17863	61126	144438	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 636179	3940 1498374	19862	69229	167789	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 460602	2557 1091081	13308	46907	118770	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 558383	3804 1279445	18761	62545	151643	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 452182	2421 1078644	12196	46292	114385	+++++ 5000	25.0 12500	125	500	1250
Benzene	CBNZ d5	Ave	+++++ 1636011	11140 3721994	56543	189414	447301	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 457810	3622 1054361	17159	55831	127732	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,2,4-Trimethylpentane	FB	Ave	+++++ 1253960	7254 2881919	37926	135083	346143	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 151363	1018 351038	5032	17825	41861	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 1138816	7727 2663838	39929	136482	319058	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 567054	3154 1325825	15011	56249	144921	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 312056	1497 736925	8098	30845	80882	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 417020	2571 979519	13823	47627	113255	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 569508	2754 1428423	15853	59906	150456	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 769827	4179 1775905	22721	82326	206286	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 430164	2867 1003965	15635	51660	119301	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 229737	1538 548281	7975	27031	62830	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dioxane	DXE	Ave	+++++ 97318	1697 238232	3296	11566	26010	+++++ 4000	50.0 10000	100	400	1000
Methyl methacrylate	FB	Ave	+++++ 238544	1428 577773	7236	26522	65931	+++++ 400	2.00 1000	10.0	40.0	100
n-Propyl acetate	FB	Ave	+++++ 574087	4039 1400259	17974	64326	157077	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 528331	3050 1274549	16368	56421	137313	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 176443	752 478673	4045	14045	37901	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Lin2	+++++ 296212	955 735142	6205	26738	71860	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1006 883027	4652 2048784	24829	92414	229529	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 752217	4305 1765039	23834	83142	201160	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 1841148	12243 4153770	63980	224820	529701	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 1814948	11977 4217508	59643	203514	487631	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 706296	3443 1688788	19448	72220	179894	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethyl methacrylate	CBNZ d5	Ave	+++++ 593237	3139 1418364	17589	63837	157173	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 318140	1956 740435	10589	37099	87009	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 447818	2524 1068884	13453	47474	116059	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 665059	4066 1575696	23120	78472	184434	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1298100	8290 3000666	43676	155997	365540	+++++ 1000	5.00 2500	25.0	100	250
Dibromochloromethane	CBNZ d5	Ave	+++++ 421504	1861 1042935	10759	41086	105356	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Ave	+++++ 654560	3929 1547763	20781	73239	176908	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 392713	2259 925173	12523	44309	104773	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1256030	7282 2961630	39585	137171	330010	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 408598	2110 985243	11551	43021	104714	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 642368	3965 1550379	20923	71867	171742	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 832156	5110 1984744	26656	91543	218442	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 842786	4949 1973182	26790	92182	222632	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1308589	7986 3013990	44744	156634	364191	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 325788	1750 796367	9967	36611	87887	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 273840	1083 702190	6115	24252	64893	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 804369	4342 1895555	23377	87050	212702	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2038855	12900 4734460	67607	233562	547796	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 521034	2902 1249747	16119	55606	136078	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 523960	2907 1241595	16021	57791	140827	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 140818	769 333673	4379	16131	38803	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 148465	706 366309	3970	15344	38744	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2331745	14692 5351315	75274	263456	624045	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1383263	9565 3317527	48277	161233	371259	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1976219	11899 4697036	61480	217730	525579	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1411173	9665 2973148	49018	165628	384252	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1496672	9391 3514199	47805	162983	399447	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 664623	3139 1587527	17290	65758	169125	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1486071	9369 3467299	46344	162469	388970	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1498656	9267 3530043	47551	162629	403650	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 2164251	12667 5034647	66360	234614	566281	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 932924	5940 2207271	30812	105587	250697	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 931934	5840 2182264	29185	100800	242846	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1641541	10119 3792956	51040	179869	438051	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1512506	8772 3575421	44840	155255	400382	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 226745	832 558782	4595	18647	55308	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 1714002	9932 3895931	55752	192253	461305	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 923042	5466 2158946	29087	100017	243702	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 865044	4830 2040002	24993	89050	226552	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 771254	4526 1797663	22903	81946	204512	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 119748	457 302752	2795	11154	28922	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 994377	4776 2614435	23694	87958	247795	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 725517

SDG No.:

Instrument ID: CVOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/21/2020 06:14 Calibration End Date: 09/21/2020 12:04 Calibration ID: 81999

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 571289	2977 1351598	14632	54513	146743	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 504646	2343 1228150	11977	45077	120582	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 230168	1387 520106	6578	23933	59527	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 929109	3852 2450230	18516	77997	212945	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 422817	1896 1049837	10091	40352	103325	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	127595 102663	123009 103104	117860	109159	104647	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	143482 113259	139989 117574	133485	122393	118203	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	538523 455309	527573 463125	511646	482910	467415	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	156940 144312	156056 149594	150954	145207	144640	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\CVOAMS12\20200921-117085.b\O63462.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 21-Sep-2020 06:14:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0117085-003
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:03:54 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: tupayachia Date: 21-Sep-2020 09:28:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.093	1.093	0.000	92	747	0.2500	0.2426	
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	100	216025	1000.0	1000.0	
33 Acrylonitrile	53	2.215	2.208	0.007	84	1496	2.00	1.94	
* 42 2-Butanone-d5	46	2.930	2.930	0.000	98	270692	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	97	127595	50.0	50.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.660	3.659	0.001	0	143482	50.0	50.6	
* 65 Fluorobenzene	96	3.988	3.988	0.000	99	544335	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.696	4.696	0.000	0	28478	1000.0	1000.0	
80 Epichlorohydrin	57	5.333	5.325	0.008	97	1006	5.00	3.95	
$ 83 Toluene-d8 (Surr)	98	5.747	5.747	0.000	100	538523	50.0	52.3	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	86	417139	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	88	156940	50.0	50.1	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	96	216855	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

8260MIX1COMB_00125	Amount Added:	0.00	Units: uL	
ACROLEIN W_00112	Amount Added:	0.00	Units: uL	
GAS Hi_00371	Amount Added:	0.00	Units: uL	
GASES Li_00386	Amount Added:	2.50	Units: uL	
ACRY/EPIH MIX_00077	Amount Added:	20.00	Units: uL	
Ethanol mix_00044	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	0.00	Units: uL	
MIX I Hi_00129	Amount Added:	0.00	Units: uL	
524freon_00027	Amount Added:	0.00	Units: uL	
8FreonHi_00023	Amount Added:	0.00	Units: uL	
14DIOXINTER_00119	Amount Added:	0.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:03:55 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D

Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12 Operator ID:

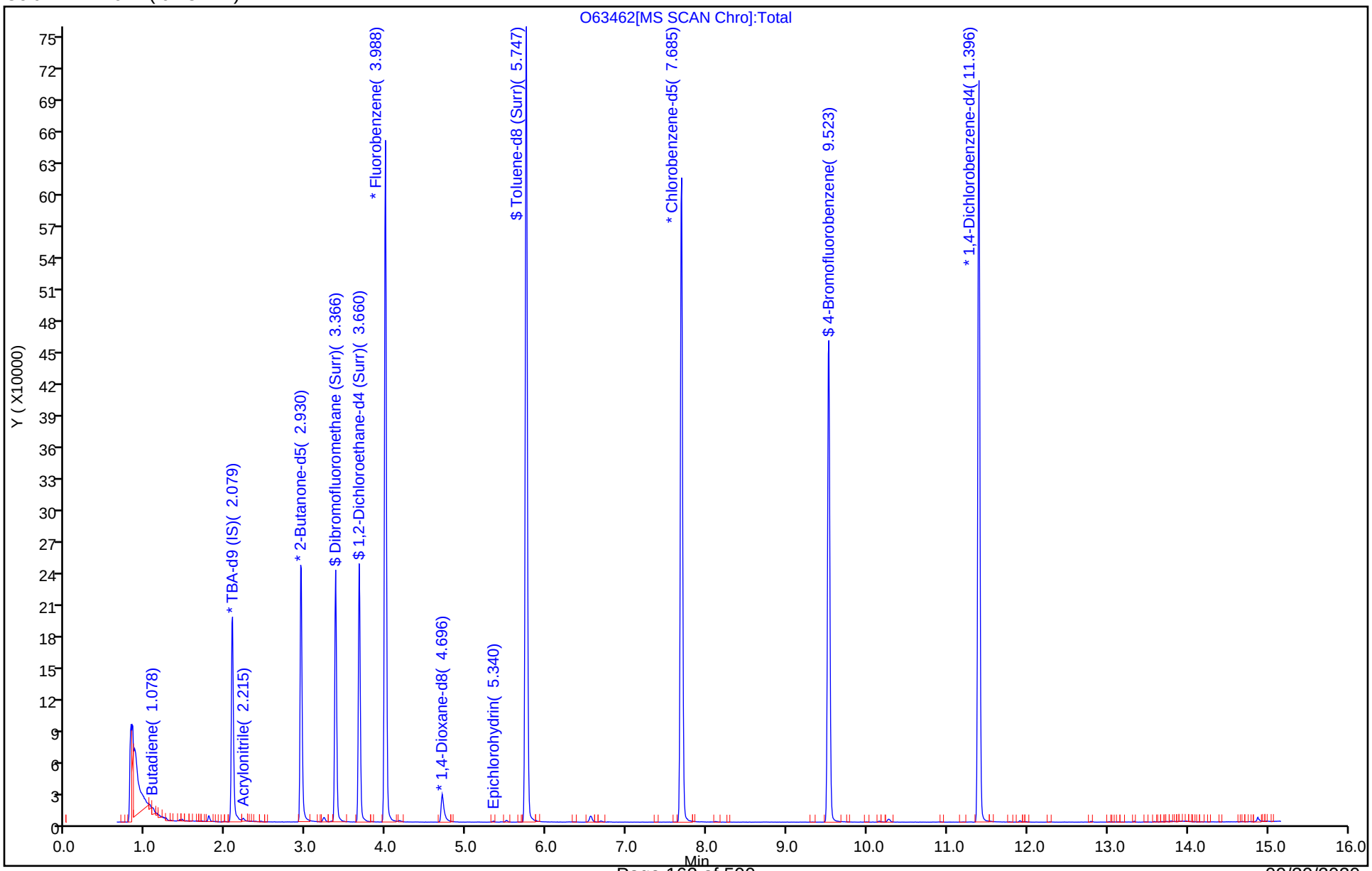
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



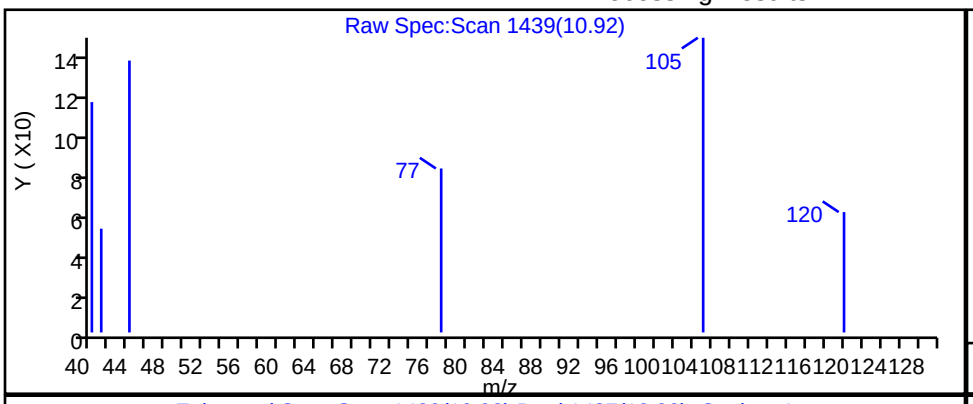
User Disabled Compound Report

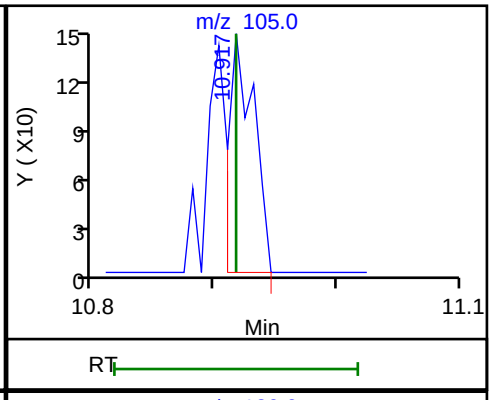
Eurofins TestAmerica, Edison

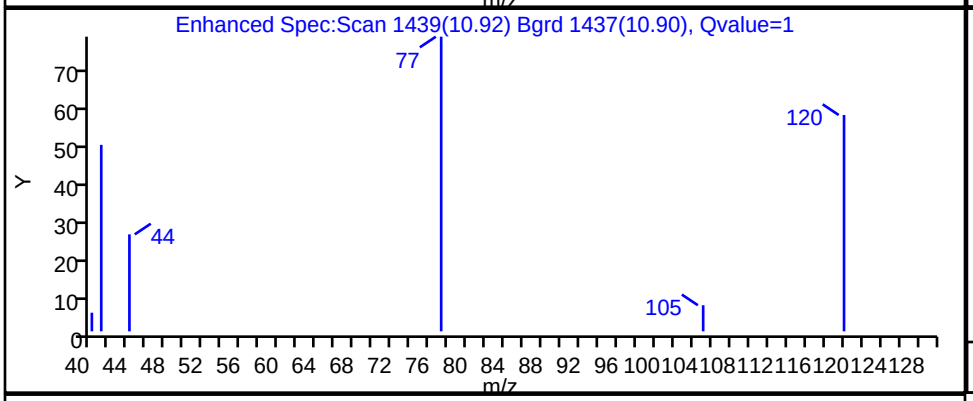
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

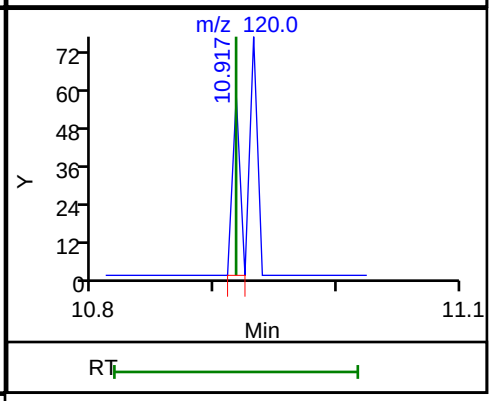
117 1,2,4-Trimethylbenzene, CAS: 95-63-6

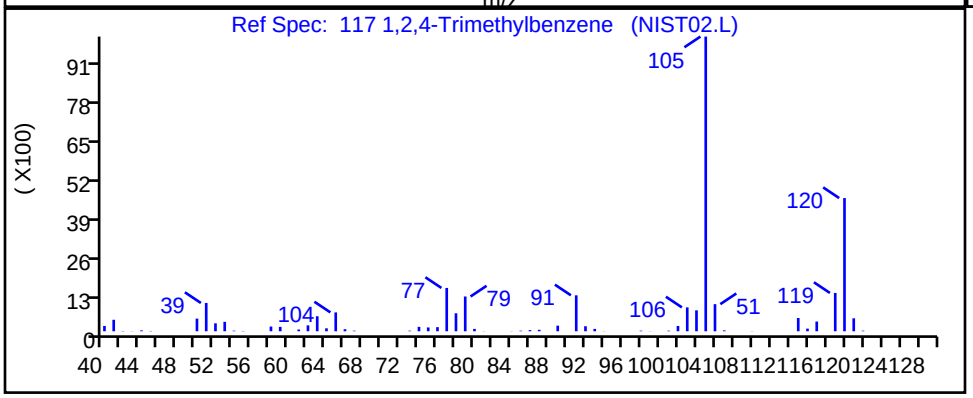
Processing Results











RT	Mass	Response	Amount
10.92	105.00	202	0.021973
10.92	120.00	25	

Reviewer: delpolitov, 23-Sep-2020 08:29:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

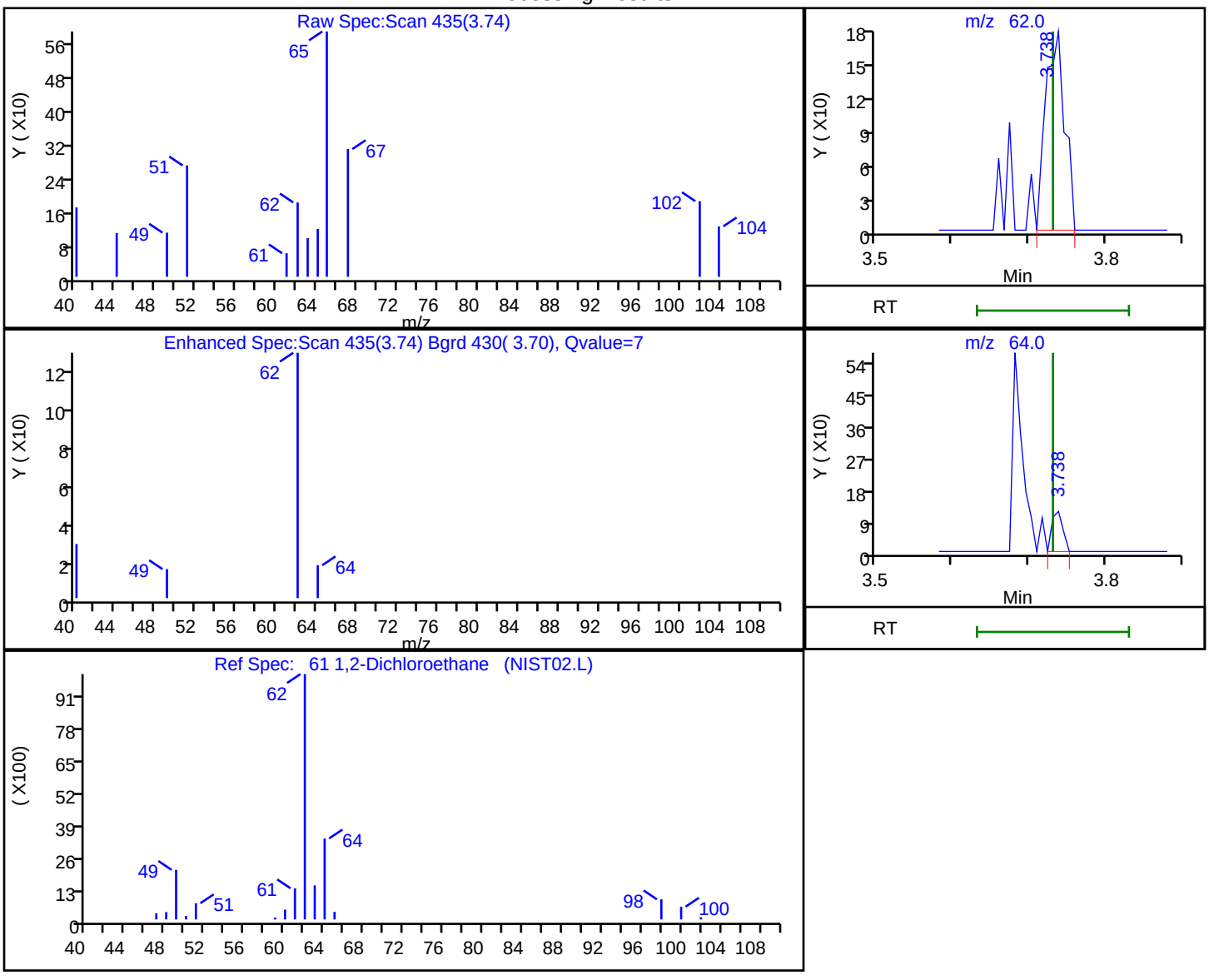
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
3.74	62.00	307	0.096790
3.74	64.00	114	

Reviewer: delpolitov, 23-Sep-2020 08:29:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

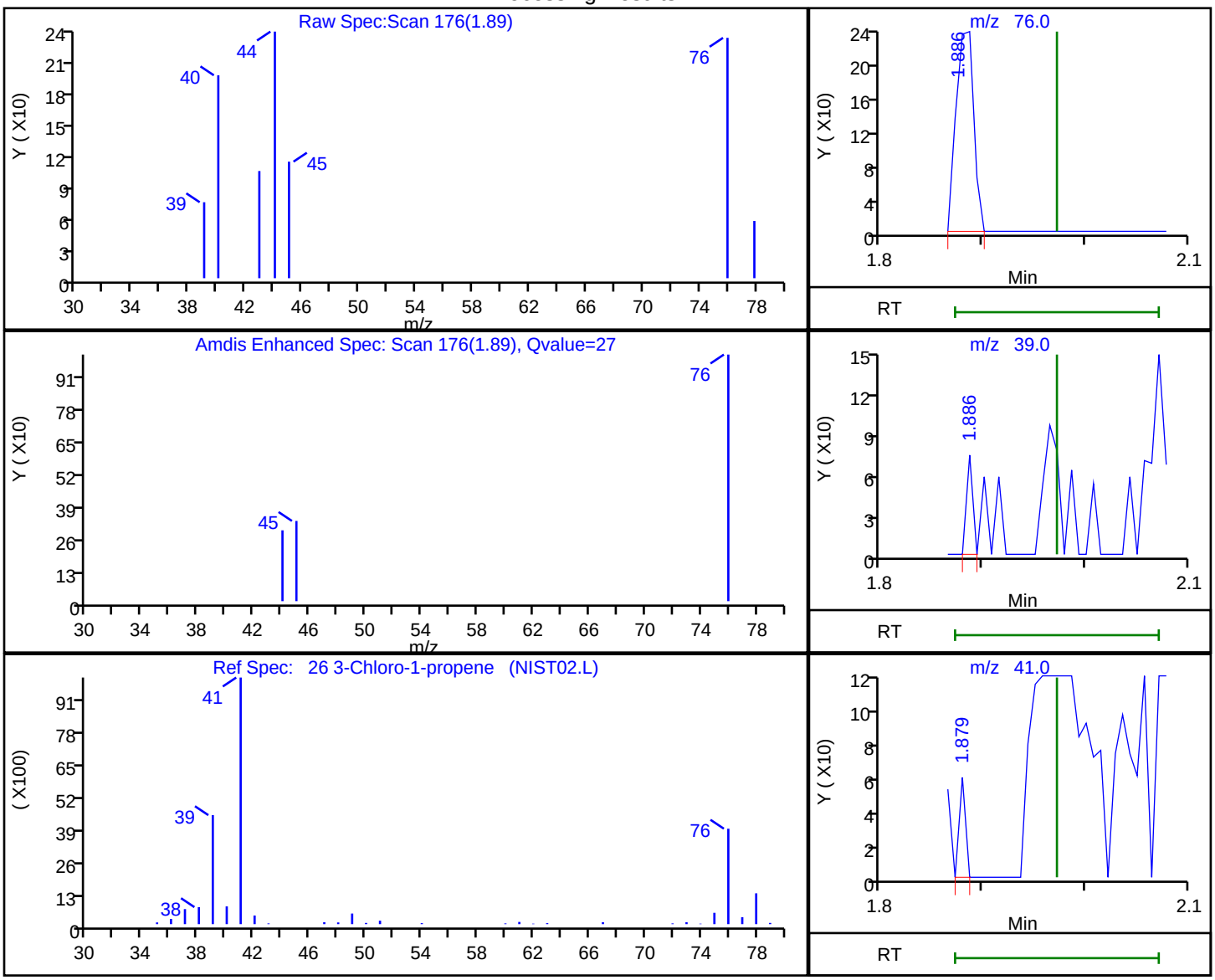
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
1.89	76.00	280	0.086658
1.89	39.00	31	
1.88	41.00	25	

Reviewer: delpolitov, 23-Sep-2020 08:29:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

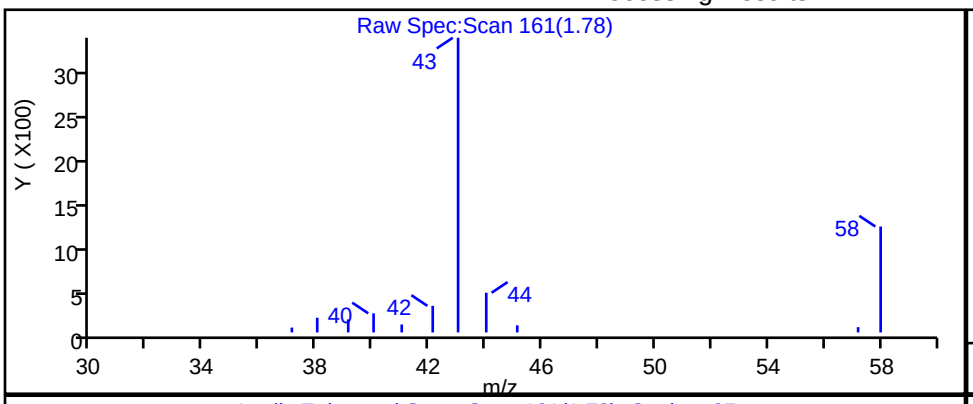
User Disabled Compound Report

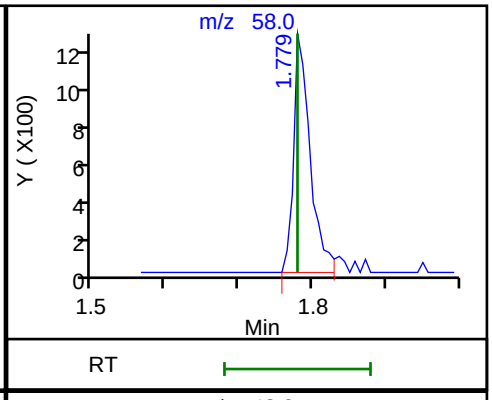
Eurofins TestAmerica, Edison

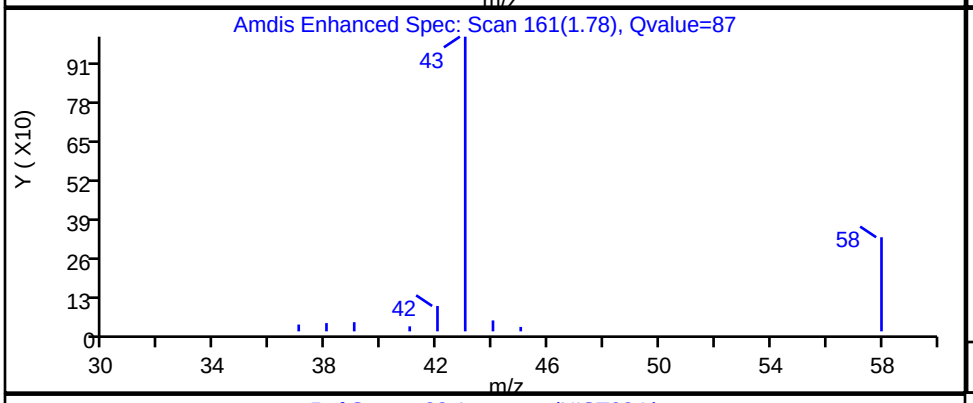
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

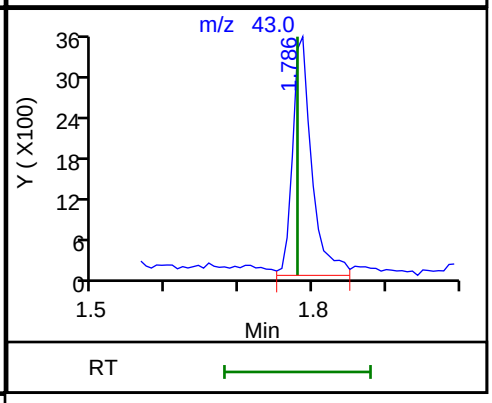
22 Acetone, CAS: 67-64-1

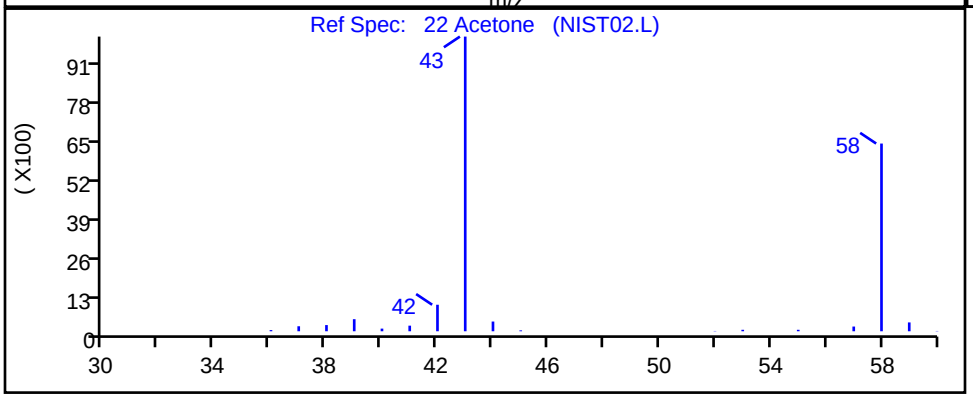
Processing Results











RT	Mass	Response	Amount
1.78	58.00	1889	11.325077
1.79	43.00	6454	

Reviewer: delpolitov, 23-Sep-2020 08:29:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

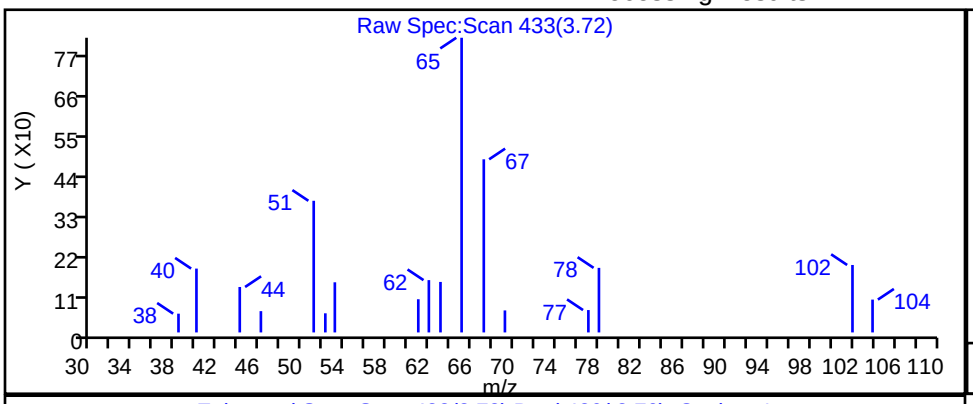
User Disabled Compound Report

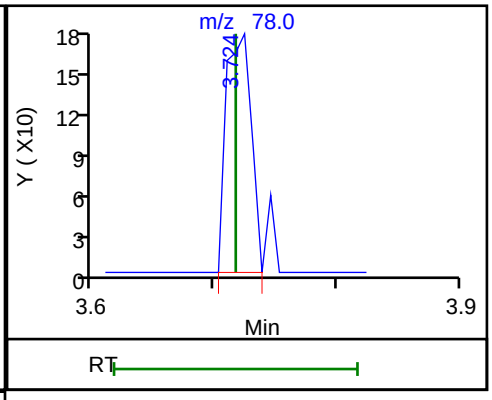
Eurofins TestAmerica, Edison

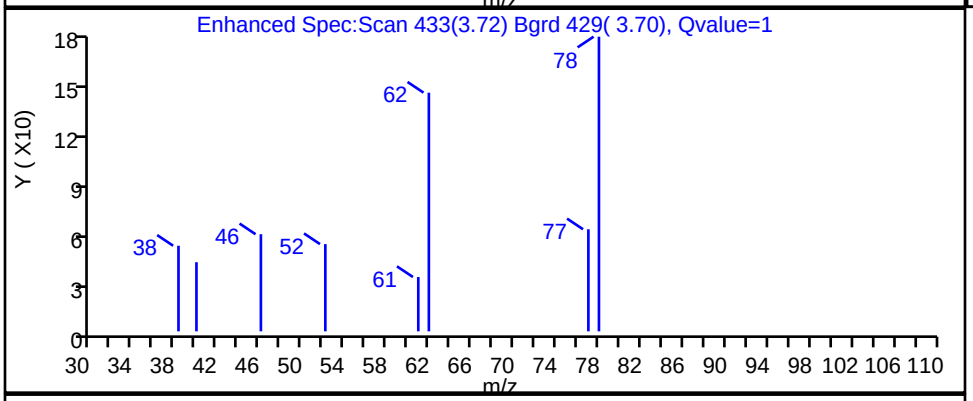
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D				
Injection Date:	21-Sep-2020 06:14:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

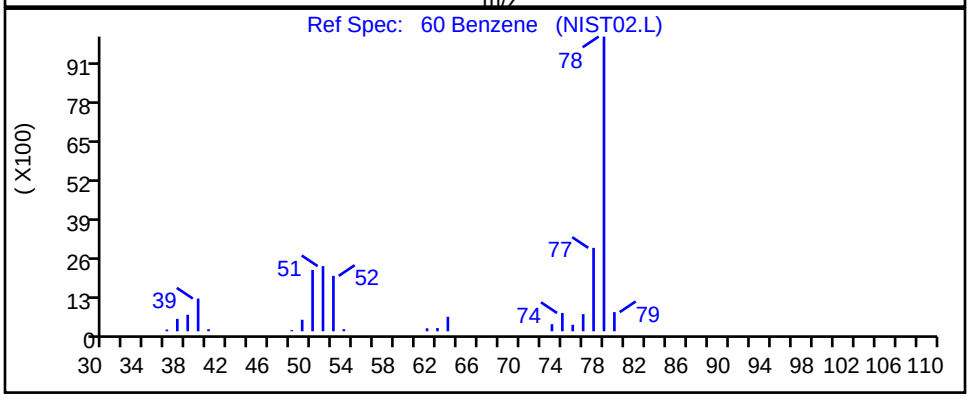
60 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.72	78.00	256	0.025814

Reviewer: delpolitov, 23-Sep-2020 08:29:25

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

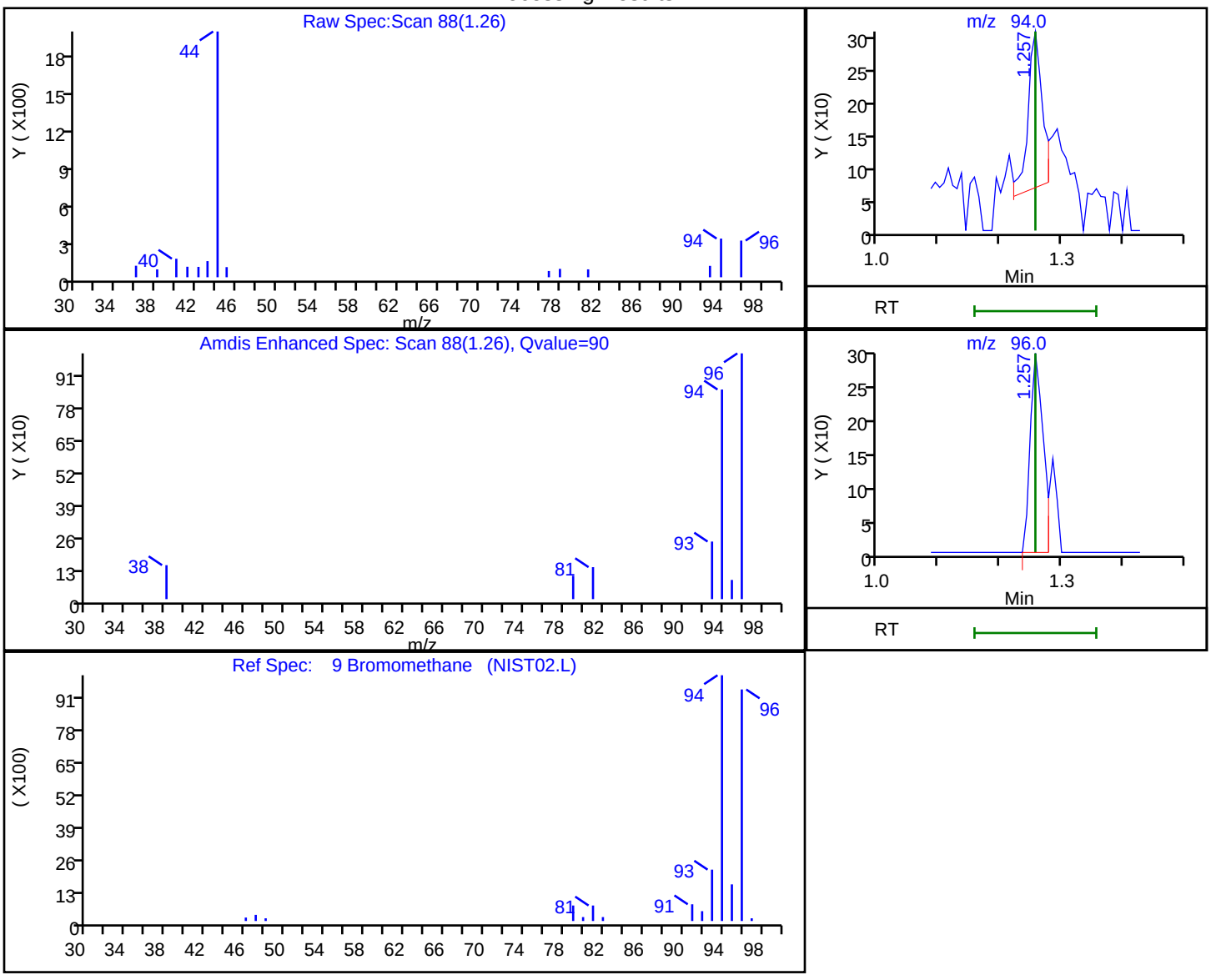
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.26	94.00	399	0.227944
1.26	96.00	436	

Reviewer: delpolitov, 23-Sep-2020 08:29:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

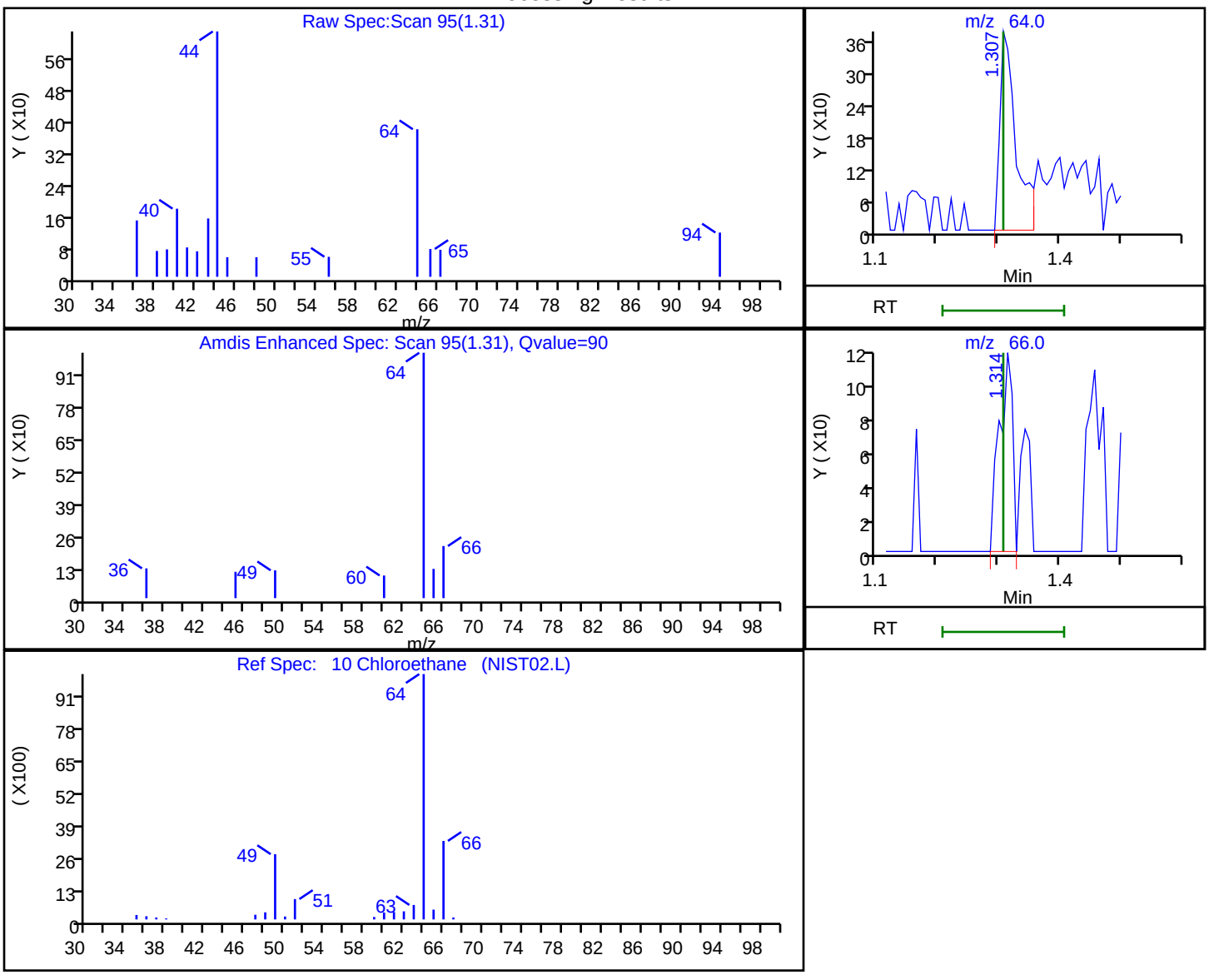
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
1.31	64.00	695	0.346798
1.31	66.00	176	

Reviewer: delpolitov, 23-Sep-2020 08:29:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

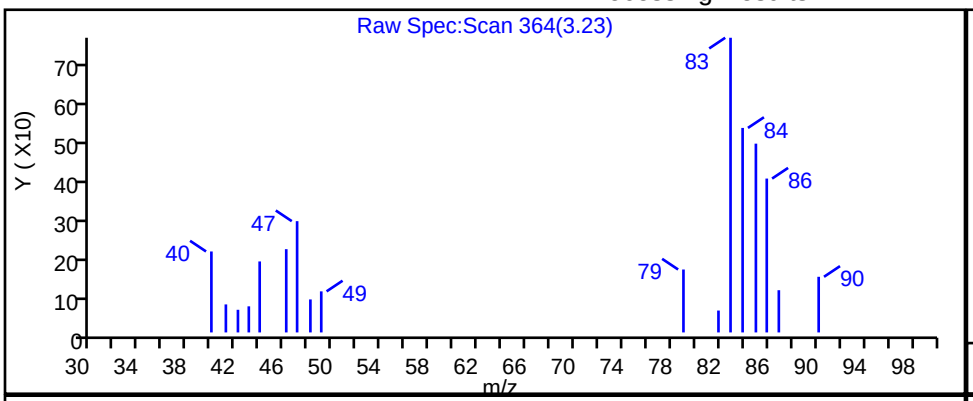
User Disabled Compound Report

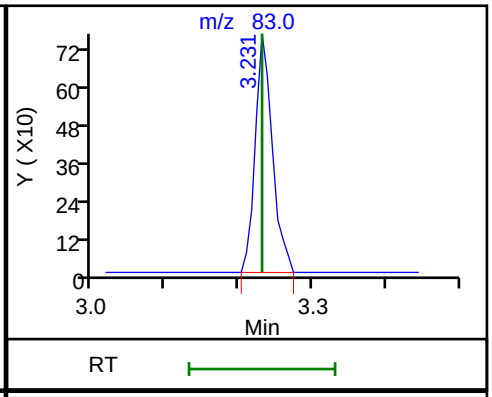
Eurofins TestAmerica, Edison

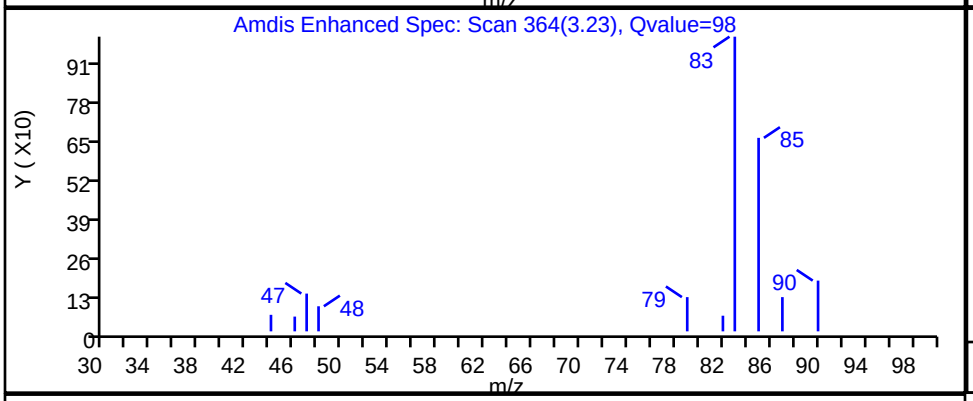
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

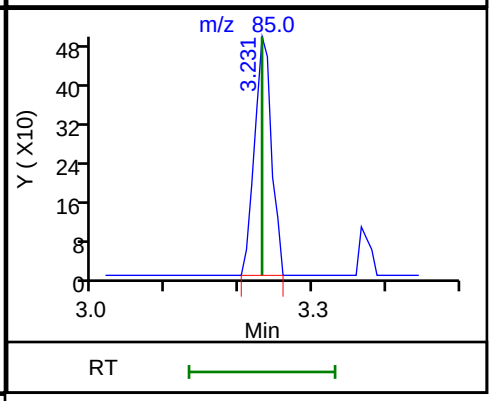
52 Chloroform, CAS: 67-66-3

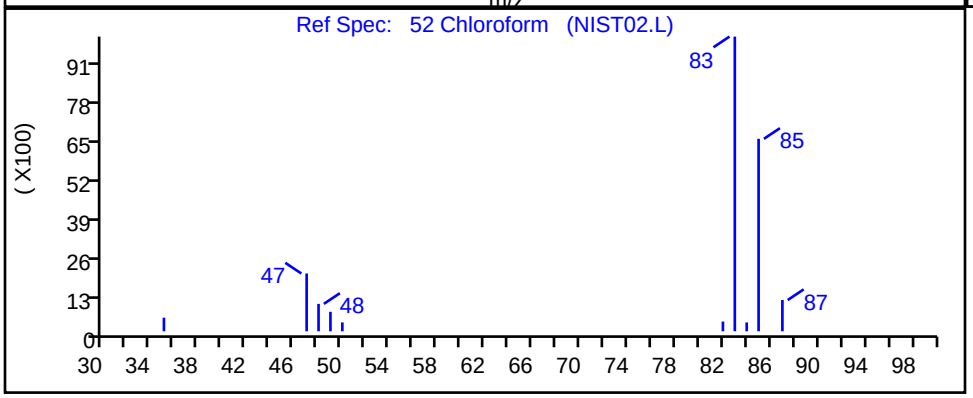
Processing Results











RT	Mass	Response	Amount
3.23	83.00	1249	0.296863
3.23	85.00	793	

Reviewer: delpolitov, 23-Sep-2020 08:29:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

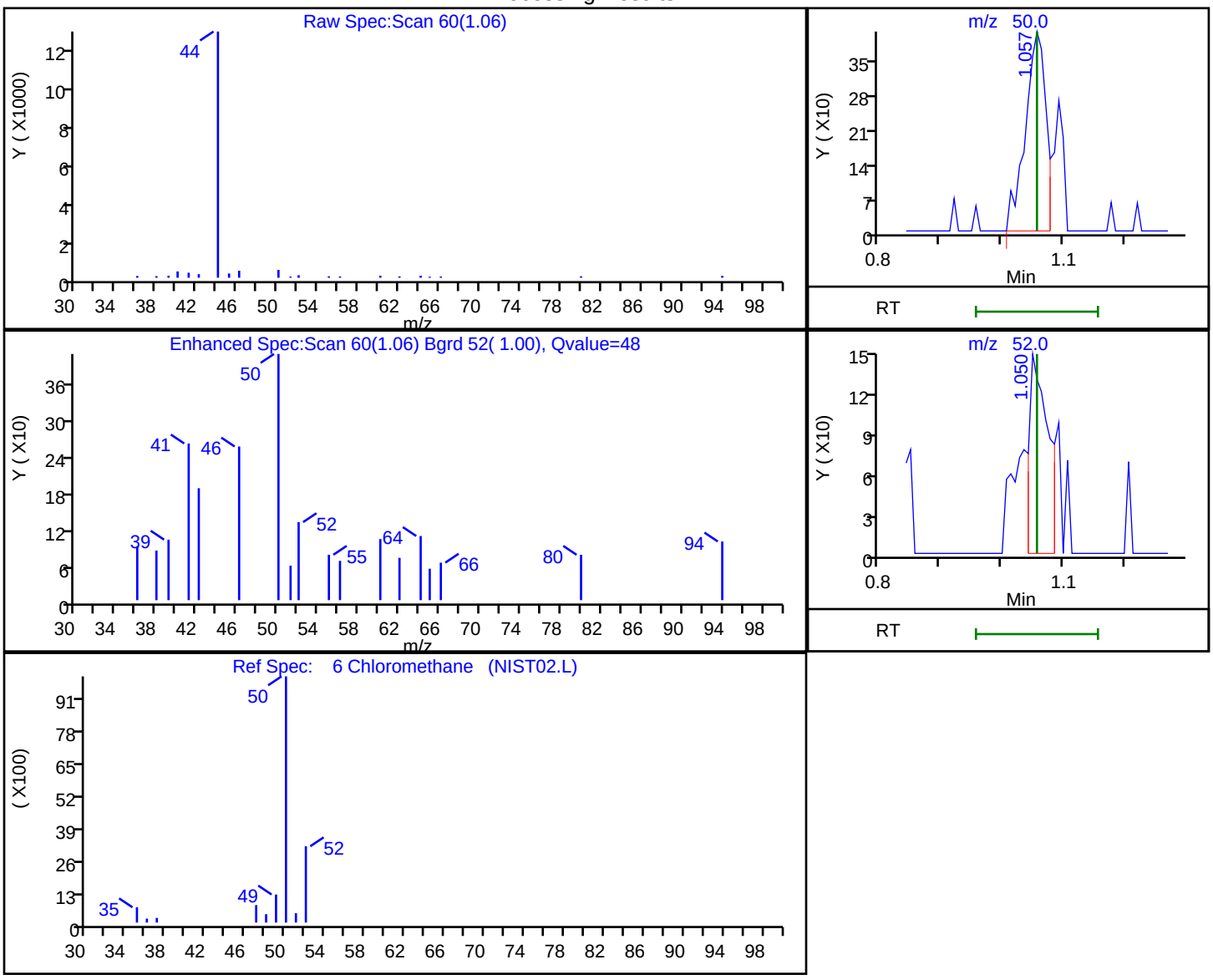
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
1.06	50.00	958	0.268905
1.05	52.00	316	

Reviewer: delpolitov, 23-Sep-2020 08:29:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

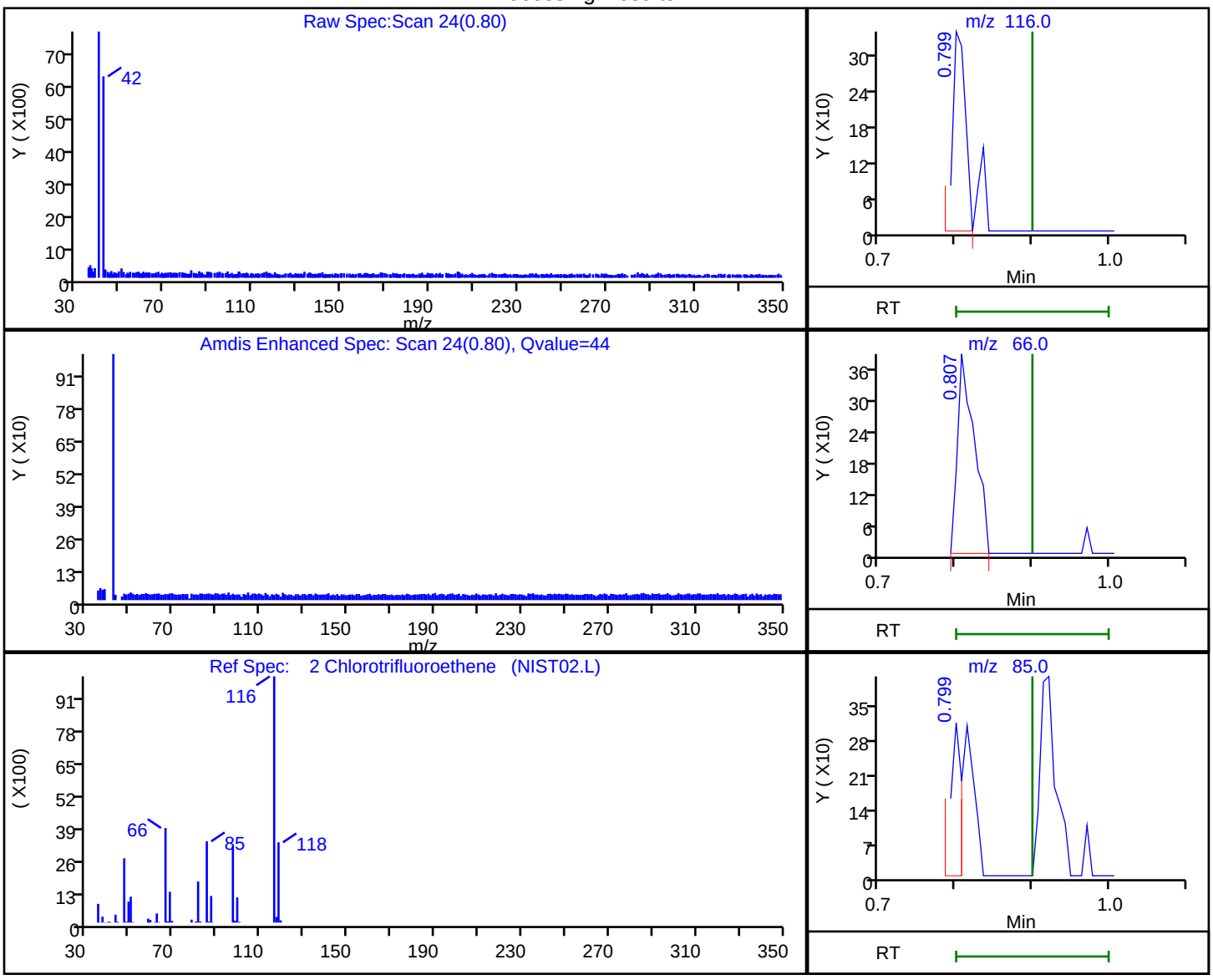
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.80	116.00	375	0.304624
0.81	66.00	598	
0.80	85.00	286	
0.81	118.00	503	

Reviewer: delpolitov, 23-Sep-2020 08:29:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

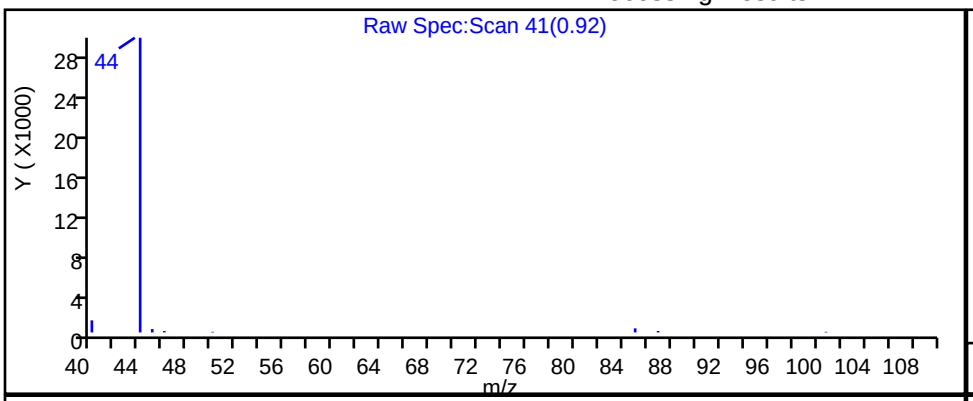
User Disabled Compound Report

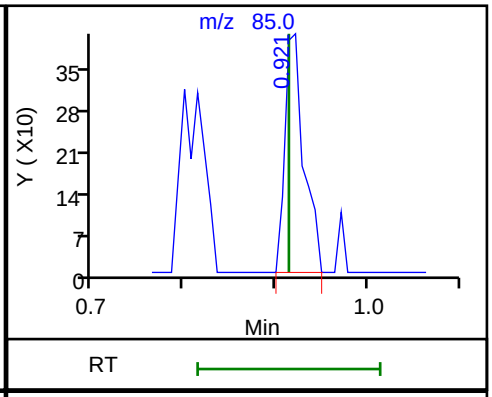
Eurofins TestAmerica, Edison

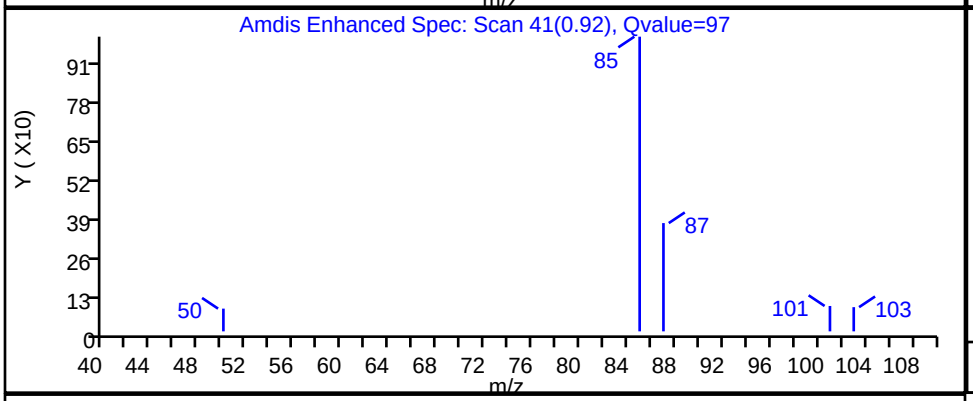
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

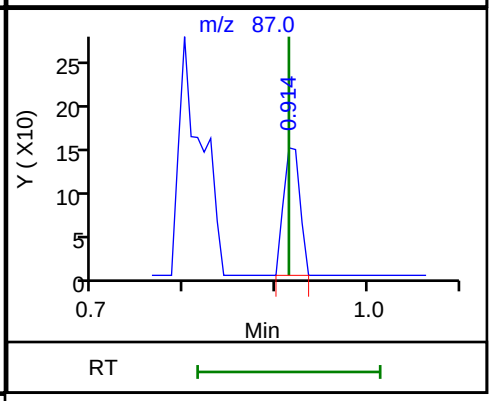
4 Dichlorodifluoromethane, CAS: 75-71-8

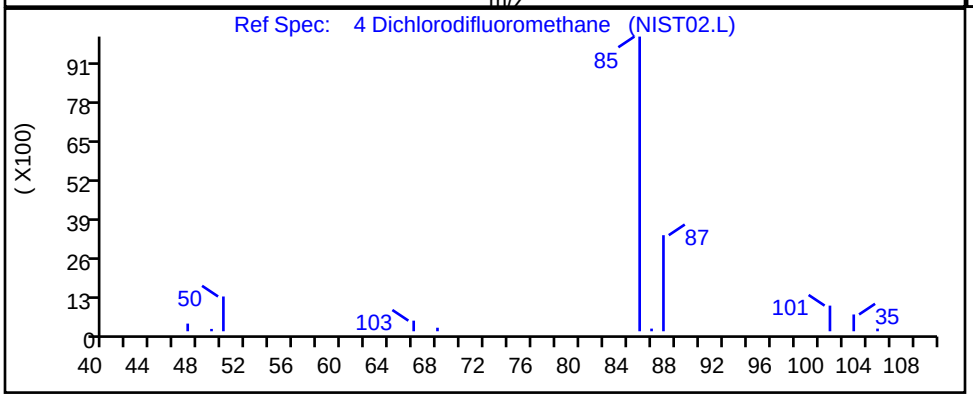
Processing Results











RT	Mass	Response	Amount
0.92	85.00	588	0.167829
0.91	87.00	186	

Reviewer: delpolitov, 23-Sep-2020 08:29:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

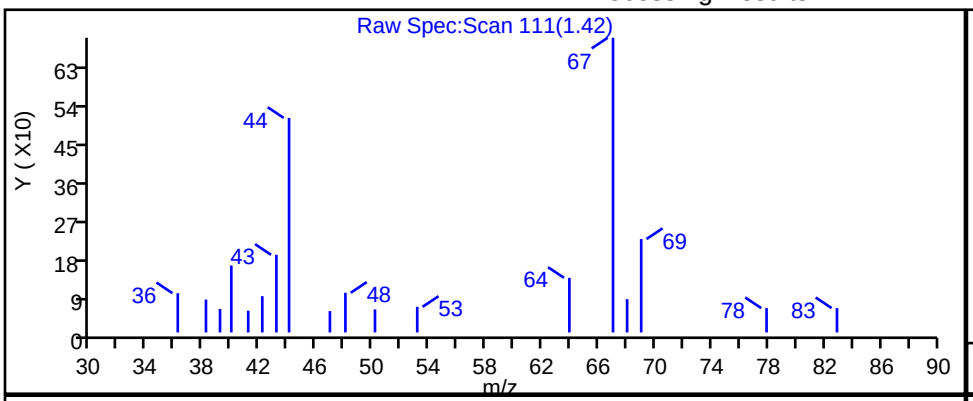
User Disabled Compound Report

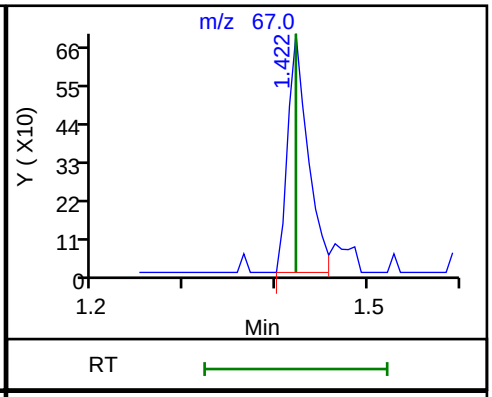
Eurofins TestAmerica, Edison

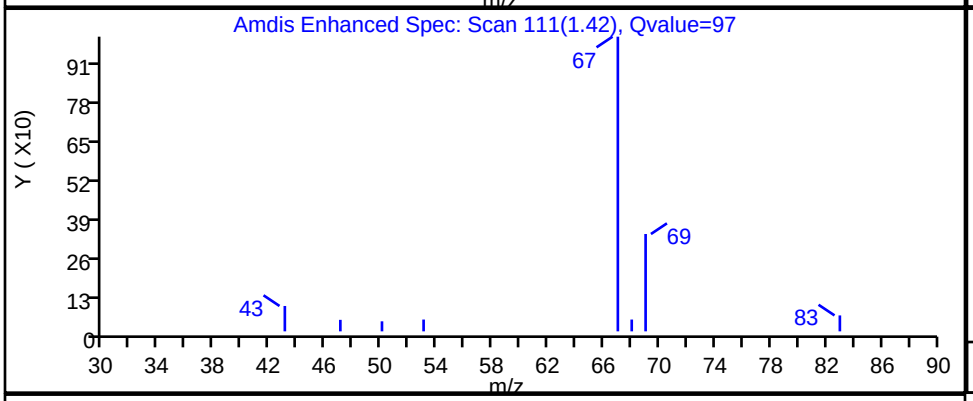
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D				
Injection Date:	21-Sep-2020 06:14:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

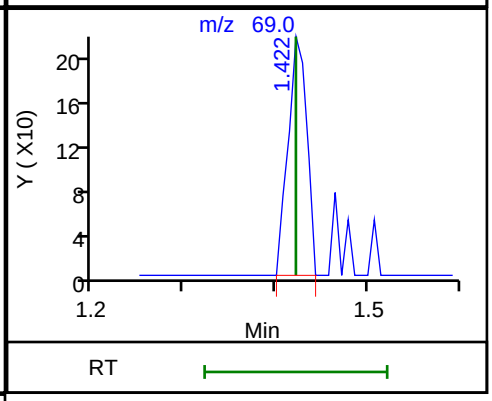
11 Dichlorofluoromethane, CAS: 75-43-4

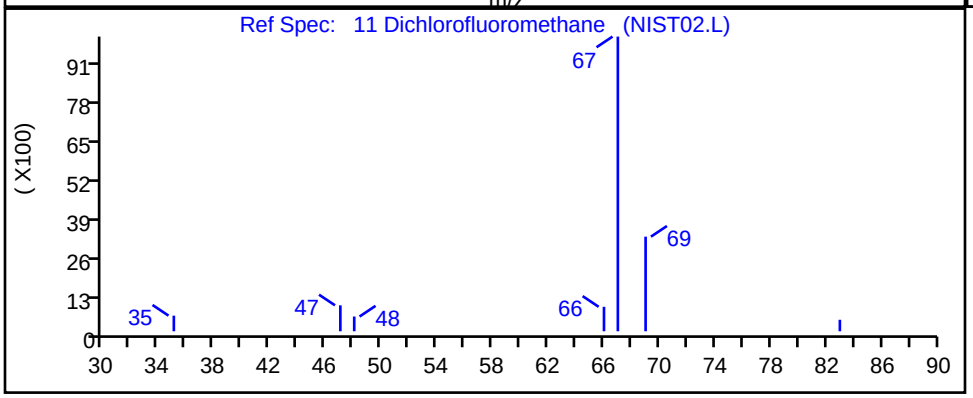
Processing Results











RT	Mass	Response	Amount
1.42	67.00	1054	0.246602
1.42	69.00	311	

Reviewer: delpolitov, 23-Sep-2020 08:29:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

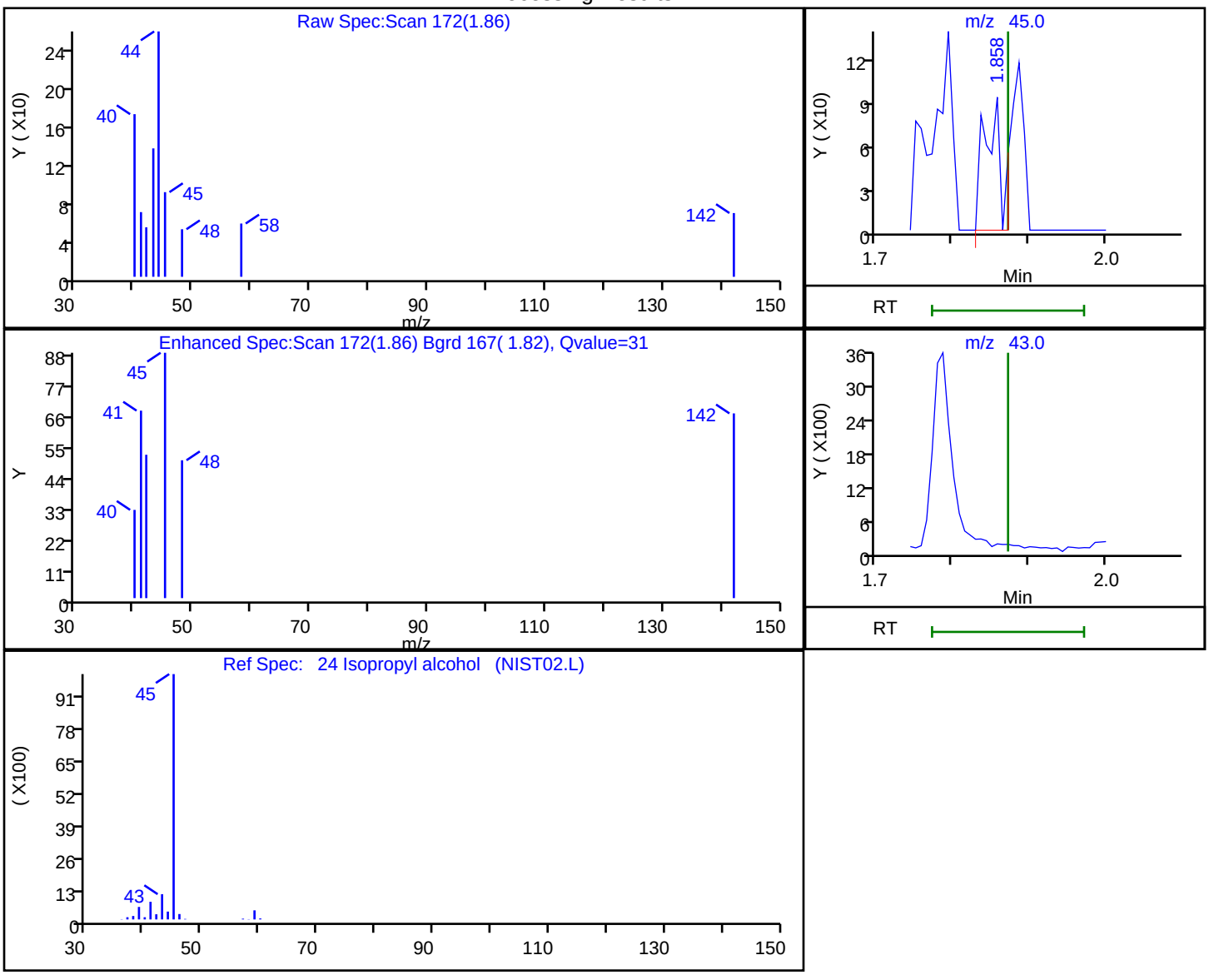
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

24 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.86	45.00	140	1.056982
1.87	43.00	0	

Reviewer: delpolitov, 23-Sep-2020 08:29:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

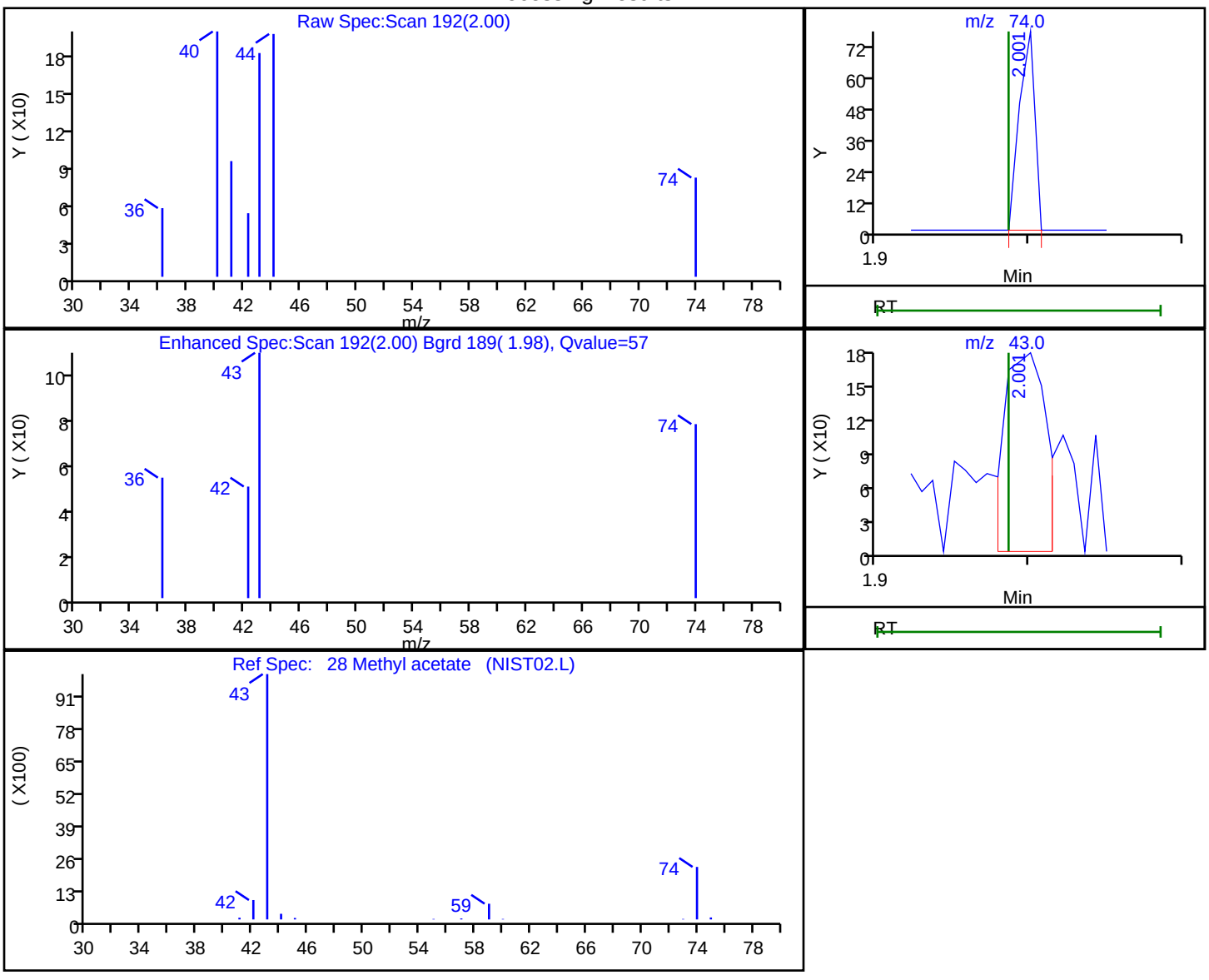
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

28 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
2.00	74.00	55	0.144981
2.00	43.00	344	

Reviewer: delpolitov, 23-Sep-2020 08:29:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

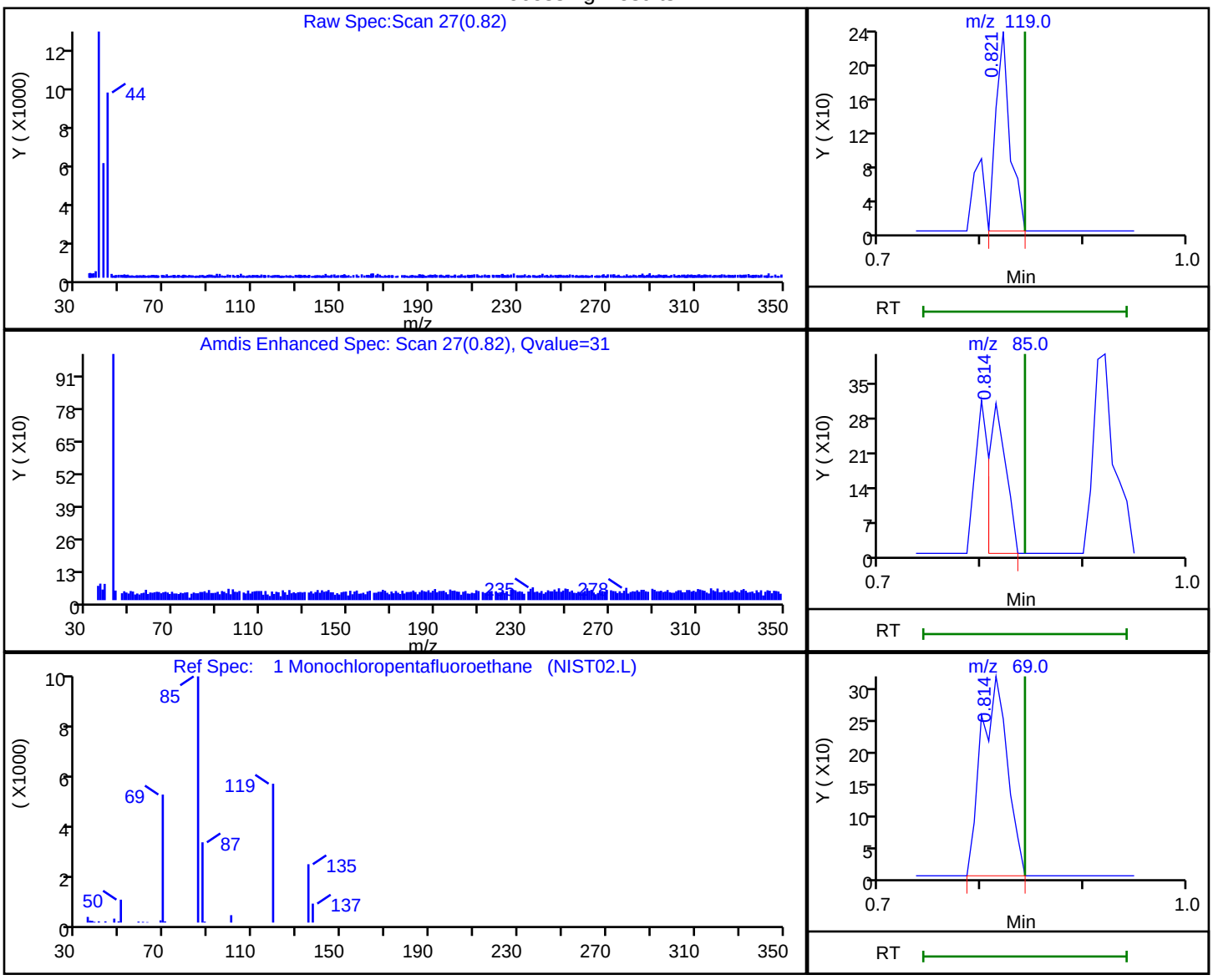
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.82	119.00	230	1.682849
0.81	85.00	356	
0.81	69.00	562	
0.82	135.00	304	

Reviewer: delpolitov, 23-Sep-2020 08:29:01
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

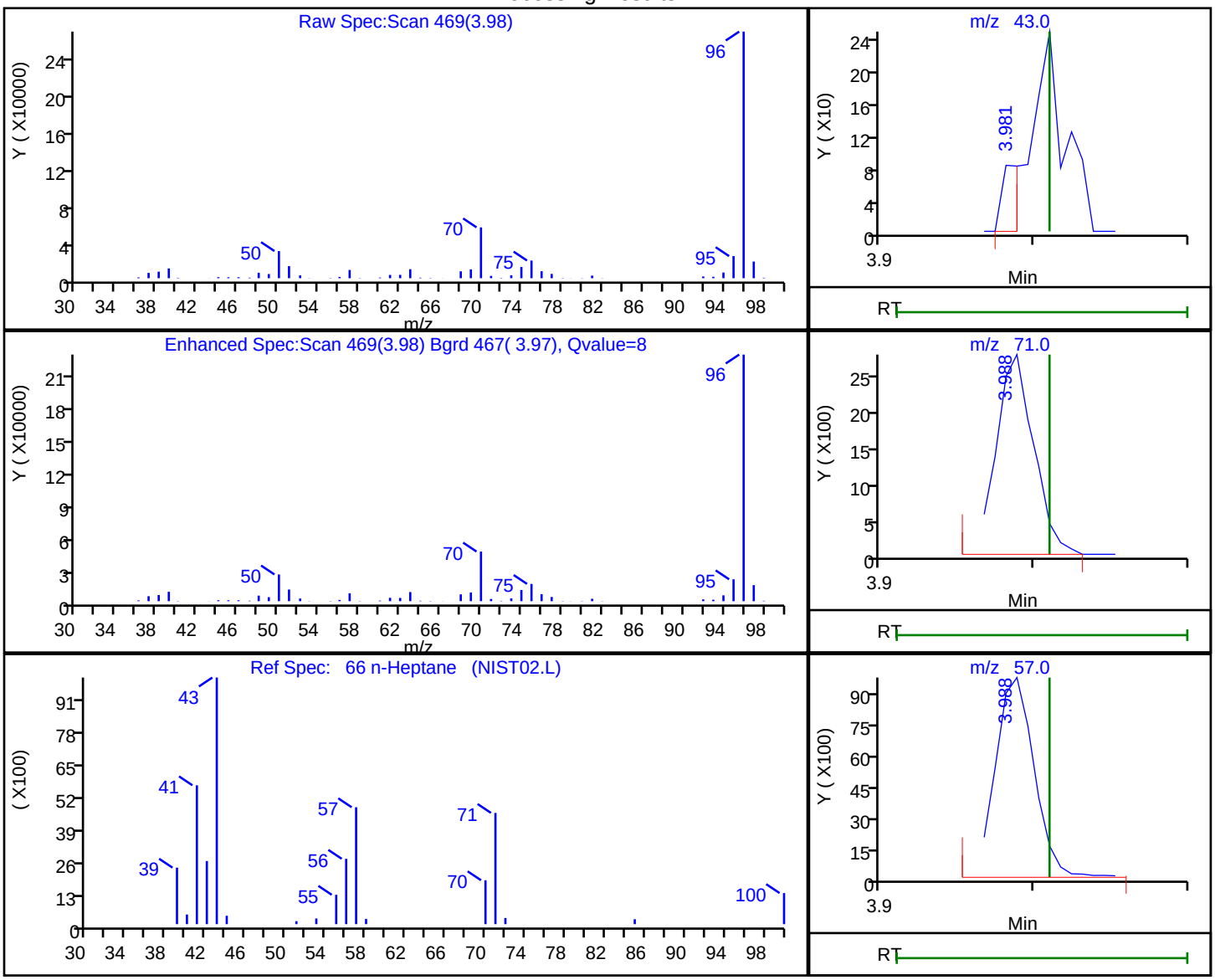
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.98	43.00	69	0.020822
3.99	71.00	4776	
3.99	57.00	17359	

Reviewer: delpolitov, 23-Sep-2020 08:29:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

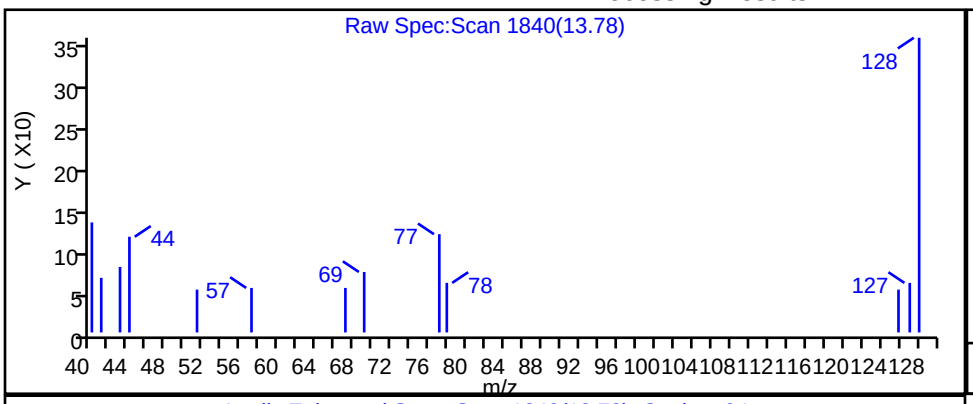
User Disabled Compound Report

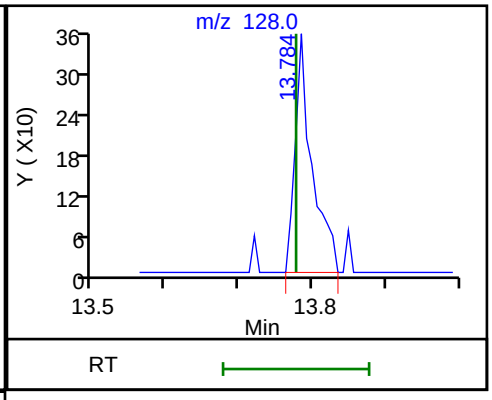
Eurofins TestAmerica, Edison

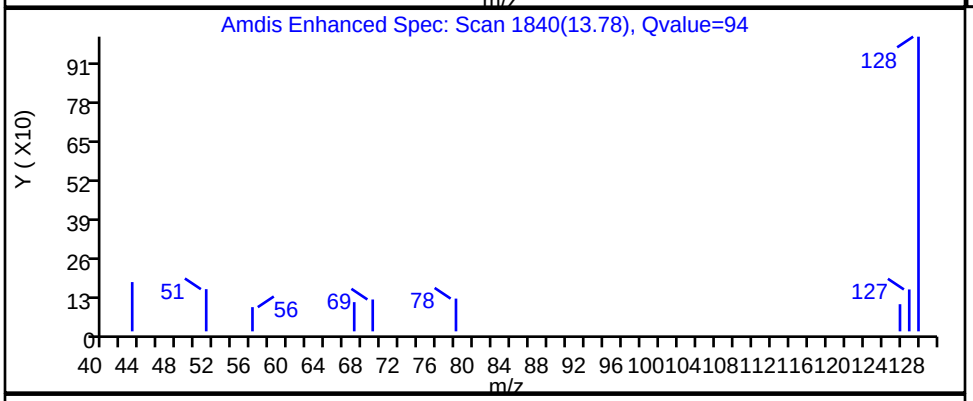
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D				
Injection Date:	21-Sep-2020 06:14:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

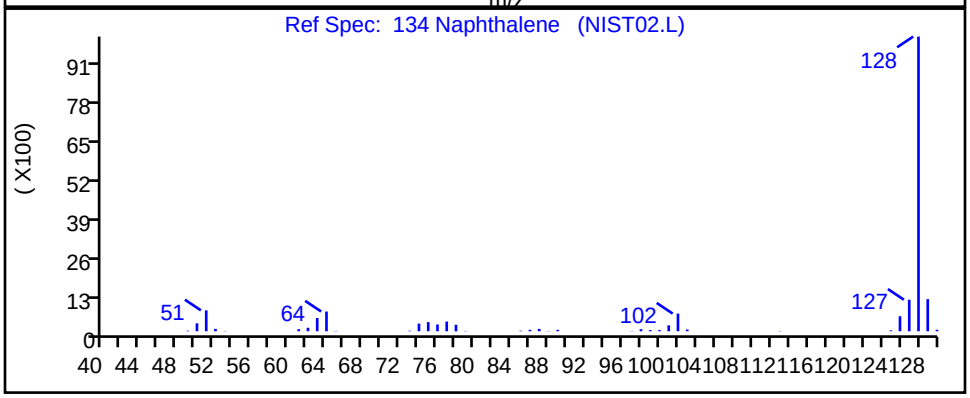
134 Naphthalene, CAS: 91-20-3

Processing Results









RT	Mass	Response	Amount
13.78	128.00	563	0.120358

Reviewer: delpolitov, 23-Sep-2020 08:29:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

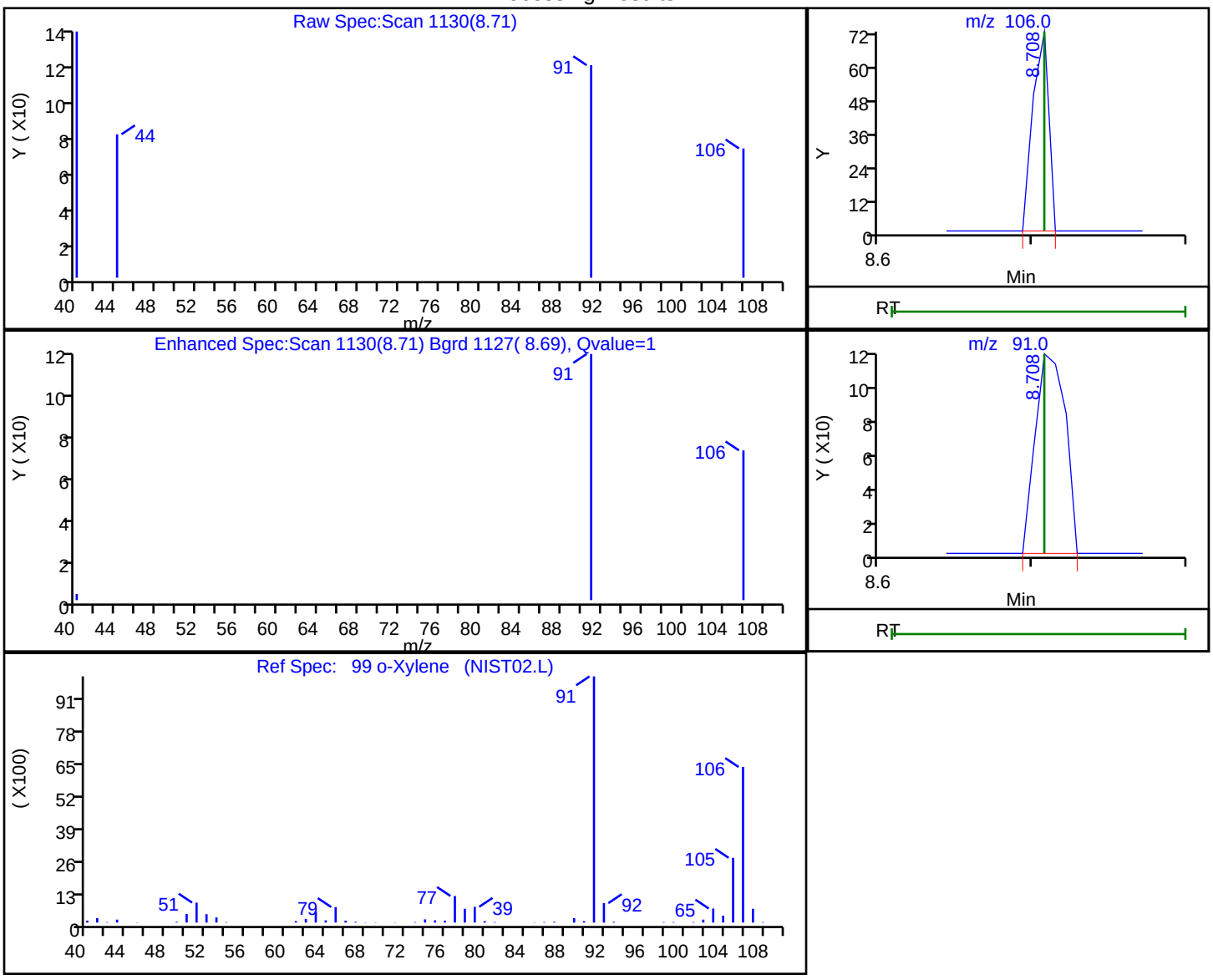
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
8.71	106.00	53	0.010962
8.71	91.00	163	

Reviewer: delpolitov, 23-Sep-2020 08:29:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

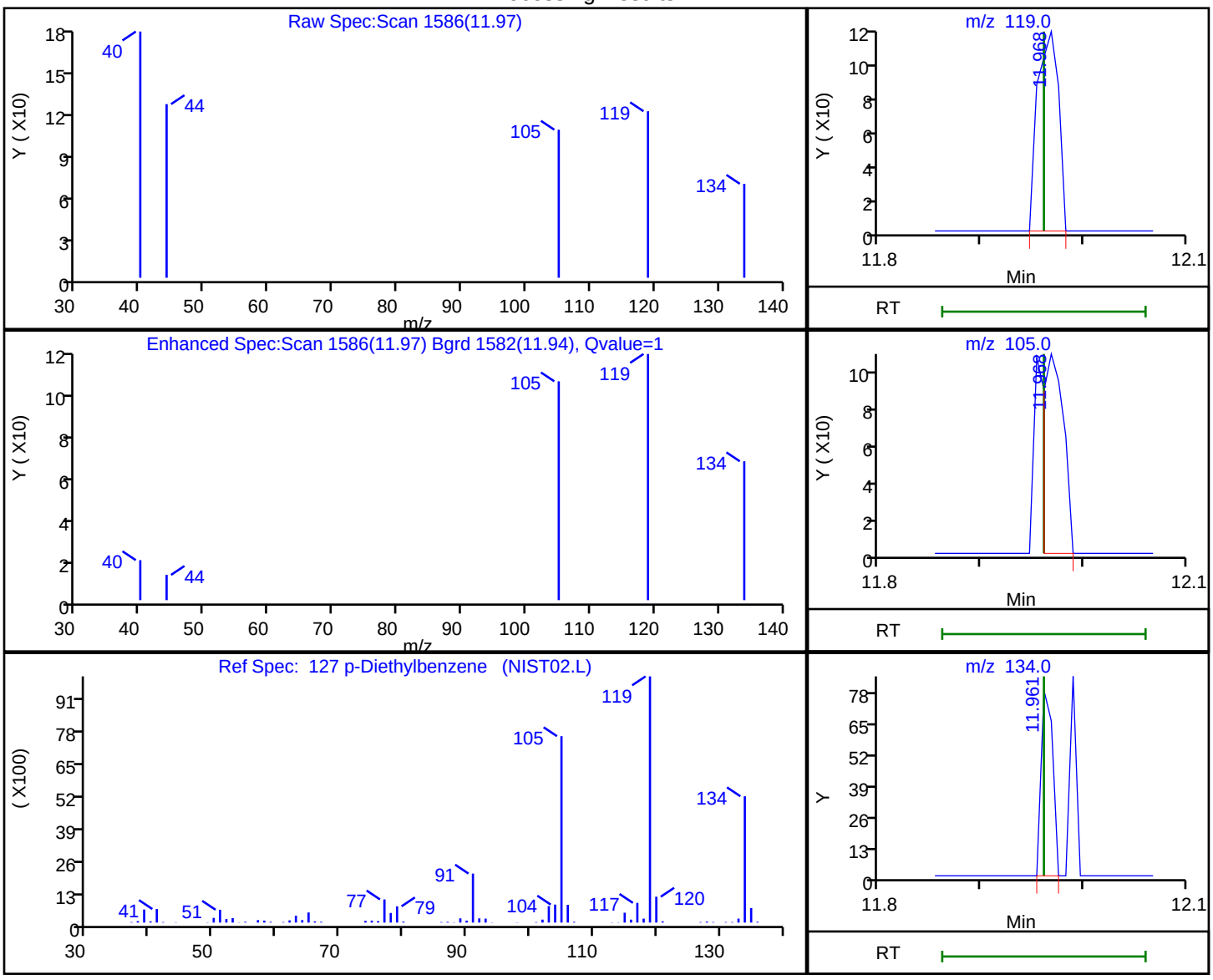
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D				
Injection Date:	21-Sep-2020 06:14:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

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

Processing Results



RT	Mass	Response	Amount
11.97	119.00	167	0.033009
11.97	105.00	146	
11.96	134.00	62	

Reviewer: delpolitov, 23-Sep-2020 08:29:32

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

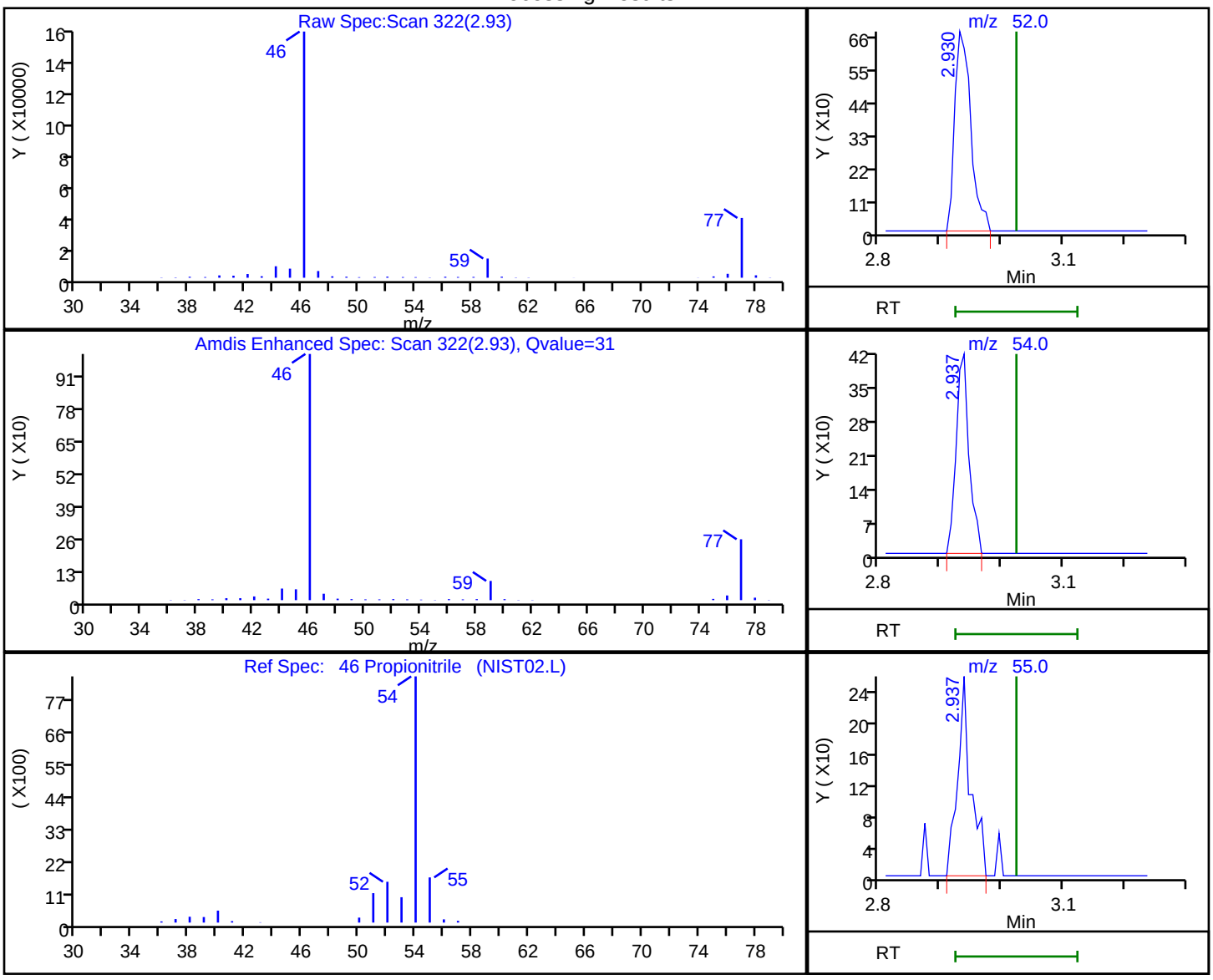
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.93	52.00	1234	21.608111
2.94	54.00	608	
2.94	55.00	390	

Reviewer: delpolitov, 23-Sep-2020 08:29:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

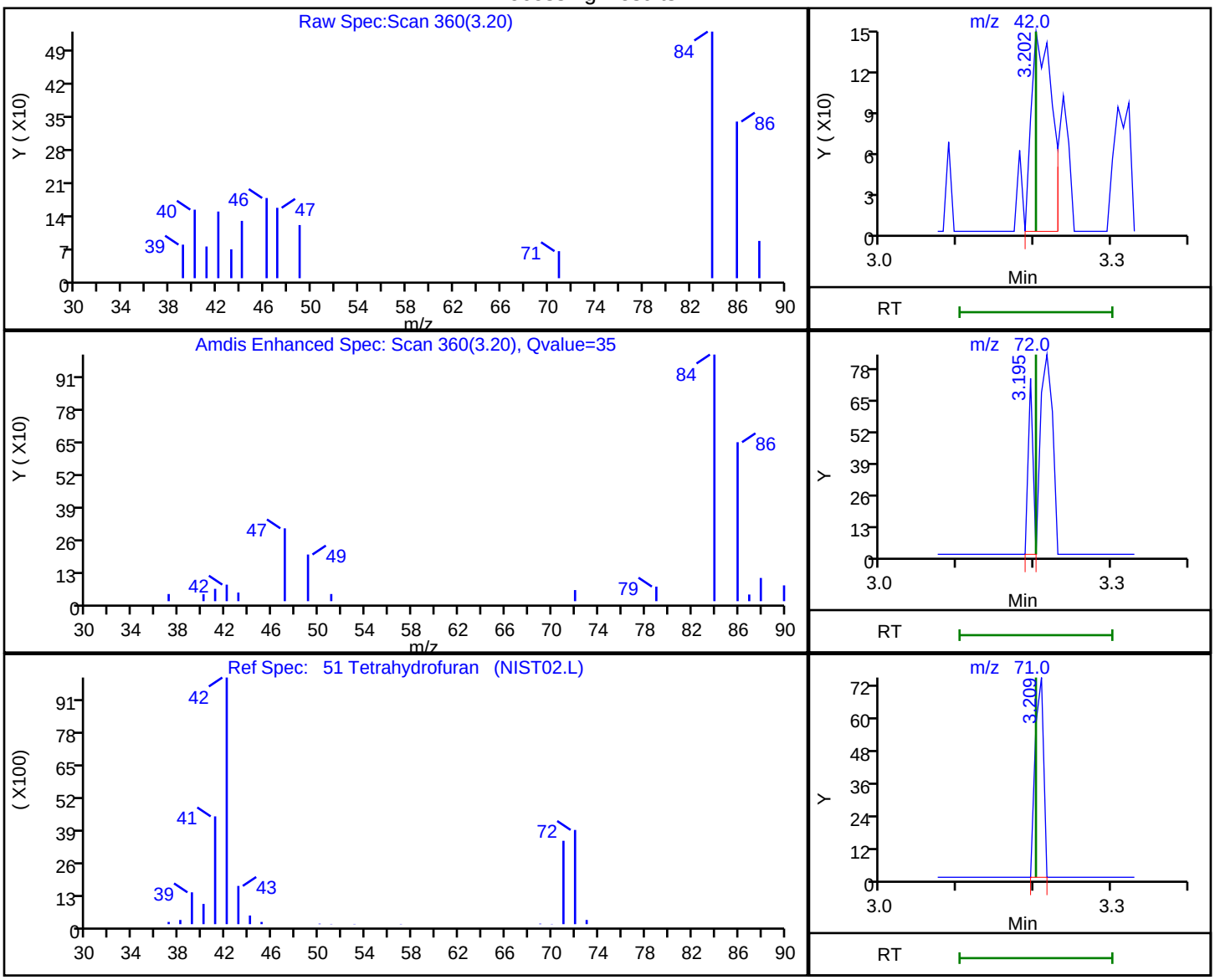
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

51 Tetrahydrofuran, CAS: 109-99-9

Processing Results



RT	Mass	Response	Amount
3.20	42.00	268	0.363905
3.19	72.00	32	
3.21	71.00	57	

Reviewer: delpolitov, 23-Sep-2020 08:29:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

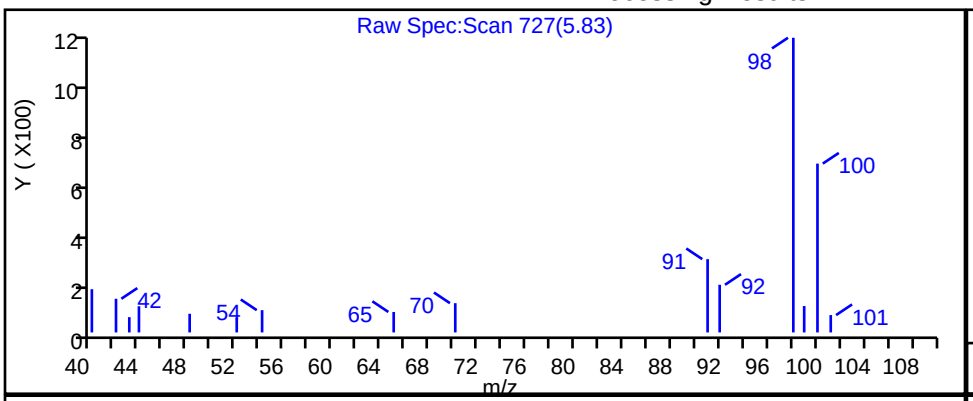
User Disabled Compound Report

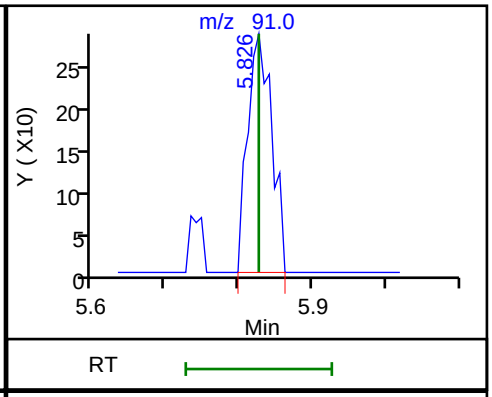
Eurofins TestAmerica, Edison

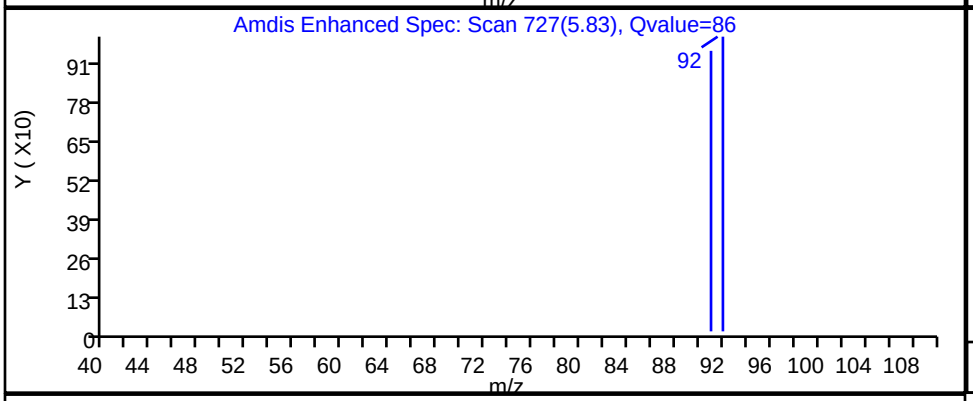
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

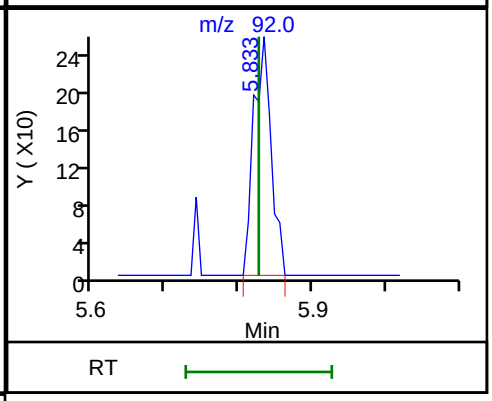
84 Toluene, CAS: 108-88-3

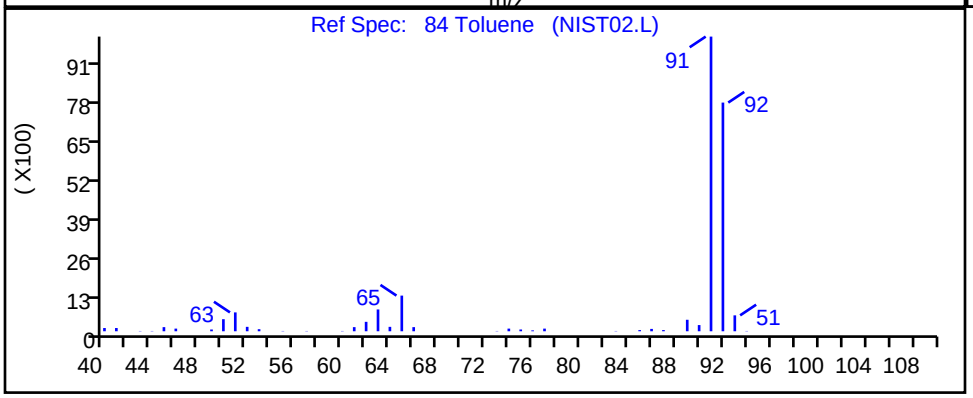
Processing Results











RT	Mass	Response	Amount
5.83	91.00	649	0.060266
5.83	92.00	420	

Reviewer: delpolitov, 23-Sep-2020 08:29:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

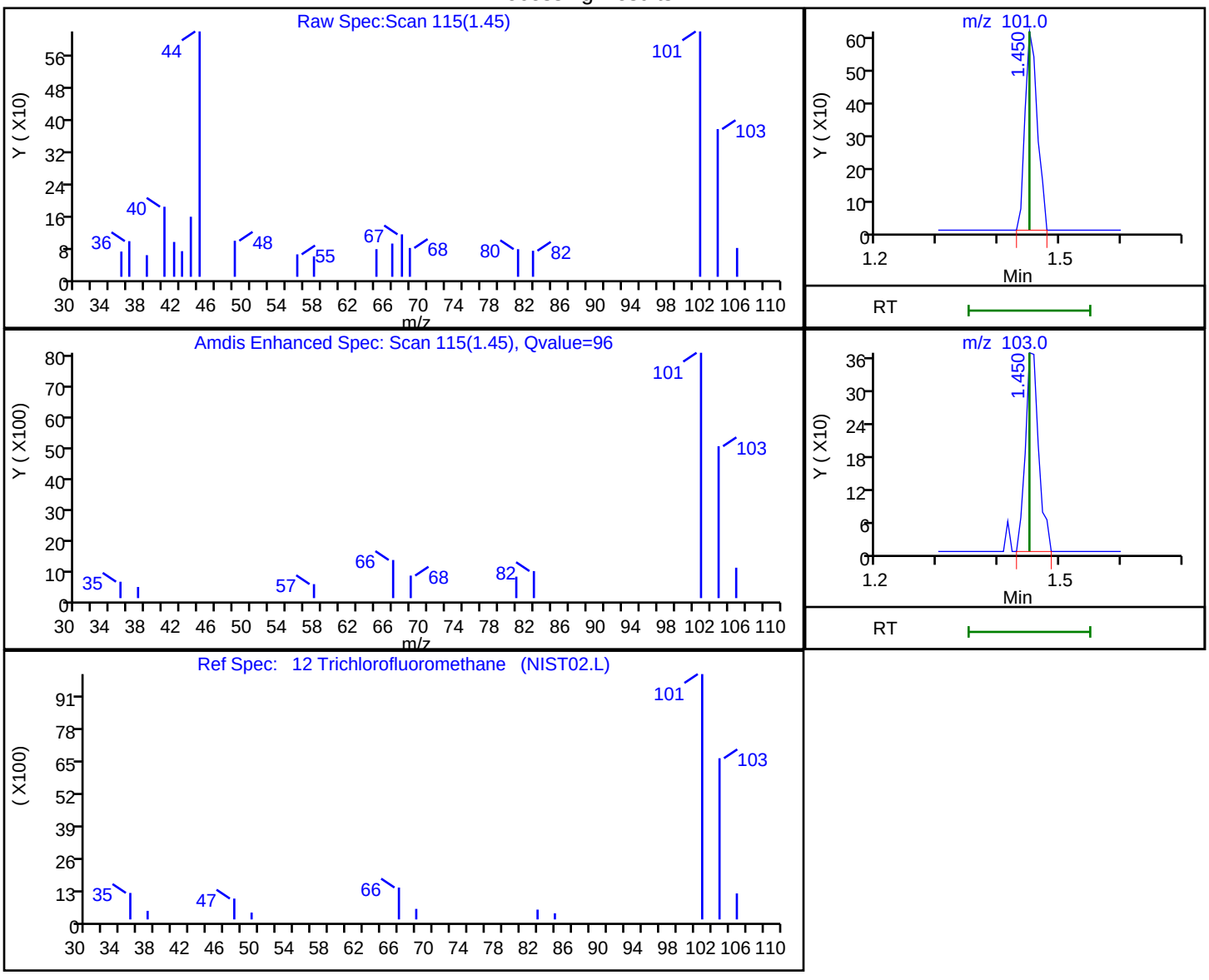
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D
Injection Date: 21-Sep-2020 06:14:30 Instrument ID: CVOAMS12
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.45	101.00	864	0.271444
1.45	103.00	562	

Reviewer: delpolitov, 23-Sep-2020 08:29:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

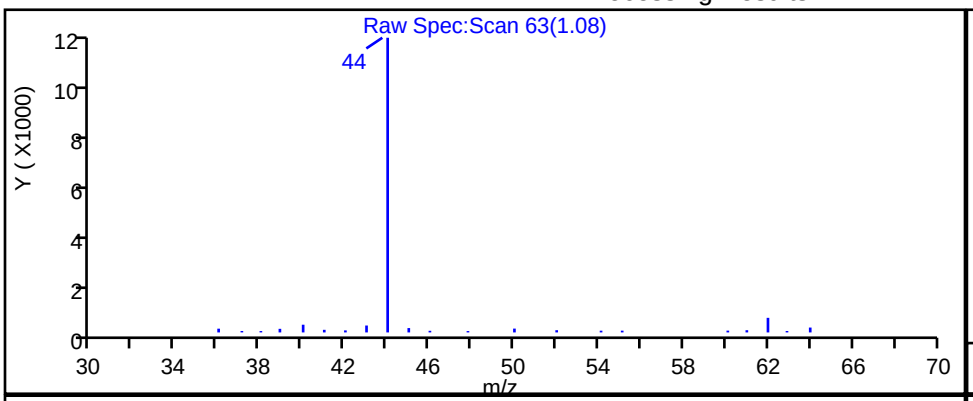
User Disabled Compound Report

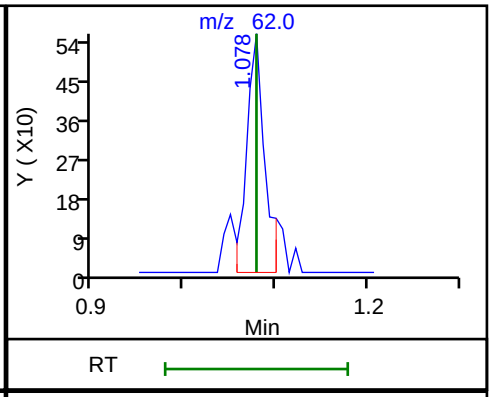
Eurofins TestAmerica, Edison

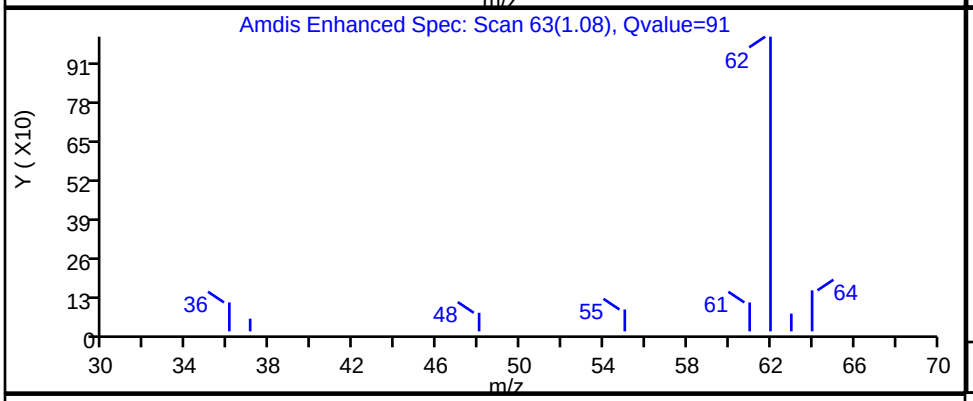
Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63462.D				
Injection Date:	21-Sep-2020 06:14:30	Instrument ID:	CVOAMS12		
Lims ID:	STD7				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

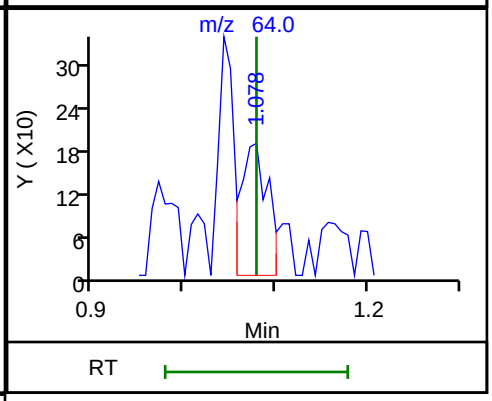
7 Vinyl chloride, CAS: 75-01-4

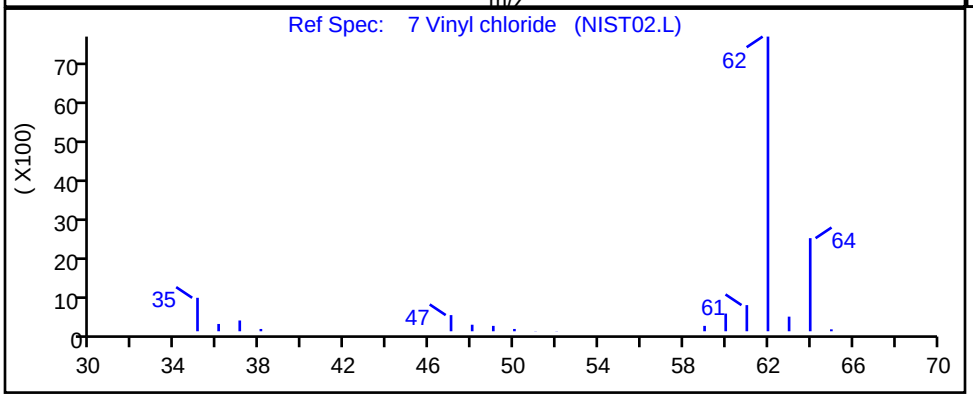
Processing Results











RT	Mass	Response	Amount
1.08	62.00	764	0.225031
1.08	64.00	393	

Reviewer: delpolitov, 23-Sep-2020 08:29:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Sep-2020 07:04:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0117085-005
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:03:11 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: martineze Date: 21-Sep-2020 08:21:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.835	0.842	-0.007	30	79	1.00	0.9751	a
2 Chlorotrifluoroethene	116	0.900	0.899	0.001	83	976	1.00	0.7999	
4 Dichlorodifluoromethane	85	0.921	0.914	0.007	98	2813	1.00	0.7876	
3 1,1-Difluoroethane	65	0.935	0.942	-0.007	84	1661	1.00	1.02	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	95	598	1.00	1.13	
6 Chloromethane	50	1.064	1.057	0.007	87	3271	1.00	0.9621	
7 Vinyl chloride	62	1.078	1.078	0.000	96	3219	1.00	0.9649	
8 Butadiene	54	1.093	1.093	0.000	94	2778	1.00	0.9333	
9 Bromomethane	94	1.257	1.257	0.000	91	2156	1.00	1.15	
10 Chloroethane	64	1.314	1.307	0.007	98	1518	1.00	0.8471	
11 Dichlorofluoromethane	67	1.422	1.421	0.001	96	4021	1.00	0.9712	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	96	2938	1.00	0.9192	
13 Pentane	72	1.500	1.500	0.000	96	803	2.00	1.82	
14 Ethanol	46	1.572	1.579	-0.007	50	486	40.0	37.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	90	1968	1.00	1.03	
15 Ethyl ether	59	1.622	1.622	0.000	94	2286	1.00	1.10	
17 2-Methyl-1,3-butadiene	53	1.636	1.629	0.007	94	2402	1.00	1.08	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.658	1.657	0.001	94	3657	1.00	1.11	
19 Acrolein	56	1.693	1.686	0.007	35	269	4.00	4.98	
20 1,1-Dichloroethene	96	1.751	1.750	0.001	98	2320	1.00	1.06	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.757	0.001	94	2333	1.00	1.04	
22 Acetone	58	1.786	1.779	0.007	86	1835	5.00	4.88	
23 Iodomethane	127	1.844	1.843	0.001	97	1084	1.00	0.9475	
24 Isopropyl alcohol	45	1.872	1.872	0.000	24	1395	10.0	10.5	
25 Carbon disulfide	76	1.879	1.879	0.000	99	8805	1.00	1.22	
27 Acetonitrile	38	1.972	1.972	0.000	80	1000	10.0	11.7	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	93	1676	1.00	0.5367	
28 Methyl acetate	74	1.994	1.986	0.008	100	786	2.00	2.06	
29 Cyclopentene	67	2.029	2.029	0.000	96	6893	1.00	1.10	
30 Methylene Chloride	84	2.051	2.051	0.000	93	3063	1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.080	2.079	0.001	100	217497	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.130	2.129	0.001	98	2769	10.0	11.8	
33 Acrylonitrile	53	2.208	2.208	0.000	96	7693	10.0	10.3	
34 trans-1,2-Dichloroethene	96	2.230	2.229	0.001	93	2725	1.00	1.11	
35 Methyl tert-butyl ether	73	2.237	2.237	0.000	98	7709	1.00	1.10	
36 Hexane	57	2.430	2.430	0.000	94	3563	1.00	0.9359	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	99	5105	1.00	1.11	
38 Vinyl acetate	86	2.573	2.573	0.000	100	1026	2.00	1.89	
39 Isopropyl ether	45	2.594	2.594	0.000	89	9622	1.00	1.14	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	89	2770	1.00	1.13	
41 Tert-butyl ethyl ether	59	2.866	2.866	0.000	89	9035	1.00	1.09	
* 42 2-Butanone-d5	46	2.930	2.930	0.000	98	268304	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	95	2787	1.00	1.03	
43 2,2-Dichloropropane	97	2.959	2.966	-0.007	65	840	1.00	1.01	
45 2-Butanone (MEK)	72	2.988	2.980	0.008	100	1384	5.00	4.97	
46 Propionitrile	52	3.023	3.023	0.000	95	529	10.0	9.20	
47 Ethyl acetate	70	3.045	3.045	0.000	98	616	2.00	2.23	
48 Methyl acrylate	55	3.073	3.066	0.007	99	2434	1.00	1.05	
49 Methacrylonitrile	67	3.152	3.152	0.000	92	10488	10.0	11.0	
50 Chlorobromomethane	128	3.159	3.159	0.000	93	1276	1.00	1.03	
51 Tetrahydrofuran	42	3.209	3.202	0.007	63	1686	2.00	2.31	
52 Chloroform	83	3.231	3.230	0.001	97	4665	1.00	1.15	
$ 53 Dibromofluoromethane (Surr)	113	3.367	3.366	0.001	97	123009	50.0	50.5	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	98	3721	1.00	1.08	
55 Cyclohexane	84	3.438	3.438	0.000	92	3940	1.00	1.03	
56 Carbon tetrachloride	117	3.531	3.531	0.000	71	2557	1.00	0.9635	
57 1,1-Dichloropropene	75	3.538	3.531	0.007	95	3804	1.00	1.09	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.660	3.659	0.001	0	139989	50.0	51.0	
59 Isobutyl alcohol	43	3.681	3.674	0.007	92	2421	25.0	22.8	a
60 Benzene	78	3.717	3.717	0.000	97	11140	1.00	1.15	
61 1,2-Dichloroethane	62	3.731	3.731	0.000	95	3622	1.00	1.18	
62 Isooctane	57	3.817	3.817	0.000	87	7254	1.00	0.9731	
63 Isopropyl acetate	61	3.831	3.824	0.007	90	1018	1.00	1.07	
64 Tert-amyl methyl ether	73	3.846	3.845	0.001	96	7727	1.00	1.06	
* 65 Fluorobenzene	96	3.989	3.988	0.001	99	526116	50.0	50.0	
66 n-Heptane	43	4.010	4.010	0.000	91	3154	1.00	0.9873	a
67 n-Butanol	56	4.360	4.339	0.021	41	1497	25.0	21.0	
68 Trichloroethene	95	4.360	4.353	0.007	97	2571	1.00	1.00	
69 Ethyl acrylate	55	4.518	4.510	0.008	97	2754	1.00	0.8463	
70 Methylcyclohexane	83	4.561	4.553	0.008	91	4179	1.00	0.9320	
71 1,2-Dichloropropane	63	4.582	4.582	0.000	94	2867	1.00	1.04	
* 72 1,4-Dioxane-d8	96	4.697	4.696	0.000	0	27967	1000.0	1000.0	
73 Dibromomethane	93	4.704	4.703	0.001	26	1538	1.00	1.05	
74 1,4-Dioxane	88	4.761	4.753	0.008	40	1697	50.0	55.8	
75 Methyl methacrylate	100	4.761	4.761	0.000	91	1428	2.00	1.97	
76 n-Propyl acetate	43	4.847	4.846	0.001	100	4039	1.00	1.12	
77 Dichlorobromomethane	83	4.897	4.896	0.001	98	3050	1.00	0.9716	
78 2-Nitropropane	41	5.154	5.154	0.000	98	752	2.00	1.67	
79 2-Chloroethyl vinyl ether	63	5.290	5.283	0.007	92	955	1.00	1.03	M
80 Epichlorohydrin	57	5.326	5.325	0.001	99	4652	20.0	18.4	
81 cis-1,3-Dichloropropene	75	5.426	5.426	0.000	91	4305	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	5.647	5.640	0.007	96	12243	5.00	5.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.748	5.747	0.001	100	527573	50.0	52.5	
84 Toluene	91	5.826	5.826	0.000	94	11977	1.00	1.14	
85 trans-1,3-Dichloropropene	75	6.141	6.133	0.008	95	3443	1.00	0.9356	
86 Ethyl methacrylate	69	6.320	6.319	0.001	90	3139	1.00	0.9737	
87 1,1,2-Trichloroethane	83	6.363	6.355	0.007	93	1956	1.00	1.06	
88 Tetrachloroethene	166	6.527	6.527	0.000	95	2524	1.00	1.03	
89 1,3-Dichloropropane	76	6.577	6.570	0.007	96	4066	1.00	1.04	
90 2-Hexanone	43	6.756	6.748	0.008	95	8290	5.00	4.90	
91 Chlorodibromomethane	129	6.870	6.870	0.000	96	1861	1.00	0.8770	
92 n-Butyl acetate	43	6.985	6.984	0.001	98	3929	1.00	1.06	
93 Ethylene Dibromide	107	6.992	6.991	0.001	64	2259	1.00	1.02	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	86	407178	50.0	50.0	
95 Chlorobenzene	112	7.728	7.721	0.007	97	7282	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	93	2110	1.00	0.9703	
97 Ethylbenzene	106	7.936	7.928	0.008	98	3965	1.00	1.08	
98 m-Xylene & p-Xylene	106	8.121	8.121	0.000	99	5110	1.00	1.08	
99 o-Xylene	106	8.708	8.708	0.000	93	4949	1.00	1.05	
100 Styrene	104	8.744	8.736	0.008	95	7986	1.00	1.04	
101 n-Butyl acrylate	73	8.801	8.793	0.008	98	1750	1.00	0.9667	
102 Bromoform	173	8.965	8.958	0.007	89	1083	1.00	0.8317	
103 Amyl acetate (mixed isomers)	43	9.194	9.187	0.007	92	4342	1.00	0.9507	
104 Isopropylbenzene	105	9.323	9.322	0.001	96	12900	1.00	1.10	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	87	156056	50.0	51.1	
106 Bromobenzene	156	9.709	9.709	0.000	97	2902	1.00	0.9668	
107 1,1,2,2-Tetrachloroethane	83	9.823	9.823	0.000	97	2907	1.00	0.9574	
108 1,2,3-Trichloropropane	110	9.845	9.844	0.001	97	769	1.00	0.9315	
109 trans-1,4-Dichloro-2-butene	53	9.938	9.930	0.008	83	706	1.00	0.8688	
110 N-Propylbenzene	91	9.995	9.987	0.008	99	14692	1.00	1.05	
111 2-Chlorotoluene	91	10.066	10.066	0.000	97	9565	1.00	1.11	
112 4-Ethyltoluene	105	10.195	10.195	0.000	99	11899	1.00	1.02	
113 4-Chlorotoluene	91	10.259	10.252	0.007	96	9665	1.00	1.12	
114 1,3,5-Trimethylbenzene	105	10.317	10.309	0.008	91	9391	1.00	1.06	
115 Butyl Methacrylate	87	10.595	10.595	0.000	90	3139	1.00	0.8828	
116 tert-Butylbenzene	119	10.831	10.831	0.000	94	9369	1.00	1.07	
117 1,2,4-Trimethylbenzene	105	10.917	10.917	0.000	97	9267	1.00	1.04	
118 sec-Butylbenzene	105	11.196	11.196	0.000	99	12667	1.00	1.01	
119 1,3-Dichlorobenzene	146	11.289	11.289	0.000	95	5940	1.00	1.05	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	96	209343	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.425	11.425	0.000	94	5840	1.00	1.07	
122 4-Isopropyltoluene	119	11.446	11.446	0.000	97	10119	1.00	1.05	
123 1,2,3-Trimethylbenzene	105	11.546	11.546	0.000	98	8772	1.00	1.01	
124 Benzyl chloride	126	11.654	11.646	0.008	98	832	1.00	0.7626	
125 2,3-Dihydroindene	117	11.775	11.775	0.000	94	9932	1.00	0.9843	
126 1,2-Dichlorobenzene	146	11.911	11.911	0.000	95	5466	1.00	1.01	
127 p-Diethylbenzene	119	11.961	11.961	0.000	89	4830	1.00	0.9889	
128 n-Butylbenzene	92	11.990	11.989	0.001	97	4526	1.00	1.02	
129 1,2-Dibromo-3-Chloropropane	157	12.798	12.797	0.001	89	457	1.00	0.7548	
130 1,2,4,5-Tetramethylbenzene	119	12.819	12.819	0.000	96	4776	1.00	0.9131	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	96	2977	1.00	0.9675	
132 1,2,4-Trichlorobenzene	180	13.584	13.577	0.007	95	2343	1.00	0.9053	
133 Hexachlorobutadiene	225	13.756	13.756	0.000	92	1387	1.00	1.06	
134 Naphthalene	128	13.784	13.777	0.007	99	3852	1.00	0.8455	M

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	13.985	13.984	0.001	94	1896	1.00	0.8622	
S 137 1,2-Dichloroethene, Total	100				0		2.00	2.15	
S 138 Xylenes, Total	100				0		2.00	2.13	
S 139 Total BTEX	1				0		5.00	5.50	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added:	10.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00386	Amount Added:	10.00	Units: uL	
524freon_00027	Amount Added:	10.00	Units: uL	
14DIOXINTER_00119	Amount Added:	30.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:03:12 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D

Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12 Operator ID:

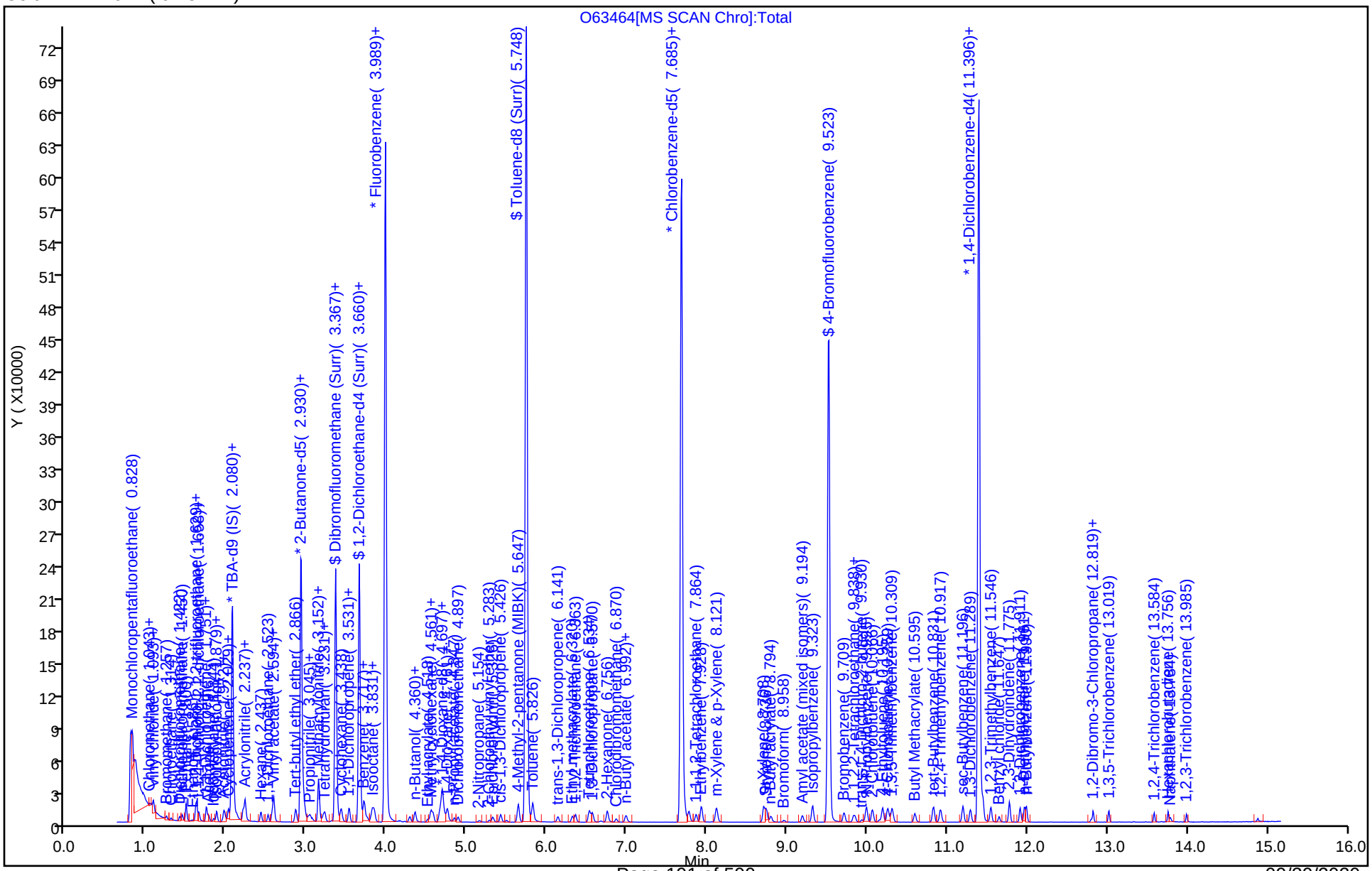
Lims ID: STD1 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

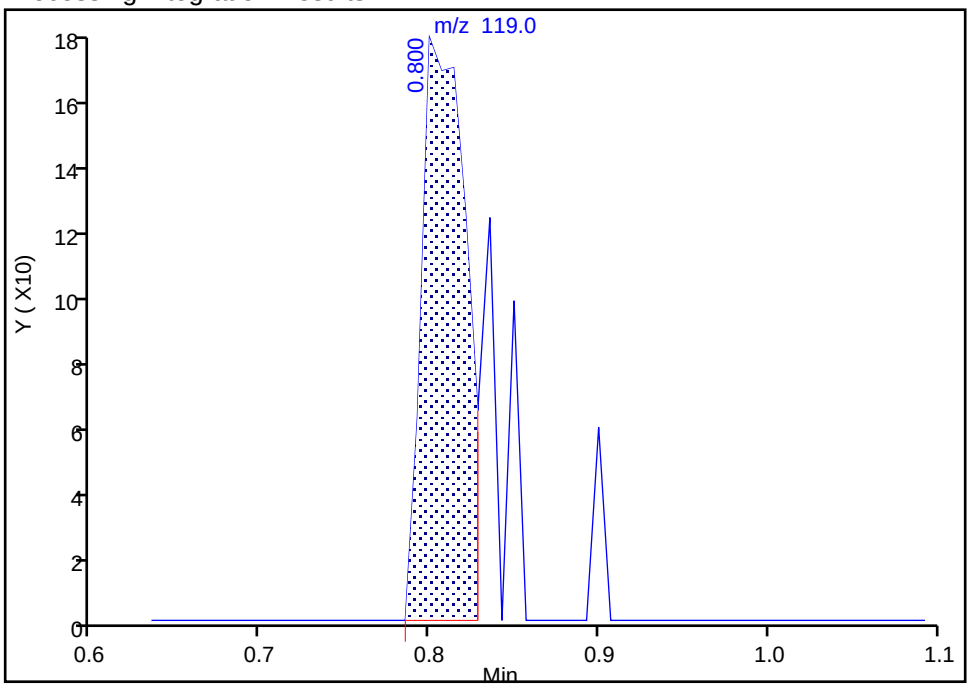
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

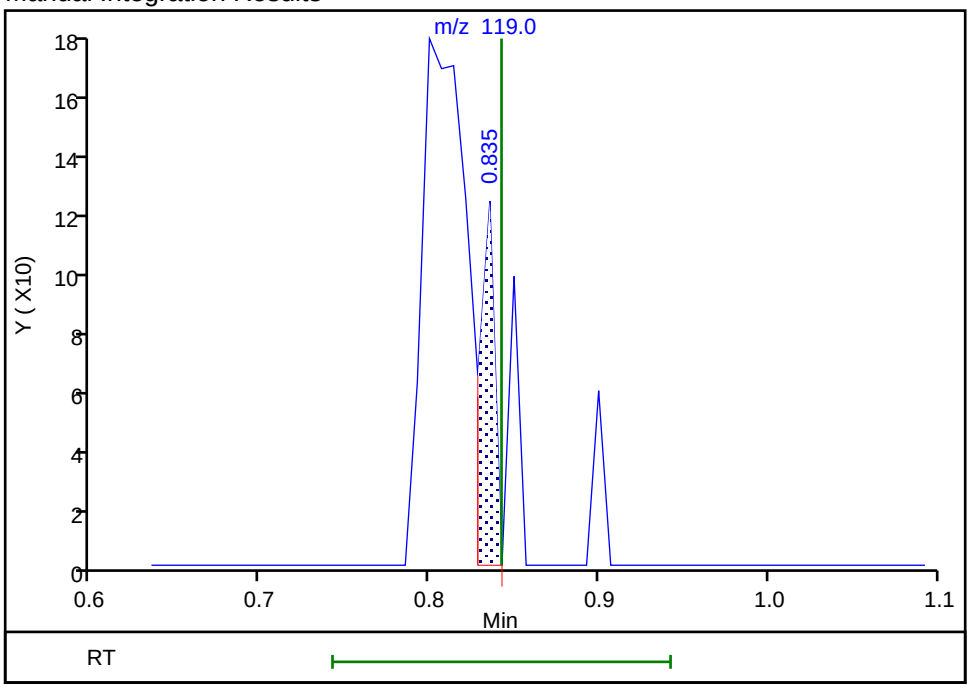
Processing Integration Results

RT: 0.80
Area: 323
Amount: 2.445144
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 79
Amount: 0.975064
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:32:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

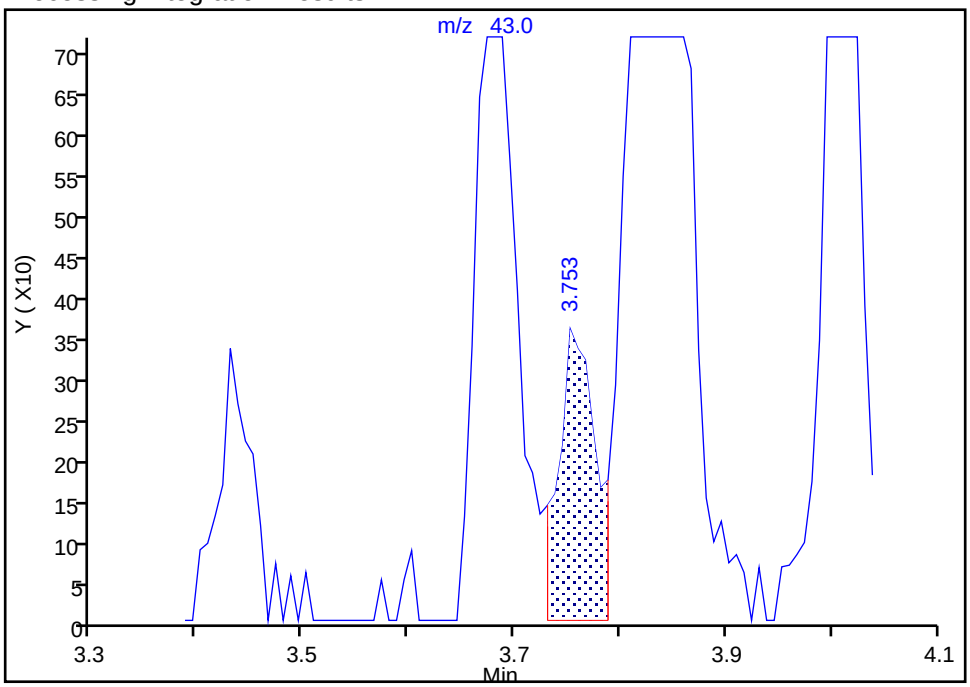
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

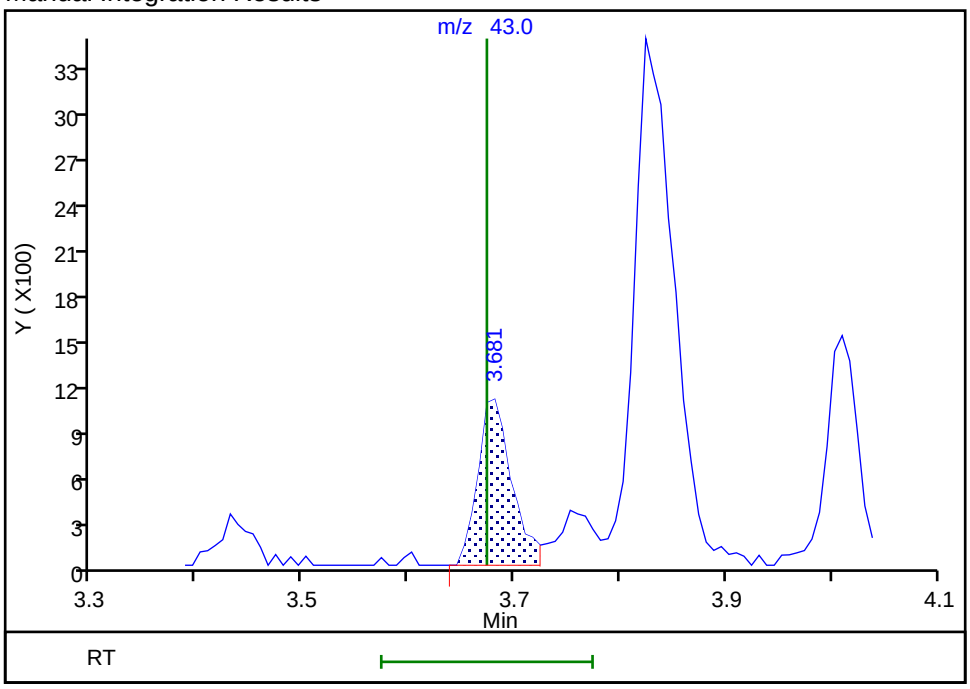
Processing Integration Results

RT: 3.75
Area: 901
Amount: 11.520840
Amount Units: ug/l



Manual Integration Results

RT: 3.68
Area: 2421
Amount: 22.840056
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:31:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

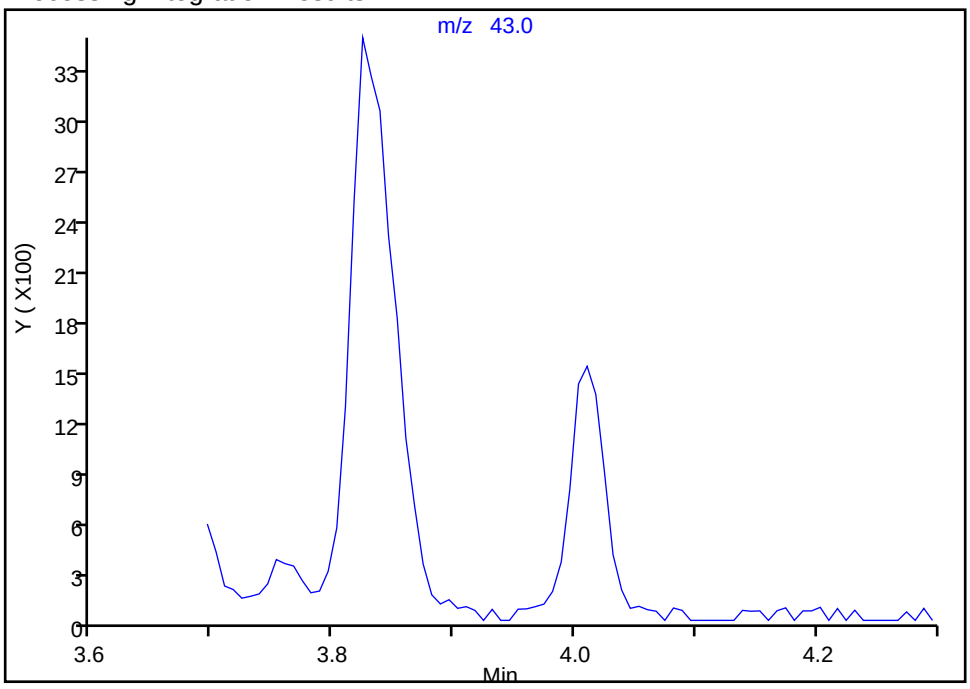
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

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

Signal: 1

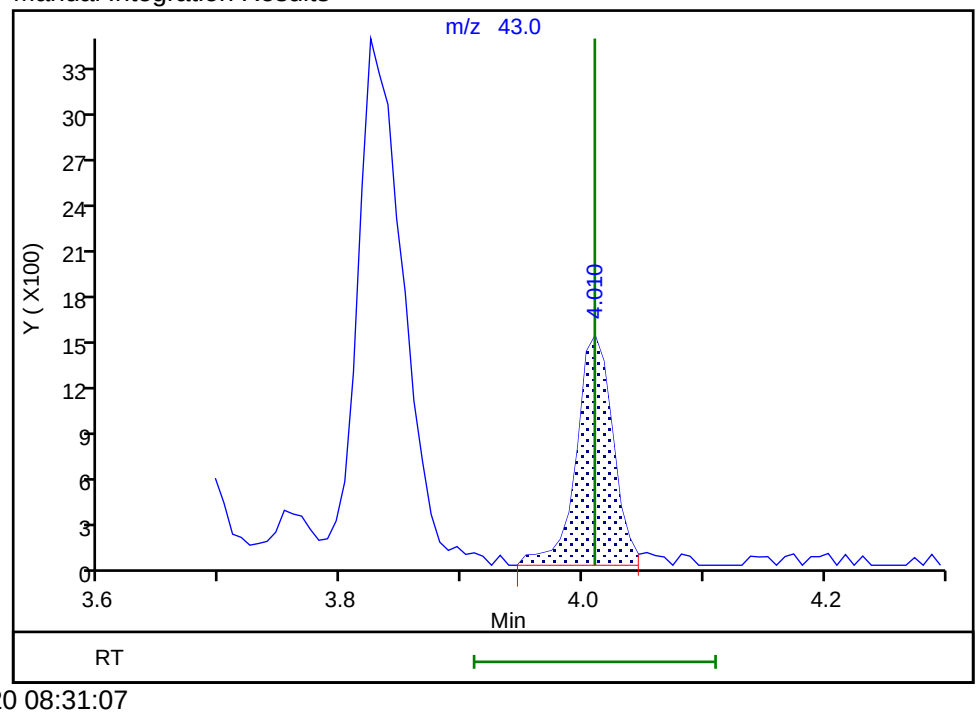
Not Detected
Expected RT: 4.01

Processing Integration Results



Manual Integration Results

RT: 4.01
Area: 3154
Amount: 0.987265
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:31:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

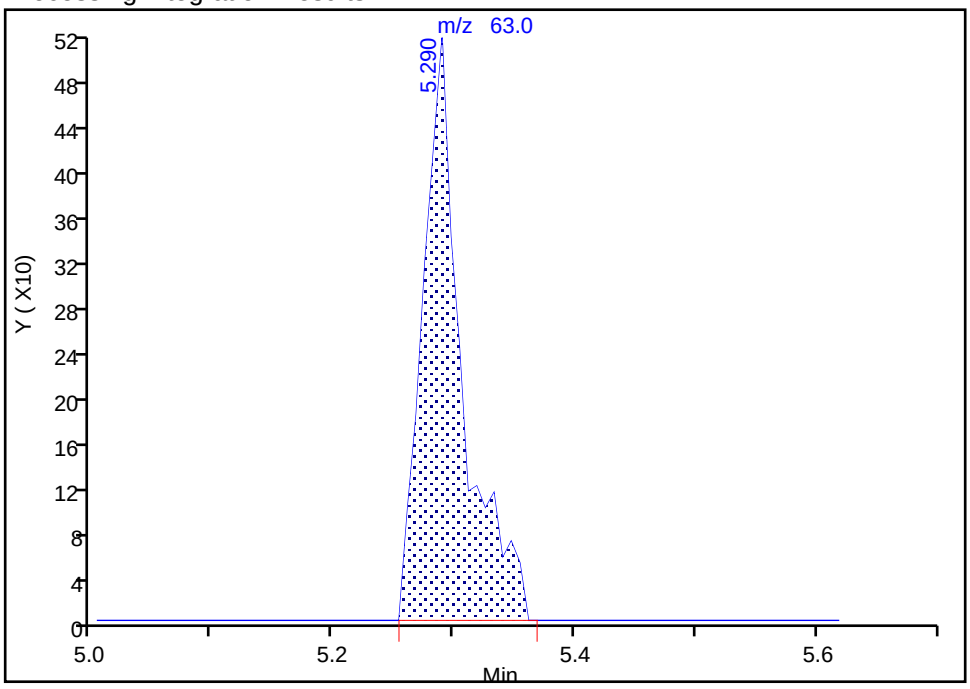
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

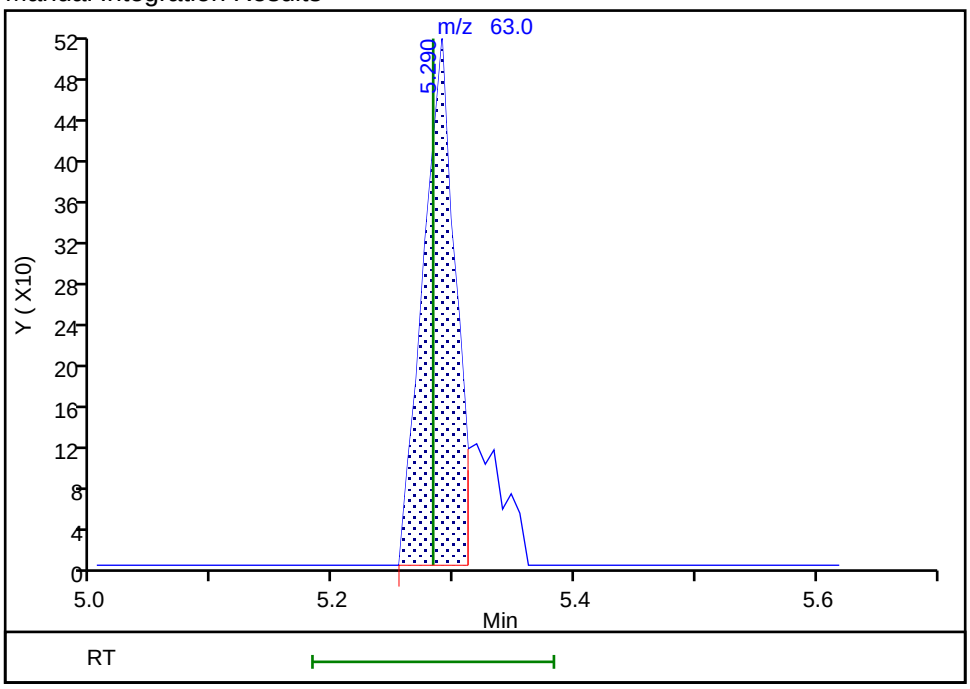
Processing Integration Results

RT: 5.29
Area: 1172
Amount: 0.747592
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 955
Amount: 1.027383
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:31:20
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

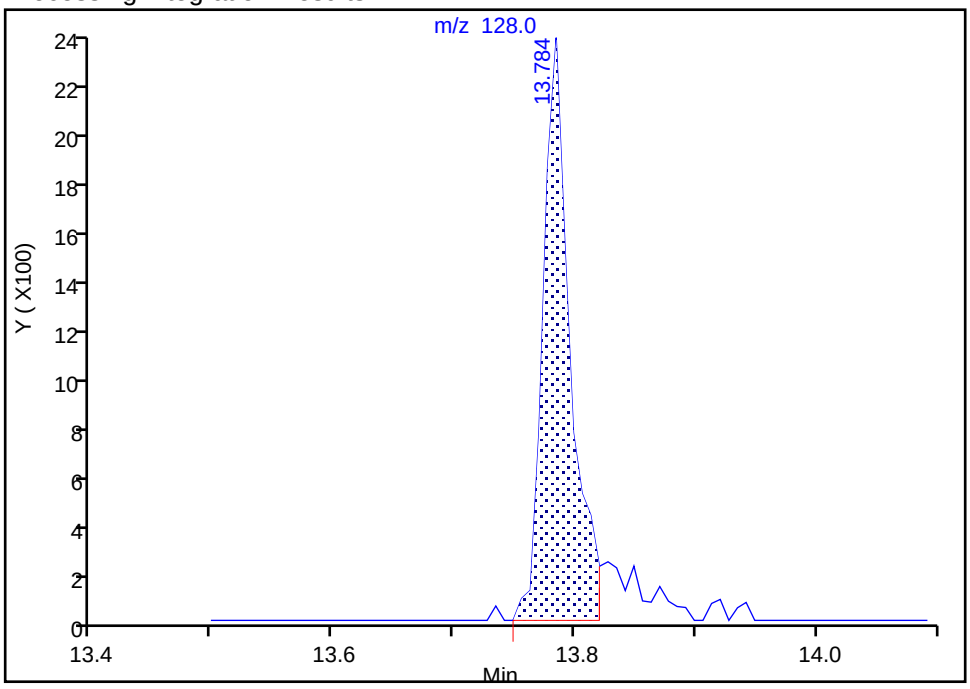
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63464.D
Injection Date: 21-Sep-2020 07:04:30 Instrument ID: CVOAMS12
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3

Signal: 1

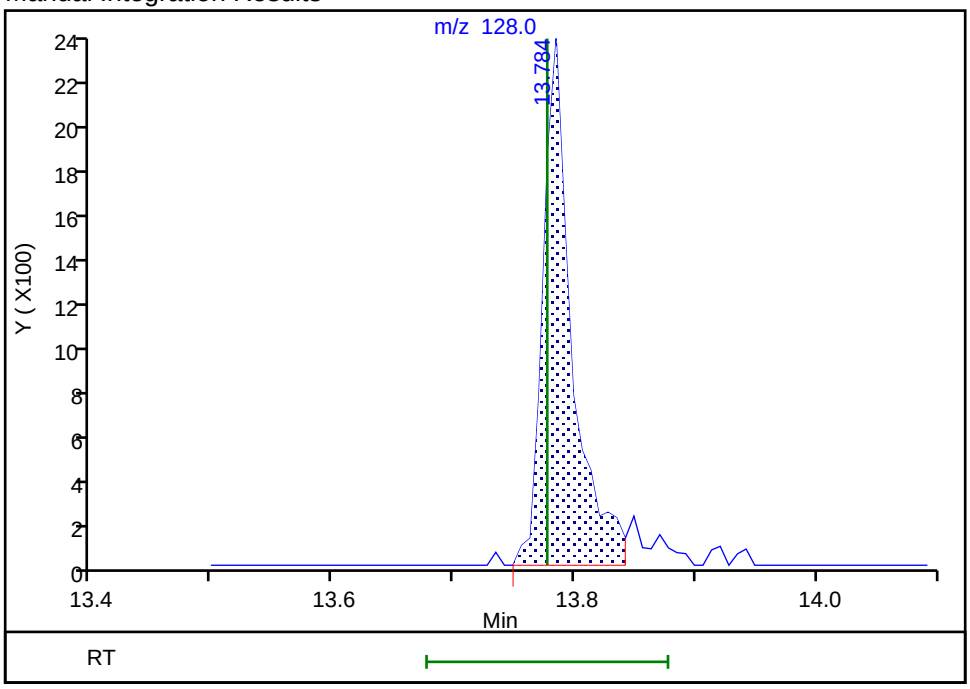
Processing Integration Results

RT: 13.78
Area: 3612
Amount: 0.799880
Amount Units: ug/l



Manual Integration Results

RT: 13.78
Area: 3852
Amount: 0.845539
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:31:56
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63465.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Sep-2020 07:29:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0117085-006
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:03:25 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: martineze Date: 21-Sep-2020 08:20:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	32	939	5.00	5.66	M
2 Chlorotrifluoroethene	116	0.900	0.899	0.001	86	5091	5.00	4.27	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	98	17209	5.00	5.04	
3 1,1-Difluoroethane	65	0.942	0.942	0.000	92	7961	5.00	5.12	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	95	2664	5.00	5.27	
6 Chloromethane	50	1.057	1.057	0.000	98	17551	5.00	5.40	
7 Vinyl chloride	62	1.078	1.078	0.000	98	17359	5.00	5.44	
8 Butadiene	54	1.093	1.093	0.000	94	15937	5.00	5.60	
9 Bromomethane	94	1.257	1.257	0.000	99	10127	5.00	5.62	
10 Chloroethane	64	1.307	1.307	0.000	98	10017	5.00	5.84	
11 Dichlorofluoromethane	67	1.422	1.421	0.001	98	22568	5.00	5.70	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	98	16890	5.00	5.52	
13 Pentane	72	1.500	1.500	0.000	96	4693	10.0	11.1	
14 Ethanol	46	1.557	1.579	-0.022	99	2890	200.0	229.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	93	10302	5.00	5.62	
15 Ethyl ether	59	1.622	1.622	0.000	98	11879	5.00	5.99	
17 2-Methyl-1,3-butadiene	53	1.636	1.629	0.007	95	11794	5.00	5.57	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.657	1.657	0.000	95	17762	5.00	5.62	
19 Acrolein	56	1.686	1.686	0.000	89	994	20.0	19.1	
20 1,1-Dichloroethene	96	1.750	1.750	0.000	97	11742	5.00	5.62	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.757	0.001	97	11991	5.00	5.59	
22 Acetone	58	1.779	1.779	0.000	88	5675	25.0	27.7	
23 Iodomethane	127	1.843	1.843	0.000	98	5891	5.00	5.38	
24 Isopropyl alcohol	45	1.872	1.872	0.000	42	7053	50.0	54.8	
25 Carbon disulfide	76	1.879	1.879	0.000	99	40693	5.00	5.87	
27 Acetonitrile	38	1.972	1.972	0.000	80	4420	50.0	53.5	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	93	8763	5.00	2.93	
28 Methyl acetate	74	1.986	1.986	0.000	99	4228	10.0	11.5	
29 Cyclopentene	67	2.029	2.029	0.000	97	33617	5.00	5.60	
30 Methylene Chloride	84	2.051	2.051	0.000	91	15298	5.00	5.91	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	100	209986	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.129	2.129	0.000	99	11812	50.0	52.1	
33 Acrylonitrile	53	2.208	2.208	0.000	95	38781	50.0	54.4	
34 trans-1,2-Dichloroethene	96	2.237	2.229	0.008	95	13557	5.00	5.80	
35 Methyl tert-butyl ether	73	2.237	2.237	0.000	98	40165	5.00	6.00	
36 Hexane	57	2.437	2.430	0.007	94	19196	5.00	5.27	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	100	25670	5.00	5.82	
38 Vinyl acetate	86	2.573	2.573	0.000	100	5230	10.0	9.84	
39 Isopropyl ether	45	2.594	2.594	0.000	91	49381	5.00	6.10	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	90	12952	5.00	5.55	
41 Tert-butyl ethyl ether	59	2.866	2.866	0.000	89	45482	5.00	5.72	
* 42 2-Butanone-d5	46	2.930	2.930	0.000	98	262140	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	94	15035	5.00	5.82	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	64	4326	5.00	5.46	
45 2-Butanone (MEK)	72	2.980	2.980	0.000	100	7451	25.0	27.4	
46 Propionitrile	52	3.023	3.023	0.000	95	3154	50.0	56.8	
47 Ethyl acetate	70	3.045	3.045	0.000	100	2684	10.0	9.93	
48 Methyl acrylate	55	3.073	3.066	0.007	100	12164	5.00	5.49	
49 Methacrylonitrile	67	3.152	3.152	0.000	92	54447	50.0	59.5	
50 Chlorobromomethane	128	3.159	3.159	0.000	89	7296	5.00	6.18	
51 Tetrahydrofuran	42	3.202	3.202	0.000	93	7968	10.0	11.2	
52 Chloroform	83	3.231	3.230	0.001	99	22685	5.00	5.83	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	97	117860	50.0	50.6	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	99	17863	5.00	5.44	
55 Cyclohexane	84	3.438	3.438	0.000	92	19862	5.00	5.41	
56 Carbon tetrachloride	117	3.531	3.531	0.000	97	13308	5.00	5.24	
57 1,1-Dichloropropene	75	3.538	3.531	0.007	96	18761	5.00	5.62	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.660	3.659	0.001	0	133485	50.0	50.9	
59 Isobutyl alcohol	43	3.681	3.674	0.007	90	12196	125.0	119.2	
60 Benzene	78	3.717	3.717	0.000	96	56543	5.00	5.95	
61 1,2-Dichloroethane	62	3.731	3.731	0.000	97	17159	5.00	5.85	
62 Isooctane	57	3.817	3.817	0.000	97	37926	5.00	5.32	
63 Isopropyl acetate	61	3.824	3.824	0.000	97	5032	5.00	5.51	
64 Tert-amyl methyl ether	73	3.845	3.845	0.000	96	39929	5.00	5.71	
* 65 Fluorobenzene	96	3.988	3.988	0.000	99	503241	50.0	50.0	
66 n-Heptane	43	4.010	4.010	0.000	94	15011	5.00	4.91	
67 n-Butanol	56	4.346	4.339	0.007	88	8098	125.0	117.6	
68 Trichloroethene	95	4.360	4.353	0.007	99	13823	5.00	5.62	
69 Ethyl acrylate	55	4.510	4.510	0.000	99	15853	5.00	5.09	
70 Methylcyclohexane	83	4.553	4.553	0.000	94	22721	5.00	5.30	
71 1,2-Dichloropropane	63	4.582	4.582	0.000	93	15635	5.00	5.90	
* 72 1,4-Dioxane-d8	96	4.696	4.696	0.000	0	27093	1000.0	1000.0	
73 Dibromomethane	93	4.703	4.703	0.000	96	7975	5.00	5.70	
74 1,4-Dioxane	88	4.754	4.753	0.001	30	3296	100.0	111.9	
75 Methyl methacrylate	100	4.761	4.761	0.000	91	7236	10.0	10.5	
76 n-Propyl acetate	43	4.846	4.846	0.000	99	17974	5.00	5.22	
77 Dichlorobromomethane	83	4.897	4.896	0.001	99	16368	5.00	5.45	
78 2-Nitropropane	41	5.161	5.154	0.007	97	4045	10.0	9.40	
79 2-Chloroethyl vinyl ether	63	5.283	5.283	0.000	94	6205	5.01	4.44	M
80 Epichlorohydrin	57	5.326	5.325	0.001	99	24829	100.0	100.6	
81 cis-1,3-Dichloropropene	75	5.426	5.426	0.000	92	23834	5.00	5.77	
82 4-Methyl-2-pentanone (MIBK)	43	5.647	5.640	0.007	95	63980	25.0	26.9	

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	5.747	5.747	0.000	100	511646	50.0	51.9	
84 Toluene	91	5.826	5.826	0.000	94	59643	5.00	5.78	
85 trans-1,3-Dichloropropene	75	6.134	6.133	0.001	97	19448	5.00	5.38	
86 Ethyl methacrylate	69	6.319	6.319	0.000	91	17589	5.00	5.56	
87 1,1,2-Trichloroethane	83	6.362	6.355	0.007	95	10589	5.00	5.86	
88 Tetrachloroethene	166	6.527	6.527	0.000	96	13453	5.00	5.60	
89 1,3-Dichloropropane	76	6.577	6.570	0.007	94	23120	5.00	6.03	
90 2-Hexanone	43	6.756	6.748	0.008	95	43676	25.0	26.4	
91 Chlorodibromomethane	129	6.870	6.870	0.000	99	10759	5.00	5.17	
92 n-Butyl acetate	43	6.984	6.984	0.000	99	20781	5.00	5.70	
93 Ethylene Dibromide	107	6.992	6.991	0.001	97	12523	5.00	5.77	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	86	399676	50.0	50.0	
95 Chlorobenzene	112	7.721	7.721	0.000	94	39585	5.00	5.76	
96 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	96	11551	5.00	5.41	
97 Ethylbenzene	106	7.928	7.928	0.000	98	20923	5.00	5.79	
98 m-Xylene & p-Xylene	106	8.121	8.121	0.000	100	26656	5.00	5.76	
99 o-Xylene	106	8.708	8.708	0.000	93	26790	5.00	5.78	
100 Styrene	104	8.736	8.736	0.000	96	44744	5.00	5.96	
101 n-Butyl acrylate	73	8.793	8.793	0.000	97	9967	5.00	5.61	
102 Bromoform	173	8.965	8.958	0.007	96	6115	5.00	4.78	
103 Amyl acetate (mixed isomers)	43	9.187	9.187	0.000	92	23377	5.00	5.31	
104 Isopropylbenzene	105	9.323	9.322	0.001	96	67607	5.00	5.85	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	88	150954	50.0	50.3	
106 Bromobenzene	156	9.709	9.709	0.000	98	16119	5.00	5.58	
107 1,1,2,2-Tetrachloroethane	83	9.823	9.823	0.000	98	16021	5.00	5.48	
108 1,2,3-Trichloropropane	110	9.845	9.844	0.000	99	4379	5.00	5.51	
109 trans-1,4-Dichloro-2-butene	53	9.930	9.930	0.000	88	3970	5.00	5.07	
110 N-Propylbenzene	91	9.988	9.987	0.001	99	75274	5.00	5.61	
111 2-Chlorotoluene	91	10.066	10.066	0.000	96	48277	5.00	5.81	
112 4-Ethyltoluene	105	10.195	10.195	0.000	99	61480	5.00	5.49	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	49018	5.00	5.88	
114 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	47805	5.00	5.59	
115 Butyl Methacrylate	87	10.595	10.595	0.000	91	17290	5.00	5.05	
116 tert-Butylbenzene	119	10.831	10.831	0.000	94	46344	5.00	5.49	
117 1,2,4-Trimethylbenzene	105	10.917	10.917	0.000	97	47551	5.00	5.56	
118 sec-Butylbenzene	105	11.196	11.196	0.000	99	66360	5.00	5.50	
119 1,3-Dichlorobenzene	146	11.289	11.289	0.000	95	30812	5.00	5.68	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	96	201628	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.425	11.425	0.000	92	29185	5.00	5.53	
122 4-Isopropyltoluene	119	11.446	11.446	0.000	98	51040	5.00	5.49	
123 1,2,3-Trimethylbenzene	105	11.546	11.546	0.000	98	44840	5.00	5.38	
124 Benzyl chloride	126	11.646	11.646	0.000	98	4595	5.00	4.37	
125 2,3-Dihydroindene	117	11.775	11.775	0.000	95	55752	5.00	5.74	
126 1,2-Dichlorobenzene	146	11.911	11.911	0.000	95	29087	5.00	5.60	
127 p-Diethylbenzene	119	11.961	11.961	0.000	93	24993	5.00	5.31	
128 n-Butylbenzene	92	11.990	11.989	0.001	97	22903	5.00	5.36	
129 1,2-Dibromo-3-Chloropropane	157	12.798	12.797	0.001	94	2795	5.00	4.79	
130 1,2,4,5-Tetramethylbenzene	119	12.819	12.819	0.000	97	23694	5.00	4.70	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	97	14632	5.00	4.94	
132 1,2,4-Trichlorobenzene	180	13.584	13.577	0.007	94	11977	5.00	4.80	
133 Hexachlorobutadiene	225	13.756	13.756	0.000	92	6578	5.00	5.23	
134 Naphthalene	128	13.784	13.777	0.007	99	18516	5.00	4.22	

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	13.984	13.984	0.000	95	10091	5.00	4.76	
S 137 1,2-Dichloroethene, Total	100				0		10.0	11.6	
S 138 Xylenes, Total	100				0		10.0	11.5	
S 139 Total BTEX	1				0		25.0	29.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00125	Amount Added:	10.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00386	Amount Added:	10.00	Units: uL	
524freon_00027	Amount Added:	10.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:03:28 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63465.D

Injection Date: 21-Sep-2020 07:29:30 Instrument ID: CVOAMS12 Operator ID:

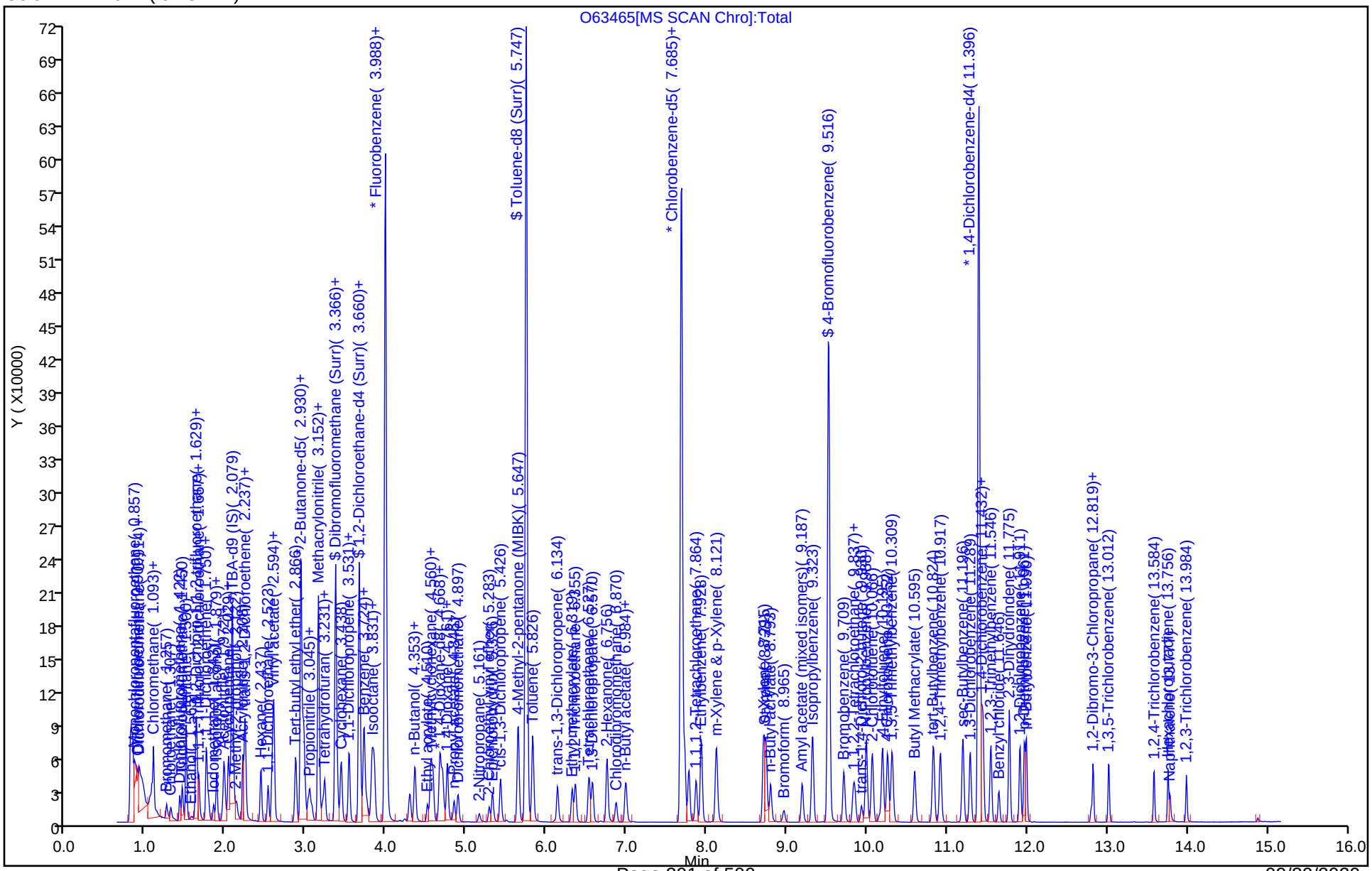
Lims ID: STD5 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

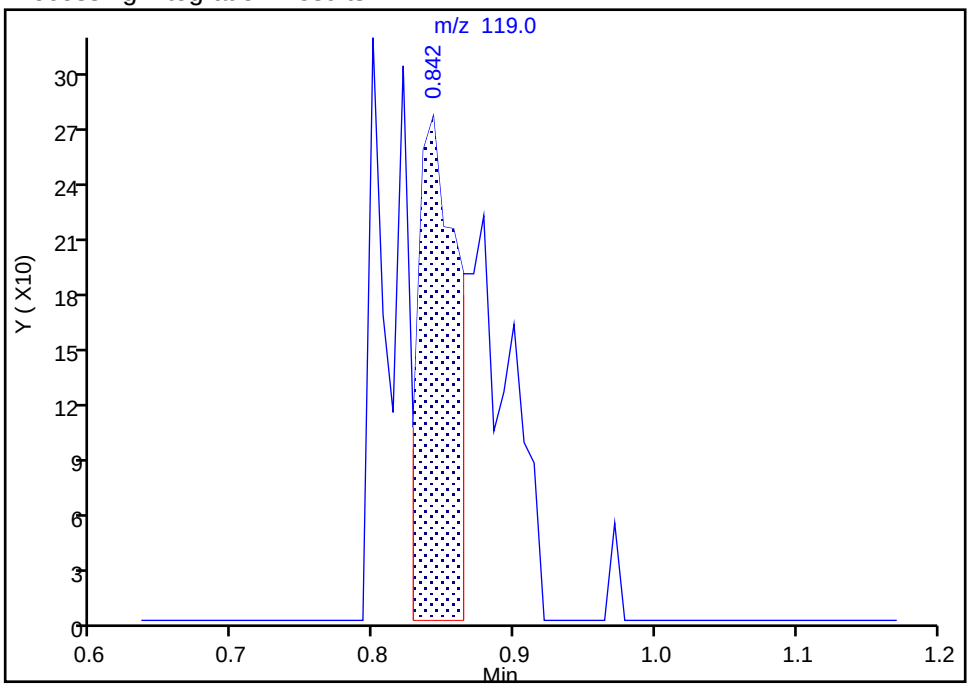
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63465.D
Injection Date: 21-Sep-2020 07:29:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

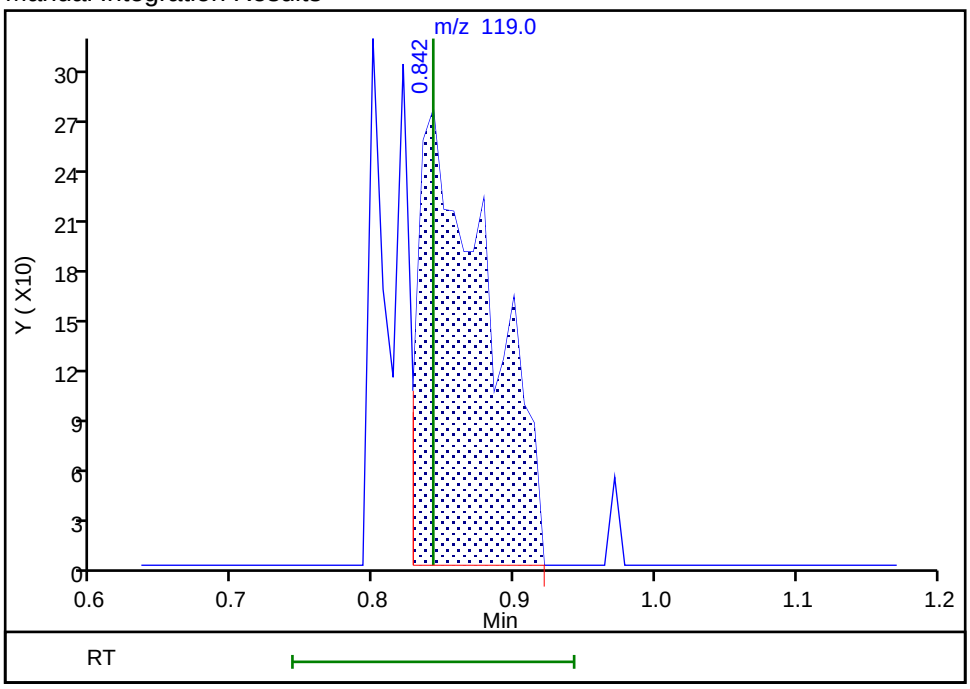
Processing Integration Results

RT: 0.84
Area: 526
Amount: 3.396371
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 939
Amount: 5.663441
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:44:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

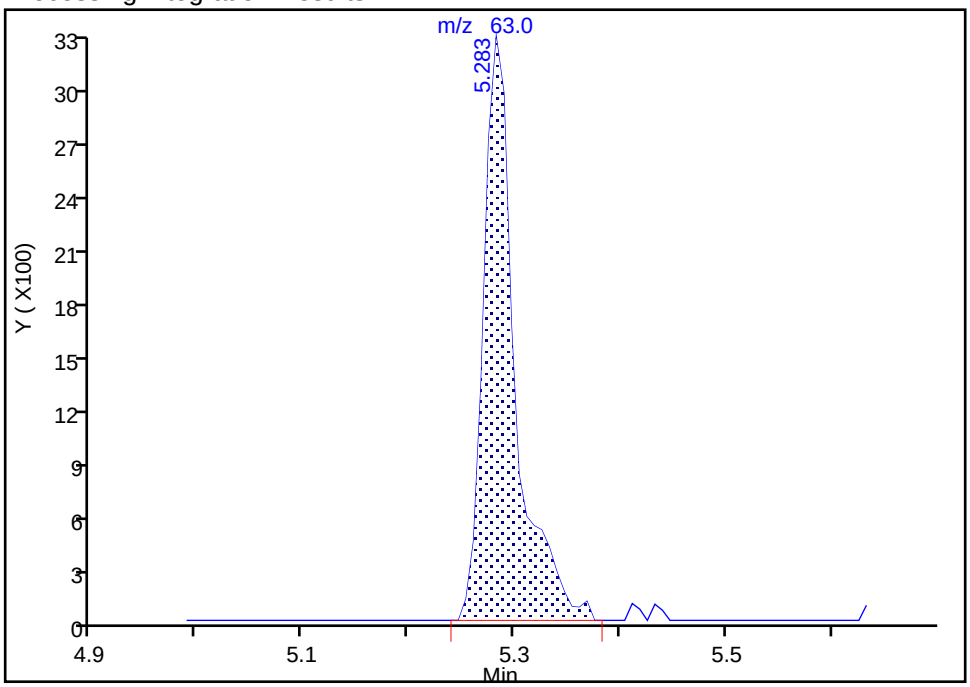
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63465.D
Injection Date: 21-Sep-2020 07:29:30 Instrument ID: CVOAMS12
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

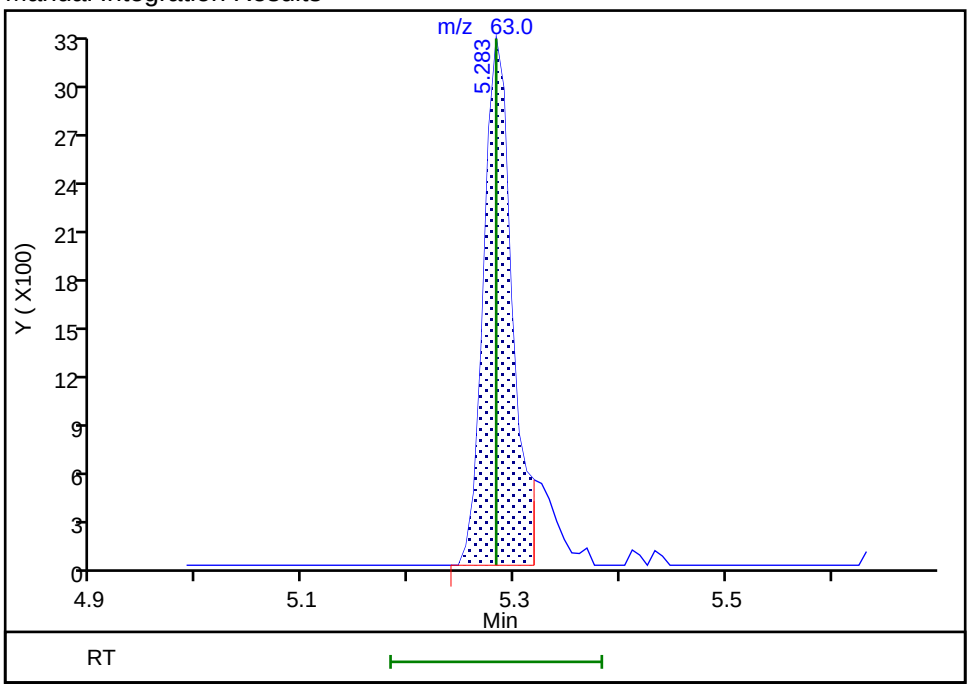
Processing Integration Results

RT: 5.28
Area: 6898
Amount: 3.941878
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 6205
Amount: 4.440689
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:33:45
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63466.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 21-Sep-2020 07:54:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0117085-007
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:03:40 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: martineze Date: 21-Sep-2020 08:19:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	80	3428	20.0	20.4	
2 Chlorotrifluoroethene	116	0.899	0.899	0.000	86	20600	20.0	18.7	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	63722	20.0	19.9	
3 1,1-Difluoroethane	65	0.942	0.942	0.000	99	29462	20.0	20.2	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	96	9453	20.0	19.9	
6 Chloromethane	50	1.057	1.057	0.000	99	60577	20.0	19.8	
7 Vinyl chloride	62	1.078	1.078	0.000	98	63631	20.0	21.2	
8 Butadiene	54	1.093	1.093	0.000	95	56217	20.0	21.0	
9 Bromomethane	94	1.257	1.257	0.000	98	30081	20.0	18.4	
10 Chloroethane	64	1.307	1.307	0.000	99	33434	20.0	20.8	
11 Dichlorofluoromethane	67	1.421	1.421	0.000	98	78743	20.0	21.2	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	98	59982	20.0	20.9	
13 Pentane	72	1.500	1.500	0.000	97	16192	40.0	40.9	
14 Ethanol	46	1.579	1.579	0.000	96	9999	800.0	874.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	94	38274	20.0	22.3	
15 Ethyl ether	59	1.622	1.622	0.000	96	39546	20.0	21.2	
17 2-Methyl-1,3-butadiene	53	1.629	1.629	0.000	97	42131	20.0	21.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.657	1.657	0.000	95	62350	20.0	21.0	
19 Acrolein	56	1.686	1.686	0.000	66	1529	40.0	32.3	
20 1,1-Dichloroethene	96	1.750	1.750	0.000	98	40343	20.0	20.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.757	1.757	0.000	97	40652	20.0	20.2	
22 Acetone	58	1.779	1.779	0.000	88	17348	100.0	104.5	
23 Iodomethane	127	1.843	1.843	0.000	96	20148	20.0	19.6	
24 Isopropyl alcohol	45	1.872	1.872	0.000	99	22956	200.0	196.4	
25 Carbon disulfide	76	1.879	1.879	0.000	99	134630	20.0	20.7	
27 Acetonitrile	38	1.972	1.972	0.000	80	15188	200.0	202.6	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	94	30844	20.0	11.0	
28 Methyl acetate	74	1.986	1.986	0.000	100	13486	40.0	40.3	
29 Cyclopentene	67	2.029	2.029	0.000	96	112897	20.0	20.0	
30 Methylene Chloride	84	2.051	2.051	0.000	93	48964	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
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	99	190590	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.129	2.129	0.000	99	40186	200.0	195.4	
33 Acrylonitrile	53	2.208	2.208	0.000	94	138443	200.0	207.0	
34 trans-1,2-Dichloroethene	96	2.229	2.229	0.000	95	44660	20.0	20.3	
35 Methyl tert-butyl ether	73	2.237	2.237	0.000	98	131443	20.0	20.9	
36 Hexane	57	2.430	2.430	0.000	94	68719	20.0	20.1	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	100	84284	20.0	20.3	
38 Vinyl acetate	86	2.573	2.573	0.000	100	18074	40.0	36.7	
39 Isopropyl ether	45	2.594	2.594	0.000	92	160456	20.0	21.1	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	89	44259	20.0	20.2	
41 Tert-butyl ethyl ether	59	2.866	2.866	0.000	89	150598	20.0	20.2	
* 42 2-Butanone-d5	46	2.930	2.930	0.000	98	242734	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	93	49619	20.0	20.5	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	93	14834	20.0	19.9	
45 2-Butanone (MEK)	72	2.980	2.980	0.000	100	25252	100.0	100.3	
46 Propionitrile	52	3.023	3.023	0.000	98	10784	200.0	214.0	
47 Ethyl acetate	70	3.045	3.045	0.000	100	9710	40.0	38.8	
48 Methyl acrylate	55	3.066	3.066	0.000	99	40809	20.0	19.6	
49 Methacrylonitrile	67	3.152	3.152	0.000	92	178724	200.0	208.0	
50 Chlorobromomethane	128	3.159	3.159	0.000	90	23295	20.0	21.0	
51 Tetrahydrofuran	42	3.202	3.202	0.000	84	25866	40.0	39.2	
52 Chloroform	83	3.230	3.230	0.000	99	73775	20.0	20.2	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	97	109159	50.0	49.9	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	99	61126	20.0	19.8	
55 Cyclohexane	84	3.438	3.438	0.000	91	69229	20.0	20.1	
56 Carbon tetrachloride	117	3.531	3.531	0.000	97	46907	20.0	19.7	
57 1,1-Dichloropropene	75	3.531	3.531	0.000	98	62545	20.0	19.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.659	3.659	0.000	0	122393	50.0	49.7	
59 Isobutyl alcohol	43	3.674	3.674	0.000	92	46292	500.0	498.4	
60 Benzene	78	3.717	3.717	0.000	95	189414	20.0	20.7	
61 1,2-Dichloroethane	62	3.731	3.731	0.000	97	55831	20.0	20.3	
62 Isooctane	57	3.817	3.817	0.000	97	135083	20.0	20.2	
63 Isopropyl acetate	61	3.824	3.824	0.000	98	17825	20.0	20.8	
64 Tert-amyl methyl ether	73	3.845	3.845	0.000	97	136482	20.0	20.8	
* 65 Fluorobenzene	96	3.988	3.988	0.000	99	472490	50.0	50.0	
66 n-Heptane	43	4.010	4.010	0.000	94	56249	20.0	19.6	
67 n-Butanol	56	4.339	4.339	0.000	88	30845	500.0	493.5	
68 Trichloroethene	95	4.353	4.353	0.000	99	47627	20.0	20.6	
69 Ethyl acrylate	55	4.510	4.510	0.000	98	59906	20.0	20.5	
70 Methylcyclohexane	83	4.553	4.553	0.000	95	82326	20.0	20.4	
71 1,2-Dichloropropane	63	4.582	4.582	0.000	92	51660	20.0	20.8	
* 72 1,4-Dioxane-d8	96	4.696	4.696	0.000	0	25599	1000.0	1000.0	
73 Dibromomethane	93	4.703	4.703	0.000	99	27031	20.0	20.6	
74 1,4-Dioxane	88	4.753	4.753	0.000	30	11566	400.0	415.5	
75 Methyl methacrylate	100	4.761	4.761	0.000	91	26522	40.0	40.8	
76 n-Propyl acetate	43	4.846	4.846	0.000	99	64326	20.0	19.9	
77 Dichlorobromomethane	83	4.896	4.896	0.000	100	56421	20.0	20.0	
78 2-Nitropropane	41	5.154	5.154	0.000	98	14045	40.0	34.8	
79 2-Chloroethyl vinyl ether	63	5.283	5.283	0.000	95	26738	20.0	18.8	M
80 Epichlorohydrin	57	5.325	5.325	0.000	99	92414	400.0	404.3	
81 cis-1,3-Dichloropropene	75	5.426	5.426	0.000	92	83142	20.0	20.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.640	5.640	0.000	96	224820	100.0	101.9	

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	5.747	5.747	0.000	100	482910	50.0	50.7	
84 Toluene	91	5.826	5.826	0.000	93	203514	20.0	20.4	
85 trans-1,3-Dichloropropene	75	6.133	6.133	0.000	97	72220	20.0	20.7	
86 Ethyl methacrylate	69	6.319	6.319	0.000	91	63837	20.0	20.9	
87 1,1,2-Trichloroethane	83	6.355	6.355	0.000	94	37099	20.0	21.3	
88 Tetrachloroethene	166	6.527	6.527	0.000	96	47474	20.0	20.5	
89 1,3-Dichloropropane	76	6.570	6.570	0.000	94	78472	20.0	21.2	
90 2-Hexanone	43	6.748	6.748	0.000	95	155997	100.0	101.8	
91 Chlorodibromomethane	129	6.870	6.870	0.000	99	41086	20.0	20.4	
92 n-Butyl acetate	43	6.984	6.984	0.000	99	73239	20.0	20.8	
93 Ethylene Dibromide	107	6.991	6.991	0.000	98	44309	20.0	21.2	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	85	385816	50.0	50.0	
95 Chlorobenzene	112	7.721	7.721	0.000	95	137171	20.0	20.7	
96 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	96	43021	20.0	20.9	
97 Ethylbenzene	106	7.928	7.928	0.000	98	71867	20.0	20.6	
98 m-Xylene & p-Xylene	106	8.121	8.121	0.000	99	91543	20.0	20.5	
99 o-Xylene	106	8.708	8.708	0.000	94	92182	20.0	20.6	
100 Styrene	104	8.736	8.736	0.000	96	156634	20.0	21.6	
101 n-Butyl acrylate	73	8.793	8.793	0.000	98	36611	20.0	21.3	
102 Bromoform	173	8.958	8.958	0.000	96	24252	20.0	19.7	
103 Amyl acetate (mixed isomers)	43	9.187	9.187	0.000	91	87050	20.0	20.8	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	233562	20.0	20.9	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	88	145207	50.0	50.2	
106 Bromobenzene	156	9.709	9.709	0.000	98	55606	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	9.823	9.823	0.000	98	57791	20.0	20.8	
108 1,2,3-Trichloropropane	110	9.844	9.844	0.000	99	16131	20.0	21.4	
109 trans-1,4-Dichloro-2-butene	53	9.930	9.930	0.000	90	15344	20.0	20.7	
110 N-Propylbenzene	91	9.987	9.987	0.000	99	263456	20.0	20.7	
111 2-Chlorotoluene	91	10.066	10.066	0.000	97	161233	20.0	20.4	
112 4-Ethyltoluene	105	10.195	10.195	0.000	99	217730	20.0	20.5	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	165628	20.0	20.9	
114 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	162983	20.0	20.1	
115 Butyl Methacrylate	87	10.595	10.595	0.000	90	65758	20.0	20.2	
116 tert-Butylbenzene	119	10.831	10.831	0.000	95	162469	20.0	20.3	
117 1,2,4-Trimethylbenzene	105	10.917	10.917	0.000	97	162629	20.0	20.0	
118 sec-Butylbenzene	105	11.196	11.196	0.000	99	234614	20.0	20.5	
119 1,3-Dichlorobenzene	146	11.289	11.289	0.000	96	105587	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	95	191411	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.425	11.425	0.000	95	100800	20.0	20.1	
122 4-Isopropyltoluene	119	11.446	11.446	0.000	98	179869	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	11.546	11.546	0.000	98	155255	20.0	19.6	
124 Benzyl chloride	126	11.646	11.646	0.000	99	18647	20.0	18.7	
125 2,3-Dihydroindene	117	11.775	11.775	0.000	95	192253	20.0	20.8	
126 1,2-Dichlorobenzene	146	11.911	11.911	0.000	96	100017	20.0	20.3	
127 p-Diethylbenzene	119	11.961	11.961	0.000	93	89050	20.0	19.9	
128 n-Butylbenzene	92	11.989	11.989	0.000	97	81946	20.0	20.2	
129 1,2-Dibromo-3-Chloropropane	157	12.797	12.797	0.000	96	11154	20.0	20.1	
130 1,2,4,5-Tetramethylbenzene	119	12.819	12.819	0.000	97	87958	20.0	18.4	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	98	54513	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	13.577	13.577	0.000	95	45077	20.0	19.0	
133 Hexachlorobutadiene	225	13.756	13.756	0.000	92	23933	20.0	20.1	
134 Naphthalene	128	13.777	13.777	0.000	99	77997	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.984	13.984	0.000	96	40352	20.0	20.1	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.8	
S 138 Xylenes, Total	100				0		40.0	41.1	
S 139 Total BTEX	1				0		100.0	102.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00386	Amount Added:	20.00	Units: uL	
524freon_00027	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:03:43 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63466.D

Injection Date: 21-Sep-2020 07:54:30 Instrument ID: CVOAMS12 Operator ID:

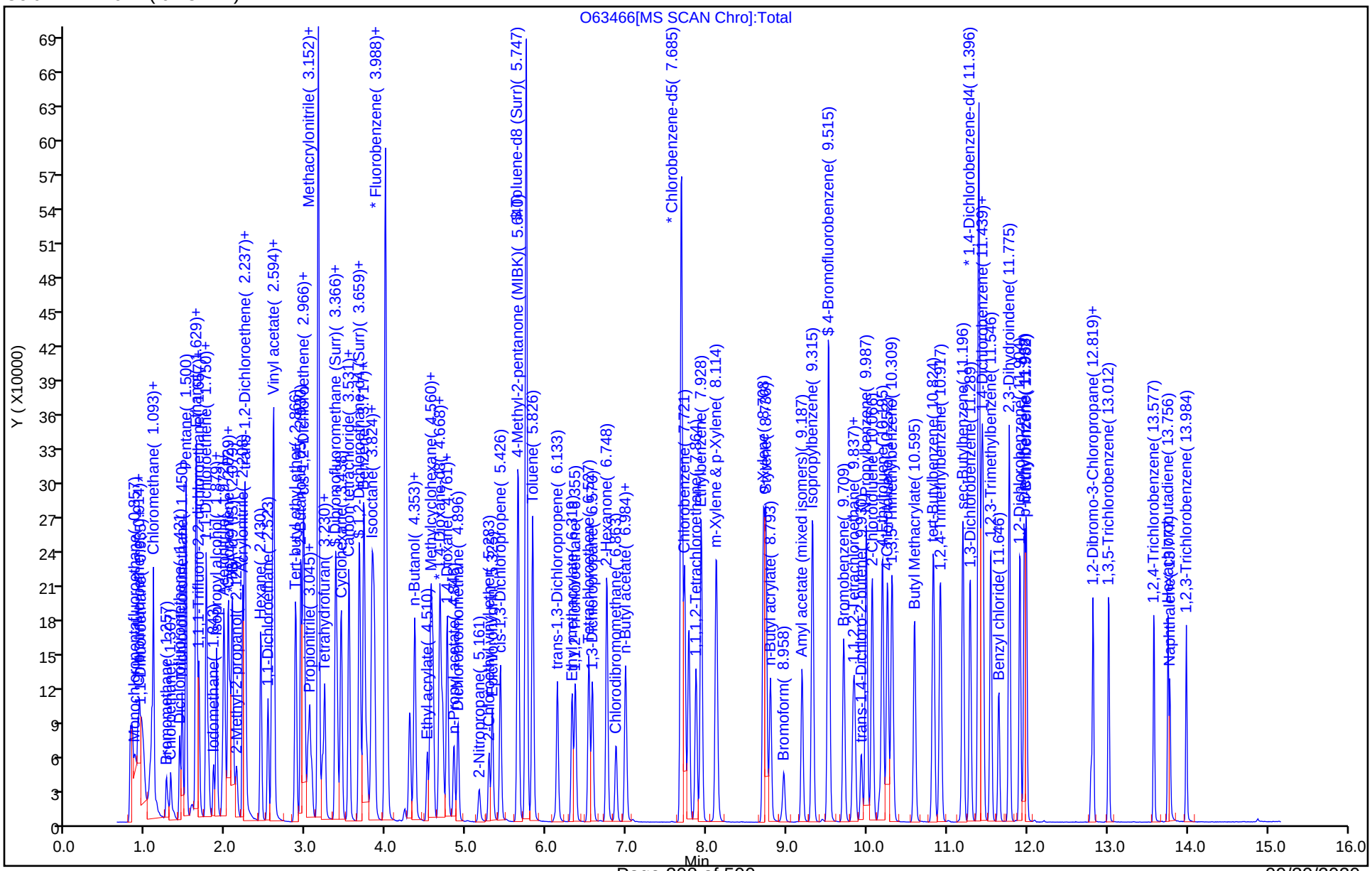
Lims ID: STD20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

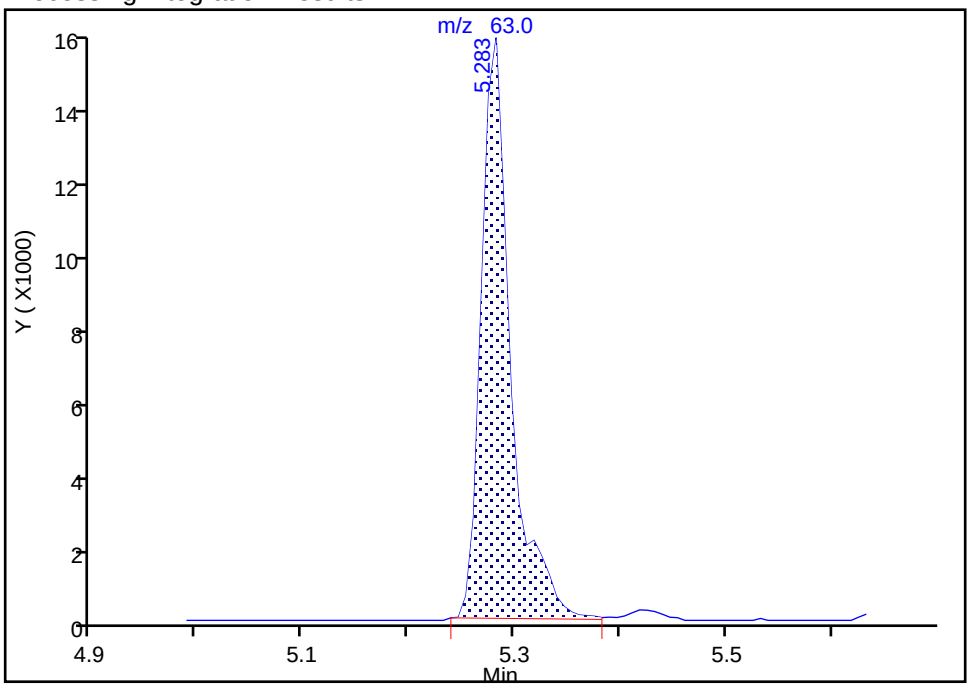
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63466.D
Injection Date: 21-Sep-2020 07:54:30 Instrument ID: CVOAMS12
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

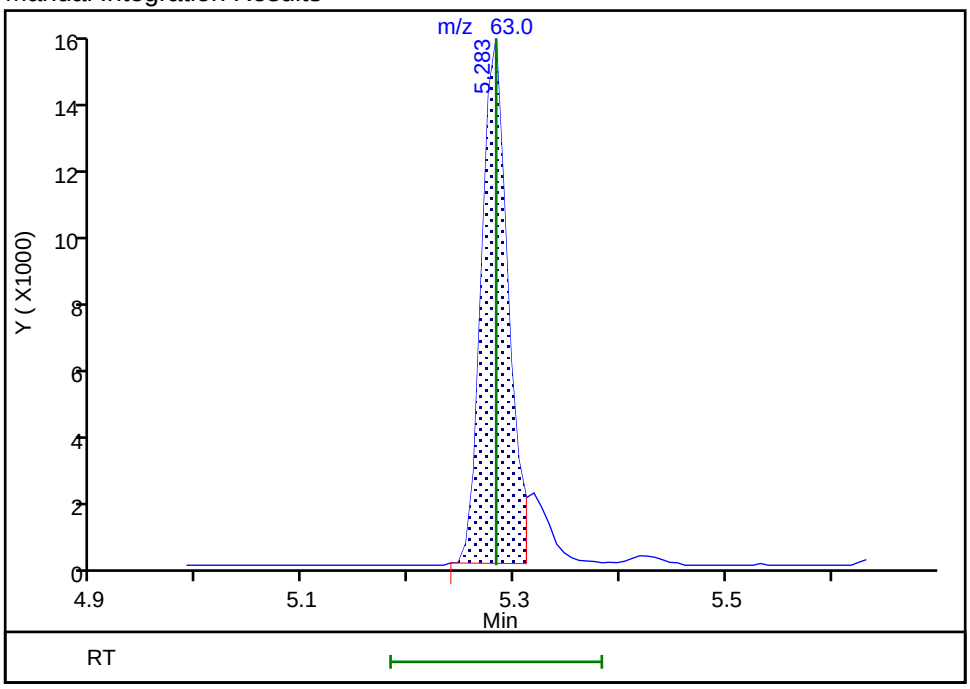
Processing Integration Results

RT: 5.28
Area: 29446
Amount: 20.457162
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 26738
Amount: 18.808047
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:23:38
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63474.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Sep-2020 11:14:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0117085-015
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:04:03 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: tupayachia Date: 22-Sep-2020 02:13:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	90	7216	50.0	43.5	
2 Chlorotrifluoroethene	116	0.900	0.899	0.001	88	57340	50.0	55.2	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	179865	50.0	57.7	
3 1,1-Difluoroethane	65	0.942	0.942	0.000	96	76476	50.0	54.0	
5 Chlorodifluoromethane	67	0.971	0.964	0.007	97	23870	50.0	51.8	a
6 Chloromethane	50	1.057	1.057	0.000	98	157598	50.0	53.1	
7 Vinyl chloride	62	1.078	1.078	0.000	98	158276	50.0	54.4	
8 Butadiene	54	1.093	1.093	0.000	95	142812	50.0	55.0	
9 Bromomethane	94	1.257	1.257	0.000	99	81466	50.0	52.3	
10 Chloroethane	64	1.307	1.307	0.000	99	83318	50.0	53.3	
11 Dichlorofluoromethane	67	1.422	1.421	0.001	99	193726	50.0	53.6	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	98	154090	50.0	55.3	
13 Pentane	72	1.500	1.500	0.000	97	43613	100.0	113.4	
14 Ethanol	46	1.565	1.579	-0.014	96	22451	2000.0	2062.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	93	83369	50.0	49.9	
15 Ethyl ether	59	1.622	1.622	0.000	97	93436	50.0	51.6	
17 2-Methyl-1,3-butadiene	53	1.636	1.629	0.007	94	103217	50.0	53.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.657	1.657	0.000	96	144834	50.0	50.3	
19 Acrolein	56	1.693	1.686	0.007	81	3897	100.0	86.4	
20 1,1-Dichloroethene	96	1.750	1.750	0.000	98	94873	50.0	49.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.757	0.001	98	100562	50.0	51.4	
22 Acetone	58	1.779	1.779	0.000	88	36818	250.0	243.0	
23 Iodomethane	127	1.843	1.843	0.000	96	53786	50.0	53.9	
24 Isopropyl alcohol	45	1.872	1.872	0.000	99	54980	500.0	493.9	
25 Carbon disulfide	76	1.886	1.879	0.007	99	311806	50.0	49.3	
27 Acetonitrile	38	1.972	1.972	0.000	85	35930	500.0	503.0	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	96	108138	50.0	39.8	
28 Methyl acetate	74	1.986	1.986	0.000	99	32459	100.0	101.8	
29 Cyclopentene	67	2.029	2.029	0.000	96	280836	50.0	51.3	
30 Methylene Chloride	84	2.051	2.051	0.000	91	111863	50.0	47.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	99	181565	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.129	2.129	0.000	99	92165	500.0	470.4	
33 Acrylonitrile	53	2.208	2.208	0.000	95	327512	500.0	504.2	
34 trans-1,2-Dichloroethene	96	2.230	2.229	0.001	95	105157	50.0	49.3	
35 Methyl tert-butyl ether	73	2.237	2.237	0.000	97	300257	50.0	49.2	
36 Hexane	57	2.430	2.430	0.000	93	176778	50.0	53.2	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	99	195714	50.0	48.6	
38 Vinyl acetate	86	2.573	2.573	0.000	100	49905	100.0	107.8	
39 Isopropyl ether	45	2.594	2.594	0.000	92	366558	50.0	49.6	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	88	106192	50.0	49.9	
41 Tert-butyl ethyl ether	59	2.866	2.866	0.000	89	357794	50.0	49.3	
* 42 2-Butanone-d5	46	2.930	2.930	0.000	99	228322	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	94	118160	50.0	50.2	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	78	37387	50.0	51.7	
45 2-Butanone (MEK)	72	2.980	2.980	0.000	100	58833	250.0	248.5	
46 Propionitrile	52	3.023	3.023	0.000	98	25106	500.0	523.1	
47 Ethyl acetate	70	3.045	3.045	0.000	100	23184	100.0	98.5	
48 Methyl acrylate	55	3.066	3.066	0.000	99	95620	50.0	47.3	
49 Methacrylonitrile	67	3.152	3.152	0.000	92	420474	500.0	503.7	
50 Chlorobromomethane	128	3.159	3.159	0.000	89	53226	50.0	49.4	
51 Tetrahydrofuran	42	3.202	3.202	0.000	97	58103	100.0	93.5	
52 Chloroform	83	3.231	3.230	0.001	99	169703	50.0	47.8	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	97	104647	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	98	144438	50.0	48.2	
55 Cyclohexane	84	3.438	3.438	0.000	91	167789	50.0	50.1	
56 Carbon tetrachloride	117	3.531	3.531	0.000	97	118770	50.0	51.3	
57 1,1-Dichloropropene	75	3.531	3.531	0.000	97	151643	50.0	49.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.660	3.659	0.001	0	118203	50.0	49.4	
59 Isobutyl alcohol	43	3.674	3.674	0.000	96	114385	1250.0	1292.7	
60 Benzene	78	3.717	3.717	0.000	95	447301	50.0	48.6	
61 1,2-Dichloroethane	62	3.731	3.731	0.000	95	127732	50.0	47.8	
62 Isooctane	57	3.817	3.817	0.000	94	346143	50.0	53.2	
63 Isopropyl acetate	61	3.824	3.824	0.000	92	41861	50.0	50.3	
64 Tert-amyl methyl ether	73	3.845	3.845	0.000	91	319058	50.0	50.0	
* 65 Fluorobenzene	96	3.988	3.988	0.000	99	458921	50.0	50.0	
66 n-Heptane	43	4.010	4.010	0.000	93	144921	50.0	52.0	
67 n-Butanol	56	4.339	4.339	0.000	88	80882	1250.0	1358.5	
68 Trichloroethene	95	4.353	4.353	0.000	98	113255	50.0	50.4	
69 Ethyl acrylate	55	4.510	4.510	0.000	98	150456	50.0	53.0	
70 Methylcyclohexane	83	4.553	4.553	0.000	96	206286	50.0	52.7	
71 1,2-Dichloropropane	63	4.582	4.582	0.000	94	119301	50.0	49.4	
* 72 1,4-Dioxane-d8	96	4.696	4.696	0.000	0	25170	1000.0	1000.0	
73 Dibromomethane	93	4.703	4.703	0.000	98	62830	50.0	49.2	
74 1,4-Dioxane	88	4.754	4.753	0.001	96	26010	1000.0	950.2	
75 Methyl methacrylate	100	4.761	4.761	0.000	91	65931	100.0	104.5	
76 n-Propyl acetate	43	4.839	4.846	-0.007	98	157077	50.0	50.0	
77 Dichlorobromomethane	83	4.897	4.896	0.001	100	137313	50.0	50.1	
78 2-Nitropropane	41	5.154	5.154	0.000	98	37901	100.0	96.6	
79 2-Chloroethyl vinyl ether	63	5.283	5.283	0.000	94	71860	50.1	51.3	M
80 Epichlorohydrin	57	5.318	5.325	-0.007	99	229529	1000.0	1067.6	
81 cis-1,3-Dichloropropene	75	5.426	5.426	0.000	92	201160	50.0	50.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.640	5.640	0.000	96	529701	250.0	255.3	

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	5.747	5.747	0.000	100	467415	50.0	48.9	
84 Toluene	91	5.826	5.826	0.000	94	487631	50.0	48.8	
85 trans-1,3-Dichloropropene	75	6.134	6.133	0.001	97	179894	50.0	51.4	
86 Ethyl methacrylate	69	6.319	6.319	0.000	91	157173	50.0	51.2	
87 1,1,2-Trichloroethane	83	6.355	6.355	0.000	94	87009	50.0	49.7	
88 Tetrachloroethene	166	6.527	6.527	0.000	96	116059	50.0	49.8	
89 1,3-Dichloropropane	76	6.570	6.570	0.000	94	184434	50.0	49.6	
90 2-Hexanone	43	6.748	6.748	0.000	95	365540	250.0	253.7	
91 Chlorodibromomethane	129	6.863	6.870	-0.007	99	105356	50.0	52.2	
92 n-Butyl acetate	43	6.977	6.984	-0.007	99	176908	50.0	50.1	
93 Ethylene Dibromide	107	6.992	6.991	0.001	98	104773	50.0	49.8	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	85	387397	50.0	50.0	
95 Chlorobenzene	112	7.721	7.721	0.000	95	330010	50.0	49.5	
96 1,1,1,2-Tetrachloroethane	131	7.864	7.864	0.000	96	104714	50.0	50.6	
97 Ethylbenzene	106	7.928	7.928	0.000	98	171742	50.0	49.0	
98 m-Xylene & p-Xylene	106	8.114	8.121	-0.007	100	218442	50.0	48.7	
99 o-Xylene	106	8.708	8.708	0.000	94	222632	50.0	49.6	
100 Styrene	104	8.736	8.736	0.000	95	364191	50.0	50.0	
101 n-Butyl acrylate	73	8.793	8.793	0.000	98	87887	50.0	51.0	
102 Bromoform	173	8.958	8.958	0.000	96	64893	50.0	52.4	
103 Amyl acetate (mixed isomers)	43	9.187	9.187	0.000	91	212702	50.0	52.0	
104 Isopropylbenzene	105	9.323	9.322	0.001	96	547796	50.0	48.9	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	88	144640	50.0	49.8	
106 Bromobenzene	156	9.709	9.709	0.000	99	136078	50.0	50.6	
107 1,1,2,2-Tetrachloroethane	83	9.823	9.823	0.000	99	140827	50.0	51.8	
108 1,2,3-Trichloropropane	110	9.845	9.844	0.000	99	38803	50.0	52.5	
109 trans-1,4-Dichloro-2-butene	53	9.923	9.930	-0.007	93	38744	50.0	53.3	
110 N-Propylbenzene	91	9.988	9.987	0.001	99	624045	50.0	50.1	
111 2-Chlorotoluene	91	10.066	10.066	0.000	97	371259	50.0	48.1	
112 4-Ethyltoluene	105	10.195	10.195	0.000	100	525579	50.0	50.5	
113 4-Chlorotoluene	91	10.252	10.252	0.000	97	384252	50.0	49.6	
114 1,3,5-Trimethylbenzene	105	10.309	10.309	0.000	93	399447	50.0	50.2	
115 Butyl Methacrylate	87	10.588	10.595	-0.007	90	169125	50.0	53.1	
116 tert-Butylbenzene	119	10.824	10.831	-0.007	95	388970	50.0	49.6	
117 1,2,4-Trimethylbenzene	105	10.917	10.917	0.000	97	403650	50.0	50.8	
118 sec-Butylbenzene	105	11.196	11.196	0.000	99	566281	50.0	50.5	
119 1,3-Dichlorobenzene	146	11.289	11.289	0.000	96	250697	50.0	49.7	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	95	187410	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.425	11.425	0.000	95	242846	50.0	49.5	
122 4-Isopropyltoluene	119	11.446	11.446	0.000	98	438051	50.0	50.7	
123 1,2,3-Trimethylbenzene	105	11.546	11.546	0.000	98	400382	50.0	51.7	
124 Benzyl chloride	126	11.646	11.646	0.000	99	55308	50.0	56.6	
125 2,3-Dihydroindene	117	11.775	11.775	0.000	95	461305	50.0	51.1	
126 1,2-Dichlorobenzene	146	11.904	11.911	-0.007	96	243702	50.0	50.5	
127 p-Diethylbenzene	119	11.961	11.961	0.000	93	226552	50.0	51.8	
128 n-Butylbenzene	92	11.990	11.989	0.001	97	204512	50.0	51.5	
129 1,2-Dibromo-3-Chloropropane	157	12.798	12.797	0.001	96	28922	50.0	53.4	
130 1,2,4,5-Tetramethylbenzene	119	12.819	12.819	0.000	97	247795	50.0	52.9	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	97	146743	50.0	53.3	
132 1,2,4-Trichlorobenzene	180	13.577	13.577	0.000	94	120582	50.0	52.0	
133 Hexachlorobutadiene	225	13.756	13.756	0.000	94	59527	50.0	50.9	
134 Naphthalene	128	13.777	13.777	0.000	99	212945	50.0	52.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.984	13.984	0.000	95	103325	50.0	52.5	
S 137 1,2-Dichloroethene, Total	100				0		100.0	99.5	
S 138 Xylenes, Total	100				0		100.0	98.3	
S 139 Total BTEX	1				0		250.0	244.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	10.00	Units: uL	
GAS Hi_00371	Amount Added:	5.00	Units: uL	
Ethanol mix_00044	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	5.00	Units: uL	
MIX I Hi_00129	Amount Added:	5.00	Units: uL	
8FreonHi_00023	Amount Added:	5.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:04:08 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63474.D

Injection Date: 21-Sep-2020 11:14:30 Instrument ID: CVOAMS12 Operator ID:

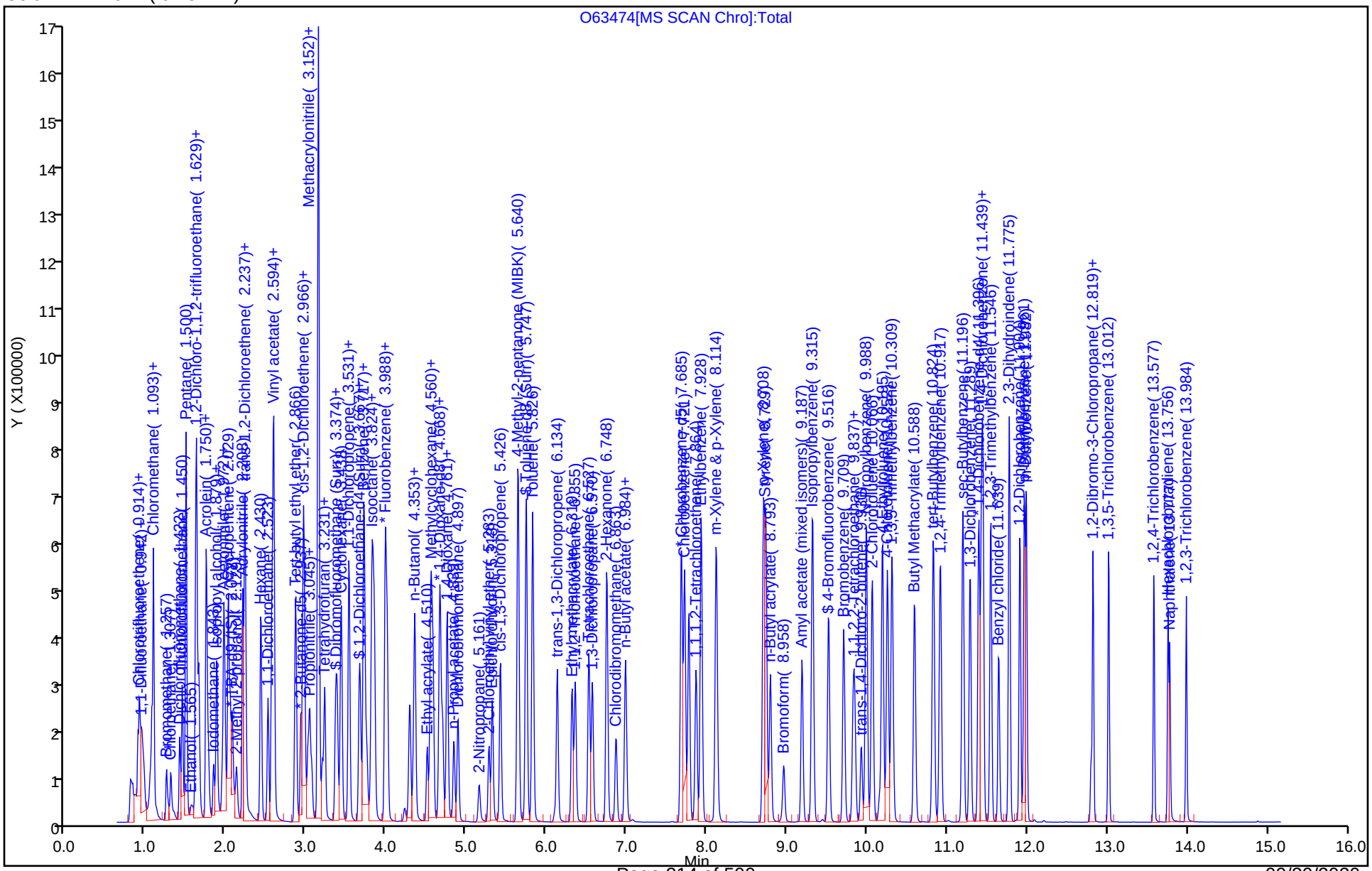
Lims ID: STD50 Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

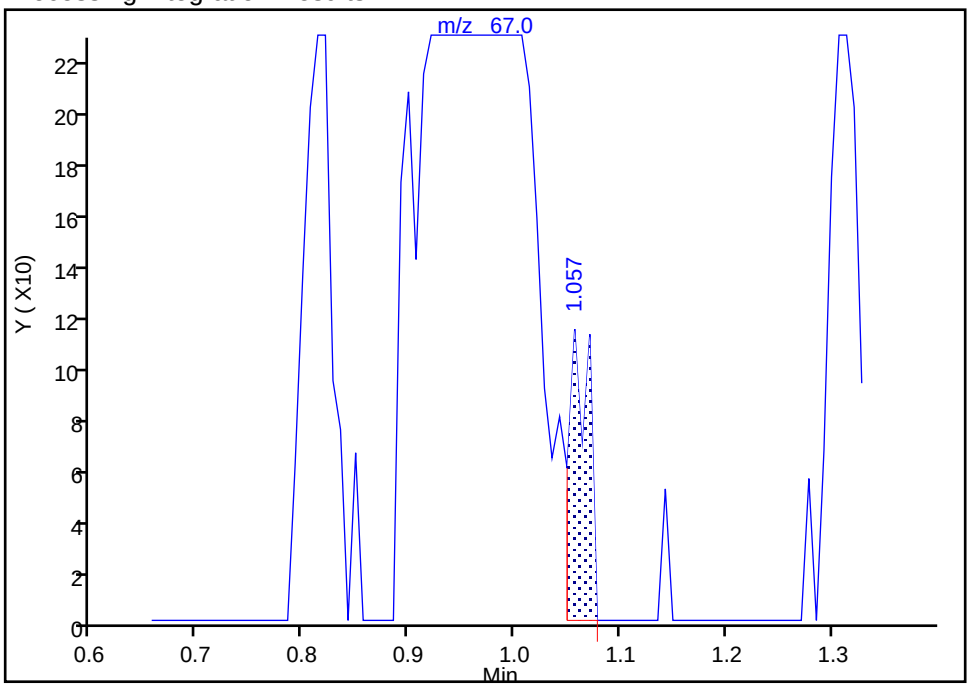
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63474.D
Injection Date: 21-Sep-2020 11:14:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

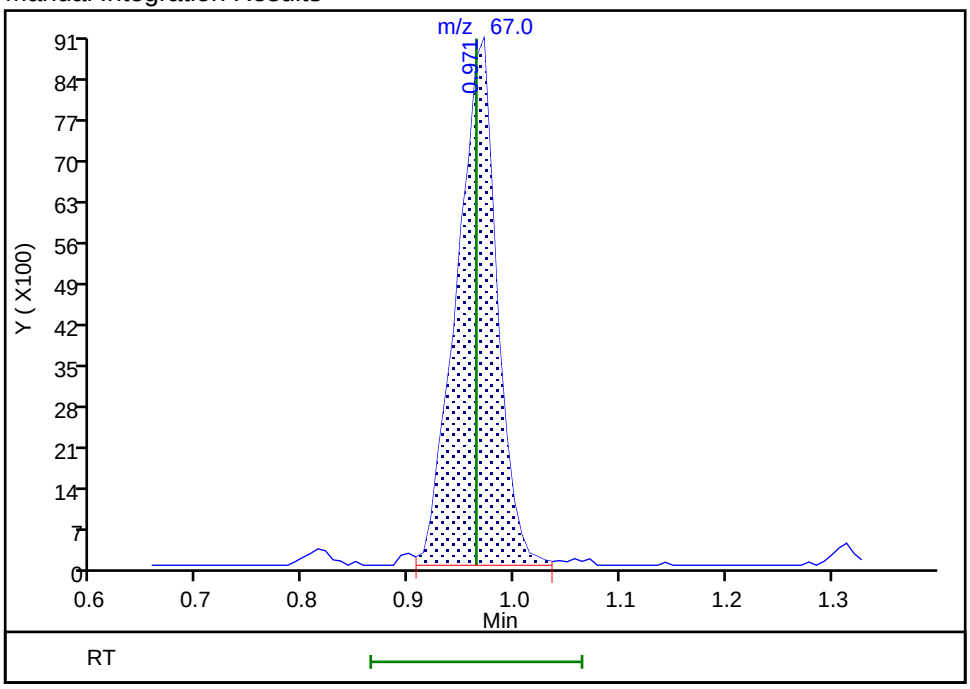
Processing Integration Results

RT: 1.06
Area: 150
Amount: 0.393157
Amount Units: ug/l



Manual Integration Results

RT: 0.97
Area: 23870
Amount: 51.824445
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:34:31
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

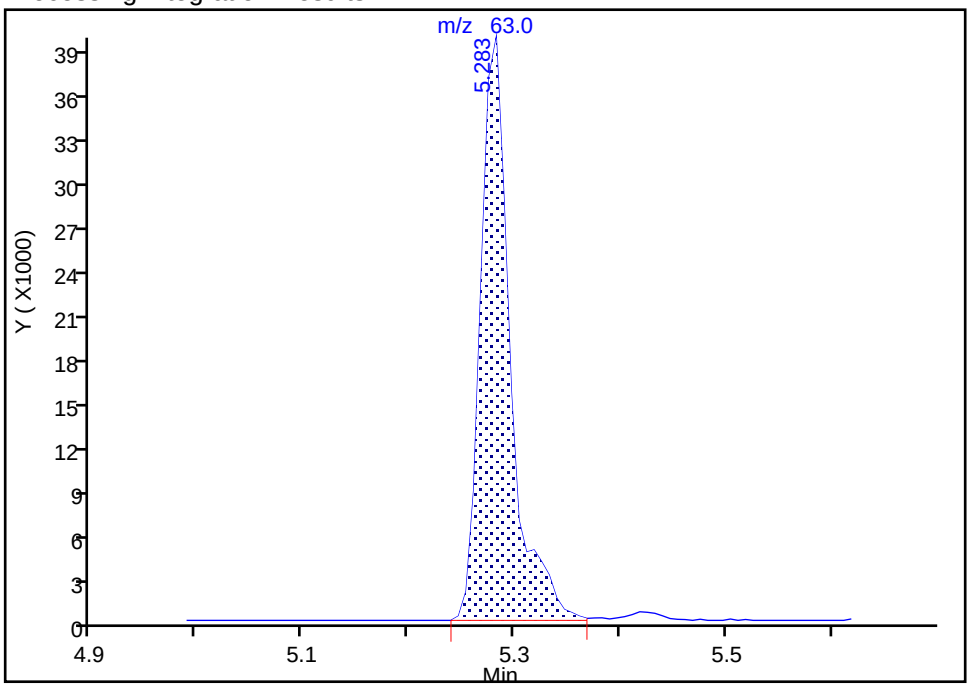
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63474.D
Injection Date: 21-Sep-2020 11:14:30 Instrument ID: CVOAMS12
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

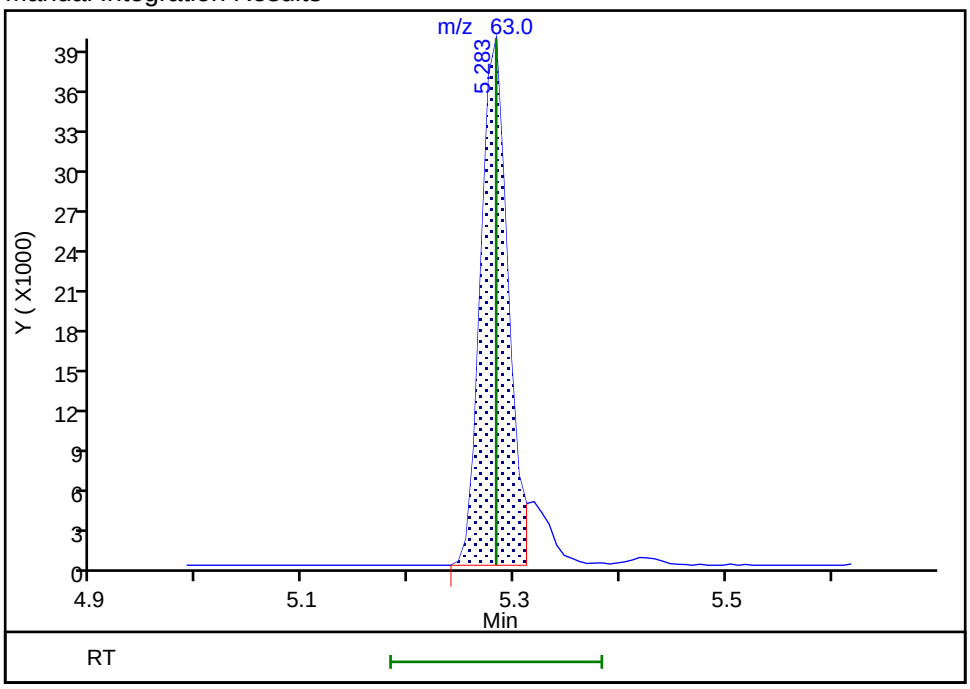
Processing Integration Results

RT: 5.28
Area: 78353
Amount: 49.362364
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 71860
Amount: 51.268116
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:34:54
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Sep-2020 11:39:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0117085-016
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:04:23 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: tupayachia Date: 22-Sep-2020 02:14:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	95	32418	200.0	200.4	a
2 Chlorotrifluoroethene	116	0.899	0.899	0.000	88	223736	200.0	234.9	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	99	650179	200.0	216.1	
3 1,1-Difluoroethane	65	0.942	0.942	0.000	97	275521	200.0	201.4	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	96	86092	200.0	193.5	
6 Chloromethane	50	1.057	1.057	0.000	98	568815	200.0	198.6	
7 Vinyl chloride	62	1.071	1.078	-0.007	98	530879	200.0	188.9	
8 Butadiene	54	1.093	1.093	0.000	97	483260	200.0	192.7	M
9 Bromomethane	94	1.250	1.257	-0.007	99	219468	200.0	151.4	
10 Chloroethane	64	1.307	1.307	0.000	99	265407	200.0	175.8	
11 Dichlorofluoromethane	67	1.421	1.421	0.000	98	638632	200.0	183.1	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	98	478257	200.0	177.6	
13 Pentane	72	1.500	1.500	0.000	96	144778	400.0	389.9	
14 Ethanol	46	1.572	1.579	-0.007	97	77899	8000.0	7691.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	95	311476	200.0	193.0	
15 Ethyl ether	59	1.622	1.622	0.000	96	305364	200.0	174.8	
17 2-Methyl-1,3-butadiene	53	1.629	1.629	0.000	94	335088	200.0	179.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.657	1.657	0.000	95	491072	200.0	176.5	
19 Acrolein	56	1.693	1.686	0.007	41	9488	200.0	226.2	
20 1,1-Dichloroethene	96	1.750	1.750	0.000	98	338444	200.0	183.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.758	1.757	0.001	98	354288	200.0	187.7	
22 Acetone	58	1.779	1.779	0.000	88	128567	1000.0	940.7	
23 Iodomethane	127	1.843	1.843	0.000	97	198220	200.0	205.7	
24 Isopropyl alcohol	45	1.872	1.872	0.000	99	203606	2000.0	1966.2	
25 Carbon disulfide	76	1.879	1.879	0.000	99	1026890	200.0	168.2	
27 Acetonitrile	38	1.972	1.972	0.000	86	133329	2000.0	2006.5	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	96	535621	200.0	205.4	
28 Methyl acetate	74	1.986	1.986	0.000	99	115077	400.0	388.0	
29 Cyclopentene	67	2.022	2.029	-0.007	96	977063	200.0	184.6	
30 Methylene Chloride	84	2.051	2.051	0.000	91	406753	200.0	178.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	99	168894	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.136	2.129	0.007	99	342371	2000.0	1878.5	
33 Acrylonitrile	53	2.208	2.208	0.000	96	1222840	2000.0	1949.2	M
34 trans-1,2-Dichloroethene	96	2.229	2.229	0.000	94	375866	200.0	182.5	
35 Methyl tert-butyl ether	73	2.237	2.237	0.000	97	1045500	200.0	177.4	
36 Hexane	57	2.430	2.430	0.000	93	652008	200.0	203.3	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	100	713690	200.0	183.6	
38 Vinyl acetate	86	2.573	2.573	0.000	100	179304	400.0	422.2	
39 Isopropyl ether	45	2.594	2.594	0.000	92	1230125	200.0	172.5	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	70	378651	200.0	184.1	
41 Tert-butyl ethyl ether	59	2.866	2.866	0.000	89	1305650	200.0	186.4	
* 42 2-Butanone-d5	46	2.937	2.930	0.007	97	209450	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	94	423271	200.0	186.1	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	79	136877	200.0	196.1	
45 2-Butanone (MEK)	72	2.980	2.980	0.000	99	208507	1000.0	959.9	
46 Propionitrile	52	3.030	3.023	0.007	98	83386	2000.0	1867.6	
47 Ethyl acetate	70	3.045	3.045	0.000	100	83856	400.0	388.3	
48 Methyl acrylate	55	3.073	3.066	0.007	99	356986	200.0	182.9	
49 Methacrylonitrile	67	3.159	3.152	0.007	91	1433559	2000.0	1778.2	
50 Chlorobromomethane	128	3.159	3.159	0.000	46	183587	200.0	176.5	
51 Tetrahydrofuran	42	3.202	3.202	0.000	96	209103	400.0	367.0	
52 Chloroform	83	3.230	3.230	0.000	99	617668	200.0	180.3	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.366	0.000	97	102663	50.0	50.1	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	98	562775	200.0	194.4	
55 Cyclohexane	84	3.438	3.438	0.000	91	636179	200.0	196.8	
56 Carbon tetrachloride	117	3.531	3.531	0.000	97	460602	200.0	206.0	
57 1,1-Dichloropropene	75	3.531	3.531	0.000	98	558383	200.0	189.8	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.659	3.659	0.000	0	113259	50.0	49.0	
59 Isobutyl alcohol	43	3.681	3.674	0.007	95	452182	5000.0	5493.6	
60 Benzene	78	3.717	3.717	0.000	95	1636011	200.0	177.2	
61 1,2-Dichloroethane	62	3.731	3.731	0.000	97	457810	200.0	177.3	
62 Isooctane	57	3.817	3.817	0.000	95	1253960	200.0	199.7	
63 Isopropyl acetate	61	3.831	3.824	0.007	93	151363	200.0	188.1	
64 Tert-amyl methyl ether	73	3.853	3.845	0.008	99	1138816	200.0	184.8	
* 65 Fluorobenzene	96	3.988	3.988	0.000	99	443227	50.0	50.0	
66 n-Heptane	43	4.010	4.010	0.000	93	567054	200.0	210.7	
67 n-Butanol	56	4.346	4.339	0.007	87	312056	5000.0	5634.5	
68 Trichloroethene	95	4.353	4.353	0.000	99	417020	200.0	192.3	
69 Ethyl acrylate	55	4.510	4.510	0.000	99	569508	200.0	207.7	
70 Methylcyclohexane	83	4.560	4.553	0.007	96	769827	200.0	203.8	
71 1,2-Dichloropropane	63	4.582	4.582	0.000	93	430164	200.0	184.4	
* 72 1,4-Dioxane-d8	96	4.696	4.696	0.000	0	23889	1000.0	1000.0	
73 Dibromomethane	93	4.703	4.703	0.000	98	229737	200.0	186.4	
74 1,4-Dioxane	88	4.753	4.753	0.000	94	97318	4000.0	3746.0	
75 Methyl methacrylate	100	4.761	4.761	0.000	95	238544	400.0	391.6	
76 n-Propyl acetate	43	4.846	4.846	0.000	98	574087	200.0	189.2	
77 Dichlorobromomethane	83	4.896	4.896	0.000	99	528331	200.0	199.8	
78 2-Nitropropane	41	5.161	5.154	0.007	98	176443	400.0	465.5	
79 2-Chloroethyl vinyl ether	63	5.283	5.283	0.000	95	296212	200.5	217.4	M
80 Epichlorohydrin	57	5.325	5.325	0.000	99	883027	4000.0	4477.3	
81 cis-1,3-Dichloropropene	75	5.426	5.426	0.000	92	752217	200.0	187.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.647	5.640	0.007	95	1841148	1000.0	967.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	5.747	5.747	0.000	100	455309	50.0	47.5	
84 Toluene	91	5.826	5.826	0.000	94	1814948	200.0	181.0	
85 trans-1,3-Dichloropropene	75	6.133	6.133	0.000	97	706296	200.0	201.2	
86 Ethyl methacrylate	69	6.319	6.319	0.000	90	593237	200.0	192.9	
87 1,1,2-Trichloroethane	83	6.362	6.355	0.007	94	318140	200.0	181.1	
88 Tetrachloroethene	166	6.534	6.527	0.007	97	447818	200.0	191.7	
89 1,3-Dichloropropane	76	6.577	6.570	0.007	94	665059	200.0	178.5	
90 2-Hexanone	43	6.756	6.748	0.008	94	1298100	1000.0	982.1	
91 Chlorodibromomethane	129	6.870	6.870	0.000	99	421504	200.0	208.2	
92 n-Butyl acetate	43	6.984	6.984	0.000	99	654560	200.0	184.8	
93 Ethylene Dibromide	107	6.992	6.991	0.001	98	392713	200.0	186.3	
* 94 Chlorobenzene-d5	117	7.685	7.685	0.000	84	388390	50.0	50.0	
95 Chlorobenzene	112	7.728	7.721	0.007	95	1256030	200.0	188.0	
96 1,1,1,2-Tetrachloroethane	131	7.871	7.864	0.007	97	408598	200.0	197.0	
97 Ethylbenzene	106	7.935	7.928	0.007	98	642368	200.0	182.8	
98 m-Xylene & p-Xylene	106	8.121	8.121	0.000	100	832156	200.0	185.0	
99 o-Xylene	106	8.715	8.708	0.007	95	842786	200.0	187.2	
100 Styrene	104	8.743	8.736	0.007	96	1308589	200.0	179.3	
101 n-Butyl acrylate	73	8.793	8.793	0.000	98	325788	200.0	188.7	
102 Bromoform	173	8.965	8.958	0.007	97	273840	200.0	220.5	
103 Amyl acetate (mixed isomers)	43	9.194	9.187	0.007	92	804369	200.0	198.6	
104 Isopropylbenzene	105	9.322	9.322	0.000	96	2038855	200.0	181.5	
$ 105 4-Bromofluorobenzene	174	9.523	9.523	0.000	88	144312	50.0	49.5	
106 Bromobenzene	156	9.716	9.709	0.007	99	521034	200.0	195.8	
107 1,1,2,2-Tetrachloroethane	83	9.830	9.823	0.007	99	523960	200.0	194.6	
108 1,2,3-Trichloropropane	110	9.852	9.844	0.008	99	140818	200.0	192.4	
109 trans-1,4-Dichloro-2-butene	53	9.930	9.930	0.000	94	148465	200.0	206.0	
110 N-Propylbenzene	91	9.995	9.987	0.008	99	2331745	200.0	188.8	
111 2-Chlorotoluene	91	10.073	10.066	0.007	97	1383263	200.0	180.8	
112 4-Ethyltoluene	105	10.195	10.195	0.000	99	1976219	200.0	191.7	
113 4-Chlorotoluene	91	10.259	10.252	0.007	97	1411173	200.0	183.7	
114 1,3,5-Trimethylbenzene	105	10.316	10.309	0.007	93	1496672	200.0	190.0	
115 Butyl Methacrylate	87	10.595	10.595	0.000	90	664623	200.0	210.8	
116 tert-Butylbenzene	119	10.831	10.831	0.000	95	1486071	200.0	191.3	
117 1,2,4-Trimethylbenzene	105	10.917	10.917	0.000	97	1498656	200.0	190.4	
118 sec-Butylbenzene	105	11.203	11.196	0.007	99	2164251	200.0	194.8	
119 1,3-Dichlorobenzene	146	11.289	11.289	0.000	95	932924	200.0	186.7	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.396	0.000	95	185633	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.432	11.425	0.007	96	931934	200.0	191.8	
122 4-Isopropyltoluene	119	11.453	11.446	0.007	98	1641541	200.0	191.8	
123 1,2,3-Trimethylbenzene	105	11.546	11.546	0.000	98	1512506	200.0	197.2	
124 Benzyl chloride	126	11.646	11.646	0.000	99	226745	200.0	234.4	
125 2,3-Dihydroindene	117	11.782	11.775	0.007	95	1714002	200.0	191.6	
126 1,2-Dichlorobenzene	146	11.911	11.911	0.000	96	923042	200.0	193.0	
127 p-Diethylbenzene	119	11.968	11.961	0.007	94	865044	200.0	199.7	
128 n-Butylbenzene	92	11.990	11.989	0.001	97	771254	200.0	196.0	
129 1,2-Dibromo-3-Chloropropane	157	12.797	12.797	0.000	97	119748	200.0	223.0	
130 1,2,4,5-Tetramethylbenzene	119	12.819	12.819	0.000	97	994377	200.0	214.4	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	98	571289	200.0	209.4	
132 1,2,4-Trichlorobenzene	180	13.584	13.577	0.007	94	504646	200.0	219.9	
133 Hexachlorobutadiene	225	13.756	13.756	0.000	93	230168	200.0	198.9	
134 Naphthalene	128	13.777	13.777	0.000	99	929109	200.0	230.0	

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	13.984	13.984	0.000	96	422817	200.0	216.8	
S 137 1,2-Dichloroethene, Total	100				0		400.0	368.7	
S 138 Xylenes, Total	100				0		400.0	372.2	
S 139 Total BTEX	1				0		1000.0	913.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	20.00	Units: uL	
GAS Hi_00371	Amount Added:	20.00	Units: uL	
Ethanol mix_00044	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	20.00	Units: uL	
MIX I Hi_00129	Amount Added:	20.00	Units: uL	
8FreonHi_00023	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:04:29 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D

Injection Date: 21-Sep-2020 11:39:30 Instrument ID: CVOAMS12 Operator ID:

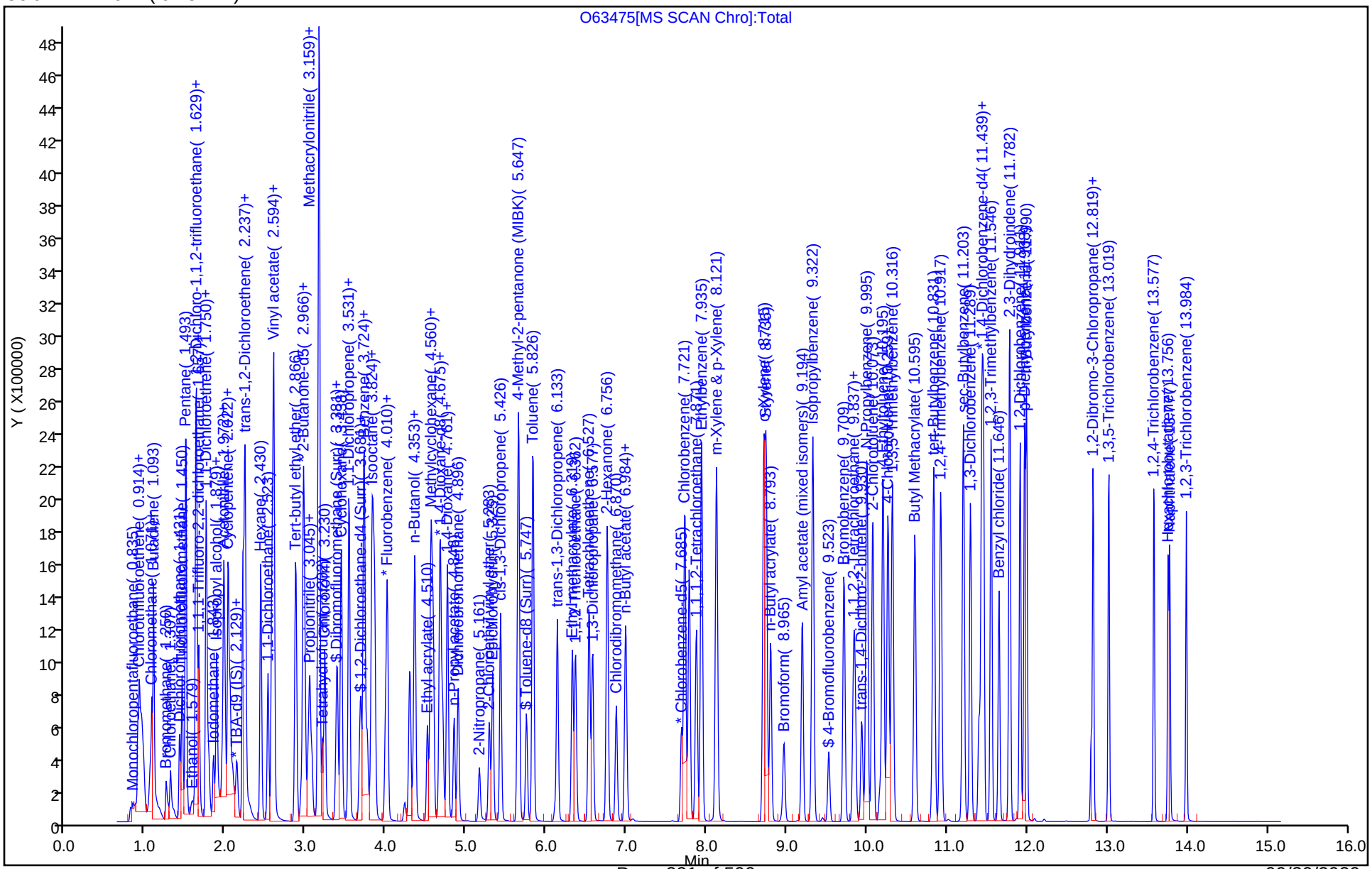
Lims ID: STD200 Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

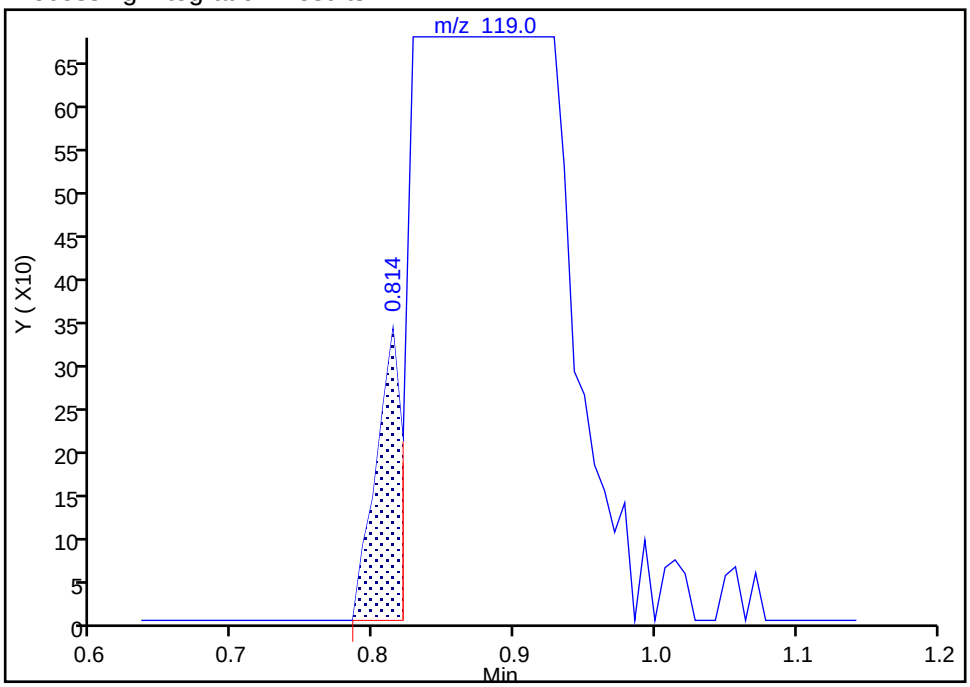
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D
Injection Date: 21-Sep-2020 11:39:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

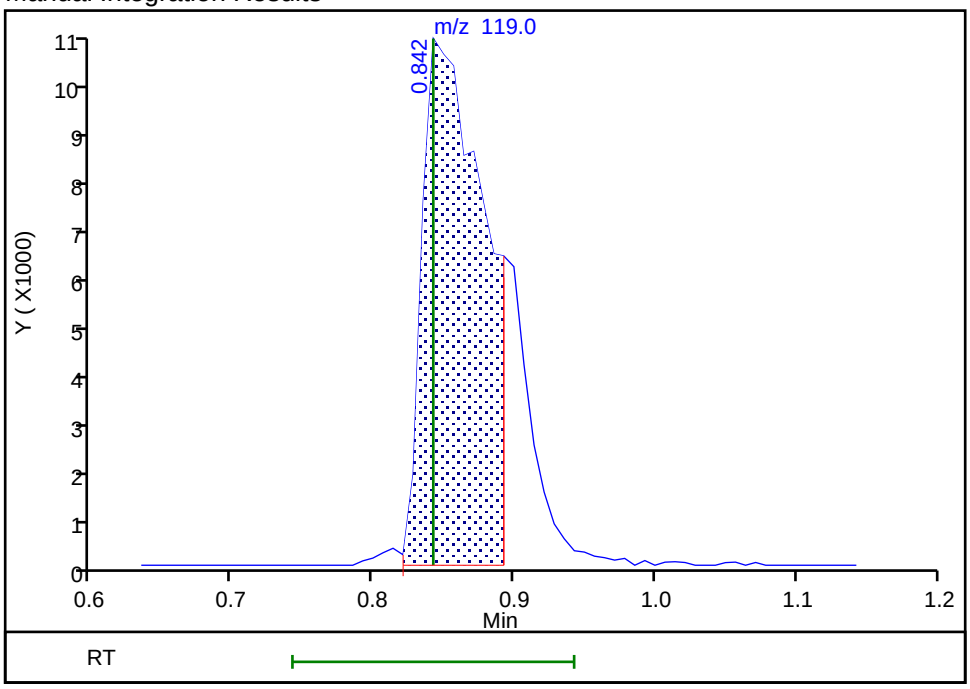
Processing Integration Results

RT: 0.81
Area: 438
Amount: 5.686326
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 32418
Amount: 200.4261
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:35:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

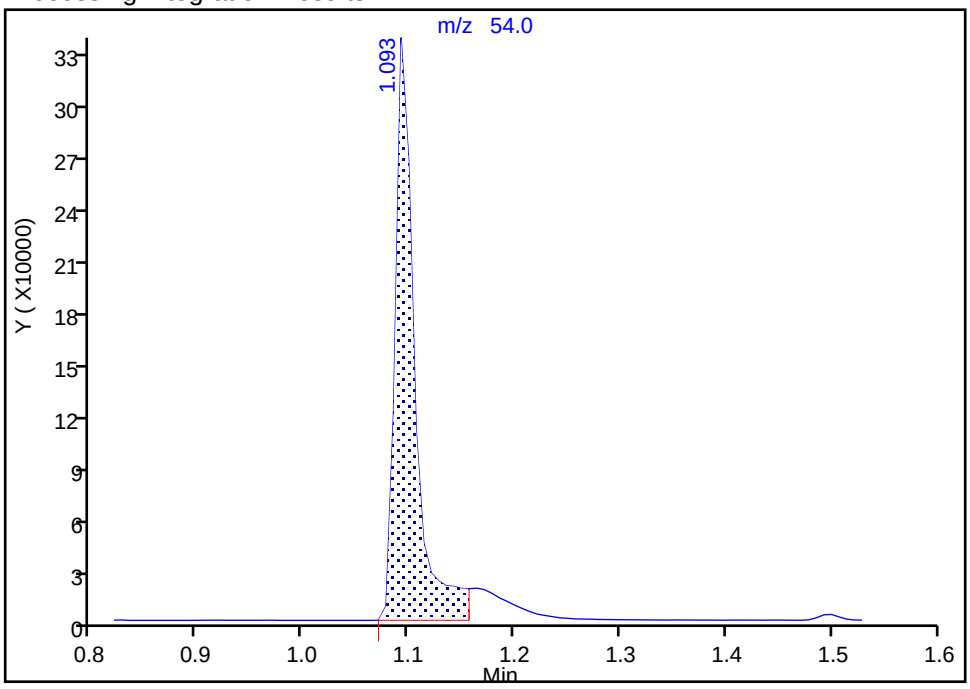
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D
Injection Date: 21-Sep-2020 11:39:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

8 Butadiene, CAS: 106-99-0

Signal: 1

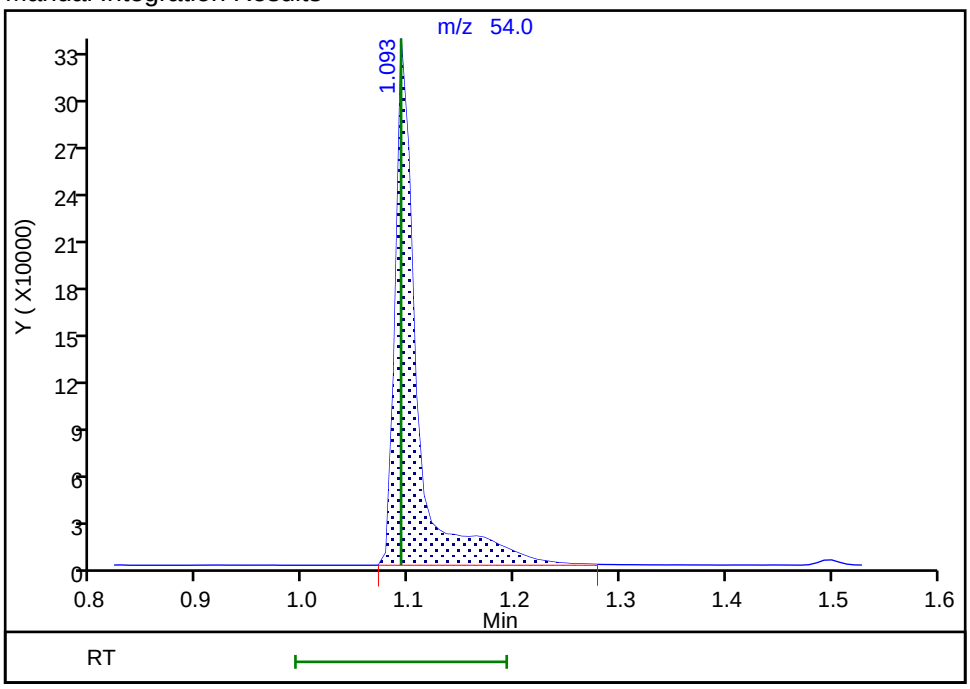
Processing Integration Results

RT: 1.09
Area: 435216
Amount: 175.9673
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 483260
Amount: 192.7185
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:35:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

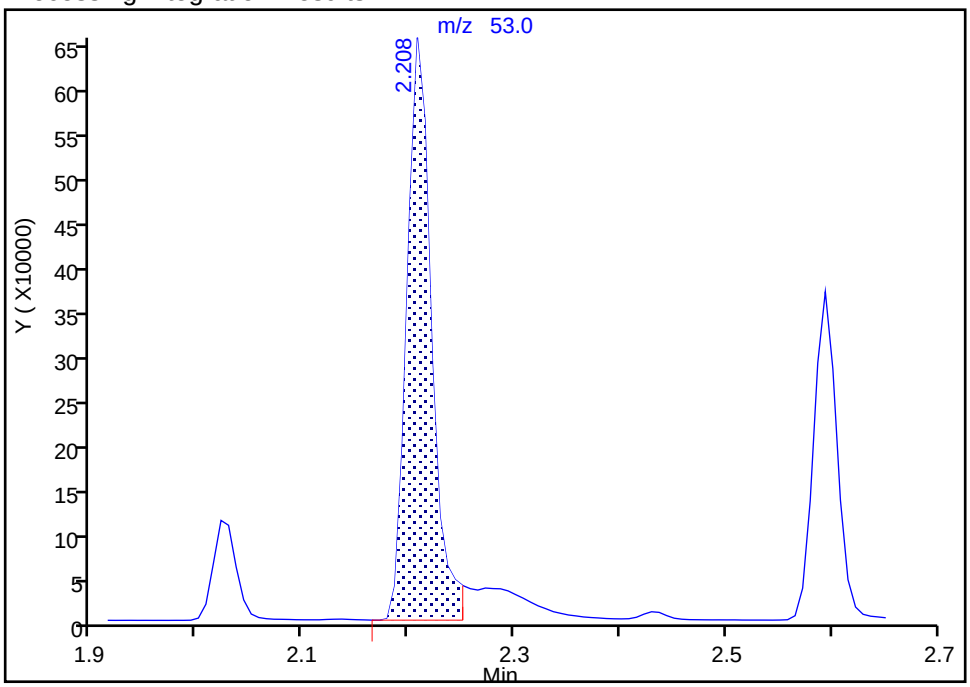
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D
Injection Date: 21-Sep-2020 11:39:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

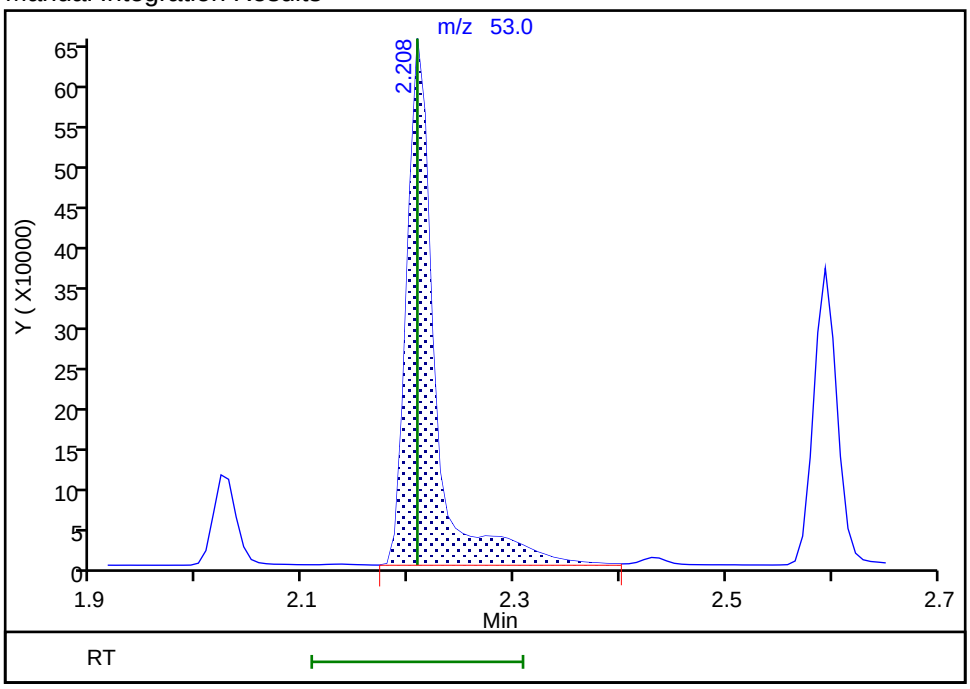
Processing Integration Results

RT: 2.21
Area: 1067107
Amount: 1761.4118
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 1222840
Amount: 1949.1535
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:36:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

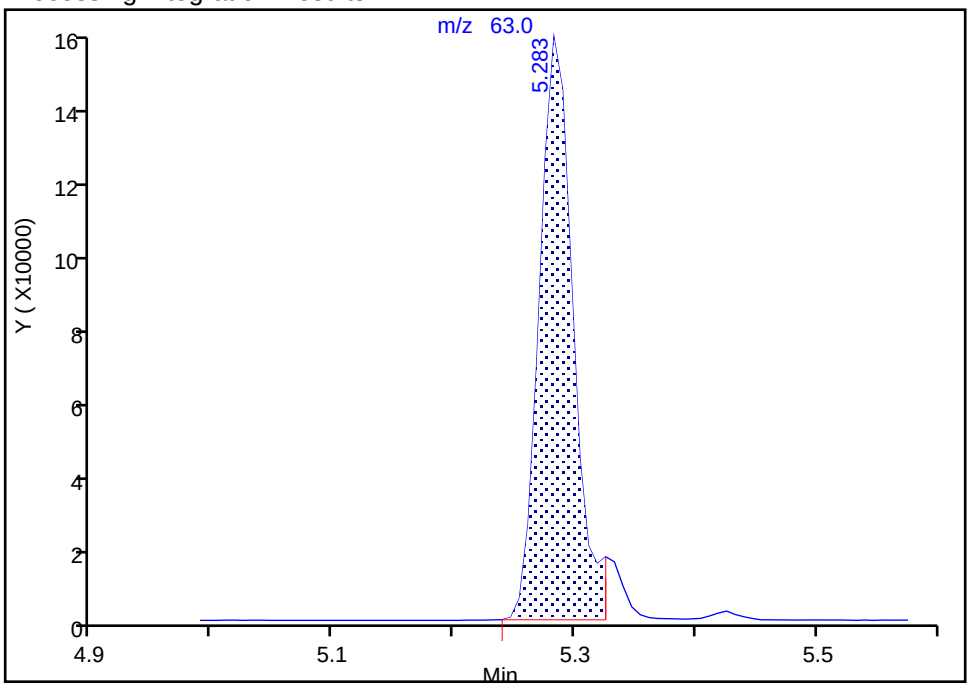
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63475.D
Injection Date: 21-Sep-2020 11:39:30 Instrument ID: CVOAMS12
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

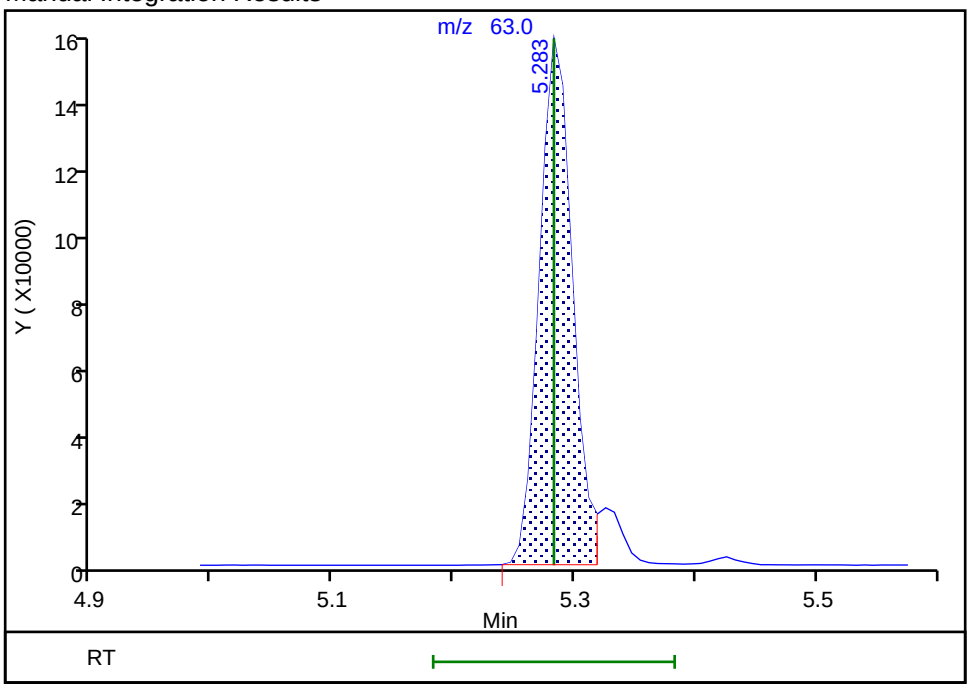
Processing Integration Results

RT: 5.28
Area: 303432
Amount: 202.8388
Amount Units: ug/l



Manual Integration Results

RT: 5.28
Area: 296212
Amount: 217.3818
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:36:23
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 21-Sep-2020 12:04:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0117085-017
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub26

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:04:42 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: kluseys Date: 21-Sep-2020 14:31:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	95	103698	500.0	621.2	a
2 Chlorotrifluoroethene	116	0.900	0.900	0.000	87	516482	500.0	567.0	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	98	1513912	500.0	488.4	
3 1,1-Difluoroethane	65	0.935	0.935	0.000	96	603059	500.0	427.9	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	97	185988	500.0	405.9	
6 Chloromethane	50	1.057	1.057	0.000	98	1343816	500.0	455.4	
7 Vinyl chloride	62	1.071	1.071	0.000	98	1234668	500.0	426.5	
8 Butadiene	54	1.093	1.093	0.000	97	1113021	500.0	430.9	
9 Bromomethane	94	1.250	1.250	0.000	99	386910	500.0	255.4	
10 Chloroethane	64	1.300	1.300	0.000	100	453537	500.0	291.7	
11 Dichlorofluoromethane	67	1.414	1.414	0.000	99	1512836	500.0	421.0	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	99	1300407	500.0	468.8	M
13 Pentane	72	1.493	1.493	0.000	96	322884	1000.0	844.1	
14 Ethanol	46	1.608	1.608	0.000	95	176659	20000	16695	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	82	641788	500.0	386.1	
15 Ethyl ether	59	1.622	1.622	0.000	94	658462	500.0	365.8	
17 2-Methyl-1,3-butadiene	53	1.629	1.629	0.000	92	748107	500.0	389.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.658	1.658	0.000	94	1187894	500.0	414.5	
19 Acrolein	56	1.693	1.693	0.000	71	23289	400.0	531.3	
20 1,1-Dichloroethene	96	1.751	1.751	0.000	98	829738	500.0	437.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.751	1.751	0.000	99	838698	500.0	431.3	
22 Acetone	58	1.786	1.786	0.000	88	311390	2500.0	2391.3	
23 Iodomethane	127	1.843	1.843	0.000	97	441515	500.0	444.7	
24 Isopropyl alcohol	45	1.894	1.894	0.000	97	489730	5000.0	4526.3	
25 Carbon disulfide	76	1.879	1.879	0.000	99	2350534	500.0	373.8	
27 Acetonitrile	38	1.972	1.972	0.000	86	256634	5000.0	3696.5	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	96	1323221	500.0	499.2	
28 Methyl acetate	74	1.994	1.994	0.000	99	256943	1000.0	829.1	
29 Cyclopentene	67	2.022	2.022	0.000	97	2274237	500.0	417.2	
30 Methylene Chloride	84	2.051	2.051	0.000	92	989872	500.0	421.2	

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)	65	2.094	2.094	0.000	99	176465	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.144	2.144	0.000	99	876533	5000.0	4603.1	
33 Acrylonitrile	53	2.215	2.215	0.000	96	2873643	5000.0	4446.5	M
34 trans-1,2-Dichloroethene	96	2.230	2.230	0.000	94	858301	500.0	404.6	
35 Methyl tert-butyl ether	73	2.244	2.244	0.000	97	2366645	500.0	389.9	
36 Hexane	57	2.430	2.430	0.000	92	1525518	500.0	461.8	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	100	1644499	500.0	410.8	
38 Vinyl acetate	86	2.573	2.573	0.000	100	414635	1000.0	1021.1	
39 Isopropyl ether	45	2.594	2.594	0.000	89	2691856	500.0	366.4	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	89	877328	500.0	414.1	
41 Tert-butyl ethyl ether	59	2.873	2.873	0.000	90	3040977	500.0	421.4	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	98	200292	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	94	990078	500.0	422.6	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	95	317125	500.0	441.1	
45 2-Butanone (MEK)	72	2.995	2.995	0.000	99	494376	2500.0	2380.0	
46 Propionitrile	52	3.045	3.045	0.000	97	208415	5000.0	4467.6	
47 Ethyl acetate	70	3.052	3.052	0.000	100	199798	1000.0	967.6	
48 Methyl acrylate	55	3.080	3.080	0.000	98	1014150	500.0	504.5	
49 Methacrylonitrile	67	3.181	3.181	0.000	90	3230210	5000.0	3889.7	
50 Chlorobromomethane	128	3.166	3.166	0.000	90	434182	500.0	405.2	
51 Tetrahydrofuran	42	3.216	3.216	0.000	89	488235	1000.0	896.0	
52 Chloroform	83	3.238	3.238	0.000	99	1443416	500.0	409.0	
$ 53 Dibromofluoromethane (Surr)	113	3.374	3.374	0.000	97	103104	50.0	48.8	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	98	1347275	500.0	451.8	
55 Cyclohexane	84	3.438	3.438	0.000	90	1498374	500.0	450.0	
56 Carbon tetrachloride	117	3.538	3.538	0.000	98	1091081	500.0	473.8	
57 1,1-Dichloropropene	75	3.538	3.538	0.000	98	1279445	500.0	422.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.667	3.667	0.000	0	117574	50.0	49.4	
59 Isobutyl alcohol	43	3.695	3.695	0.000	95	1078644	12500	12542	a
60 Benzene	78	3.724	3.724	0.000	96	3721994	500.0	384.6	
61 1,2-Dichloroethane	62	3.738	3.738	0.000	97	1054361	500.0	396.3	
62 Isooctane	57	3.824	3.824	0.000	97	2881919	500.0	445.5	
63 Isopropyl acetate	61	3.838	3.838	0.000	99	351038	500.0	423.6	
64 Tert-amyl methyl ether	73	3.860	3.860	0.000	91	2663838	500.0	419.6	
* 65 Fluorobenzene	96	3.989	3.989	0.000	99	456582	50.0	50.0	
66 n-Heptane	43	4.017	4.017	0.000	92	1325825	500.0	478.2	
67 n-Butanol	56	4.368	4.368	0.000	86	736925	12500	12735	
68 Trichloroethene	95	4.360	4.360	0.000	99	979519	500.0	438.6	
69 Ethyl acrylate	55	4.518	4.518	0.000	99	1428423	500.0	505.8	
70 Methylcyclohexane	83	4.561	4.561	0.000	96	1775905	500.0	456.4	
71 1,2-Dichloropropane	63	4.589	4.589	0.000	93	1003965	500.0	417.8	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	26080	1000.0	1000.0	
73 Dibromomethane	93	4.711	4.711	0.000	98	548281	500.0	431.8	
74 1,4-Dioxane	88	4.768	4.768	0.000	29	238232	10000	8399.8	
75 Methyl methacrylate	100	4.775	4.775	0.000	90	577773	1000.0	920.8	
76 n-Propyl acetate	43	4.854	4.854	0.000	98	1400259	500.0	447.9	
77 Dichlorobromomethane	83	4.904	4.904	0.000	99	1274549	500.0	467.8	
78 2-Nitropropane	41	5.168	5.168	0.000	97	478673	1000.0	1225.9	
79 2-Chloroethyl vinyl ether	63	5.290	5.290	0.000	95	735142	501.2	523.1	M
80 Epichlorohydrin	57	5.340	5.340	0.000	99	2048784	10000	10863	
81 cis-1,3-Dichloropropene	75	5.433	5.433	0.000	92	1765039	500.0	419.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.662	5.662	0.000	95	4153770	2500.0	2282.4	

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	5.755	5.755	0.000	100	463125	50.0	46.1	
84 Toluene	91	5.840	5.840	0.000	95	4217508	500.0	401.3	
85 trans-1,3-Dichloropropene	75	6.141	6.141	0.000	97	1688788	500.0	459.1	
86 Ethyl methacrylate	69	6.334	6.334	0.000	90	1418364	500.0	440.1	
87 1,1,2-Trichloroethane	83	6.370	6.370	0.000	96	740435	500.0	402.2	
88 Tetrachloroethene	166	6.534	6.534	0.000	97	1068884	500.0	436.5	
89 1,3-Dichloropropane	76	6.584	6.584	0.000	94	1575696	500.0	403.6	
90 2-Hexanone	43	6.770	6.770	0.000	94	3000666	2500.0	2373.9	
91 Chlorodibromomethane	129	6.877	6.877	0.000	98	1042935	500.0	491.6	
92 n-Butyl acetate	43	6.992	6.992	0.000	98	1547763	500.0	417.0	
93 Ethylene Dibromide	107	7.006	7.006	0.000	99	925173	500.0	418.7	
* 94 Chlorobenzene-d5	117	7.692	7.692	0.000	84	407054	50.0	50.0	
95 Chlorobenzene	112	7.735	7.735	0.000	95	2961630	500.0	422.9	
96 1,1,1,2-Tetrachloroethane	131	7.878	7.878	0.000	97	985243	500.0	453.2	
97 Ethylbenzene	106	7.943	7.943	0.000	98	1550379	500.0	421.1	
98 m-Xylene & p-Xylene	106	8.129	8.129	0.000	99	1984744	500.0	421.0	
99 o-Xylene	106	8.722	8.722	0.000	95	1973182	500.0	418.2	
100 Styrene	104	8.751	8.751	0.000	96	3013990	500.0	394.0	
101 n-Butyl acrylate	73	8.808	8.808	0.000	99	796367	500.0	440.1	
102 Bromoform	173	8.972	8.972	0.000	96	702190	500.0	539.4	
103 Amyl acetate (mixed isomers)	43	9.201	9.201	0.000	92	1895555	500.0	455.3	
104 Isopropylbenzene	105	9.330	9.330	0.000	96	4734460	500.0	402.1	
$ 105 4-Bromofluorobenzene	174	9.530	9.530	0.000	88	149594	50.0	49.0	
106 Bromobenzene	156	9.723	9.723	0.000	99	1249747	500.0	456.7	
107 1,1,2,2-Tetrachloroethane	83	9.837	9.837	0.000	98	1241595	500.0	448.6	
108 1,2,3-Trichloropropane	110	9.859	9.859	0.000	99	333673	500.0	443.4	
109 trans-1,4-Dichloro-2-butene	53	9.945	9.945	0.000	94	366309	500.0	494.5	
110 N-Propylbenzene	91	10.016	10.016	0.000	100	5351315	500.0	421.5	
111 2-Chlorotoluene	91	10.088	10.088	0.000	97	3317527	500.0	421.7	
112 4-Ethyltoluene	105	10.209	10.209	0.000	99	4697036	500.0	443.2	
113 4-Chlorotoluene	91	10.274	10.274	0.000	96	2973148	500.0	376.6	
114 1,3,5-Trimethylbenzene	105	10.331	10.331	0.000	94	3514199	500.0	433.9	
115 Butyl Methacrylate	87	10.610	10.610	0.000	89	1587527	500.0	489.8	
116 tert-Butylbenzene	119	10.846	10.846	0.000	95	3467299	500.0	434.3	
117 1,2,4-Trimethylbenzene	105	10.931	10.931	0.000	97	3530043	500.0	436.3	
118 sec-Butylbenzene	105	11.210	11.210	0.000	99	5034647	500.0	440.8	
119 1,3-Dichlorobenzene	146	11.303	11.303	0.000	95	2207271	500.0	429.6	
* 120 1,4-Dichlorobenzene-d4	152	11.403	11.403	0.000	95	190835	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.439	11.439	0.000	94	2182264	500.0	436.8	
122 4-Isopropyltoluene	119	11.461	11.461	0.000	98	3792956	500.0	431.0	
123 1,2,3-Trimethylbenzene	105	11.561	11.561	0.000	98	3575421	500.0	453.5	
124 Benzyl chloride	126	11.654	11.654	0.000	99	558782	500.0	561.9	
125 2,3-Dihydroindene	117	11.789	11.789	0.000	96	3895931	500.0	423.6	
126 1,2-Dichlorobenzene	146	11.918	11.918	0.000	95	2158946	500.0	439.1	
127 p-Diethylbenzene	119	11.975	11.975	0.000	94	2040002	500.0	458.2	
128 n-Butylbenzene	92	11.997	11.997	0.000	97	1797663	500.0	444.4	
129 1,2-Dibromo-3-Chloropropane	157	12.798	12.798	0.000	97	302752	500.0	548.5	
130 1,2,4,5-Tetramethylbenzene	119	12.826	12.826	0.000	98	2614435	500.0	548.3	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	97	1351598	500.0	481.9	
132 1,2,4-Trichlorobenzene	180	13.584	13.584	0.000	95	1228150	500.0	520.5	
133 Hexachlorobutadiene	225	13.763	13.763	0.000	96	520106	500.0	437.2	
134 Naphthalene	128	13.777	13.777	0.000	99	2450230	500.0	590.0	

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	13.985	13.985	0.000	95	1049837	500.0	523.7	
S 137 1,2-Dichloroethene, Total	100				0		1000.0	827.3	
S 138 Xylenes, Total	100				0		1000.0	839.2	
S 139 Total BTEX	1				0		2500.0	2046.2	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	40.00	Units: uL	
GAS Hi_00371	Amount Added:	50.00	Units: uL	
Ethanol mix_00044	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	50.00	Units: uL	
MIX I Hi_00129	Amount Added:	50.00	Units: uL	
8FreonHi_00023	Amount Added:	50.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:04:46 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12 Operator ID:

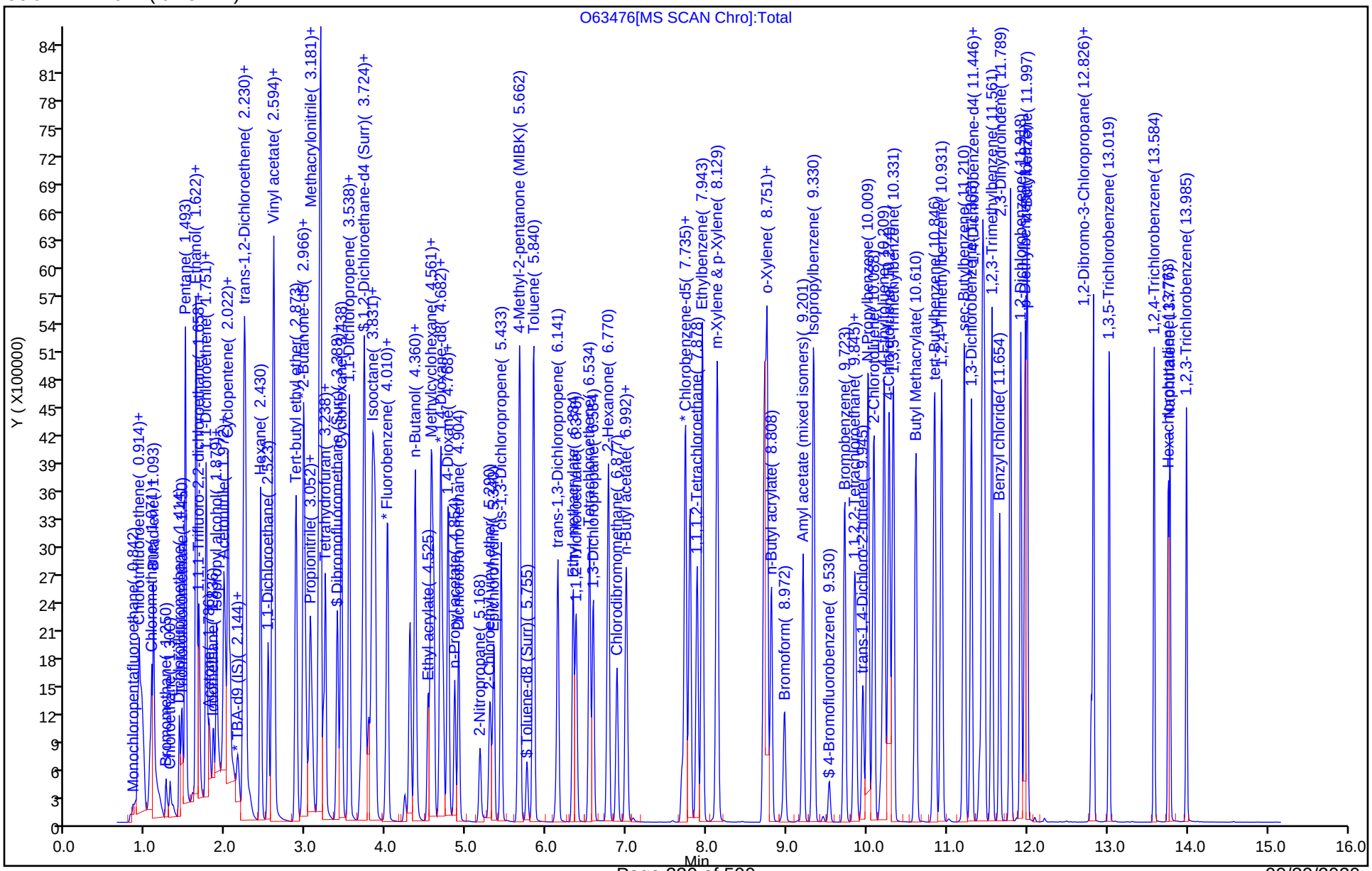
Lims ID: STD500 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

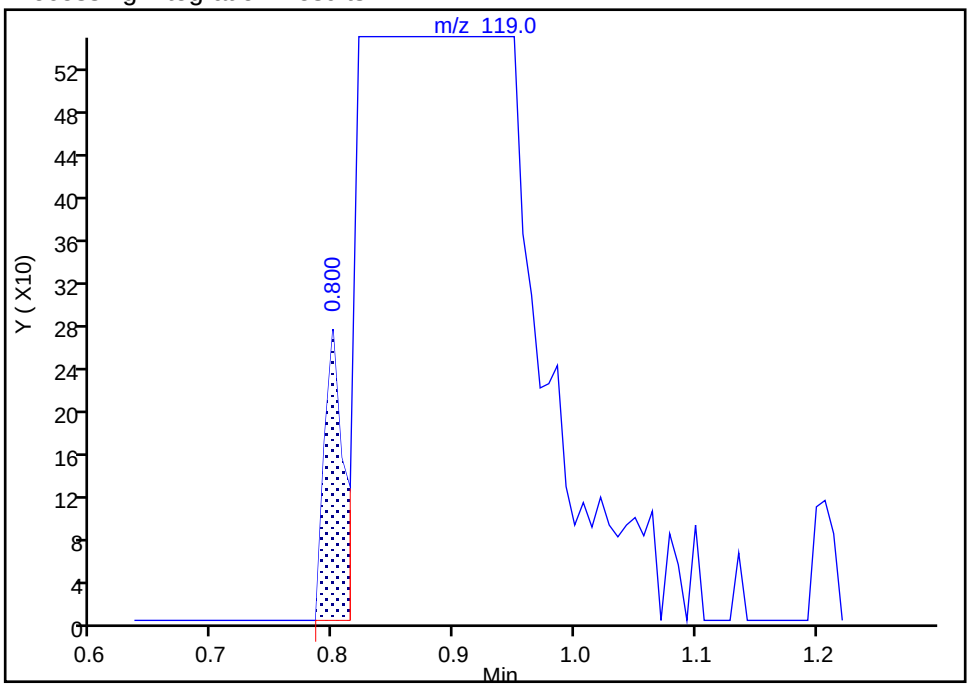
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

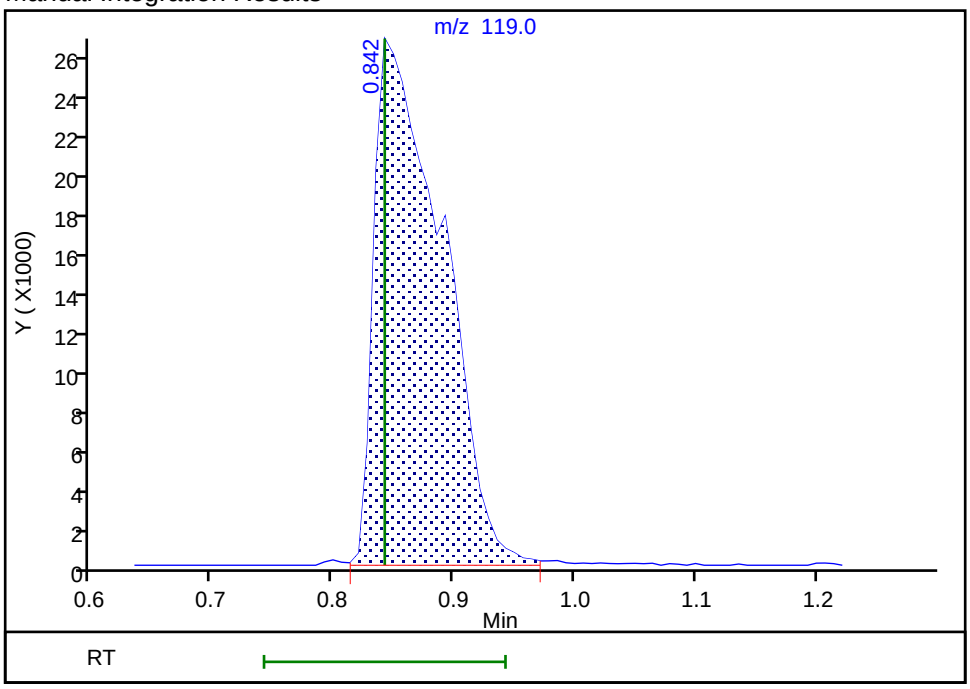
Processing Integration Results

RT: 0.80
Area: 306
Amount: 2.865147
Amount Units: ug/l



Manual Integration Results

RT: 0.84
Area: 103698
Amount: 621.1772
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:37:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

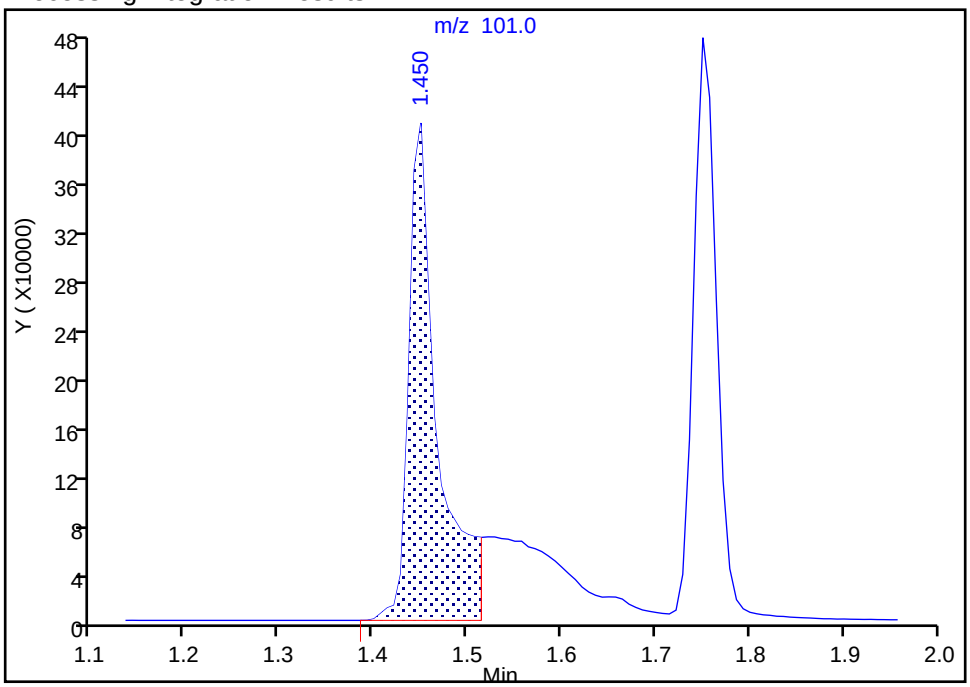
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

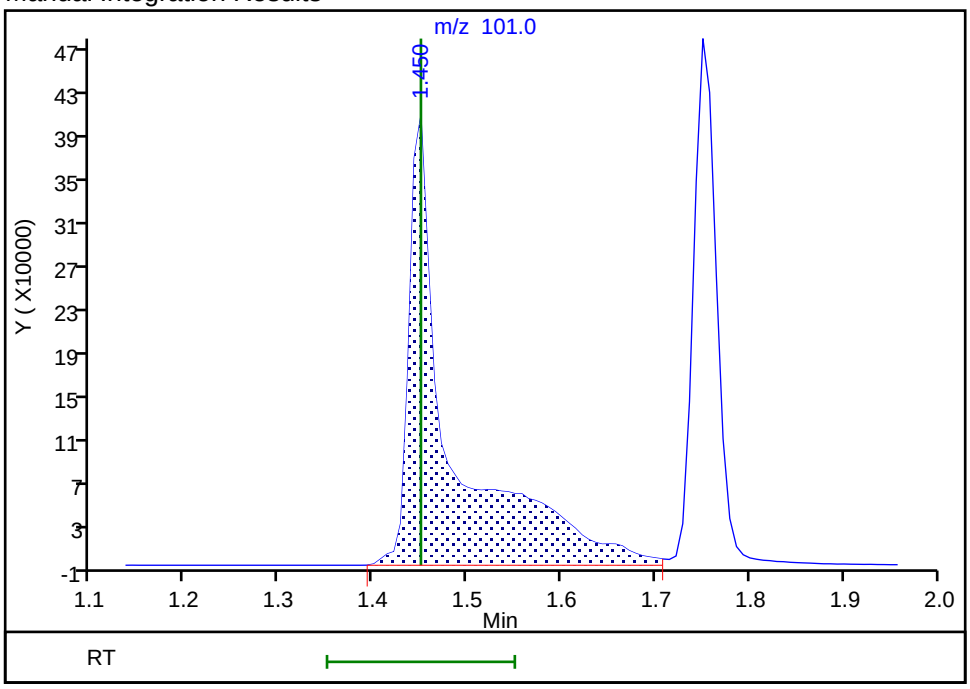
Processing Integration Results

RT: 1.45
Area: 873991
Amount: 332.1047
Amount Units: ug/l



Manual Integration Results

RT: 1.45
Area: 1300407
Amount: 468.8159
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:37:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

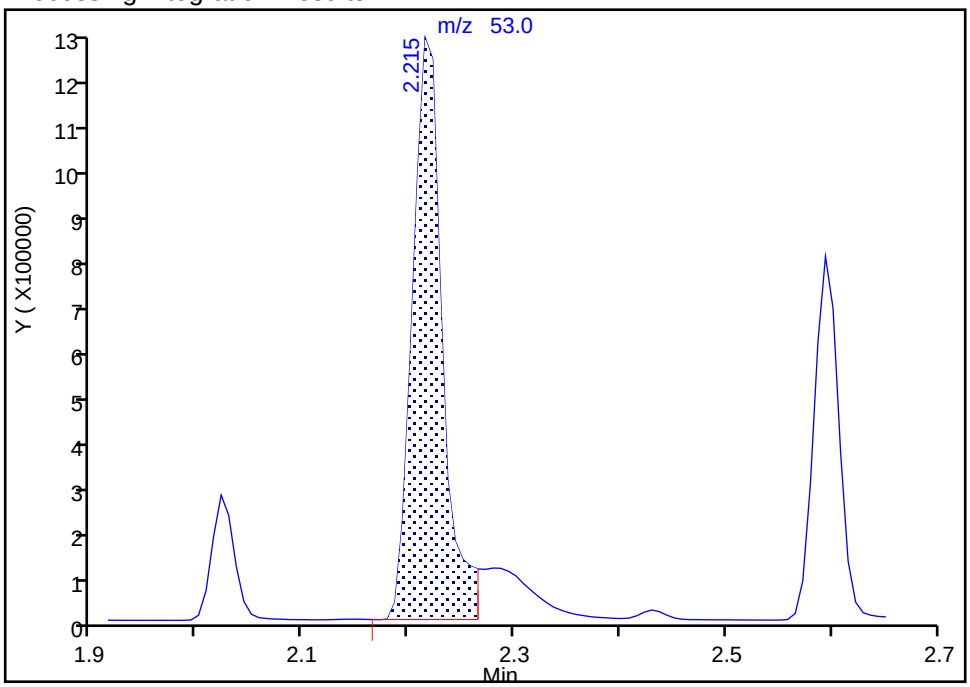
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

33 Acrylonitrile, CAS: 107-13-1

Signal: 1

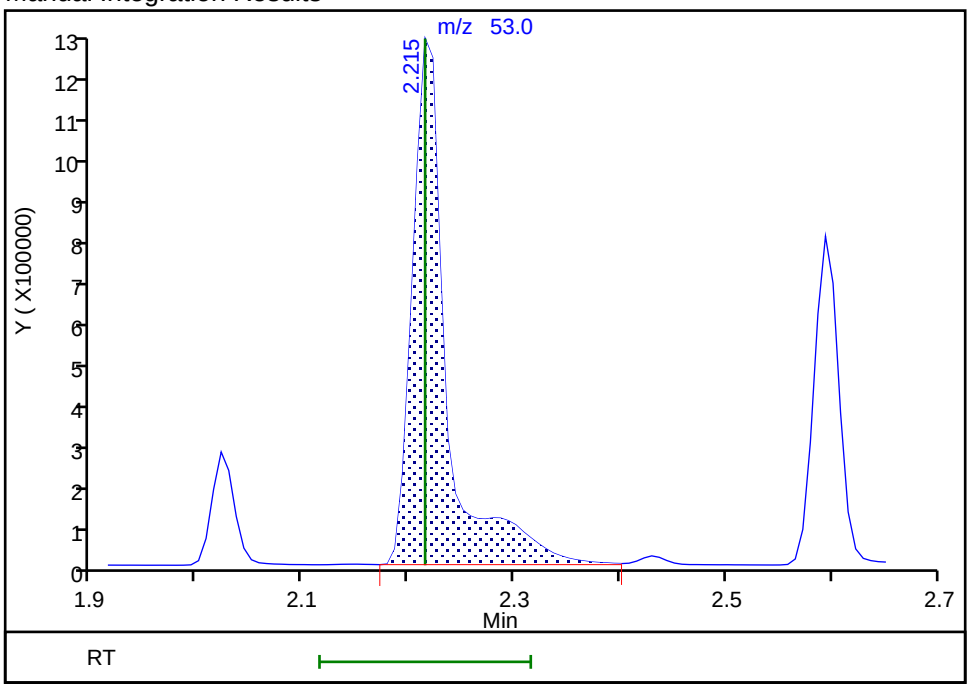
Processing Integration Results

RT: 2.22
Area: 2497913
Amount: 3930.3908
Amount Units: ug/l



Manual Integration Results

RT: 2.22
Area: 2873643
Amount: 4446.4832
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:38:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

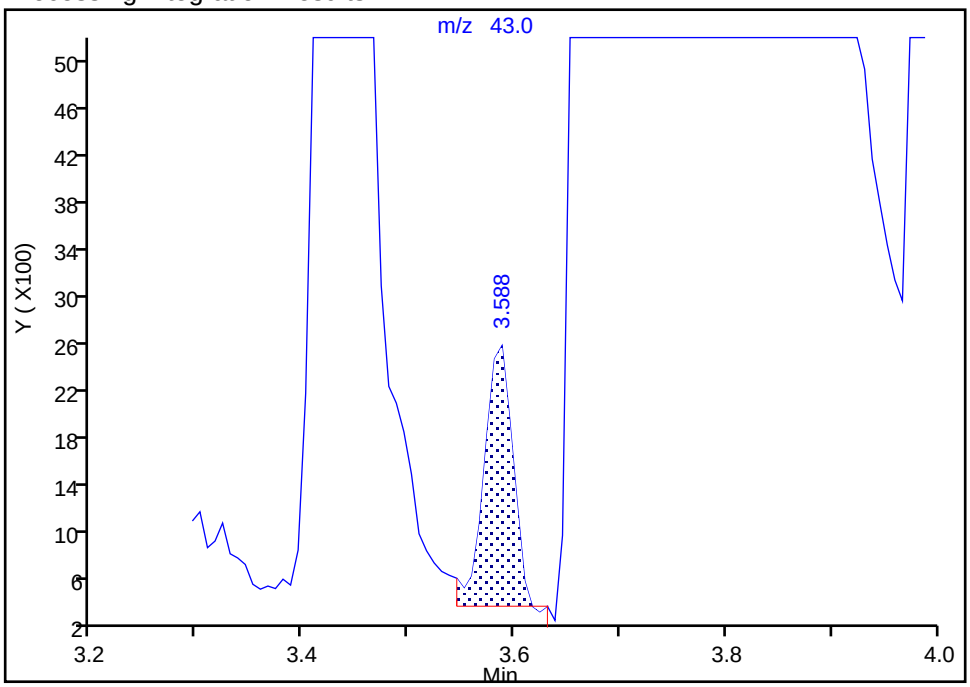
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

59 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

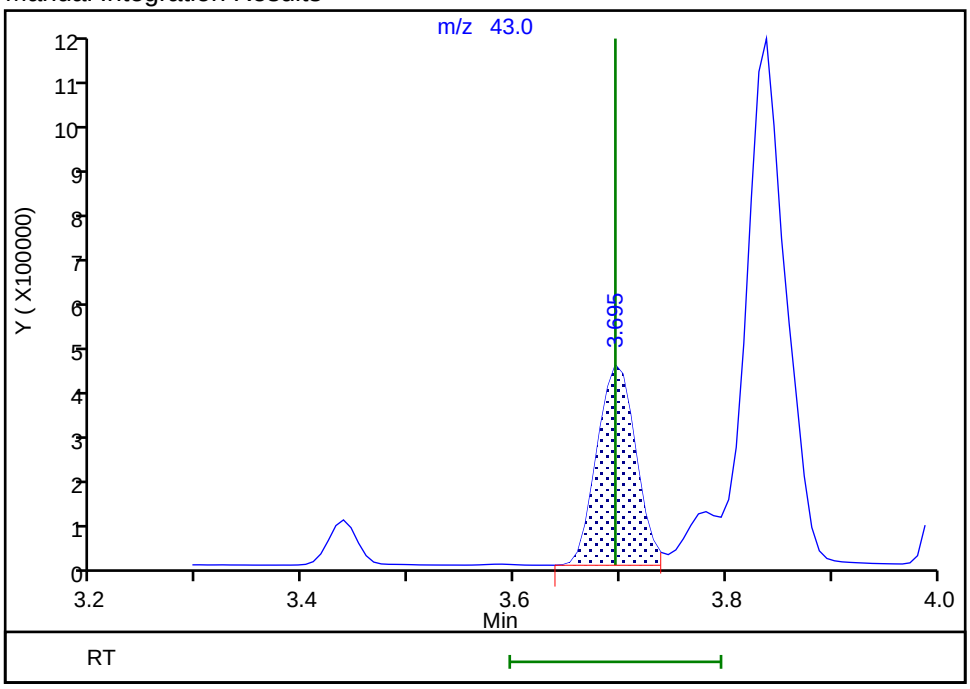
Processing Integration Results

RT: 3.59
Area: 4106
Amount: 57.287388
Amount Units: ug/l



Manual Integration Results

RT: 3.70
Area: 1078644
Amount: 12542
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:38:20
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

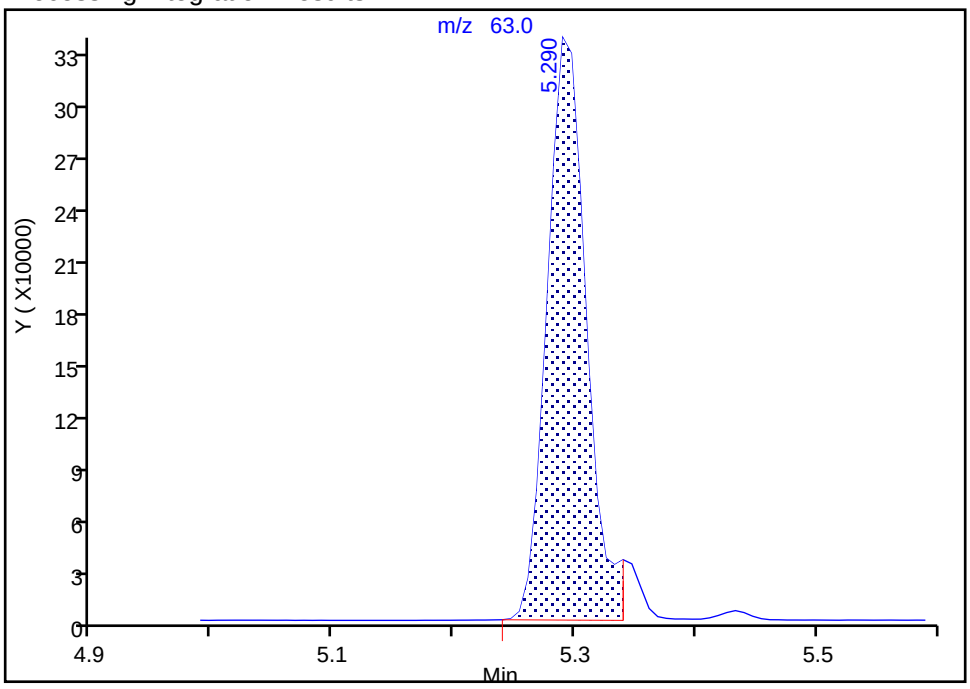
Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D
Injection Date: 21-Sep-2020 12:04:30 Instrument ID: CVOAMS12
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

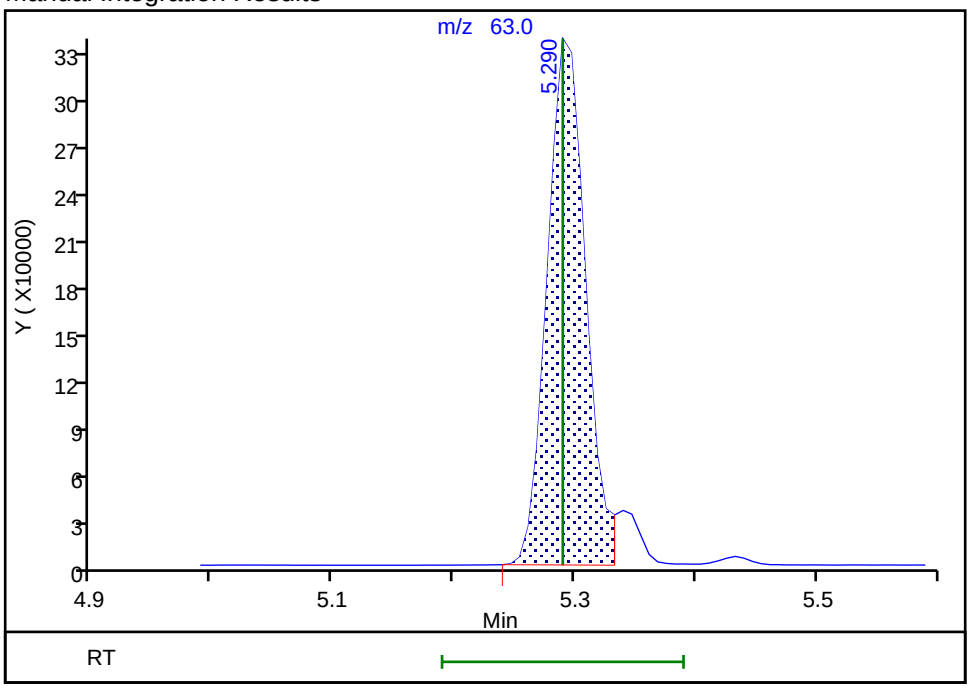
Processing Integration Results

RT: 5.29
Area: 750001
Amount: 500.9646
Amount Units: ug/l



Manual Integration Results

RT: 5.29
Area: 735142
Amount: 523.1027
Amount Units: ug/l



Reviewer: delpolitov, 23-Sep-2020 08:38:30
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-721970/3	P79352.D
Level 2	STD1 460-721970/4	P79354.D
Level 3	STD5 460-721970/5	P79355.D
Level 4	STD20 460-721970/6	P79356.D
Level 5	STD50 460-721970/7	P79357.D
Level 6	STD200 460-721970/8	P79358.D
Level 7	STD500 460-721970/9	P79359.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	+++++ 0.0233	0.0241 0.0248	0.0197	0.0207	0.0197	Ave		0.0221				10.4		20.0			
Chlorotrifluoroethene	+++++ 0.0895	0.0735 0.0964	0.0654	0.0738	0.0723	Ave		0.0785				15.1		20.0			
Dichlorodifluoromethane	+++++ 0.3537	0.3490 0.3452	0.3112	0.3333	0.3299	Ave		0.3371			0.1000	4.6		20.0			
1,1-Difluoroethane	+++++ 0.1453	0.2164 0.1478	0.1510	0.1516	0.1465	Ave		0.1598				17.4		20.0			
Chlorodifluoromethane	+++++ 0.0441	0.0527 0.0462	0.0440	0.0449	0.0453	Ave		0.0462				7.1		20.0			
Butadiene	0.2961 0.3247	0.3328 0.3267	0.2778	0.3167	0.3177	Ave		0.3132				6.2		20.0			
Chloromethane	+++++ 0.4683	0.5186 0.4637	0.4635	0.4407	0.4685	Ave		0.4706			0.1000	5.5		20.0			
Vinyl chloride	+++++ 0.3426	0.3926 0.3393	0.3183	0.3318	0.3440	Ave		0.3448			0.1000	7.3		20.0			
Bromomethane	+++++ 2.9805	2.2164 2.9461	2.2933	2.5085	2.4052	Ave		2.5583			0.1000	12.9		20.0			
Chloroethane	+++++ 0.1835	0.1605 0.1558	0.2111	0.1999	0.1883	Ave		0.1832			0.1000	11.8		20.0			
Pentane	+++++ 4.5767	3.9693 4.1472	4.3381	4.7655	4.0283	Ave		4.3042				7.4		20.0			
Trichlorofluoromethane	+++++ 0.3322	0.3218 0.3258	0.2777	0.3072	0.3232	Ave		0.3147			0.1000	6.3		20.0			
Dichlorofluoromethane	+++++ 0.4150	0.4701 0.3877	0.4205	0.4160	0.4290	Ave		0.4231				6.4		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3762	0.3440 0.3840	0.3351	0.3720	0.3614	Ave		0.3621				5.3		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	+++++ 0.1713	0.1662 0.1707	0.1701	0.1653	0.1697	Ave		0.1689				1.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3267	0.3506 0.3318	0.3139	0.3300	0.3175	Ave		0.3284				3.9		20.0			
1,1-Dichloroethene	+++++ 0.2312	0.2356 0.2290	0.2122	0.2234	0.2188	Ave		0.2250			0.1000	3.8		20.0			
Ethanol	+++++ 0.0776	0.1106 0.0782	0.0748	0.0778	0.0788	Ave		0.0830				16.4		20.0			
Carbon disulfide	+++++ 0.8838	0.9751 0.8712	0.8478	0.8570	0.8467	Ave		0.8803			0.1000	5.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2326	0.2157 0.2273	0.2109	0.2235	0.2110	Ave		0.2202			0.1000	4.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3453	0.3466 0.3549	0.3193	0.3421	0.3365	Ave		0.3408				3.6		20.0			
Iodomethane	+++++ 0.3680	0.1671 0.3632	0.1874	0.2283	0.2857	QuaF		0.3560	0.0000155						0.9990		0.9900
Cyclopentene	+++++ 0.6252	0.6663 0.6325	0.5728	0.6323	0.6115	Ave		0.6234				4.9		20.0			
Acrolein	+++++ 2.2178	1.9825 2.2476	1.4025	1.8826	1.9239	Ave		1.9428				15.7		20.0			
Allyl chloride	+++++ 0.1497	0.1516 0.1500	0.1378	0.1323	0.1414	Ave		0.1438				5.5		20.0			
Isopropyl alcohol	+++++ 0.7678	1.0806 0.7365	0.7977	0.7235	0.7367	Ave		0.8071				16.9		20.0			
Methylene Chloride	+++++ 0.2650	0.2937 0.2617	0.2745	0.2660	0.2665	Ave		0.2712			0.1000	4.3		20.0			
Acetone	+++++ 0.7423	1.0606 0.5961	0.7615	0.7450	0.7025	QuaF		0.8222	-0.000090		0.0500				1.0000		0.9900
trans-1,2-Dichloroethene	+++++ 0.2585	0.2681 0.2561	0.2530	0.2544	0.2544	Ave		0.2574			0.1000	2.2		20.0			
Methyl acetate	+++++ 9.1553	9.5638 9.0263	10.339	9.4395	10.939	Ave		9.7439			0.1000	7.6		20.0			
Hexane	+++++ 0.0687	0.0544 0.0674	0.0528	0.0677	0.0615	Ave		0.0621				11.4		20.0			
Methyl tert-butyl ether	+++++ 0.5321	0.5288 0.5232	0.5271	0.5150	0.5322	Ave		0.5264			0.1000	1.2		20.0			
2-Methyl-2-propanol	+++++ 1.1038	1.7792 1.1184	1.2246	1.1502	1.0799	QuaF		1.0933	0.0000050						1.0000		0.9900
Acetonitrile	+++++ 1.9185	2.0208 2.0033	2.1215	1.9176	2.0155	Ave		1.9995				3.8		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	+++++ 0.8434	0.7753 0.8498	0.8082	0.8209	0.8457	Ave		0.8239				3.5		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2432	0.2251 0.2460	0.2269	0.2362	0.2377	Ave		0.2359				3.6		20.0			
1,1-Dichloroethane	+++++ 0.4770	0.5064 0.4730	0.4749	0.4642	0.4710	Ave		0.4778			0.2000	3.1		20.0			
Acrylonitrile	0.0576 0.0625	0.0629 0.0643	0.0635	0.0610	0.0616	Ave		0.0619				3.6		20.0			
Tert-butyl ethyl ether	+++++ 0.7027	0.6546 0.7067	0.6532	0.6639	0.6936	Ave		0.6791				3.6		20.0			
Vinyl acetate	+++++ 0.3834	0.3635 0.3798	0.3821	0.3314	0.3652	Ave		0.3676				5.4		20.0			
cis-1,2-Dichloroethene	+++++ 0.2849	0.3206 0.2832	0.2849	0.2653	0.2696	Ave		0.2848			0.1000	6.8		20.0			
2,2-Dichloropropane	+++++ 0.3254	0.3390 0.3200	0.3158	0.3168	0.3238	Ave		0.3235				2.6		20.0			
Cyclohexane	+++++ 0.5035	0.4728 0.4870	0.4528	0.4914	0.4626	Ave		0.4784			0.1000	4.0		20.0			
Chlorobromomethane	+++++ 0.1268	0.1274 0.1264	0.1246	0.1193	0.1223	Ave		0.1245				2.5		20.0			
Chloroform	+++++ 0.4294	0.4576 0.4217	0.4186	0.4179	0.4247	Ave		0.4283			0.2000	3.5		20.0			
Carbon tetrachloride	+++++ 0.2699	0.2562 0.2829	0.2267	0.2342	0.2451	Ave		0.2525			0.1000	8.5		20.0			
Ethyl acetate	+++++ 0.3419	0.2726 0.3237	0.3101	0.3592	0.3364	Ave		0.3240				9.3		20.0			
Methyl acrylate	+++++ 0.1447	0.1171 0.1482	0.1249	0.1342	0.1405	Ave		0.1349				8.9		20.0			
Tetrahydrofuran	+++++ 1.1391	1.1225 1.0709	1.1531	1.1732	1.1232	Ave		1.1303				3.1		20.0			
1,1,1-Trichloroethane	+++++ 0.3546	0.3548 0.3468	0.3239	0.3378	0.3474	Ave		0.3442			0.1000	3.4		20.0			
1,1-Dichloropropene	+++++ 0.3678	0.5770 0.3565	0.3887	0.3664	0.3575	QuaF		0.3731	-0.000033						1.0000		0.9900
2-Butanone	+++++ 0.3793	0.3571 0.3460	0.3713	0.3792	0.3588	Ave		0.3653			0.0500	3.7		20.0			
2,2,4-Trimethylpentane	+++++ 0.8222	0.7002 0.8174	0.7145	0.7737	0.7019	Ave		0.7550				7.5		20.0			
n-Heptane	+++++ 0.1985	0.1832 0.1918	0.1723	0.1907	0.1756	Ave		0.1853				5.5		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	+++++ 1.5616	1.6632 1.4994	1.5103	1.5678	1.5633	Ave		1.5609			0.5000	3.7		20.0			
Propionitrile	+++++ 2.2508	1.9570 2.2497	2.0074	2.0662	2.2001	Ave		2.1219				6.1		20.0			
Methacrylonitrile	+++++ 0.0700	0.0608 0.0704	0.0698	0.0696	0.0713	Ave		0.0687				5.7		20.0			
Tert-amyl methyl ether	+++++ 0.5943	0.5097 0.6045	0.5508	0.5482	0.5832	Ave		0.5651				6.3		20.0			
1,2-Dichloroethane	+++++ 0.2709	0.3143 0.2663	0.2900	0.2610	0.2739	Ave		0.2794			0.1000	7.1		20.0			
Isobutyl alcohol	+++++ 0.5697	0.5064 0.6093	0.4942	0.5202	0.5084	Ave		0.5347				8.4		20.0			
Isopropyl acetate	+++++ 0.3195	0.3179 0.3201	0.3223	0.2894	0.3347	Ave		0.3173				4.7		20.0			
Methylcyclohexane	+++++ 0.4797	0.4096 0.4744	0.3979	0.4541	0.4320	Ave		0.4413			0.1000	7.7		20.0			
Trichloroethene	+++++ 0.2809	0.2686 0.2797	0.2538	0.2658	0.2706	Ave		0.2699			0.2000	3.7		20.0			
Dibromomethane	+++++ 0.1227	0.1071 0.1252	0.1258	0.1191	0.1223	Ave		0.1204				5.8		20.0			
n-Butanol	+++++ 0.3555	0.1161 0.3867	0.2493	0.2719	0.3031	QuaF		0.3280	0.0000047						1.0000		0.9900
1,2-Dichloropropane	+++++ 0.2789	0.2590 0.2754	0.2654	0.2660	0.2770	Ave		0.2703			0.1000	2.9		20.0			
Bromodichloromethane	+++++ 0.3093	0.2768 0.3148	0.2853	0.2883	0.3044	Ave		0.2965			0.2000	5.1		20.0			
Ethyl acrylate	+++++ 0.2096	0.1003 0.2139	0.1466	0.1800	0.1969	Qua2	-0.088	0.1839	0.0000716						0.9960		0.9900
Methyl methacrylate	+++++ 0.0448	0.0319 0.0454	0.0362	0.0402	0.0431	Ave		0.0402				13.2		20.0			
1,4-Dioxane	+++++ 1.1186	1.1175 1.1773	1.1513	1.1719	1.1830	Ave		1.1533				2.5		20.0			
n-Propyl acetate	+++++ 0.2254	0.1669 0.2272	0.1801	0.2025	0.2177	Ave		0.2033				12.3		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0614	+++++ 0.0825	0.0289	0.0340	0.0489	Ave		0.0511				42.4	*	20.0			
cis-1,3-Dichloropropene	+++++ 0.5581	0.4610 0.5630	0.4458	0.4953	0.5451	Ave		0.5114			0.2000	10.0		20.0			
Toluene	+++++ 1.5924	1.6604 1.5537	1.5508	1.5716	1.5873	Ave		1.5860			0.4000	2.5		20.0			

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	+++++ 0.1124	0.0385 0.1498	0.0415	0.0612	0.0841	QuaF		0.0854	0.0000064						1.0000		0.9900
2-Nitropropane	+++++ 0.0283	0.0276 0.0324	0.0233	0.0227	0.0266	Ave		0.0268				13.3		20.0			
Tetrachloroethene	+++++ 0.3815	0.3981 0.3767	0.3542	0.3589	0.3722	Ave		0.3736			0.2000	4.3		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.7730	2.1966 2.5332	2.5768	2.7654	2.6722	Ave		2.5862			0.0500	8.3		20.0			
trans-1,3-Dichloropropene	+++++ 0.4543	0.3079 0.4706	0.3618	0.4055	0.4386	Ave		0.4064			0.1000	15.2		20.0			
1,1,2-Trichloroethane	+++++ 0.2236	0.2081 0.2234	0.2065	0.2139	0.2222	Ave		0.2163			0.1000	3.6		20.0			
Ethyl methacrylate	+++++ 0.2373	0.1650 0.2373	0.1979	0.2111	0.2254	Ave		0.2123				13.1		20.0			
Dibromochloromethane	+++++ 0.2937	0.2775 0.2985	0.2546	0.2694	0.2807	Ave		0.2791			0.1000	5.8		20.0			
1,3-Dichloropropane	+++++ 0.4561	0.4124 0.4589	0.4473	0.4552	0.4710	Ave		0.4502				4.4		20.0			
Ethylene Dibromide	+++++ 0.2513	0.2025 0.2527	0.1985	0.2395	0.2499	Ave		0.2324			0.1000	10.8		20.0			
n-Butyl acetate	+++++ 0.3542	0.1767 0.3472	0.2576	0.2956	0.3239	Qua2	-0.137	0.3088	0.0000996						0.9970		0.9900
2-Hexanone	+++++ 1.9489	1.2726 1.7814	1.6291	1.9212	1.8601	Ave		1.7356			0.0500	14.6		20.0			
Chlorobenzene	+++++ 0.9978	1.0150 0.9806	0.9979	0.9757	0.9939	Ave		0.9935			0.5000	1.4		20.0			
Ethylbenzene	+++++ 0.5591	0.5643 0.5614	0.5490	0.5493	0.5579	Ave		0.5568			0.1000	1.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3250	0.2708 0.3300	0.2909	0.3023	0.3263	Ave		0.3075				7.7		20.0			
m-Xylene & p-Xylene	+++++ 0.6950	0.5297 0.6778	0.6500	0.6823	0.6836	Ave		0.6531			0.1000	9.5		20.0			
o-Xylene	+++++ 0.6672	0.6813 0.6448	0.6465	0.6538	0.6710	Ave		0.6608			0.3000	2.2		20.0			
Bromoform	+++++ 0.1672	0.1443 0.1733	0.1508	0.1476	0.1629	Ave		0.1577			0.1000	7.5		20.0			
Styrene	+++++ 1.1070	0.9763 1.0769	0.9835	1.0858	1.1141	Ave		1.0573			0.3000	5.8		20.0			
n-Butyl acrylate	+++++ 0.2012	0.1110 0.2016	0.1527	0.1767	0.1849	Qua2	-0.071	0.1794	0.0000542						0.9980		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.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	+++++ 1.7223	1.7494 1.6527	1.6817	1.7415	1.7342	Ave		1.7136			0.1000	2.2		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8344	0.4519 0.8550	0.5717	0.7364	0.7858	Qua2	-0.298	0.7314	0.0002933						0.9940		0.9900
Bromobenzene	+++++ 0.7645	0.6666 0.7718	0.7462	0.7324	0.7526	Ave		0.7390				5.2		20.0			
N-Propylbenzene	+++++ 3.8798	3.4711 3.7467	3.5497	3.7816	3.7568	Ave		3.6976				4.2		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.5309	0.4552 0.5400	0.5038	0.5097	0.5358	Ave		0.5126			0.3000	6.2		20.0			
2-Chlorotoluene	+++++ 2.5648	2.8019 2.5518	2.3668	2.5067	2.4977	Ave		2.5483				5.6		20.0			
4-Ethyltoluene	+++++ 3.2097	2.9099 3.2458	2.8937	3.0909	3.0838	Ave		3.0723				4.8		20.0			
1,2,3-Trichloropropane	+++++ 0.1453	0.1000 0.1444	0.1403	0.1405	0.1431	Ave		0.1356				12.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.6873	2.3909 2.6398	2.5051	2.5758	2.5836	Ave		2.5637				4.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1202	+++++ 0.1358	0.0558	0.0820	0.0957	Ave		0.0979				32.1	*	20.0			
4-Chlorotoluene	+++++ 2.3584	1.9675 2.3246	2.2205	2.2751	2.2885	Ave		2.2391				6.3		20.0			
tert-Butylbenzene	+++++ 2.2832	2.2491 2.2296	2.0966	2.2323	2.2134	Ave		2.2174				2.9		20.0			
1,2,4-Trimethylbenzene	+++++ 2.7600	2.5171 2.7243	2.5269	2.6715	2.6679	Ave		2.6446				3.8		20.0			
Butyl Methacrylate	+++++ 0.8383	0.4786 0.8868	0.6084	0.7051	0.7606	Qua2	-0.250	0.7167	0.0003825						0.9970		0.9900
sec-Butylbenzene	+++++ 3.4524	3.3664 3.3520	3.2503	3.4140	3.3646	Ave		3.3666				2.0		20.0			
1,3-Dichlorobenzene	+++++ 1.5317	1.3657 1.5290	1.3842	1.4642	1.4843	Ave		1.4599			0.6000	4.9		20.0			
4-Isopropyltoluene	+++++ 2.9656	2.7530 2.9206	2.6193	2.9023	2.8793	Ave		2.8400				4.6		20.0			
1,4-Dichlorobenzene	+++++ 1.5251	1.6168 1.5147	1.5341	1.5102	1.5204	Ave		1.5369			0.5000	2.6		20.0			
1,2,3-Trimethylbenzene	+++++ 2.7143	2.6022 2.7348	2.6213	2.6951	2.7110	Ave		2.6798				2.0		20.0			
Indan	+++++ 2.6223	2.6471 2.6250	2.5024	2.5992	2.6059	Ave		2.6003				2.0		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.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	+++++ 0.1971	0.0815 0.2122	0.1168	0.1481	0.1814	Qua2	-0.081	0.1571	0.0001256						0.9910		0.9900
p-Diethylbenzene	+++++ 1.5089	1.3728 1.5167	1.3147	1.4281	1.4454	Ave		1.4311				5.5		20.0			
n-Butylbenzene	+++++ 2.7109	2.4320 2.6241	2.4731	2.6543	2.6419	Ave		2.5894				4.3		20.0			
1,2-Dichlorobenzene	+++++ 1.3971	1.2563 1.3917	1.2874	1.3162	1.3682	Ave		1.3361			0.4000	4.4		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 2.6714	2.1245 2.6503	2.3092	2.5583	2.6410	Ave		2.4925				9.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0907	0.0657 0.0941	0.0765	0.0882	0.0966	Ave		0.0853			0.0500	13.9		20.0			
1,3,5-Trichlorobenzene	+++++ 1.0932	0.9022 1.1128	1.0524	1.0822	1.1150	Ave		1.0597				7.6		20.0			
1,2,4-Trichlorobenzene	+++++ 0.9111	0.8164 0.9316	0.8558	0.8904	0.9314	Ave		0.8895			0.2000	5.1		20.0			
Hexachlorobutadiene	+++++ 0.3946	0.4328 0.3900	0.3705	0.3908	0.3781	Ave		0.3928				5.5		20.0			
Naphthalene	+++++ 1.5495	2.0068 1.5794	1.5061	1.5683	1.6344	Ave		1.6408				11.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.7246	0.7467 0.7389	0.6922	0.7258	0.7392	Ave		0.7279				2.7		20.0			
Dibromofluoromethane (Surr)	0.2171 0.2158	0.2175 0.2146	0.2183	0.2114	0.2126	Ave		0.2153				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2120 0.2048	0.2163 0.2157	0.2182	0.2160	0.2300	Ave		0.2161				3.5		20.0			
Toluene-d8 (Surr)	1.3119 1.2898	1.2924 1.2643	1.2984	1.2888	1.2810	Ave		1.2895				1.1		20.0			
Bromofluorobenzene	0.3925 0.3990	0.4167 0.3907	0.4134	0.4075	0.4136	Ave		0.4048				2.6		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-721970/3	P79352.D
Level 2	STD1 460-721970/4	P79354.D
Level 3	STD5 460-721970/5	P79355.D
Level 4	STD20 460-721970/6	P79356.D
Level 5	STD50 460-721970/7	P79357.D
Level 6	STD200 460-721970/8	P79358.D
Level 7	STD500 460-721970/9	P79359.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	+++++ 55399	260 153563	1081	4726	11186	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorotrifluoroethene	FB	Ave	+++++ 213205	792 597178	3587	16846	41027	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 842683	3758 2138983	17078	76055	187202	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Difluoroethane	FB	Ave	+++++ 346160	2330 915944	8287	34592	83104	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 104936	567 286055	2413	10240	25723	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	817 773489	3584 2024494	15246	72263	180254	0.250 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1115644	5585 2873454	25436	100553	265854	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 816164	4228 2102724	17466	75711	195179	+++++ 200	1.00 500	5.00	20.0	50.0
Bromomethane	BUT	Ave	+++++ 381620	1317 1058616	6734	28668	74861	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 437022	1728 965466	11587	45616	106827	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd 9	Ave	+++++ 213875	933 510382	4966	21238	47651	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 791377	3466 2018986	15241	70080	183391	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 988703	5062 2402602	23079	94922	243460	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 896070	3704 2379512	18393	84871	205064	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 408174	1790 1057648	9337	37723	96289	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 778229	3776 2055897	17228	75300	180162	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 550740	2537 1418804	11646	50980	124171	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++ 72547	520 192362	1713	6934	18644	+++++ 8000	40.0 20000	200	800	2000
Carbon disulfide	FB	Ave	+++++ 2105421	10501 5398702	46527	195533	480480	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 554137	2323 1408561	11574	50985	119706	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 822579	3732 2199434	17523	78053	190942	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	QuaF	+++++ 876527	1799 2250918	10285	52089	162100	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1489341	7175 3919618	31435	144269	346990	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 51820	932 110641	3211	8390	22758	+++++ 200	4.00 400	20.0	40.0	100
Allyl chloride	FB	Ave	+++++ 356679	1633 929413	7562	30186	80220	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 179401	1270 453215	4566	16121	43572	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 631304	3163 1621460	15063	60699	151225	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	QuaF	+++++ 475188	3151 1071045	11181	42570	109326	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 615832	2887 1586745	13885	58053	144381	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 427833	2248 1110827	11836	42068	129401	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	+++++ 163677	586 417628	2899	15447	34872	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	+++++ 1267437	5695 3242233	28926	117508	302014	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	QuaF	+++++ 257906	2091 688184	7009	25630	63871	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 448269	2375 1232698	12143	42730	119206	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2009218	8349 5266152	44353	187280	479907	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 579320	2424 1524691	12452	53898	134890	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1-Dichloroethane	FB	Ave	+++++ 1136397	5453 2930827	26065	105914	267263	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1272 1488785	6770 3986357	34857	139063	349337	2.00 2000	10.0 5000	50.0	200	500
Tert-butyl ethyl ether	FB	Ave	+++++ 1673940	7049 4379554	35847	151474	393578	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 1826519	7828 4707045	41944	151225	414482	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 678589	3453 1754817	15638	60535	152965	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 775196	3651 1983171	17330	72273	183711	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1199483	5092 3017859	24852	112116	262475	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 302079	1372 783070	6839	27217	69379	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1022953	4928 2613155	22972	95335	241017	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 642971	2759 1753099	12442	53428	139102	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 87559	324 232661	1821	8210	20943	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 344589	1261 918247	6855	30616	79700	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 291683	1334 769588	6772	26816	69916	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 844830	3821 2148975	17778	77080	197131	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	QuaF	+++++ 876224	6214 2209037	21330	83603	202888	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone	BUT	Ave	+++++ 242797	1061 621699	5452	21668	55843	+++++ 1000	5.00 2500	25.0	100	250
2,2,4-Trimethylpentane	FB	Ave	+++++ 1958645	7540 5065144	39210	176521	398266	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 472746	1973 1188377	9455	43511	99655	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZ d5	Ave	+++++ 2668664	12509 6741611	58103	248383	623917	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd 9	Ave	+++++ 525916	2300 1384313	11490	46041	130125	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 1667489	6544 4364305	38315	158756	404787	+++++ 2000	10.0 5000	50.0	200	500

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Tert-amyl methyl ether	FB	Ave	+++++ 1415698	5489 3745941	30230	125065	330913	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 645223	3385 1650015	15916	59557	155414	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 332754	1488 937256	7071	28978	75173	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 761069	3423 1983357	17689	66033	189901	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1142664	4411 2940010	21835	103611	245162	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 669215	2893 1733049	13926	60650	153554	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromomethane	FB	Ave	+++++ 292356	1153 776124	6905	27162	69397	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 207653	341 594810	3568	15148	44814	+++++ 5000	25.0 12500	125	500	1250
1,2-Dichloropropane	FB	Ave	+++++ 664337	2789 1706920	14565	60700	157156	+++++ 200	1.00 500	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	+++++ 736764	2981 1950550	15658	65786	172749	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Qua2	+++++ 499304	1080 1325732	8046	41058	111737	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 213231	686 562331	3972	18324	48928	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 72363	890 196250	1785	6975	18706	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 536909	1797 1407703	9882	46190	123542	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 146693	+++++ 512328	1592	7768	27833	+++++ 200	+++++ 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 953812	3467 2531452	17150	78477	217536	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZ d5	Ave	+++++ 2721314	12488 6985837	59660	248986	633484	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	QuaF	+++++ 287832	457 1076562	2440	13992	52334	+++++ 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	+++++ 134976	595 401764	2558	10374	30161	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZ d5	Ave	+++++ 651928	2994 1693883	13625	56857	148555	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 1775270	6526 4551250	37833	158019	415853	+++++ 1000	5.00 2500	25.0	100	250

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 776364	2316 2115743	13917	64238	175032	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 382089	1565 1004352	7946	33891	88686	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 565187	1777 1470388	10862	48156	127890	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromochloromethane	CBNZ d5	Ave	+++++ 501890	2087 1342232	9794	42676	112017	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 779411	3102 2063481	17208	72110	187991	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 429394	1523 1136144	7636	37940	99746	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZ d5	Qua2	+++++ 605244	1329 1561177	9910	46824	129286	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 1247693	3781 3200586	23919	109780	289479	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZ d5	Ave	+++++ 1705190	7634 4409049	38391	154586	396659	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 955498	4244 2523965	21119	87032	222648	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 555386	2037 1483682	11192	47888	130225	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 1187799	3984 3047634	25007	108099	272822	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 1140173	5124 2899229	24870	103586	267785	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 285754	1085 779054	5800	23389	65010	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1891908	7343 4841761	37835	172023	444655	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZ d5	Qua2	+++++ 343856	835 906398	5873	27988	73809	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 2943384	13158 7430702	64696	275910	692109	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Qua2	+++++ 774550	1912 2050851	12401	65023	176787	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 709661	2820 1851197	16184	64671	169325	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 3601702	14685 8986684	76993	333905	845216	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 492837	1926 1295322	10928	45006	120554	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Chlorotoluene	DCBd 4	Ave	+++++ 2380971	11854 6120662	51336	221339	561931	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 2979644	12311 7785180	62764	272920	693783	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 134903	423 346260	3042	12409	32185	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 2494661	10115 6331744	54335	227437	581260	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 111606	+++++ 325652	1211	7238	21533	+++++ 200	+++++ 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 2189374	8324 5575558	48163	200889	514860	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 2119520	9515 5347740	45475	197112	497969	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 2562120	10649 6534418	54807	235892	600215	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Qua2	+++++ 778176	2025 2127034	13195	62255	171118	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 3204917	14242 8040037	70498	301449	756973	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 1421890	5778 3667475	30024	129288	333939	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 2753070	11647 7005086	56813	256268	647792	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1415792	6840 3633198	33274	133344	342051	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 2519702	11009 6559615	56856	237975	609921	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 2434293	11199 6296307	54276	229507	586285	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Qua2	+++++ 182937	345 508966	2533	13077	40821	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 1400739	5808 3637762	28516	126096	325177	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 2516592	10289 6293963	53640	234371	594378	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 1296949	5315 3338000	27923	116216	307828	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 2479879	8988 6356940	50087	225892	594174	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 84236	278 225792	1659	7792	21742	+++++ 200	1.00 500	5.00	20.0	50.0

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1 Analy Batch No.: 721970

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/04/2020 14:09 Calibration End Date: 09/04/2020 16:58 Calibration ID: 81791

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 1014884	3817 2669157	22827	95559	250860	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 845782	3454 2234541	18563	78620	209542	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 366310	1831 935397	8036	34508	85054	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1438478	8490 3788295	32667	138476	367710	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 672673	3159 1772317	15014	64083	166305	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	119790 128526	117139 132990	119812	120577	120630	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	116973 121939	116479 133687	119732	123183	130501	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	501267 551075	486030 568428	499494	510468	511255	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Bromofluorobenzene	CBNZ d5	Ave	149964 170465	156709 175673	159019	161410	165058	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\CVOAMS13\20200904-116303.b\P79352.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 04-Sep-2020 14:09:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0116303-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:37:50 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: starzecm Date: 04-Sep-2020 13:40:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	0.885	0.892	-0.007	90	817	0.2500	0.2364	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	116556	1000.0	1000.0	
39 Acrylonitrile	53	2.160	2.153	0.007	99	1272	2.00	1.86	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	119790	50.0	50.4	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	99	138595	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	116973	50.0	49.0	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	551813	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	63	13879	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	501267	50.0	50.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	382078	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	93	149964	50.0	48.5	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	95	203372	50.0	50.0	

Reagents:

8260MIX1COMB_00125	Amount Added:	0.00	Units: uL	
ACROLEIN W_00112	Amount Added:	0.00	Units: uL	
GASES Li_00384	Amount Added:	2.50	Units: uL	
GAS Hi_00370	Amount Added:	0.00	Units: uL	
8FreonHi_00023	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00077	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	0.00	Units: uL	
Ethanol mix_00043	Amount Added:	0.00	Units: uL	
14DIOXINTER_00118	Amount Added:	0.00	Units: uL	
524freon_00027	Amount Added:	0.00	Units: uL	
MIX I Hi_00129	Amount Added:	0.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:37:52 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D

Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13 Operator ID:

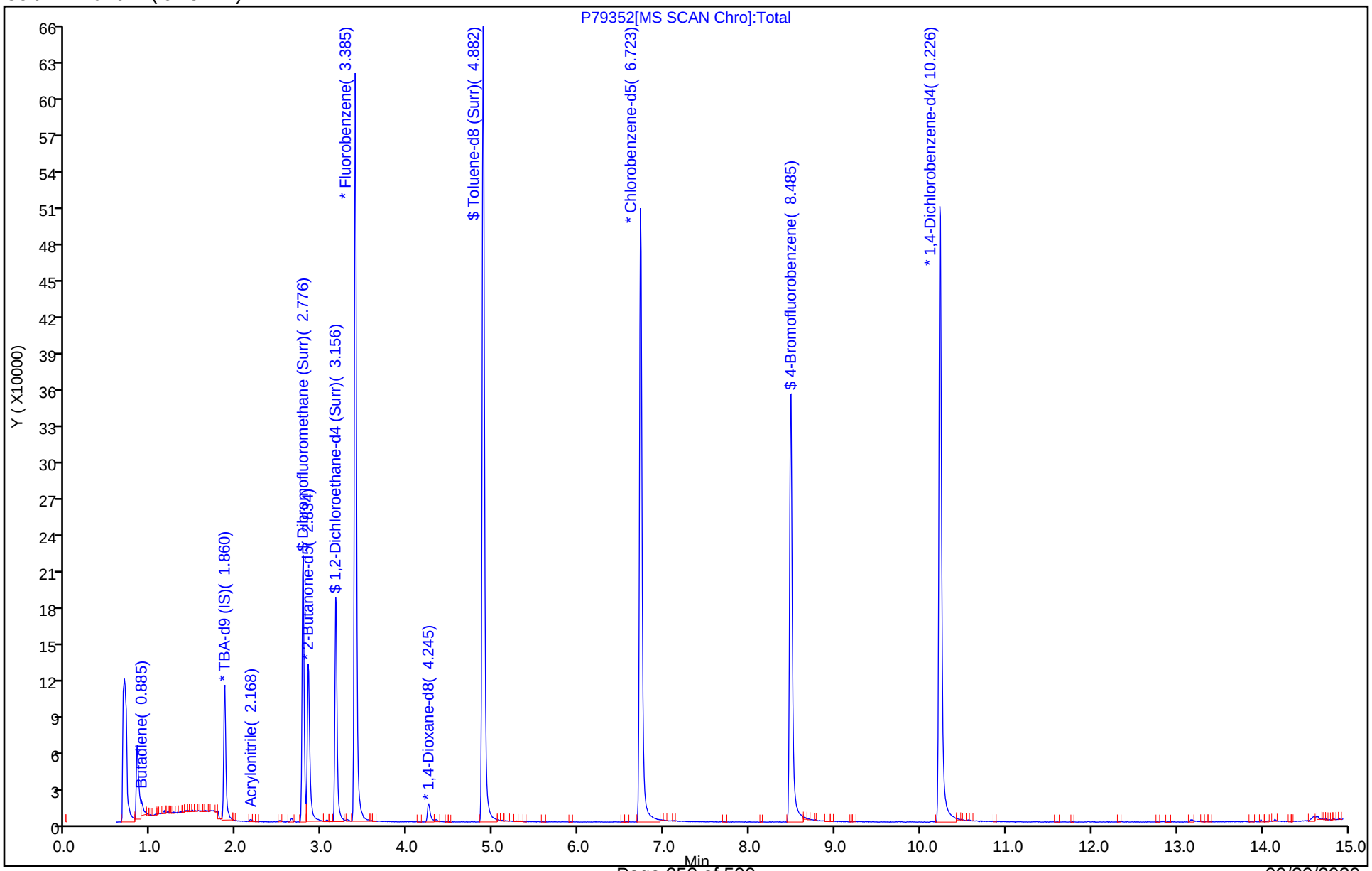
Lims ID: STD8 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



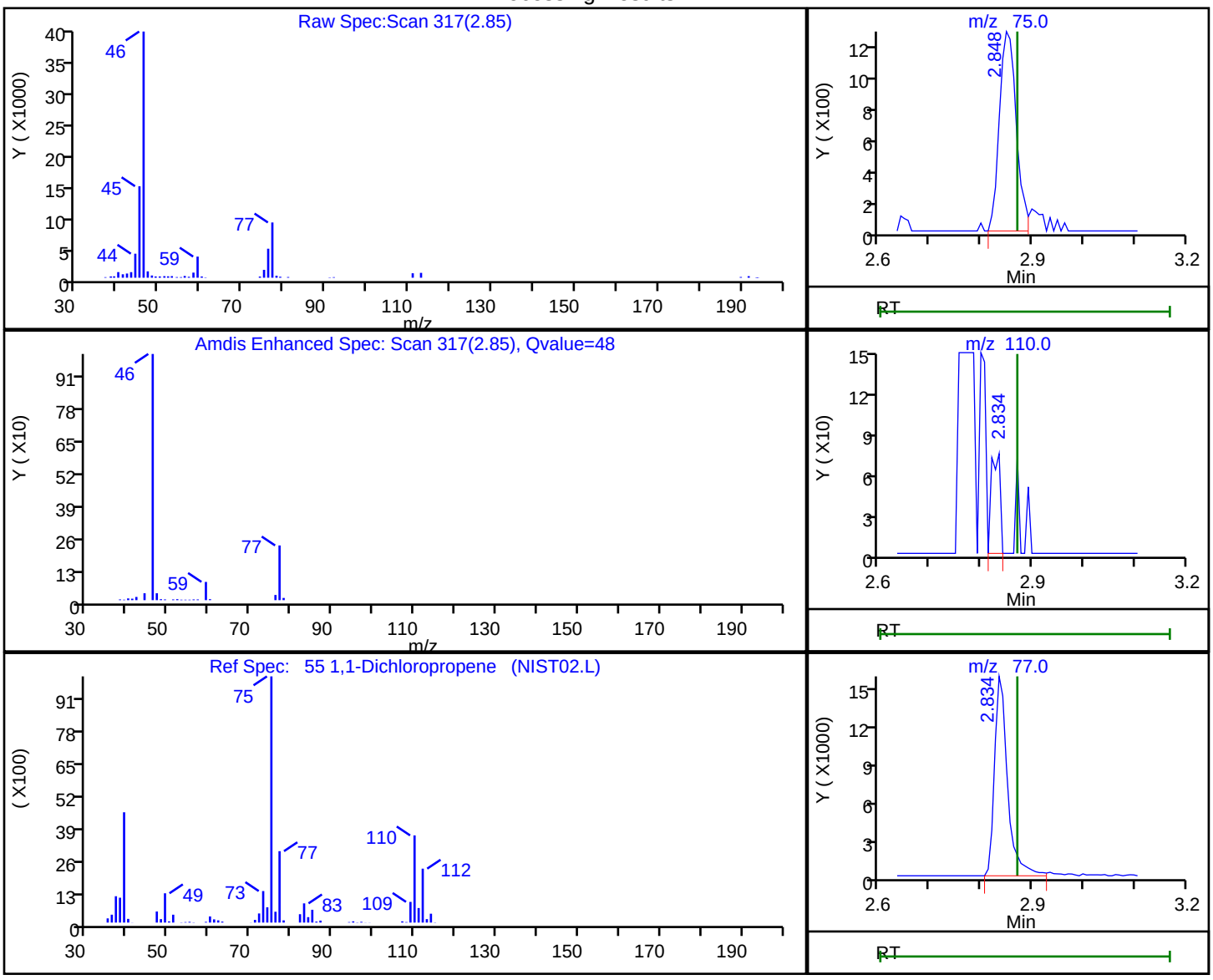
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D				
Injection Date:	04-Sep-2020 14:09:30	Instrument ID:	CVOAMS13		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

55 1,1-Dichloropropene, CAS: 563-58-6

Processing Results



RT	Mass	Response	Amount
2.85	75.00	2901	0.704631
2.83	110.00	90	
2.83	77.00	28656	

Reviewer: boykink, 05-Sep-2020 00:03:07

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

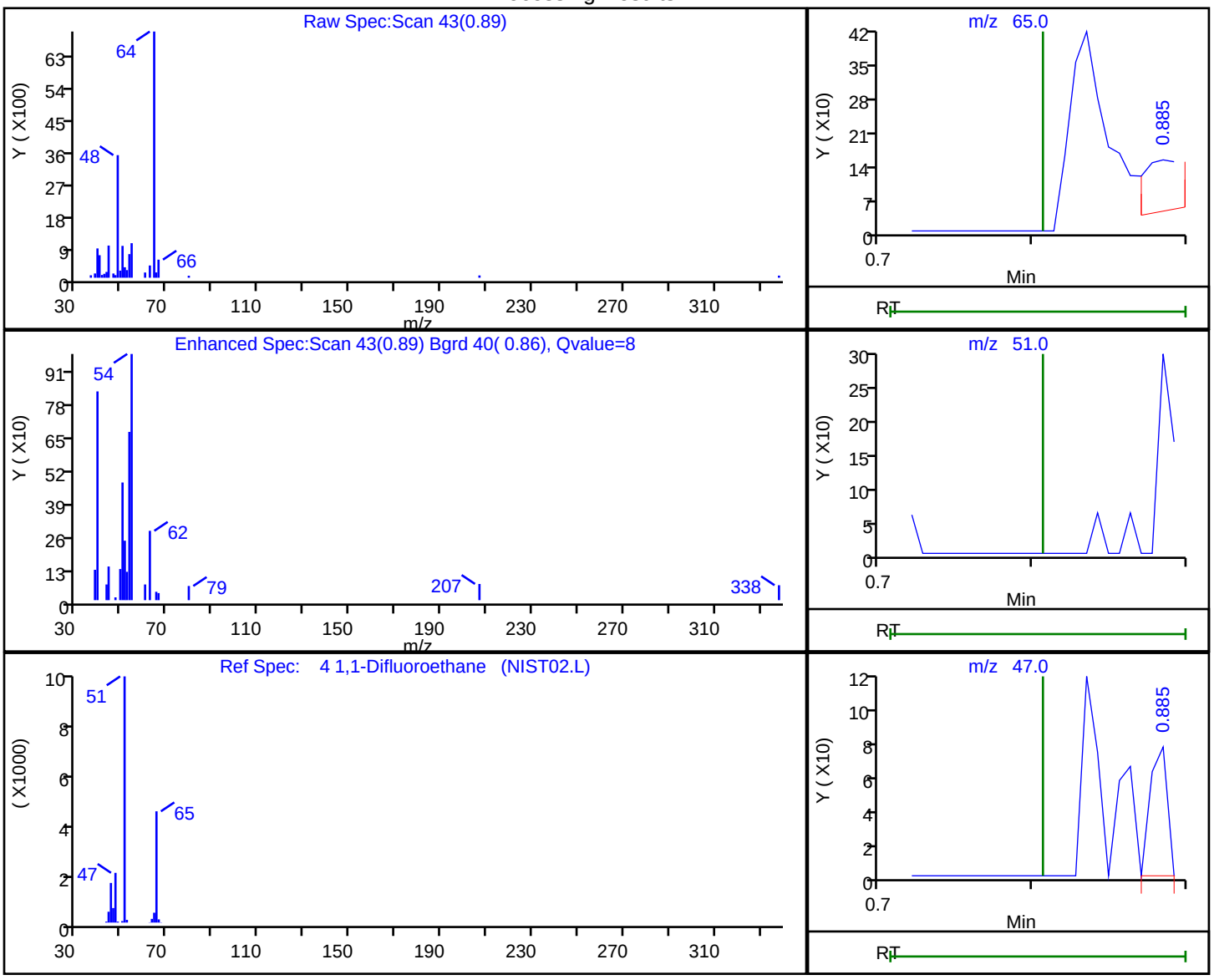
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

4 1,1-Difluoroethane, CAS: 75-37-6

Processing Results



RT	Mass	Response	Amount
0.89	65.00	179	0.104445
0.89	51.00	239	
0.89	47.00	57	

Reviewer: boykink, 05-Sep-2020 00:02:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

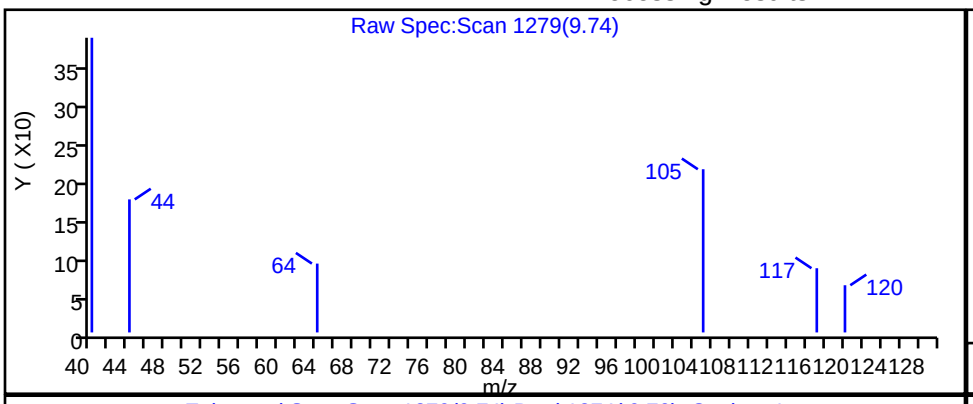
User Disabled Compound Report

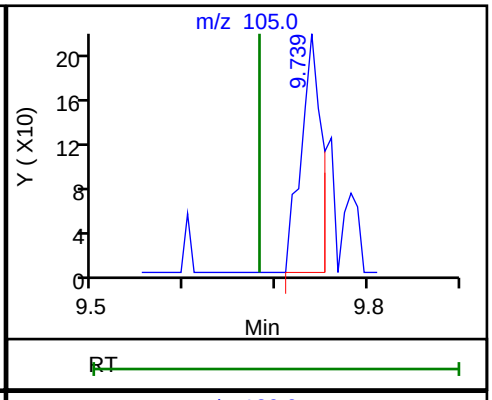
Eurofins TestAmerica, Edison

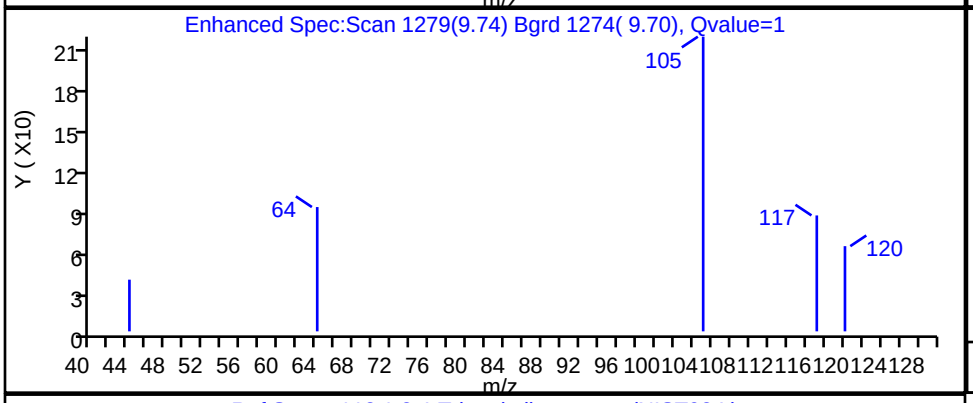
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

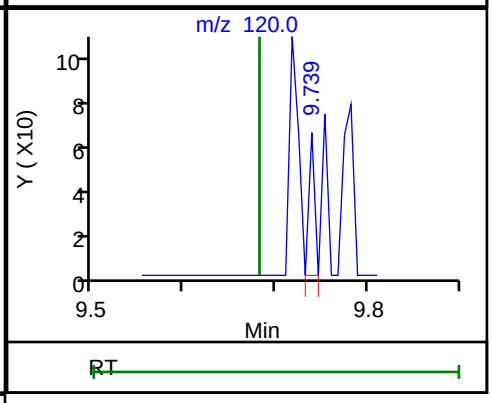
118 1,2,4-Trimethylbenzene, CAS: 95-63-6

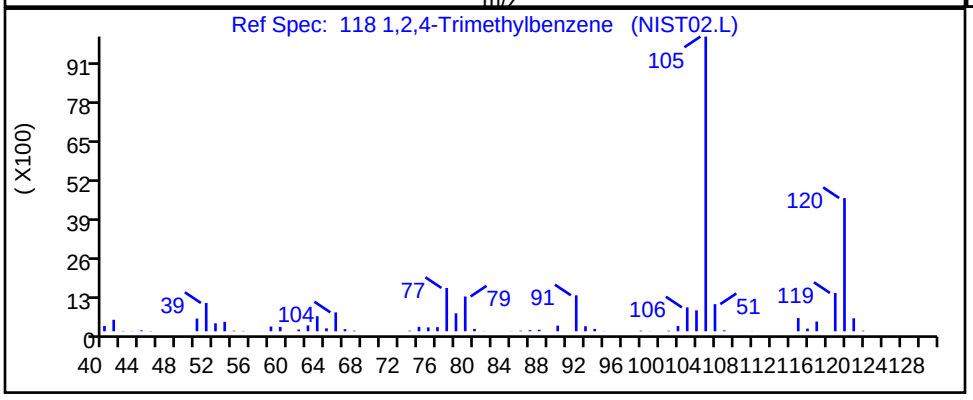
Processing Results











RT	Mass	Response	Amount
9.74	105.00	323	0.030435
9.74	120.00	26	

Reviewer: boykink, 05-Sep-2020 00:03:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

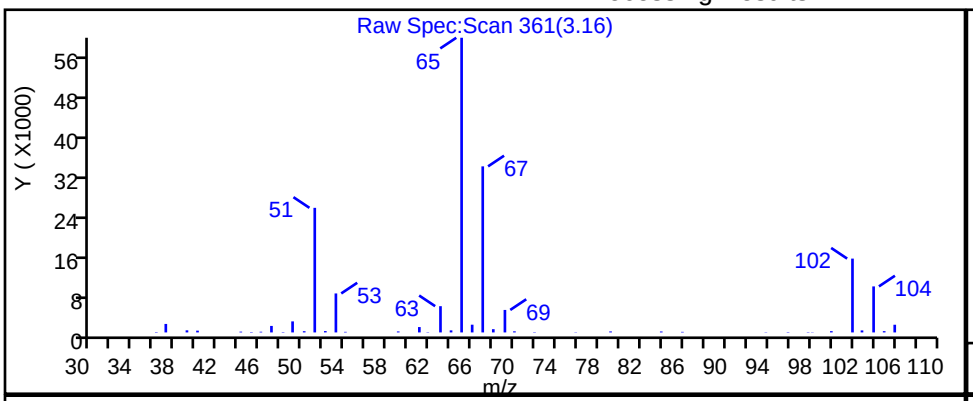
User Disabled Compound Report

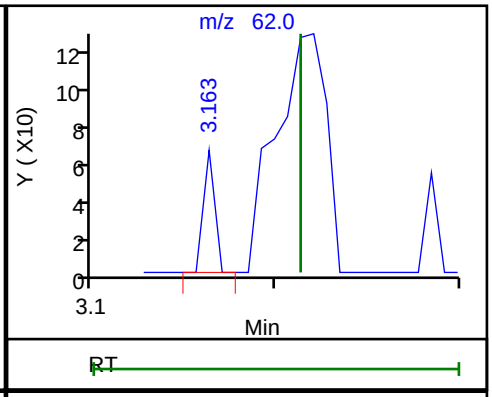
Eurofins TestAmerica, Edison

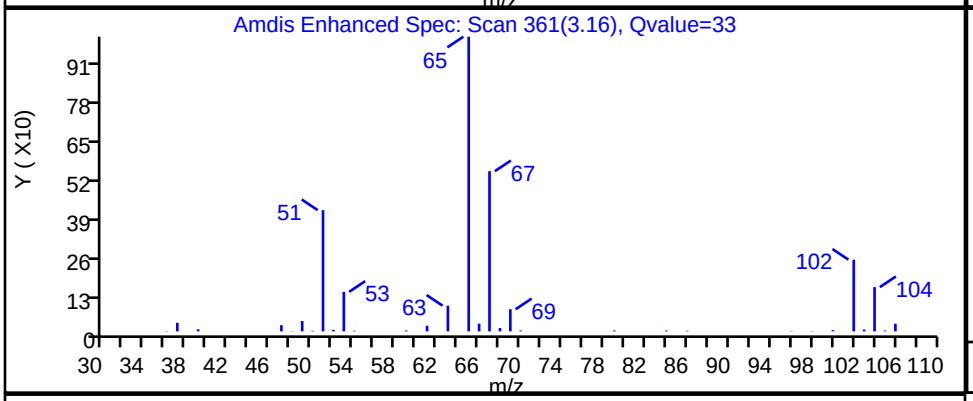
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

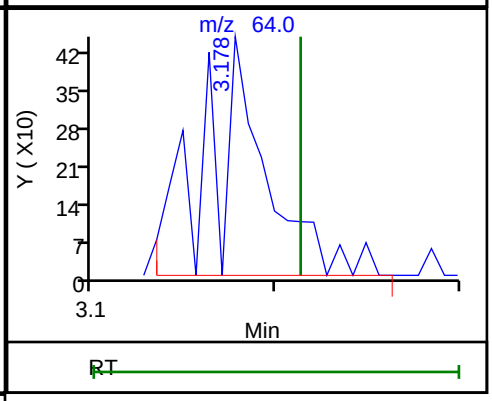
63 1,2-Dichloroethane, CAS: 107-06-2

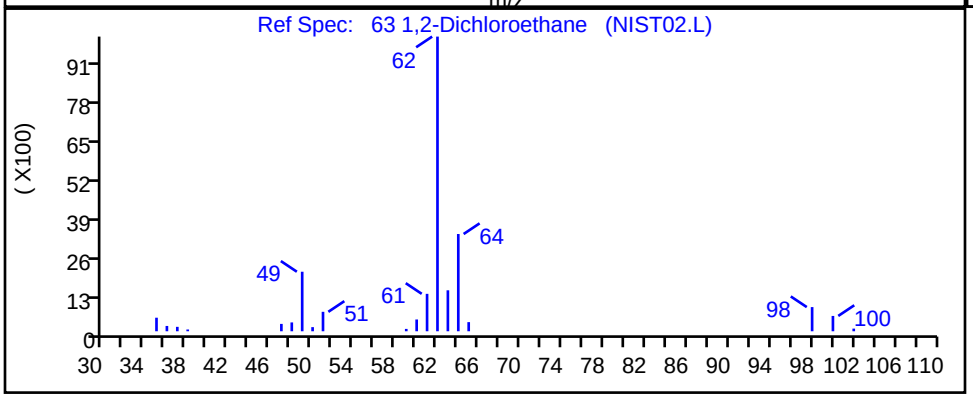
Processing Results











RT	Mass	Response	Amount
3.16	62.00	28	0.008825
3.18	64.00	1036	

Reviewer: boykink, 05-Sep-2020 00:03:16
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

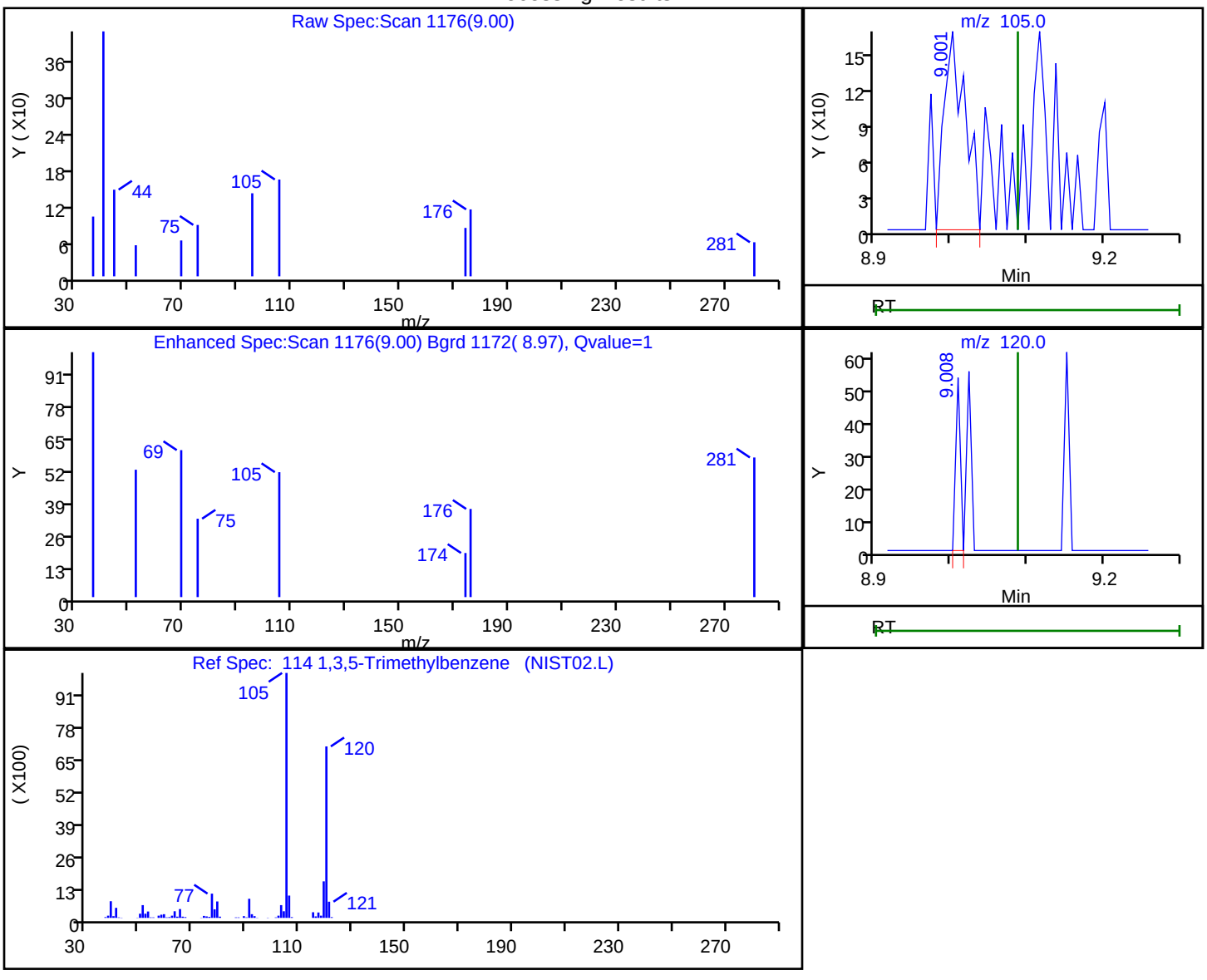
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

114 1,3,5-Trimethylbenzene, CAS: 108-67-8

Processing Results



RT	Mass	Response	Amount
9.00	105.00	312	0.030379
9.01	120.00	23	

Reviewer: boykink, 05-Sep-2020 00:03:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

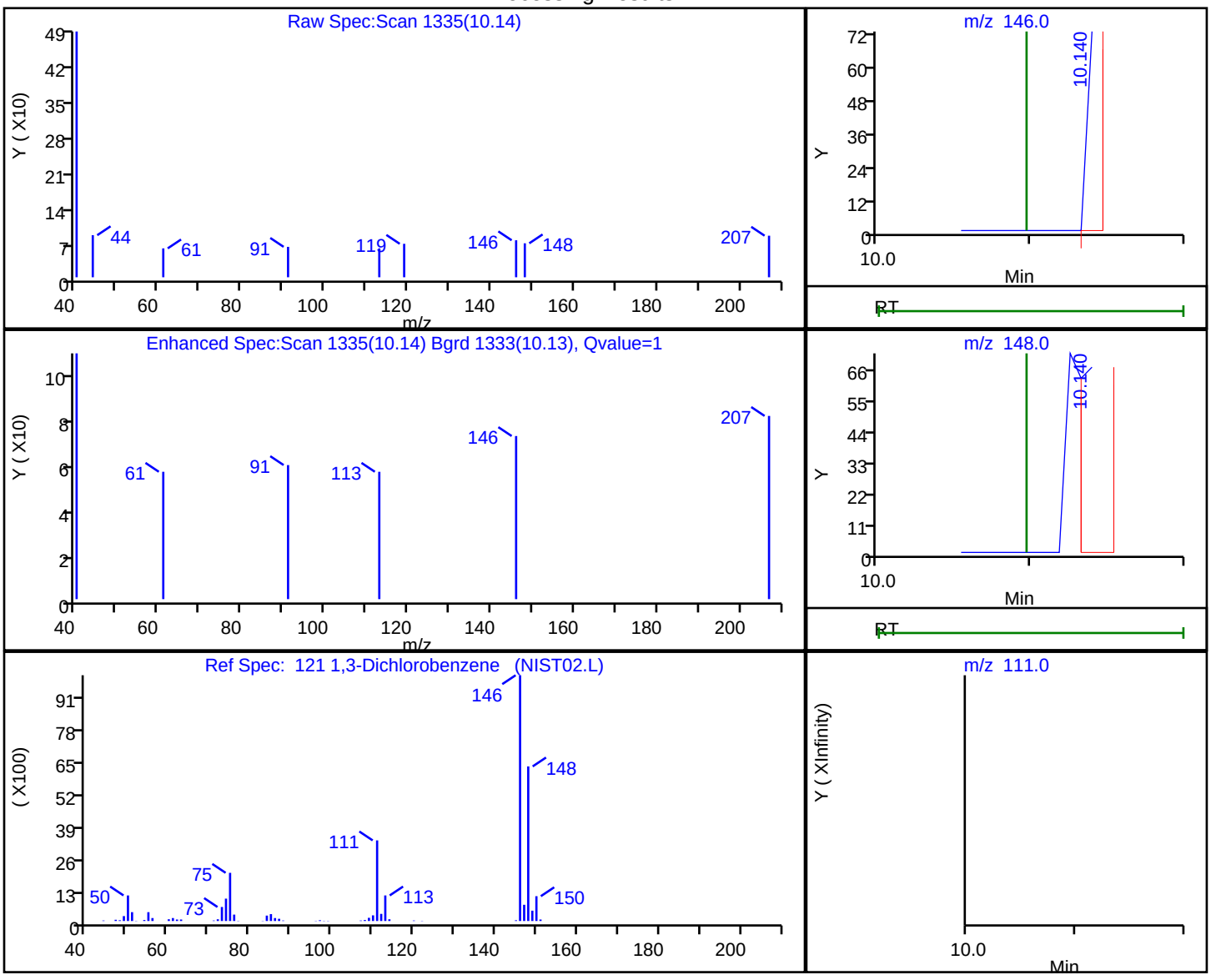
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

121 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
10.14	146.00	31	0.005347
10.14	148.00	82	
10.15	111.00	38	

Reviewer: boykink, 05-Sep-2020 00:03:44
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

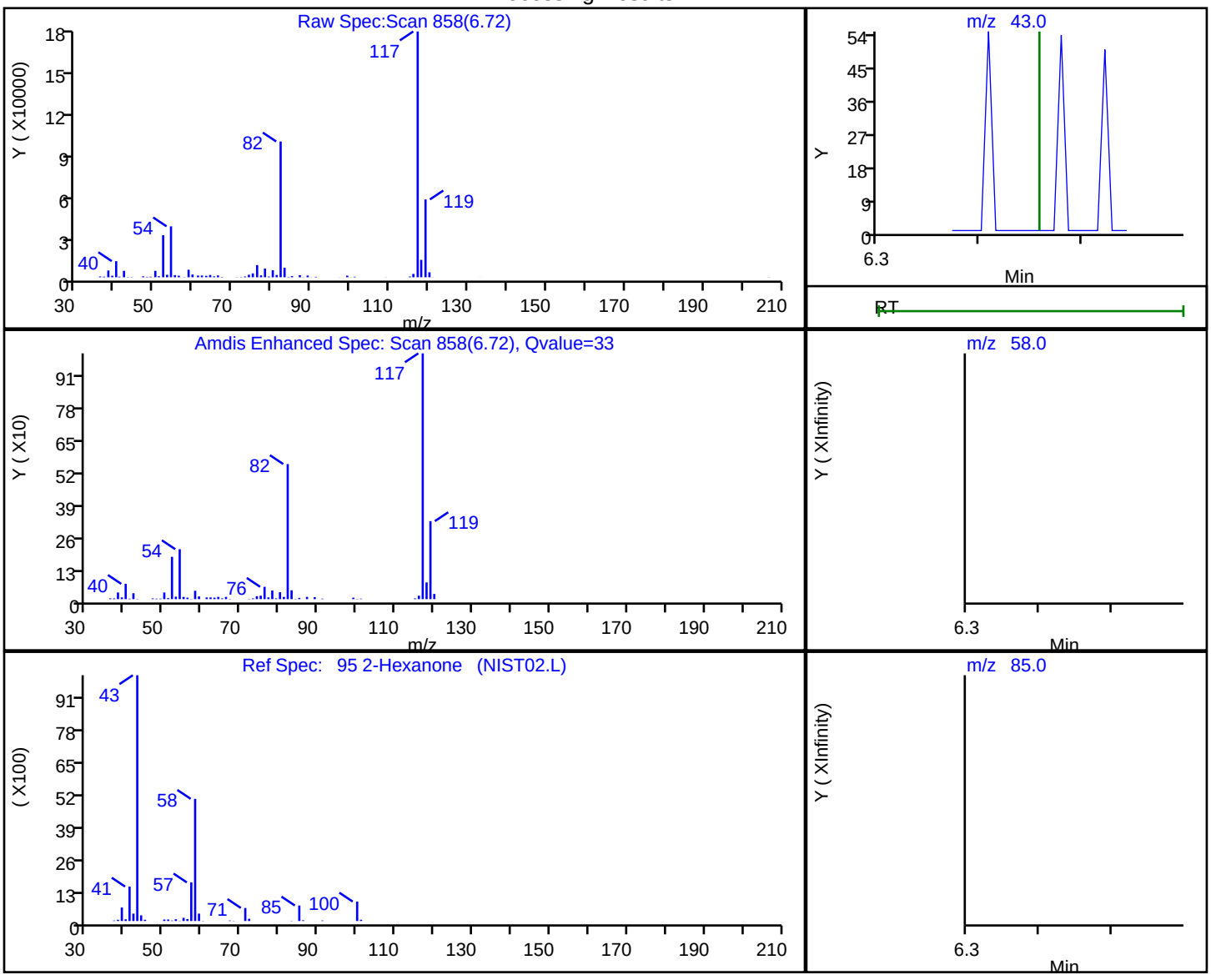
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

95 2-Hexanone, CAS: 591-78-6

Processing Results



RT	Mass	Response	Amount
6.72	43.00	230	864.8696
6.73	58.00	13278	
6.72	85.00	1952	
6.73	100.00	205	

Reviewer: boykink, 05-Sep-2020 00:03:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

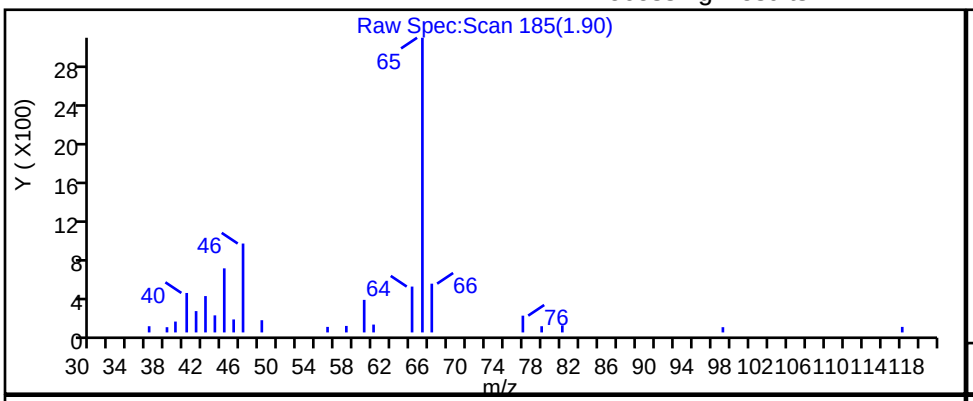
User Disabled Compound Report

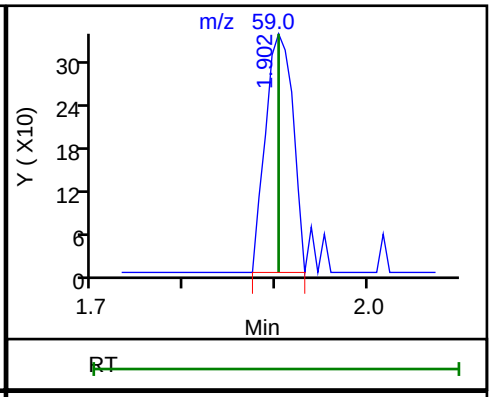
Eurofins TestAmerica, Edison

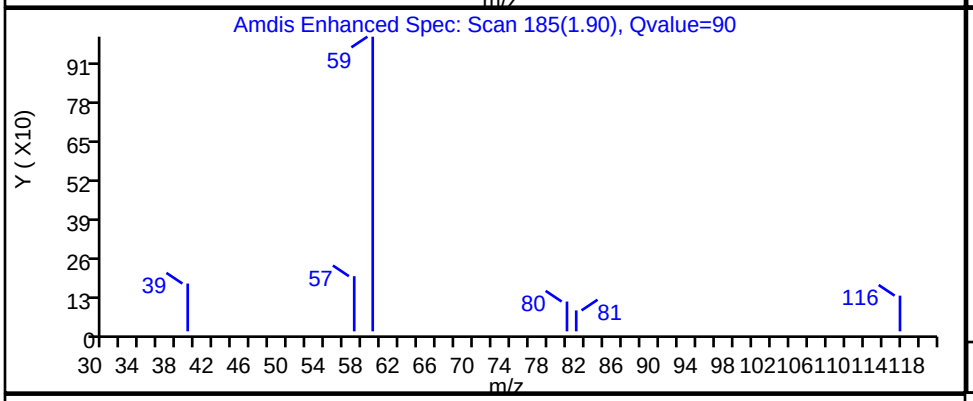
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

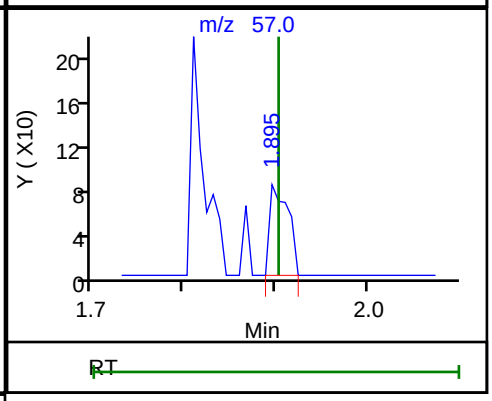
34 2-Methyl-2-propanol, CAS: 75-65-0

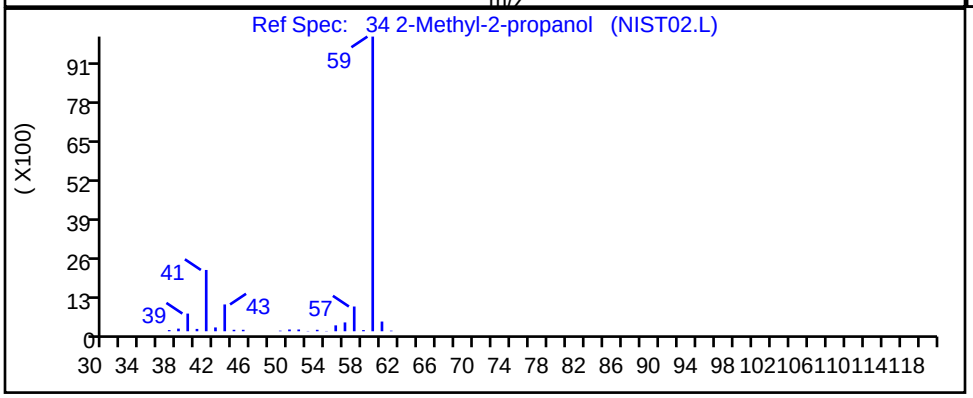
Processing Results











RT	Mass	Response	Amount
1.90	59.00	699	5.484978
1.90	57.00	115	

Reviewer: boykink, 05-Sep-2020 00:03:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

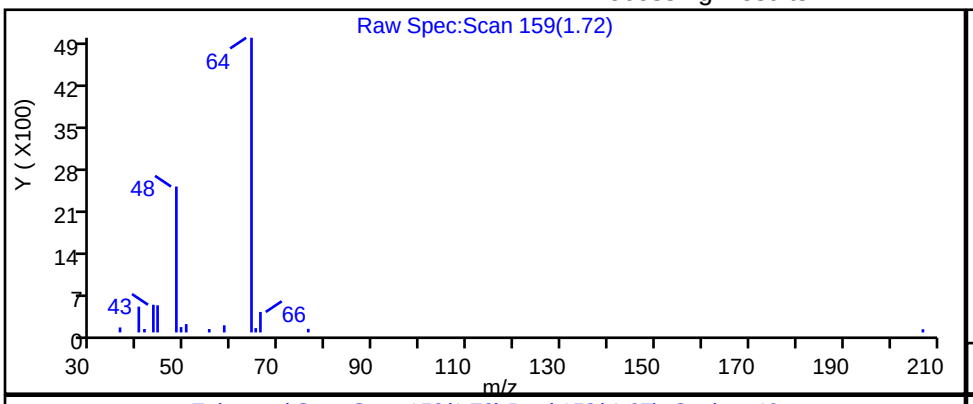
User Disabled Compound Report

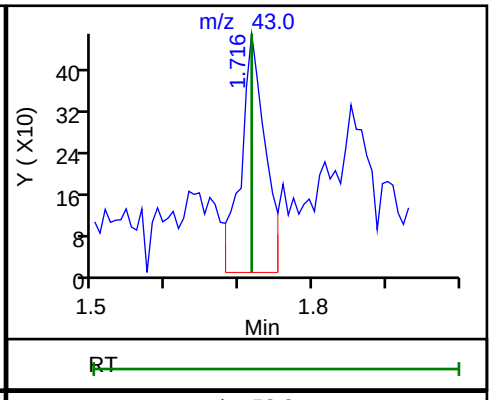
Eurofins TestAmerica, Edison

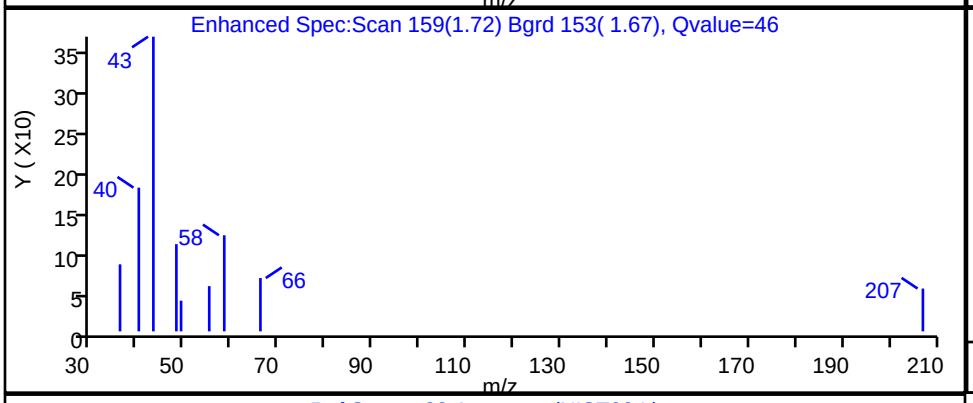
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

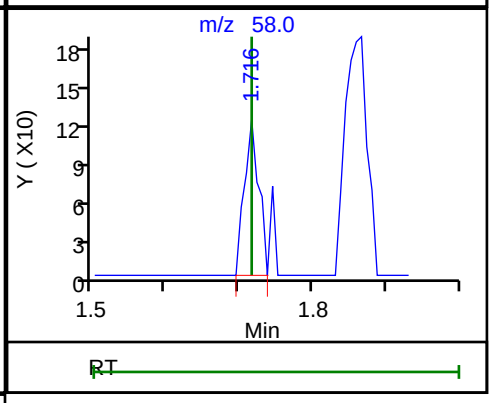
28 Acetone, CAS: 67-64-1

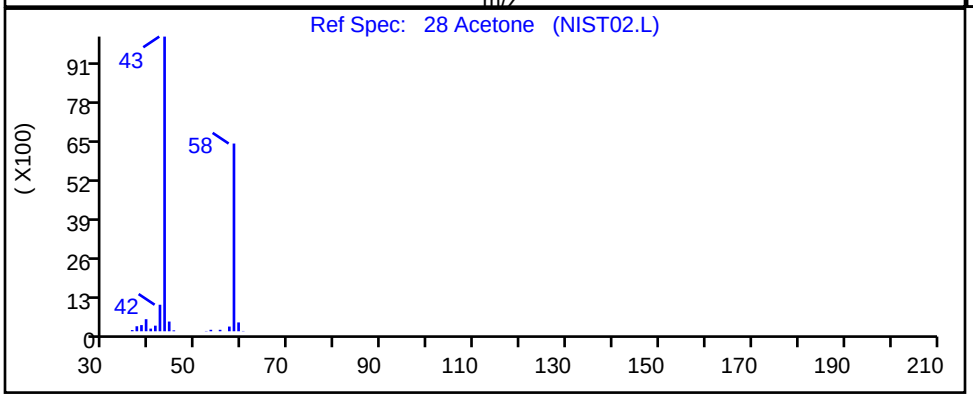
Processing Results











RT	Mass	Response	Amount
1.72	43.00	1076	856.7366
1.72	58.00	163	

Reviewer: boykink, 05-Sep-2020 00:02:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

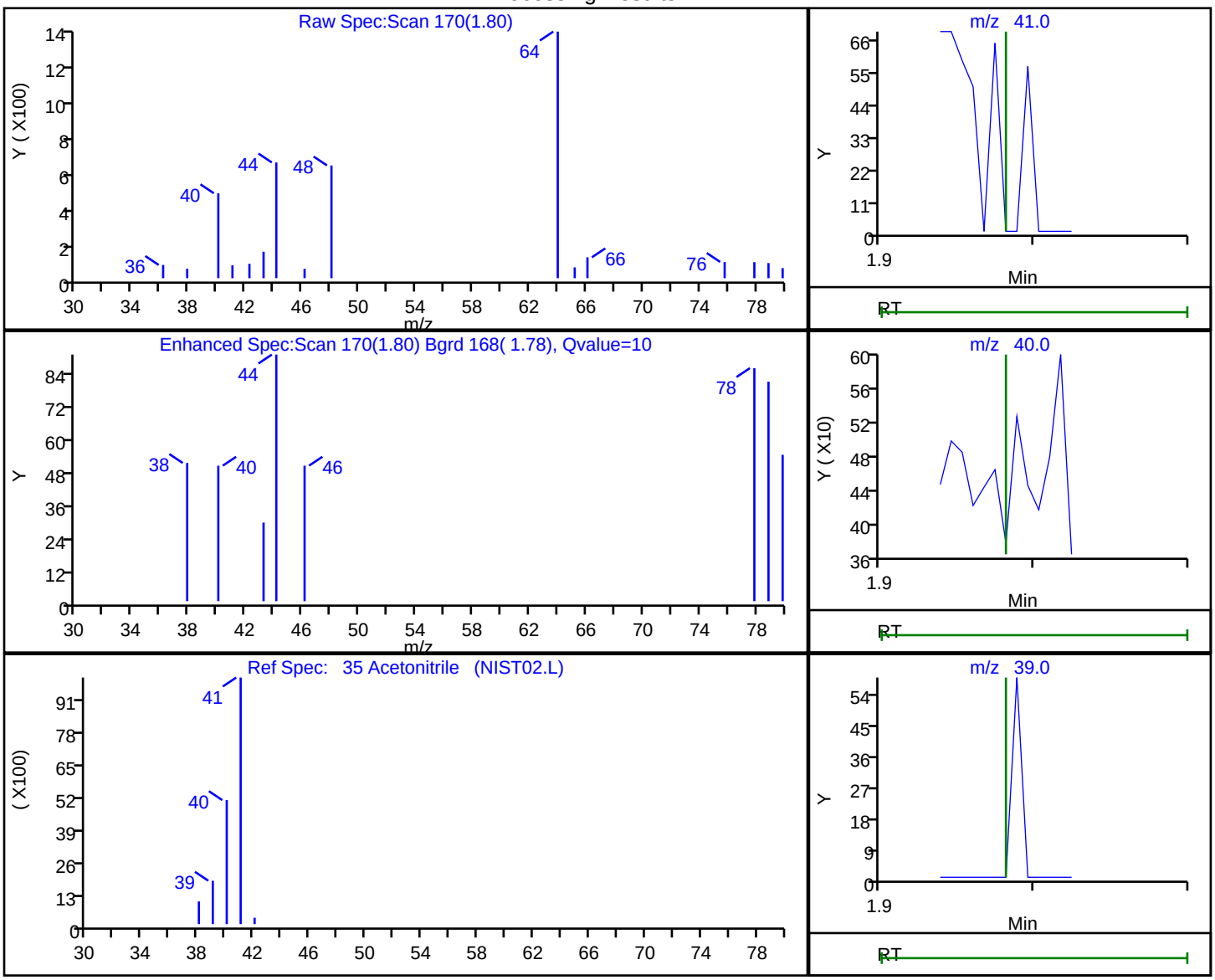
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Processing Results



RT	Mass	Response	Amount
1.80	41.00	81	0.369146
1.80	40.00	179	
1.79	39.00	36	
1.79	38.00	52	

Reviewer: boykink, 05-Sep-2020 00:03:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

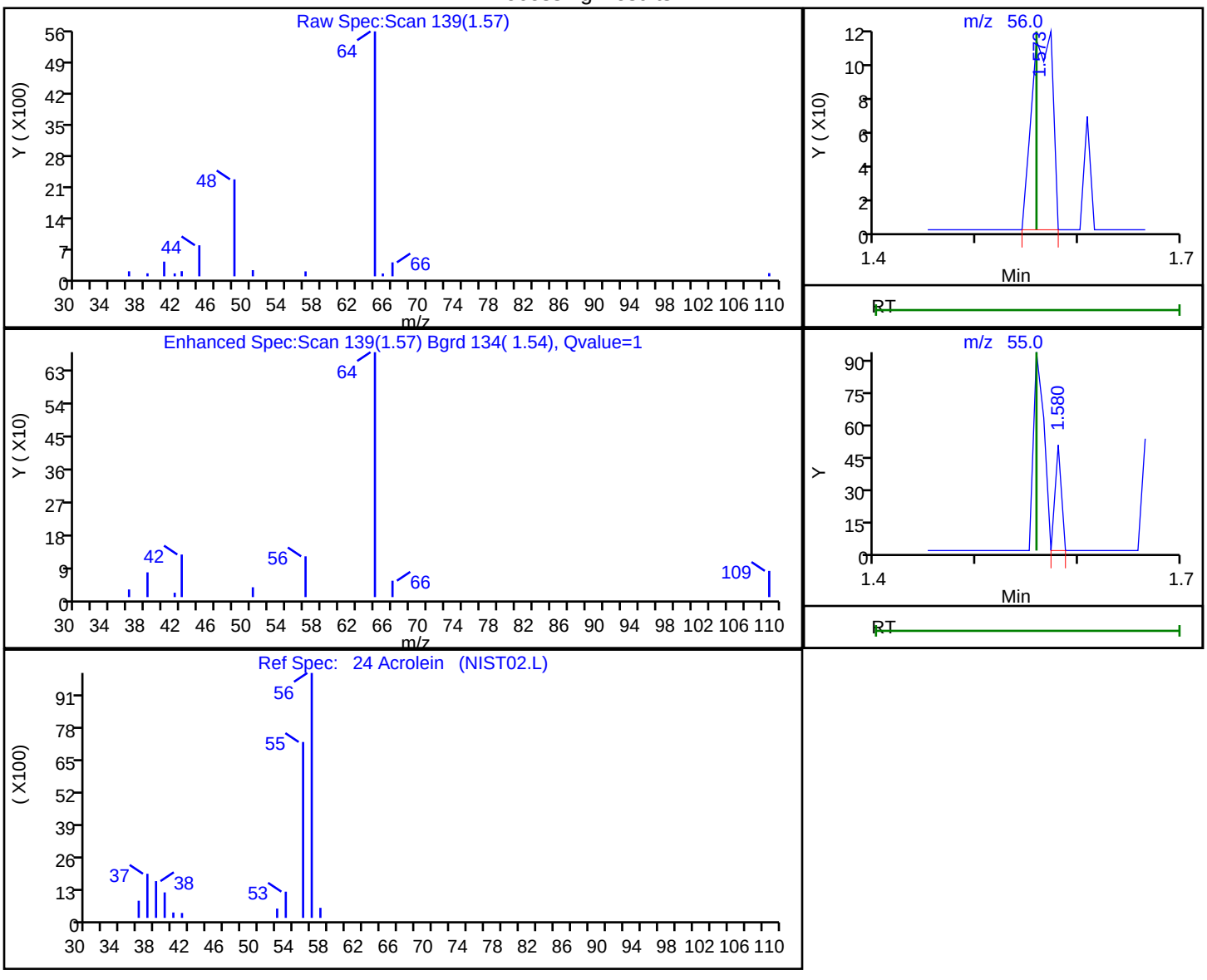
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

24 Acrolein, CAS: 107-02-8

Processing Results



RT	Mass	Response	Amount
1.57	56.00	157	0.664059
1.58	55.00	21	

Reviewer: boykink, 05-Sep-2020 00:02:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

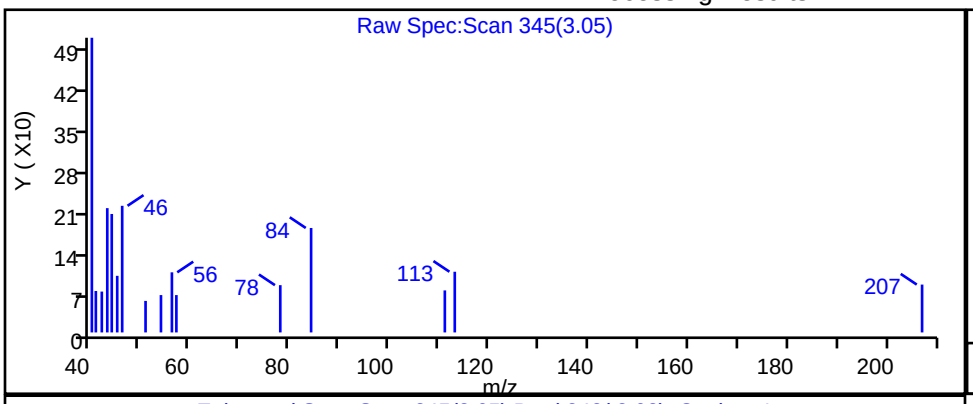
User Disabled Compound Report

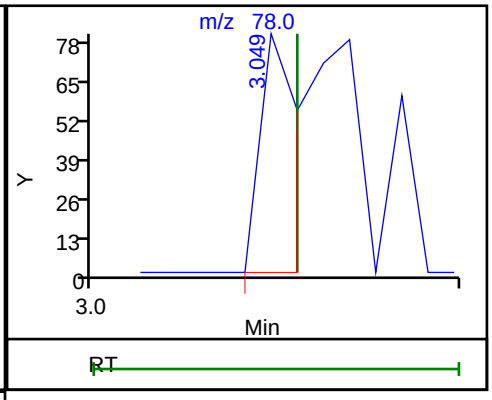
Eurofins TestAmerica, Edison

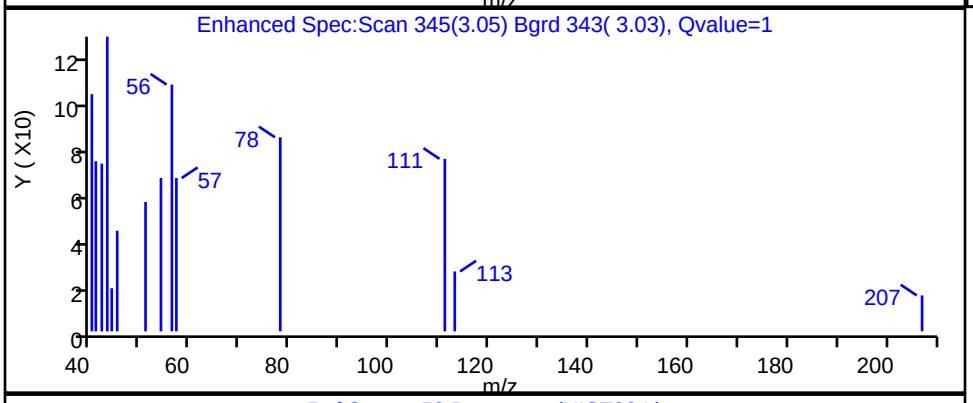
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

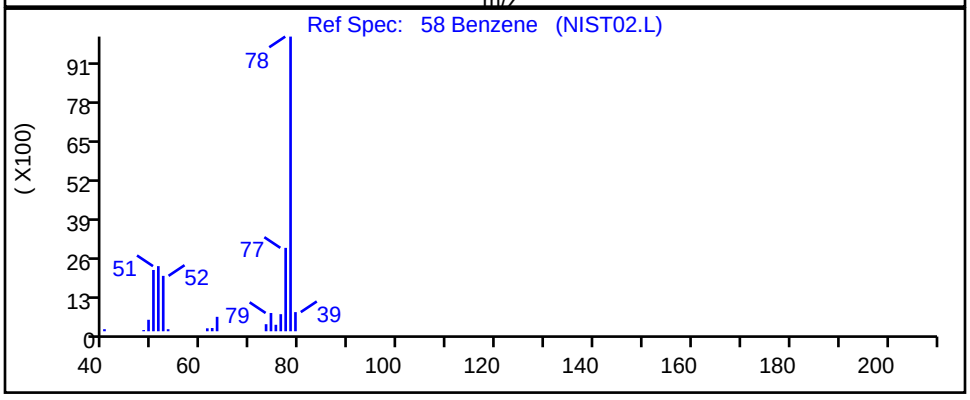
58 Benzene, CAS: 71-43-2

Processing Results









RT	Mass	Response	Amount
3.05	78.00	58	0.004886

Reviewer: boykink, 05-Sep-2020 00:03:13
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

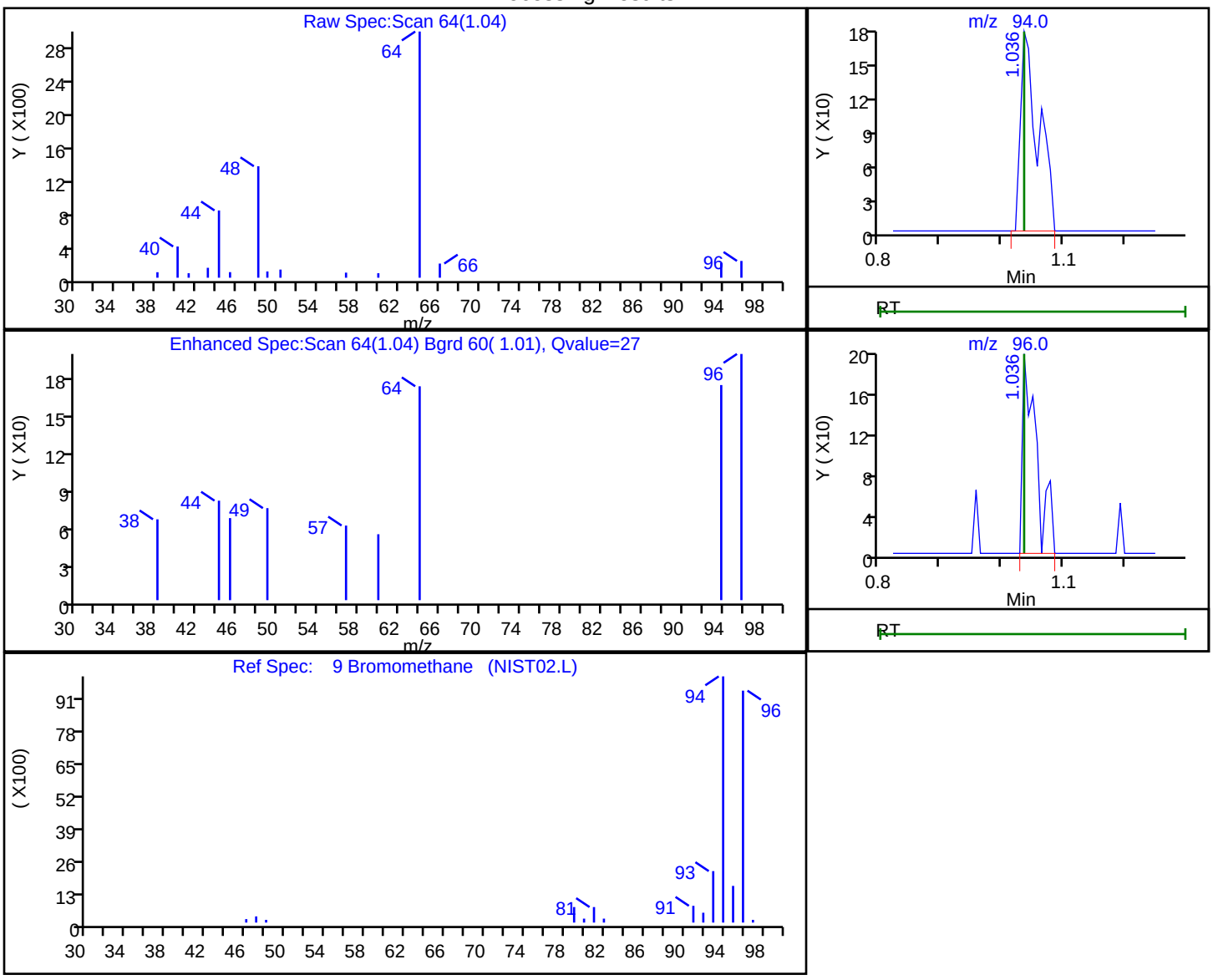
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.04	94.00	345	174.0470
1.04	96.00	316	

Reviewer: boykink, 05-Sep-2020 00:02:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

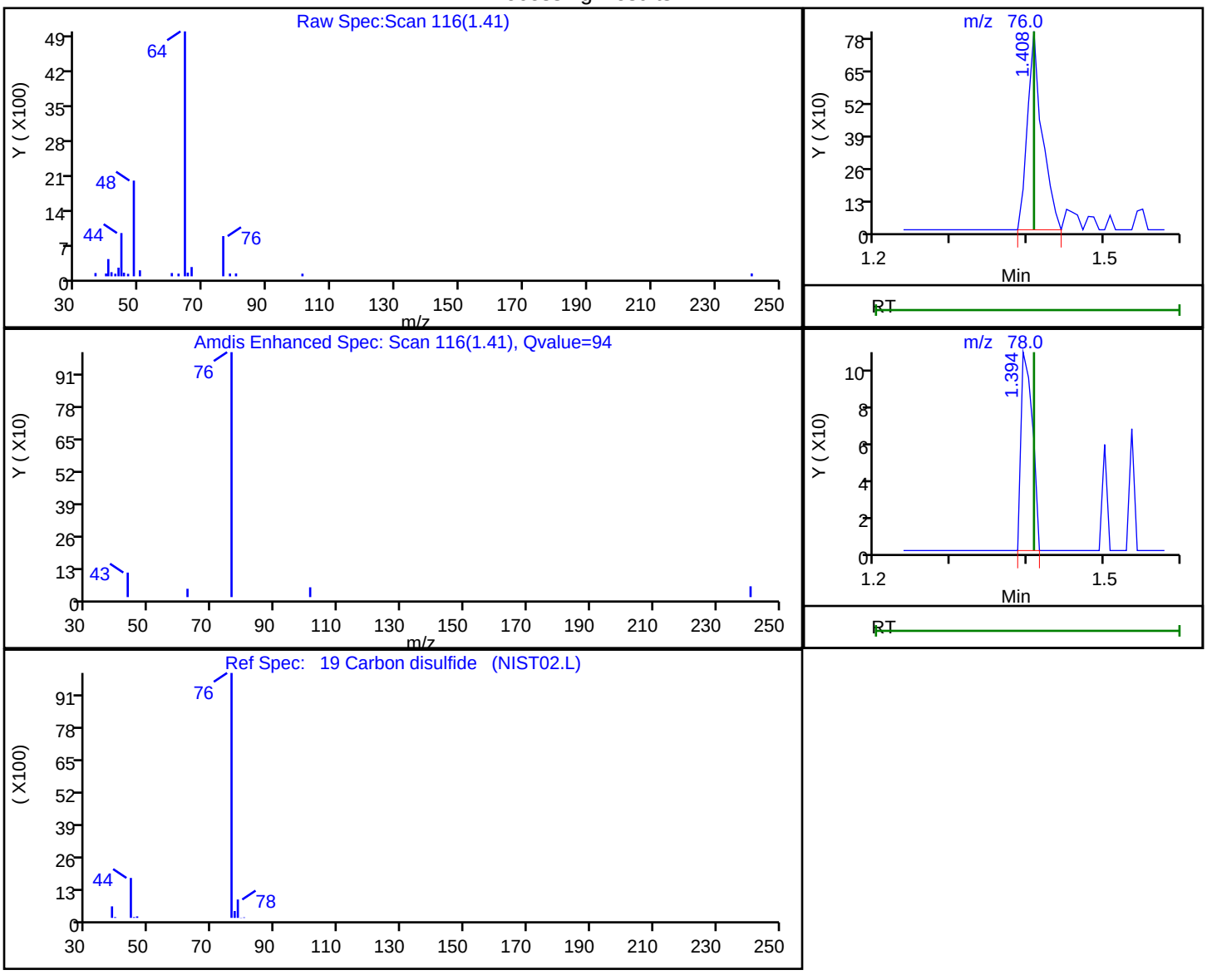
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

19 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
1.41	76.00	1078	0.108275
1.39	78.00	105	

Reviewer: boykink, 05-Sep-2020 00:02:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

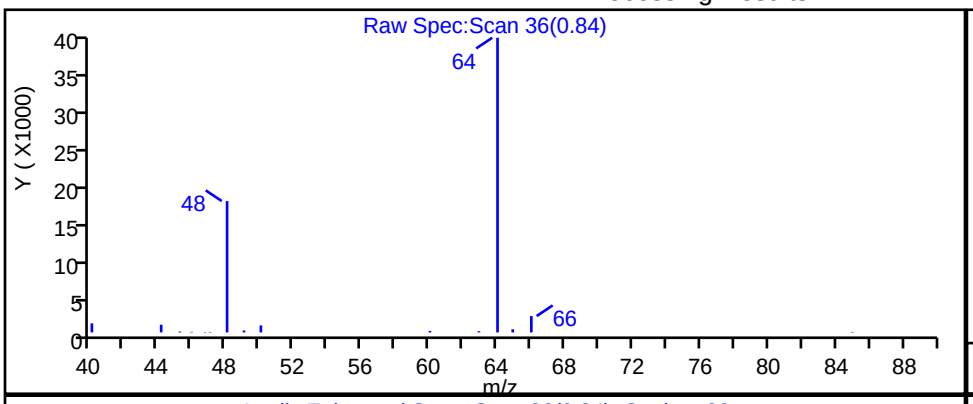
User Disabled Compound Report

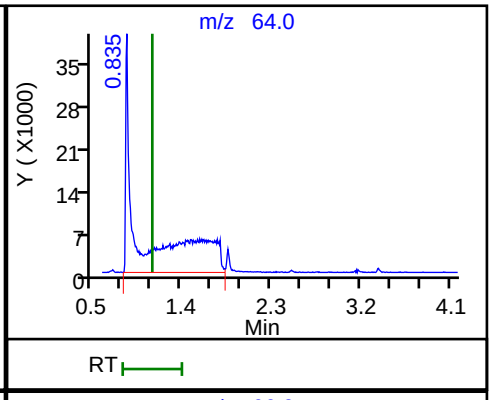
Eurofins TestAmerica, Edison

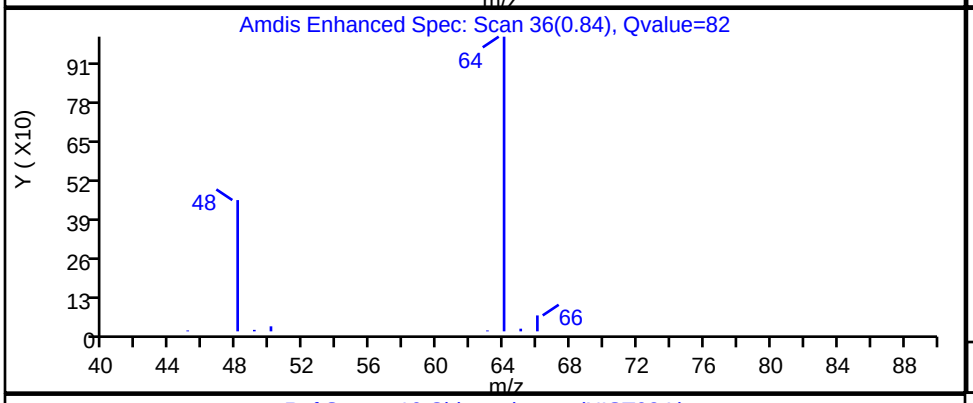
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

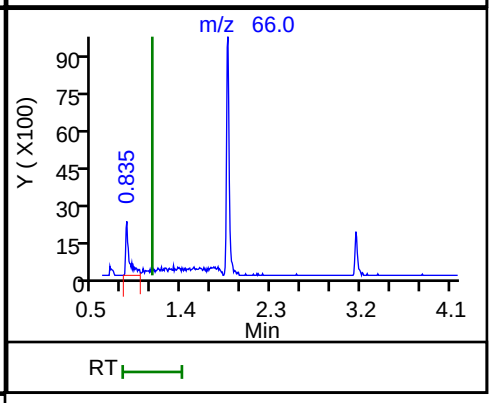
10 Chloroethane, CAS: 75-00-3

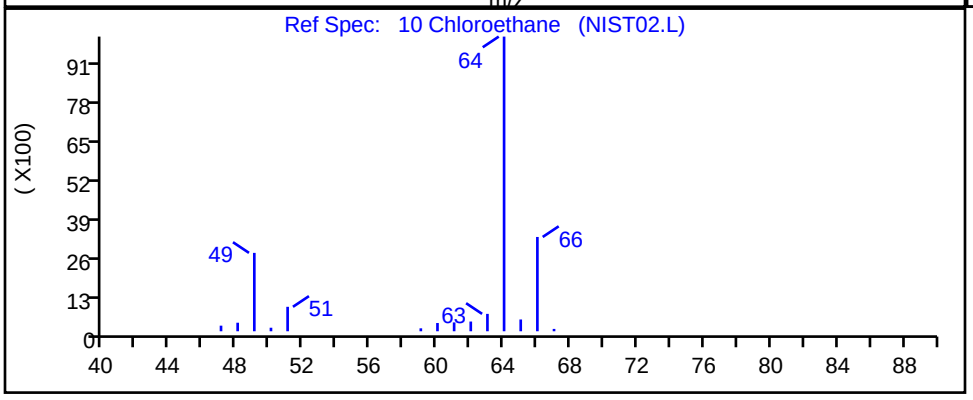
Processing Results











RT	Mass	Response	Amount
0.84	64.00	327961	1.330294
0.84	66.00	5483	

Reviewer: boykink, 05-Sep-2020 00:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

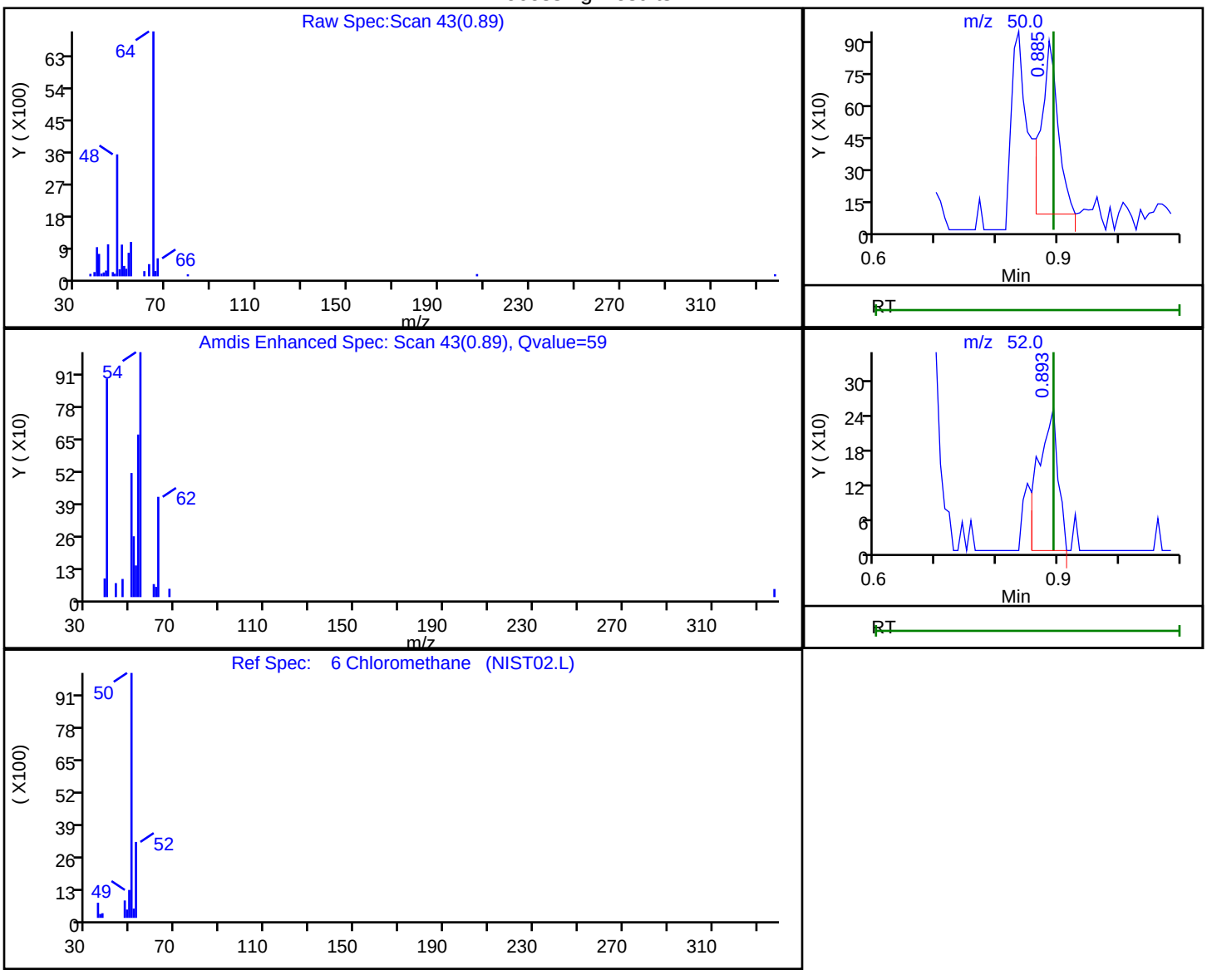
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

6 Chloromethane, CAS: 74-87-3

Processing Results



RT	Mass	Response	Amount
0.89	50.00	1564	0.285365
0.89	52.00	546	

Reviewer: boykink, 05-Sep-2020 00:02:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

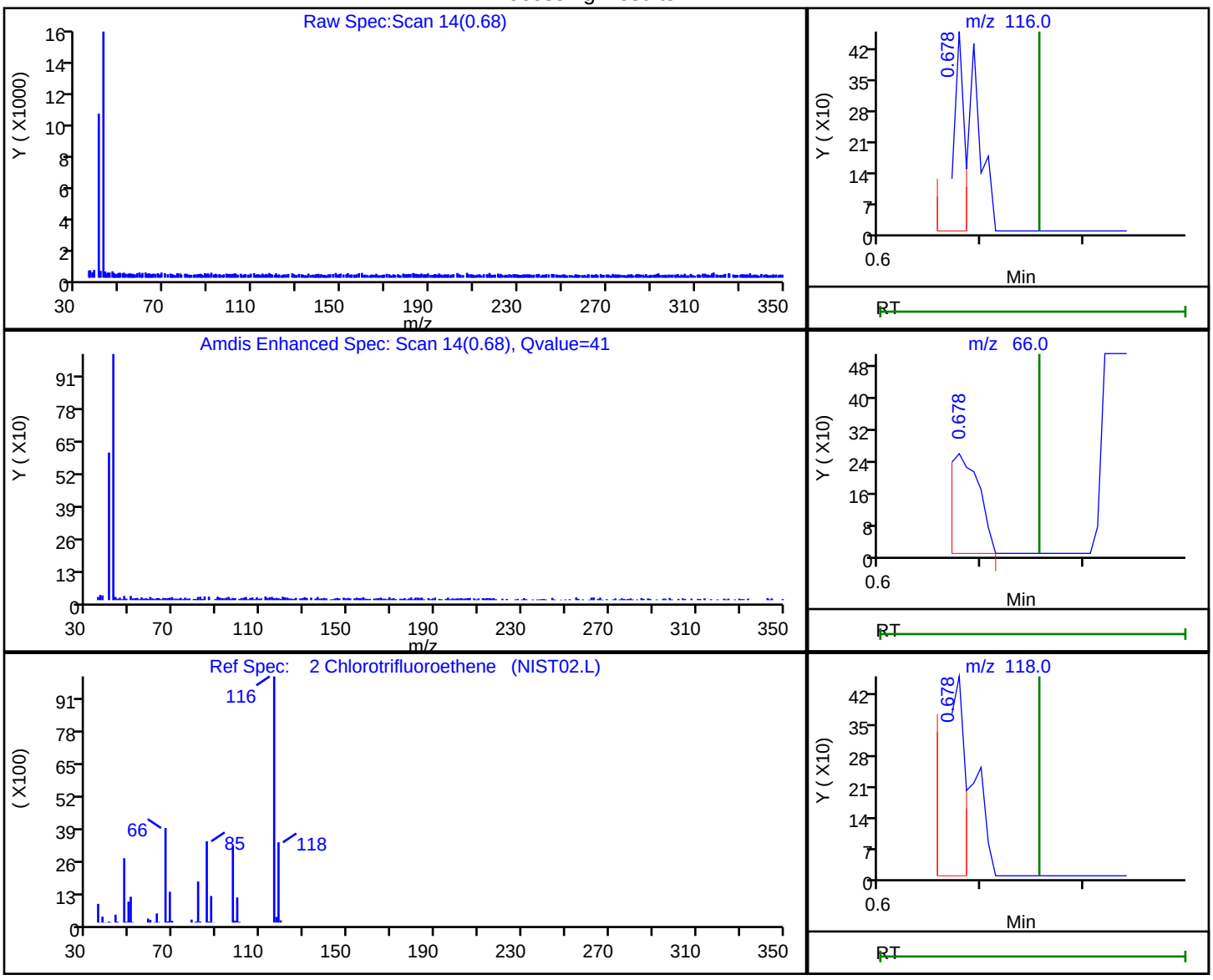
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
0.68	116.00	426	0.492486
0.68	66.00	493	
0.68	118.00	551	

Reviewer: boykink, 05-Sep-2020 00:02:30
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

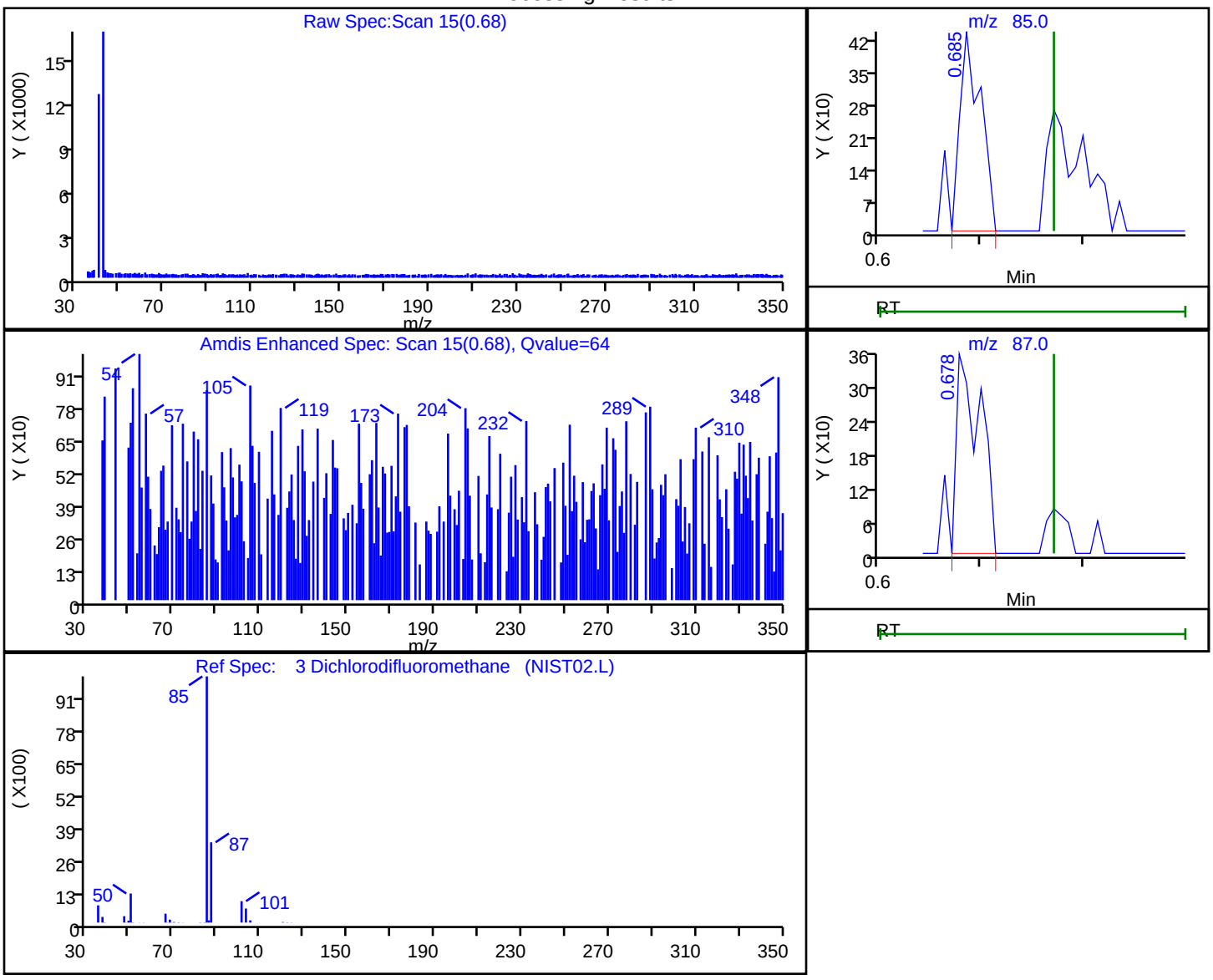
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
0.68	85.00	609	0.172788
0.68	87.00	575	

Reviewer: boykink, 05-Sep-2020 00:02:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

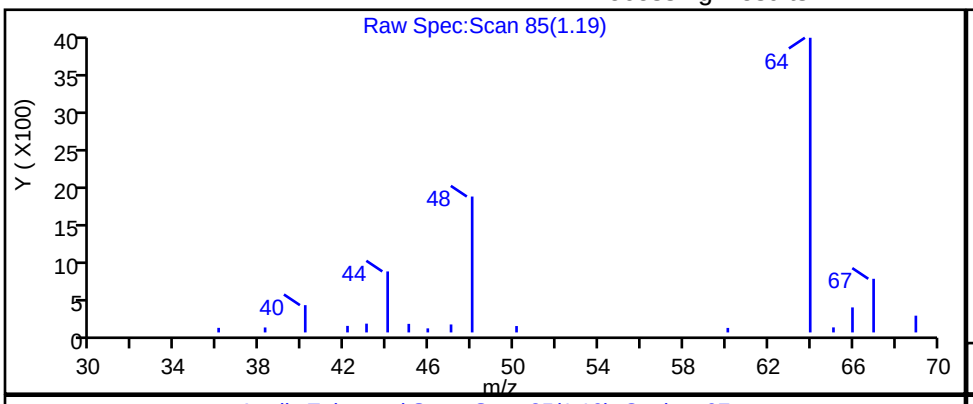
User Disabled Compound Report

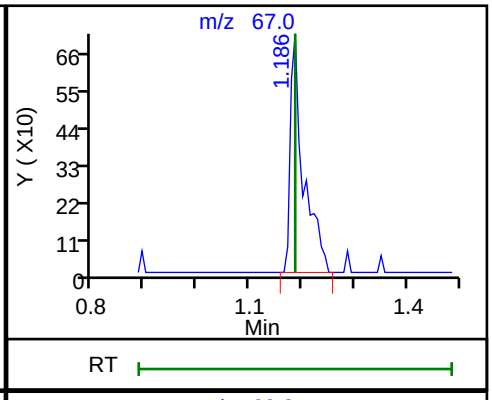
Eurofins TestAmerica, Edison

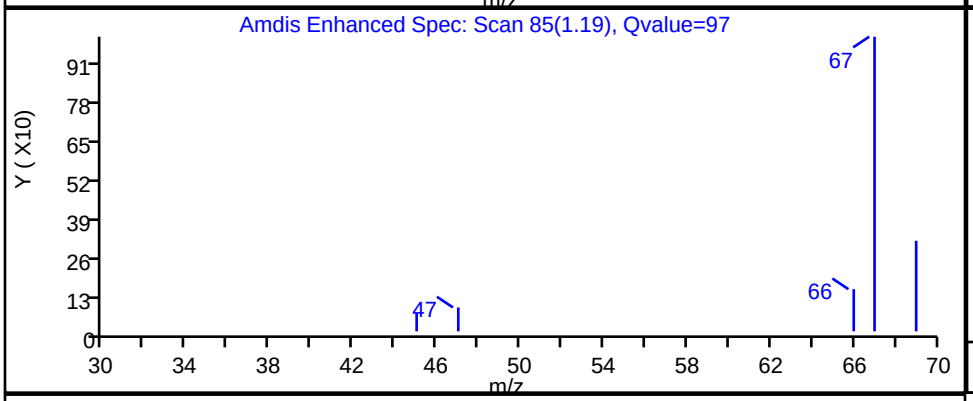
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

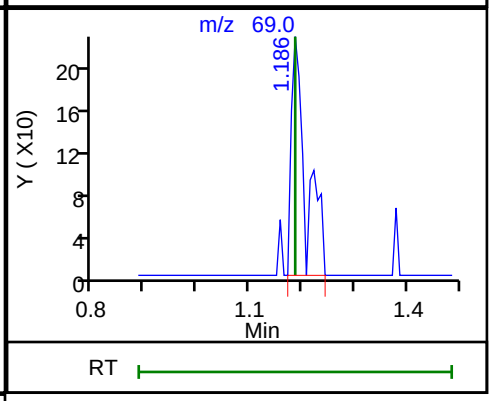
13 Dichlorofluoromethane, CAS: 75-43-4

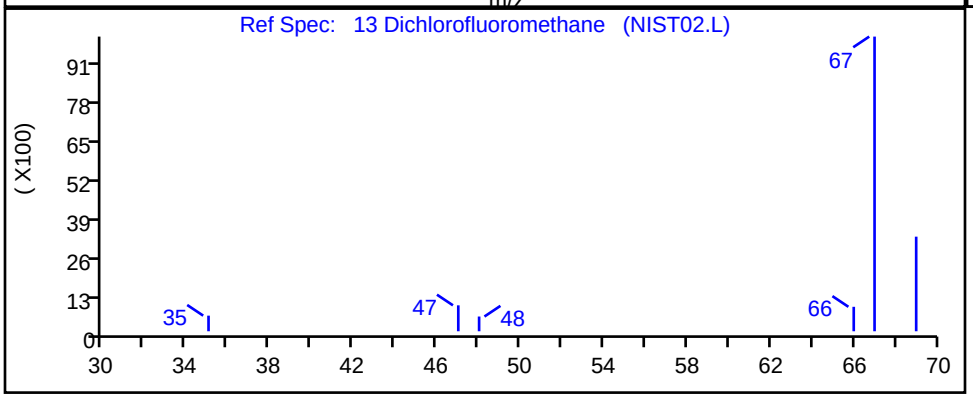
Processing Results











RT	Mass	Response	Amount
1.19	67.00	1245	0.263820
1.19	69.00	434	

Reviewer: boykink, 05-Sep-2020 00:02:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

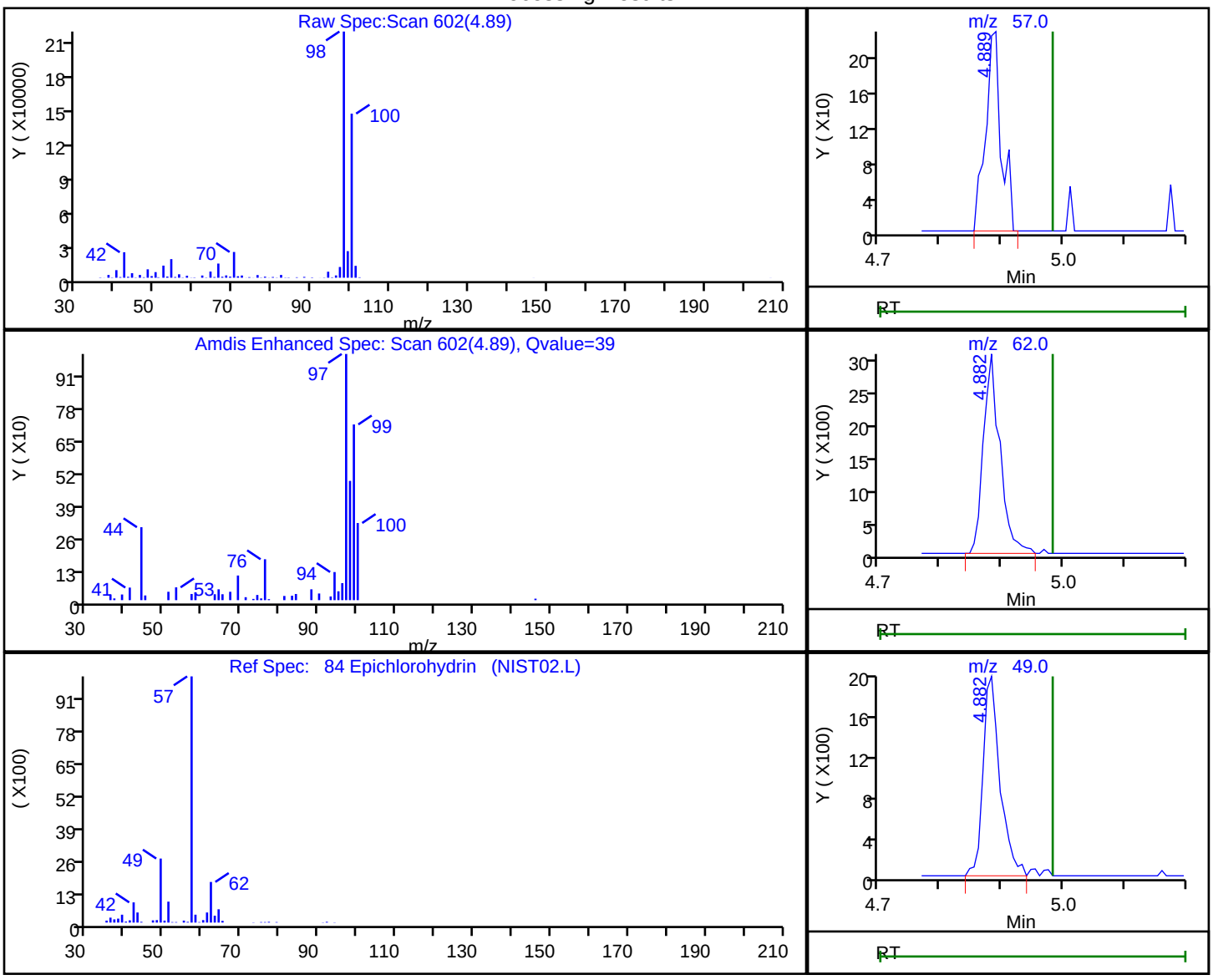
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Processing Results



RT	Mass	Response	Amount
4.89	57.00	406	8.568717
4.88	62.00	5790	
4.88	49.00	3821	

Reviewer: baronm, 05-Sep-2020 12:14:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

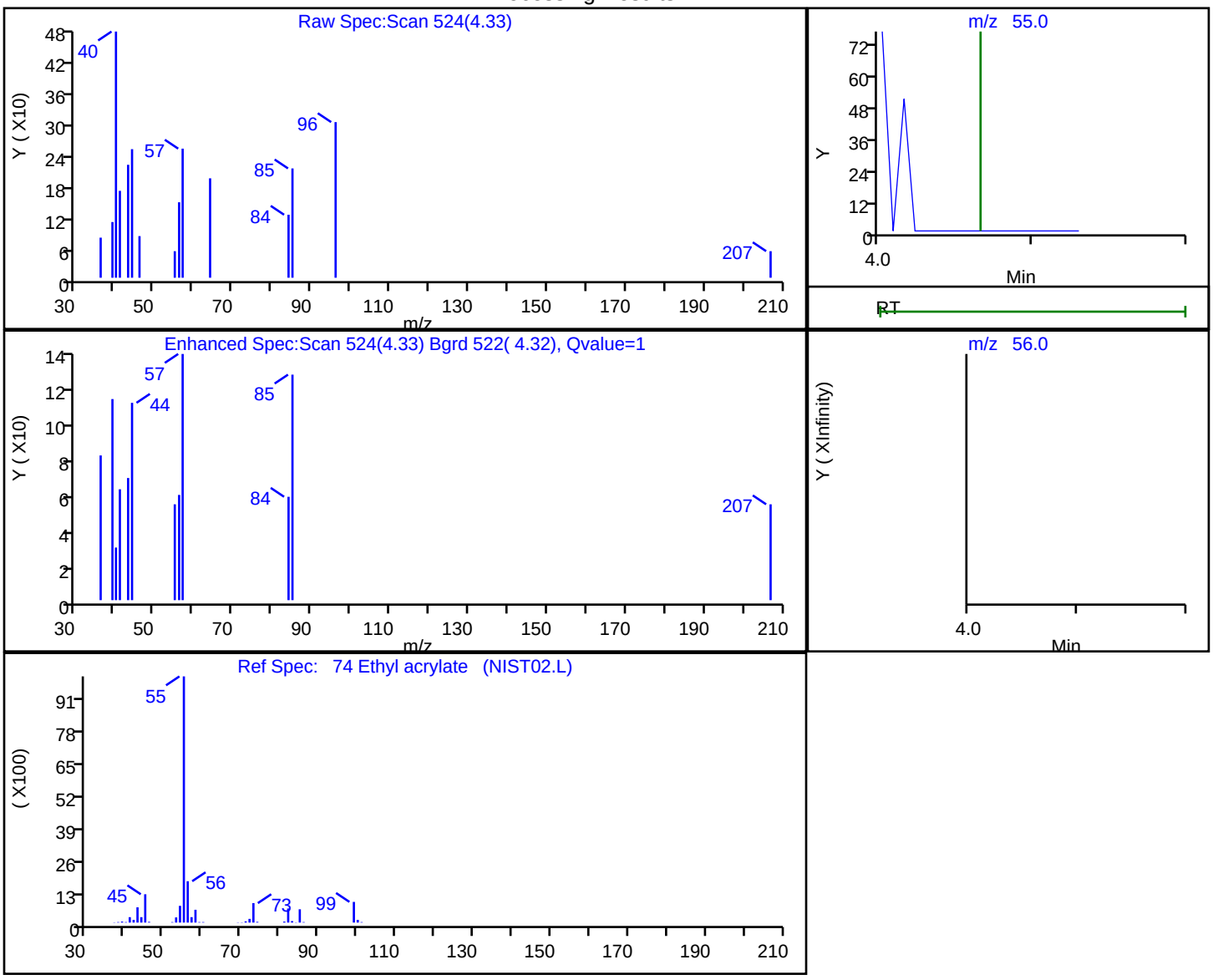
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D				
Injection Date:	04-Sep-2020 14:09:30	Instrument ID:	CVOAMS13		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

74 Ethyl acrylate, CAS: 140-88-5

Processing Results



RT	Mass	Response	Amount
4.33	55.00	44	0.567643
4.33	56.00	252	

Reviewer: boykink, 05-Sep-2020 00:03:34

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

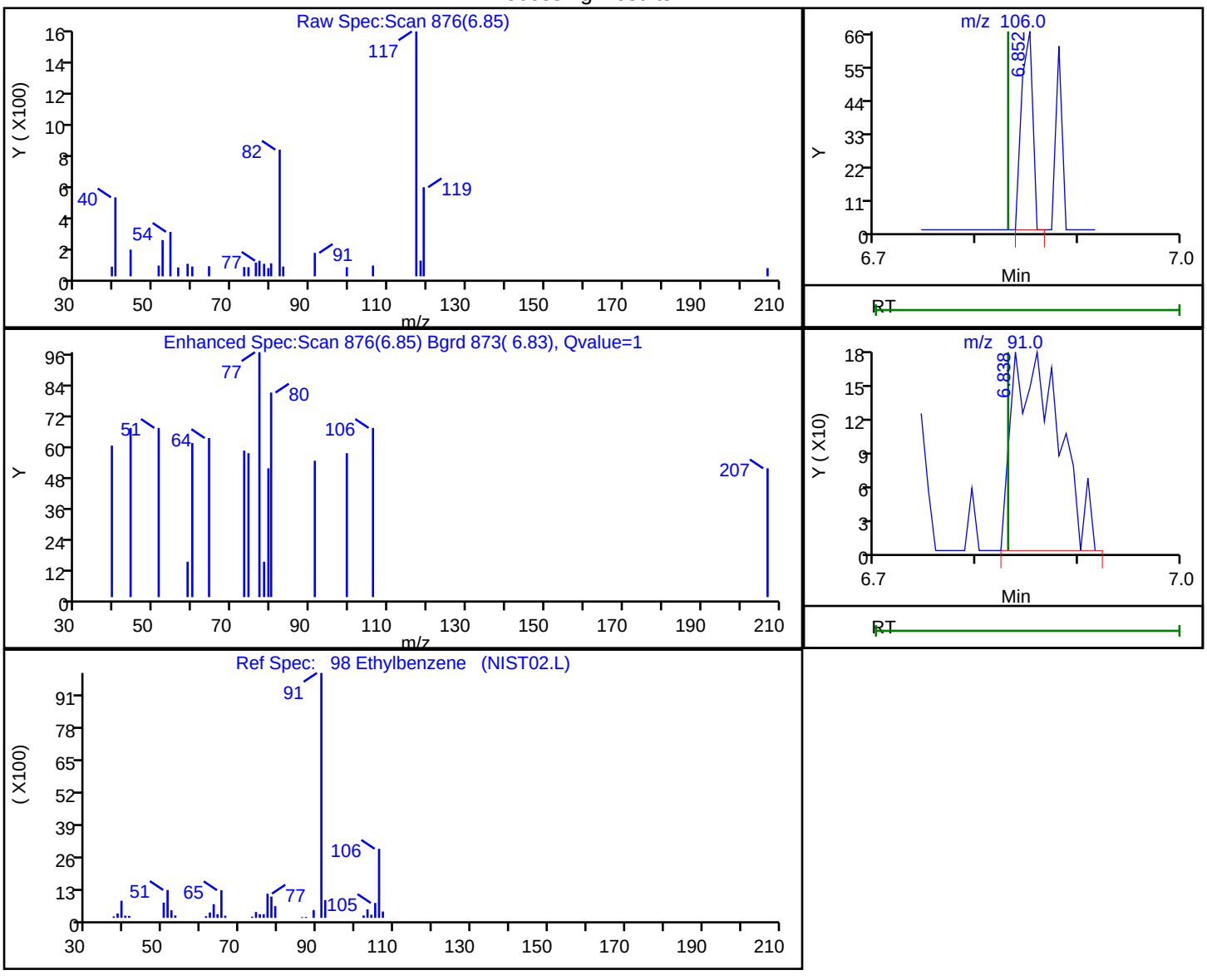
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

98 Ethylbenzene, CAS: 100-41-4

Processing Results



RT	Mass	Response	Amount
6.85	106.00	51	0.011946
6.84	91.00	571	

Reviewer: boykink, 05-Sep-2020 00:03:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

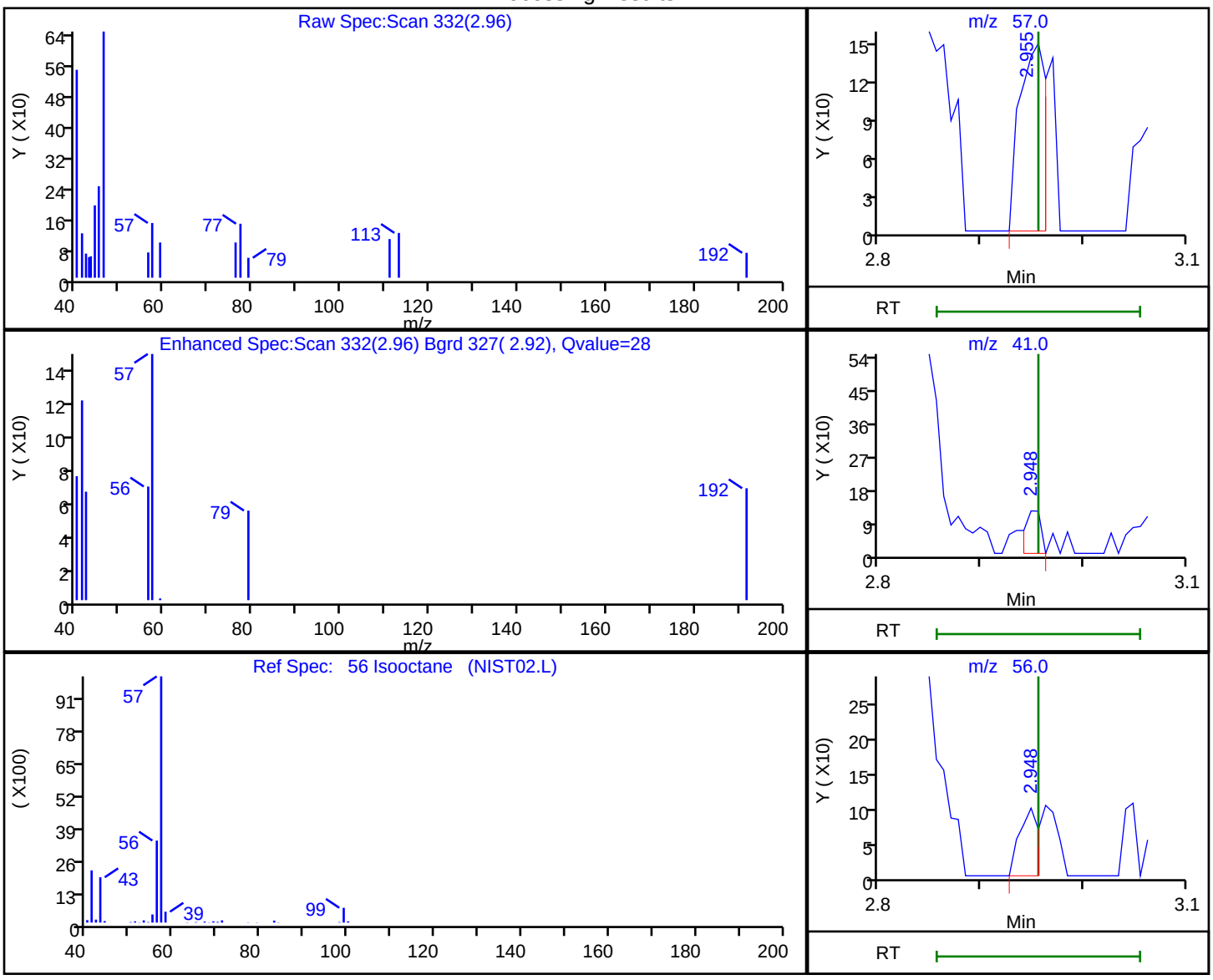
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

56 Isooctane, CAS: 540-84-1

Processing Results



RT	Mass	Response	Amount
2.96	57.00	257	0.031274
2.95	41.00	127	
2.95	56.00	123	

Reviewer: boykink, 05-Sep-2020 00:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

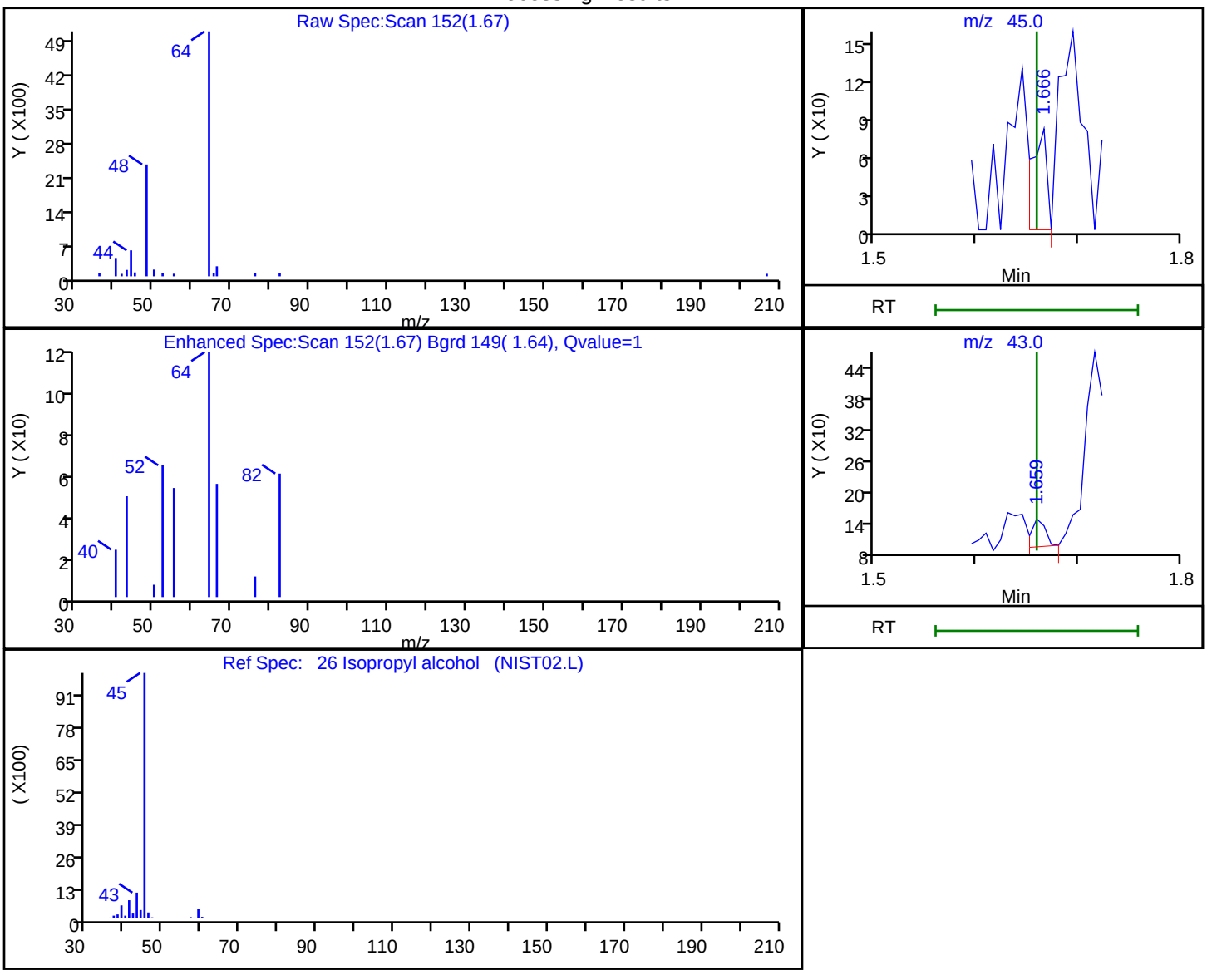
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

26 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
1.67	45.00	83	0.911971
1.66	43.00	50	

Reviewer: boykink, 05-Sep-2020 00:02:58
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

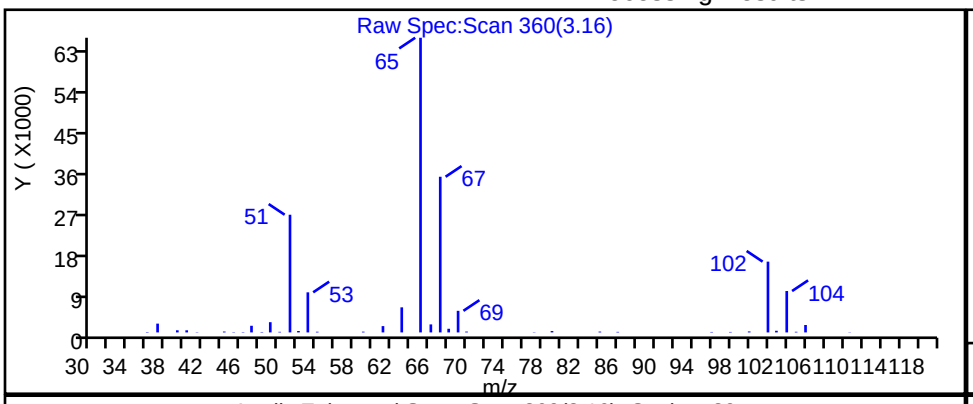
User Disabled Compound Report

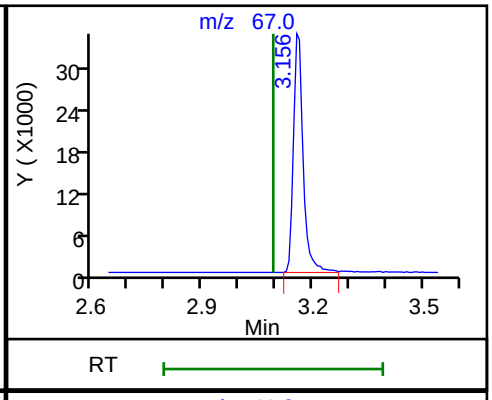
Eurofins TestAmerica, Edison

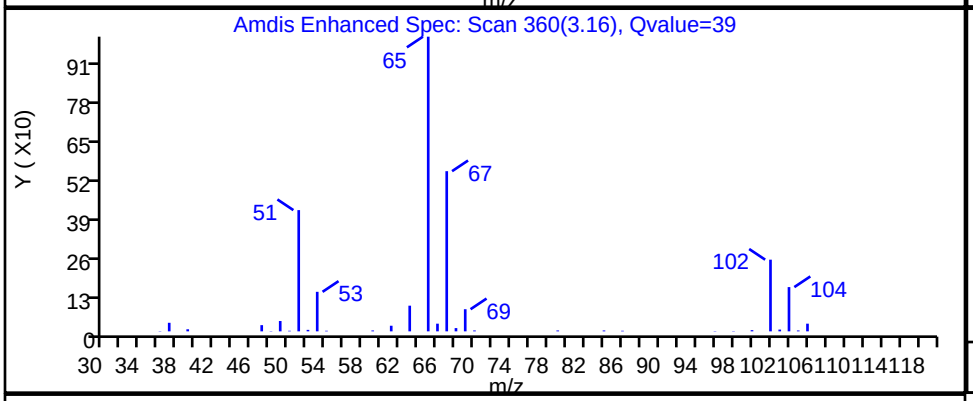
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

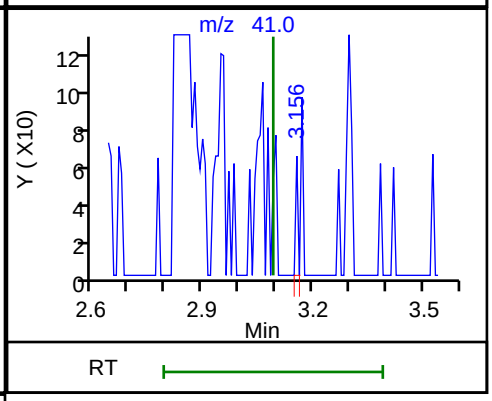
60 Methacrylonitrile, CAS: 126-98-7

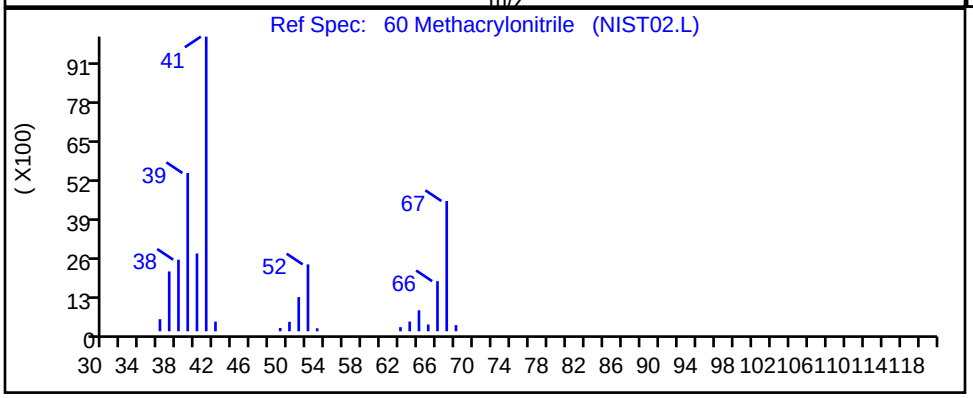
Processing Results











RT	Mass	Response	Amount
3.16	67.00	63861	85.791685
3.16	41.00	27	

Reviewer: boykink, 05-Sep-2020 00:03:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

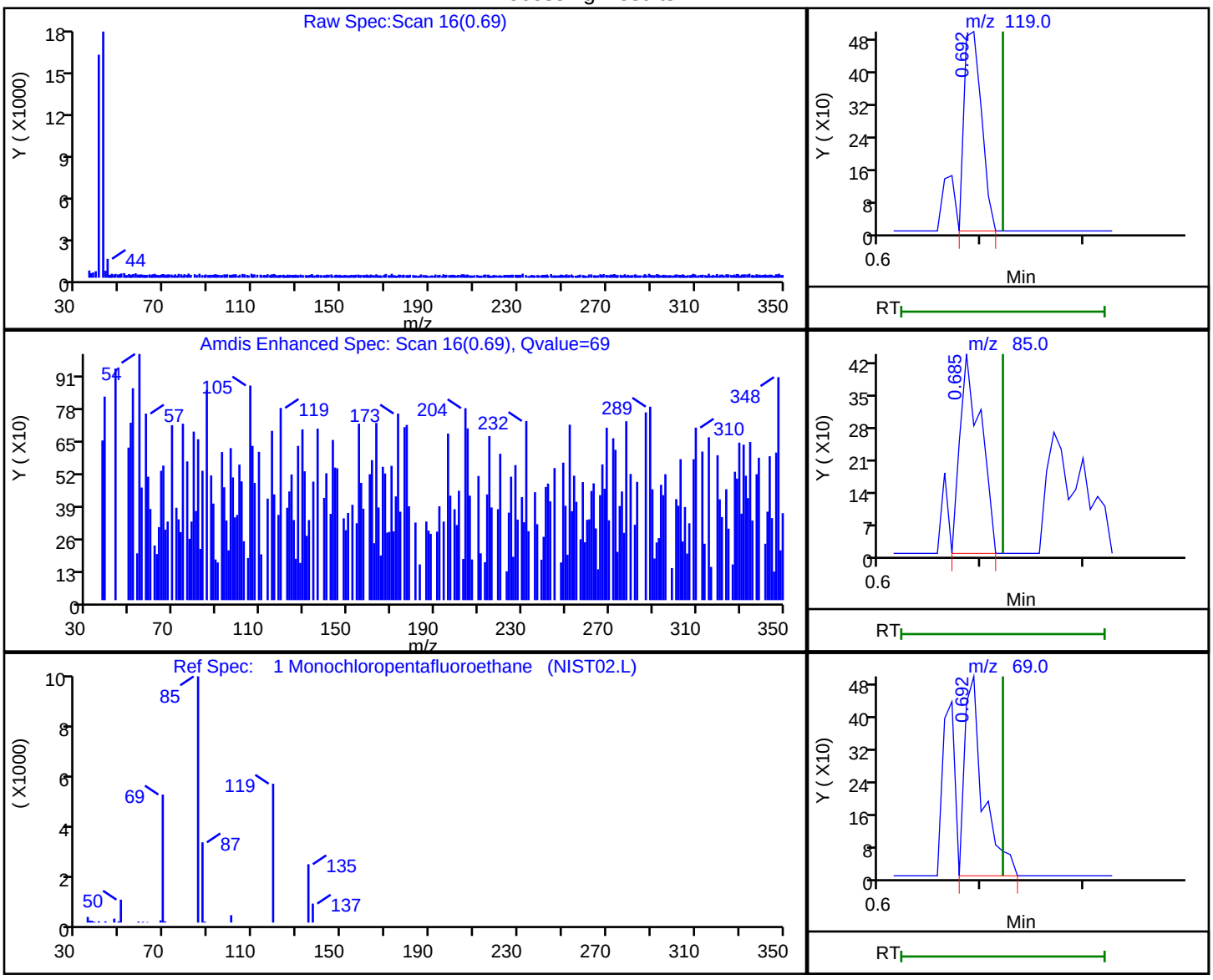
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Processing Results



RT	Mass	Response	Amount
0.69	119.00	593	2.523969
0.68	85.00	609	
0.69	69.00	630	
0.69	135.00	629	

Reviewer: boykink, 05-Sep-2020 00:02:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

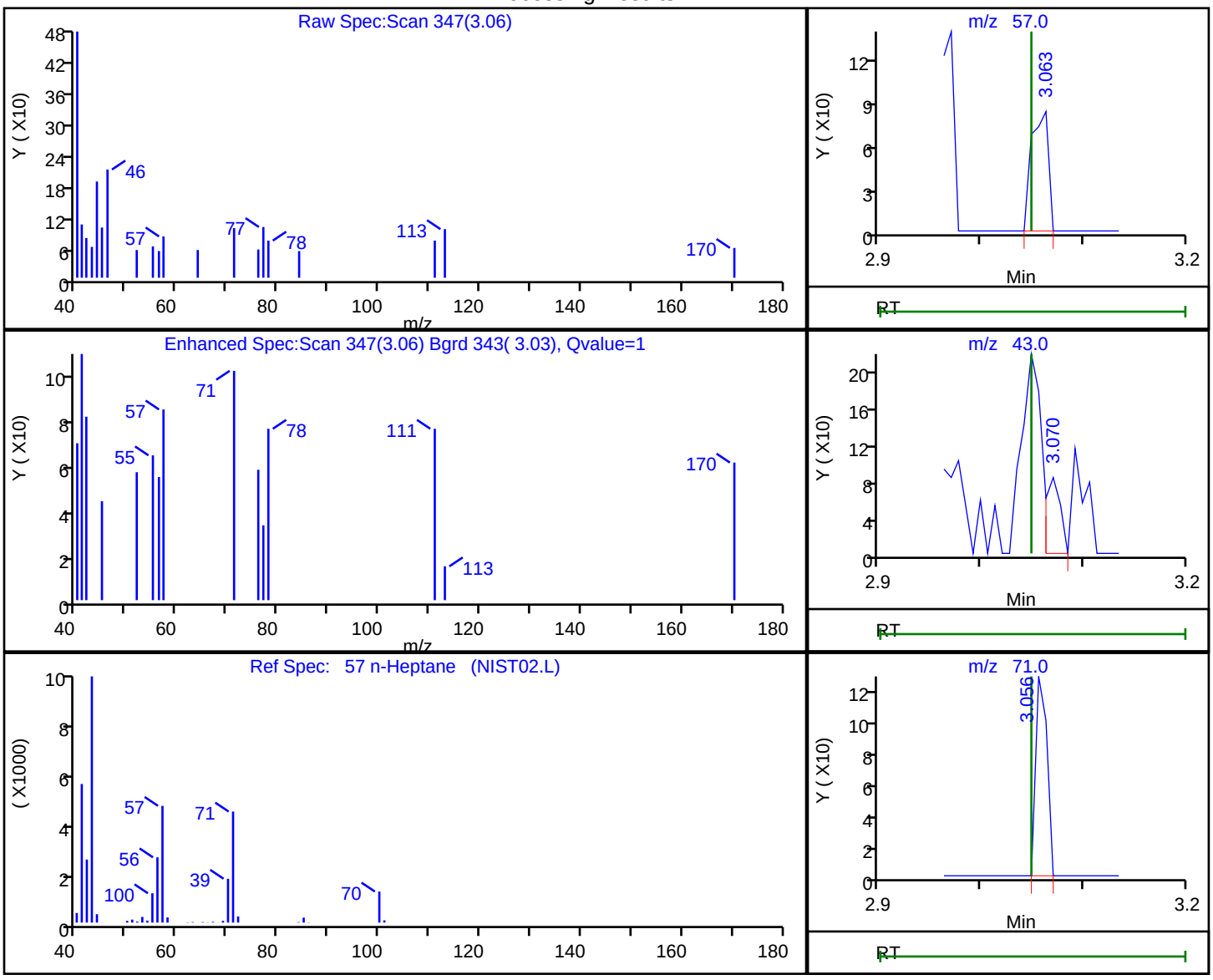
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Processing Results



RT	Mass	Response	Amount
3.06	57.00	91	0.044787
3.07	43.00	82	
3.06	71.00	93	

Reviewer: boykink, 05-Sep-2020 00:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

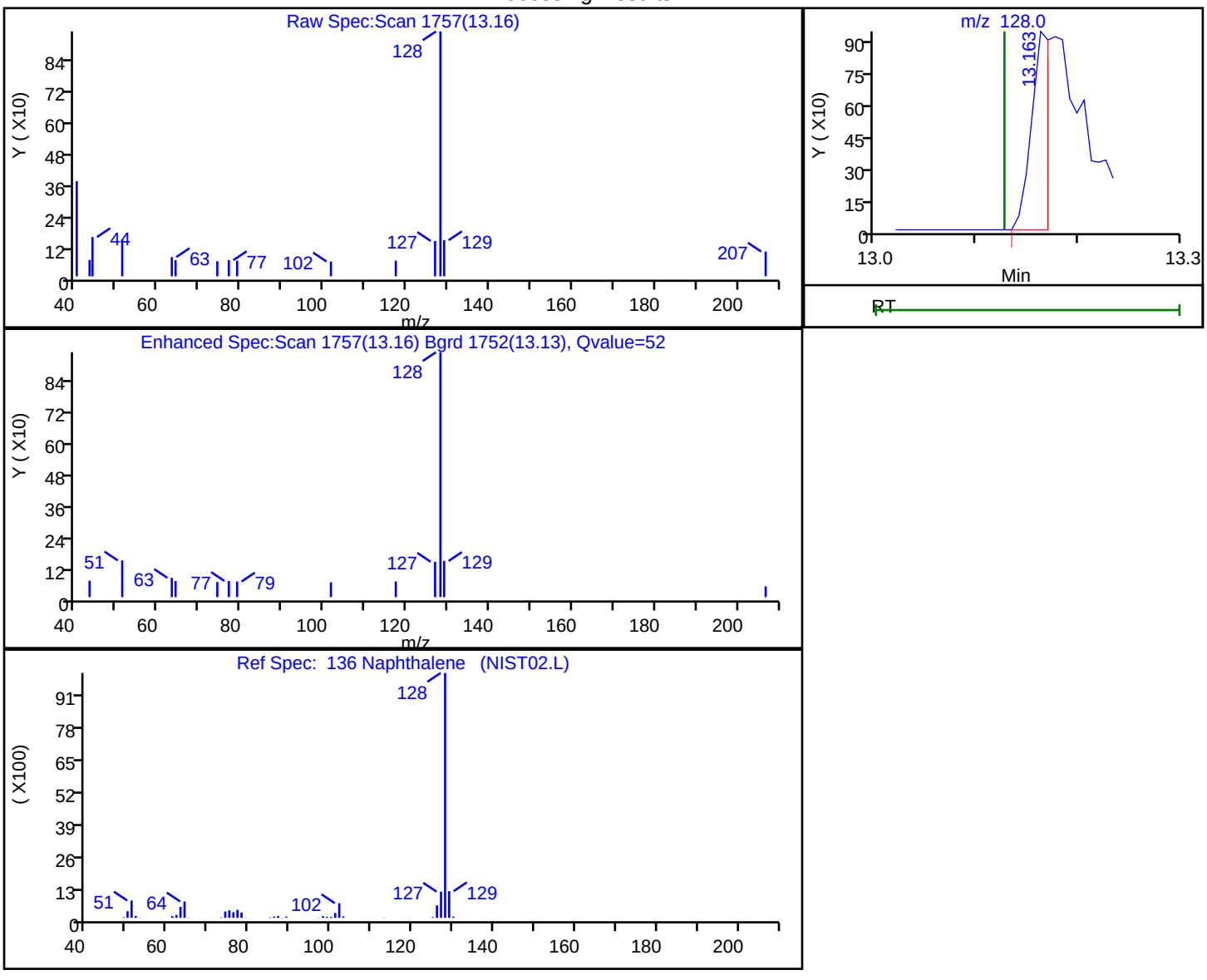
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D		
Injection Date:	04-Sep-2020 14:09:30	Instrument ID:	CVOAMS13
Lims ID:	STD8		
Client ID:			
Operator ID:		ALS Bottle#:	2 Worklist Smp#: 3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

136 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
13.16	128.00	1193	0.143501

Reviewer: boykink, 05-Sep-2020 00:03:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

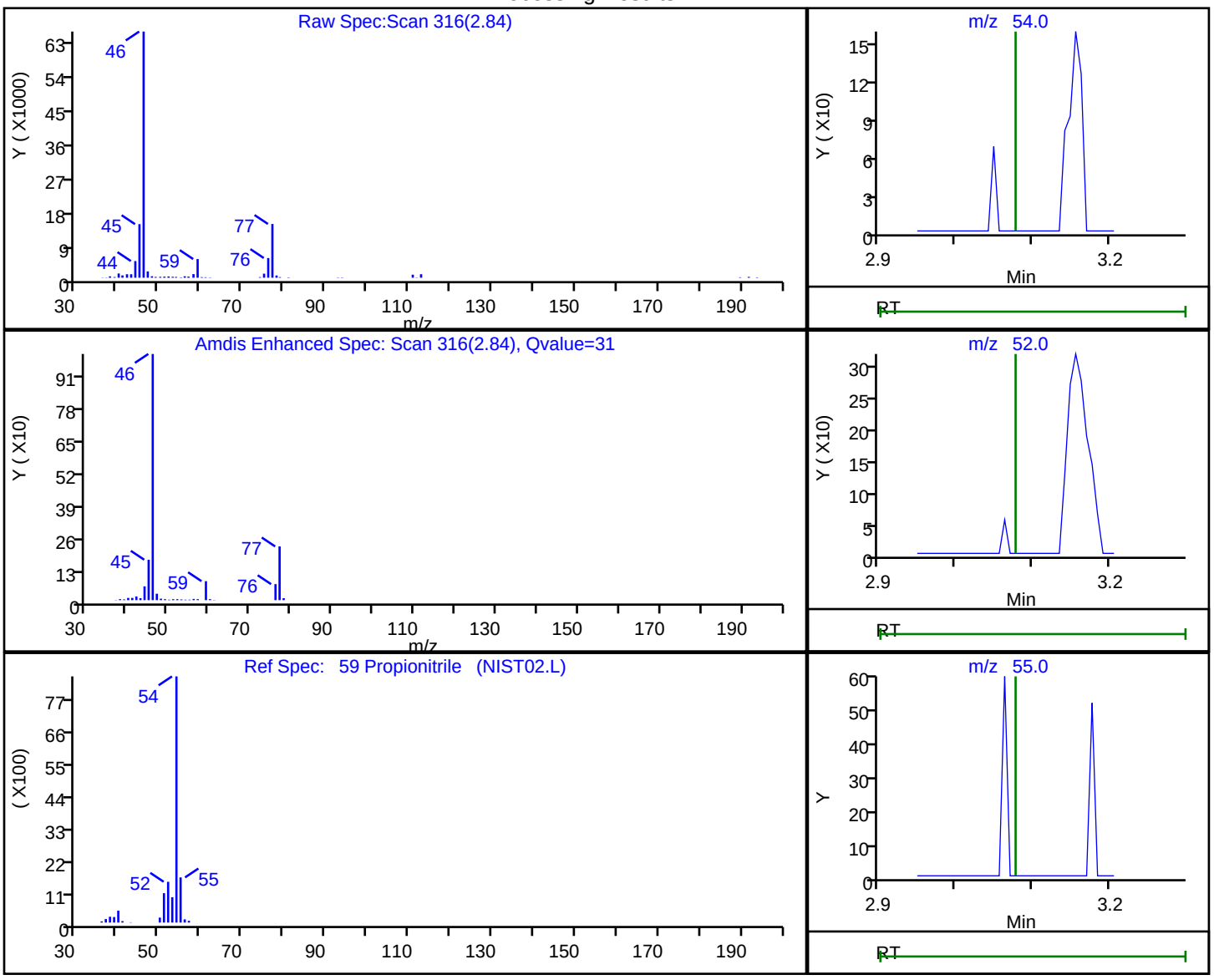
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
2.84	54.00	309	1.183645
2.83	52.00	616	
2.83	55.00	269	

Reviewer: boykink, 05-Sep-2020 00:03:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

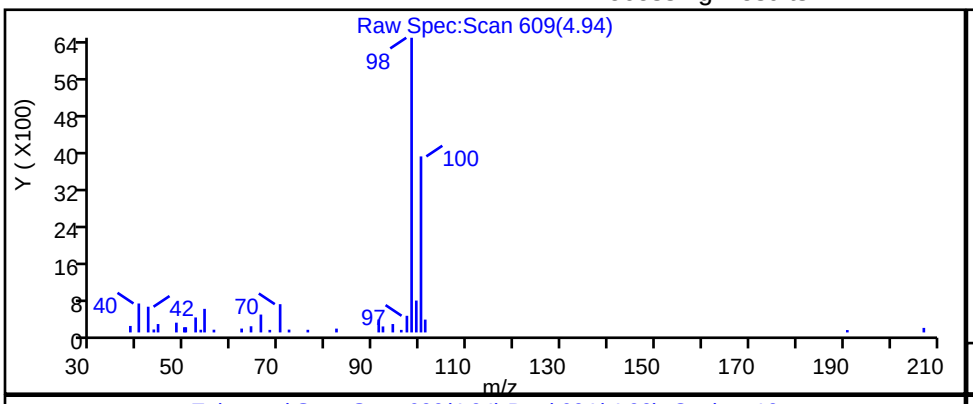
User Disabled Compound Report

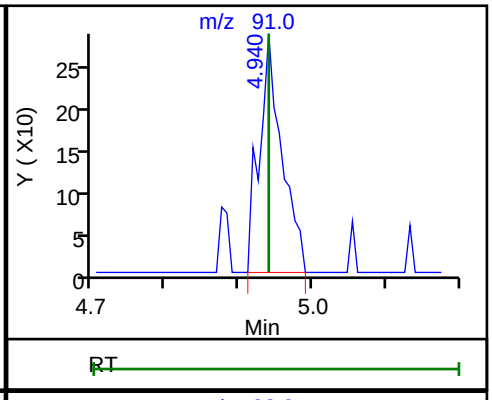
Eurofins TestAmerica, Edison

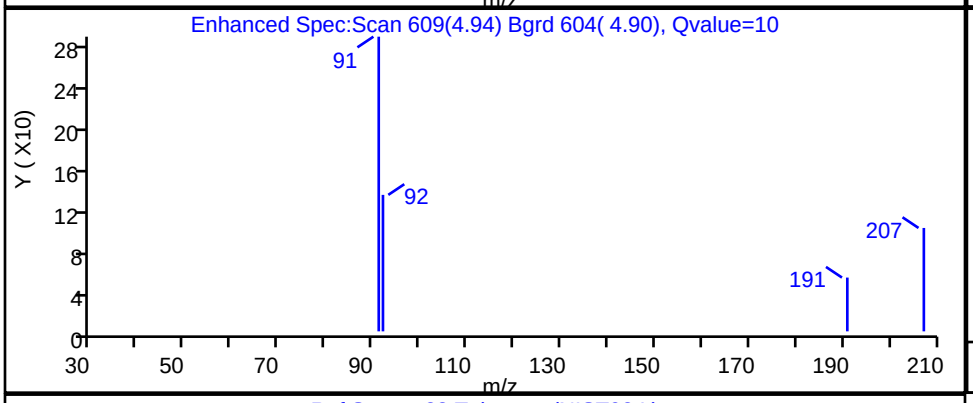
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D				
Injection Date:	04-Sep-2020 14:09:30	Instrument ID:	CVOAMS13		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

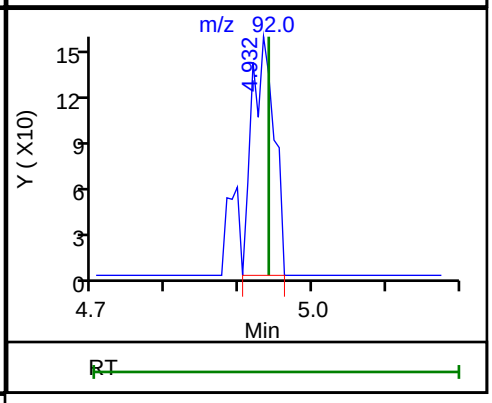
83 Toluene, CAS: 108-88-3

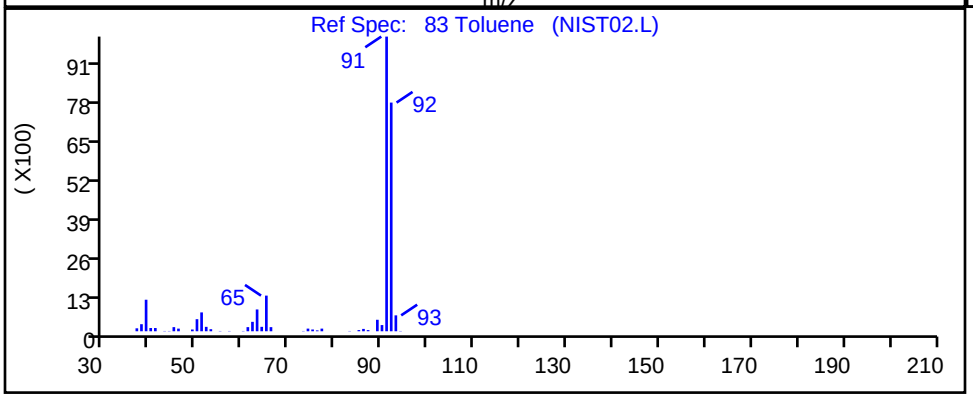
Processing Results











RT	Mass	Response	Amount
4.94	91.00	611	0.049766
4.93	92.00	330	

Reviewer: boykink, 05-Sep-2020 00:03:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

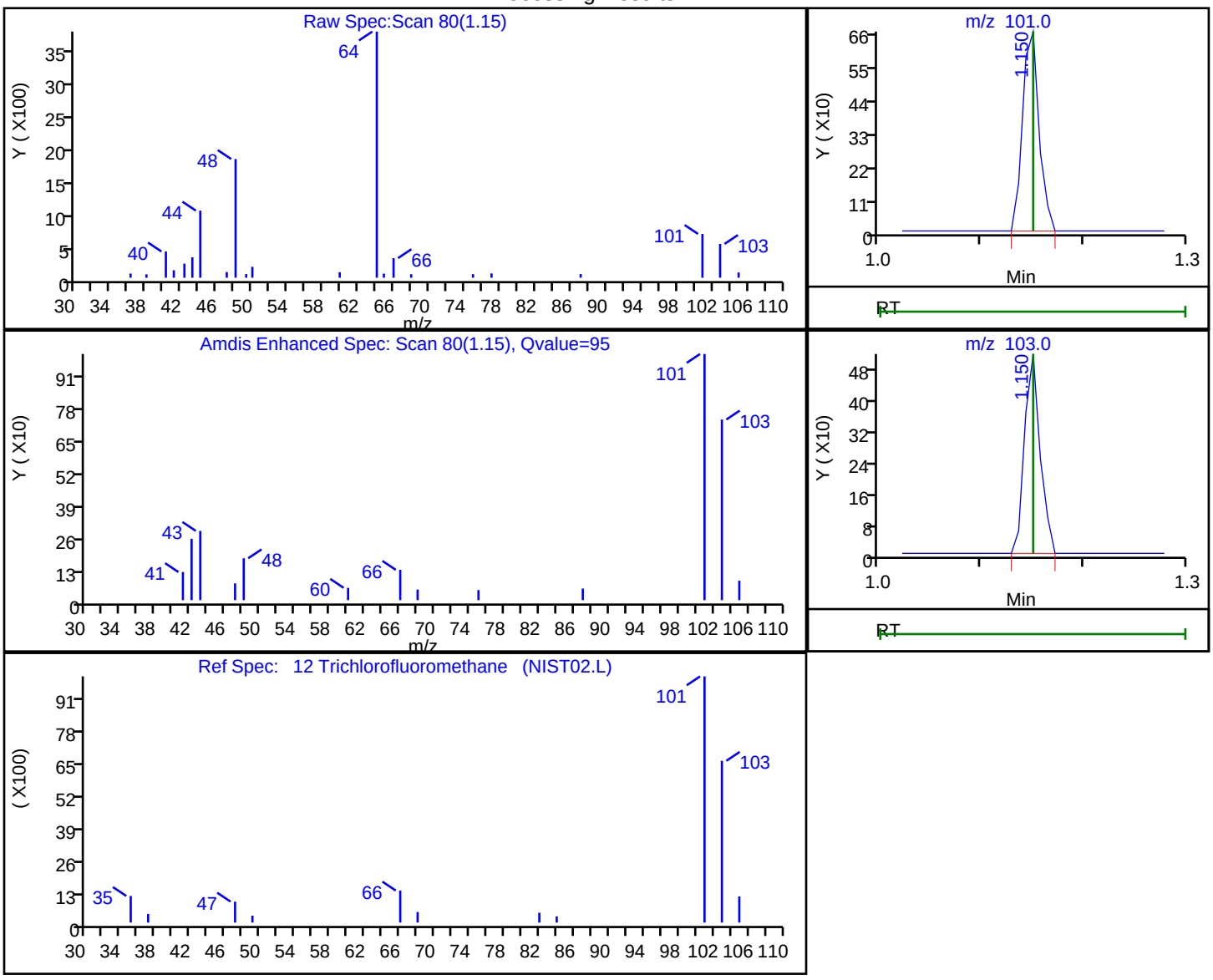
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D
Injection Date: 04-Sep-2020 14:09:30 Instrument ID: CVOAMS13
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
1.15	101.00	752	0.224057
1.15	103.00	546	

Reviewer: boykink, 05-Sep-2020 00:02:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

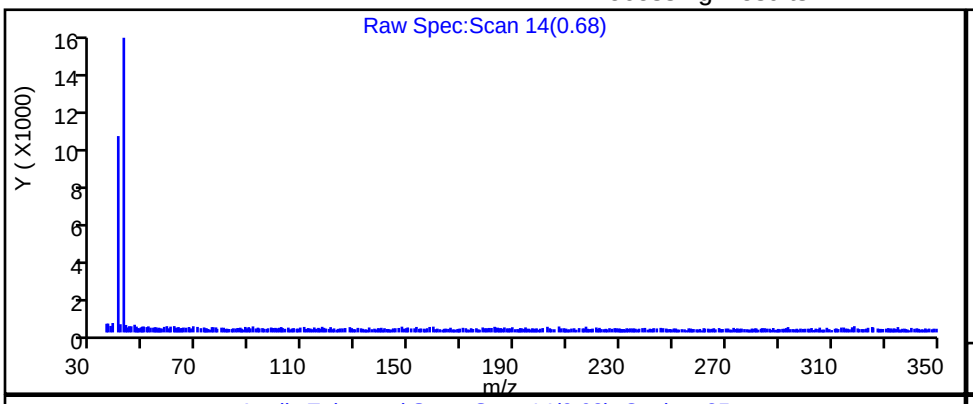
User Disabled Compound Report

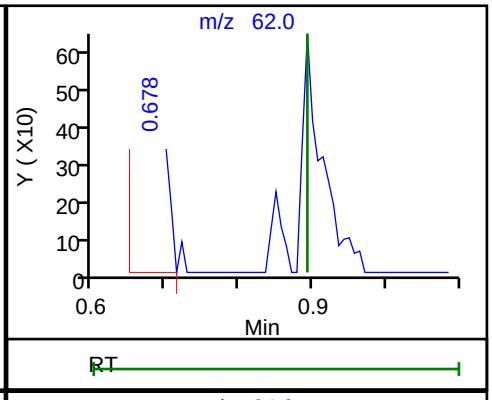
Eurofins TestAmerica, Edison

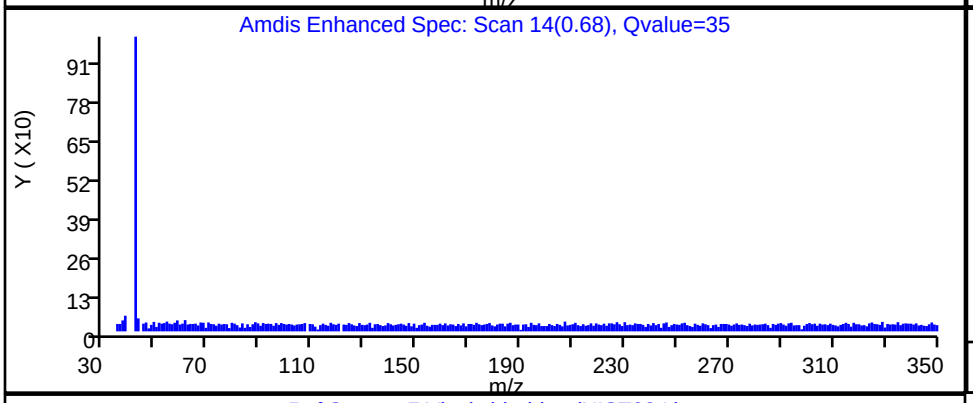
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79352.D				
Injection Date:	04-Sep-2020 14:09:30	Instrument ID:	CVOAMS13		
Lims ID:	STD8				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

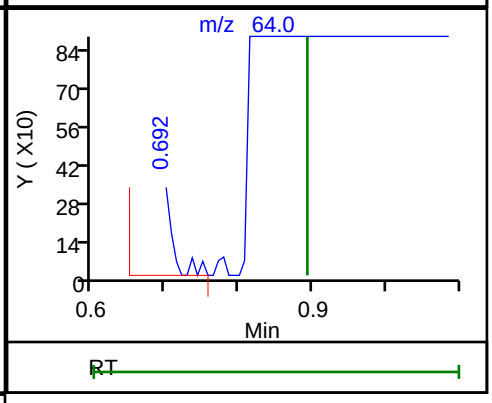
7 Vinyl chloride, CAS: 75-01-4

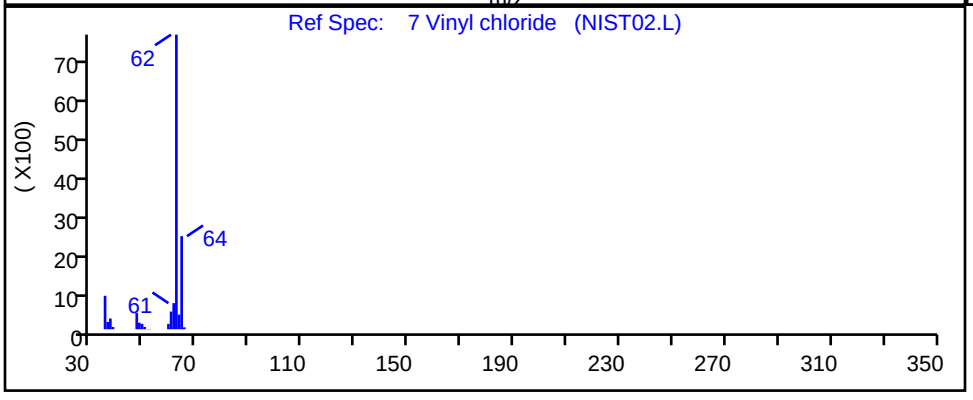
Processing Results











RT	Mass	Response	Amount
0.68	62.00	855	0.226508
0.69	64.00	891	

Reviewer: boykink, 05-Sep-2020 00:02:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Sep-2020 14:57:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0116303-004
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:37:57 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: baronm Date: 10-Sep-2020 10:29:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.735	0.721	0.014	34	260	1.00	1.09	Ma
2 Chlorotrifluoroethene	116	0.757	0.756	0.000	37	792	1.00	0.9370	a
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	95	3758	1.00	1.04	a
4 1,1-Difluoroethane	65	0.807	0.807	0.000	86	2330	1.00	1.35	
5 Chlorodifluoromethane	67	0.814	0.814	0.000	95	567	1.00	1.14	
6 Chloromethane	50	0.893	0.892	0.001	78	5585	1.00	1.10	
8 Butadiene	54	0.893	0.892	0.001	84	3584	1.00	1.06	
7 Vinyl chloride	62	0.893	0.892	0.001	55	4228	1.00	1.14	a
9 Bromomethane	94	1.043	1.036	0.007	91	1317	1.00	0.8664	
10 Chloroethane	64	1.100	1.093	0.007	68	1728	1.00	0.8760	Ma
11 Pentane	72	1.150	1.150	0.000	98	933	2.00	1.84	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	58	3466	1.00	1.02	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	96	5062	1.00	1.11	
14 2-Methyl-1,3-butadiene	67	1.294	1.286	0.008	96	3704	1.00	0.9499	
15 Ethyl ether	59	1.294	1.294	0.000	94	1790	1.00	0.9841	
17 1,1-Dichloroethene	96	1.394	1.387	0.007	98	2537	1.00	1.05	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	83	3776	1.00	1.07	
16 Ethanol	46	1.394	1.408	-0.014	24	520	40.0	53.3	a
19 Carbon disulfide	76	1.408	1.408	0.000	100	10501	1.00	1.11	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.416	1.408	0.008	69	2323	1.00	0.9798	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.416	1.415	0.001	88	3732	1.00	1.02	
22 Iodomethane	142	1.466	1.466	0.000	96	1799	1.00	0.4693	M
23 Cyclopentene	67	1.537	1.537	0.000	95	7175	1.00	1.07	
24 Acrolein	56	1.559	1.559	0.000	92	932	4.00	4.08	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	1633	1.00	1.05	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	1270	10.0	13.4	
27 Methylene Chloride	84	1.695	1.695	0.000	92	3163	1.00	1.08	
28 Acetone	43	1.716	1.716	0.000	88	3151	5.00	6.45	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	2887	1.00	1.04	
30 Methyl acetate	43	1.788	1.781	0.007	95	2248	2.00	1.96	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	80	586	1.00	0.8765	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	89	5695	1.00	1.00	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	117526	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	95	2091	10.0	16.3	
35 Acetonitrile	41	1.981	1.981	0.000	90	2375	10.0	10.1	a
36 Isopropyl ether	45	2.060	2.053	0.007	97	8349	1.00	0.9410	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	91	2424	1.00	0.9543	
38 1,1-Dichloroethane	63	2.125	2.117	0.008	100	5453	1.00	1.06	
39 Acrylonitrile	53	2.160	2.153	0.007	94	6770	10.0	10.2	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	7049	1.00	0.9638	
41 Vinyl acetate	43	2.297	2.282	0.015	100	7828	2.00	1.98	
42 cis-1,2-Dichloroethene	96	2.468	2.461	0.007	95	3453	1.00	1.13	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	96	3651	1.00	1.05	
44 Cyclohexane	56	2.590	2.583	0.007	91	5092	1.00	0.9885	
45 Chlorobromomethane	128	2.597	2.590	0.007	92	1372	1.00	1.02	
46 Chloroform	83	2.655	2.647	0.008	97	4928	1.00	1.07	
47 Carbon tetrachloride	117	2.734	2.733	0.001	91	2759	1.00	1.01	
48 Ethyl acetate	70	2.762	2.748	0.014	94	324	2.00	1.68	
49 Methyl acrylate	55	2.755	2.748	0.007	76	1261	1.00	0.8679	
50 Tetrahydrofuran	42	2.762	2.755	0.007	77	1334	2.00	1.99	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	41	3821	1.00	1.03	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	117139	50.0	50.5	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	148550	250.0	250.0	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	92	6214	1.00	1.55	a
54 2-Butanone (MEK)	72	2.884	2.869	0.015	83	1061	5.00	4.89	
56 Isooctane	57	2.956	2.955	0.001	99	7540	1.00	0.9274	
57 n-Heptane	57	3.056	3.049	0.007	51	1973	1.00	0.9885	
58 Benzene	78	3.056	3.056	0.000	95	12509	1.00	1.07	
59 Propionitrile	54	3.092	3.077	0.015	34	2300	10.0	9.22	a
60 Methacrylonitrile	67	3.099	3.092	0.007	91	6544	10.0	8.85	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	116479	50.0	50.0	
62 Tert-amyl methyl ether	73	3.170	3.163	0.007	38	5489	1.00	0.9020	
63 1,2-Dichloroethane	62	3.221	3.213	0.008	92	3385	1.00	1.13	
64 Isobutyl alcohol	43	3.299	3.292	0.007	94	1488	25.0	23.7	a
65 t-Amyl alcohol	59	3.371	3.357	0.014	84	1000	10.0	9.81	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	538450	50.0	50.0	
67 Isopropyl acetate	43	3.471	3.457	0.014	89	3423	1.00	1.00	
68 Methylcyclohexane	83	3.514	3.507	0.007	95	4411	1.00	0.9282	
69 Trichloroethene	130	3.543	3.536	0.007	96	2893	1.00	1.00	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	94	5420	1.00	0.9035	
71 Dibromomethane	93	3.908	3.894	0.014	91	1153	1.00	0.8895	
72 n-Butanol	56	3.958	3.915	0.043	31	341	25.0	8.84	a
73 1,2-Dichloropropane	63	3.987	3.980	0.007	86	2789	1.00	0.9582	
75 Dichlorobromomethane	83	4.073	4.066	0.007	97	2981	1.00	0.9336	
74 Ethyl acrylate	55	4.116	4.066	0.050	32	1080	1.00	1.02	a
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	63	15928	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.259	0.015	94	686	2.00	1.58	
78 1,4-Dioxane	88	4.274	4.273	0.001	51	890	50.0	48.5	
79 n-Propyl acetate	43	4.445	4.417	0.028	96	1797	1.00	0.8209	M
81 cis-1,3-Dichloropropene	75	4.718	4.696	0.022	91	3467	1.00	0.9014	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	100	486030	50.0	50.1	
83 Toluene	91	4.940	4.940	0.000	93	12488	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Epichlorohydrin	57	5.026	4.983	0.043	6	457	20.0	9.00	a
85 2-Nitropropane	41	5.212	5.197	0.015	72	595	2.00	2.06	a
86 Tetrachloroethene	166	5.370	5.362	0.008	94	2994	1.00	1.07	
87 4-Methyl-2-pentanone (MIBK)	43	5.420	5.405	0.015	95	6526	5.00	4.25	
88 trans-1,3-Dichloropropene	75	5.491	5.441	0.050	89	2316	1.00	0.7576	
89 1,1,2-Trichloroethane	83	5.627	5.606	0.021	90	1565	1.00	0.9620	
90 Ethyl methacrylate	69	5.728	5.699	0.029	32	1777	1.00	0.7772	a
91 Chlorodibromomethane	129	5.821	5.799	0.022	90	2087	1.00	0.99	
92 1,3-Dichloropropane	76	5.935	5.914	0.021	90	3102	1.00	0.9162	
93 Ethylene Dibromide	107	6.086	6.050	0.036	85	1523	1.00	0.8714	
94 n-Butyl acetate	43	6.430	6.401	0.029	93	1329	1.00	1.02	
95 2-Hexanone	43	6.487	6.458	0.029	96	3781	5.00	3.67	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	376063	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	90	7634	1.00	1.02	
98 Ethylbenzene	106	6.838	6.831	0.007	98	4244	1.00	1.01	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	87	2037	1.00	0.8806	
100 m-Xylene & p-Xylene	106	7.074	7.046	0.028	0	3984	1.00	0.8111	
101 o-Xylene	106	7.640	7.626	0.014	96	5124	1.00	1.03	
102 Bromoform	173	7.719	7.690	0.029	84	1085	1.00	0.9149	
103 Styrene	104	7.762	7.719	0.043	94	7343	1.00	0.9234	a
104 n-Butyl acrylate	73	8.099	8.056	0.043	31	835	1.00	1.01	M
105 Isopropylbenzene	105	8.120	8.113	0.007	96	13158	1.00	1.02	
106 Amyl acetate (mixed isomers)	43	8.514	8.471	0.043	64	1912	1.00	1.03	a
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	93	156709	50.0	51.5	
108 Bromobenzene	156	8.593	8.586	0.007	98	2820	1.00	0.9020	
109 N-Propylbenzene	91	8.758	8.743	0.015	99	14685	1.00	0.9387	
110 1,1,2,2-Tetrachloroethane	83	8.915	8.894	0.021	46	1926	1.00	0.8881	
111 2-Chlorotoluene	91	8.930	8.908	0.022	97	11854	1.00	1.10	
112 4-Ethyltoluene	105	8.951	8.929	0.022	97	12311	1.00	0.9472	
113 1,2,3-Trichloropropane	110	9.058	9.023	0.035	84	423	1.00	0.7374	
114 1,3,5-Trimethylbenzene	105	9.101	9.087	0.014	95	10115	1.00	0.9326	
116 4-Chlorotoluene	91	9.216	9.173	0.043	97	8324	1.00	0.8787	
117 tert-Butylbenzene	119	9.553	9.545	0.008	95	9515	1.00	1.01	
118 1,2,4-Trimethylbenzene	105	9.703	9.682	0.021	96	10649	1.00	0.9518	
119 Butyl Methacrylate	87	9.717	9.696	0.021	91	2025	1.00	1.02	
120 sec-Butylbenzene	105	9.846	9.839	0.007	99	14242	1.00	1.00	
121 1,3-Dichlorobenzene	146	10.119	10.097	0.022	70	5778	1.00	0.9355	
122 4-Isopropyltoluene	119	10.126	10.118	0.008	98	11647	1.00	0.9694	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	211533	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.247	0.001	91	6840	1.00	1.05	
125 1,2,3-Trimethylbenzene	105	10.369	10.355	0.014	98	11009	1.00	0.9710	
126 2,3-Dihydroindene	117	10.548	10.527	0.021	93	11199	1.00	1.02	
127 Benzyl chloride	126	10.756	10.713	0.043	65	345	1.00	1.03	
128 p-Diethylbenzene	119	10.742	10.727	0.015	94	5808	1.00	0.9593	
129 n-Butylbenzene	91	10.828	10.813	0.015	96	10289	1.00	0.9392	
130 1,2-Dichlorobenzene	146	10.950	10.921	0.029	94	5315	1.00	0.9402	
131 1,2,4,5-Tetramethylbenzene	119	11.938	11.924	0.014	96	8988	1.00	0.8524	
132 1,2-Dibromo-3-Chloropropane	157	12.096	12.074	0.022	1	278	1.00	0.7701	
133 1,3,5-Trichlorobenzene	180	12.153	12.124	0.029	96	3817	1.00	0.8514	
134 1,2,4-Trichlorobenzene	180	12.862	12.819	0.043	60	3454	1.00	0.9179	
135 Hexachlorobutadiene	225	12.841	12.840	0.001	95	1831	1.00	1.10	
136 Naphthalene	128	13.149	13.127	0.022	99	8490	1.00	1.22	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 1,2,3-Trichlorobenzene	180	13.313	13.299	0.014	94	3159	1.00	1.03	
S 138 1,2-Dichloroethene, Total	100				0		2.00	2.17	
S 139 1,3-Dichloropropene, Total	100				0		2.00	1.66	
S 140 Xylenes, Total	100				0		2.00	1.84	
S 142 Total BTEX	1				0		5.00	4.97	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added:	10.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00384	Amount Added:	10.00	Units: uL	
14DIOXINTER_00118	Amount Added:	30.00	Units: uL	
524freon_00027	Amount Added:	10.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:38:00 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D

Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13 Operator ID:

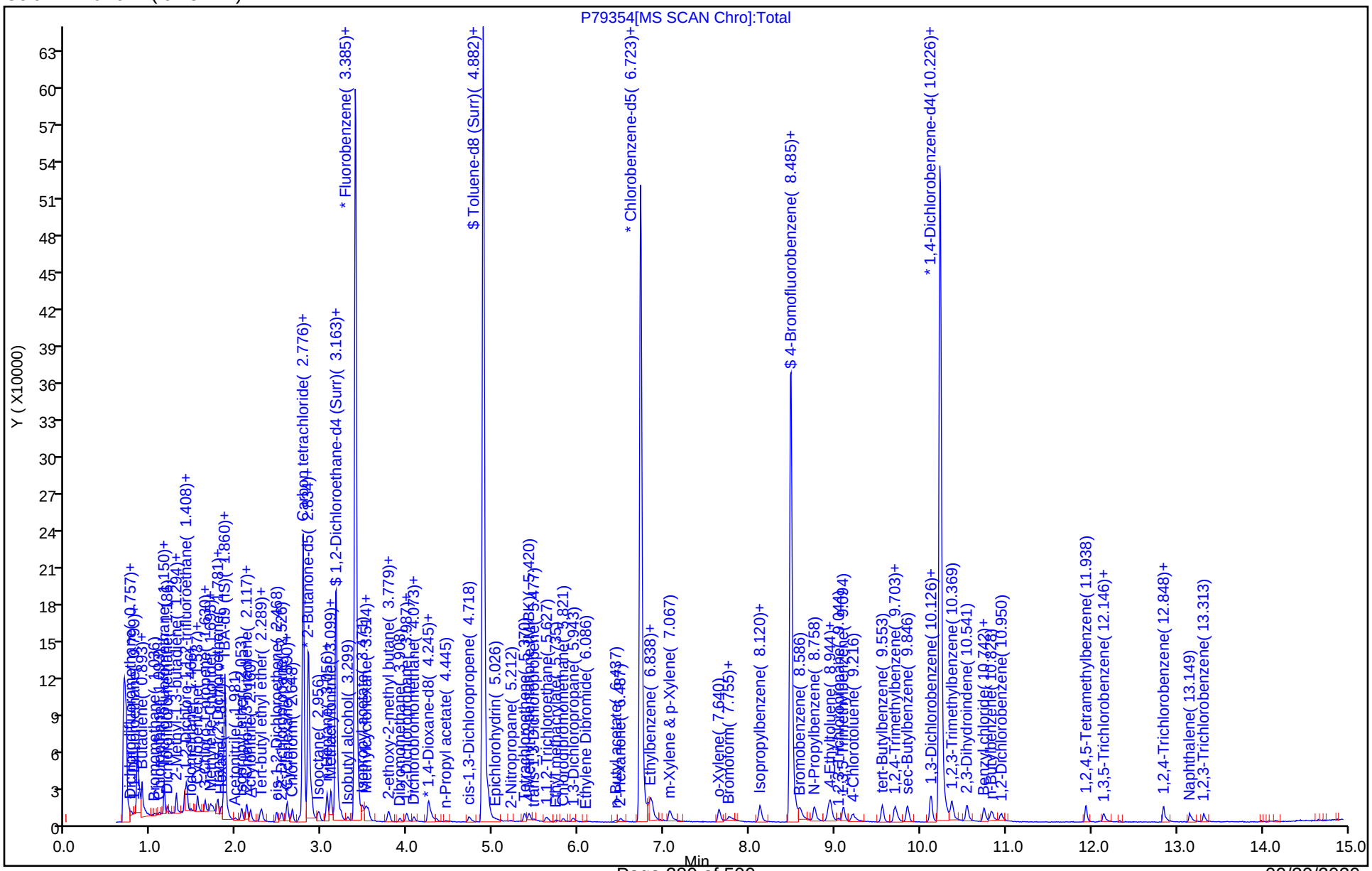
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

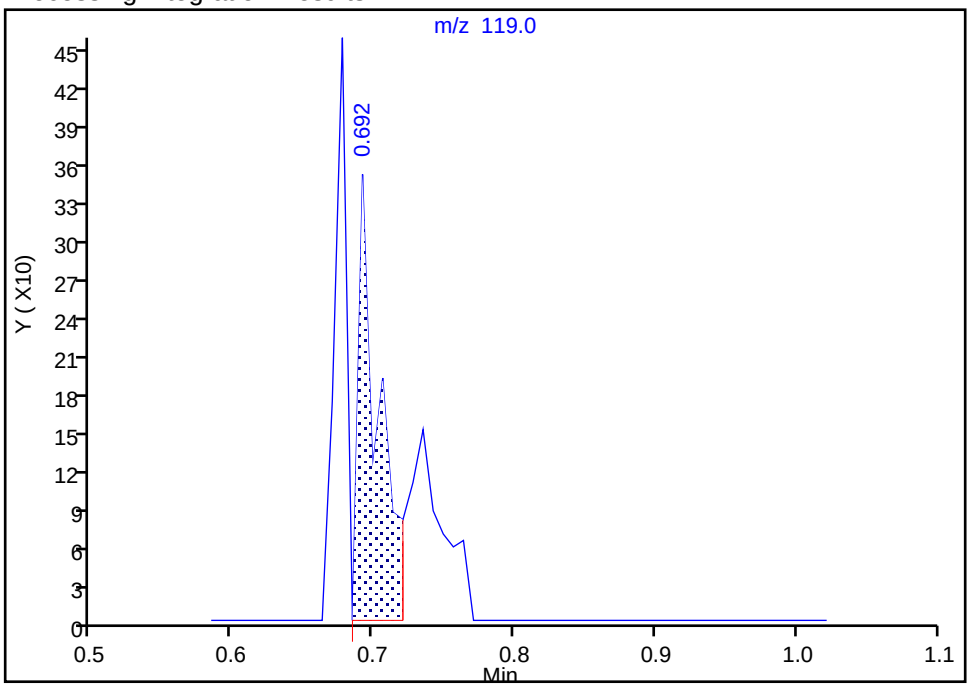
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

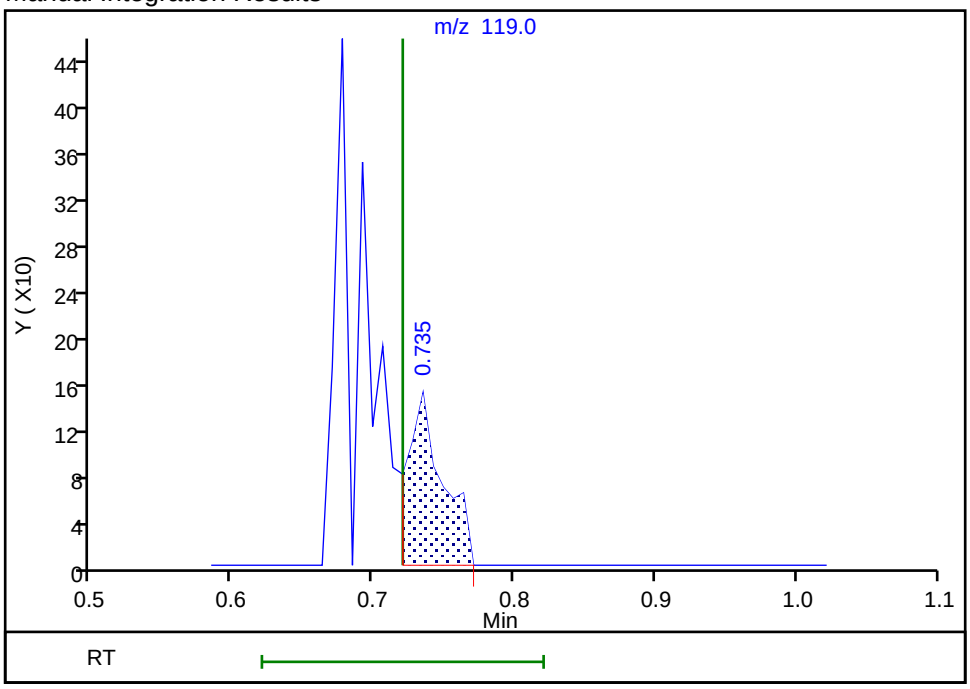
Processing Integration Results

RT: 0.69
Area: 350
Amount: 1.495826
Amount Units: ug/l



Manual Integration Results

RT: 0.74
Area: 260
Amount: 1.094902
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 11:56:24
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

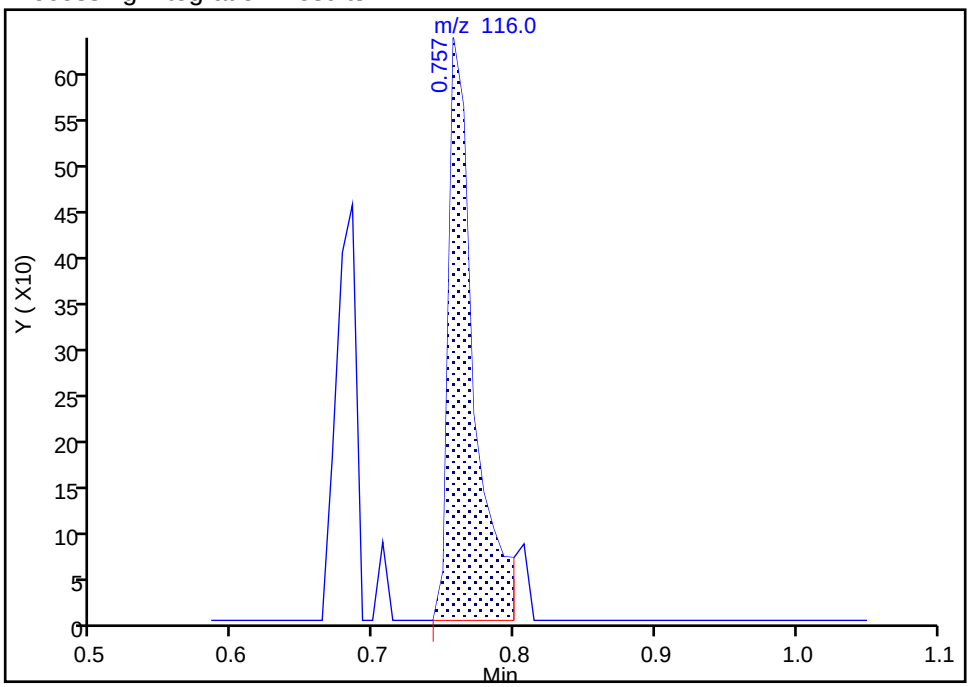
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

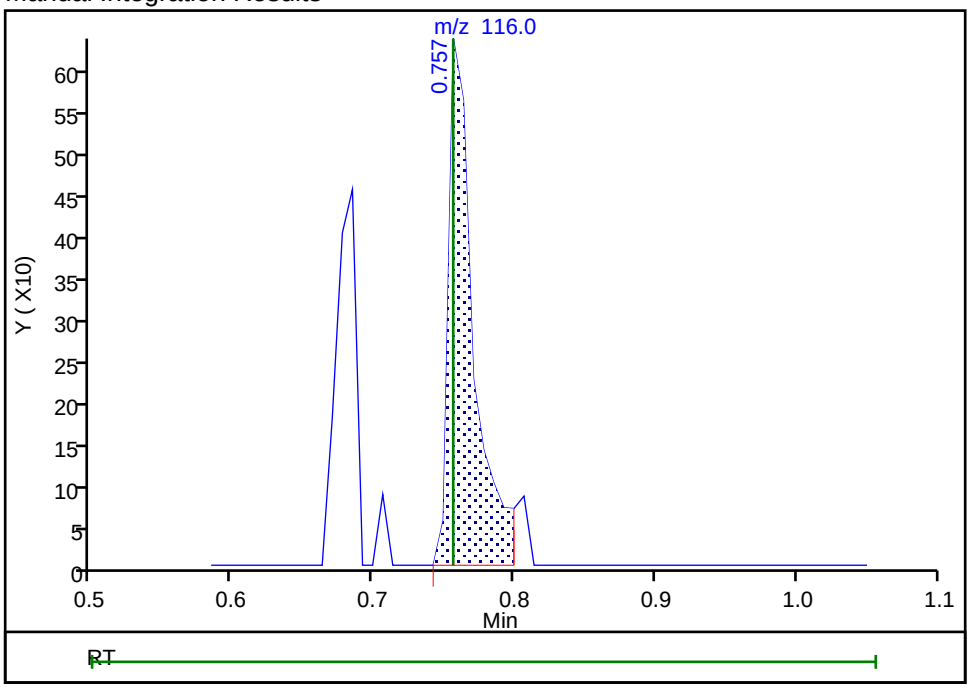
Processing Integration Results

RT: 0.76
Area: 792
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 792
Amount: 0.937050
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:47:15
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

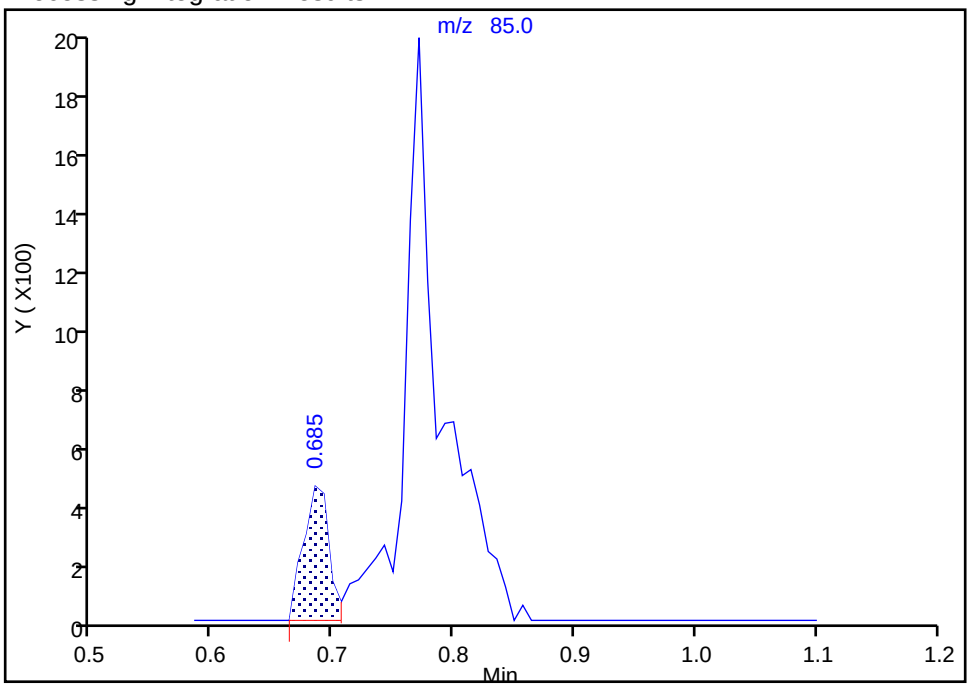
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

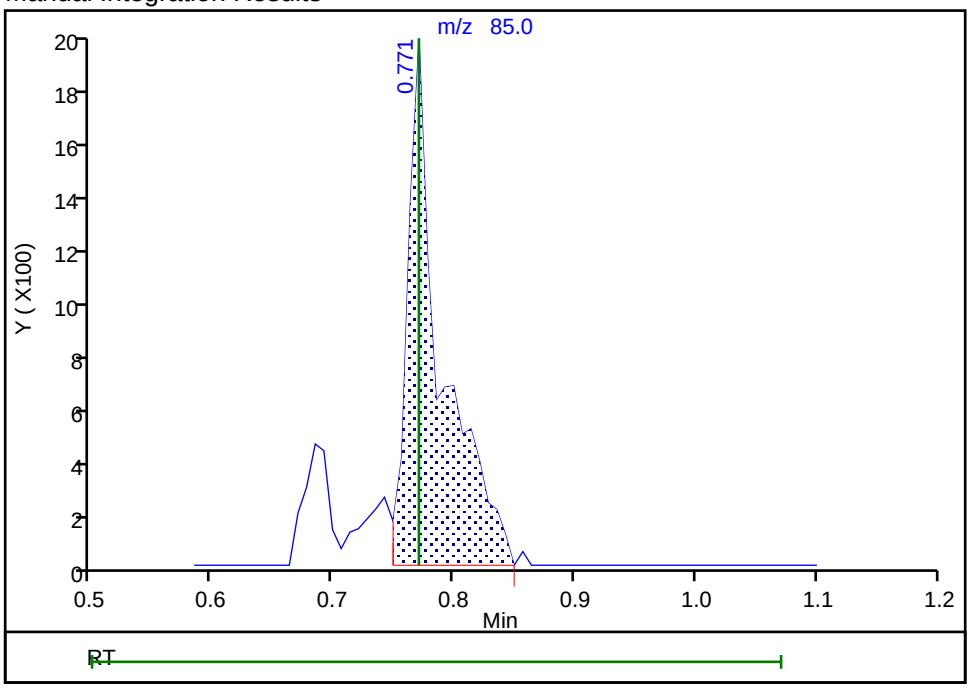
Processing Integration Results

RT: 0.68
Area: 658
Amount: 0.308765
Amount Units: ug/l



Manual Integration Results

RT: 0.77
Area: 3758
Amount: 1.035338
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:19:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

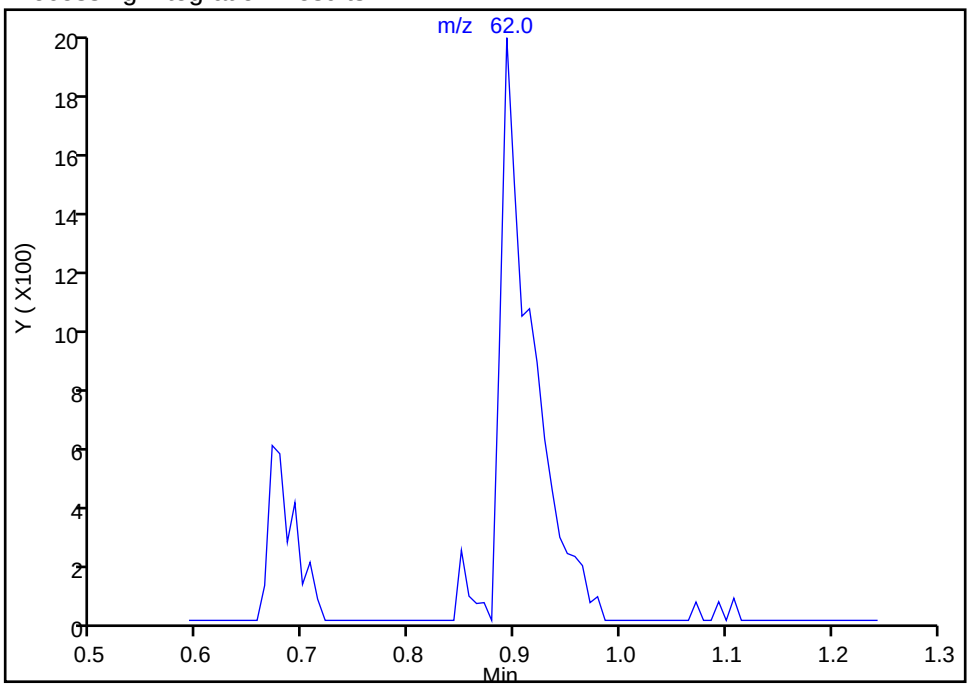
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

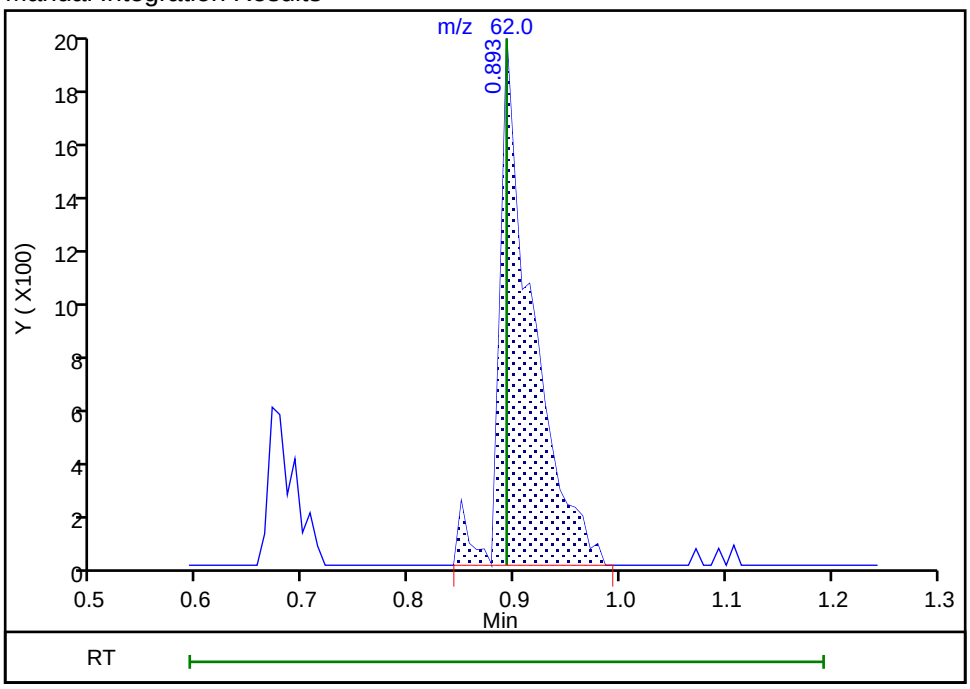
Not Detected
Expected RT: 0.89

Processing Integration Results



Manual Integration Results

RT: 0.89
Area: 4228
Amount: 1.138764
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:16:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

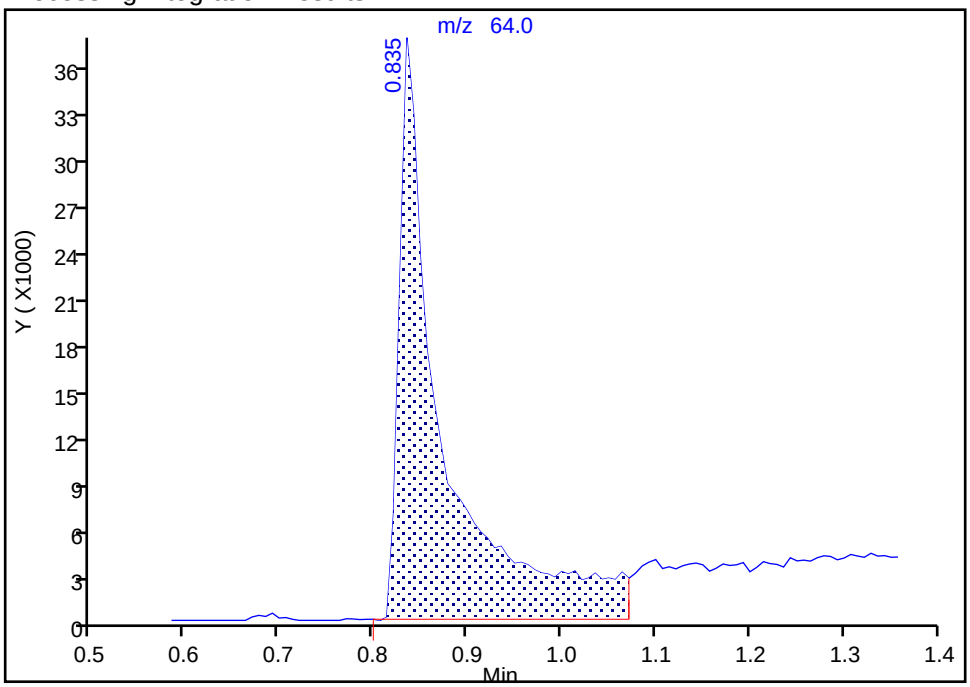
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

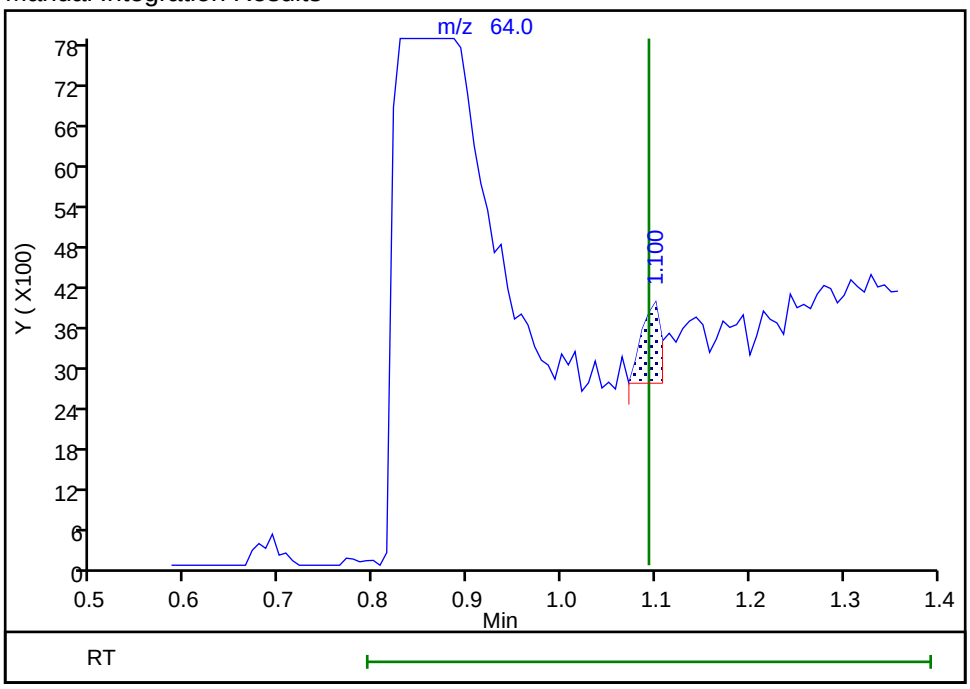
Processing Integration Results

RT: 0.84
Area: 120203
Amount: 0.236987
Amount Units: ug/l



Manual Integration Results

RT: 1.10
Area: 1728
Amount: 0.876002
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:47:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

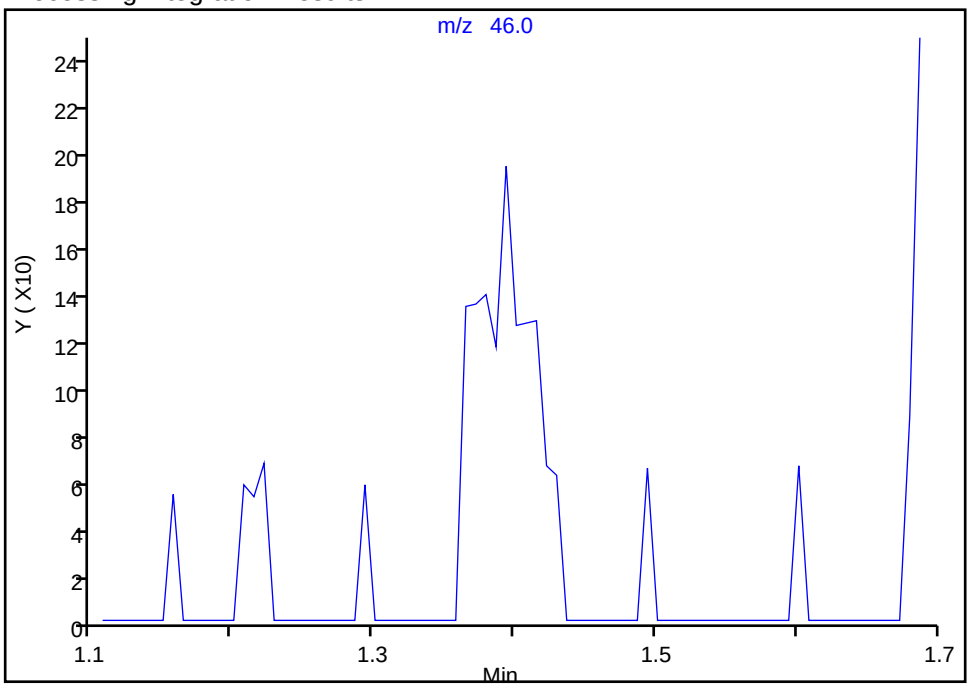
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

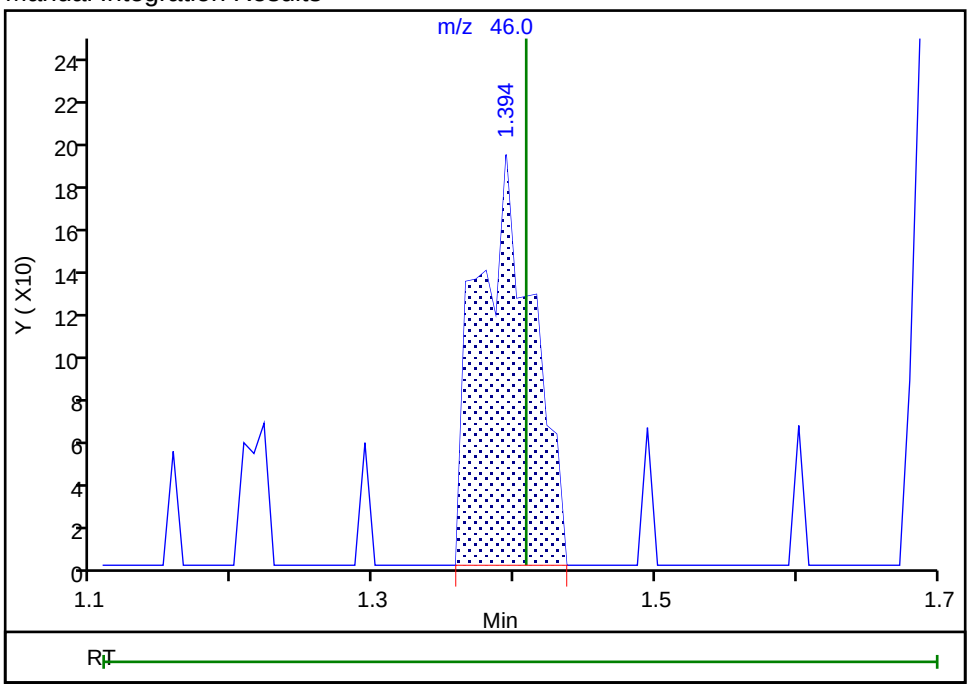
Not Detected
Expected RT: 1.41

Processing Integration Results



Manual Integration Results

RT: 1.39
Area: 520
Amount: 53.328039
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:20:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

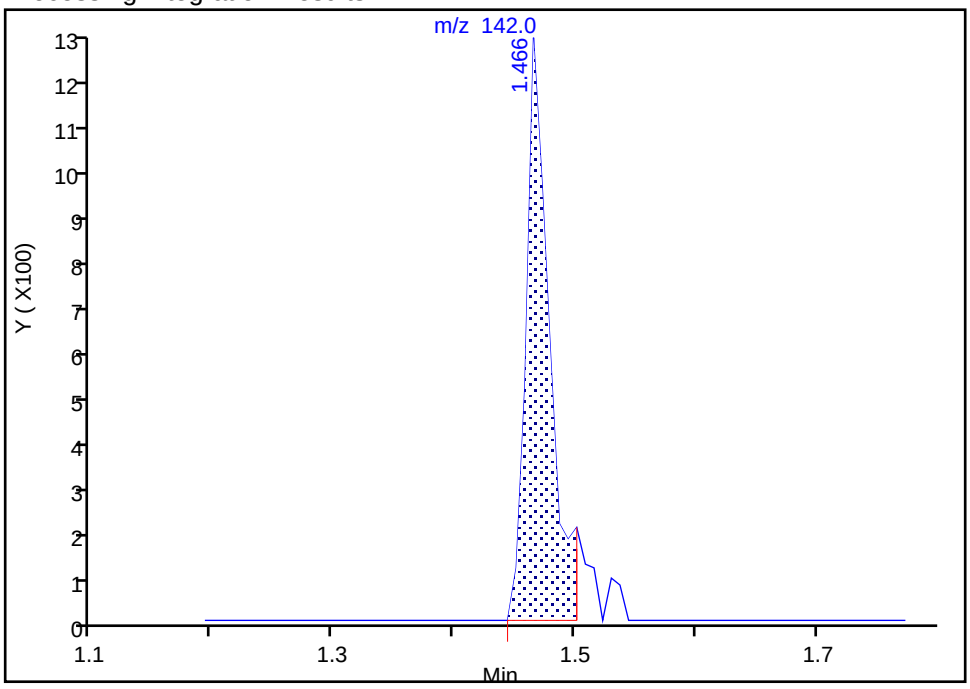
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

22 Iodomethane, CAS: 74-88-4

Signal: 1

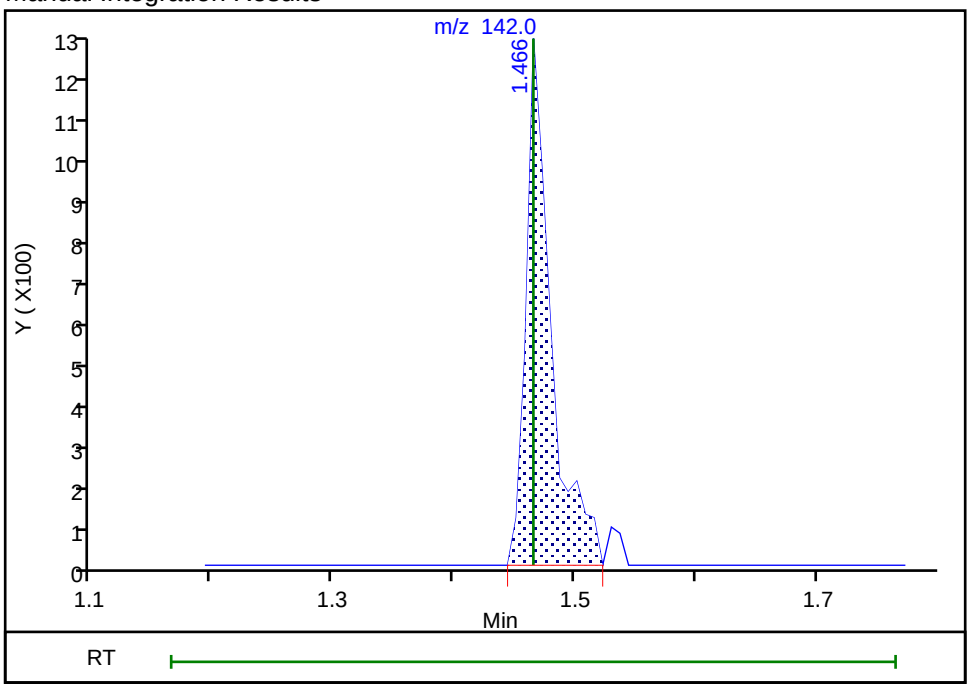
Processing Integration Results

RT: 1.47
Area: 1698
Amount: 0.442951
Amount Units: ug/l



Manual Integration Results

RT: 1.47
Area: 1799
Amount: 0.469297
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:24:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

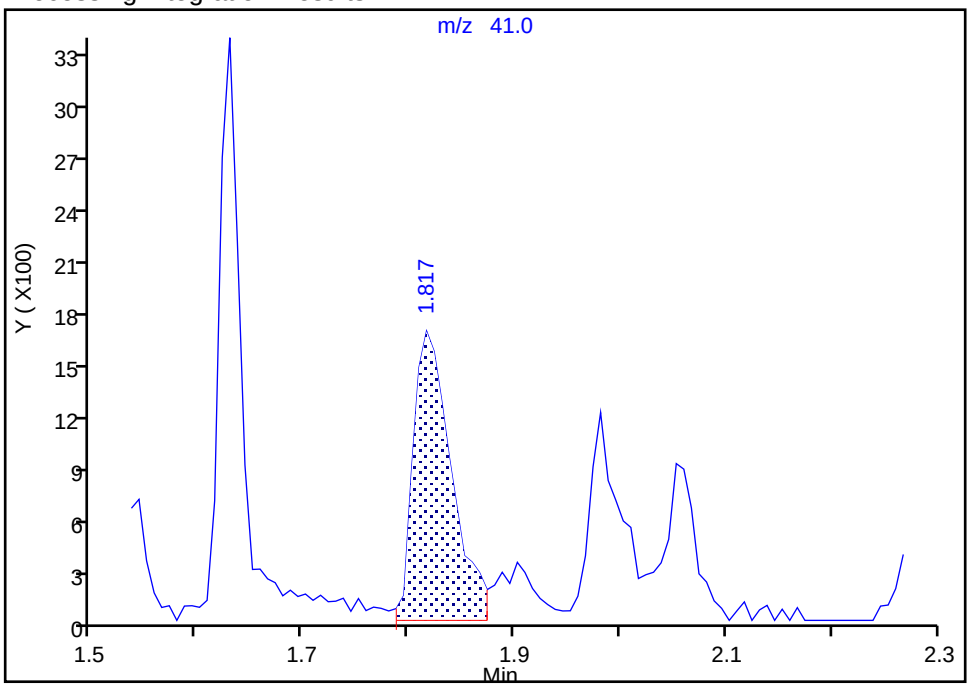
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Signal: 1

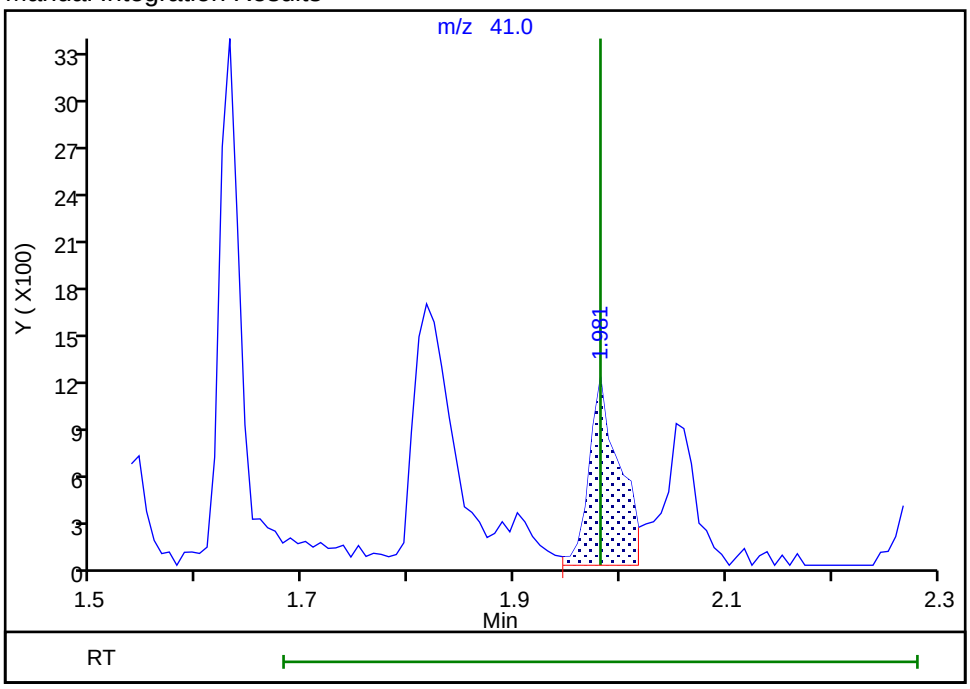
Processing Integration Results

RT: 1.82
Area: 4175
Amount: 9.993630
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 2375
Amount: 10.106438
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:47:41
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

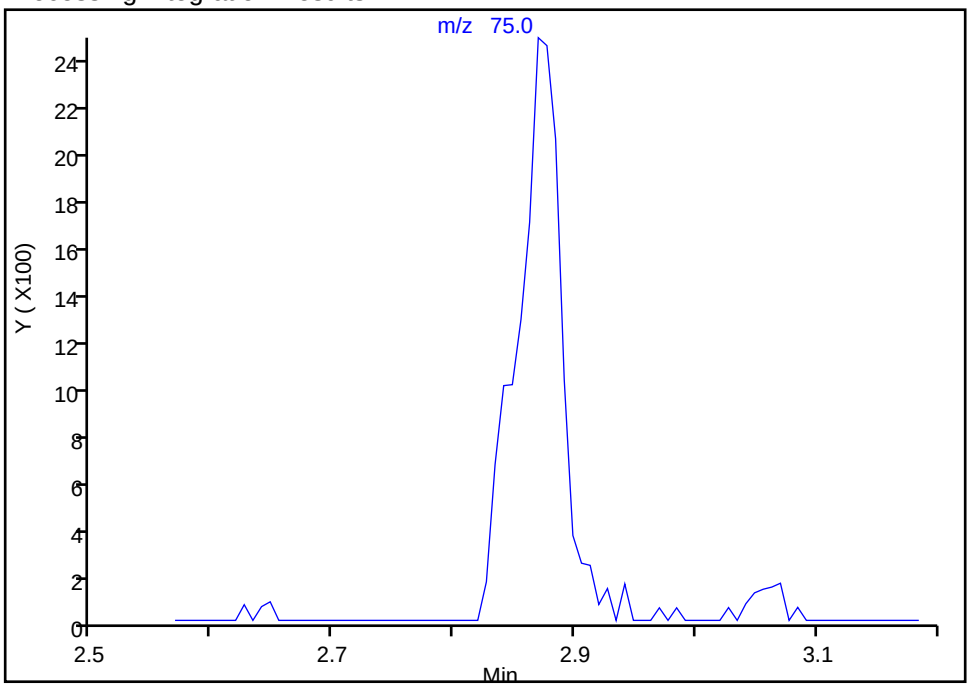
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

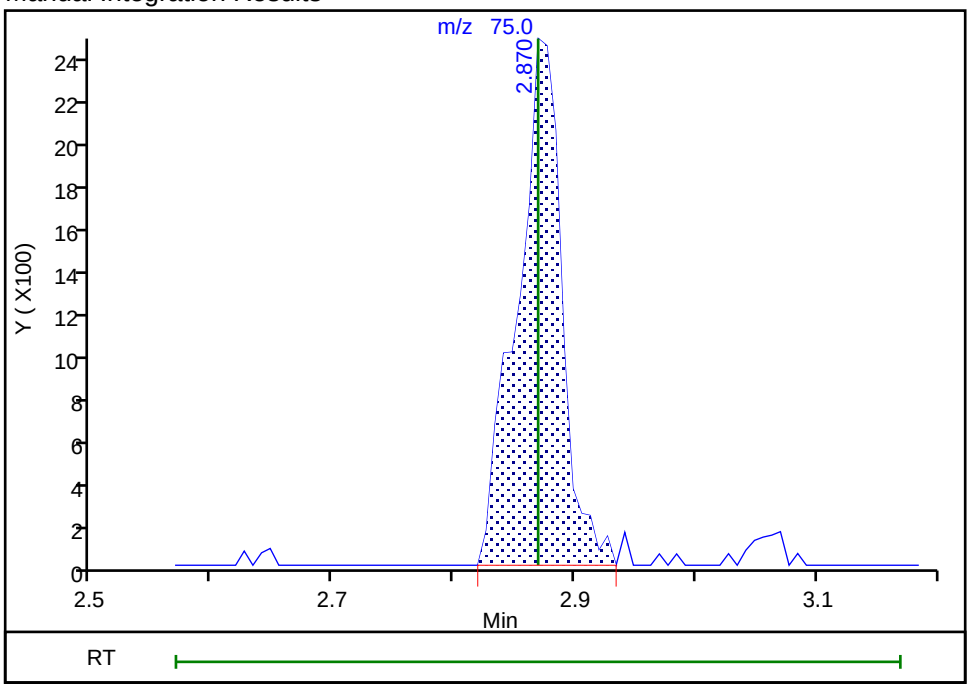
Not Detected
Expected RT: 2.87

Processing Integration Results



Manual Integration Results

RT: 2.87
Area: 6214
Amount: 1.546934
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:18:06
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

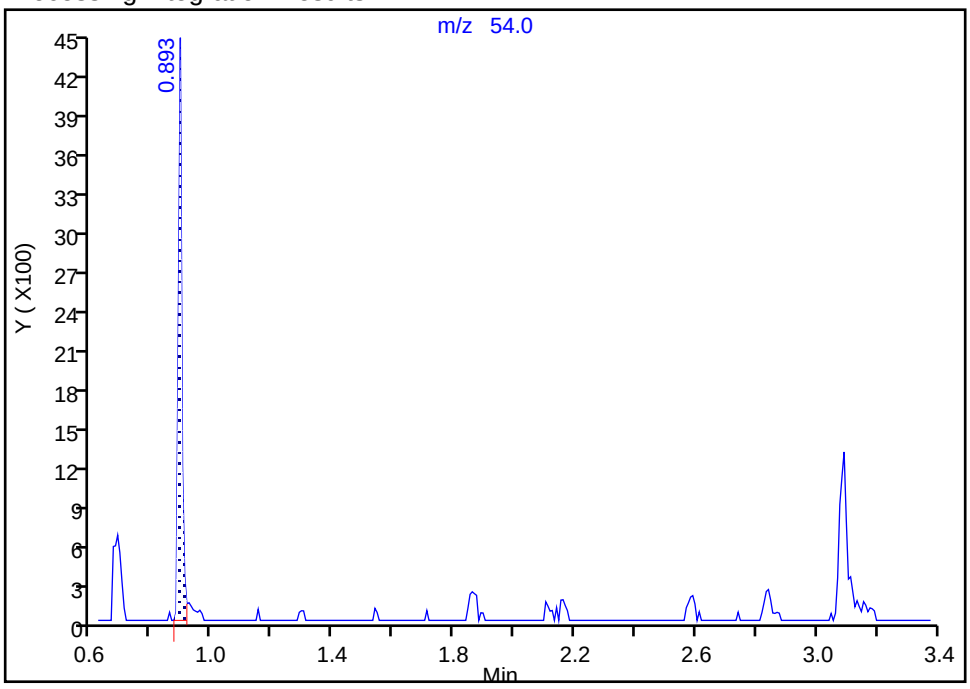
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Signal: 1

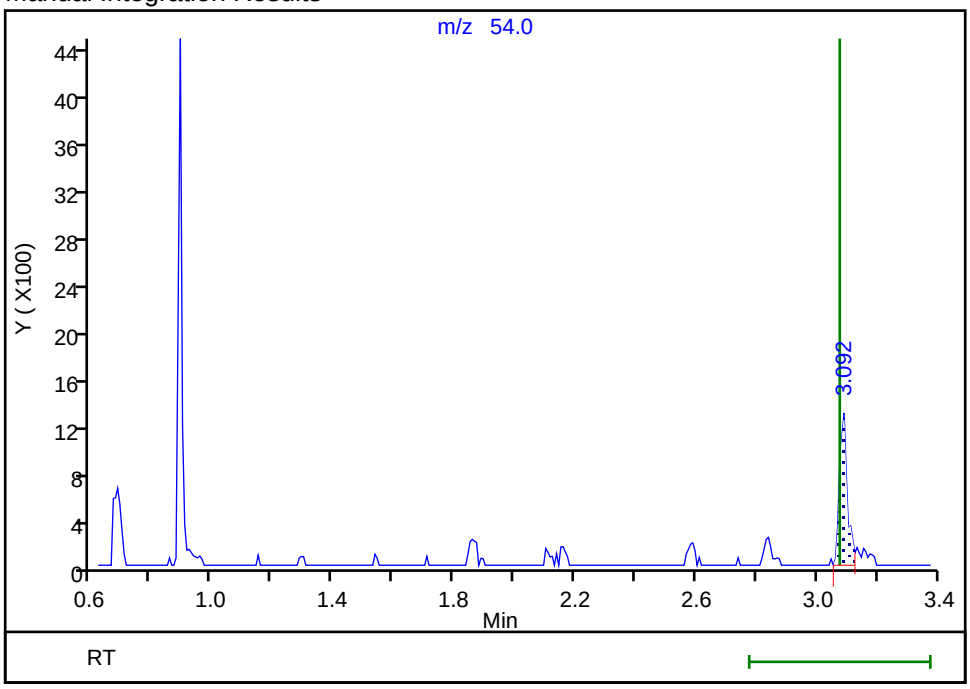
Processing Integration Results

RT: 0.89
Area: 3584
Amount: 13.553221
Amount Units: ug/l



Manual Integration Results

RT: 3.09
Area: 2300
Amount: 9.223009
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:07:09
Audit Action: Located Compound Audit Reason:

Eurofins TestAmerica, Edison

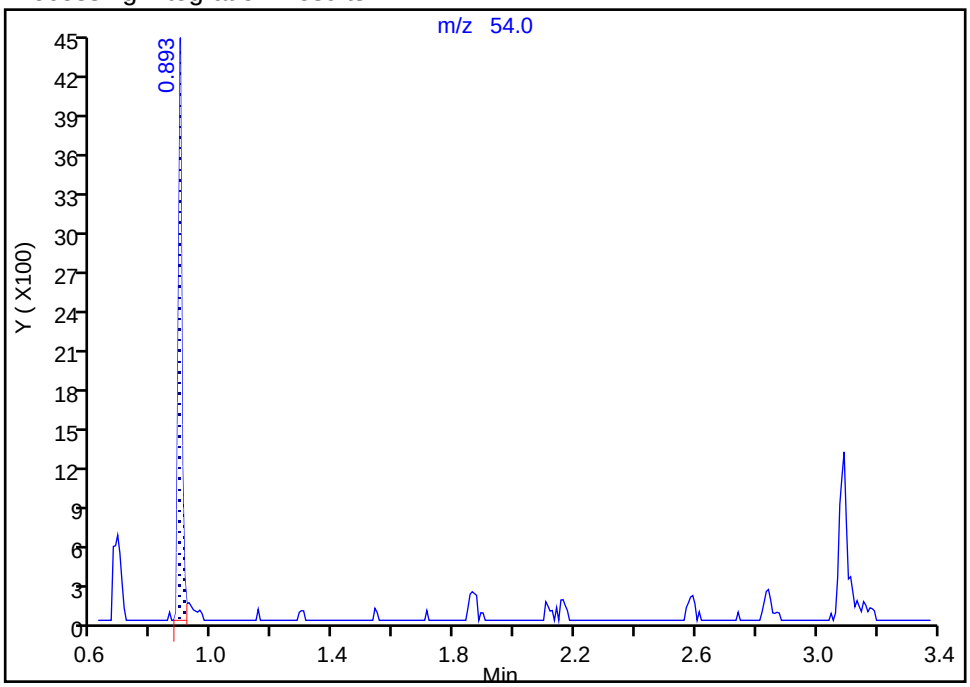
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

59 Propionitrile, CAS: 107-12-0

Signal: 1

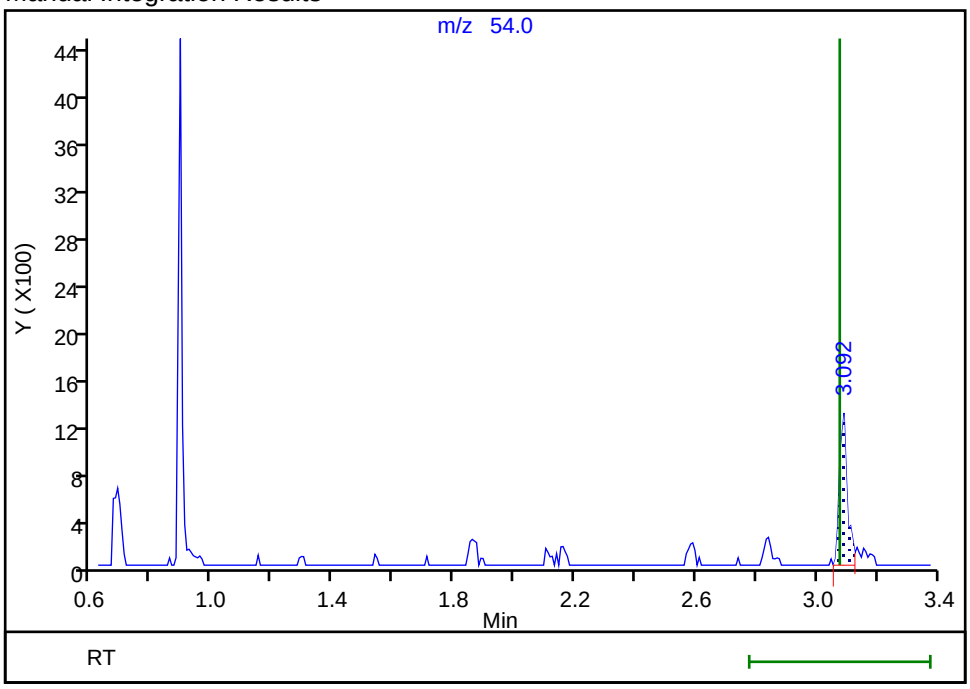
Processing Integration Results

RT: 0.89
Area: 3584
Amount: 13.553221
Amount Units: ug/l



Manual Integration Results

RT: 3.09
Area: 2300
Amount: 9.223009
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 11:57:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

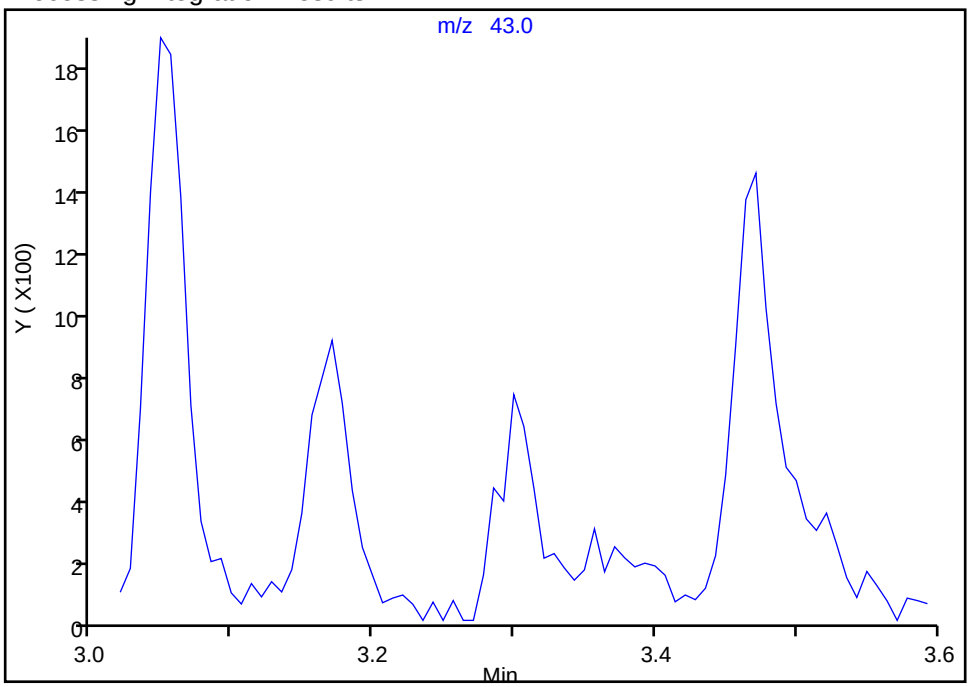
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

64 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

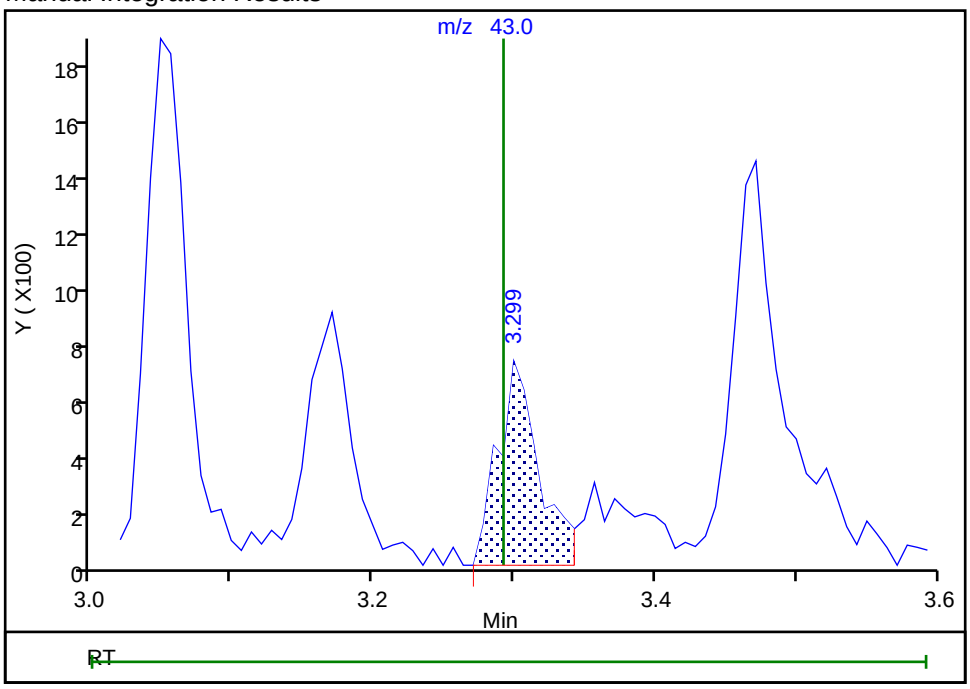
Not Detected
Expected RT: 3.29

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 1488
Amount: 23.679494
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:18:11
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

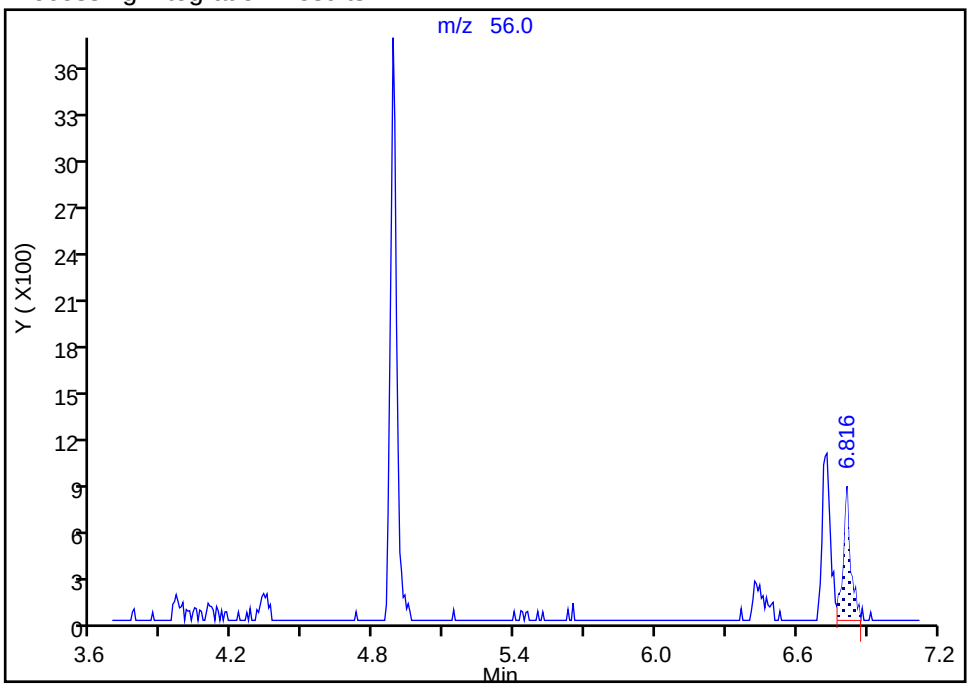
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

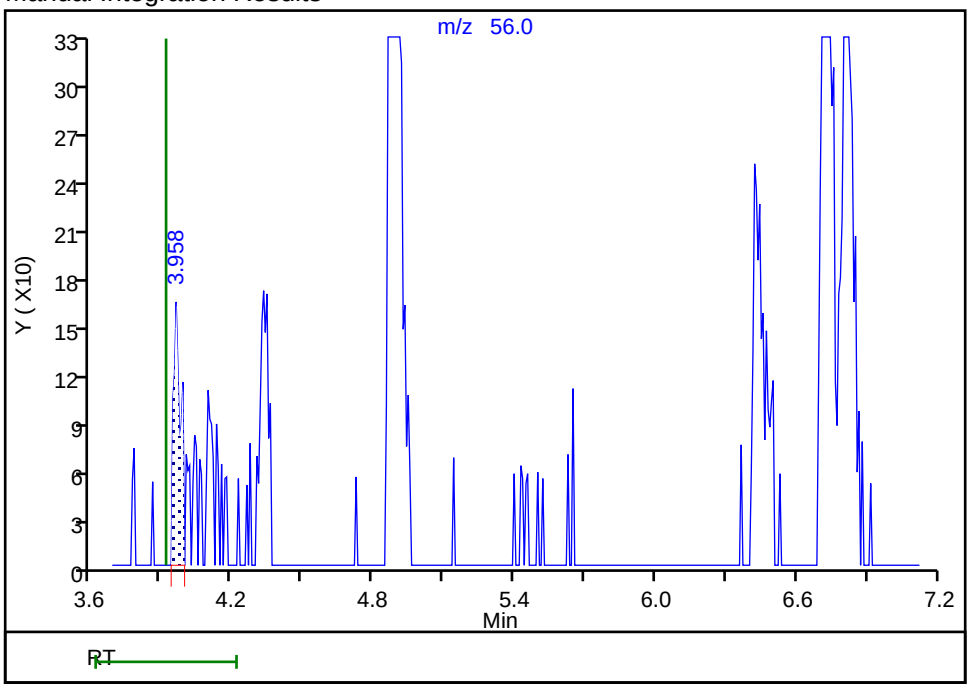
Processing Integration Results

RT: 6.82
Area: 1786
Amount: 46.291533
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 341
Amount: 8.843967
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:07:32
Audit Action: Located Compound Audit Reason:

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

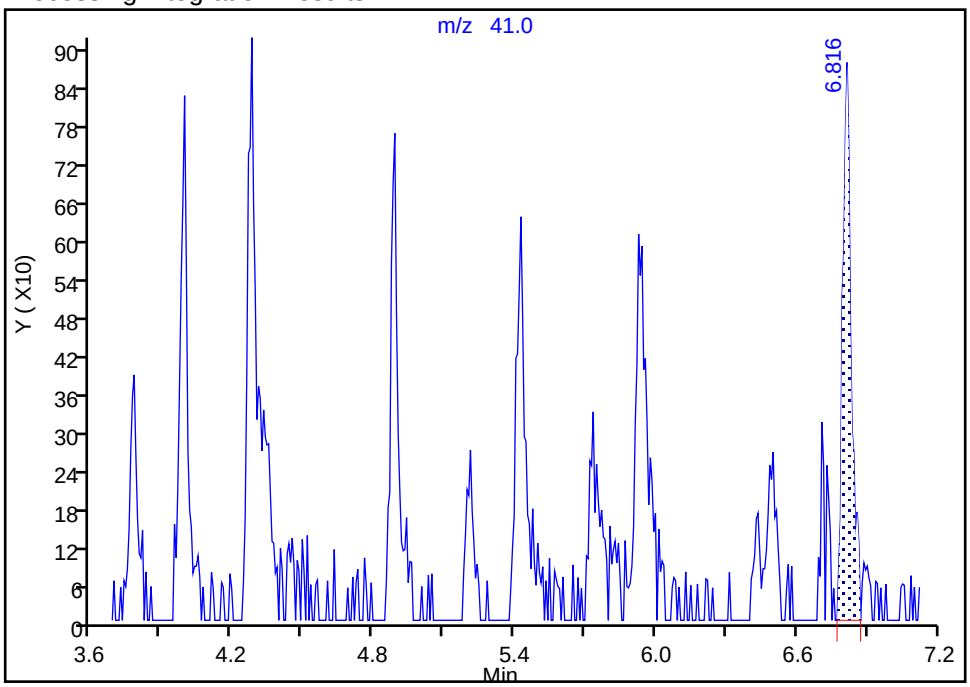
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 2

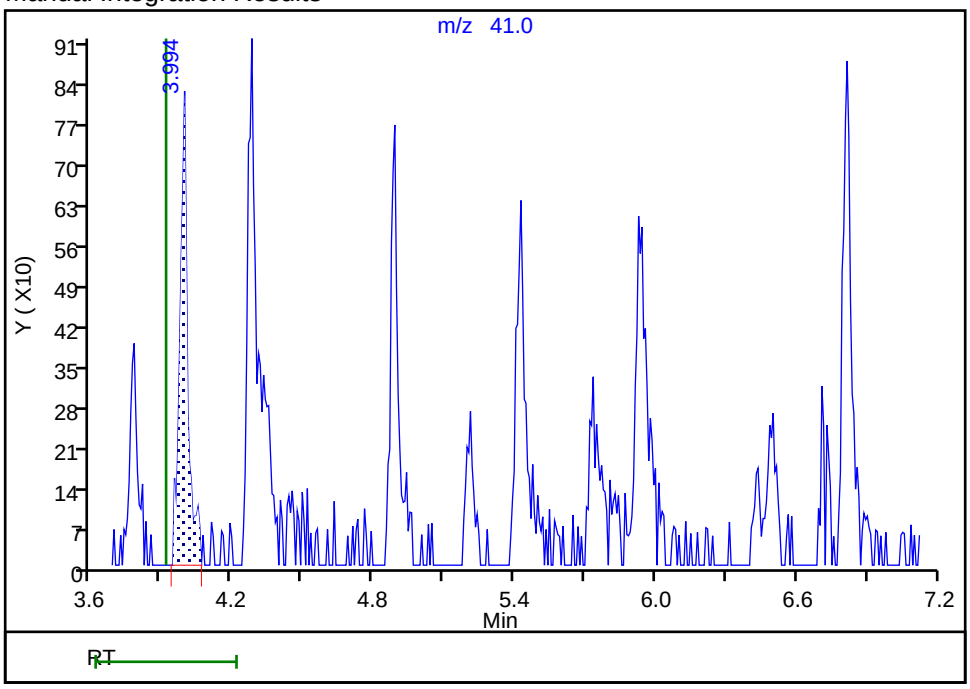
Processing Integration Results

RT: 6.82
Area: 2219
Amount: 46.291533
Amount Units: ug/l



Manual Integration Results

RT: 3.99
Area: 1900
Amount: 8.843967
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:22:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

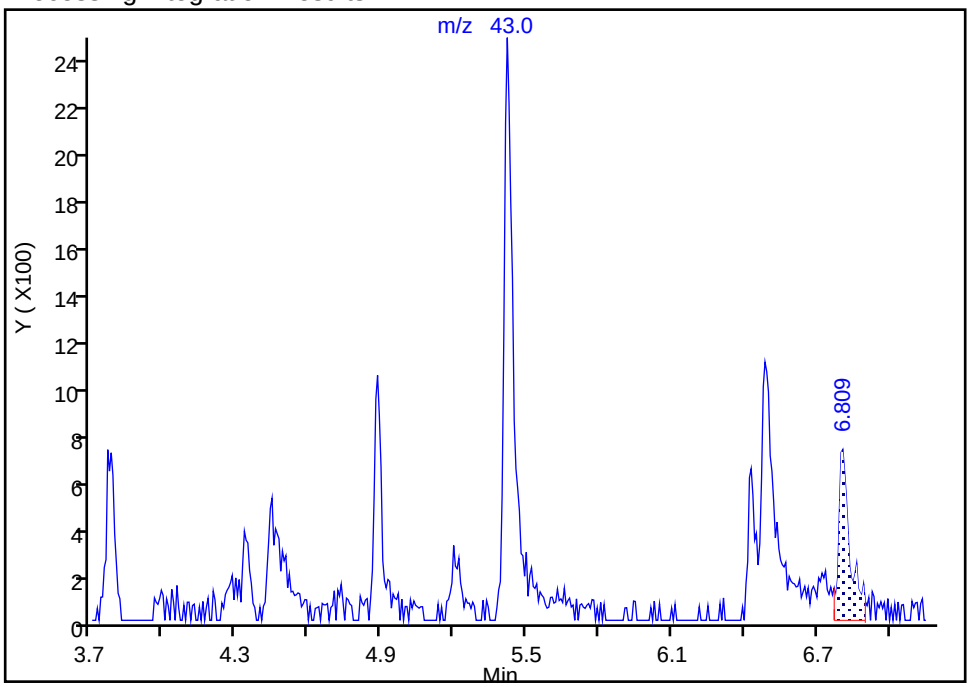
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 3

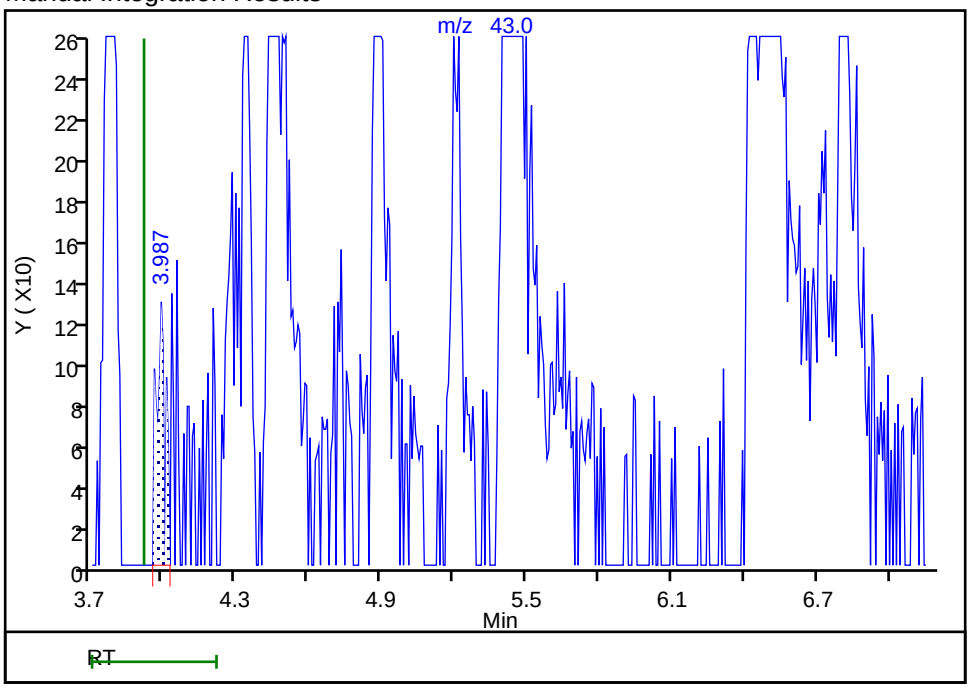
Processing Integration Results

RT: 6.81
Area: 2317
Amount: 46.291533
Amount Units: ug/l



Manual Integration Results

RT: 3.99
Area: 305
Amount: 8.843967
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:22:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

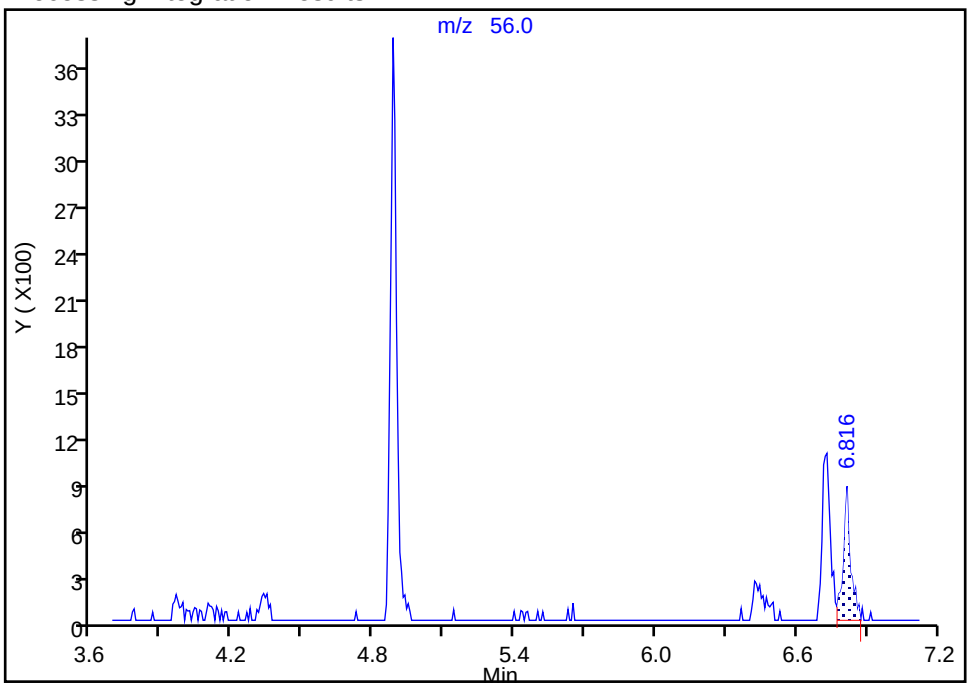
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

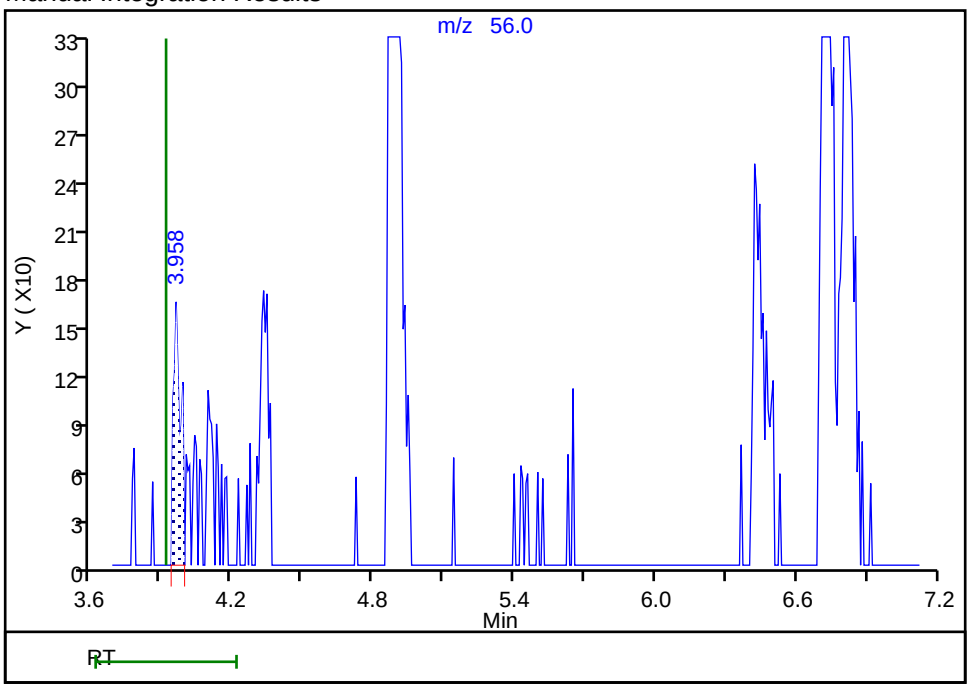
Processing Integration Results

RT: 6.82
Area: 1786
Amount: 46.291533
Amount Units: ug/l



Manual Integration Results

RT: 3.96
Area: 341
Amount: 8.843967
Amount Units: ug/l



Reviewer: baronm, 10-Sep-2020 10:29:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

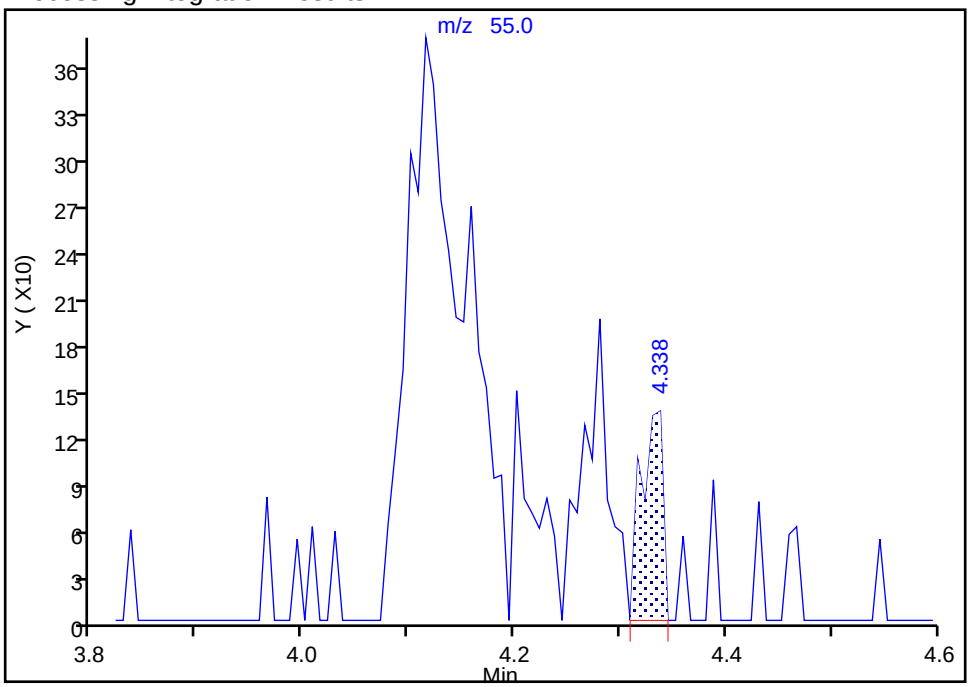
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Signal: 1

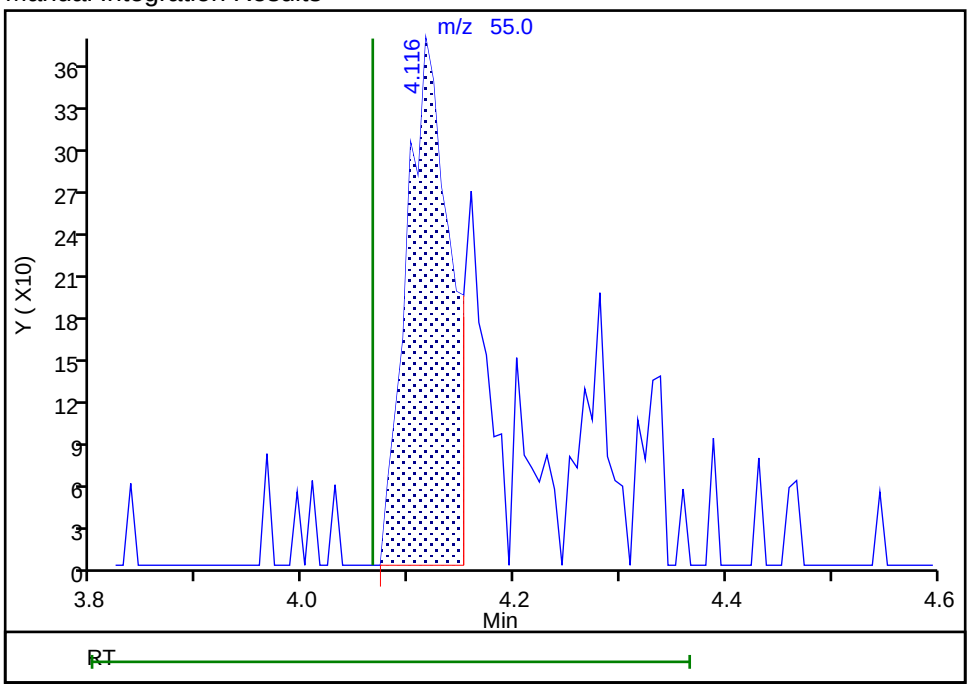
Processing Integration Results

RT: 4.34
Area: 190
Amount: 0.652791
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 1080
Amount: 1.020712
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:07:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

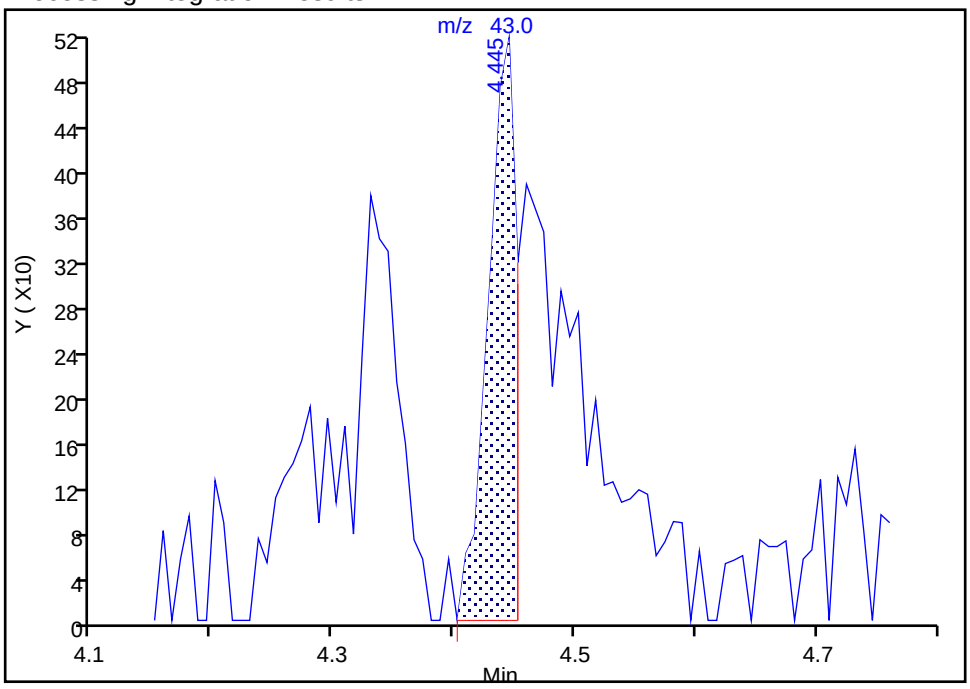
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

79 n-Propyl acetate, CAS: 109-60-4

Signal: 1

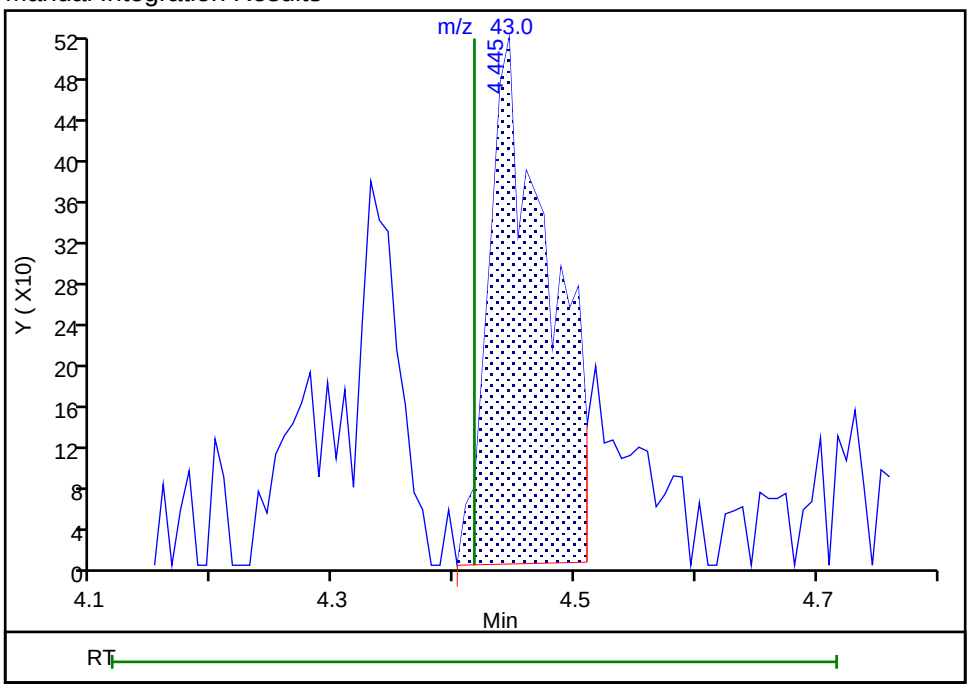
Processing Integration Results

RT: 4.45
Area: 843
Amount: 0.351508
Amount Units: ug/l



Manual Integration Results

RT: 4.45
Area: 1797
Amount: 0.820897
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 11:57:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

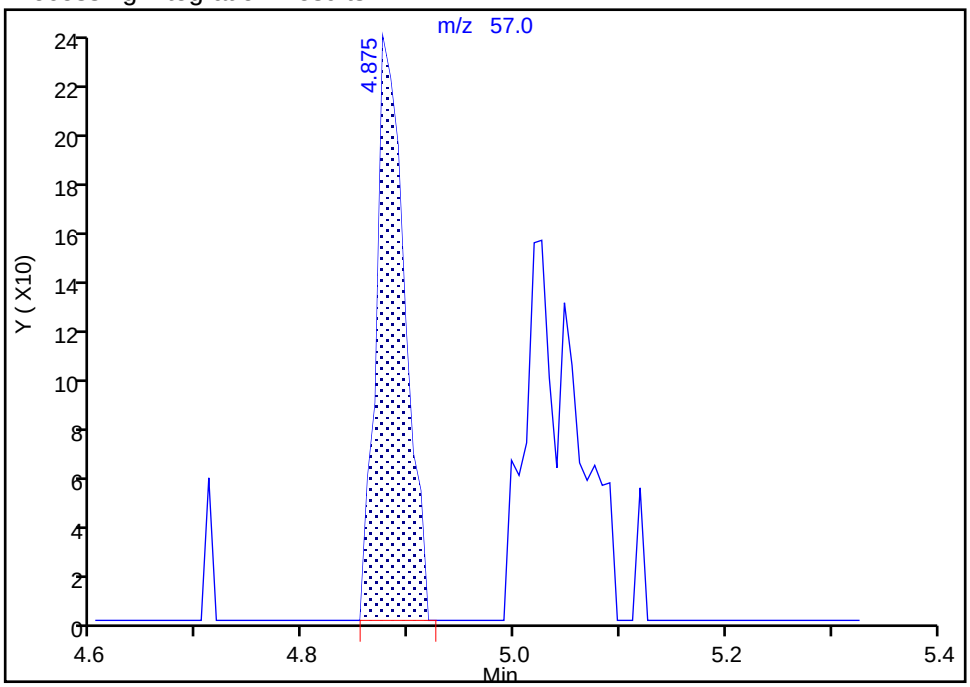
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

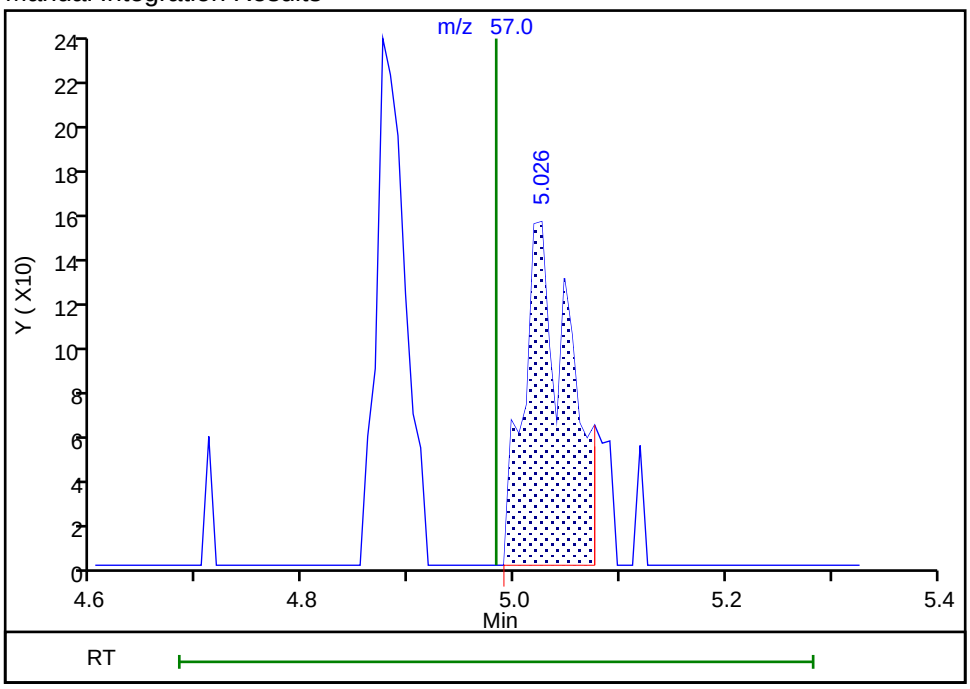
Processing Integration Results

RT: 4.88
Area: 440
Amount: 8.663925
Amount Units: ug/l



Manual Integration Results

RT: 5.03
Area: 457
Amount: 8.998456
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:14:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

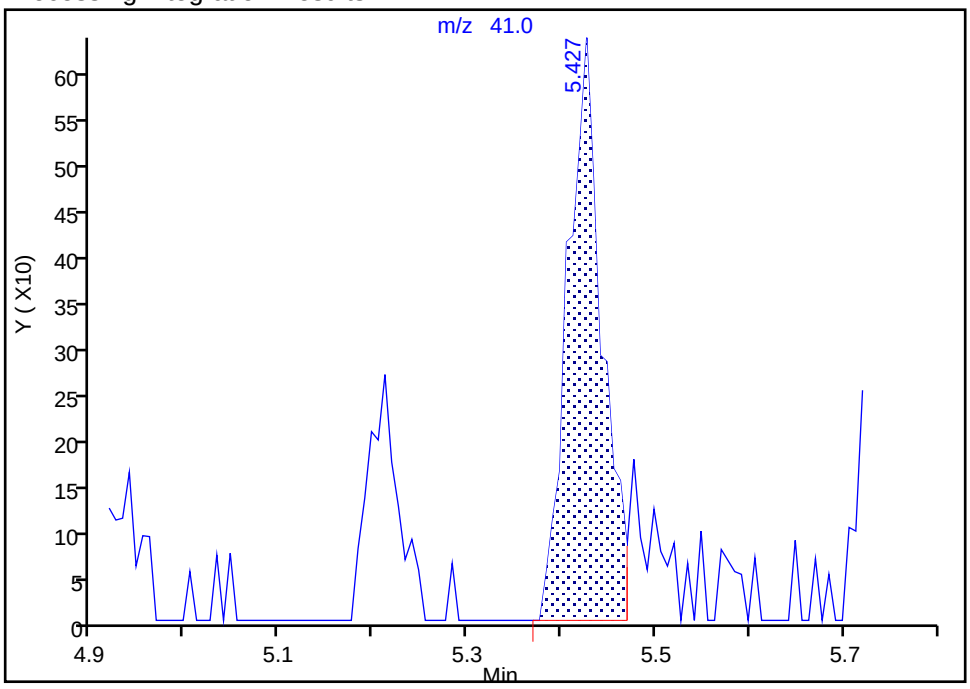
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

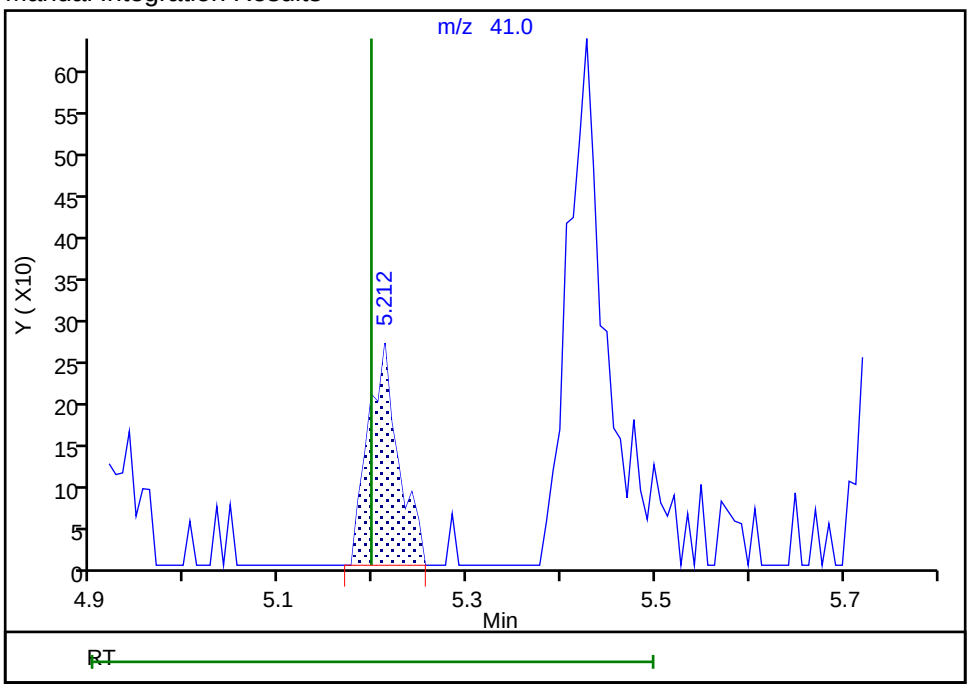
Processing Integration Results

RT: 5.43
Area: 1614
Amount: 5.851678
Amount Units: ug/l



Manual Integration Results

RT: 5.21
Area: 595
Amount: 2.059193
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:14:25
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

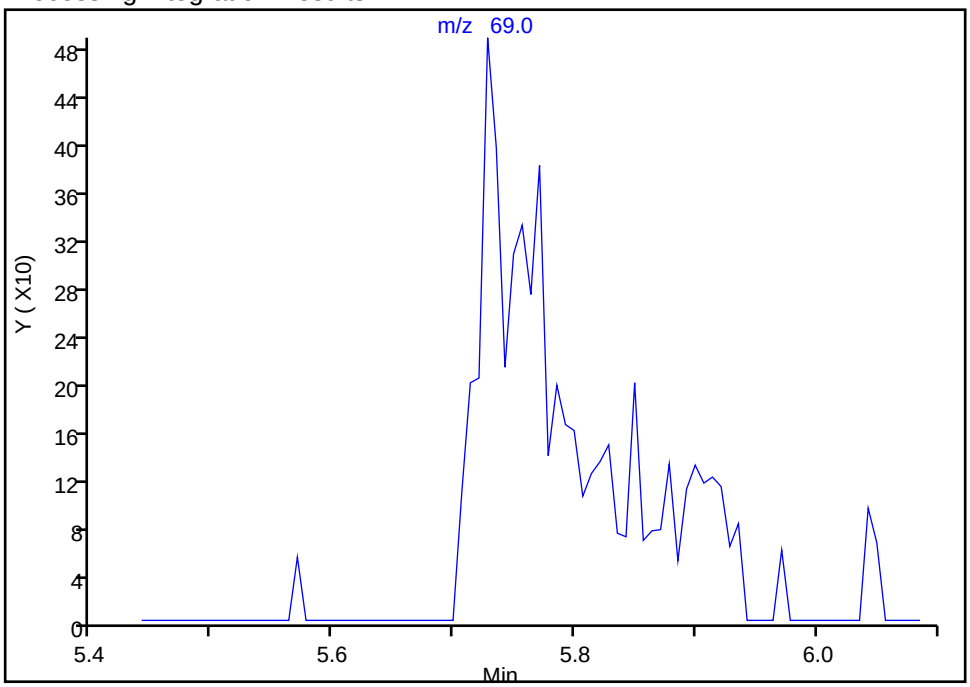
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

90 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

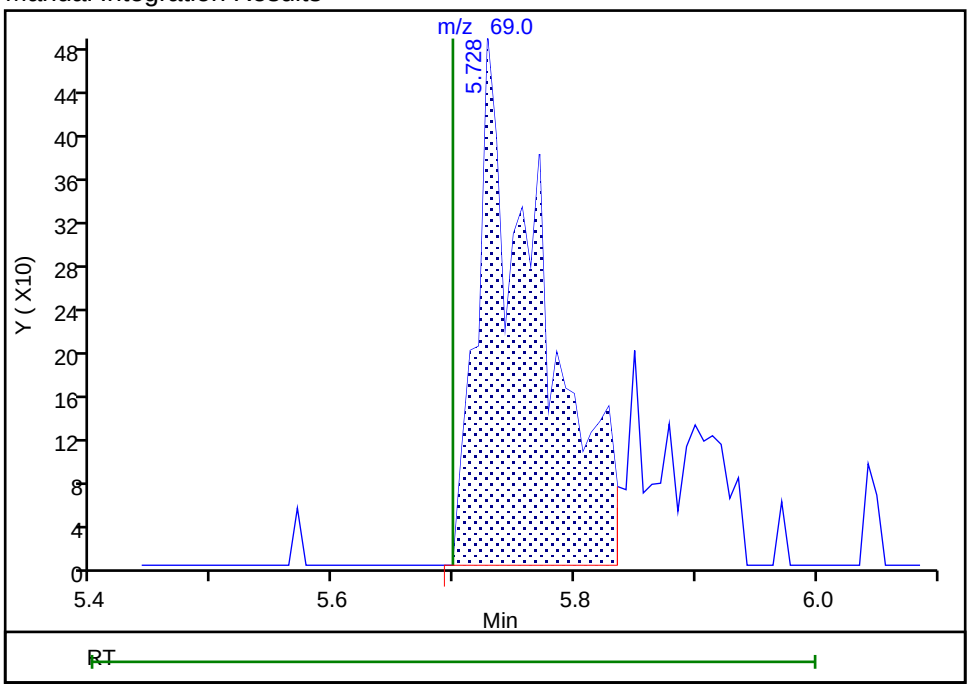
Not Detected
Expected RT: 5.70

Processing Integration Results



Manual Integration Results

RT: 5.73
Area: 1777
Amount: 0.777182
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:48:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

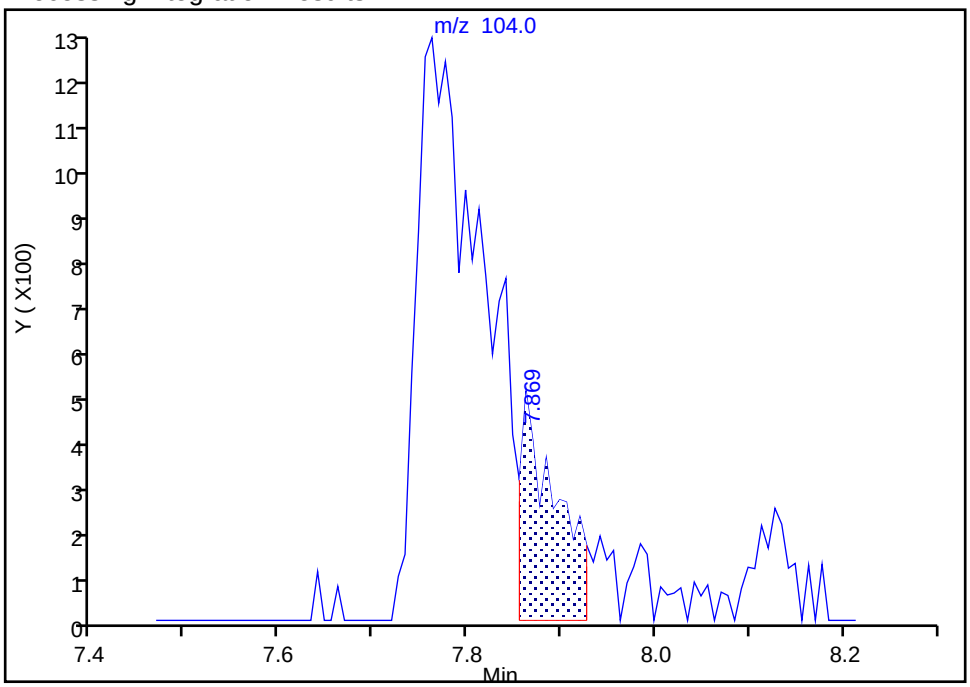
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

103 Styrene, CAS: 100-42-5

Signal: 1

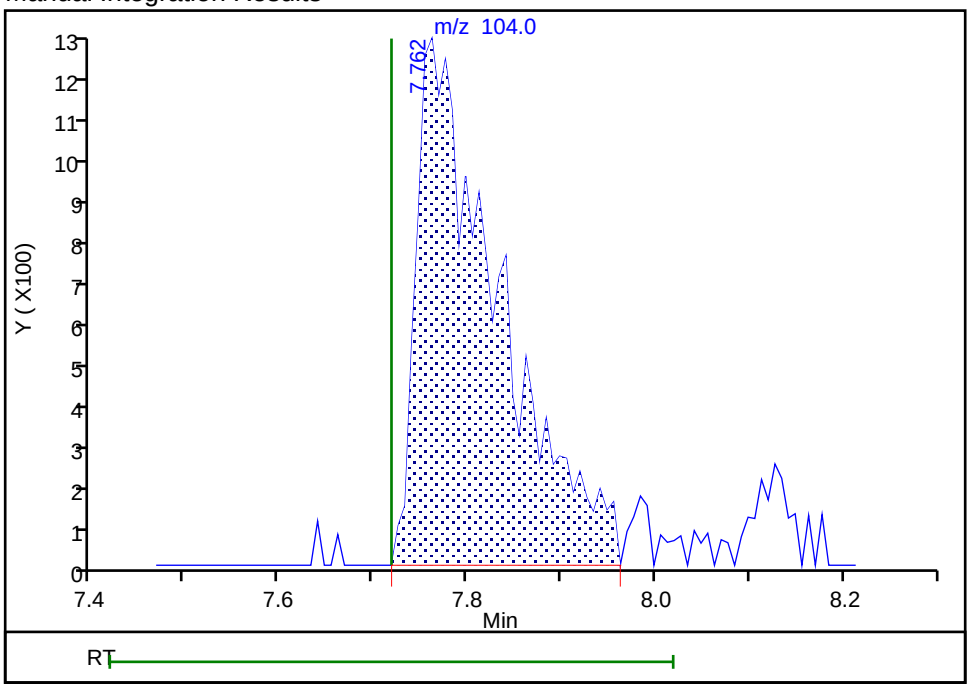
Processing Integration Results

RT: 7.87
Area: 1283
Amount: 0.193461
Amount Units: ug/l



Manual Integration Results

RT: 7.76
Area: 7343
Amount: 0.923415
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:09:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

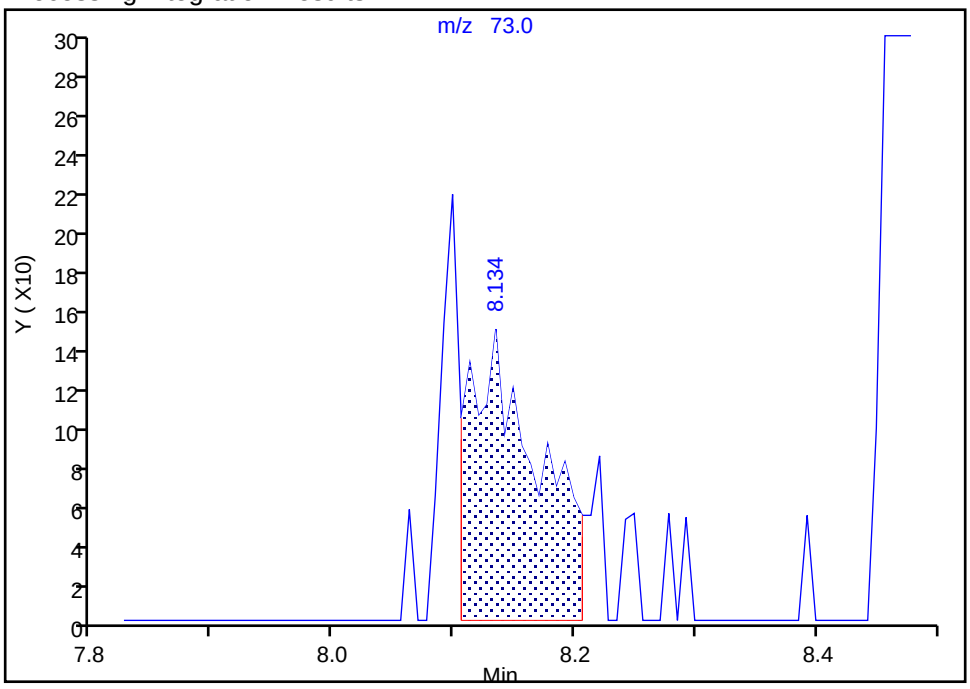
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

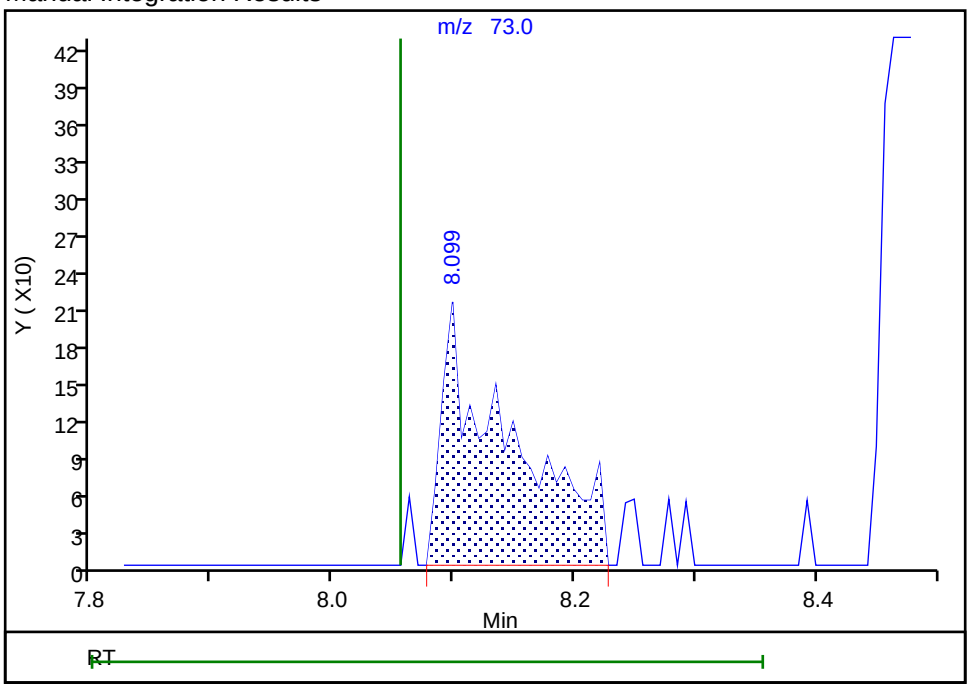
Processing Integration Results

RT: 8.13
Area: 593
Amount: 0.397969
Amount Units: ug/l



Manual Integration Results

RT: 8.10
Area: 835
Amount: 1.013673
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:22:57
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

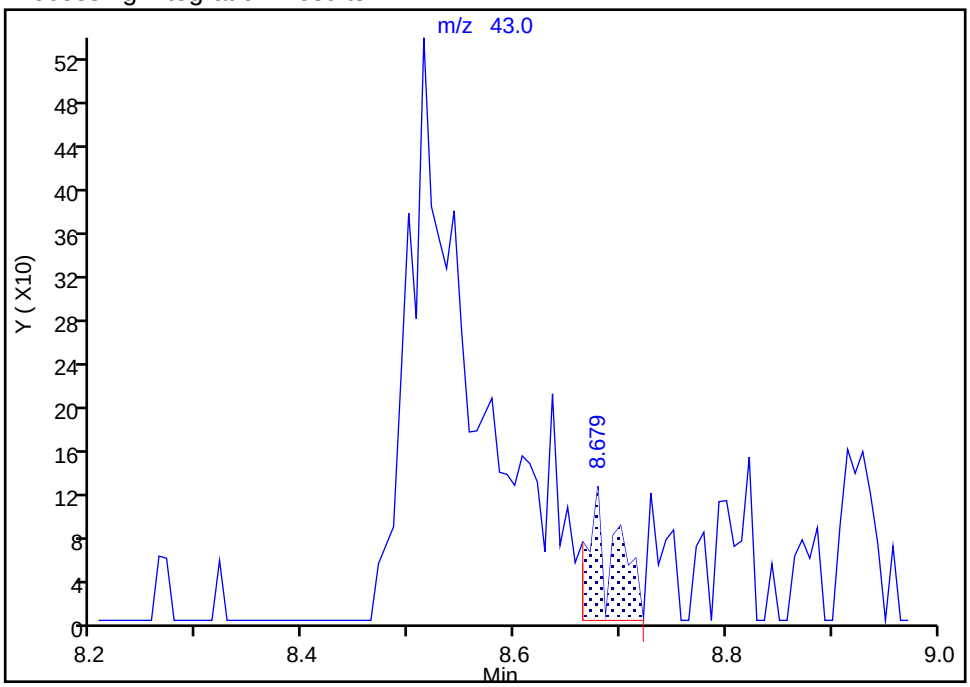
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

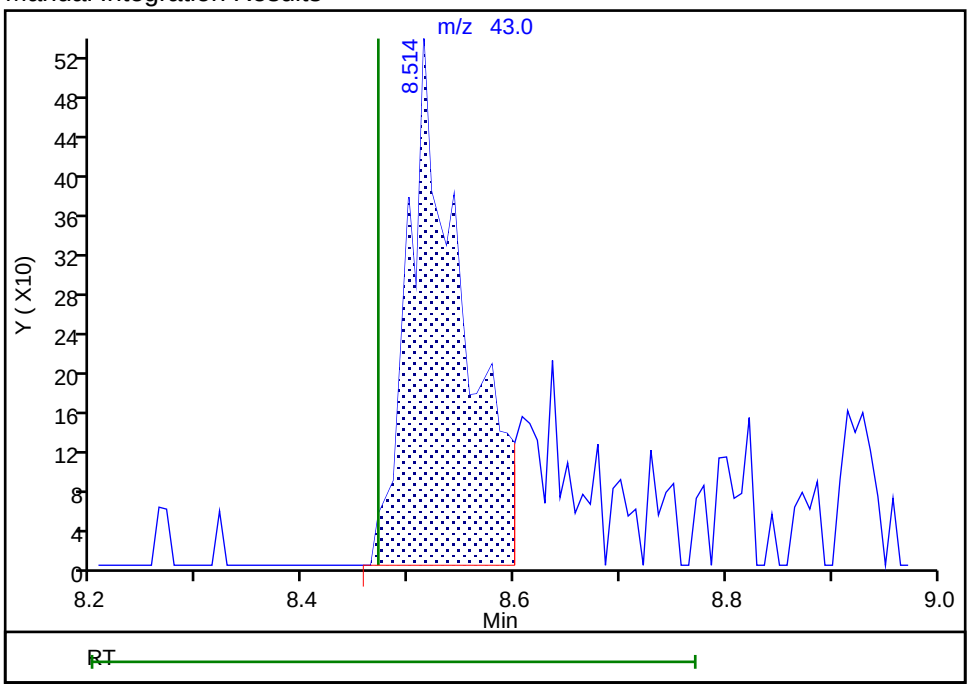
Processing Integration Results

RT: 8.68
Area: 227
Amount: 0.434639
Amount Units: ug/l



Manual Integration Results

RT: 8.51
Area: 1912
Amount: 1.025273
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:09:42
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

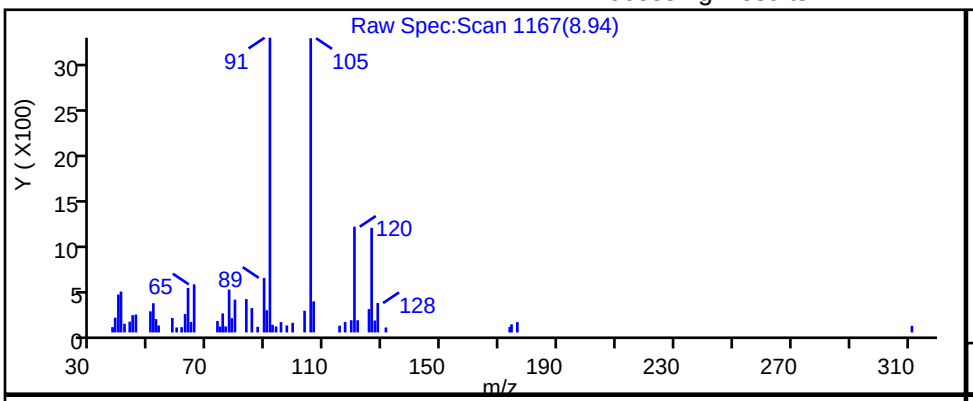
User Disabled Compound Report

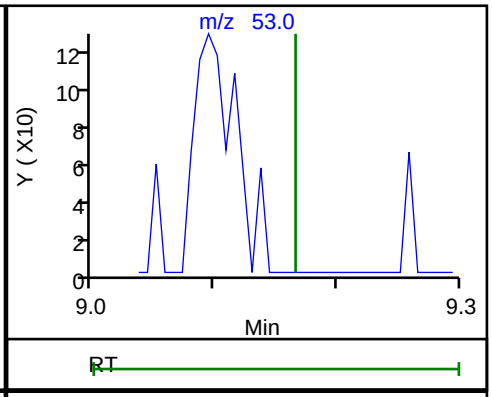
Eurofins TestAmerica, Edison

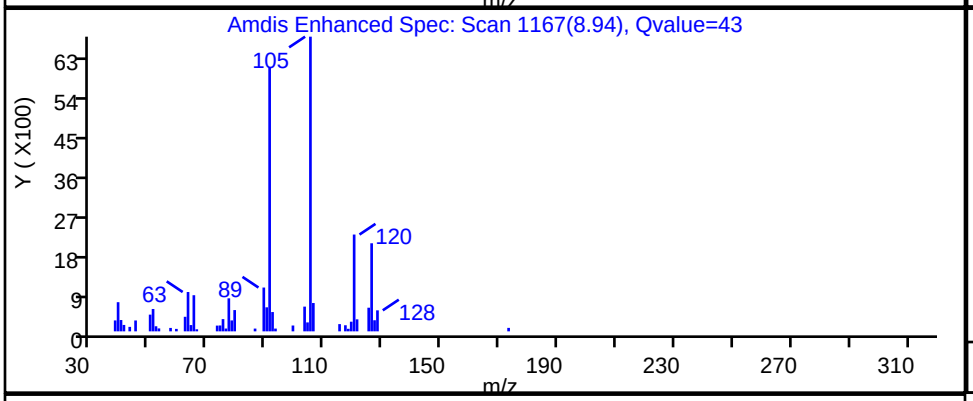
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79354.D
Injection Date: 04-Sep-2020 14:57:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

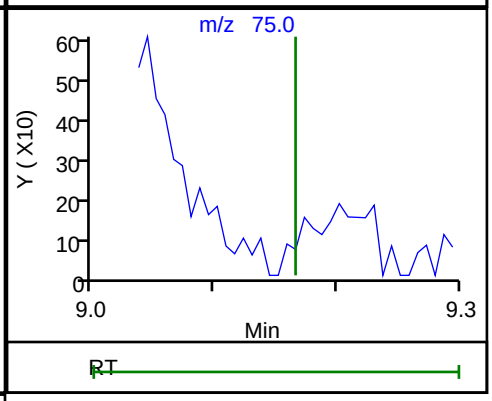
115 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

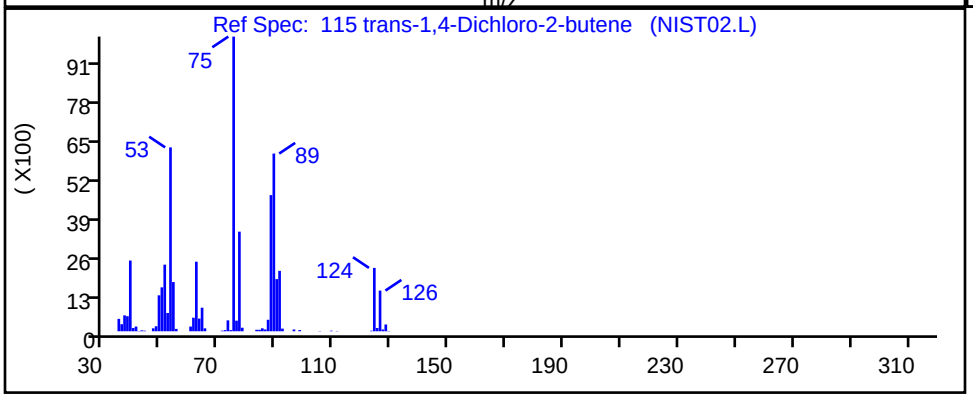
Processing Results











RT	Mass	Response	Amount
8.94	53.00	82	0.244940
8.92	75.00	759	

Reviewer: baronm, 05-Sep-2020 12:07:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 04-Sep-2020 15:21:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0116303-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:38:13 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: starzecm Date: 04-Sep-2020 14:46:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.728	0.721	0.007	68	1081	5.00	4.47	
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	85	3587	5.00	4.16	a
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	17078	5.00	4.62	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	89	8287	5.00	4.73	
5 Chlorodifluoromethane	67	0.821	0.814	0.007	95	2413	5.00	4.76	a
6 Chloromethane	50	0.893	0.892	0.001	68	25436	5.00	4.92	
8 Butadiene	54	0.893	0.892	0.001	91	15246	5.00	4.43	
7 Vinyl chloride	62	0.893	0.892	0.001	56	17466	5.00	4.62	a
9 Bromomethane	94	1.036	1.036	0.000	99	6734	5.00	4.48	
10 Chloroethane	64	1.093	1.093	0.000	98	11587	5.00	5.76	Ma
11 Pentane	72	1.150	1.150	0.000	97	4966	10.0	10.1	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	56	15241	5.00	4.41	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	23079	5.00	4.97	
14 2-Methyl-1,3-butadiene	67	1.294	1.286	0.008	96	18393	5.00	4.63	
15 Ethyl ether	59	1.294	1.294	0.000	98	9337	5.00	5.04	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	93	17228	5.00	4.78	
17 1,1-Dichloroethene	96	1.394	1.387	0.007	98	11646	5.00	4.71	
16 Ethanol	46	1.380	1.408	-0.028	32	1713	200.0	180.4	a
19 Carbon disulfide	76	1.408	1.408	0.000	99	46527	5.00	4.82	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.415	1.408	0.007	89	11574	5.00	4.79	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.415	1.415	0.000	95	17523	5.00	4.68	a
22 Iodomethane	142	1.466	1.466	0.000	97	10285	5.00	2.63	
23 Cyclopentene	67	1.537	1.537	0.000	96	31435	5.00	4.59	
24 Acrolein	56	1.559	1.559	0.000	93	3211	20.0	14.4	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	7562	5.00	4.79	
26 Isopropyl alcohol	45	1.659	1.659	0.000	96	4566	50.0	49.4	
27 Methylene Chloride	84	1.695	1.695	0.000	92	15063	5.00	5.06	
28 Acetone	43	1.716	1.716	0.000	88	11181	25.0	23.2	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	13885	5.00	4.91	
30 Methyl acetate	43	1.788	1.781	0.007	98	11836	10.0	10.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	91	2899	5.00	4.25	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	84	28926	5.00	5.01	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	114474	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	100	7009	50.0	56.0	
35 Acetonitrile	41	1.981	1.981	0.000	99	12143	50.0	53.1	a
36 Isopropyl ether	45	2.053	2.053	0.000	97	44353	5.00	4.90	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	88	12452	5.00	4.81	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	26065	5.00	4.97	
39 Acrylonitrile	53	2.153	2.153	0.000	94	34857	50.0	51.3	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	35847	5.00	4.81	
41 Vinyl acetate	43	2.289	2.282	0.007	100	41944	10.0	10.4	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	96	15638	5.00	5.00	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	97	17330	5.00	4.88	
44 Cyclohexane	56	2.590	2.583	0.007	91	24852	5.00	4.73	
45 Chlorobromomethane	128	2.590	2.590	0.000	90	6839	5.00	5.01	
46 Chloroform	83	2.648	2.647	0.001	98	22972	5.00	4.89	
47 Carbon tetrachloride	117	2.733	2.733	0.000	97	12442	5.00	4.49	
48 Ethyl acetate	70	2.748	2.748	0.000	99	1821	10.0	9.57	
49 Methyl acrylate	55	2.755	2.748	0.007	76	6855	5.00	4.63	
50 Tetrahydrofuran	42	2.762	2.755	0.007	95	6772	10.0	10.2	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	119812	50.0	50.7	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	98	17778	5.00	4.71	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	146821	250.0	250.0	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	96	21330	5.00	5.21	a
54 2-Butanone (MEK)	72	2.870	2.869	0.001	90	5452	25.0	25.4	
56 Isooctane	57	2.956	2.955	0.001	99	39210	5.00	4.73	
57 n-Heptane	57	3.049	3.049	0.000	94	9455	5.00	4.65	
58 Benzene	78	3.056	3.056	0.000	96	58103	5.00	4.84	
59 Propionitrile	54	3.077	3.077	0.000	93	11490	50.0	47.3	
60 Methacrylonitrile	67	3.099	3.092	0.007	92	38315	50.0	50.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	119732	50.0	50.5	
62 Tert-amyl methyl ether	73	3.170	3.163	0.007	98	30230	5.00	4.87	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	15916	5.00	5.19	
64 Isobutyl alcohol	43	3.292	3.292	0.000	94	7071	125.0	115.5	
65 t-Amyl alcohol	59	3.357	3.357	0.000	87	4530	50.0	45.6	a
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	548804	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.457	0.007	98	17689	5.00	5.08	
68 Methylcyclohexane	83	3.507	3.507	0.000	96	21835	5.00	4.51	
69 Trichloroethene	130	3.536	3.536	0.000	98	13926	5.00	4.70	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	28737	5.00	4.70	
71 Dibromomethane	93	3.901	3.894	0.007	96	6905	5.00	5.23	
72 n-Butanol	56	3.930	3.915	0.015	69	3568	125.0	94.9	a
73 1,2-Dichloropropane	63	3.987	3.980	0.007	92	14565	5.00	4.91	
75 Dichlorobromomethane	83	4.066	4.066	0.000	98	15658	5.00	4.81	
74 Ethyl acrylate	55	4.080	4.066	0.014	98	8046	5.00	4.45	M
* 76 1,4-Dioxane-d8	96	4.245	4.238	0.007	66	15504	1000.0	1000.0	
77 Methyl methacrylate	100	4.274	4.259	0.015	92	3972	10.0	8.99	
78 1,4-Dioxane	88	4.274	4.273	0.001	35	1785	100.0	99.8	
79 n-Propyl acetate	43	4.424	4.417	0.007	98	9882	5.00	4.43	
80 2-Chloroethyl vinyl ether	63	4.696	4.675	0.021	33	1592	5.01	2.84	
81 cis-1,3-Dichloropropene	75	4.703	4.696	0.007	93	17150	5.00	4.36	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	499494	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.940	4.940	0.000	93	59660	5.00	4.89	
84 Epichlorohydrin	57	4.997	4.983	0.014	91	2440	100.0	48.5	
85 2-Nitropropane	41	5.190	5.197	-0.007	97	2558	10.0	8.69	a
86 Tetrachloroethene	166	5.362	5.362	0.000	97	13625	5.00	4.74	
87 4-Methyl-2-pentanone (MIBK)	43	5.412	5.405	0.007	97	37833	25.0	24.9	
88 trans-1,3-Dichloropropene	75	5.448	5.441	0.007	93	13917	5.00	4.45	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	95	7946	5.00	4.77	
90 Ethyl methacrylate	69	5.713	5.699	0.014	90	10862	5.00	4.66	
91 Chlorodibromomethane	129	5.806	5.799	0.007	98	9794	5.00	4.56	
92 1,3-Dichloropropane	76	5.928	5.914	0.014	93	17208	5.00	4.97	
93 Ethylene Dibromide	107	6.057	6.050	0.007	99	7636	5.00	4.27	
94 n-Butyl acetate	43	6.408	6.401	0.007	98	9910	5.00	4.61	
95 2-Hexanone	43	6.465	6.458	0.007	94	23919	25.0	23.5	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	384707	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	94	38391	5.00	5.02	
98 Ethylbenzene	106	6.838	6.831	0.007	98	21119	5.00	4.93	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	94	11192	5.00	4.73	
100 m-Xylene & p-Xylene	106	7.053	7.046	0.007	0	25007	5.00	4.98	
101 o-Xylene	106	7.633	7.626	0.007	94	24870	5.00	4.89	
102 Bromoform	173	7.705	7.690	0.015	95	5800	5.00	4.78	
103 Styrene	104	7.726	7.719	0.007	95	37835	5.00	4.65	
104 n-Butyl acrylate	73	8.070	8.056	0.014	98	5873	5.00	4.64	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	64696	5.00	4.91	
106 Amyl acetate (mixed isomers)	43	8.478	8.471	0.007	39	12401	5.00	4.31	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	92	159019	50.0	51.1	
108 Bromobenzene	156	8.593	8.586	0.007	99	16184	5.00	5.05	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	76993	5.00	4.80	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	10928	5.00	4.91	
111 2-Chlorotoluene	91	8.915	8.908	0.007	97	51336	5.00	4.64	
112 4-Ethyltoluene	105	8.937	8.929	0.008	98	62764	5.00	4.71	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	97	3042	5.00	5.17	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	54335	5.00	4.89	
115 trans-1,4-Dichloro-2-butene	53	9.209	9.166	0.043	39	1211	5.00	2.85	a
116 4-Chlorotoluene	91	9.187	9.173	0.014	97	48163	5.00	4.96	
117 tert-Butylbenzene	119	9.553	9.545	0.008	95	45475	5.00	4.73	
118 1,2,4-Trimethylbenzene	105	9.689	9.682	0.007	98	54807	5.00	4.78	
119 Butyl Methacrylate	87	9.703	9.696	0.007	94	13195	5.00	4.58	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	70498	5.00	4.83	
121 1,3-Dichlorobenzene	146	10.104	10.097	0.007	97	30024	5.00	4.74	
122 4-Isopropyltoluene	119	10.119	10.118	0.001	98	56813	5.00	4.61	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	216898	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.255	10.247	0.008	96	33274	5.00	4.99	
125 1,2,3-Trimethylbenzene	105	10.362	10.355	0.007	98	56856	5.00	4.89	
126 2,3-Dihydroindene	117	10.534	10.527	0.007	93	54276	5.00	4.81	
127 Benzyl chloride	126	10.735	10.713	0.022	76	2533	5.00	4.22	
128 p-Diethylbenzene	119	10.735	10.727	0.008	90	28516	5.00	4.59	
129 n-Butylbenzene	91	10.821	10.813	0.008	99	53640	5.00	4.78	
130 1,2-Dichlorobenzene	146	10.928	10.921	0.007	96	27923	5.00	4.82	
131 1,2,4,5-Tetramethylbenzene	119	11.931	11.924	0.007	97	50087	5.00	4.63	
132 1,2-Dibromo-3-Chloropropane	157	12.081	12.074	0.007	92	1659	5.00	4.48	
133 1,3,5-Trichlorobenzene	180	12.131	12.124	0.007	97	22827	5.00	4.97	
134 1,2,4-Trichlorobenzene	180	12.826	12.819	0.007	94	18563	5.00	4.81	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.841	12.840	0.000	97	8036	5.00	4.72	a
136 Naphthalene	128	13.134	13.127	0.007	99	32667	5.00	4.59	
137 1,2,3-Trichlorobenzene	180	13.306	13.299	0.007	94	15014	5.00	4.75	
S 138 1,2-Dichloroethene, Total	100				0		10.0	9.92	
S 139 1,3-Dichloropropene, Total	100				0		10.0	8.81	
S 140 Xylenes, Total	100				0		10.0	9.87	
S 142 Total BTEX	1				0		25.0	24.5	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added:	10.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00384	Amount Added:	10.00	Units: uL	
524freon_00027	Amount Added:	10.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:38:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D

Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13 Operator ID:

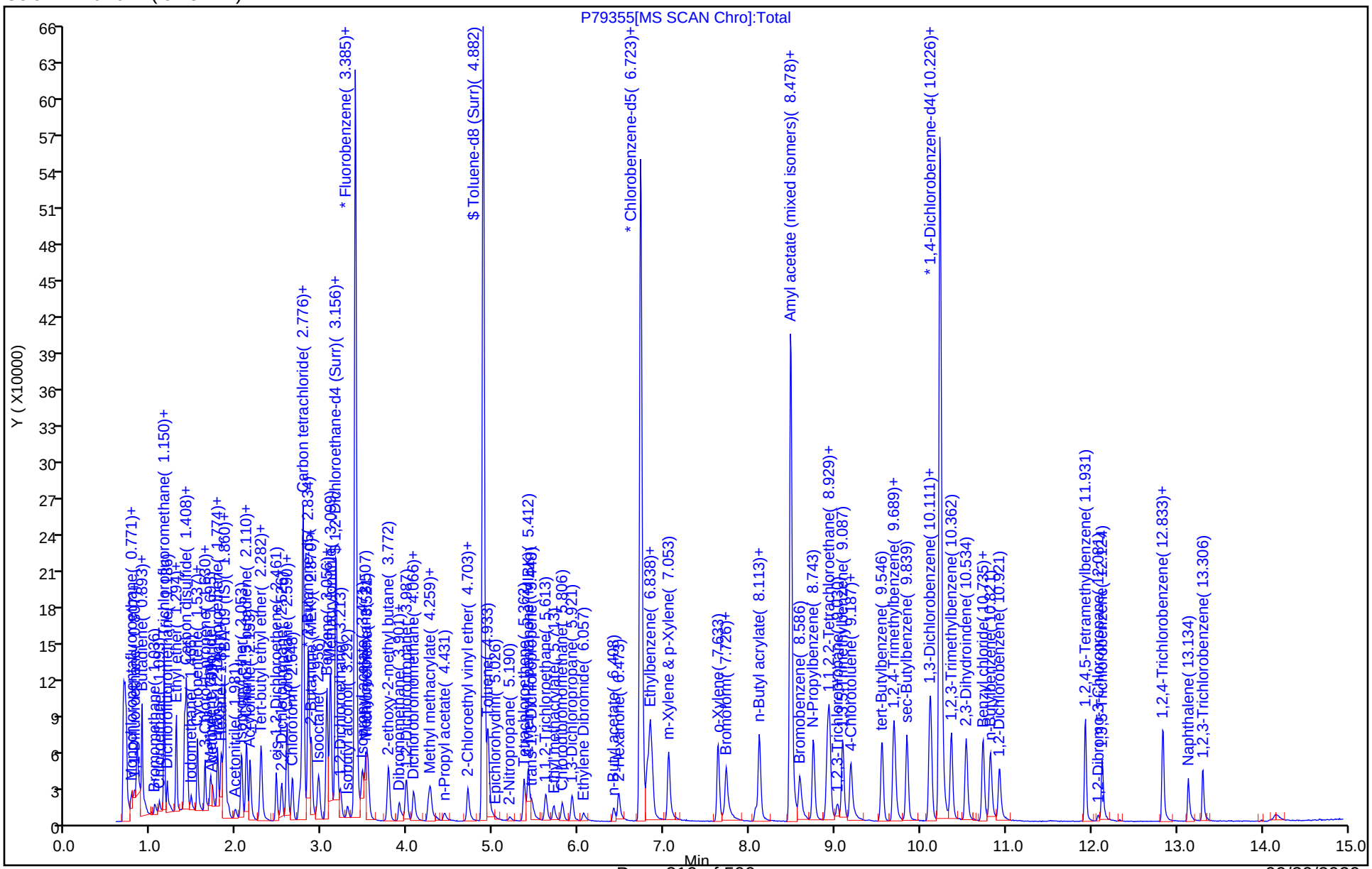
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

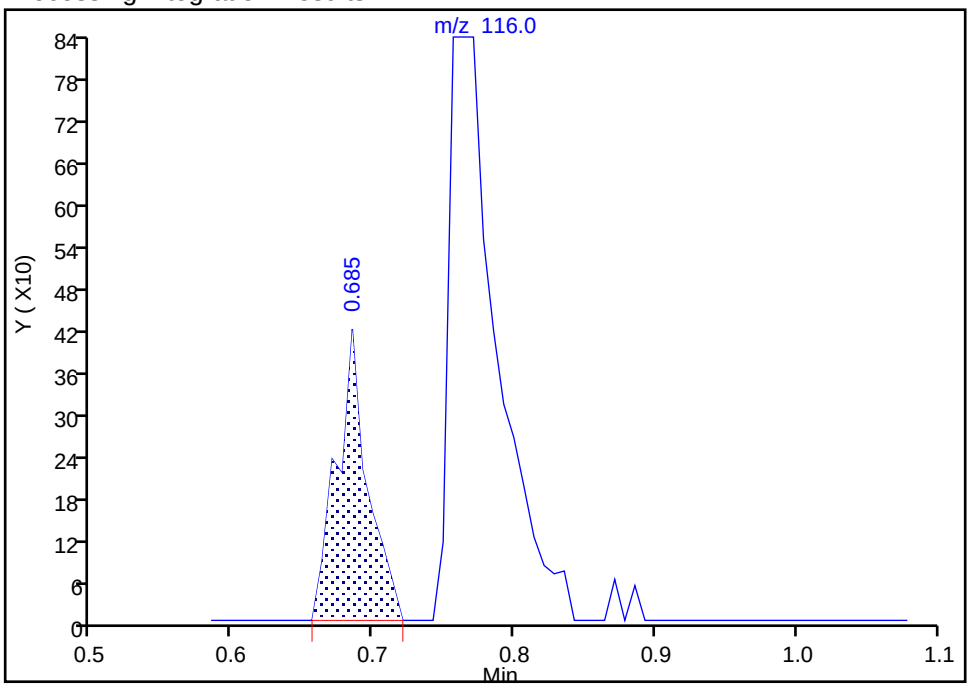
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

2 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

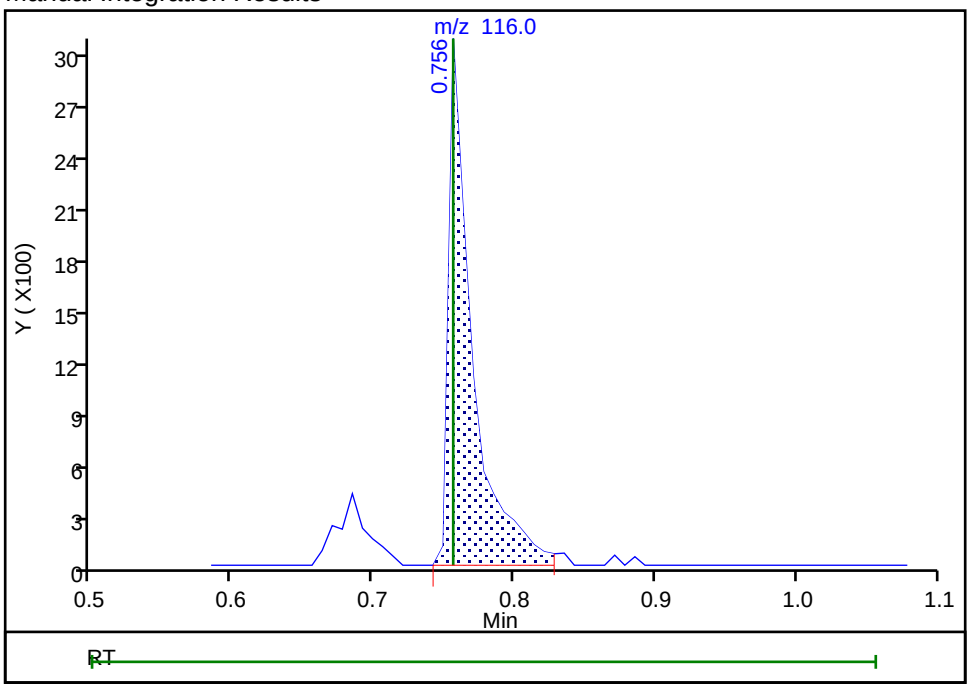
Processing Integration Results

RT: 0.68
Area: 638
Amount: 5.024448
Amount Units: ug/l



Manual Integration Results

RT: 0.76
Area: 3587
Amount: 4.163868
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:40:39
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

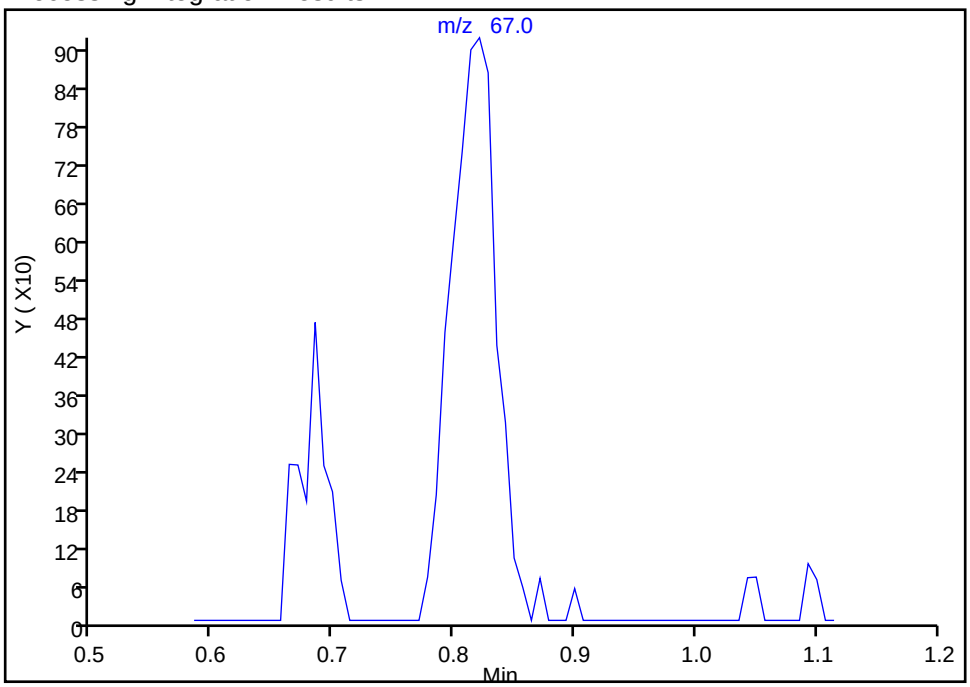
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

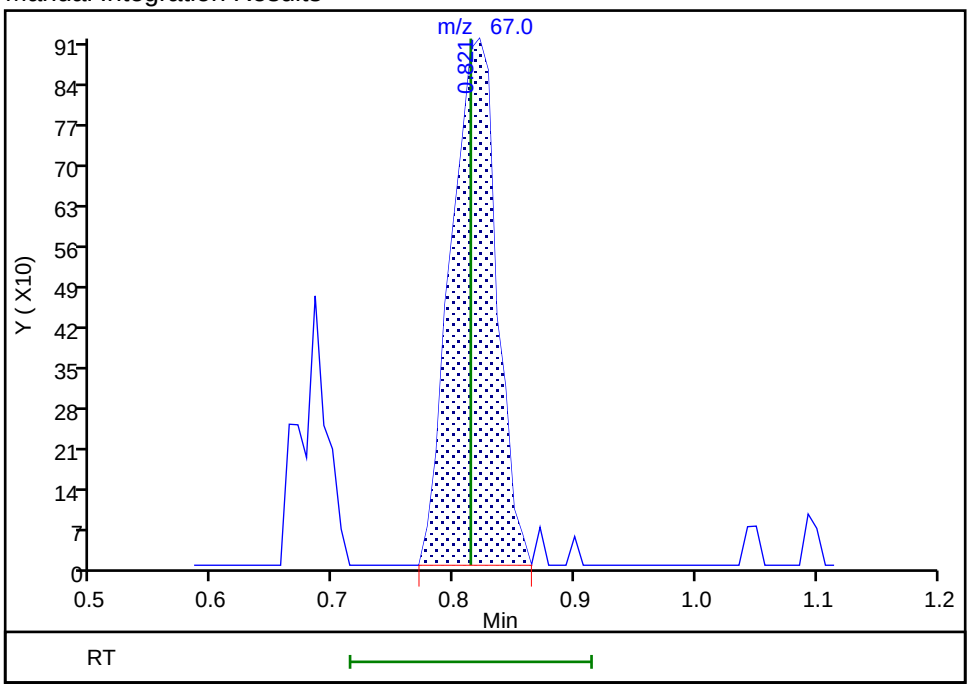
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.82
Area: 2413
Amount: 4.761146
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:40:51
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

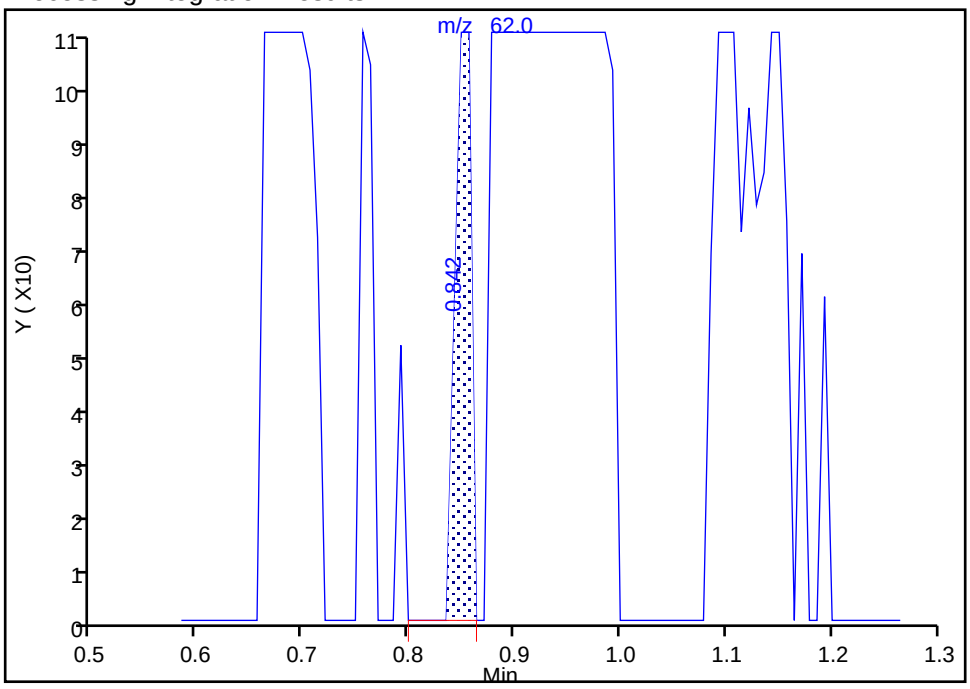
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Signal: 1

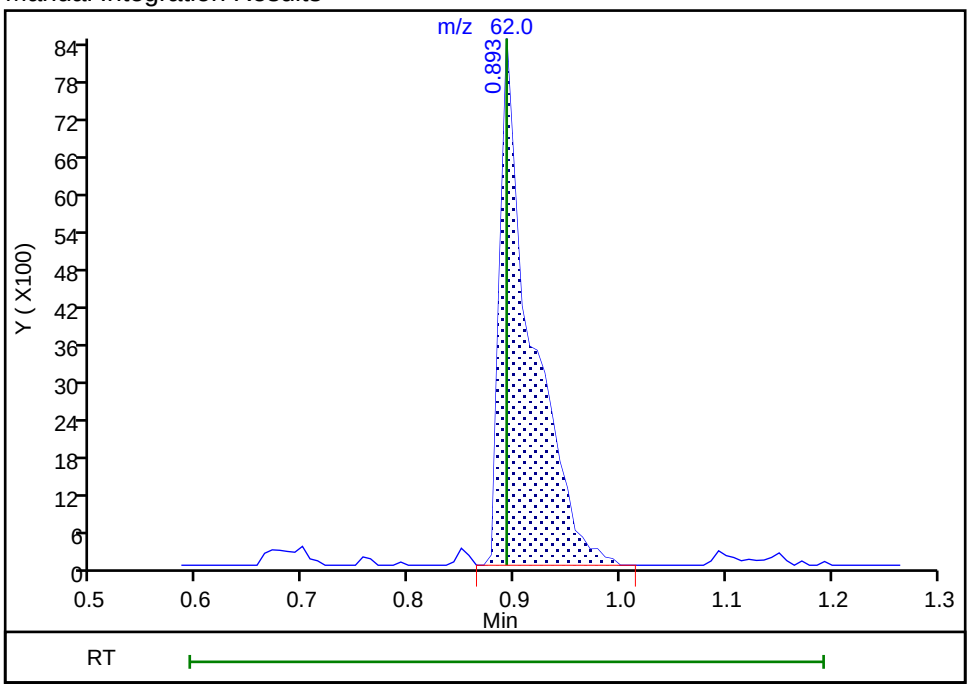
Processing Integration Results

RT: 0.84
Area: 208
Amount: 0.071241
Amount Units: ug/l



Manual Integration Results

RT: 0.89
Area: 17466
Amount: 4.615518
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:40:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

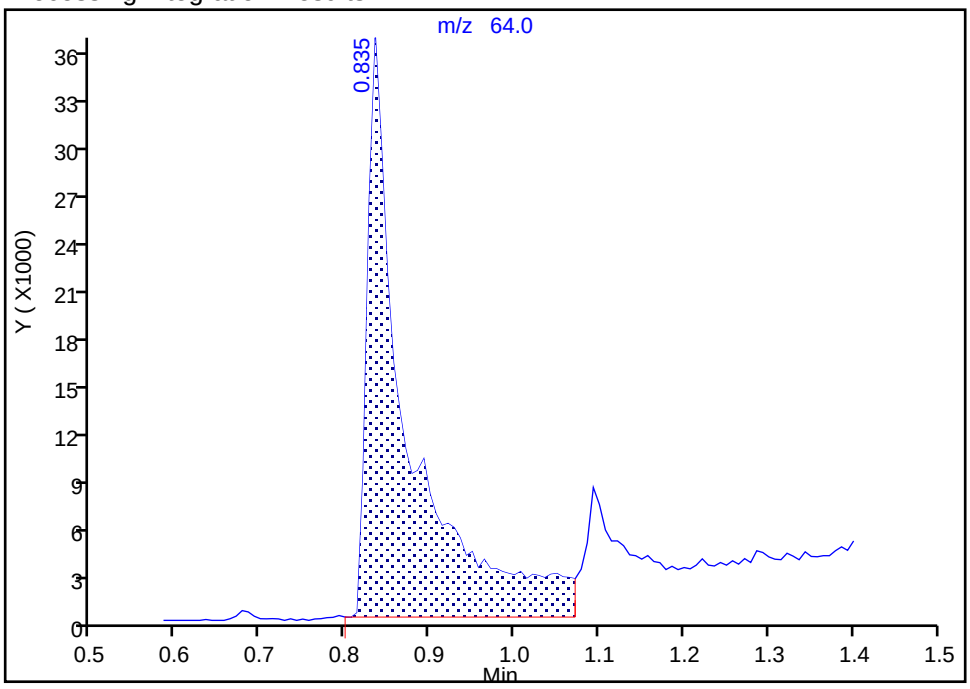
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

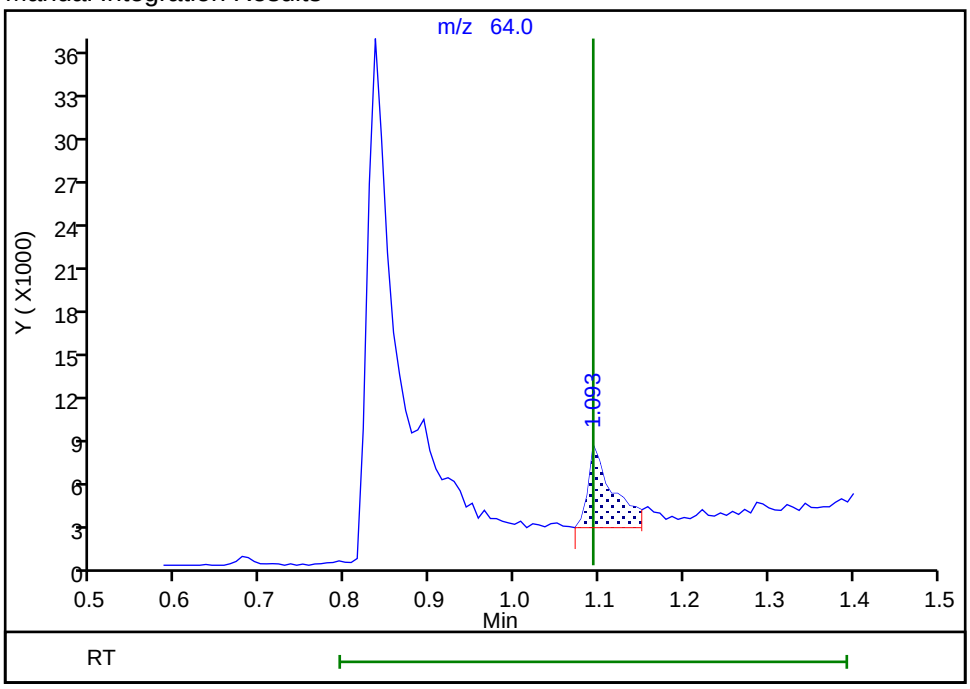
Processing Integration Results

RT: 0.84
Area: 119362
Amount: 0.228626
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 11587
Amount: 5.763158
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:41:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

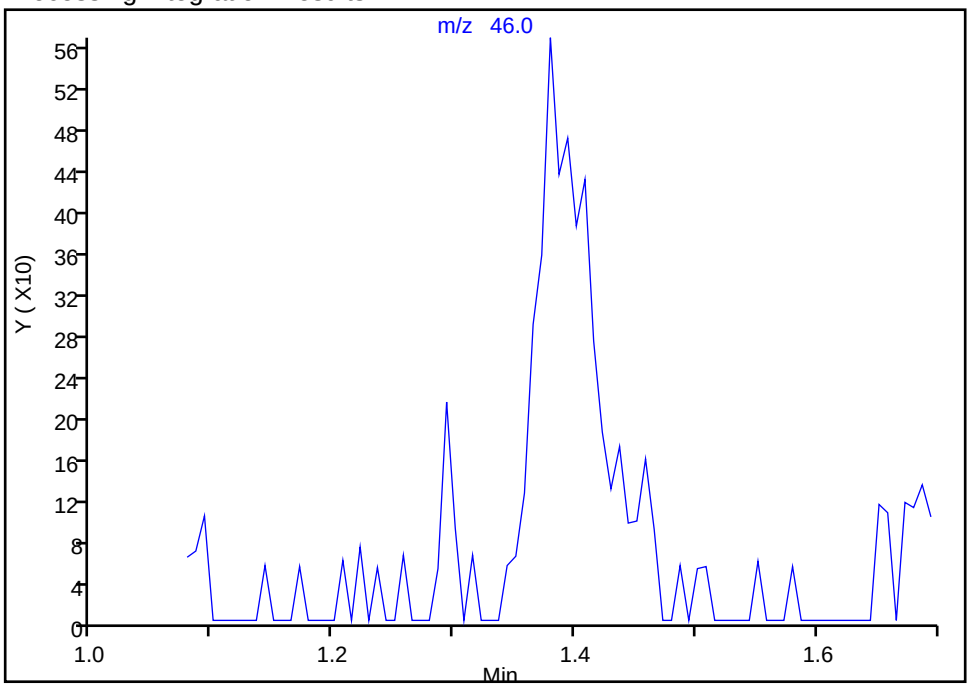
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

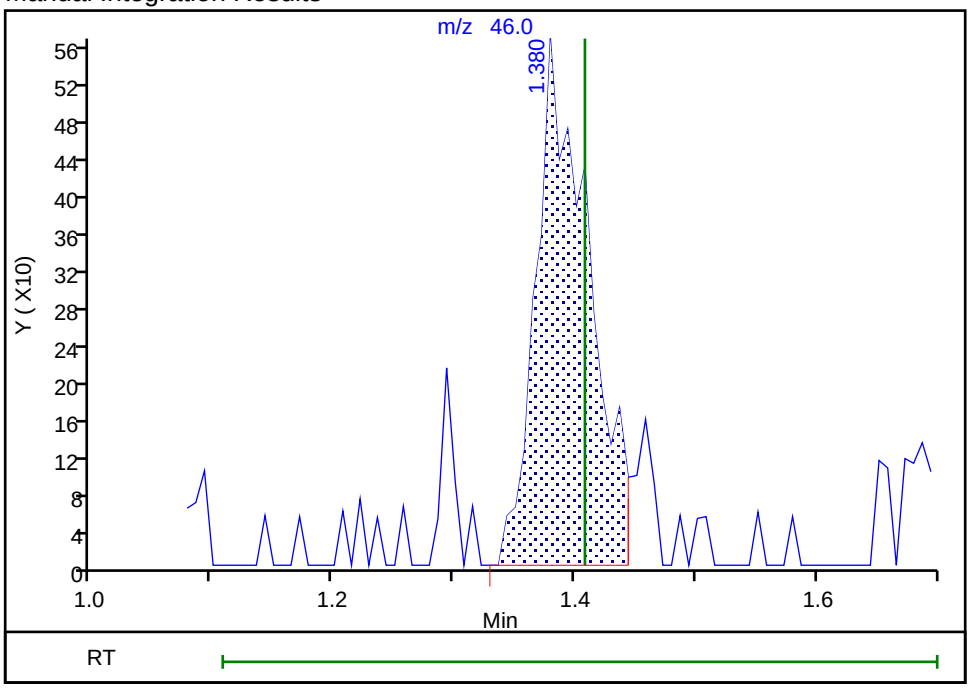
Not Detected
Expected RT: 1.41

Processing Integration Results



Manual Integration Results

RT: 1.38
Area: 1713
Amount: 180.3585
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:42:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

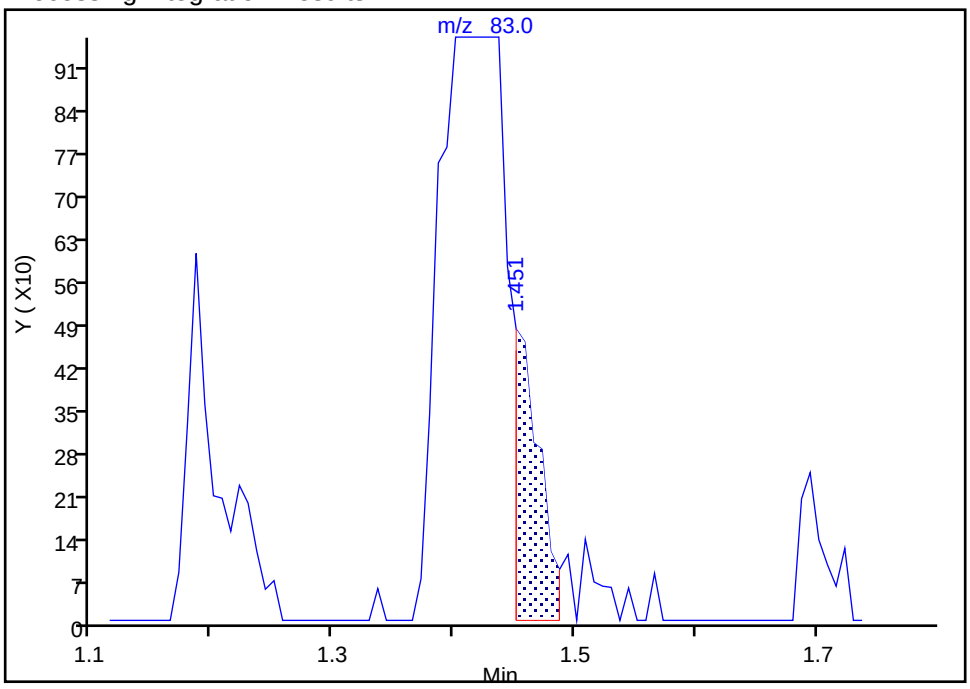
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

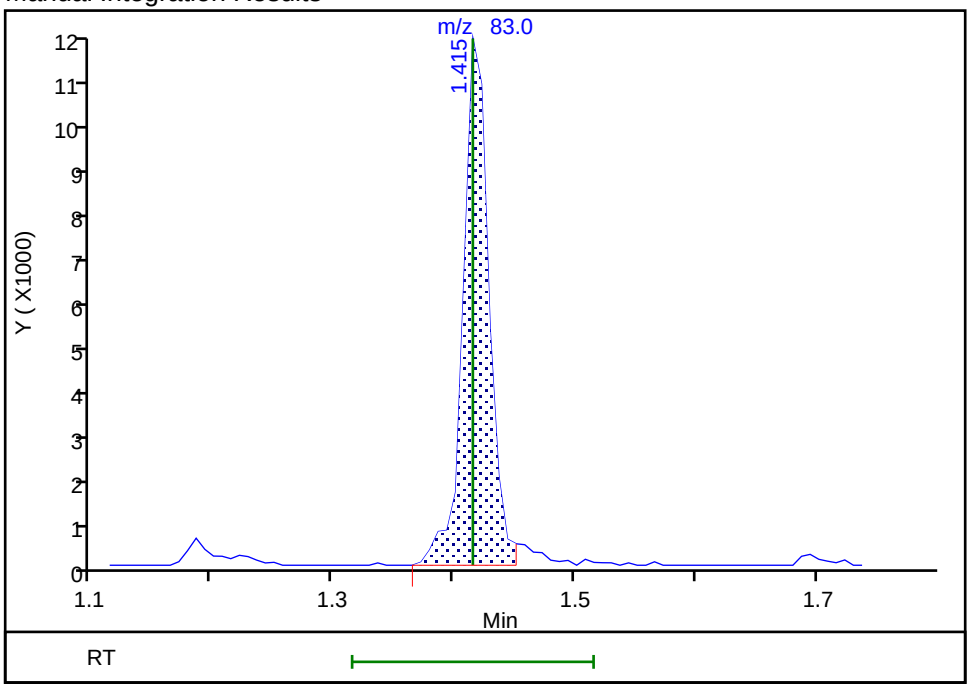
Processing Integration Results

RT: 1.45
Area: 731
Amount: 0.287735
Amount Units: ug/l



Manual Integration Results

RT: 1.42
Area: 17523
Amount: 4.684757
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:42:28
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

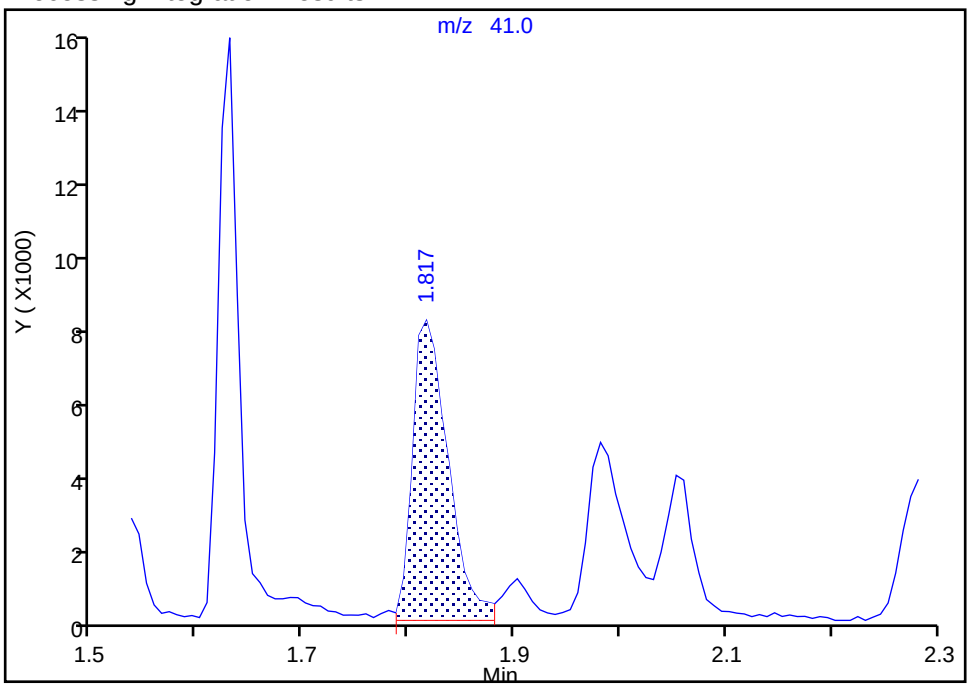
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

35 Acetonitrile, CAS: 75-05-8

Signal: 1

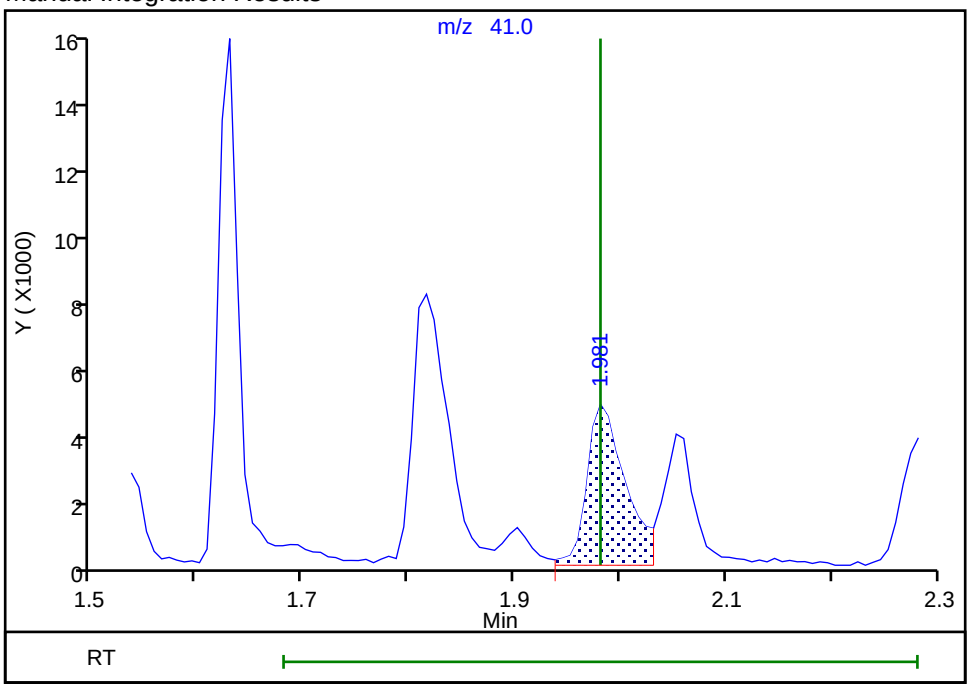
Processing Integration Results

RT: 1.82
Area: 18719
Amount: 46.439067
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 12143
Amount: 53.050268
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:43:46
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

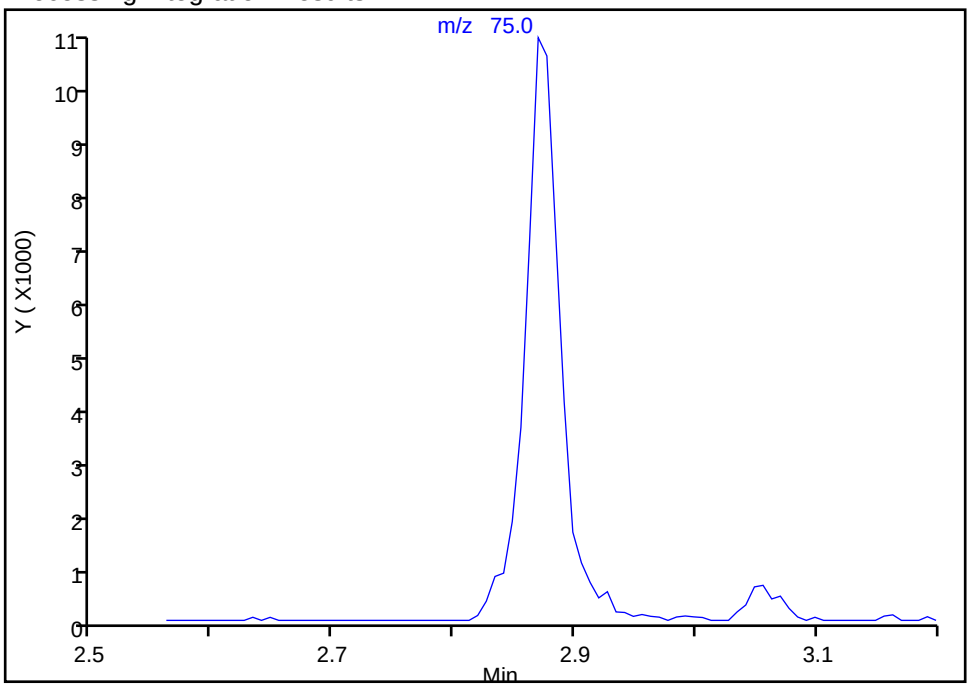
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

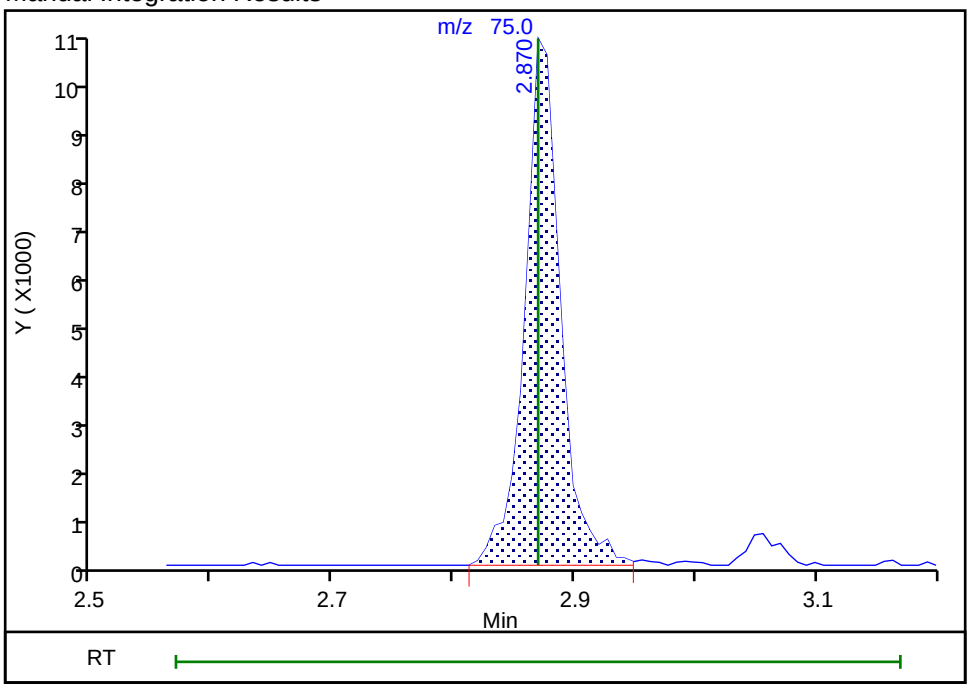
Not Detected
Expected RT: 2.87

Processing Integration Results



Manual Integration Results

RT: 2.87
Area: 21330
Amount: 5.211473
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:44:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

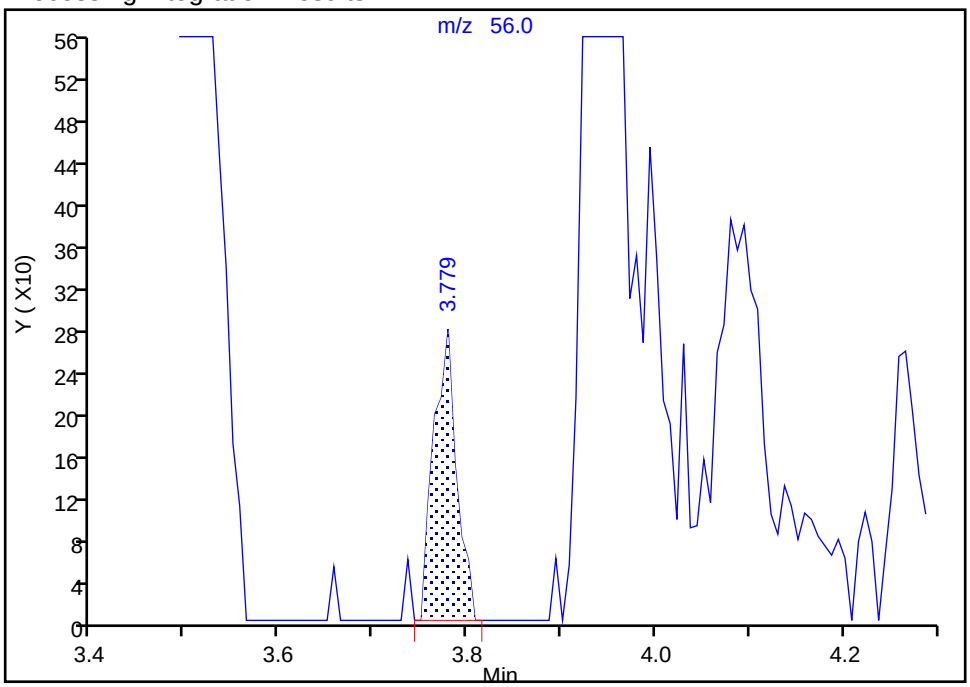
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

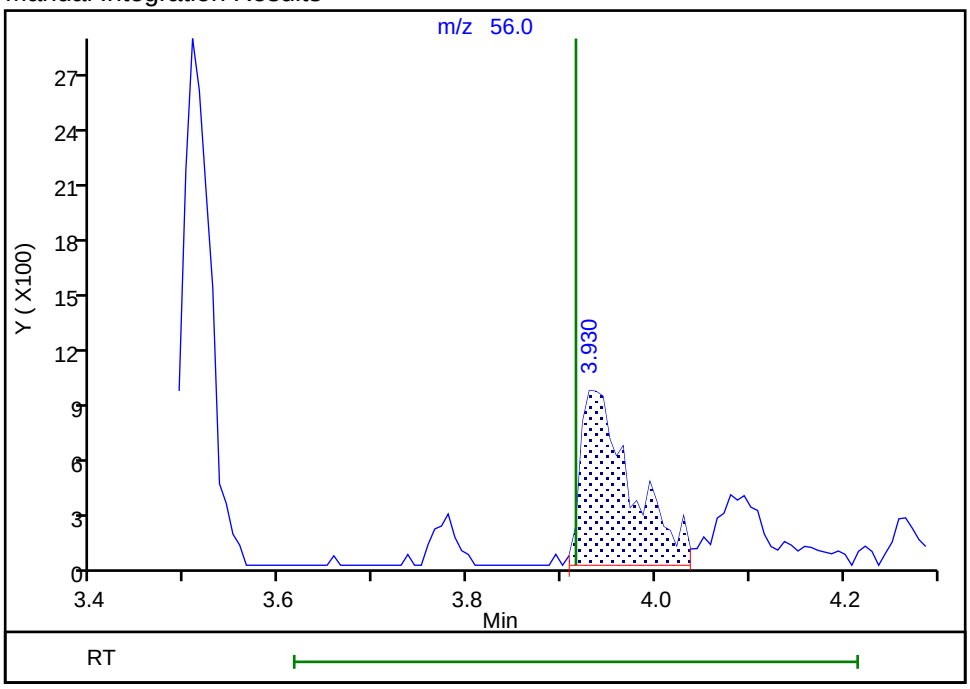
Processing Integration Results

RT: 3.78
Area: 466
Amount: 12.477019
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 3568
Amount: 94.887462
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:30:44
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

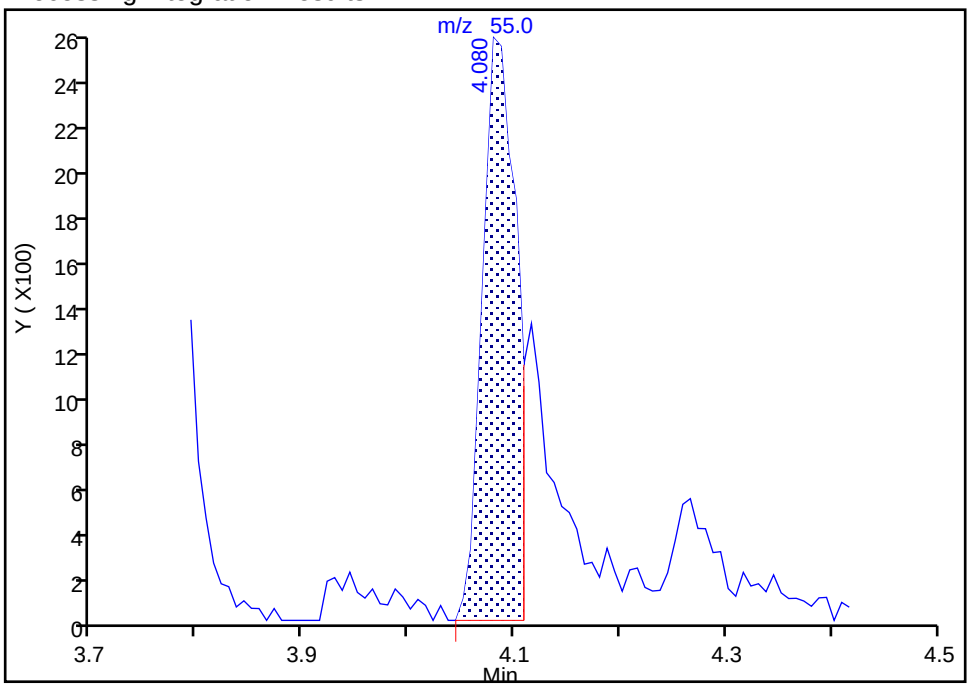
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

74 Ethyl acrylate, CAS: 140-88-5

Signal: 1

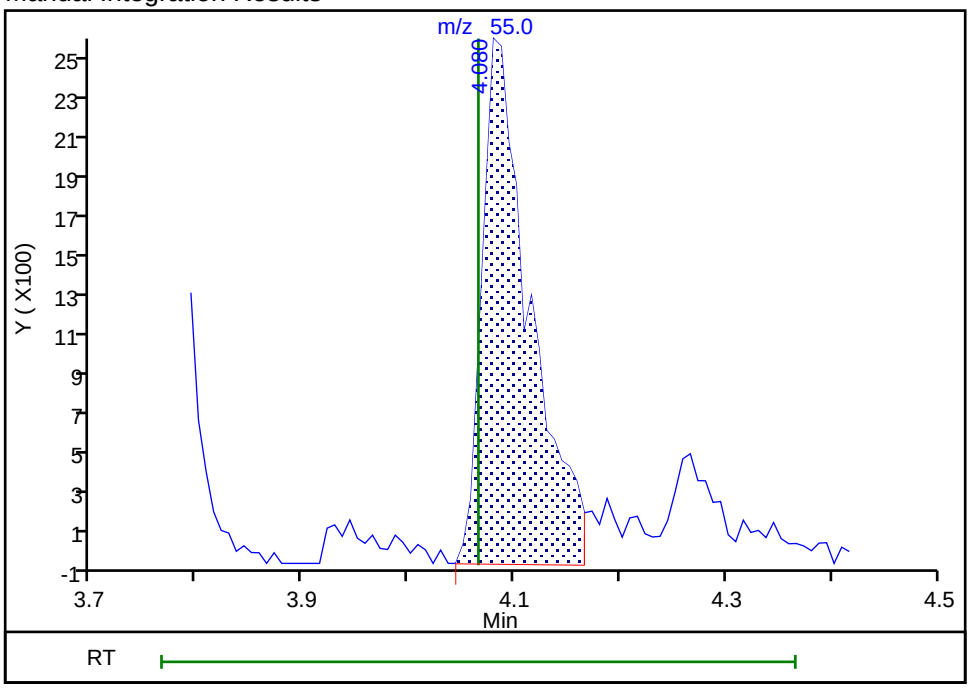
Processing Integration Results

RT: 4.08
Area: 5756
Amount: 2.563893
Amount Units: ug/l



Manual Integration Results

RT: 4.08
Area: 8046
Amount: 4.453863
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 11:59:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

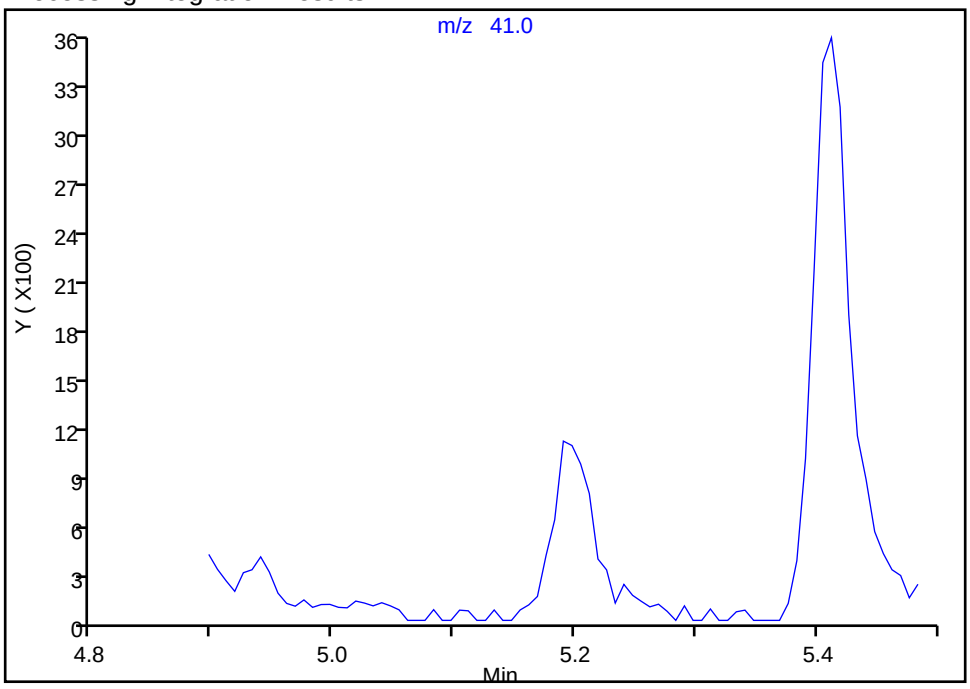
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

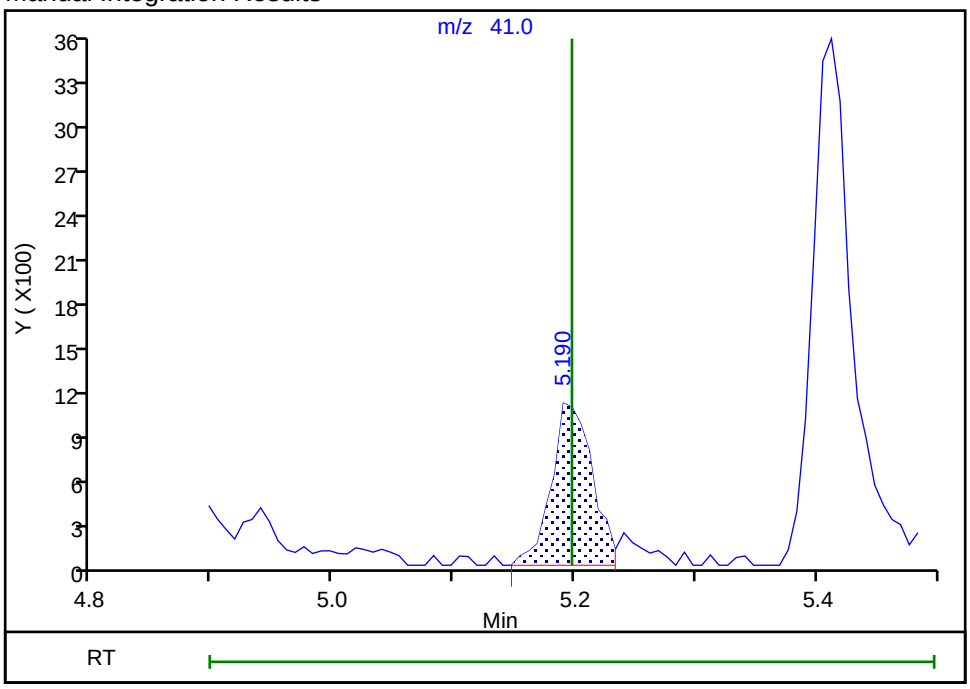
Not Detected
Expected RT: 5.20

Processing Integration Results



Manual Integration Results

RT: 5.19
Area: 2558
Amount: 8.685777
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:13:04
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

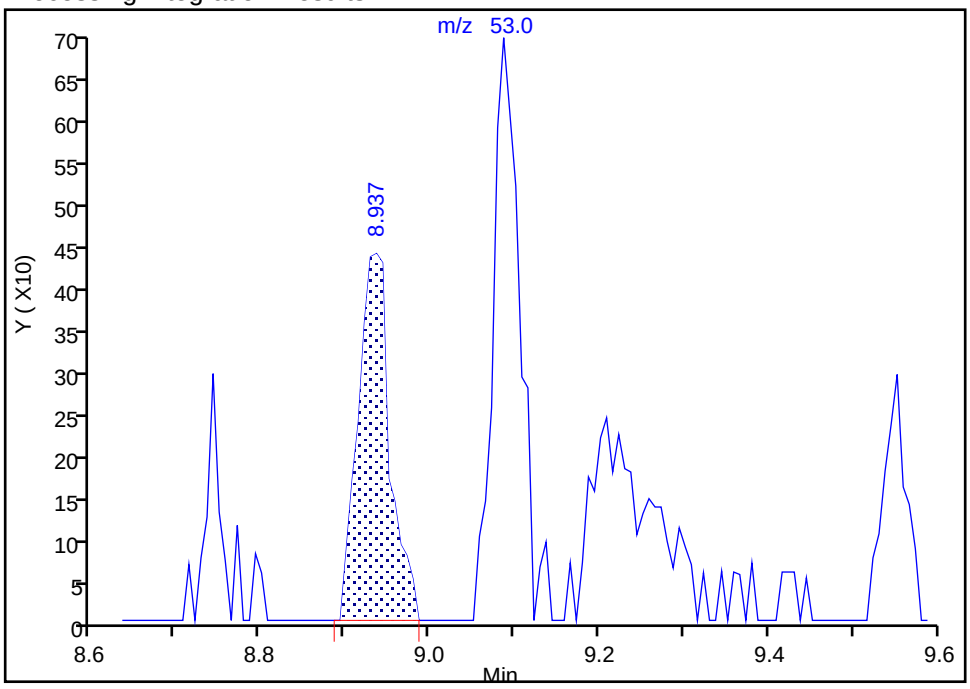
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

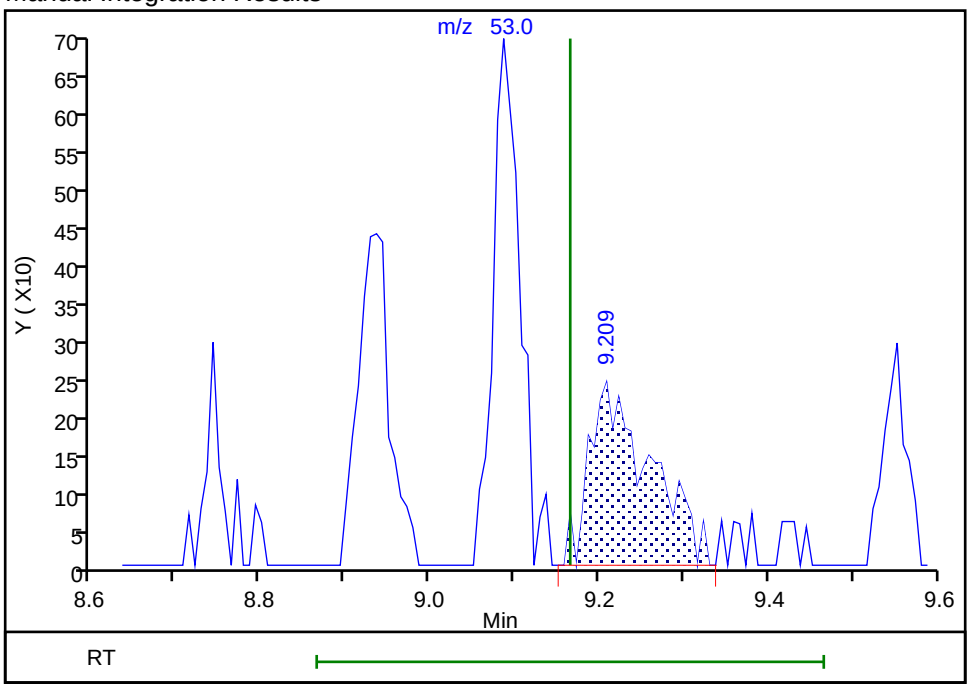
Processing Integration Results

RT: 8.94
Area: 1154
Amount: 3.377841
Amount Units: ug/l



Manual Integration Results

RT: 9.21
Area: 1211
Amount: 2.851459
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:06:05
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

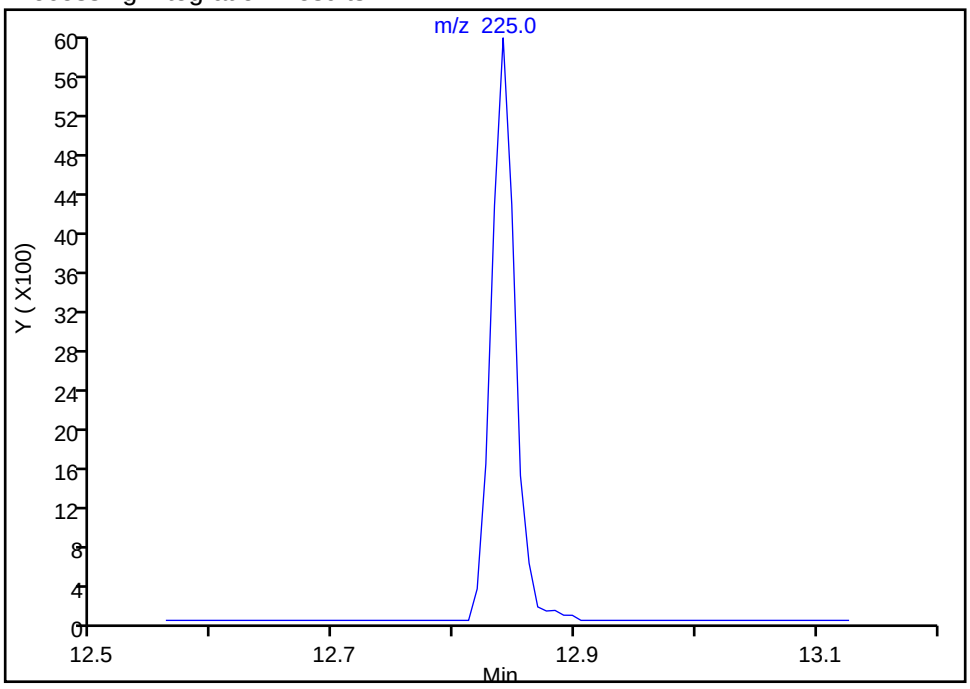
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79355.D
Injection Date: 04-Sep-2020 15:21:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

135 Hexachlorobutadiene, CAS: 87-68-3

Signal: 1

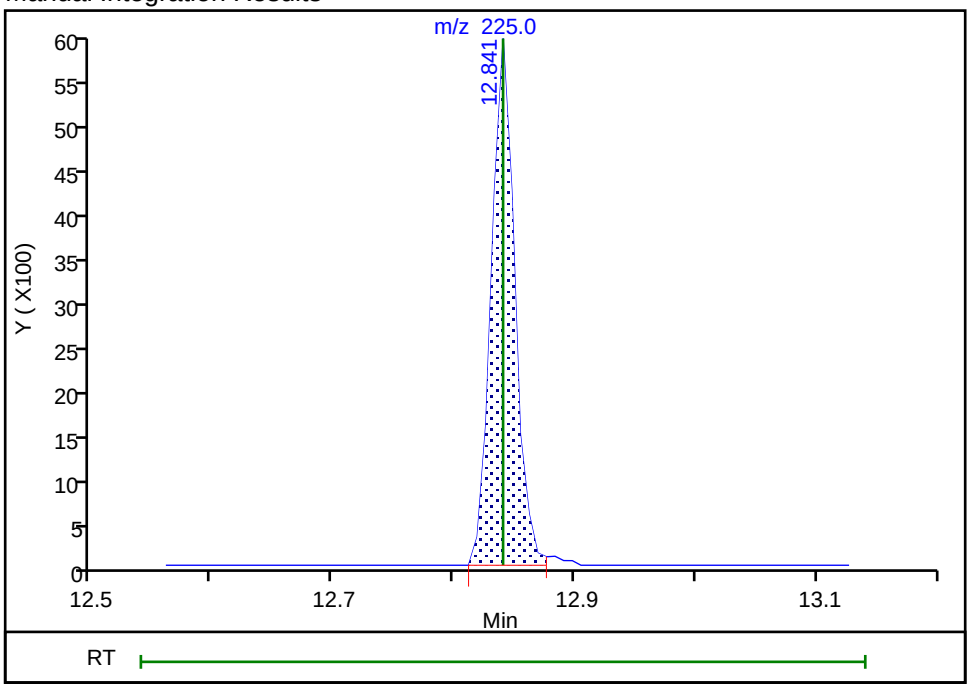
Not Detected
Expected RT: 12.84

Processing Integration Results



Manual Integration Results

RT: 12.84
Area: 8036
Amount: 4.716233
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 14:45:50
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 04-Sep-2020 15:45:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0116303-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:38:31 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: baronm Date: 06-Sep-2020 07:12:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.721	0.721	0.000	68	4726	20.0	18.8	M
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	87	16846	20.0	18.8	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	76055	20.0	19.8	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	89	34592	20.0	19.0	
5 Chlorodifluoromethane	67	0.814	0.814	0.000	95	10240	20.0	19.4	a
6 Chloromethane	50	0.892	0.892	0.000	80	100553	20.0	18.7	
8 Butadiene	54	0.892	0.892	0.000	96	72263	20.0	20.2	
7 Vinyl chloride	62	0.892	0.892	0.000	96	75711	20.0	19.3	
9 Bromomethane	94	1.036	1.036	0.000	97	28668	20.0	19.6	
10 Chloroethane	64	1.093	1.093	0.000	99	45616	20.0	21.8	M
11 Pentane	72	1.150	1.150	0.000	96	21238	40.0	44.3	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	57	70080	20.0	19.5	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	98	94922	20.0	19.7	
14 2-Methyl-1,3-butadiene	67	1.286	1.286	0.000	97	84871	20.0	20.5	
15 Ethyl ether	59	1.294	1.294	0.000	95	37723	20.0	19.6	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	50980	20.0	19.9	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	78	75300	20.0	20.1	
16 Ethanol	46	1.408	1.408	0.000	27	6934	800.0	750.1	a
19 Carbon disulfide	76	1.408	1.408	0.000	99	195533	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	89	50985	20.0	20.3	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.415	1.415	0.000	92	78053	20.0	20.1	
22 Iodomethane	142	1.466	1.466	0.000	97	52089	20.0	12.8	
23 Cyclopentene	67	1.537	1.537	0.000	96	144269	20.0	20.3	
24 Acrolein	56	1.559	1.559	0.000	95	8390	40.0	38.8	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	30186	20.0	18.4	
26 Isopropyl alcohol	45	1.659	1.659	0.000	96	16121	200.0	179.3	
27 Methylene Chloride	84	1.695	1.695	0.000	91	60699	20.0	19.6	
28 Acetone	43	1.716	1.716	0.000	88	42570	100.0	91.5	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	94	58053	20.0	19.8	
30 Methyl acetate	43	1.781	1.781	0.000	98	42068	40.0	38.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	89	15447	20.0	21.8	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	88	117508	20.0	19.6	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	111415	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.902	1.902	0.000	100	25630	200.0	210.2	
35 Acetonitrile	41	1.981	1.981	0.000	100	42730	200.0	191.8	
36 Isopropyl ether	45	2.053	2.053	0.000	98	187280	20.0	19.9	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	90	53898	20.0	20.0	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	105914	20.0	19.4	
39 Acrylonitrile	53	2.153	2.153	0.000	95	139063	200.0	196.9	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	151474	20.0	19.6	
41 Vinyl acetate	43	2.282	2.282	0.000	100	151225	40.0	36.1	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	97	60535	20.0	18.6	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	72273	20.0	19.6	
44 Cyclohexane	56	2.583	2.583	0.000	91	112116	20.0	20.5	
45 Chlorobromomethane	128	2.590	2.590	0.000	93	27217	20.0	19.2	
46 Chloroform	83	2.647	2.647	0.000	99	95335	20.0	19.5	
47 Carbon tetrachloride	117	2.733	2.733	0.000	98	53428	20.0	18.5	
48 Ethyl acetate	70	2.748	2.748	0.000	98	8210	40.0	44.3	
49 Methyl acrylate	55	2.748	2.748	0.000	77	30616	20.0	19.9	
50 Tetrahydrofuran	42	2.755	2.755	0.000	95	26816	40.0	41.5	
52 1,1,1-Trichloroethane	97	2.776	2.776	0.000	98	77080	20.0	19.6	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	120577	50.0	49.1	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	142853	250.0	250.0	
55 1,1-Dichloropropene	75	2.869	2.869	0.000	98	83603	20.0	19.7	
54 2-Butanone (MEK)	72	2.869	2.869	0.000	98	21668	100.0	103.8	
56 Isooctane	57	2.955	2.955	0.000	99	176521	20.0	20.5	
57 n-Heptane	57	3.049	3.049	0.000	92	43511	20.0	20.6	
58 Benzene	78	3.056	3.056	0.000	96	248383	20.0	20.1	
59 Propionitrile	54	3.077	3.077	0.000	94	46041	200.0	194.8	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	158756	200.0	202.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	123183	50.0	50.0	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	125065	20.0	19.4	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	59557	20.0	18.7	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	28978	500.0	486.4	
65 t-Amyl alcohol	59	3.357	3.357	0.000	95	18265	200.0	188.9	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	570384	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	98	66033	20.0	18.2	
68 Methylcyclohexane	83	3.507	3.507	0.000	96	103611	20.0	20.6	
69 Trichloroethene	130	3.536	3.536	0.000	97	60650	20.0	19.7	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	121796	20.0	19.2	
71 Dibromomethane	93	3.894	3.894	0.000	96	27162	20.0	19.8	
72 n-Butanol	56	3.915	3.915	0.000	91	15148	500.0	412.0	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	60700	20.0	19.7	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	65786	20.0	19.5	
74 Ethyl acrylate	55	4.066	4.066	0.000	98	41058	20.0	19.9	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	93	14880	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	92	18324	40.0	39.9	
78 1,4-Dioxane	88	4.273	4.273	0.000	40	6975	400.0	406.5	
79 n-Propyl acetate	43	4.417	4.417	0.000	99	46190	20.0	19.9	
80 2-Chloroethyl vinyl ether	63	4.675	4.675	0.000	96	7768	20.0	13.3	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	78477	20.0	19.4	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	510468	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.940	4.940	0.000	93	248986	20.0	19.8	
84 Epichlorohydrin	57	4.983	4.983	0.000	99	13992	400.0	280.7	a
85 2-Nitropropane	41	5.197	5.197	0.000	97	10374	40.0	33.9	a
86 Tetrachloroethene	166	5.362	5.362	0.000	97	56857	20.0	19.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	158019	100.0	106.9	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	64238	20.0	20.0	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	33891	20.0	19.8	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	48156	20.0	19.9	
91 Chlorodibromomethane	129	5.799	5.799	0.000	98	42676	20.0	19.3	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	95	72110	20.0	20.2	
93 Ethylene Dibromide	107	6.050	6.050	0.000	98	37940	20.0	20.6	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	46824	20.0	19.5	
95 2-Hexanone	43	6.458	6.458	0.000	95	109780	100.0	110.7	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	396072	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	94	154586	20.0	19.6	
98 Ethylbenzene	106	6.831	6.831	0.000	98	87032	20.0	19.7	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	47888	20.0	19.7	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	108099	20.0	20.9	
101 o-Xylene	106	7.626	7.626	0.000	94	103586	20.0	19.8	
102 Bromoform	173	7.690	7.690	0.000	95	23389	20.0	18.7	
103 Styrene	104	7.719	7.719	0.000	97	172023	20.0	20.5	
104 n-Butyl acrylate	73	8.056	8.056	0.000	98	27988	20.0	20.0	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	275910	20.0	20.3	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	88	65023	20.0	20.4	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	92	161410	50.0	50.3	
108 Bromobenzene	156	8.586	8.586	0.000	98	64671	20.0	19.8	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	333905	20.0	20.5	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	45006	20.0	19.9	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	221339	20.0	19.7	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	272920	20.0	20.1	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	12409	20.0	20.7	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	93	227437	20.0	20.1	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	80	7238	20.0	16.7	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	200889	20.0	20.3	
117 tert-Butylbenzene	119	9.545	9.545	0.000	95	197112	20.0	20.1	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	235892	20.0	20.2	
119 Butyl Methacrylate	87	9.696	9.696	0.000	93	62255	20.0	19.8	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	301449	20.0	20.3	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	96	129288	20.0	20.1	
122 4-Isopropyltoluene	119	10.118	10.118	0.000	98	256268	20.0	20.4	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	220745	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	96	133344	20.0	19.7	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	237975	20.0	20.1	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	229507	20.0	20.0	
127 Benzyl chloride	126	10.713	10.713	0.000	97	13077	20.0	19.1	
128 p-Diethylbenzene	119	10.727	10.727	0.000	93	126096	20.0	20.0	
129 n-Butylbenzene	91	10.813	10.813	0.000	99	234371	20.0	20.5	
130 1,2-Dichlorobenzene	146	10.921	10.921	0.000	97	116216	20.0	19.7	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	225892	20.0	20.5	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	93	7792	20.0	20.7	
133 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	98	95559	20.0	20.4	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	78620	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.840	12.840	0.000	97	34508	20.0	19.9	
136 Naphthalene	128	13.127	13.127	0.000	100	138476	20.0	19.1	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	64083	20.0	19.9	
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 139 1,3-Dichloropropene, Total	100				0		40.0	39.3	
S 140 Xylenes, Total	100				0		40.0	40.7	
S 142 Total BTEX	1				0		100.0	100.3	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00384	Amount Added:	20.00	Units: uL	
524freon_00027	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:38:35 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D

Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13 Operator ID:

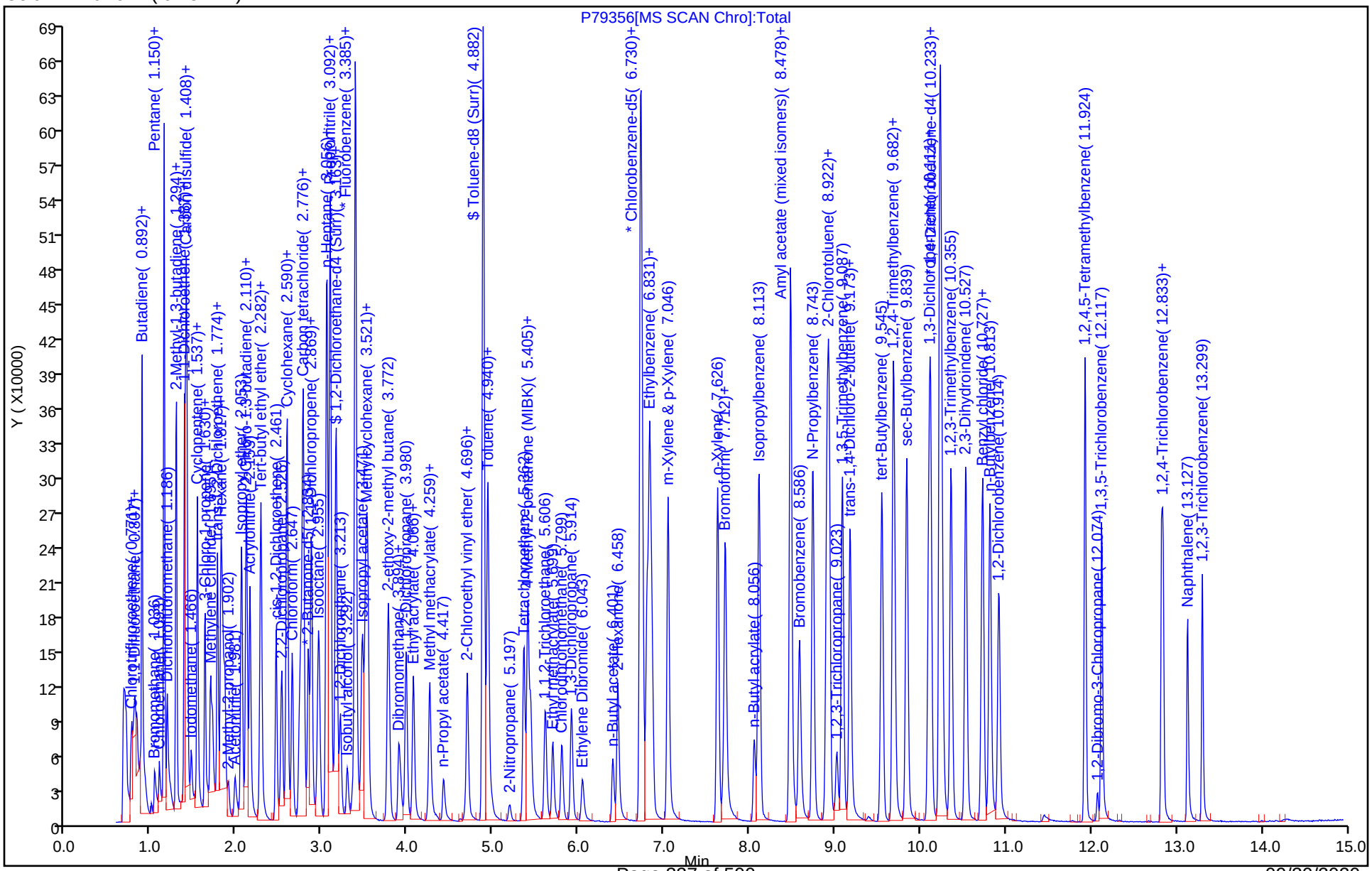
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

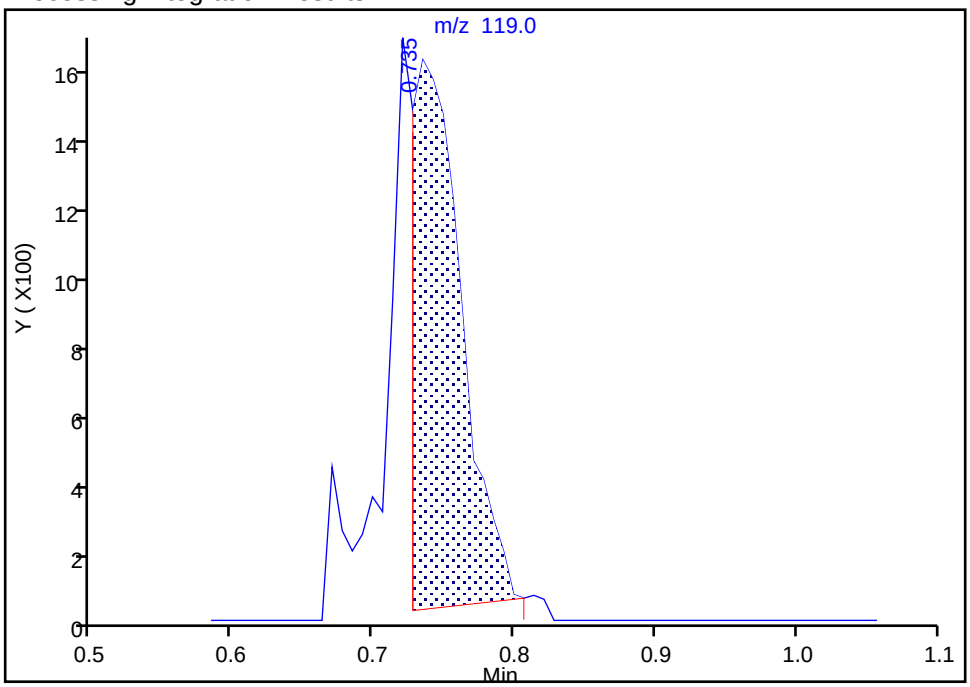
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

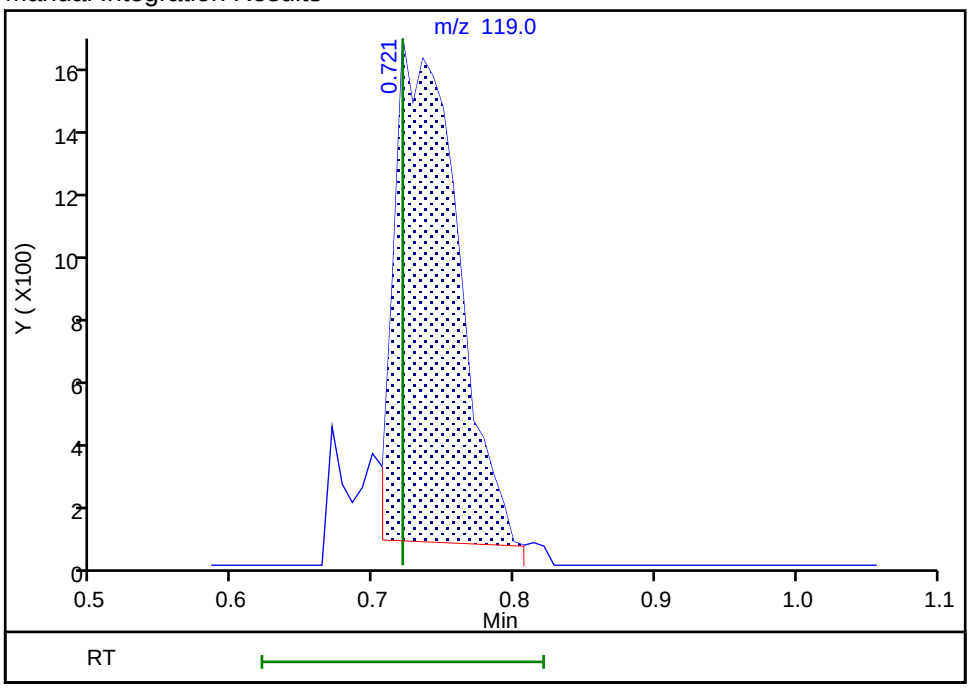
Processing Integration Results

RT: 0.73
Area: 3739
Amount: 15.366439
Amount Units: ug/l



Manual Integration Results

RT: 0.72
Area: 4726
Amount: 18.787706
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:03:51
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

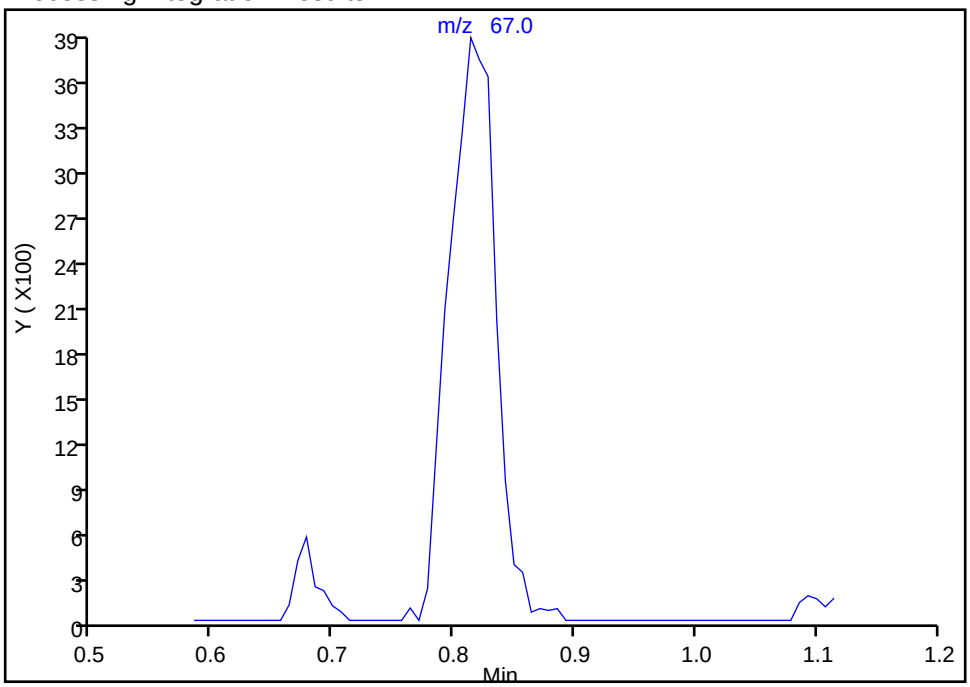
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

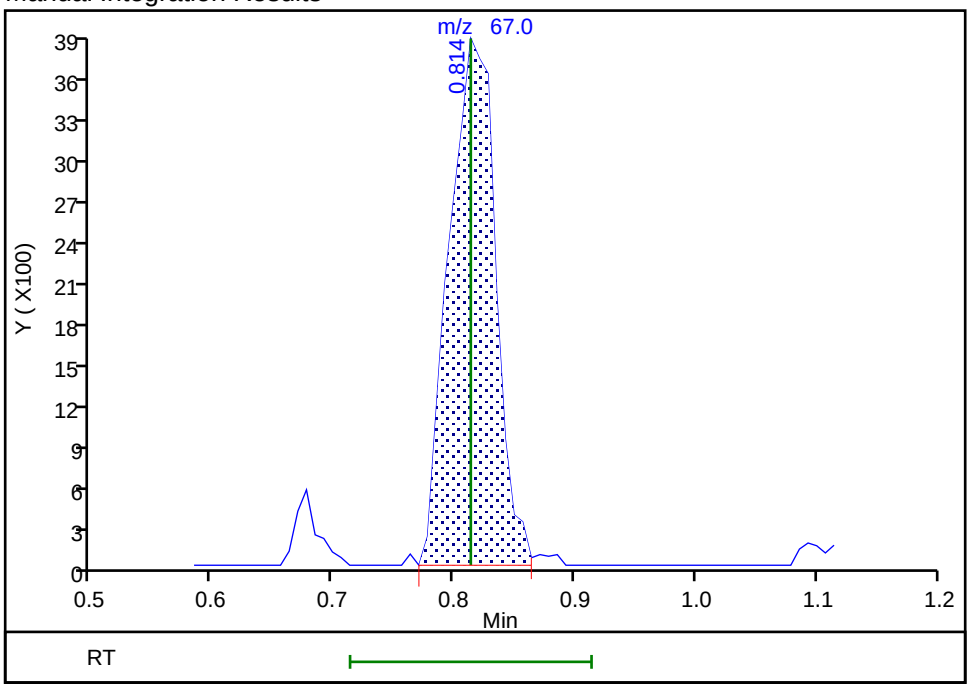
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.81
Area: 10240
Amount: 19.440349
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 15:04:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

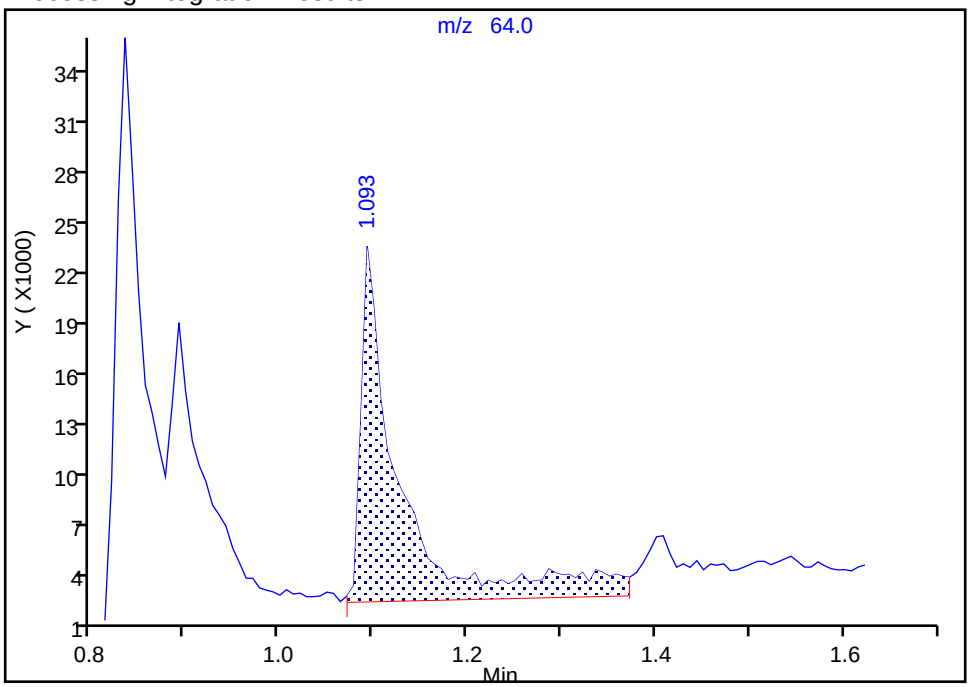
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

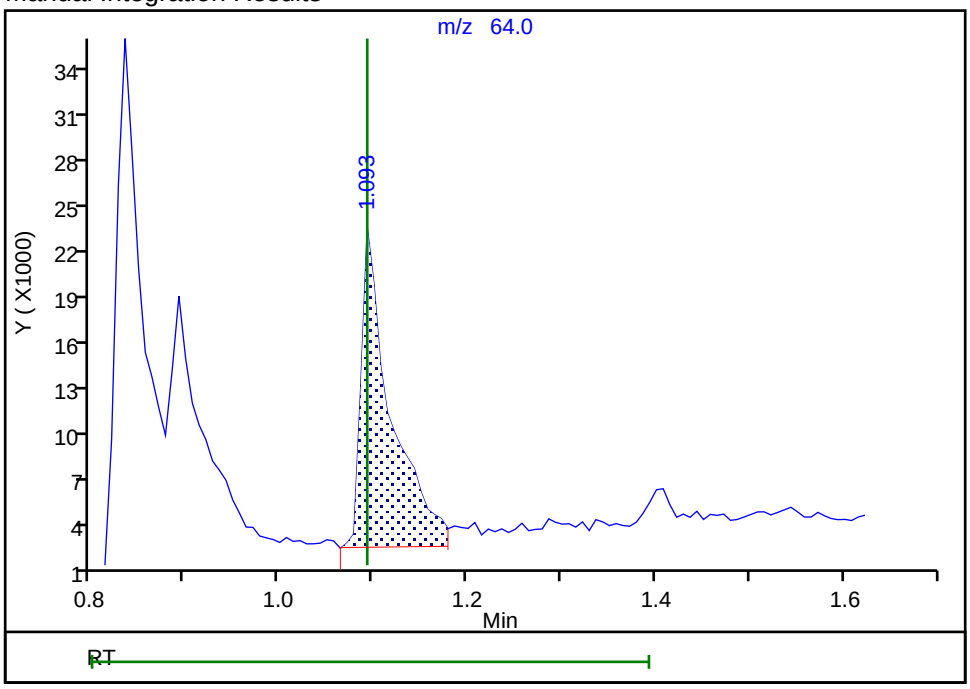
Processing Integration Results

RT: 1.09
Area: 60101
Amount: 26.802940
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 45616
Amount: 21.830145
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:04:09
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

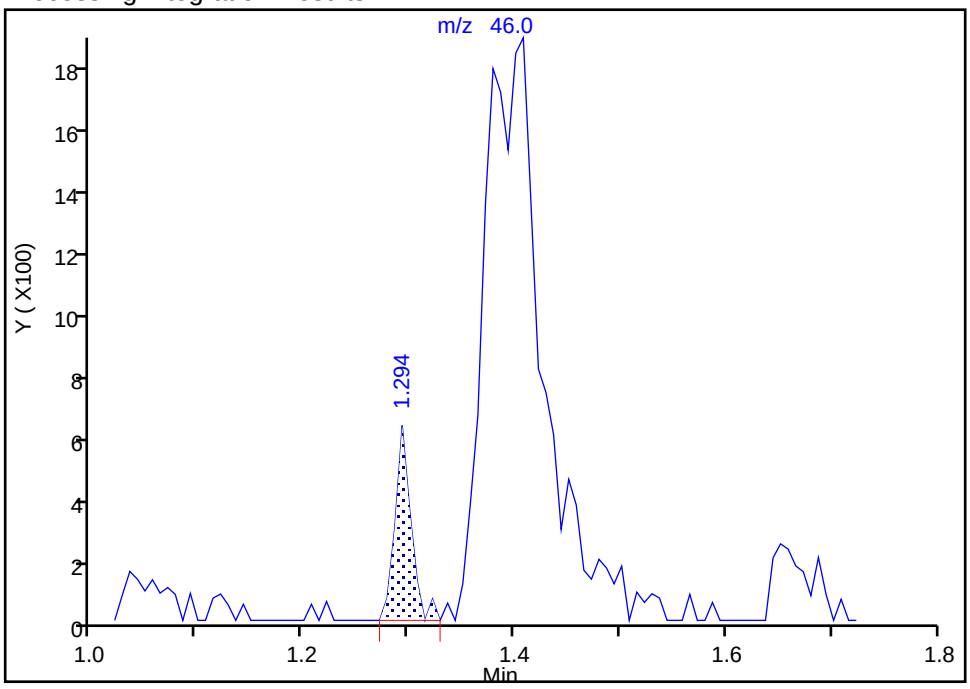
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

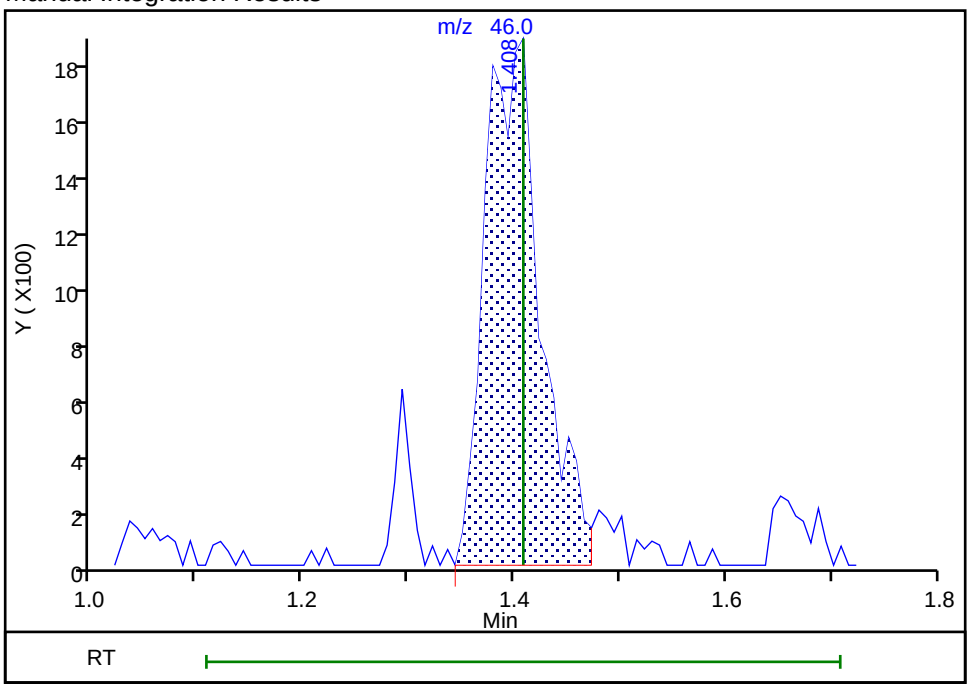
Processing Integration Results

RT: 1.29
Area: 663
Amount: 112.3043
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 6934
Amount: 750.1125
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 15:04:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

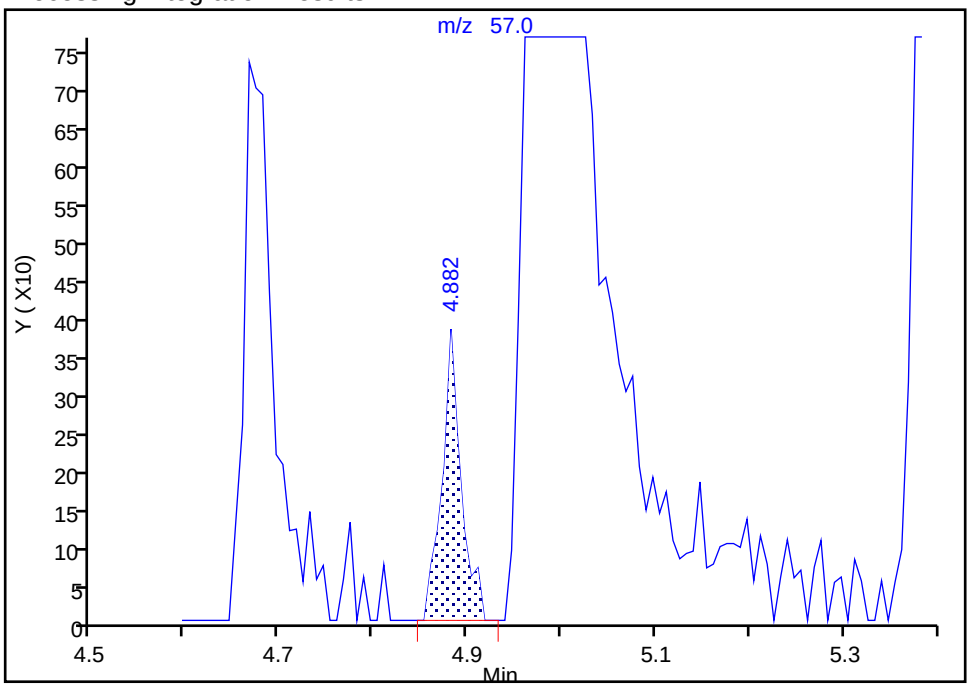
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

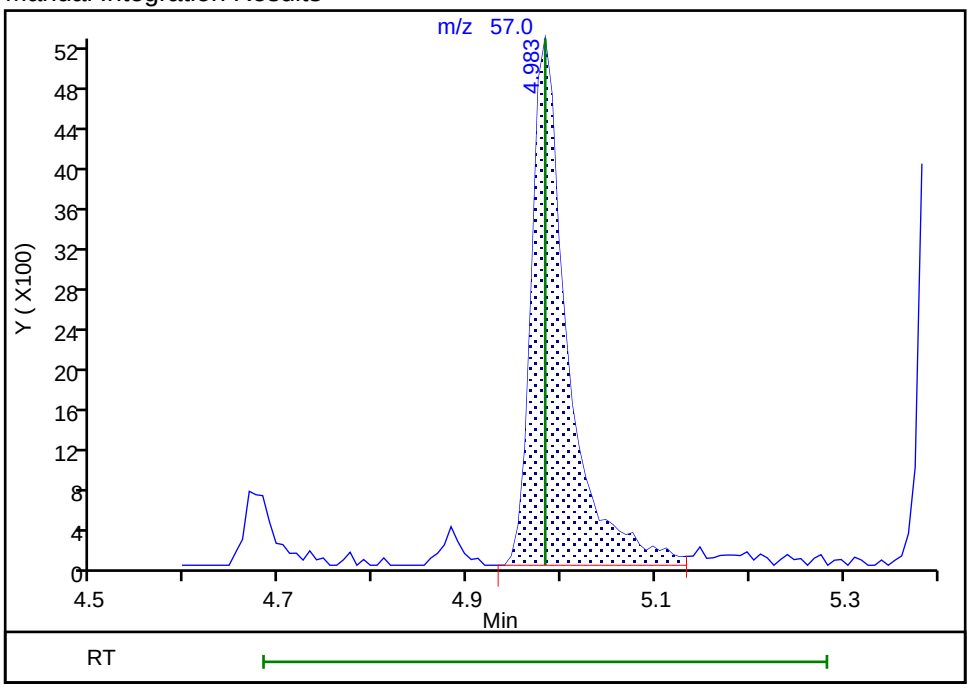
Processing Integration Results

RT: 4.88
Area: 539
Amount: 15.183941
Amount Units: ug/l



Manual Integration Results

RT: 4.98
Area: 13992
Amount: 280.7404
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 15:06:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

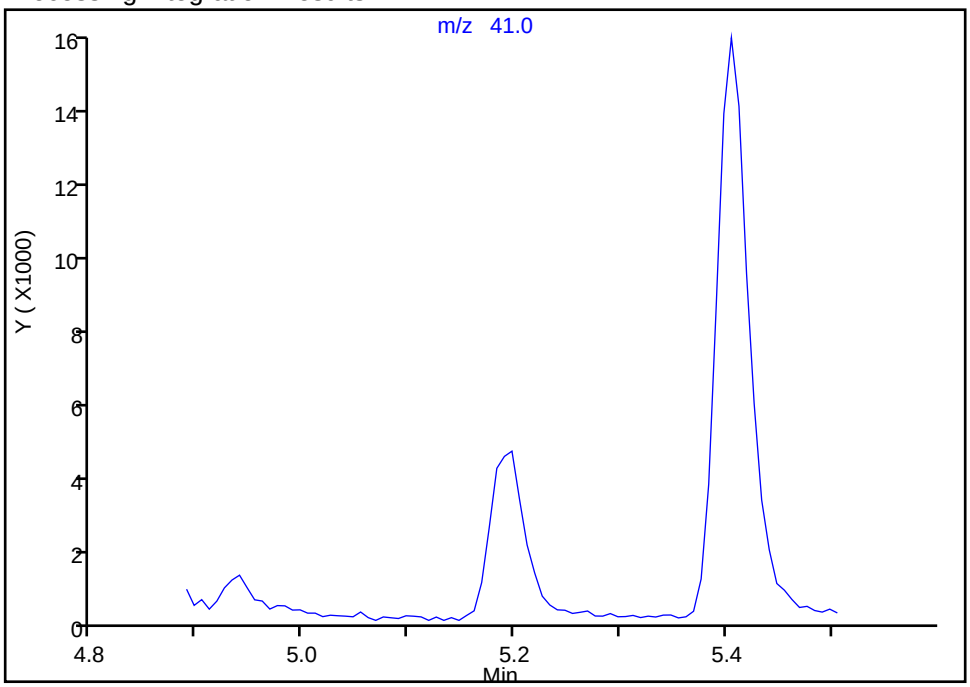
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79356.D
Injection Date: 04-Sep-2020 15:45:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

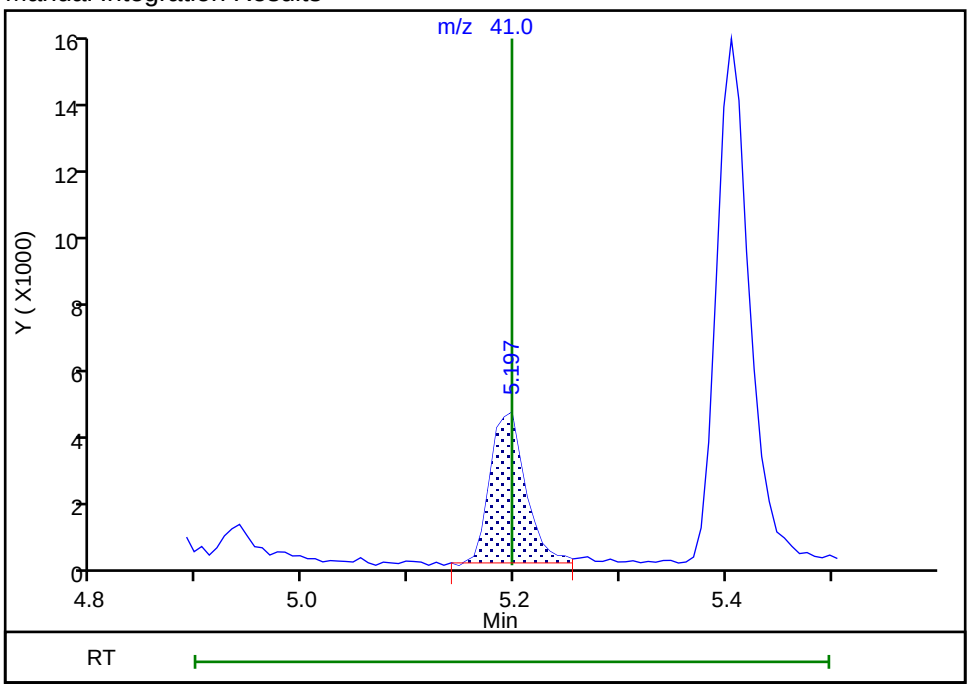
Not Detected
Expected RT: 5.20

Processing Integration Results



Manual Integration Results

RT: 5.20
Area: 10374
Amount: 33.892556
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:12:32
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Sep-2020 16:09:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0116303-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:38:49 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: starzecm Date: 04-Sep-2020 15:37:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.728	0.721	0.007	70	11186	50.0	44.7	
2 Chlorotrifluoroethene	116	0.757	0.756	0.001	88	41027	50.0	46.1	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	187202	50.0	48.9	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	93	83104	50.0	45.8	
5 Chlorodifluoromethane	67	0.821	0.814	0.007	97	25723	50.0	49.1	a
6 Chloromethane	50	0.893	0.892	0.001	98	265854	50.0	49.8	
8 Butadiene	54	0.893	0.892	0.001	92	180254	50.0	50.7	
7 Vinyl chloride	62	0.893	0.892	0.001	56	195179	50.0	49.9	
9 Bromomethane	94	1.036	1.036	0.000	99	74861	50.0	47.0	
10 Chloroethane	64	1.093	1.093	0.000	99	106827	50.0	51.4	
11 Pentane	72	1.150	1.150	0.000	96	47651	100.0	93.6	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	61	183391	50.0	51.4	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	243460	50.0	50.7	
14 2-Methyl-1,3-butadiene	67	1.287	1.286	0.001	96	205064	50.0	49.9	
15 Ethyl ether	59	1.294	1.294	0.000	92	96289	50.0	50.2	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	75	180162	50.0	48.3	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	124171	50.0	48.6	
16 Ethanol	46	1.408	1.408	0.000	76	18644	2000.0	1899.7	a
19 Carbon disulfide	76	1.408	1.408	0.000	99	480480	50.0	48.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.416	1.408	0.008	92	119706	50.0	47.9	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.416	1.415	0.001	92	190942	50.0	49.4	
22 Iodomethane	142	1.466	1.466	0.000	95	162100	50.0	40.1	
23 Cyclopentene	67	1.537	1.537	0.000	96	346990	50.0	49.0	
24 Acrolein	56	1.559	1.559	0.000	96	22758	100.0	99.0	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	80220	50.0	49.2	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	43572	500.0	456.4	
27 Methylene Chloride	84	1.695	1.695	0.000	92	151225	50.0	49.1	
28 Acetone	43	1.716	1.716	0.000	87	109326	250.0	218.9	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	144381	50.0	49.4	
30 Methyl acetate	43	1.781	1.781	0.000	99	129401	100.0	112.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	89	34872	50.0	49.5	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	88	302014	50.0	50.6	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	99	118290	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	100	63871	500.0	492.7	
35 Acetonitrile	41	1.981	1.981	0.000	100	119206	500.0	504.0	
36 Isopropyl ether	45	2.053	2.053	0.000	98	479907	50.0	51.3	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	90	134890	50.0	50.4	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	267263	50.0	49.3	
39 Acrylonitrile	53	2.153	2.153	0.000	94	349337	500.0	497.2	
40 Tert-butyl ethyl ether	59	2.282	2.275	0.007	89	393578	50.0	51.1	
41 Vinyl acetate	43	2.282	2.282	0.000	100	414482	100.0	99.4	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	152965	50.0	47.3	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	99	183711	50.0	50.0	
44 Cyclohexane	56	2.583	2.583	0.000	92	262475	50.0	48.3	
45 Chlorobromomethane	128	2.590	2.590	0.000	90	69379	50.0	49.1	
46 Chloroform	83	2.648	2.647	0.001	99	241017	50.0	49.6	
47 Carbon tetrachloride	117	2.734	2.733	0.001	98	139102	50.0	48.5	
48 Ethyl acetate	70	2.748	2.748	0.000	98	20943	100.0	103.8	
49 Methyl acrylate	55	2.748	2.748	0.000	58	79700	50.0	52.1	
50 Tetrahydrofuran	42	2.755	2.755	0.000	95	69916	100.0	99.4	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	97	120630	50.0	49.4	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	98	197131	50.0	50.5	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	99	155624	250.0	250.0	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	98	202888	50.0	48.1	
54 2-Butanone (MEK)	72	2.870	2.869	0.001	100	55843	250.0	245.6	
56 Isooctane	57	2.956	2.955	0.001	99	398266	50.0	46.5	
57 n-Heptane	57	3.049	3.049	0.000	92	99655	50.0	47.4	
58 Benzene	78	3.056	3.056	0.000	96	623917	50.0	50.1	
59 Propionitrile	54	3.077	3.077	0.000	97	130125	500.0	518.4	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	404787	500.0	519.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	130501	50.0	53.2	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	330913	50.0	51.6	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	155414	50.0	49.0	
64 Isobutyl alcohol	43	3.292	3.292	0.000	95	75173	1250.0	1188.5	
65 t-Amyl alcohol	59	3.357	3.357	0.000	96	49048	500.0	477.8	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	567446	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	189901	50.0	52.7	
68 Methylcyclohexane	83	3.514	3.507	0.007	96	245162	50.0	49.0	
69 Trichloroethene	130	3.536	3.536	0.000	98	153554	50.0	50.1	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	318350	50.0	50.4	
71 Dibromomethane	93	3.894	3.894	0.000	96	69397	50.0	50.8	
72 n-Butanol	56	3.915	3.915	0.000	88	44814	1250.0	1136.4	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	93	157156	50.0	51.2	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	172749	50.0	51.3	
74 Ethyl acrylate	55	4.066	4.066	0.000	68	111737	50.0	52.9	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	73	15812	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	92	48928	100.0	107.1	
78 1,4-Dioxane	88	4.266	4.273	-0.007	96	18706	1000.0	1025.8	
79 n-Propyl acetate	43	4.417	4.417	0.000	100	123542	50.0	53.6	
80 2-Chloroethyl vinyl ether	63	4.668	4.675	-0.007	96	27833	50.1	47.9	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	217536	50.0	53.3	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	511255	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.933	4.940	-0.007	93	633484	50.0	50.0	
84 Epichlorohydrin	57	4.968	4.983	-0.015	100	52334	1000.0	920.4	a
85 2-Nitropropane	41	5.190	5.197	-0.007	98	30161	100.0	99.0	a
86 Tetrachloroethene	166	5.355	5.362	-0.007	98	148555	50.0	49.8	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	95	415853	250.0	258.3	
88 trans-1,3-Dichloropropene	75	5.434	5.441	-0.007	94	175032	50.0	54.0	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	88686	50.0	51.4	
90 Ethyl methacrylate	69	5.692	5.699	-0.007	90	127890	50.0	53.1	
91 Chlorodibromomethane	129	5.799	5.799	0.000	98	112017	50.0	50.3	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	187991	50.0	52.3	
93 Ethylene Dibromide	107	6.043	6.050	-0.007	99	99746	50.0	53.8	
94 n-Butyl acetate	43	6.394	6.401	-0.007	99	129286	50.0	52.0	
95 2-Hexanone	43	6.451	6.458	-0.007	95	289479	250.0	267.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	399105	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	396659	50.0	50.0	
98 Ethylbenzene	106	6.831	6.831	0.000	98	222648	50.0	50.1	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	130225	50.0	53.0	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	272822	50.0	52.3	
101 o-Xylene	106	7.626	7.626	0.000	95	267785	50.0	50.8	
102 Bromoform	173	7.690	7.690	0.000	96	65010	50.0	51.7	
103 Styrene	104	7.712	7.719	-0.007	96	444655	50.0	52.7	
104 n-Butyl acrylate	73	8.048	8.056	-0.008	97	73809	50.0	51.1	
105 Isopropylbenzene	105	8.106	8.113	-0.007	95	692109	50.0	50.6	
106 Amyl acetate (mixed isomers)	43	8.464	8.471	-0.007	90	176787	50.0	53.0	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	92	165058	50.0	51.1	
108 Bromobenzene	156	8.586	8.586	0.000	98	169325	50.0	50.9	
109 N-Propylbenzene	91	8.736	8.743	-0.007	99	845216	50.0	50.8	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	98	120554	50.0	52.3	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	561931	50.0	49.0	
112 4-Ethyltoluene	105	8.930	8.929	0.001	98	693783	50.0	50.2	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	99	32185	50.0	52.8	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	581260	50.0	50.4	
115 trans-1,4-Dichloro-2-butene	53	9.152	9.166	-0.014	39	21533	50.0	48.9	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	514860	50.0	51.1	
117 tert-Butylbenzene	119	9.546	9.545	0.001	95	497969	50.0	49.9	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	600215	50.0	50.4	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	171118	50.0	52.0	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	756973	50.0	50.0	
121 1,3-Dichlorobenzene	146	10.090	10.097	-0.007	98	333939	50.0	50.8	
122 4-Isopropyltoluene	119	10.119	10.118	0.001	98	647792	50.0	50.7	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	224980	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.248	10.247	0.001	96	342051	50.0	49.5	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	609921	50.0	50.6	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	95	586285	50.0	50.1	
127 Benzyl chloride	126	10.706	10.713	-0.007	98	40821	50.0	55.8	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	325177	50.0	50.5	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	594378	50.0	51.0	
130 1,2-Dichlorobenzene	146	10.914	10.921	-0.007	97	307828	50.0	51.2	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	594174	50.0	53.0	
132 1,2-Dibromo-3-Chloropropane	157	12.067	12.074	-0.007	95	21742	50.0	56.6	
133 1,3,5-Trichlorobenzene	180	12.117	12.124	-0.007	98	250860	50.0	52.6	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	209542	50.0	52.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.841	12.840	0.001	97	85054	50.0	48.1	
136 Naphthalene	128	13.120	13.127	-0.007	100	367710	50.0	49.8	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	166305	50.0	50.8	
S 138 1,2-Dichloroethene, Total	100				0		100.0	96.8	
S 139 1,3-Dichloropropene, Total	100				0		100.0	107.2	
S 140 Xylenes, Total	100				0		100.0	103.1	
S 142 Total BTEX	1				0		250.0	253.3	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added: 50.00	Units: uL		
ACROLEIN W_00112	Amount Added: 10.00	Units: uL		
GASES Li_00384	Amount Added: 50.00	Units: uL		
524freon_00027	Amount Added: 50.00	Units: uL		
8260ISNEW_00129	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00212	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 10-Sep-2020 10:38:54 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D

Injection Date: 04-Sep-2020 16:09:30 Instrument ID: CVOAMS13 Operator ID:

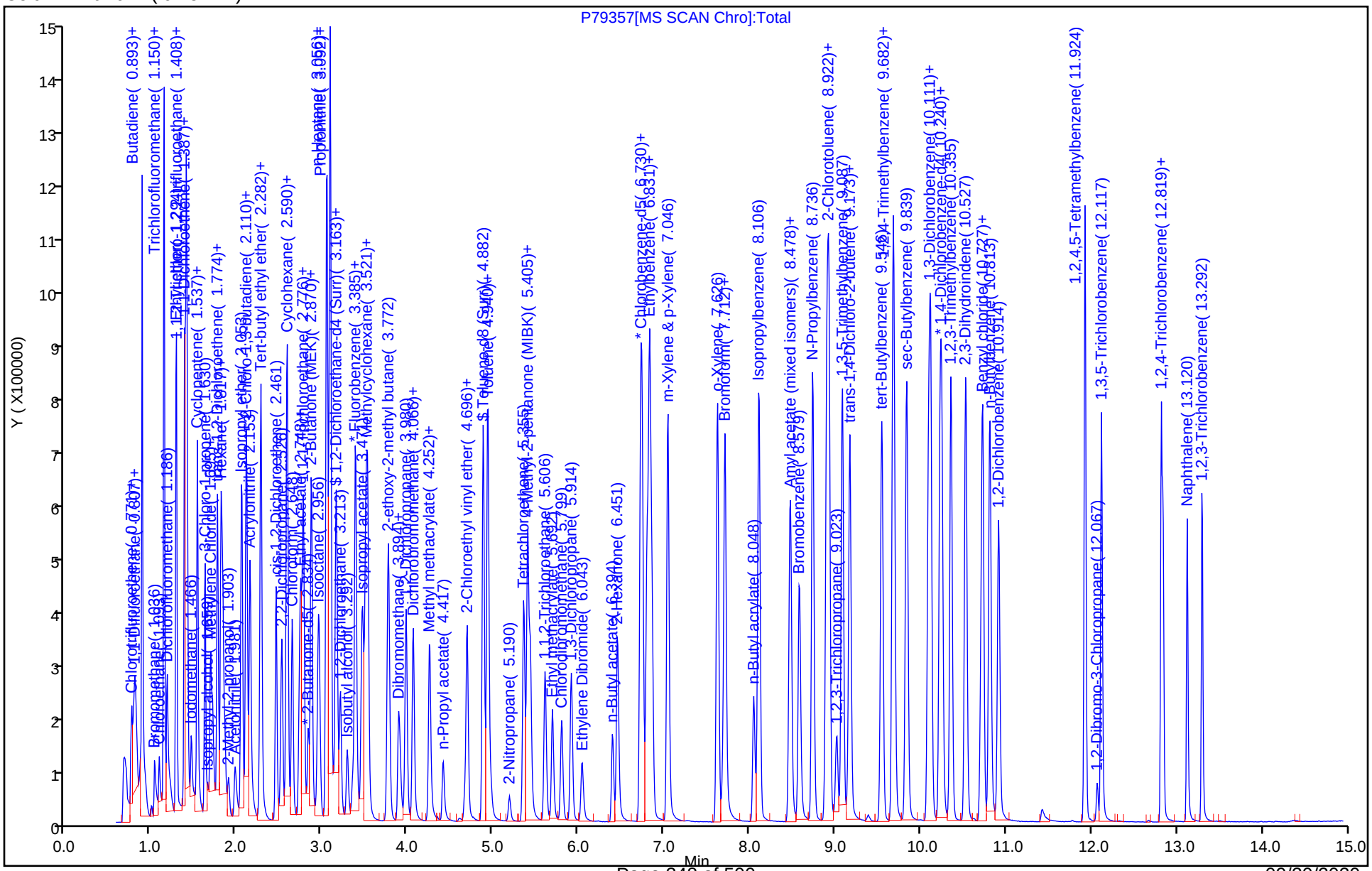
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

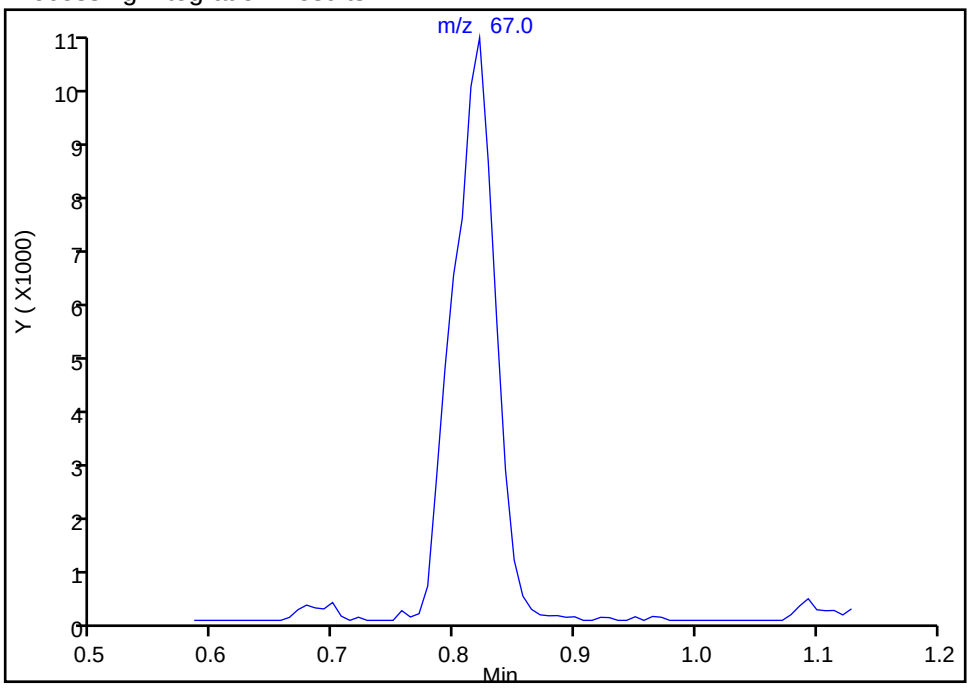
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D
Injection Date: 04-Sep-2020 16:09:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

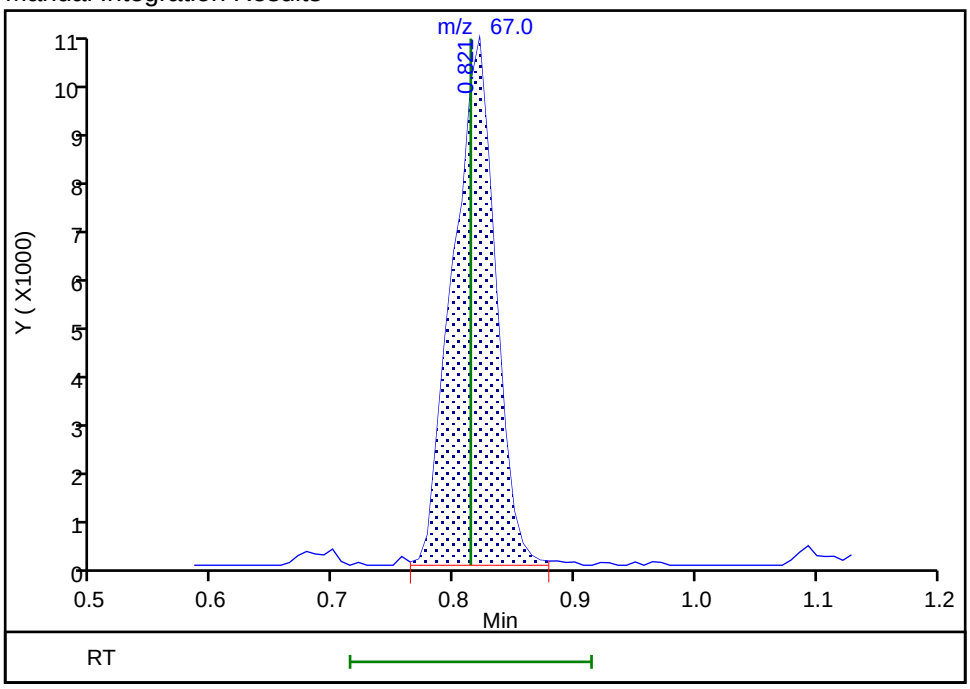
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.82
Area: 25723
Amount: 49.087229
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 15:37:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

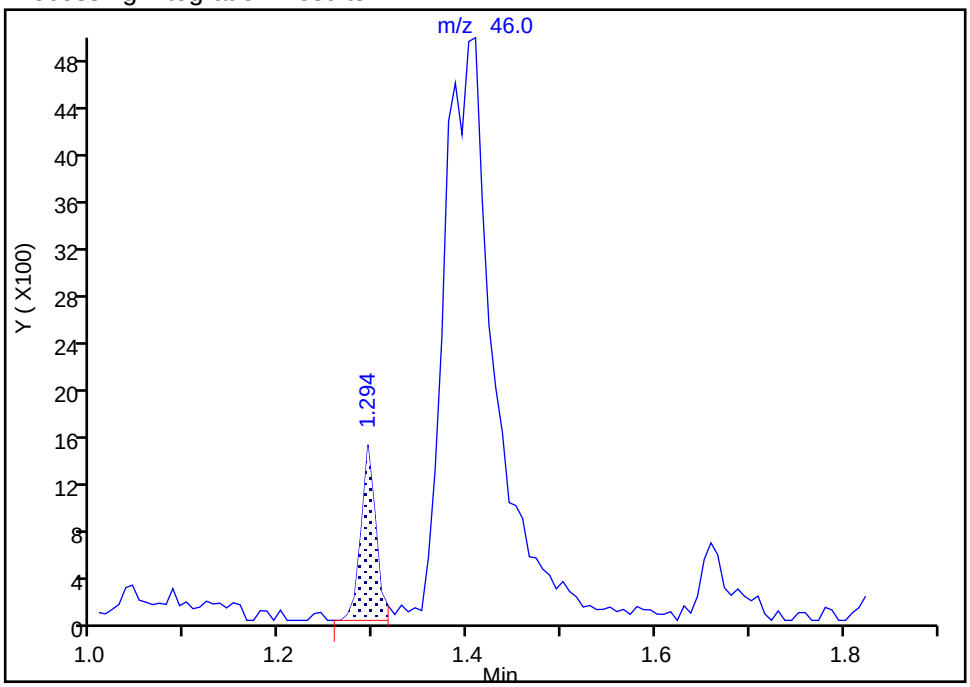
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D
Injection Date: 04-Sep-2020 16:09:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

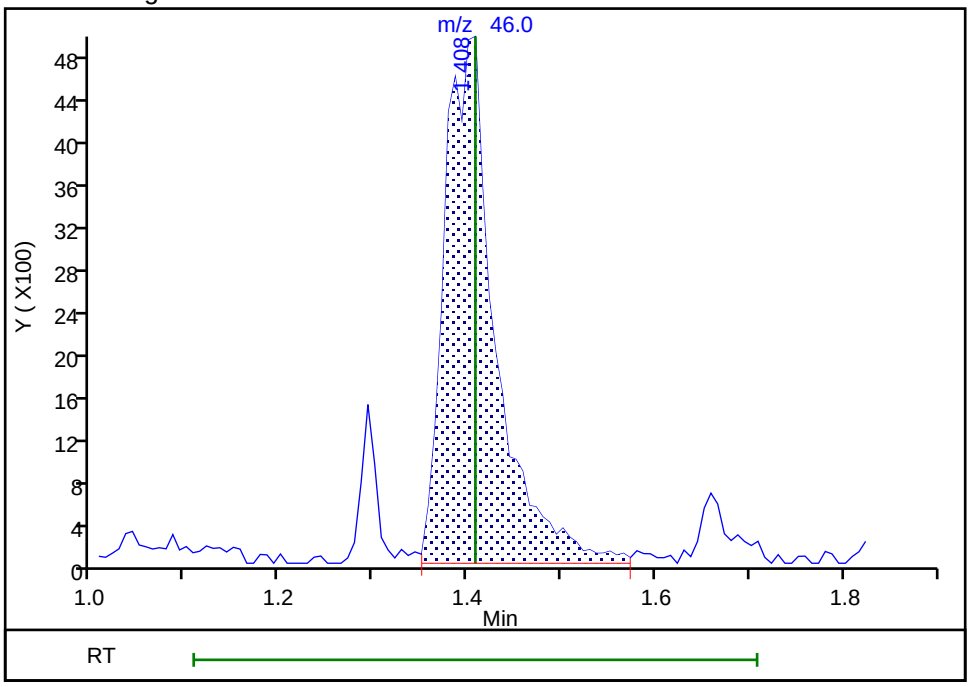
Processing Integration Results

RT: 1.29
Area: 1638
Amount: 264.0425
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 18644
Amount: 1899.6662
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:12:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

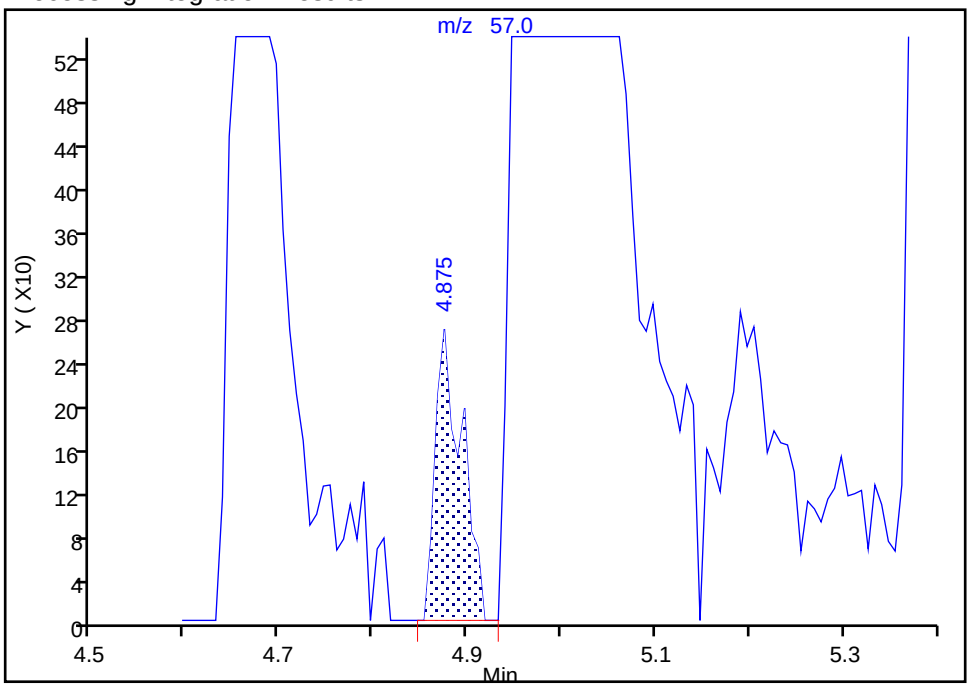
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D
Injection Date: 04-Sep-2020 16:09:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

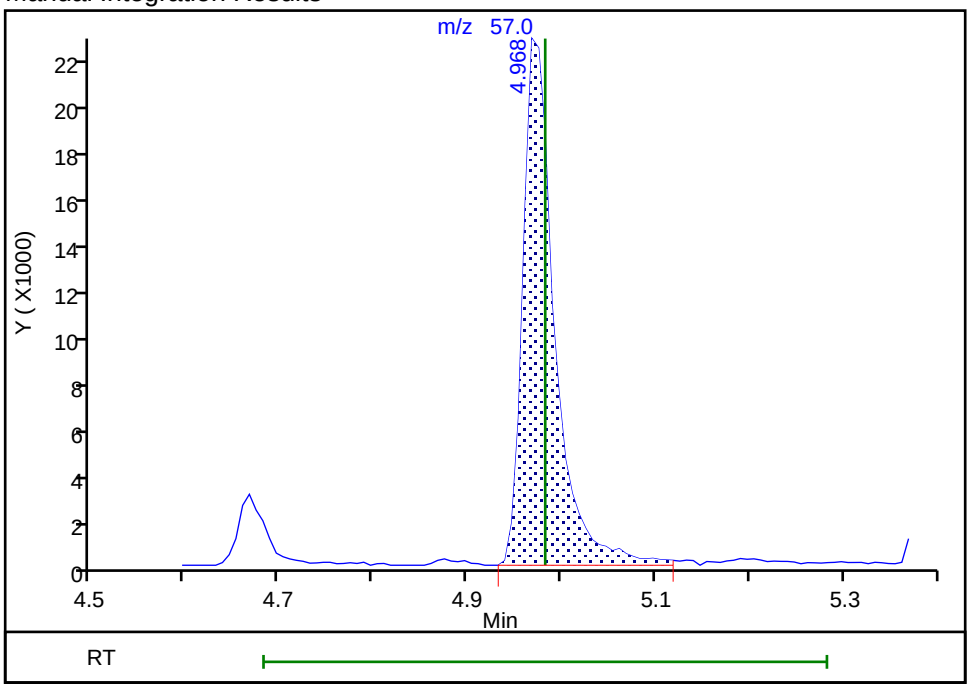
Processing Integration Results

RT: 4.88
Area: 526
Amount: 13.690616
Amount Units: ug/l



Manual Integration Results

RT: 4.97
Area: 52334
Amount: 920.3729
Amount Units: ug/l



Reviewer: starzecm, 04-Sep-2020 15:37:20
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

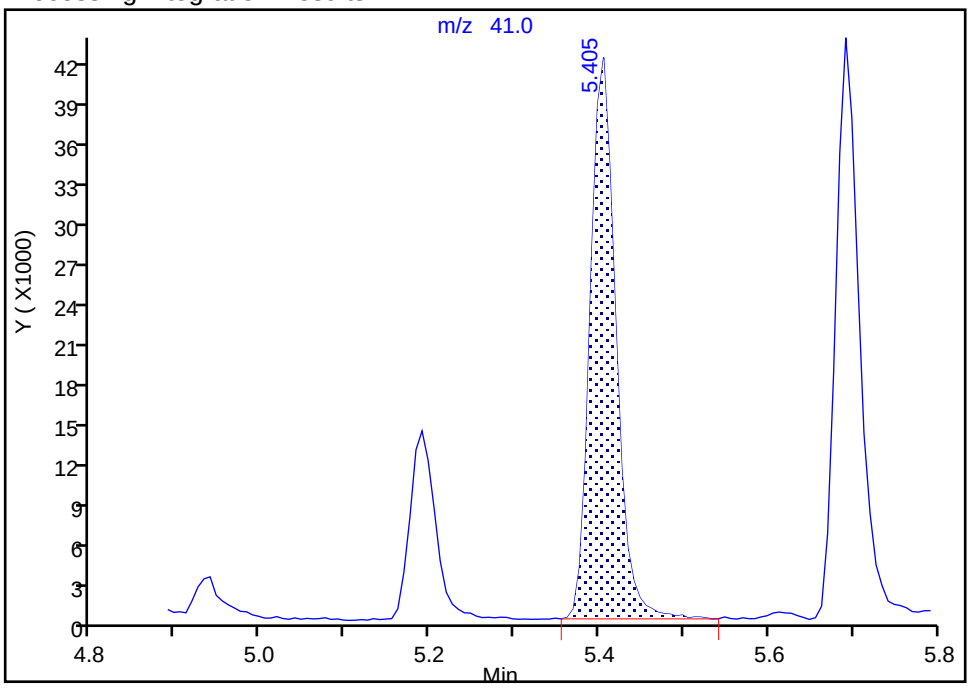
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79357.D
Injection Date: 04-Sep-2020 16:09:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

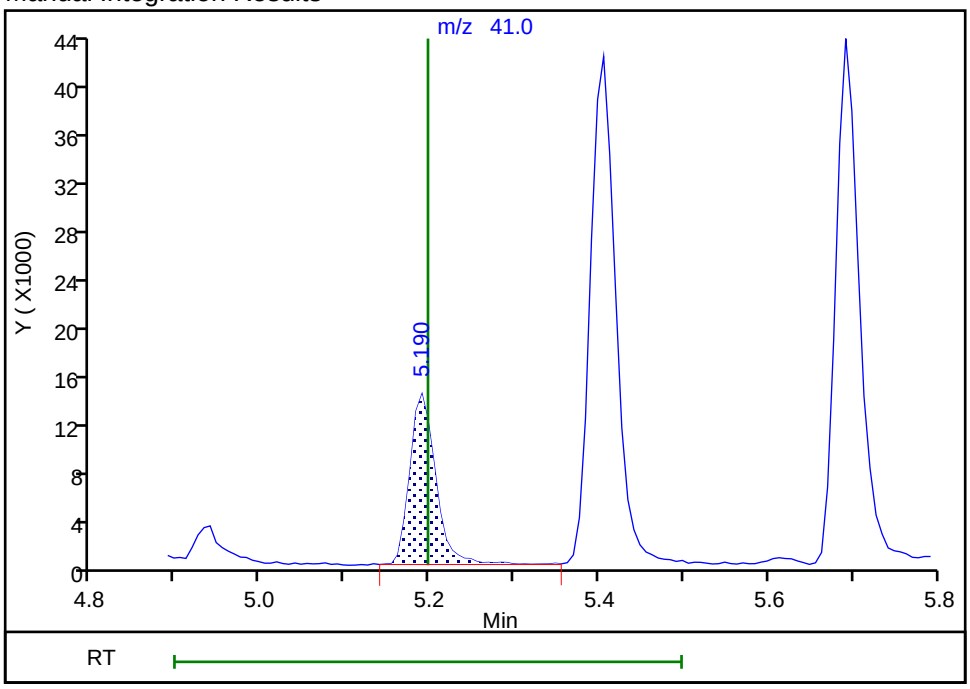
Processing Integration Results

RT: 5.41
Area: 88418
Amount: 96.765381
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 30161
Amount: 99.048205
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:08:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Sep-2020 16:33:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0116303-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:39:08 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: boykink Date: 05-Sep-2020 00:16:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.728	0.721	0.007	68	55399	200.0	210.9	a
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	87	213205	200.0	228.1	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	842683	200.0	209.9	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	93	346160	200.0	181.9	
5 Chlorodifluoromethane	67	0.821	0.814	0.007	97	104936	200.0	190.8	a
6 Chloromethane	50	0.892	0.892	0.000	97	1115644	200.0	199.1	
8 Butadiene	54	0.892	0.892	0.000	94	773489	200.0	207.3	
7 Vinyl chloride	62	0.892	0.892	0.000	86	816164	200.0	198.8	
9 Bromomethane	94	1.036	1.036	0.000	99	381620	200.0	233.0	
10 Chloroethane	64	1.093	1.093	0.000	99	437022	200.0	200.3	
11 Pentane	72	1.150	1.150	0.000	96	213875	400.0	425.3	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	98	791377	200.0	211.2	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	988703	200.0	196.2	
14 2-Methyl-1,3-butadiene	67	1.286	1.286	0.000	96	896070	200.0	207.8	
15 Ethyl ether	59	1.294	1.294	0.000	95	408174	200.0	202.9	
17 1,1-Dichloroethene	96	1.394	1.387	0.007	97	550740	200.0	205.5	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	83	778229	200.0	198.9	
16 Ethanol	46	1.408	1.408	0.000	80	72547	8000.0	7484.5	a
19 Carbon disulfide	76	1.408	1.408	0.000	99	2105421	200.0	200.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	56	554137	200.0	211.3	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.415	1.415	0.000	92	822579	200.0	202.7	
22 Iodomethane	142	1.466	1.466	0.000	96	876527	200.0	204.9	
23 Cyclopentene	67	1.537	1.537	0.000	96	1489341	200.0	200.6	
24 Acrolein	56	1.566	1.559	0.007	93	51820	200.0	228.3	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	356679	200.0	208.2	
26 Isopropyl alcohol	45	1.659	1.659	0.000	98	179401	2000.0	1902.5	
27 Methylene Chloride	84	1.695	1.695	0.000	91	631304	200.0	195.4	
28 Acetone	43	1.716	1.716	0.000	88	475188	1000.0	1016.0	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	615832	200.0	200.9	
30 Methyl acetate	43	1.781	1.781	0.000	99	427833	400.0	375.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	-0.001	90	163677	200.0	221.3	
32 Methyl tert-butyl ether	73	1.831	1.838	-0.007	87	1267437	200.0	202.1	
* 33 TBA-d9 (IS)	65	1.859	1.860	-0.001	99	116827	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.902	1.902	0.000	100	257906	2000.0	2000.8	
35 Acetonitrile	41	1.981	1.981	0.000	99	448269	2000.0	1919.0	
36 Isopropyl ether	45	2.053	2.053	0.000	97	2009218	200.0	204.7	
37 2-Chloro-1,3-butadiene	88	2.103	2.110	-0.007	90	579320	200.0	206.2	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	1136397	200.0	199.7	
39 Acrylonitrile	53	2.160	2.153	0.007	94	1488785	2000.0	2019.1	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	1673940	200.0	206.9	
41 Vinyl acetate	43	2.282	2.282	0.000	100	1826519	400.0	417.2	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	678589	200.0	200.1	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	775196	200.0	201.2	
44 Cyclohexane	56	2.583	2.583	0.000	92	1199483	200.0	210.5	
45 Chlorobromomethane	128	2.590	2.590	0.000	91	302079	200.0	203.8	
46 Chloroform	83	2.647	2.647	0.000	99	1022953	200.0	200.5	
47 Carbon tetrachloride	117	2.733	2.733	0.000	98	642971	200.0	213.8	
48 Ethyl acetate	70	2.748	2.748	0.000	99	87559	400.0	422.1	
49 Methyl acrylate	55	2.748	2.748	0.000	85	344589	200.0	214.4	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	291683	400.0	403.1	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	99	844830	200.0	206.0	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	97	128526	50.0	50.1	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	98	160047	250.0	250.0	
55 1,1-Dichloropropene	75	2.869	2.869	0.000	97	876224	200.0	200.8	
54 2-Butanone (MEK)	72	2.869	2.869	0.000	100	242797	1000.0	1038.2	
56 Isooctane	57	2.955	2.955	0.000	99	1958645	200.0	217.8	
57 n-Heptane	57	3.049	3.049	0.000	93	472746	200.0	214.1	
58 Benzene	78	3.056	3.056	0.000	96	2668664	200.0	200.1	
59 Propionitrile	54	3.084	3.077	0.007	96	525916	2000.0	2121.5	
60 Methacrylonitrile	67	3.092	3.092	0.000	92	1667489	2000.0	2039.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	121939	50.0	47.4	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	1415698	200.0	210.3	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	645223	200.0	193.9	
64 Isobutyl alcohol	43	3.292	3.292	0.000	95	332754	5000.0	5327.0	
65 t-Amyl alcohol	59	3.357	3.357	0.000	98	218748	2000.0	2157.7	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	595538	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	761069	200.0	201.4	
68 Methylcyclohexane	83	3.514	3.507	0.007	97	1142664	200.0	217.4	
69 Trichloroethene	130	3.536	3.536	0.000	98	669215	200.0	208.2	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	1434376	200.0	216.2	
71 Dibromomethane	93	3.887	3.894	-0.007	97	292356	200.0	203.9	
72 n-Butanol	56	3.908	3.915	-0.007	88	207653	5000.0	5052.2	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	664337	200.0	206.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	736764	200.0	208.6	
74 Ethyl acrylate	55	4.059	4.066	-0.007	98	499304	200.0	211.1	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	73	16172	1000.0	1000.0	
77 Methyl methacrylate	100	4.252	4.259	-0.007	93	213231	400.0	444.9	
78 1,4-Dioxane	88	4.259	4.273	-0.014	96	72363	4000.0	3879.9	
79 n-Propyl acetate	43	4.410	4.417	-0.007	99	536909	200.0	221.8	
80 2-Chloroethyl vinyl ether	63	4.667	4.675	-0.008	97	146693	200.5	240.8	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	953812	200.0	218.3	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	551075	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.940	4.940	0.000	93	2721314	200.0	200.8	
84 Epichlorohydrin	57	4.968	4.983	-0.015	99	287832	4000.0	4035.2	a
85 2-Nitropropane	41	5.190	5.197	-0.007	96	134976	400.0	422.3	a
86 Tetrachloroethene	166	5.355	5.362	-0.007	98	651928	200.0	204.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	95	1775270	1000.0	1072.2	
88 trans-1,3-Dichloropropene	75	5.434	5.441	-0.007	95	776364	200.0	223.6	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	382089	200.0	206.7	
90 Ethyl methacrylate	69	5.692	5.699	-0.007	90	565187	200.0	223.5	
91 Chlorodibromomethane	129	5.799	5.799	0.000	98	501890	200.0	210.5	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	95	779411	200.0	202.6	
93 Ethylene Dibromide	107	6.036	6.050	-0.014	98	429394	200.0	216.2	
94 n-Butyl acetate	43	6.394	6.401	-0.007	99	605244	200.0	214.9	
95 2-Hexanone	43	6.451	6.458	-0.007	95	1247693	1000.0	1122.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	87	427242	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	1705190	200.0	200.9	
98 Ethylbenzene	106	6.831	6.831	0.000	98	955498	200.0	200.8	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	555386	200.0	211.3	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	1187799	200.0	212.8	
101 o-Xylene	106	7.626	7.626	0.000	95	1140173	200.0	201.9	
102 Bromoform	173	7.690	7.690	0.000	96	285754	200.0	212.1	
103 Styrene	104	7.712	7.719	-0.007	97	1891908	200.0	209.4	
104 n-Butyl acrylate	73	8.048	8.056	-0.008	97	343856	200.0	211.2	
105 Isopropylbenzene	105	8.113	8.113	0.000	95	2943384	200.0	201.0	
106 Amyl acetate (mixed isomers)	43	8.464	8.471	-0.007	90	774550	200.0	210.7	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	92	170465	50.0	49.3	
108 Bromobenzene	156	8.586	8.586	0.000	98	709661	200.0	206.9	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	3601702	200.0	209.9	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	492837	200.0	207.1	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	2380971	200.0	201.3	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	2979644	200.0	208.9	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	99	134903	200.0	214.4	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	2494661	200.0	209.6	
115 trans-1,4-Dichloro-2-butene	53	9.151	9.166	-0.015	90	111606	200.0	245.6	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	2189374	200.0	210.7	
117 tert-Butylbenzene	119	9.553	9.545	0.008	95	2119520	200.0	205.9	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	2562120	200.0	208.7	
119 Butyl Methacrylate	87	9.696	9.696	0.000	93	778176	200.0	210.6	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	3204917	200.0	205.1	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	1421890	200.0	209.8	
122 4-Isopropyltoluene	119	10.126	10.118	0.008	98	2753070	200.0	208.8	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	232080	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.255	10.247	0.008	96	1415792	200.0	198.5	
125 1,2,3-Trimethylbenzene	105	10.362	10.355	0.007	98	2519702	200.0	202.6	
126 2,3-Dihydroindene	117	10.534	10.527	0.007	95	2434293	200.0	201.7	
127 Benzyl chloride	126	10.706	10.713	-0.007	99	182937	200.0	214.6	
128 p-Diethylbenzene	119	10.734	10.727	0.007	94	1400739	200.0	210.9	
129 n-Butylbenzene	91	10.813	10.813	0.000	99	2516592	200.0	209.4	
130 1,2-Dichlorobenzene	146	10.914	10.921	-0.007	97	1296949	200.0	209.1	
131 1,2,4,5-Tetramethylbenzene	119	11.931	11.924	0.007	98	2479879	200.0	214.4	
132 1,2-Dibromo-3-Chloropropane	157	12.067	12.074	-0.007	95	84236	200.0	212.7	
133 1,3,5-Trichlorobenzene	180	12.117	12.124	-0.007	97	1014884	200.0	206.3	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	845782	200.0	204.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.840	12.840	0.000	97	366310	200.0	200.9	
136 Naphthalene	128	13.120	13.127	-0.007	100	1438478	200.0	188.9	
137 1,2,3-Trichlorobenzene	180	13.292	13.299	-0.007	96	672673	200.0	199.1	
S 138 1,2-Dichloroethene, Total	100				0		400.0	400.9	
S 139 1,3-Dichloropropene, Total	100				0		400.0	441.8	
S 140 Xylenes, Total	100				0		400.0	414.8	
S 142 Total BTEX	1				0		1000.0	1016.5	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	20.00	Units: uL	
GAS Hi_00370	Amount Added:	20.00	Units: uL	
8FreonHi_00023	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	20.00	Units: uL	
Ethanol mix_00043	Amount Added:	20.00	Units: uL	
MIX I Hi_00129	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:39:10 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D

Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13 Operator ID:

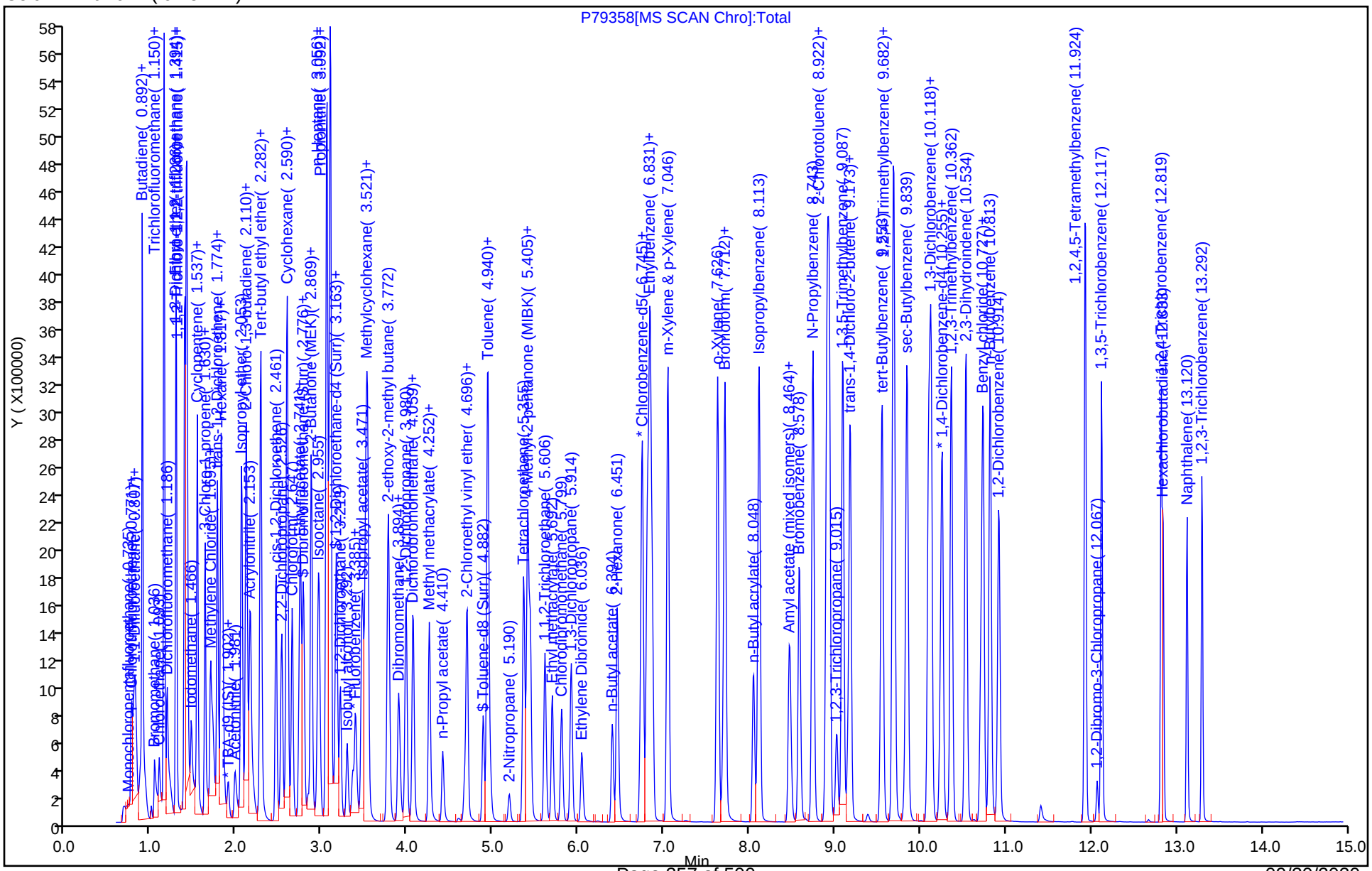
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

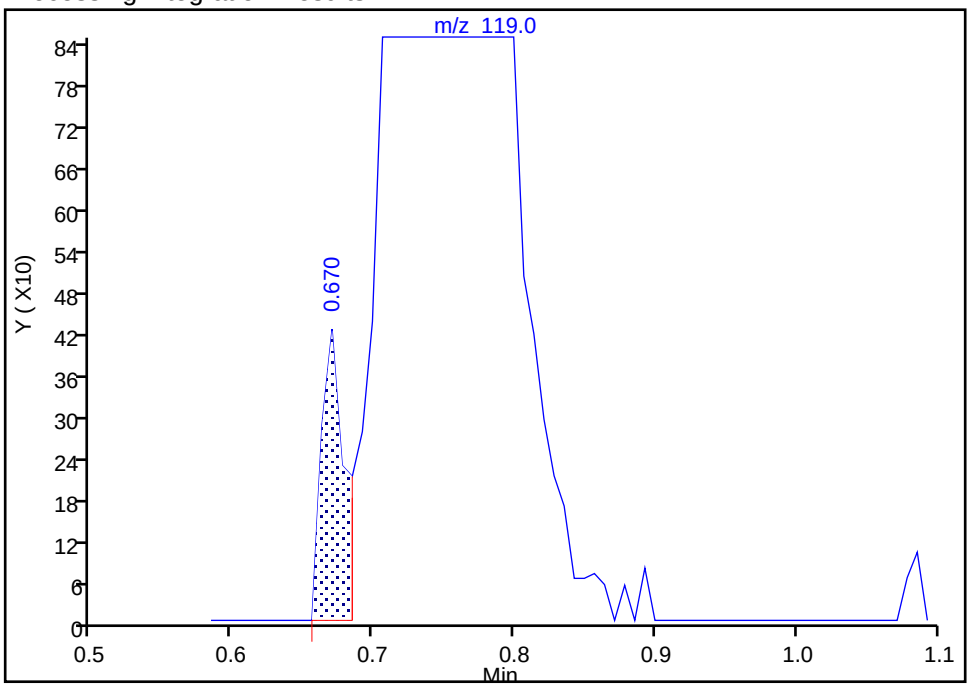
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

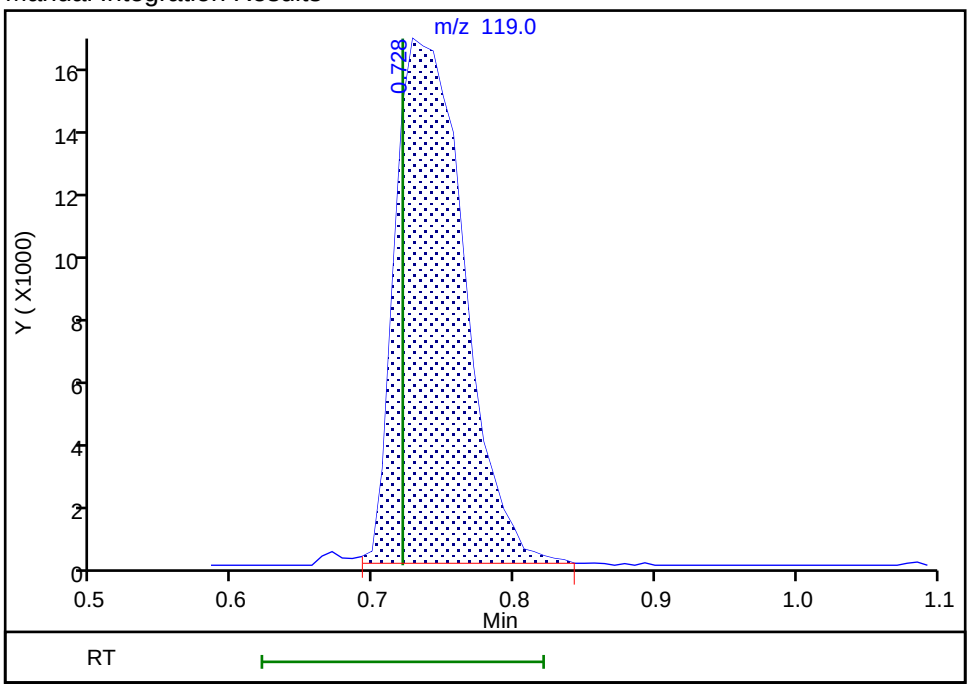
Processing Integration Results

RT: 0.67
Area: 490
Amount: 1.932448
Amount Units: ug/l



Manual Integration Results

RT: 0.73
Area: 55399
Amount: 210.9307
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:13:07
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

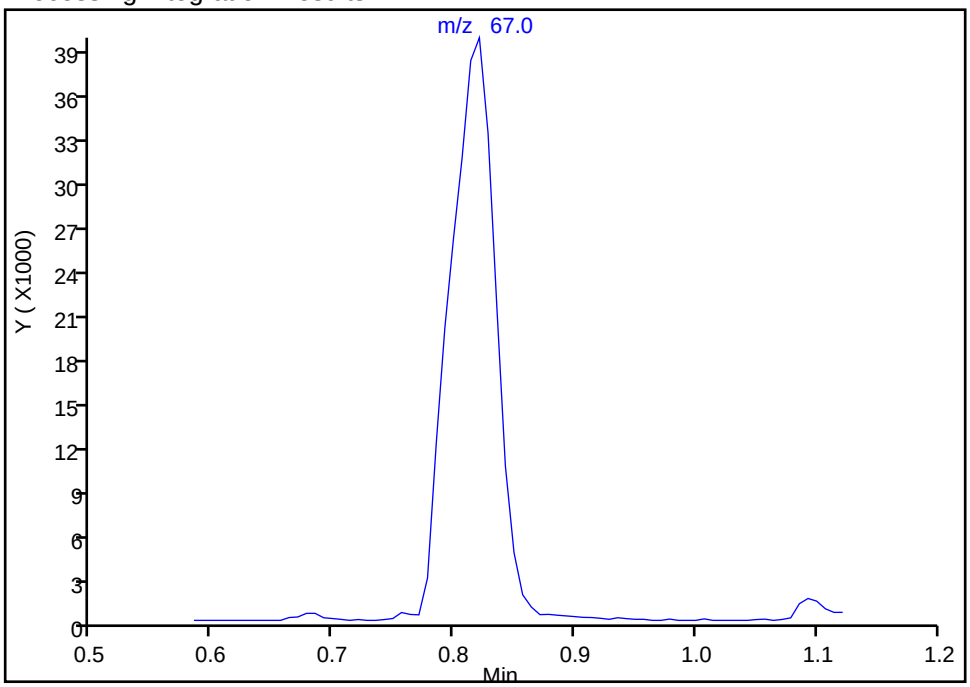
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

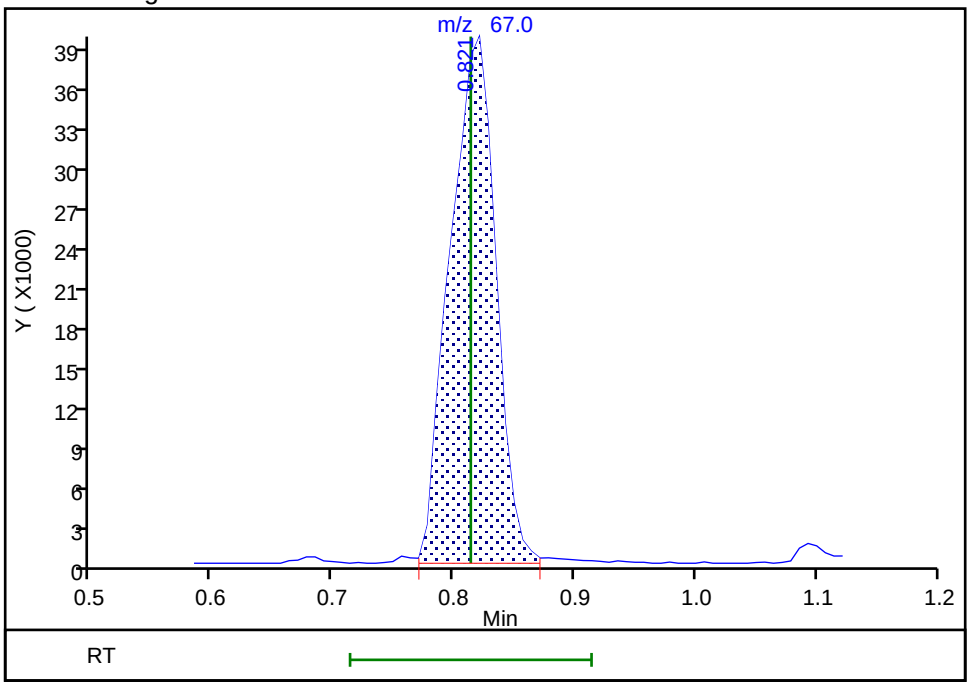
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.82
Area: 104936
Amount: 190.8036
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:13:13
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

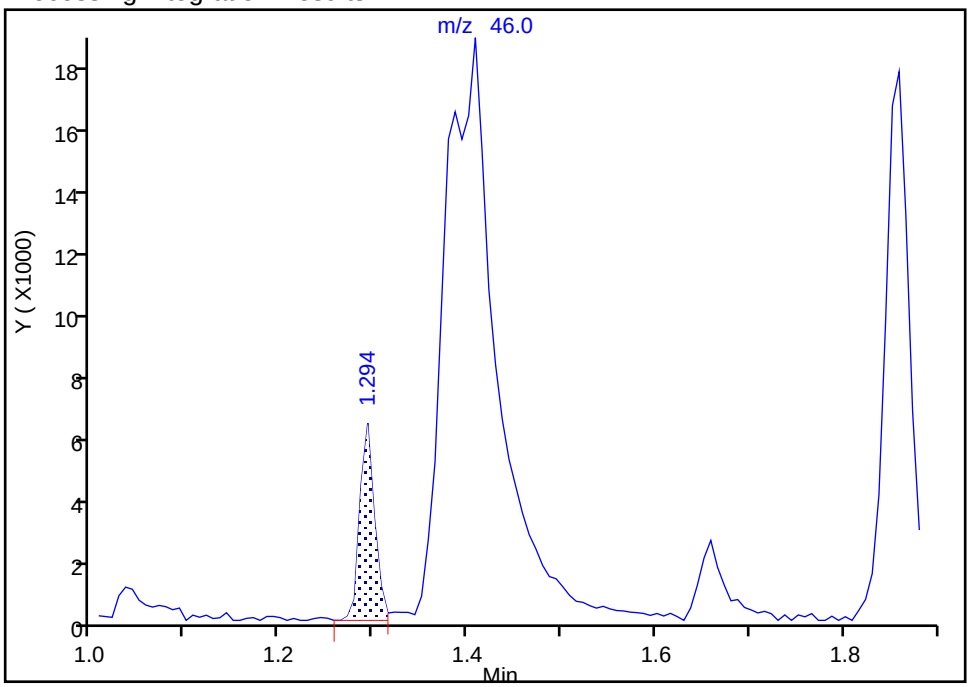
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

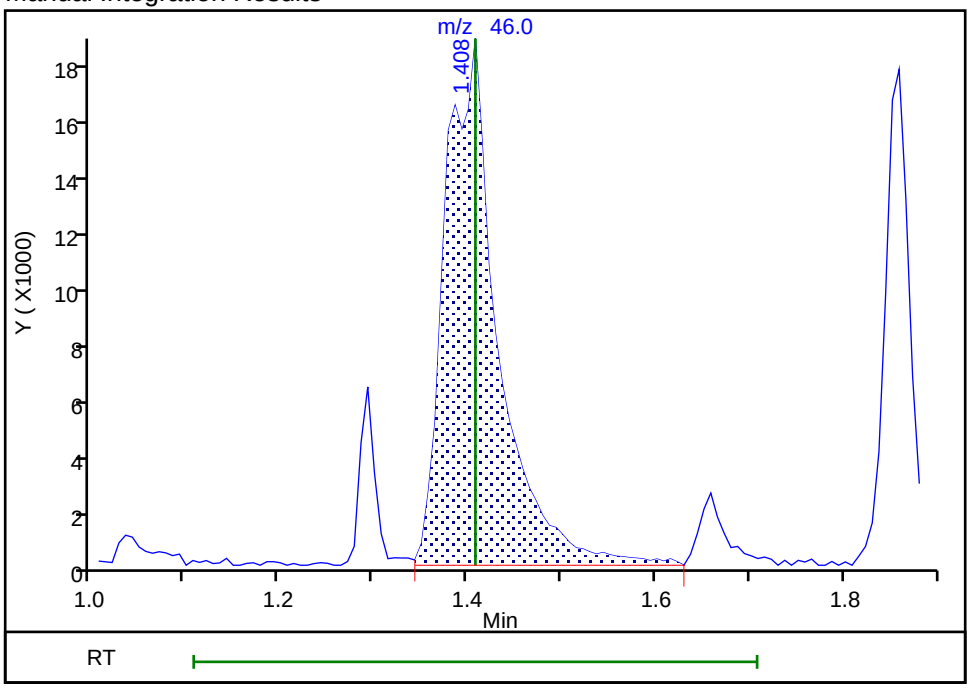
Processing Integration Results

RT: 1.29
Area: 6843
Amount: 934.0051
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 72547
Amount: 7484.4943
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:13:21
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

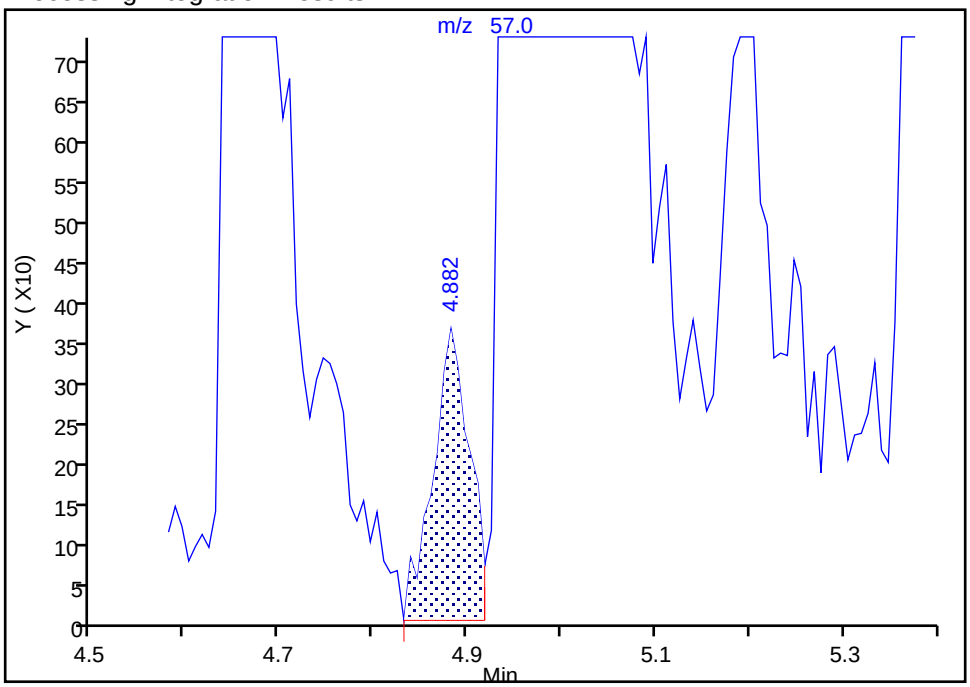
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

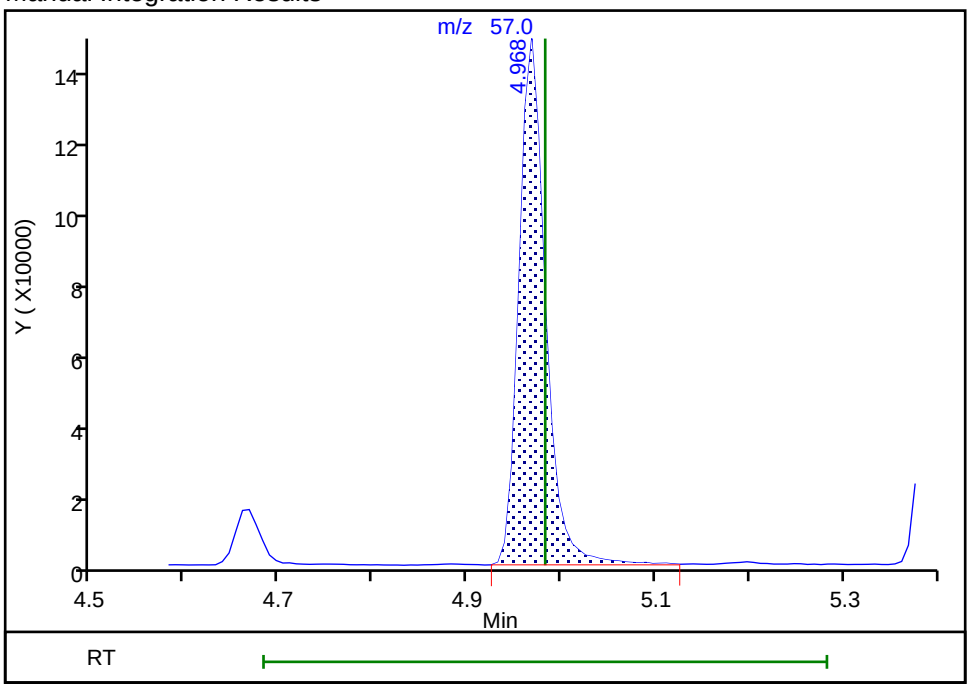
Processing Integration Results

RT: 4.88
Area: 983
Amount: 26.899773
Amount Units: ug/l



Manual Integration Results

RT: 4.97
Area: 287832
Amount: 4035.1740
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:16:02
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

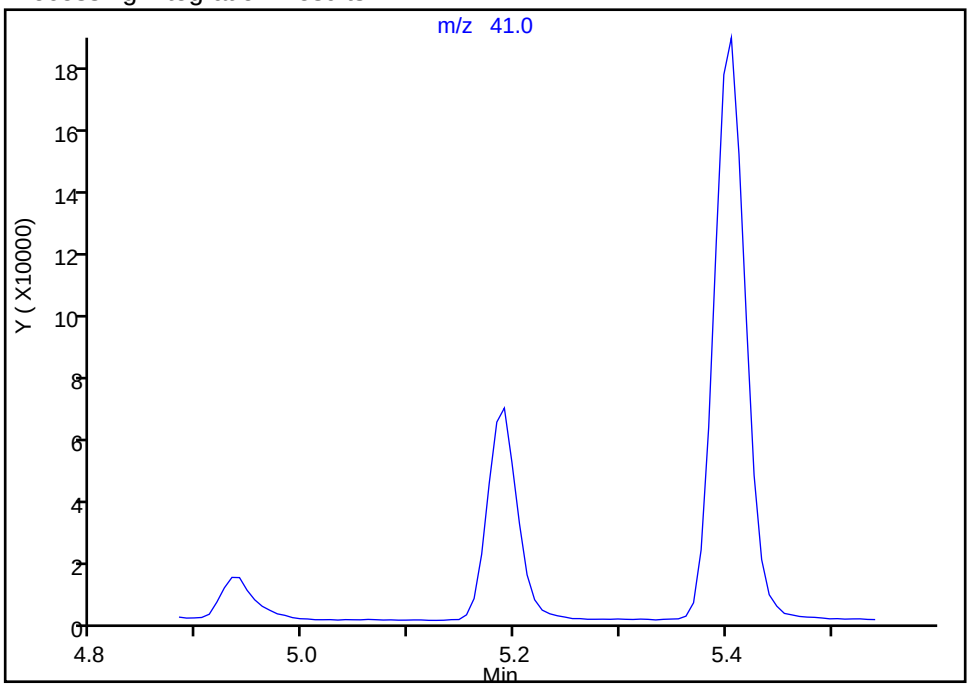
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79358.D
Injection Date: 04-Sep-2020 16:33:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

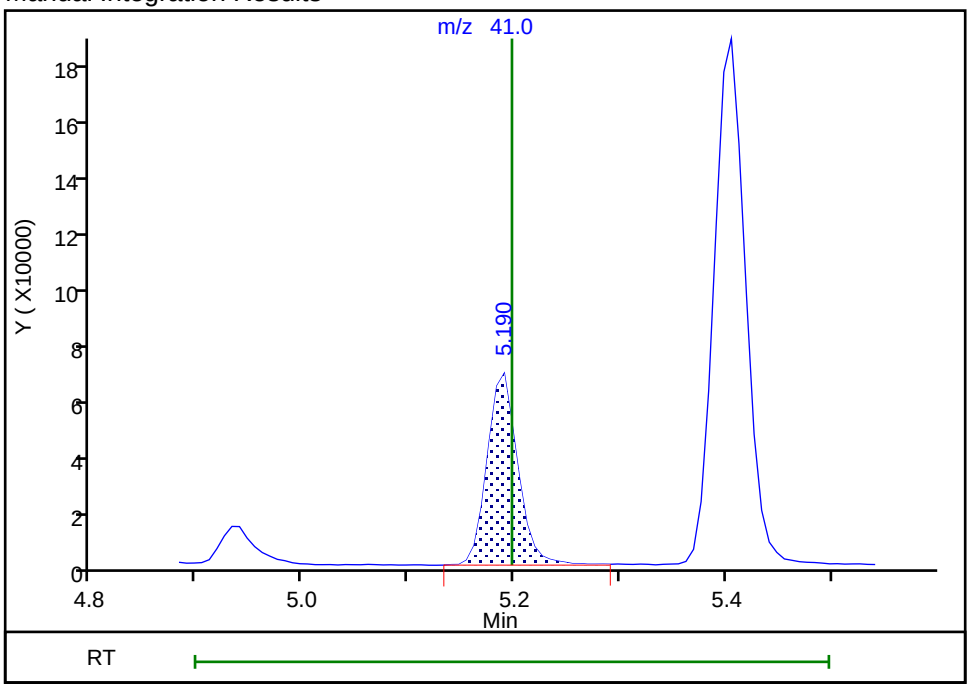
Not Detected
Expected RT: 5.20

Processing Integration Results



Manual Integration Results

RT: 5.19
Area: 134976
Amount: 422.3500
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:10:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 04-Sep-2020 16:58:30 ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0116303-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:39:27 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: baronm Date: 05-Sep-2020 12:41:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.735	0.721	0.014	96	153563	500.0	561.9	a
2 Chlorotrifluoroethene	116	0.757	0.756	0.001	88	597178	500.0	613.9	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	2138983	500.0	512.0	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	95	915944	500.0	462.6	
5 Chlorodifluoromethane	67	0.821	0.814	0.007	97	286055	500.0	499.9	a
6 Chloromethane	50	0.893	0.892	0.001	99	2873454	500.0	492.7	
8 Butadiene	54	0.900	0.892	0.008	95	2024494	500.0	521.5	
7 Vinyl chloride	62	0.893	0.892	0.001	98	2102724	500.0	492.1	
9 Bromomethane	94	1.036	1.036	0.000	99	1058616	500.0	575.8	
10 Chloroethane	64	1.093	1.093	0.000	99	965466	500.0	425.3	
11 Pentane	72	1.143	1.150	-0.007	95	510382	1000.0	963.5	
12 Trichlorofluoromethane	101	1.158	1.150	0.008	97	2018986	500.0	517.7	
13 Dichlorofluoromethane	67	1.179	1.186	-0.007	98	2402602	500.0	458.2	
14 2-Methyl-1,3-butadiene	67	1.287	1.286	0.001	97	2379512	500.0	530.2	
15 Ethyl ether	59	1.294	1.294	0.000	94	1057648	500.0	505.3	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.394	1.387	0.007	89	2055897	500.0	505.1	
17 1,1-Dichloroethene	96	1.394	1.387	0.007	97	1418804	500.0	508.7	
16 Ethanol	46	1.408	1.408	0.000	35	192362	20000	18839	a
19 Carbon disulfide	76	1.416	1.408	0.008	100	5398702	500.0	494.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	91	1408561	500.0	516.2	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.423	1.415	0.008	94	2199434	500.0	520.8	a
22 Iodomethane	142	1.466	1.466	0.000	96	2250918	500.0	499.3	
23 Cyclopentene	67	1.537	1.537	0.000	97	3919618	500.0	507.3	
24 Acrolein	56	1.566	1.559	0.007	92	110641	400.0	462.7	
25 3-Chloro-1-propene	76	1.638	1.630	0.008	94	929413	500.0	521.5	
26 Isopropyl alcohol	45	1.666	1.659	0.007	98	453215	5000.0	4562.6	
27 Methylene Chloride	84	1.695	1.695	0.000	91	1621460	500.0	482.3	
28 Acetone	43	1.724	1.716	0.008	87	1071045	2500.0	2496.3	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	1586745	500.0	497.3	
30 Methyl acetate	43	1.788	1.781	0.007	97	1110827	1000.0	926.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	89	417628	500.0	542.8	
32 Methyl tert-butyl ether	73	1.838	1.838	0.000	89	3242233	500.0	497.0	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	99	123066	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	100	688184	5000.0	4999.9	
35 Acetonitrile	41	1.981	1.981	0.000	99	1232698	5000.0	5009.4	
36 Isopropyl ether	45	2.060	2.053	0.007	97	5266152	500.0	515.7	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	92	1524691	500.0	521.6	
38 1,1-Dichloroethane	63	2.125	2.117	0.008	100	2930827	500.0	495.0	
39 Acrylonitrile	53	2.161	2.153	0.008	94	3986357	5000.0	5195.6	
40 Tert-butyl ethyl ether	59	2.282	2.275	0.007	89	4379554	500.0	520.3	
41 Vinyl acetate	43	2.282	2.282	0.000	100	4707045	1000.0	1033.3	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	98	1754817	500.0	497.2	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	1983171	500.0	494.7	
44 Cyclohexane	56	2.590	2.583	0.007	92	3017859	500.0	509.0	
45 Chlorobromomethane	128	2.597	2.590	0.007	92	783070	500.0	507.7	
46 Chloroform	83	2.655	2.647	0.008	99	2613155	500.0	492.3	
47 Carbon tetrachloride	117	2.734	2.733	0.001	99	1753099	500.0	560.2	
48 Ethyl acetate	70	2.748	2.748	0.000	99	232661	1000.0	999.2	
49 Methyl acrylate	55	2.748	2.748	0.000	61	918247	500.0	549.2	
50 Tetrahydrofuran	42	2.755	2.755	0.000	98	769588	1000.0	947.4	
$ 51 Dibromofluoromethane (Surr)	113	2.777	2.776	0.001	94	132990	50.0	49.8	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	99	2148975	500.0	503.7	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	96	179665	250.0	250.0	a
55 1,1-Dichloropropene	75	2.877	2.869	0.008	97	2209037	500.0	499.9	
54 2-Butanone (MEK)	72	2.870	2.869	0.001	100	621699	2500.0	2368.2	
56 Isooctane	57	2.963	2.955	0.008	99	5065144	500.0	541.3	
57 n-Heptane	57	3.056	3.049	0.007	94	1188377	500.0	517.3	
58 Benzene	78	3.056	3.056	0.000	96	6741611	500.0	480.3	
59 Propionitrile	54	3.099	3.077	0.022	88	1384313	5000.0	5301.2	
60 Methacrylonitrile	67	3.106	3.092	0.014	92	4364305	5000.0	5129.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.163	3.156	0.007	0	133687	50.0	49.9	
62 Tert-amyl methyl ether	73	3.171	3.163	0.008	99	3745941	500.0	534.8	
63 1,2-Dichloroethane	62	3.214	3.213	0.001	96	1650015	500.0	476.5	
64 Isobutyl alcohol	43	3.299	3.292	0.007	96	937256	12500	14244	
65 t-Amyl alcohol	59	3.364	3.357	0.007	99	602472	5000.0	5641.5	
* 66 Fluorobenzene	96	3.393	3.385	0.008	99	619689	50.0	50.0	
67 Isopropyl acetate	43	3.464	3.457	0.007	99	1983357	500.0	504.3	
68 Methylcyclohexane	83	3.514	3.507	0.007	96	2940010	500.0	537.6	
69 Trichloroethene	130	3.536	3.536	0.000	98	1733049	500.0	518.1	
70 2-ethoxy-2-methyl butane	59	3.779	3.772	0.007	93	3831768	500.0	555.0	
71 Dibromomethane	93	3.894	3.894	0.000	96	776124	500.0	520.3	
72 n-Butanol	56	3.915	3.915	0.000	88	594810	12500	12494	
73 1,2-Dichloropropane	63	3.987	3.980	0.007	92	1706920	500.0	509.6	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	1950550	500.0	530.8	
74 Ethyl acrylate	55	4.059	4.066	-0.007	98	1325732	500.0	489.0	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	83	16670	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	93	562331	1000.0	1127.6	
78 1,4-Dioxane	88	4.266	4.273	-0.007	96	196250	10000	10208	
79 n-Propyl acetate	43	4.410	4.417	-0.007	99	1407703	500.0	558.8	
80 2-Chloroethyl vinyl ether	63	4.668	4.675	-0.007	97	512328	501.2	808.2	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	2531452	500.0	550.5	
$ 82 Toluene-d8 (Surr)	98	4.890	4.882	0.008	99	568428	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.940	4.940	0.000	94	6985837	500.0	489.8	
84 Epichlorohydrin	57	4.968	4.983	-0.015	98	1076562	10000	9996.9	a
85 2-Nitropropane	41	5.191	5.197	-0.007	96	401764	1000.0	1208.2	a
86 Tetrachloroethene	166	5.362	5.362	0.000	98	1693883	500.0	504.2	
87 4-Methyl-2-pentanone (MIBK)	43	5.413	5.405	0.008	96	4551250	2500.0	2448.8	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	95	2115743	500.0	578.9	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	97	1004352	500.0	516.4	
90 Ethyl methacrylate	69	5.692	5.699	-0.007	90	1470388	500.0	558.8	
91 Chlorodibromomethane	129	5.807	5.799	0.008	98	1342232	500.0	534.9	
92 1,3-Dichloropropane	76	5.921	5.914	0.007	94	2063481	500.0	509.8	
93 Ethylene Dibromide	107	6.043	6.050	-0.007	98	1136144	500.0	543.7	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	1561177	500.0	486.3	
95 2-Hexanone	43	6.458	6.458	0.000	95	3200586	2500.0	2566.0	
* 96 Chlorobenzene-d5	117	6.731	6.723	0.008	87	449616	50.0	50.0	
97 Chlorobenzene	112	6.752	6.745	0.007	95	4409049	500.0	493.5	
98 Ethylbenzene	106	6.845	6.831	0.014	98	2523965	500.0	504.1	
99 1,1,1,2-Tetrachloroethane	131	6.867	6.859	0.008	97	1483682	500.0	536.5	
100 m-Xylene & p-Xylene	106	7.053	7.046	0.007	0	3047634	500.0	518.9	
101 o-Xylene	106	7.633	7.626	0.007	95	2899229	500.0	487.9	
102 Bromoform	173	7.698	7.690	0.008	96	779054	500.0	549.5	
103 Styrene	104	7.719	7.719	0.000	96	4841761	500.0	509.3	
104 n-Butyl acrylate	73	8.049	8.056	-0.007	98	906398	500.0	489.7	
105 Isopropylbenzene	105	8.120	8.113	0.007	96	7430702	500.0	482.2	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	90	2050851	500.0	489.0	
$ 107 4-Bromofluorobenzene	174	8.486	8.478	0.008	91	175673	50.0	48.3	
108 Bromobenzene	156	8.586	8.586	0.000	98	1851197	500.0	522.2	
109 N-Propylbenzene	91	8.751	8.743	0.008	99	8986684	500.0	506.6	
110 1,1,2,2-Tetrachloroethane	83	8.901	8.894	0.007	99	1295322	500.0	526.8	
111 2-Chlorotoluene	91	8.915	8.908	0.007	97	6120662	500.0	500.7	
112 4-Ethyltoluene	105	8.944	8.929	0.015	98	7785180	500.0	528.2	
113 1,2,3-Trichloropropane	110	9.030	9.023	0.007	99	346260	500.0	532.4	
114 1,3,5-Trimethylbenzene	105	9.102	9.087	0.015	94	6331744	500.0	514.8	
115 trans-1,4-Dichloro-2-butene	53	9.152	9.166	-0.014	90	325652	500.0	693.4	
116 4-Chlorotoluene	91	9.187	9.173	0.014	97	5575558	500.0	519.1	
117 tert-Butylbenzene	119	9.560	9.545	0.015	95	5347740	500.0	502.8	
118 1,2,4-Trimethylbenzene	105	9.689	9.682	0.007	97	6534418	500.0	515.1	
119 Butyl Methacrylate	87	9.703	9.696	0.007	92	2127034	500.0	490.6	
120 sec-Butylbenzene	105	9.854	9.839	0.015	99	8040037	500.0	497.8	
121 1,3-Dichlorobenzene	146	10.104	10.097	0.007	98	3667475	500.0	523.7	
122 4-Isopropyltoluene	119	10.133	10.118	0.015	98	7005086	500.0	514.2	
* 123 1,4-Dichlorobenzene-d4	152	10.240	10.226	0.014	95	239855	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.262	10.247	0.015	96	3633198	500.0	492.8	
125 1,2,3-Trimethylbenzene	105	10.369	10.355	0.014	98	6559615	500.0	510.3	
126 2,3-Dihydroindene	117	10.541	10.527	0.014	95	6296307	500.0	504.8	
127 Benzyl chloride	126	10.706	10.713	-0.007	99	508966	500.0	486.6	
128 p-Diethylbenzene	119	10.742	10.727	0.015	94	3637762	500.0	529.9	
129 n-Butylbenzene	91	10.828	10.813	0.015	99	6293963	500.0	506.7	
130 1,2-Dichlorobenzene	146	10.928	10.921	0.007	97	3338000	500.0	520.8	
131 1,2,4,5-Tetramethylbenzene	119	11.931	11.924	0.007	98	6356940	500.0	531.7	
132 1,2-Dibromo-3-Chloropropane	157	12.067	12.074	-0.007	95	225792	500.0	551.6	
133 1,3,5-Trichlorobenzene	180	12.124	12.124	0.000	98	2669157	500.0	525.1	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	2234541	500.0	523.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.841	12.840	0.001	97	935397	500.0	496.4	
136 Naphthalene	128	13.120	13.127	-0.007	99	3788295	500.0	481.3	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	96	1772317	500.0	507.6	
S 138 1,2-Dichloroethene, Total	100				0		1000.0	994.6	
S 139 1,3-Dichloropropene, Total	100				0		1000.0	1129.4	
S 140 Xylenes, Total	100				0		1000.0	1006.9	
S 142 Total BTEX	1				0		2500.0	2481.1	

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

Ethanol mix_00043	Amount Added:	50.00	Units: uL	
MIX 2 Hi_00102	Amount Added:	50.00	Units: uL	
8FreonHi_00023	Amount Added:	50.00	Units: uL	
GAS Hi_00370	Amount Added:	50.00	Units: uL	
ACROLEIN W_00112	Amount Added:	40.00	Units: uL	
MIX I Hi_00129	Amount Added:	50.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:39:32 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13 Operator ID:

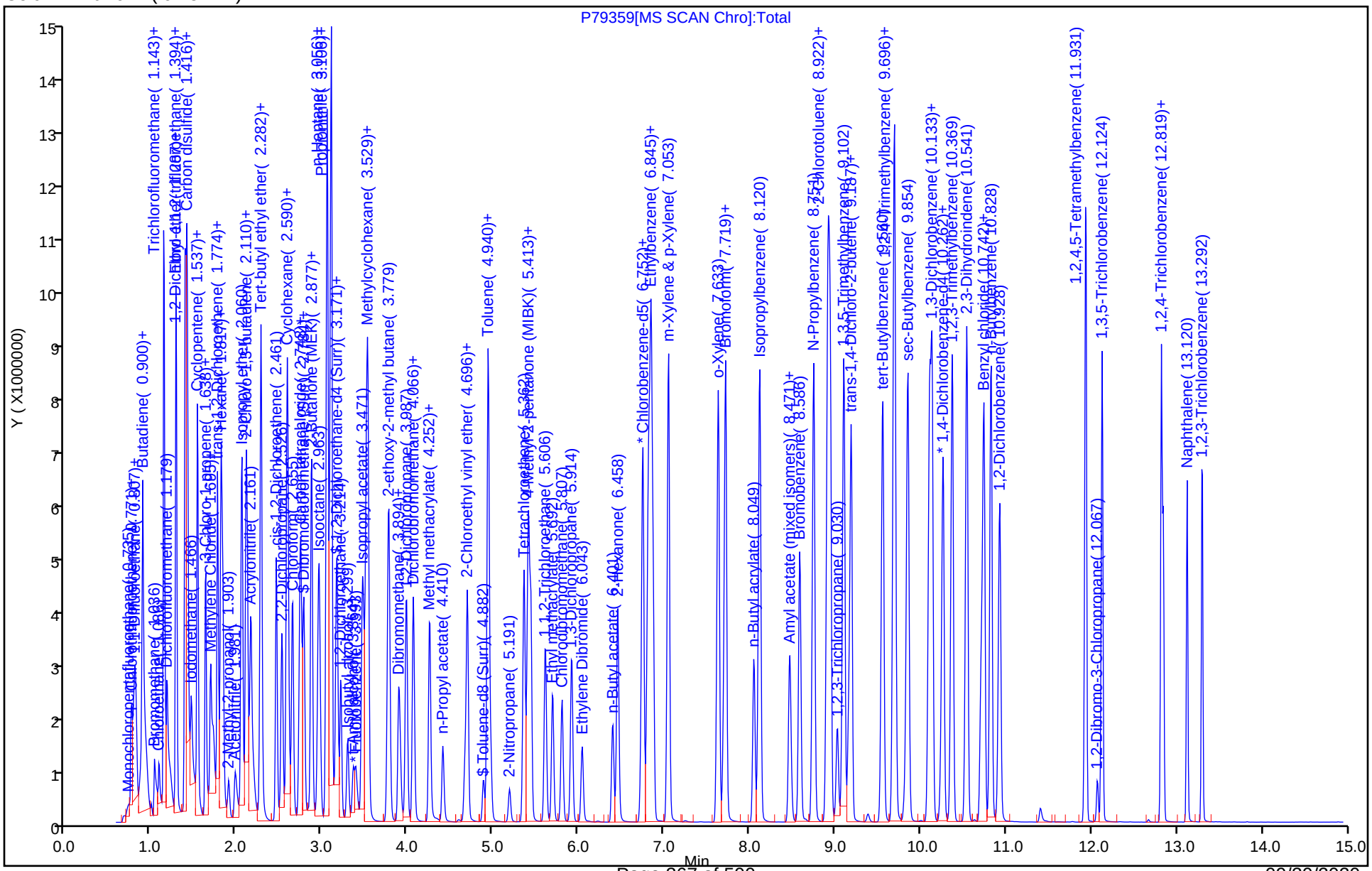
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

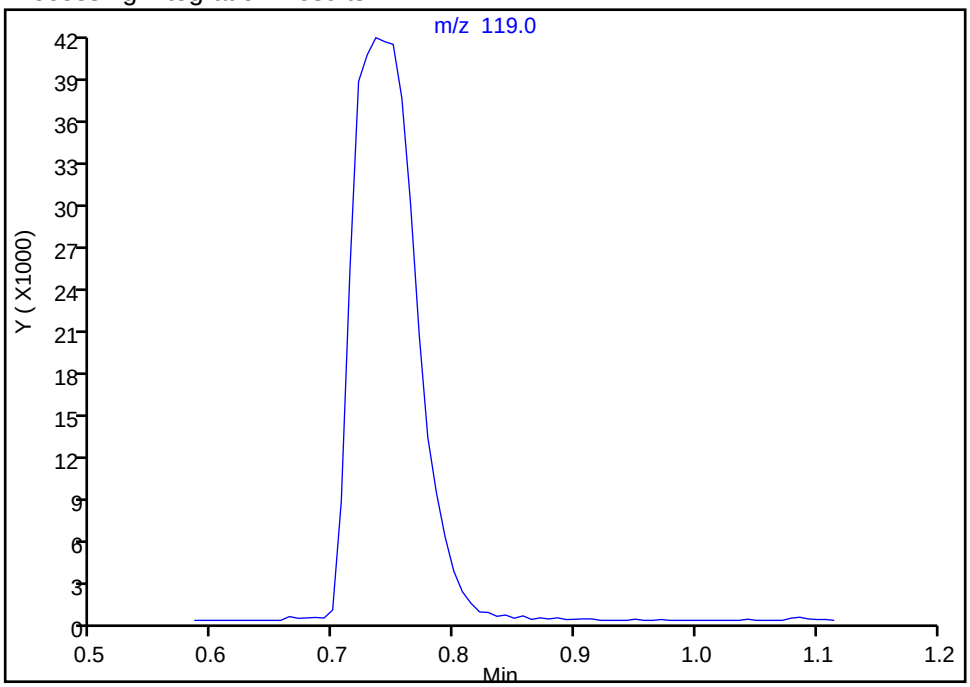
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

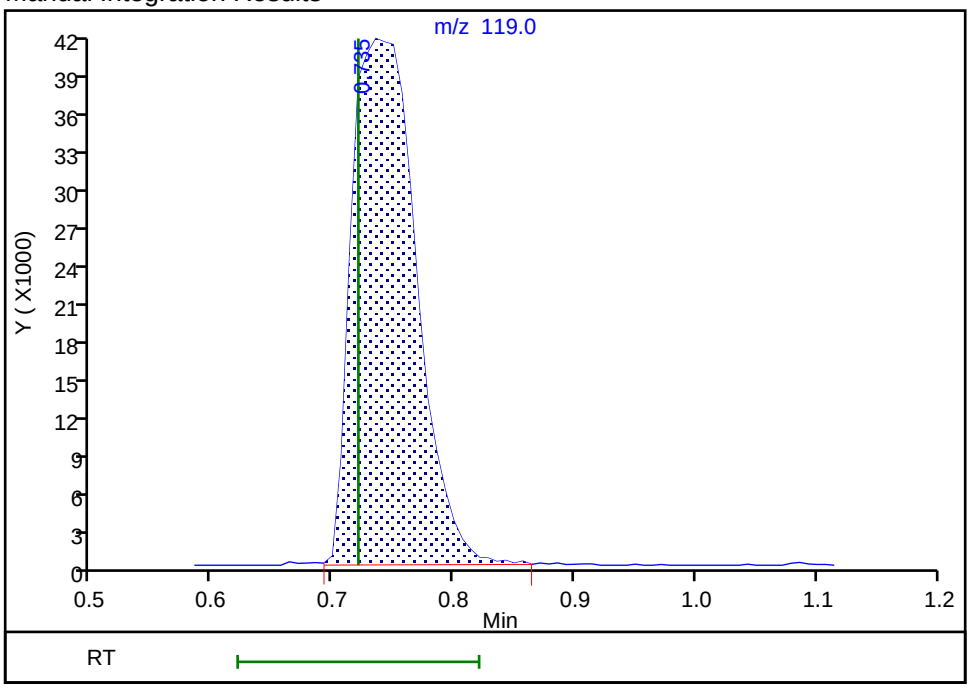
Processing Integration Results

Not Detected
Expected RT: 0.72



Manual Integration Results

RT: 0.74
Area: 153563
Amount: 561.9015
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:16:53
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

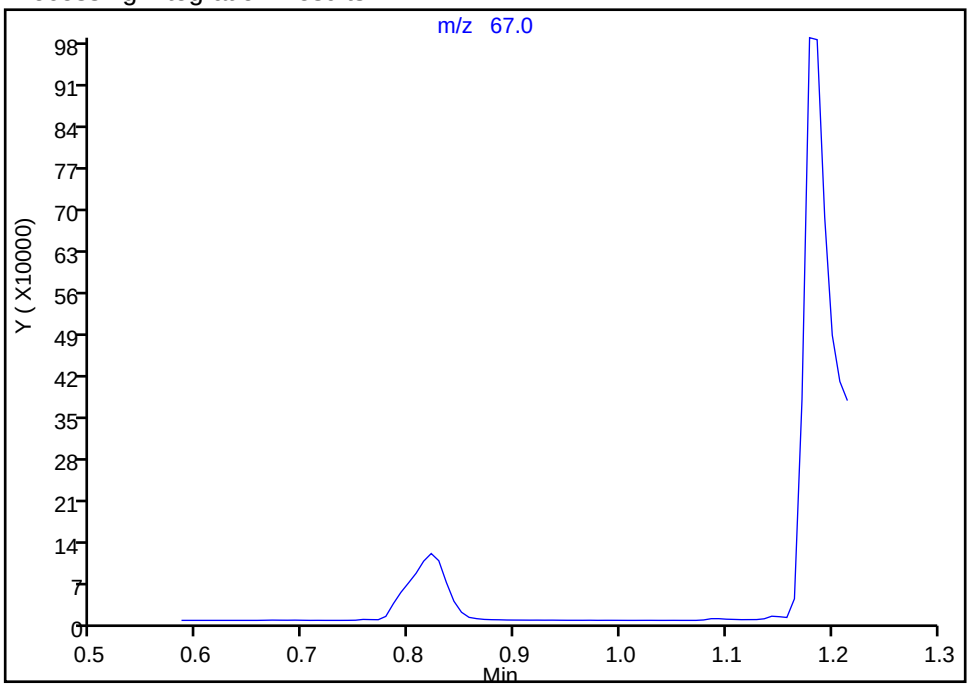
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

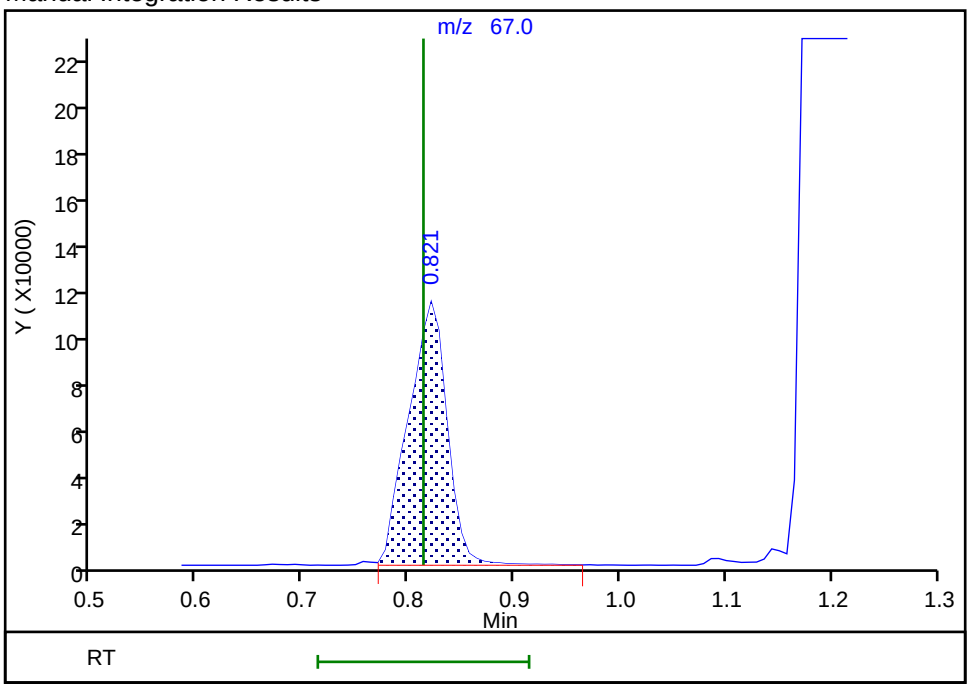
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.82
Area: 286055
Amount: 499.8586
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:17:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

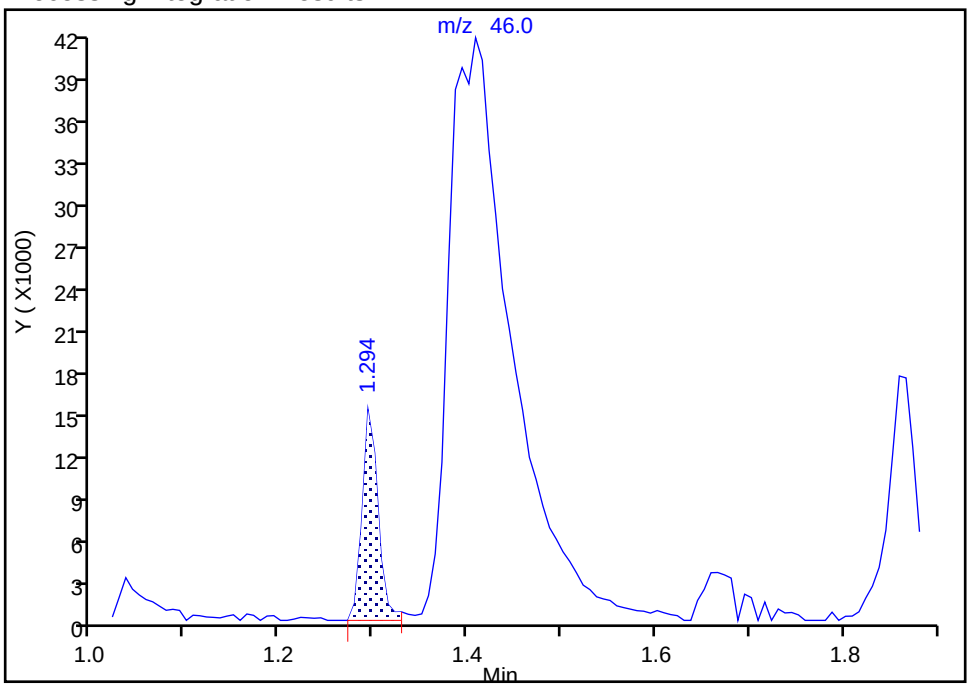
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

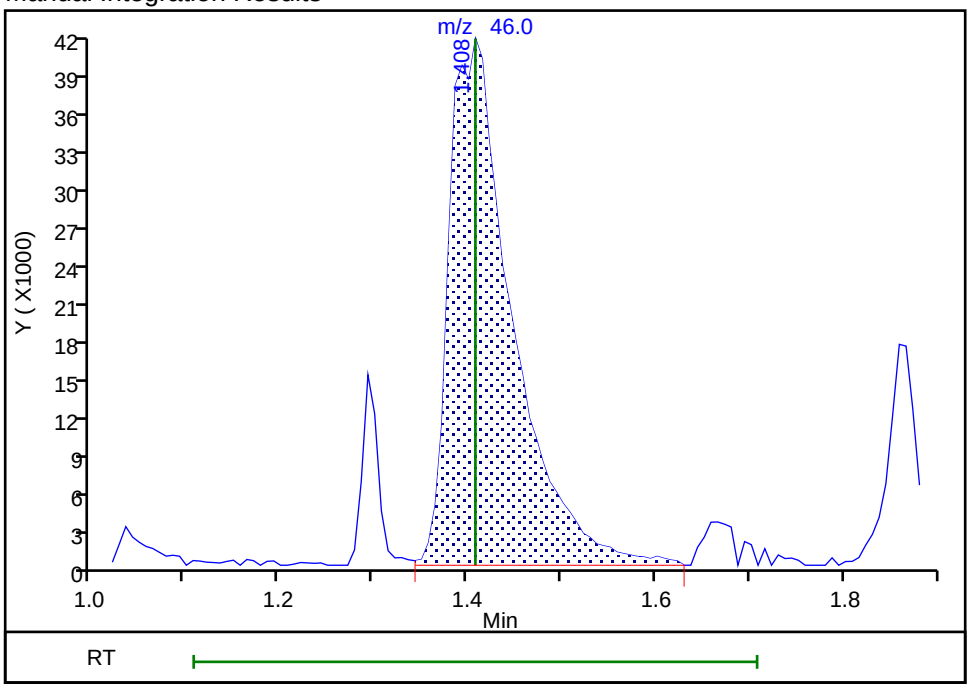
Processing Integration Results

RT: 1.29
Area: 17630
Amount: 1969.0141
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 192362
Amount: 18839
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:17:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

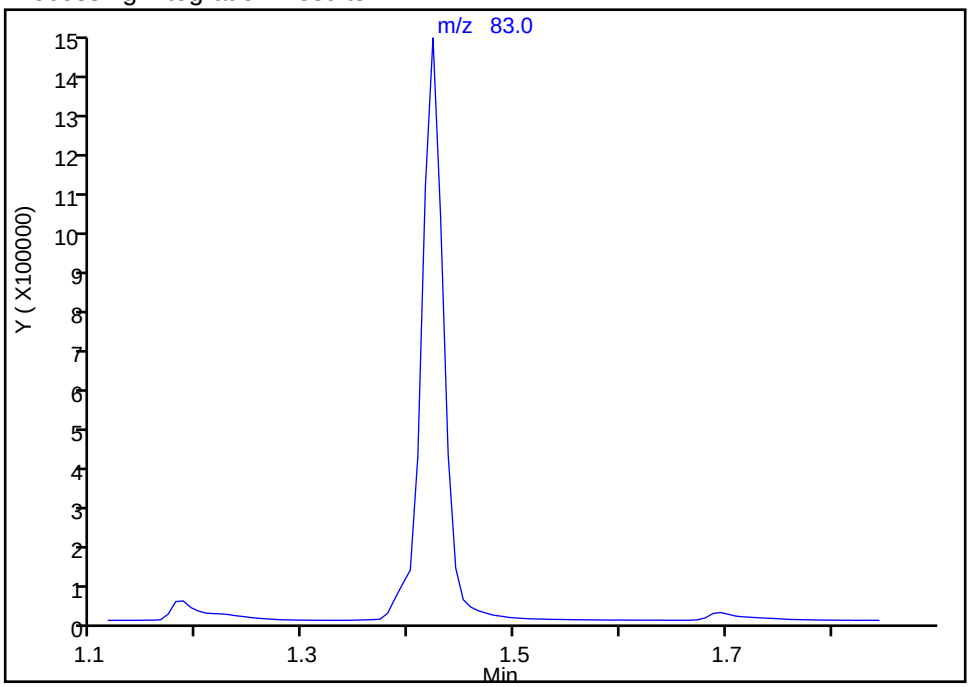
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

21 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

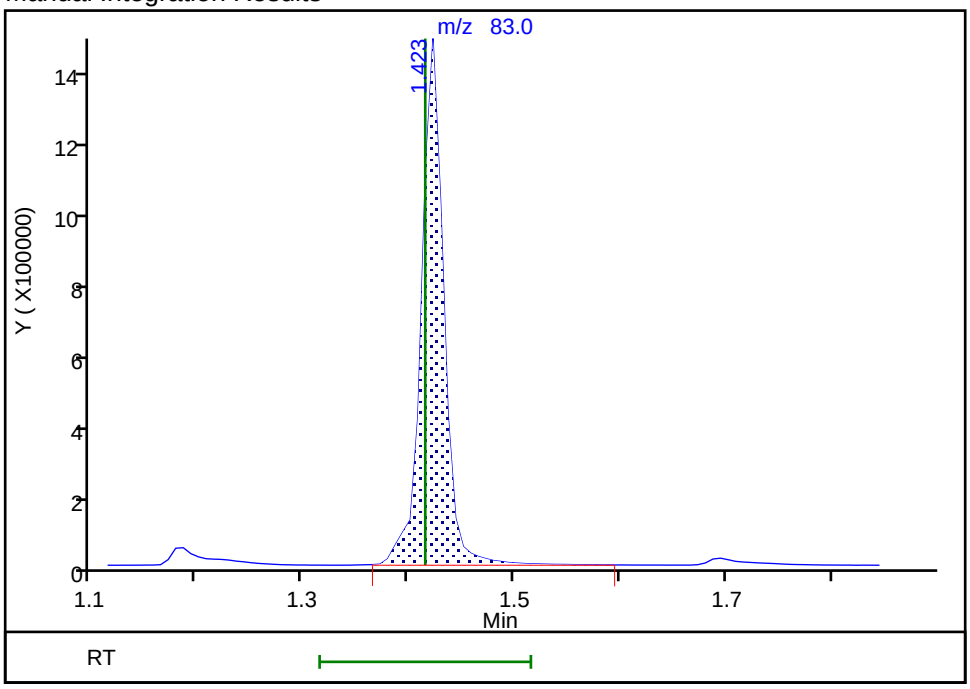
Not Detected
Expected RT: 1.42

Processing Integration Results



Manual Integration Results

RT: 1.42
Area: 2199434
Amount: 520.7545
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:17:23
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

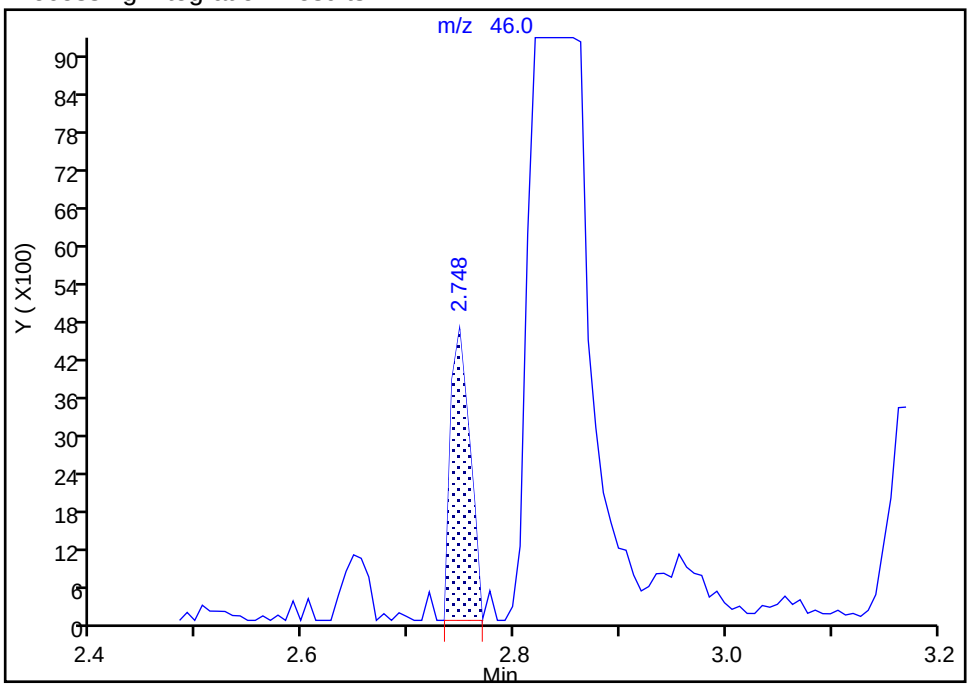
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 53 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

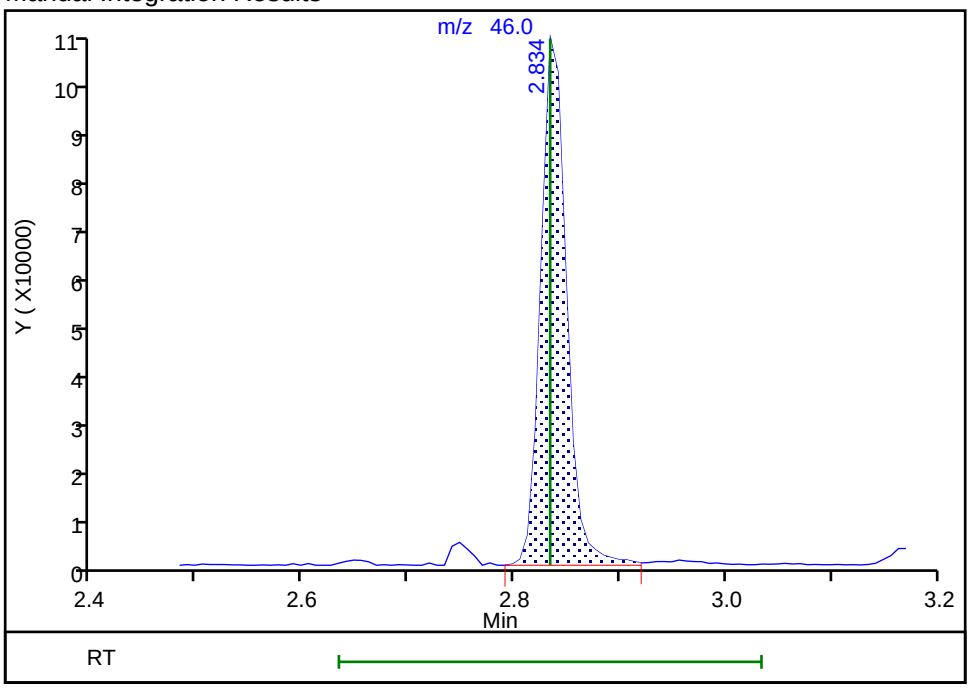
Processing Integration Results

RT: 2.75
Area: 5828
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.83
Area: 179665
Amount: 250.0000
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:25:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

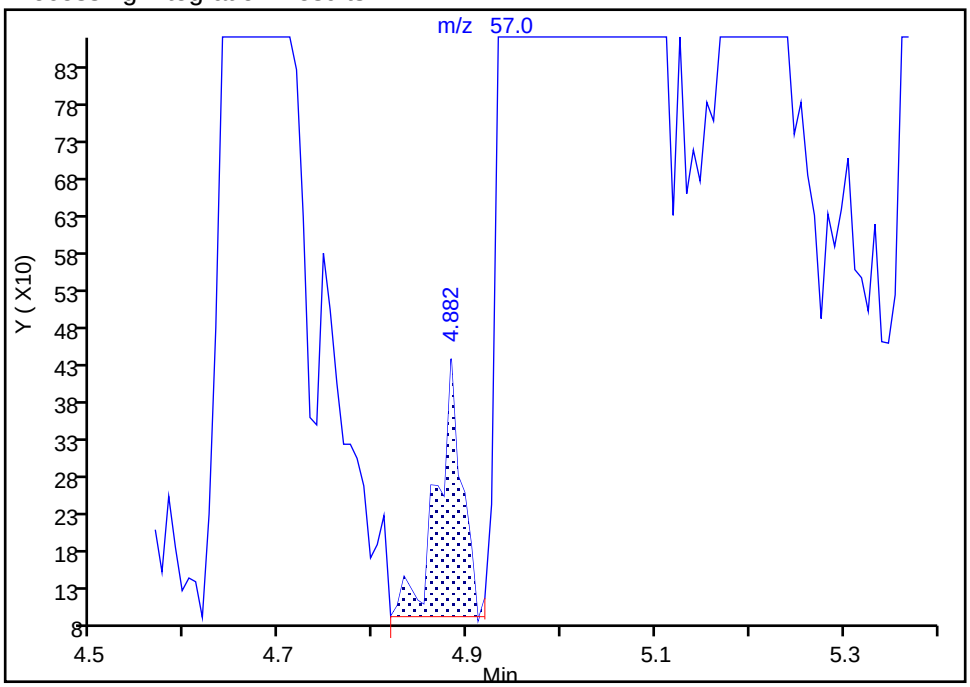
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

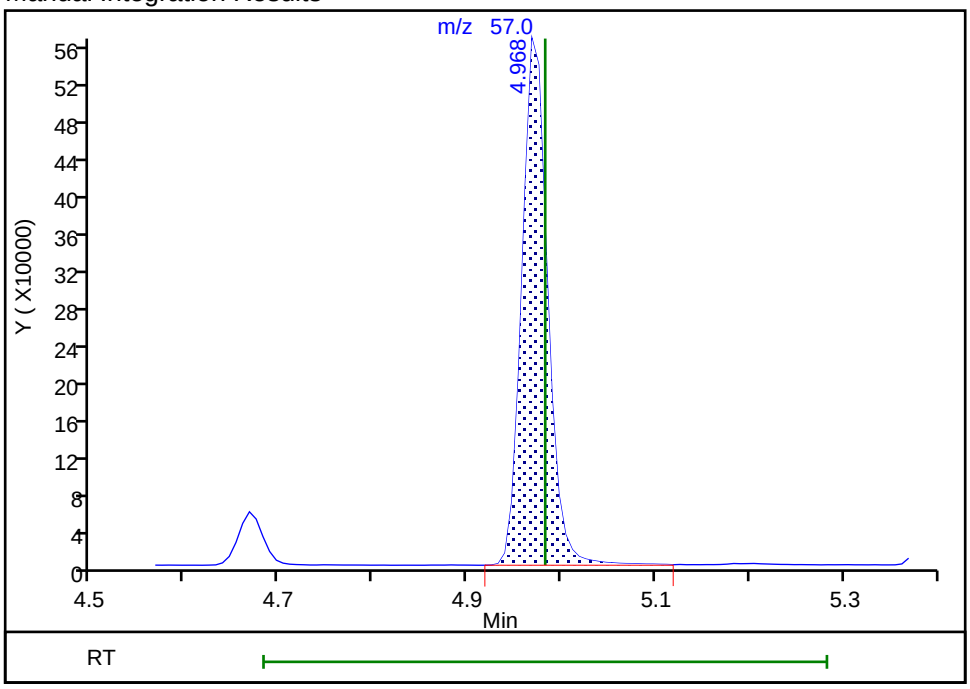
Processing Integration Results

RT: 4.88
Area: 635
Amount: 12.810448
Amount Units: ug/l



Manual Integration Results

RT: 4.97
Area: 1076562
Amount: 9996.8603
Amount Units: ug/l



Reviewer: boykink, 05-Sep-2020 00:29:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

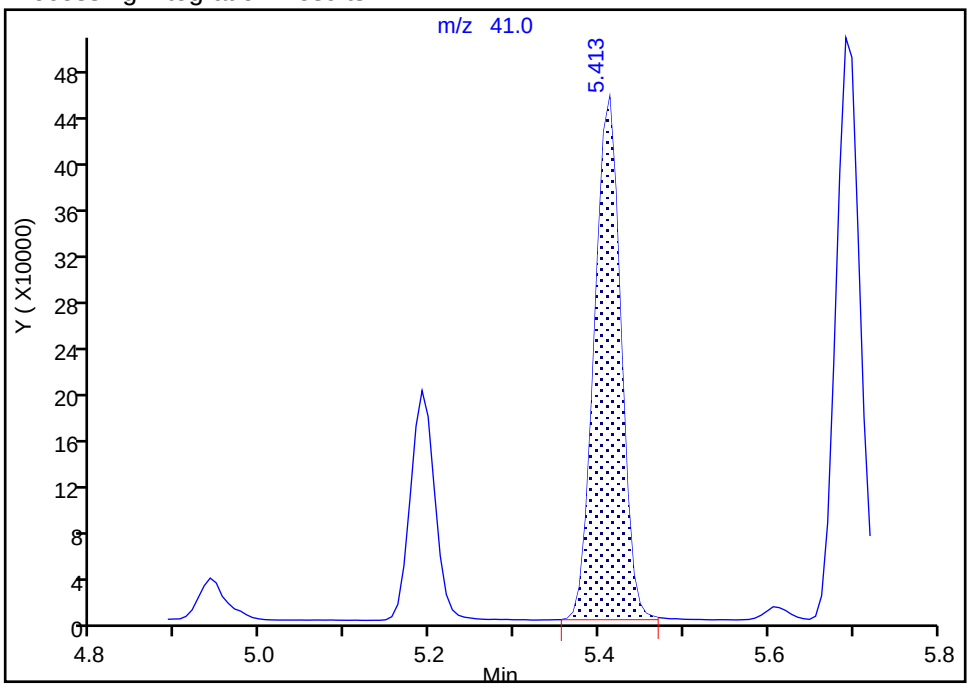
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D
Injection Date: 04-Sep-2020 16:58:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

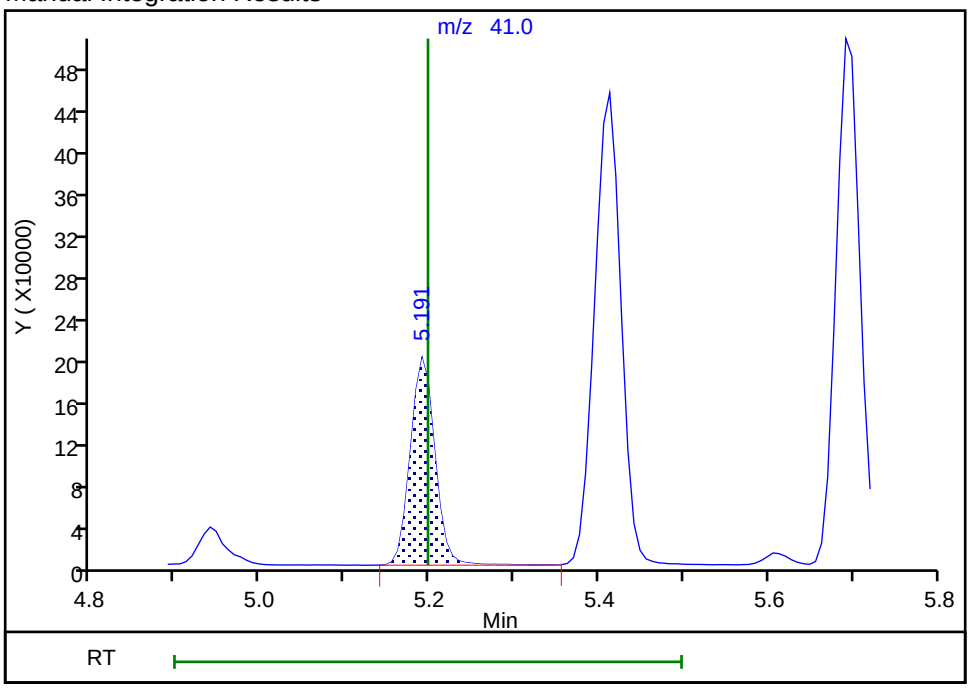
Processing Integration Results

RT: 5.41
Area: 982283
Amount: 1417.7766
Amount Units: ug/l



Manual Integration Results

RT: 5.19
Area: 401764
Amount: 1208.1550
Amount Units: ug/l



Reviewer: baronm, 05-Sep-2020 12:11:28
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.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-725517/23 Calibration Date: 09/21/2020 14:35

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63482.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	Lin2		0.0137		15.6	20.0	-22.0	30.0
Chlorotrifluoroethene	Ave	1.137	1.219		21.5	20.0	7.3	30.0
Dichlorodifluoromethane	Ave	0.3394	0.3422	0.1000	20.2	20.0	0.8	30.0
1,1-Difluoroethane	Ave	0.1543	0.1488		19.3	20.0	-3.6	30.0
Chlorodifluoromethane	Ave	0.0502	0.0482		19.2	20.0	-4.0	30.0
Chloromethane	Ave	0.3231	0.3227	0.1000	20.0	20.0	-0.1	30.0
Vinyl chloride	Ave	0.3170	0.3402	0.1000	21.5	20.0	7.3	30.0
Butadiene	Ave	0.2829	0.2834		20.0	20.0	0.2	30.0
Bromomethane	Ave	8.584	9.104	0.1000	21.2	20.0	6.1	30.0
Chloroethane	Ave	0.1703	0.1758	0.1000	20.6	20.0	3.2	30.0
Dichlorofluoromethane	Ave	0.3935	0.4282		21.8	20.0	8.8	30.0
Trichlorofluoromethane	Ave	0.3038	0.3201	0.1000	21.1	20.0	5.4	30.0
Pentane	Ave	0.0419	0.0464		44.3	40.0	10.7	30.0
Ethanol	Ave	0.0600	0.0581		775	800	-3.2	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1820	0.1911		21.0	20.0	5.0	30.0
Ethyl ether	Ave	0.1971	0.2081		21.1	20.0	5.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2106	0.2175		20.7	20.0	3.3	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3139	0.3027		19.3	20.0	-3.6	30.0
Acrolein	Ave	0.2484	0.1197		19.3	40.1	-51.8*	30.0
1,1-Dichloroethene	Ave	0.2078	0.2174	0.1000	20.9	20.0	4.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2130	0.2147	0.1000	20.2	20.0	0.8	30.0
Acetone	Lin2		0.1611	0.0500	93.7	100	-6.3	30.0
Iodomethane	Ave	0.1087	0.1152		21.2	20.0	5.9	30.0
Isopropyl alcohol	Ave	0.6131	0.5737		187	200	-6.4	30.0
Carbon disulfide	Ave	0.6885	0.7596	0.1000	22.1	20.0	10.3	30.0
Acetonitrile	Ave	0.3934	0.3809		194	200	-3.2	30.0
Allyl chloride	QuaF		0.1574		10.6	20.0	-47.0*	30.0
Methyl acetate	Ave	1.756	1.772	0.1000	40.4	40.0	0.9	30.0
Cyclopentene	Ave	0.5969	0.6313		21.2	20.0	5.8	30.0
Methylene Chloride	Ave	0.2574	0.2499	0.1000	19.4	20.0	-2.9	30.0
2-Methyl-2-propanol	Ave	1.079	1.002		186	200	-7.1	30.0
Acrylonitrile	Ave	0.0708	0.0679		192	200	-4.1	30.0
trans-1,2-Dichloroethene	Ave	0.2323	0.2379	0.1000	20.5	20.0	2.4	30.0
Methyl tert-butyl ether	Ave	0.6648	0.6525	0.1000	19.6	20.0	-1.9	30.0
Hexane	Ave	0.3618	0.3225		17.8	20.0	-10.9	30.0
1,1-Dichloroethane	Ave	0.4384	0.4199	0.2000	19.2	20.0	-4.2	30.0
Vinyl acetate	Ave	0.5069	0.4855		38.3	40.0	-4.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2320	0.2292		19.8	20.0	-1.2	30.0
Isopropyl ether	Ave	0.8045	0.8193		20.4	20.0	1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-725517/23 Calibration Date: 09/21/2020 14:35

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63482.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	0.7902	0.7576		19.2	20.0	-4.1	30.0
2,2-Dichloropropane	Ave	0.0787	0.0671		17.0	20.0	-14.8	30.0
cis-1,2-Dichloroethene	Ave	0.2565	0.2615	0.1000	20.4	20.0	1.9	30.0
2-Butanone	Ave	0.2593	0.2463	0.0500	95.0	100	-5.0	30.0
Propionitrile	Ave	0.2644	0.2668		202	200	0.9	30.0
Ethyl acetate	Ave	0.2577	0.2338		36.3	40.0	-9.3	30.0
Methyl acrylate	Ave	0.2201	0.2075		18.8	20.0	-5.8	30.0
Methacrylonitrile	Ave	0.0909	0.0877		193	200	-3.5	30.0
Chlorobromomethane	Ave	0.1174	0.1115		19.0	20.0	-5.0	30.0
Tetrahydrofuran	Ave	0.6802	0.6232		36.7	40.0	-8.4	30.0
Chloroform	Ave	0.3865	0.3690	0.2000	19.1	20.0	-4.5	30.0
1,1,1-Trichloroethane	Ave	0.3265	0.3118	0.1000	19.1	20.0	-4.5	30.0
Cyclohexane	Ave	0.3647	0.3532	0.1000	19.4	20.0	-3.1	30.0
Carbon tetrachloride	Ave	0.2522	0.2495	0.1000	19.8	20.0	-1.1	30.0
1,1-Dichloropropene	Ave	0.3318	0.3110		18.7	20.0	-6.3	30.0
Isobutyl alcohol	Ave	0.4874	0.4612		473	500	-5.4	30.0
Benzene	Ave	1.189	1.192	0.5000	20.1	20.0	0.3	30.0
1,2-Dichloroethane	Ave	0.2913	0.2730	0.1000	18.7	20.0	-6.3	30.0
2,2,4-Trimethylpentane	Ave	0.7084	0.6327		17.9	20.0	-10.7	30.0
Isopropyl acetate	Ave	0.0908	0.0841		18.5	20.0	-7.3	30.0
Tert-amyl methyl ether	Ave	0.6952	0.7046		20.3	20.0	1.4	30.0
n-Heptane	Ave	0.3036	0.2531		16.7	20.0	-16.6	30.0
n-Butanol	Ave	0.3279	0.3073		469	500	-6.3	30.0
Trichloroethene	Ave	0.2446	0.2363	0.2000	19.3	20.0	-3.4	30.0
Ethyl acrylate	Ave	0.3093	0.2835		18.3	20.0	-8.3	30.0
Methylcyclohexane	Ave	0.4262	0.4091	0.1000	19.2	20.0	-4.0	30.0
1,2-Dichloropropane	Ave	0.2632	0.2668	0.1000	20.3	20.0	1.4	30.0
Dibromomethane	Ave	0.1390	0.1341		19.3	20.0	-3.6	30.0
1,4-Dioxane	Ave	1.087	1.068		393	400	-1.8	30.0
Methyl methacrylate	Ave	0.0687	0.0684		39.8	40.0	-0.5	30.0
n-Propyl acetate	Ave	0.3424	0.3038		17.7	20.0	-11.3	30.0
Bromodichloromethane	Ave	0.2983	0.2941	0.2000	19.7	20.0	-1.4	30.0
2-Nitropropane	Ave	0.0428	0.0364		34.1	40.0	-14.8	30.0
2-Chloroethyl vinyl ether	Lin2		0.1220		16.3	20.0	-18.6	30.0
Epichlorohydrin	Ave	0.2354	0.2507		21.3	20.0	6.5	30.0
cis-1,3-Dichloropropene	Ave	0.5168	0.5012	0.2000	19.4	20.0	-3.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.272	2.223	0.0500	97.9	100	-2.1	30.0
Toluene	Ave	1.291	1.265	0.4000	19.6	20.0	-2.0	30.0
trans-1,3-Dichloropropene	Ave	0.4519	0.4098	0.1000	18.1	20.0	-9.3	30.0
Ethyl methacrylate	Ave	0.3959	0.3811		19.3	20.0	-3.7	30.0
1,1,2-Trichloroethane	Ave	0.2261	0.2247	0.1000	19.9	20.0	-0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-725517/23 Calibration Date: 09/21/2020 14:35

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63482.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	0.3008	0.2950	0.2000	19.6	20.0	-1.9	30.0
1,3-Dichloropropane	Ave	0.4796	0.4713		19.7	20.0	-1.7	30.0
2-Hexanone	Ave	1.578	1.530	0.0500	96.9	100	-3.1	30.0
Dibromochloromethane	Ave	0.2606	0.2650	0.1000	20.3	20.0	1.7	30.0
n-Butyl acetate	Ave	0.4559	0.4307		18.9	20.0	-5.5	30.0
Ethylene Dibromide	Ave	0.2714	0.2677	0.1000	19.7	20.0	-1.4	30.0
Chlorobenzene	Ave	0.8602	0.8433	0.5000	19.6	20.0	-2.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2670	0.2613		19.6	20.0	-2.2	30.0
Ethylbenzene	Ave	0.4523	0.4462	0.1000	19.7	20.0	-1.3	30.0
m-Xylene & p-Xylene	Ave	0.5791	0.5651	0.1000	19.5	20.0	-2.4	30.0
o-Xylene	Ave	0.5795	0.5665	0.3000	19.5	20.0	-2.3	30.0
Styrene	Ave	0.9397	0.9774	0.3000	20.8	20.0	4.0	30.0
n-Butyl acrylate	Ave	0.2223	0.2169		19.5	20.0	-2.4	30.0
Bromoform	Ave	0.1599	0.1521	0.1000	19.0	20.0	-4.9	30.0
Amyl acetate (mixed isomers)	Ave	1.091	1.038		19.0	20.0	-4.8	30.0
Isopropylbenzene	Ave	1.446	1.442	0.1000	19.9	20.0	-0.3	30.0
Bromobenzene	Ave	0.7169	0.7002		19.5	20.0	-2.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7252	0.7053	0.3000	19.5	20.0	-2.7	30.0
1,2,3-Trichloropropane	Ave	0.1972	0.1928		19.6	20.0	-2.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1941	0.1787		18.4	20.0	-7.9	30.0
N-Propylbenzene	Ave	3.326	3.162		19.0	20.0	-4.9	30.0
2-Chlorotoluene	Ave	2.061	1.997		19.4	20.0	-3.1	30.0
4-Ethyltoluene	Ave	2.777	2.647		19.1	20.0	-4.7	30.0
4-Chlorotoluene	Ave	2.069	2.053		19.8	20.0	-0.8	30.0
1,3,5-Trimethylbenzene	Ave	2.122	2.018		19.0	20.0	-4.9	30.0
Butyl Methacrylate	Ave	0.8492	0.8168		19.2	20.0	-3.8	30.0
tert-Butylbenzene	Ave	2.092	1.999		19.1	20.0	-4.4	30.0
1,2,4-Trimethylbenzene	Ave	2.120	1.965		18.5	20.0	-7.3	30.0
sec-Butylbenzene	Ave	2.993	2.861		19.1	20.0	-4.4	30.0
1,3-Dichlorobenzene	Ave	1.346	1.290	0.6000	19.2	20.0	-4.2	30.0
1,4-Dichlorobenzene	Ave	1.309	1.244	0.5000	19.0	20.0	-4.9	30.0
4-Isopropyltoluene	Ave	2.306	2.139		18.6	20.0	-7.2	30.0
1,2,3-Trimethylbenzene	Ave	2.066	1.938		18.8	20.0	-6.2	30.0
Benzyl chloride	Ave	0.2606	0.1898		14.6	20.0	-27.2	30.0
Indan	Ave	2.410	2.399		19.9	20.0	-0.4	30.0
1,2-Dichlorobenzene	Ave	1.288	1.240	0.4000	19.3	20.0	-3.7	30.0
p-Diethylbenzene	Ave	1.167	1.104		18.9	20.0	-5.3	30.0
n-Butylbenzene	Ave	1.060	0.9500		17.9	20.0	-10.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1446	0.1379	0.0500	19.1	20.0	-4.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.249	1.108		17.7	20.0	-11.3	30.0
1,3,5-Trichlorobenzene	Ave	0.7349	0.6603		18.0	20.0	-10.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-725517/23 Calibration Date: 09/21/2020 14:35

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63482.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.6182	0.5596	0.2000	18.1	20.0	-9.5	30.0
Hexachlorobutadiene	Ave	0.3117	0.3024		19.4	20.0	-3.0	30.0
Naphthalene	Ave	1.088	1.119		20.6	20.0	2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.5252	0.4925		18.8	20.0	-6.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2313	0.2312		50.0	50.0	-0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2607	0.2557		49.1	50.0	-1.9	30.0
Toluene-d8 (Surr)	Ave	1.234	1.260		51.1	50.0	2.1	30.0
Bromofluorobenzene	Ave	0.3751	0.3807		50.7	50.0	1.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63482.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 21-Sep-2020 14:35:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0117085-023
Operator ID: Instrument ID: CVOAMS12
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 23-Sep-2020 09:15:55 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1036

First Level Reviewer: delpolitov Date: 23-Sep-2020 09:19:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.842	0.842	0.000	23	2590	20.0	15.6	
2 Chlorotrifluoroethene	116	0.899	0.900	-0.001	85	22347	20.0	21.5	
4 Dichlorodifluoromethane	85	0.914	0.914	0.000	88	64459	20.0	20.2	
3 1,1-Difluoroethane	65	0.935	0.935	0.000	89	28026	20.0	19.3	
5 Chlorodifluoromethane	67	0.964	0.964	0.000	46	9074	20.0	19.2	
6 Chloromethane	50	1.057	1.057	0.000	81	60793	20.0	20.0	
7 Vinyl chloride	62	1.078	1.071	0.007	82	64085	20.0	21.5	
8 Butadiene	54	1.093	1.093	0.000	75	53396	20.0	20.0	
9 Bromomethane	94	1.257	1.250	0.007	99	33586	20.0	21.2	
10 Chloroethane	64	1.307	1.300	0.007	97	33117	20.0	20.6	
11 Dichlorofluoromethane	67	1.421	1.414	0.007	80	80670	20.0	21.8	
12 Trichlorofluoromethane	101	1.450	1.450	0.000	85	60311	20.0	21.1	
13 Pentane	72	1.500	1.493	0.007	96	17476	40.0	44.3	
14 Ethanol	46	1.572	1.608	-0.036	55	8567	800.0	774.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.622	1.622	0.000	83	36006	20.0	21.0	
15 Ethyl ether	59	1.622	1.622	0.000	66	39194	20.0	21.1	
17 2-Methyl-1,3-butadiene	53	1.636	1.629	0.007	90	40979	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.657	1.658	-0.001	30	57025	20.0	19.3	
19 Acrolein	56	1.686	1.693	-0.007	8	884	40.1	19.3	
20 1,1-Dichloroethene	96	1.750	1.751	-0.001	90	40958	20.0	20.9	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.757	1.751	0.006	81	40454	20.0	20.2	
22 Acetone	58	1.779	1.786	-0.007	80	14760	100.0	93.7	
23 Iodomethane	127	1.843	1.843	0.000	96	21701	20.0	21.2	
25 Carbon disulfide	76	1.879	1.879	0.000	99	143091	20.0	22.1	
24 Isopropyl alcohol	45	1.872	1.894	-0.022	41	21163	200.0	187.1	
27 Acetonitrile	38	1.972	1.972	0.000	80	14053	200.0	193.7	
26 3-Chloro-1-propene	76	1.972	1.972	0.000	92	29644	20.0	10.6	
28 Methyl acetate	74	1.986	1.994	-0.008	98	13072	40.0	40.4	
29 Cyclopentene	67	2.029	2.022	0.007	68	118921	20.0	21.2	
30 Methylene Chloride	84	2.051	2.051	0.000	83	47085	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
* 31 TBA-d9 (IS)	65	2.079	2.094	-0.015	99	184453	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.129	2.144	-0.015	91	36976	200.0	185.8	
33 Acrylonitrile	53	2.208	2.215	-0.007	95	127891	200.0	191.8	
34 trans-1,2-Dichloroethene	96	2.229	2.230	-0.001	88	44820	20.0	20.5	
35 Methyl tert-butyl ether	73	2.237	2.244	-0.007	98	122914	20.0	19.6	
36 Hexane	57	2.437	2.430	0.007	93	60752	20.0	17.8	
37 1,1-Dichloroethane	63	2.523	2.523	0.000	95	79111	20.0	19.2	
38 Vinyl acetate	86	2.573	2.573	0.000	99	17795	40.0	38.3	
39 Isopropyl ether	45	2.594	2.594	0.000	92	154346	20.0	20.4	
40 2-Chloro-1,3-butadiene	88	2.594	2.594	0.000	63	43185	20.0	19.8	
41 Tert-butyl ethyl ether	59	2.866	2.873	-0.007	89	142714	20.0	19.2	
* 42 2-Butanone-d5	46	2.930	2.945	-0.015	98	229064	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.966	2.966	0.000	81	49269	20.0	20.4	
43 2,2-Dichloropropane	97	2.966	2.966	0.000	62	12643	20.0	17.0	
45 2-Butanone (MEK)	72	2.980	2.995	-0.015	93	22568	100.0	95.0	
46 Propionitrile	52	3.023	3.045	-0.022	92	9841	200.0	201.8	
47 Ethyl acetate	70	3.045	3.052	-0.007	87	8567	40.0	36.3	
48 Methyl acrylate	55	3.073	3.080	-0.007	65	39082	20.0	18.8	
50 Chlorobromomethane	128	3.159	3.166	-0.007	48	21004	20.0	19.0	
49 Methacrylonitrile	67	3.152	3.181	-0.029	92	165292	200.0	193.0	
51 Tetrahydrofuran	42	3.202	3.216	-0.014	43	22841	40.0	36.7	
52 Chloroform	83	3.230	3.238	-0.008	93	69521	20.0	19.1	
$ 53 Dibromofluoromethane (Surr)	113	3.366	3.374	-0.008	95	108873	50.0	50.0	
54 1,1,1-Trichloroethane	97	3.388	3.388	0.000	92	58746	20.0	19.1	
55 Cyclohexane	84	3.438	3.438	0.000	90	66544	20.0	19.4	
56 Carbon tetrachloride	117	3.531	3.538	-0.007	73	46997	20.0	19.8	
57 1,1-Dichloropropene	75	3.538	3.538	0.000	95	58584	20.0	18.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.659	3.667	-0.008	0	120445	50.0	49.1	
59 Isobutyl alcohol	43	3.674	3.695	-0.021	65	42533	500.0	473.1	
60 Benzene	78	3.717	3.724	-0.007	70	183470	20.0	20.1	
61 1,2-Dichloroethane	62	3.731	3.738	-0.007	58	51430	20.0	18.7	
62 Isooctane	57	3.817	3.824	-0.007	83	119196	20.0	17.9	
63 Isopropyl acetate	61	3.824	3.838	-0.014	92	15843	20.0	18.5	
64 Tert-amyl methyl ether	73	3.853	3.860	-0.007	93	132743	20.0	20.3	
* 65 Fluorobenzene	96	3.988	3.989	-0.001	99	470966	50.0	50.0	
66 n-Heptane	43	4.010	4.017	-0.007	76	47683	20.0	16.7	
68 Trichloroethene	95	4.360	4.360	0.000	90	44524	20.0	19.3	
67 n-Butanol	56	4.346	4.368	-0.022	82	28341	500.0	468.6	
69 Ethyl acrylate	55	4.510	4.518	-0.008	98	53410	20.0	18.3	
70 Methylcyclohexane	83	4.560	4.561	-0.001	95	77078	20.0	19.2	
71 1,2-Dichloropropane	63	4.582	4.589	-0.007	88	50257	20.0	20.3	
* 72 1,4-Dioxane-d8	96	4.696	4.711	-0.015	0	24760	1000.0	1000.0	
73 Dibromomethane	93	4.703	4.711	-0.008	97	25263	20.0	19.3	
74 1,4-Dioxane	88	4.753	4.768	-0.015	23	10577	400.0	392.8	
75 Methyl methacrylate	100	4.761	4.775	-0.014	90	25767	40.0	39.8	
76 n-Propyl acetate	43	4.846	4.854	-0.008	80	57223	20.0	17.7	
77 Dichlorobromomethane	83	4.896	4.904	-0.008	94	55396	20.0	19.7	
78 2-Nitropropane	41	5.161	5.168	-0.007	96	13726	40.0	34.1	
79 2-Chloroethyl vinyl ether	63	5.283	5.290	-0.007	96	22992	20.0	16.3	
80 Epichlorohydrin	57	5.325	5.340	-0.015	32	4594	20.0	21.3	
81 cis-1,3-Dichloropropene	75	5.426	5.433	-0.007	86	77149	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.647	5.662	-0.015	96	203723	100.0	97.9	

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	5.747	5.755	-0.008	100	484899	50.0	51.1	
84 Toluene	91	5.826	5.840	-0.014	93	194735	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.133	6.141	-0.008	94	63079	20.0	18.1	
86 Ethyl methacrylate	69	6.319	6.334	-0.015	90	58665	20.0	19.3	
87 1,1,2-Trichloroethane	83	6.362	6.370	-0.008	91	34583	20.0	19.9	
88 Tetrachloroethene	166	6.527	6.534	-0.007	92	45405	20.0	19.6	
89 1,3-Dichloropropane	76	6.577	6.584	-0.007	89	72543	20.0	19.7	
90 2-Hexanone	43	6.756	6.770	-0.014	94	140147	100.0	96.9	
91 Chlorodibromomethane	129	6.870	6.877	-0.007	97	40788	20.0	20.3	
92 n-Butyl acetate	43	6.984	6.992	-0.008	99	66301	20.0	18.9	
93 Ethylene Dibromide	107	6.991	7.006	-0.015	78	41212	20.0	19.7	
* 94 Chlorobenzene-d5	117	7.685	7.692	-0.007	83	384843	50.0	50.0	
95 Chlorobenzene	112	7.728	7.735	-0.007	93	129821	20.0	19.6	
96 1,1,1,2-Tetrachloroethane	131	7.871	7.878	-0.007	90	40218	20.0	19.6	
97 Ethylbenzene	106	7.935	7.943	-0.008	97	68692	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.121	8.129	-0.008	99	86985	20.0	19.5	
99 o-Xylene	106	8.708	8.722	-0.014	93	87200	20.0	19.5	
100 Styrene	104	8.743	8.751	-0.008	95	150457	20.0	20.8	
101 n-Butyl acrylate	73	8.793	8.808	-0.015	90	33382	20.0	19.5	
102 Bromoform	173	8.965	8.972	-0.007	95	23415	20.0	19.0	
103 Amyl acetate (mixed isomers)	43	9.187	9.201	-0.014	91	79687	20.0	19.0	
104 Isopropylbenzene	105	9.322	9.330	-0.008	96	221936	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.523	9.530	-0.007	87	146522	50.0	50.7	
106 Bromobenzene	156	9.716	9.723	-0.007	99	53754	20.0	19.5	
107 1,1,2,2-Tetrachloroethane	83	9.830	9.837	-0.007	91	54151	20.0	19.5	
108 1,2,3-Trichloropropane	110	9.852	9.859	-0.007	95	14801	20.0	19.6	
109 trans-1,4-Dichloro-2-butene	53	9.930	9.945	-0.015	84	13718	20.0	18.4	
110 N-Propylbenzene	91	9.995	10.016	-0.021	95	242780	20.0	19.0	
111 2-Chlorotoluene	91	10.066	10.088	-0.022	95	153350	20.0	19.4	
112 4-Ethyltoluene	105	10.195	10.209	-0.014	99	203210	20.0	19.1	
113 4-Chlorotoluene	91	10.259	10.274	-0.015	94	157603	20.0	19.8	
114 1,3,5-Trimethylbenzene	105	10.316	10.331	-0.015	72	154932	20.0	19.0	
115 Butyl Methacrylate	87	10.595	10.610	-0.015	90	62708	20.0	19.2	
116 tert-Butylbenzene	119	10.831	10.846	-0.015	91	153463	20.0	19.1	
117 1,2,4-Trimethylbenzene	105	10.917	10.931	-0.014	71	150840	20.0	18.5	
118 sec-Butylbenzene	105	11.196	11.210	-0.014	99	219664	20.0	19.1	
119 1,3-Dichlorobenzene	146	11.289	11.303	-0.014	95	99003	20.0	19.2	
* 120 1,4-Dichlorobenzene-d4	152	11.396	11.403	-0.007	95	191933	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.432	11.439	-0.007	83	95544	20.0	19.0	
122 4-Isopropyltoluene	119	11.446	11.461	-0.015	59	164230	20.0	18.6	
123 1,2,3-Trimethylbenzene	105	11.546	11.561	-0.015	98	148754	20.0	18.8	
124 Benzyl chloride	126	11.646	11.654	-0.008	95	14573	20.0	14.6	
125 2,3-Dihydroindene	117	11.775	11.789	-0.014	90	184189	20.0	19.9	
126 1,2-Dichlorobenzene	146	11.911	11.918	-0.007	95	95209	20.0	19.3	
127 p-Diethylbenzene	119	11.968	11.975	-0.007	89	84768	20.0	18.9	
128 n-Butylbenzene	92	11.989	11.997	-0.008	94	72935	20.0	17.9	
129 1,2-Dibromo-3-Chloropropane	157	12.797	12.798	-0.001	95	10586	20.0	19.1	
130 1,2,4,5-Tetramethylbenzene	119	12.826	12.826	0.000	98	85033	20.0	17.7	
131 1,3,5-Trichlorobenzene	180	13.019	13.019	0.000	96	50690	20.0	18.0	
132 1,2,4-Trichlorobenzene	180	13.584	13.584	0.000	93	42962	20.0	18.1	
133 Hexachlorobutadiene	225	13.756	13.763	-0.007	87	23214	20.0	19.4	
134 Naphthalene	128	13.777	13.777	0.000	99	85882	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.984	13.985	-0.001	94	37812	20.0	18.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 138 Xylenes, Total	100				0		40.0	39.1	
S 139 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN SP_00116	Amount Added:	4.00	Units: uL	
8FreonsSS_00024	Amount Added:	20.00	Units: uL	
GAS C SP_00374	Amount Added:	20.00	Units: uL	
8260 SP_00129	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Sep-2020 09:19:50 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63482.D

Injection Date: 21-Sep-2020 14:35:30 Instrument ID: CVOAMS12 Operator ID:

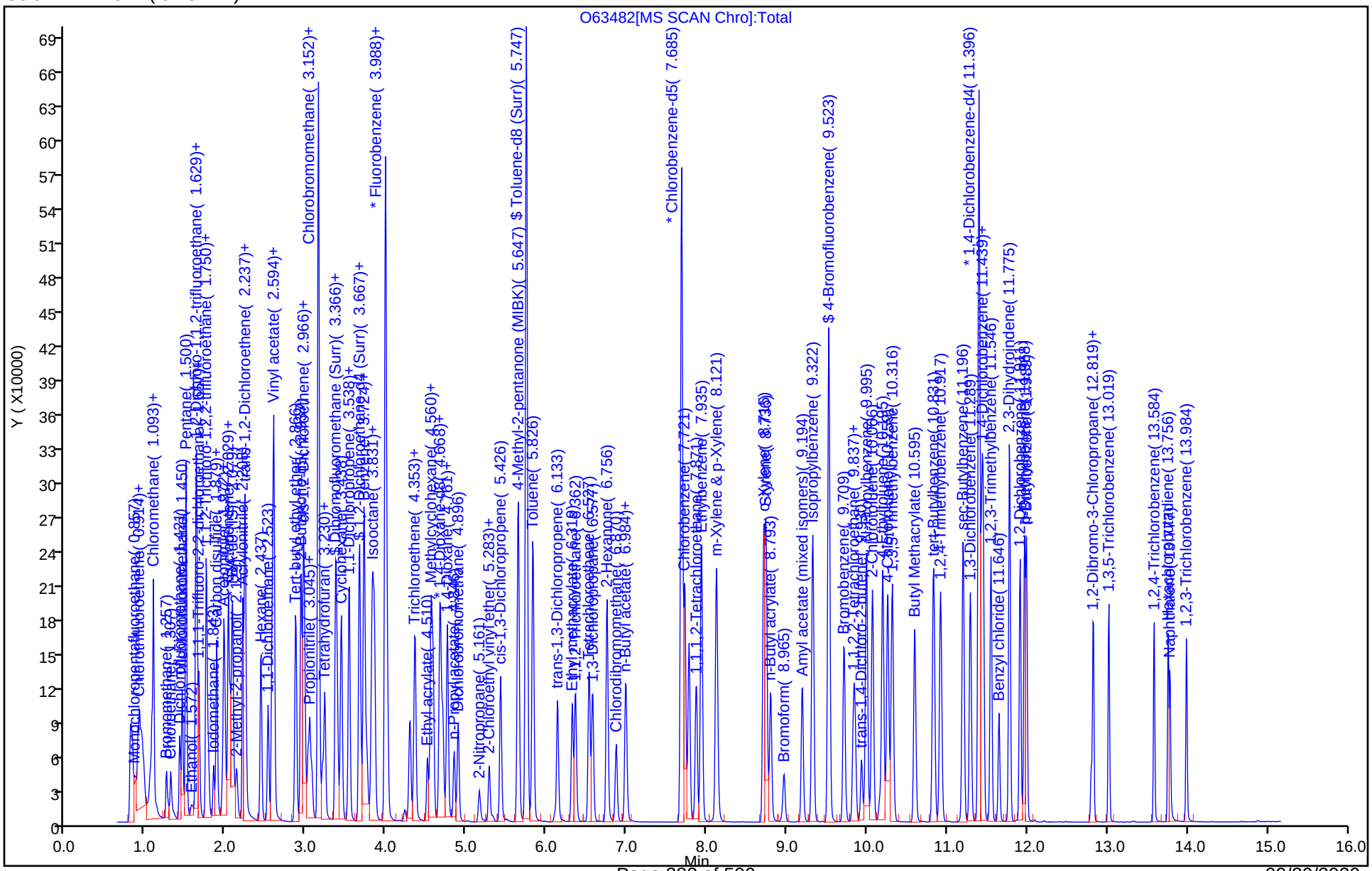
Lims ID: ICV Worklist Smp#: 23

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 22

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-727063/2 Calibration Date: 09/26/2020 20:58

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63765.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3394	0.2645	0.1000	15.6	20.0	-22.1*	20.0
Chloromethane	Ave	0.3231	0.3065	0.1000	19.0	20.0	-5.1	20.0
Vinyl chloride	Ave	0.3170	0.3068	0.1000	19.4	20.0	-3.2	20.0
Butadiene	Ave	0.2829	0.2750		19.4	20.0	-2.8	20.0
Bromomethane	Ave	8.584	7.876	0.1000	18.4	20.0	-8.2	50.0
Chloroethane	Ave	0.1703	0.1718	0.1000	20.2	20.0	0.9	50.0
Dichlorofluoromethane	Ave	0.3935	0.3927		20.0	20.0	-0.2	20.0
Trichlorofluoromethane	Ave	0.3038	0.2958	0.1000	19.5	20.0	-2.6	20.0
Pentane	Ave	0.0419	0.0366		34.9	40.0	-12.7	20.0
Ethanol	Ave	0.0600	0.0586		782	800	-2.3	50.0
Ethyl ether	Ave	0.1971	0.1752		17.8	20.0	-11.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2106	0.1905		18.1	20.0	-9.5	20.0
Acrolein	Ave	0.2484	0.1967		31.7	40.0	-20.8	50.0
1,1-Dichloroethene	Ave	0.2078	0.2021	0.1000	19.5	20.0	-2.7	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2130	0.1917	0.1000	18.0	20.0	-10.0	20.0
Acetone	Lin2		0.1540	0.0500	89.3	100	-10.7	50.0
Iodomethane	Ave	0.1087	0.0665		12.2	20.0	-38.8*	20.0
Isopropyl alcohol	Ave	0.6131	0.5110		167	200	-16.7	50.0
Carbon disulfide	Ave	0.6885	0.7149	0.1000	20.8	20.0	3.8	50.0
Acetonitrile	Ave	0.3934	0.4055		206	200	3.1	20.0
Allyl chloride	QuaF		0.1436		9.68	20.0	-51.6*	20.0
Methyl acetate	Ave	1.756	1.638	0.1000	37.3	40.0	-6.7	20.0
Cyclopentene	Ave	0.5969	0.5378		18.0	20.0	-9.9	20.0
Methylene Chloride	Ave	0.2574	0.2417	0.1000	18.8	20.0	-6.1	20.0
2-Methyl-2-propanol	Ave	1.079	1.008		187	200	-6.6	50.0
Acrylonitrile	Ave	0.0708	0.0553		156	200	-21.9*	20.0
trans-1,2-Dichloroethene	Ave	0.2323	0.2276	0.1000	19.6	20.0	-2.0	20.0
Methyl tert-butyl ether	Ave	0.6648	0.6127	0.1000	18.4	20.0	-7.8	20.0
Hexane	Ave	0.3618	0.3190		17.6	20.0	-11.8	20.0
1,1-Dichloroethane	Ave	0.4384	0.4032	0.2000	18.4	20.0	-8.0	20.0
Vinyl acetate	Ave	0.5069	0.5477		43.2	40.0	8.1	20.0
Isopropyl ether	Ave	0.8045	0.7455		18.5	20.0	-7.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2320	0.2229		19.2	20.0	-3.9	20.0
Tert-butyl ethyl ether	Ave	0.7902	0.7061		17.9	20.0	-10.6	20.0
2,2-Dichloropropane	Ave	0.0787	0.0760		19.3	20.0	-3.5	20.0
cis-1,2-Dichloroethene	Ave	0.2565	0.2487	0.1000	19.4	20.0	-3.1	20.0
2-Butanone	Ave	0.2593	0.2557	0.0500	98.6	100	-1.4	50.0
Propionitrile	Ave	0.2644	0.2605		197	200	-1.5	20.0
Ethyl acetate	Ave	0.2577	0.2445		38.0	40.0	-5.1	20.0
Methyl acrylate	Ave	0.2201	0.1789		16.3	20.0	-18.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-727063/2 Calibration Date: 09/26/2020 20:58

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63765.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
Methacrylonitrile	Ave	0.0909	0.0797		175	200	-12.3	20.0
Chlorobromomethane	Ave	0.1174	0.1126		19.2	20.0	-4.0	20.0
Tetrahydrofuran	Ave	0.6802	0.6091		35.8	40.0	-10.5	20.0
Chloroform	Ave	0.3865	0.3528	0.2000	18.3	20.0	-8.7	20.0
1,1,1-Trichloroethane	Ave	0.3265	0.2907	0.1000	17.8	20.0	-11.0	20.0
Cyclohexane	Ave	0.3647	0.3130	0.1000	17.2	20.0	-14.2	50.0
1,1-Dichloropropene	Ave	0.3318	0.3031		18.3	20.0	-8.7	20.0
Carbon tetrachloride	Ave	0.2522	0.2181	0.1000	17.3	20.0	-13.5	20.0
Isobutyl alcohol	Ave	0.4874	0.4328		444	500	-11.2	50.0
Benzene	Ave	1.189	1.144	0.5000	19.3	20.0	-3.7	20.0
1,2-Dichloroethane	Ave	0.2913	0.2535	0.1000	17.4	20.0	-13.0	20.0
2,2,4-Trimethylpentane	Ave	0.7084	0.6197		17.5	20.0	-12.5	20.0
Isopropyl acetate	Ave	0.0908	0.0767		16.9	20.0	-15.5	20.0
Tert-amyl methyl ether	Ave	0.6952	0.6214		17.9	20.0	-10.6	20.0
n-Heptane	Ave	0.3036	0.2579		17.0	20.0	-15.0	20.0
n-Butanol	Ave	0.3279	0.2995		457	500	-8.7	50.0
Trichloroethene	Ave	0.2446	0.2361	0.2000	19.3	20.0	-3.5	20.0
Ethyl acrylate	Ave	0.3093	0.2396		15.5	20.0	-22.5*	20.0
Methylcyclohexane	Ave	0.4262	0.3788	0.1000	17.8	20.0	-11.1	50.0
1,2-Dichloropropane	Ave	0.2632	0.2481	0.1000	18.9	20.0	-5.7	20.0
Dibromomethane	Ave	0.1390	0.1264		18.2	20.0	-9.1	20.0
1,4-Dioxane	Ave	1.087	0.9312		343	400	-14.4	50.0
Methyl methacrylate	Ave	0.0687	0.0603		35.1	40.0	-12.2	20.0
n-Propyl acetate	Ave	0.3424	0.2664		15.6	20.0	-22.2*	20.0
Bromodichloromethane	Ave	0.2983	0.2708	0.2000	18.2	20.0	-9.2	20.0
2-Nitropropane	Ave	0.0428	0.0297		27.8	40.0	-30.5*	20.0
2-Chloroethyl vinyl ether	Lin2		0.1317		17.6	20.0	-12.3	20.0
Epichlorohydrin	Ave	0.2354	0.2278		387	400	-3.2	20.0
cis-1,3-Dichloropropene	Ave	0.5168	0.4746	0.2000	18.4	20.0	-8.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.272	2.186	0.0500	96.3	100	-3.7	50.0
Toluene	Ave	1.291	1.235	0.4000	19.1	20.0	-4.3	20.0
trans-1,3-Dichloropropene	Ave	0.4519	0.4024	0.1000	17.8	20.0	-10.9	50.0
Ethyl methacrylate	Ave	0.3959	0.3499		17.7	20.0	-11.6	20.0
1,1,2-Trichloroethane	Ave	0.2261	0.2161	0.1000	19.1	20.0	-4.4	20.0
Tetrachloroethene	Ave	0.3008	0.2945	0.2000	19.6	20.0	-2.1	20.0
1,3-Dichloropropane	Ave	0.4796	0.4446		18.5	20.0	-7.3	20.0
2-Hexanone	Ave	1.578	1.481	0.0500	93.9	100	-6.1	50.0
Dibromochloromethane	Ave	0.2606	0.2373	0.1000	18.2	20.0	-8.9	50.0
n-Butyl acetate	Ave	0.4559	0.3767		16.5	20.0	-17.4	20.0
Ethylene Dibromide	Ave	0.2714	0.2517	0.1000	18.6	20.0	-7.2	20.0
Chlorobenzene	Ave	0.8602	0.8359	0.5000	19.4	20.0	-2.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-727063/2 Calibration Date: 09/26/2020 20:58

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63765.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1,2-Tetrachloroethane	Ave	0.2670	0.2586		19.4	20.0	-3.2	20.0
Ethylbenzene	Ave	0.4523	0.4404	0.1000	19.5	20.0	-2.6	20.0
m-Xylene & p-Xylene	Ave	0.5791	0.5531	0.1000	19.1	20.0	-4.5	20.0
o-Xylene	Ave	0.5795	0.5618	0.3000	19.4	20.0	-3.1	20.0
Styrene	Ave	0.9397	0.9490	0.3000	20.2	20.0	1.0	20.0
n-Butyl acrylate	Ave	0.2223	0.2016		18.1	20.0	-9.3	20.0
Bromoform	Ave	0.1599	0.1362	0.1000	17.0	20.0	-14.8	20.0
Amyl acetate (mixed isomers)	Ave	1.091	0.9467		17.4	20.0	-13.2	20.0
Isopropylbenzene	Ave	1.446	1.420	0.1000	19.6	20.0	-1.8	20.0
Bromobenzene	Ave	0.7169	0.7018		19.6	20.0	-2.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7252	0.6449	0.3000	17.8	20.0	-11.1	20.0
1,2,3-Trichloropropane	Ave	0.1972	0.1811		18.4	20.0	-8.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1941	0.1464		15.1	20.0	-24.6*	20.0
N-Propylbenzene	Ave	3.326	3.084		18.5	20.0	-7.3	20.0
2-Chlorotoluene	Ave	2.061	1.974		19.2	20.0	-4.2	20.0
4-Ethyltoluene	Ave	2.777	2.572		18.5	20.0	-7.4	20.0
4-Chlorotoluene	Ave	2.069	2.003		19.4	20.0	-3.2	20.0
1,3,5-Trimethylbenzene	Ave	2.122	1.999		18.8	20.0	-5.8	20.0
Butyl Methacrylate	Ave	0.8492	0.7354		17.3	20.0	-13.4	20.0
tert-Butylbenzene	Ave	2.092	1.887		18.0	20.0	-9.8	20.0
1,2,4-Trimethylbenzene	Ave	2.120	1.887		17.8	20.0	-11.0	20.0
sec-Butylbenzene	Ave	2.993	2.716		18.2	20.0	-9.2	20.0
1,3-Dichlorobenzene	Ave	1.346	1.310	0.6000	19.5	20.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.309	1.242	0.5000	19.0	20.0	-5.1	20.0
4-Isopropyltoluene	Ave	2.306	2.027		17.6	20.0	-12.1	20.0
1,2,3-Trimethylbenzene	Ave	2.066	1.795		17.4	20.0	-13.1	20.0
Benzyl chloride	Ave	0.2606	0.2155		16.5	20.0	-17.3	50.0
Indan	Ave	2.410	2.298		19.1	20.0	-4.6	20.0
1,2-Dichlorobenzene	Ave	1.288	1.239	0.4000	19.2	20.0	-3.9	20.0
p-Diethylbenzene	Ave	1.167	1.009		17.3	20.0	-13.5	20.0
n-Butylbenzene	Ave	1.060	0.8832		16.7	20.0	-16.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1446	0.1227	0.0500	17.0	20.0	-15.2	50.0
1,2,4,5-Tetramethylbenzene	Ave	1.249	1.736		27.8	20.0	39.0*	20.0
1,3,5-Trichlorobenzene	Ave	0.7349	0.6847		18.6	20.0	-6.8	20.0
1,2,4-Trichlorobenzene	Ave	0.6182	0.5953	0.2000	19.3	20.0	-3.7	20.0
Hexachlorobutadiene	Ave	0.3117	0.2962		19.0	20.0	-5.0	20.0
Naphthalene	Ave	1.088	1.206		22.2	20.0	10.9	50.0
1,2,3-Trichlorobenzene	Ave	0.5252	0.5194		19.8	20.0	-1.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2313	0.2365		51.1	50.0	2.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2607	0.2458		47.2	50.0	-5.7	20.0
Toluene-d8 (Surr)	Ave	1.234	1.300		52.7	50.0	5.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-727063/2 Calibration Date: 09/26/2020 20:58

Instrument ID: CVOAMS12 Calib Start Date: 09/21/2020 06:14

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/21/2020 12:04

Lab File ID: O63765.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
Bromofluorobenzene	Ave	0.3751	0.3937		52.5	50.0	5.0	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63765.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 26-Sep-2020 20:58:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS12
Sublist: chrom-8260W_12*sub25

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Sep-2020 01:45:01 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1015

First Level Reviewer: boykink Date: 27-Sep-2020 01:45:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	0.921	0.921	0.000	99	49459	20.0	15.6	
6 Chloromethane	50	1.057	1.057	0.000	98	57320	20.0	19.0	
7 Vinyl chloride	62	1.078	1.078	0.000	98	57375	20.0	19.4	
8 Butadiene	54	1.093	1.093	0.000	96	51432	20.0	19.4	
9 Bromomethane	94	1.257	1.257	0.000	99	23828	20.0	18.4	
10 Chloroethane	64	1.314	1.314	0.000	99	32122	20.0	20.2	
11 Dichlorofluoromethane	67	1.429	1.429	0.000	99	73433	20.0	20.0	
12 Trichlorofluoromethane	101	1.457	1.457	0.000	98	55323	20.0	19.5	
13 Pentane	72	1.507	1.507	0.000	97	13674	40.0	34.9	
14 Ethanol	46	1.565	1.565	0.000	97	7092	800.0	781.8	
15 Ethyl ether	59	1.622	1.622	0.000	94	32758	20.0	17.8	
17 2-Methyl-1,3-butadiene	53	1.636	1.636	0.000	96	35627	20.0	18.1	
19 Acrolein	56	1.693	1.693	0.000	68	1190	40.0	31.7	
20 1,1-Dichloroethene	96	1.758	1.758	0.000	98	37790	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.765	1.765	0.000	97	35851	20.0	18.0	
22 Acetone	58	1.786	1.786	0.000	89	11993	100.0	89.3	
23 Iodomethane	127	1.851	1.851	0.000	96	12443	20.0	12.2	
24 Isopropyl alcohol	45	1.879	1.879	0.000	99	15459	200.0	166.7	
25 Carbon disulfide	76	1.886	1.886	0.000	99	133701	20.0	20.8	
27 Acetonitrile	38	1.979	1.979	0.000	87	12269	200.0	206.2	
26 3-Chloro-1-propene	76	1.979	1.979	0.000	94	26862	20.0	9.68	
28 Methyl acetate	74	1.994	1.994	0.000	99	9914	40.0	37.3	
29 Cyclopentene	67	2.036	2.036	0.000	97	100578	20.0	18.0	
30 Methylene Chloride	84	2.058	2.058	0.000	90	45193	20.0	18.8	
* 31 TBA-d9 (IS)	65	2.079	2.079	0.000	100	151268	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.137	2.137	0.000	99	30508	200.0	186.9	
33 Acrylonitrile	53	2.215	2.215	0.000	95	103367	200.0	156.2	
34 trans-1,2-Dichloroethene	96	2.244	2.244	0.000	96	42558	20.0	19.6	
35 Methyl tert-butyl ether	73	2.251	2.251	0.000	98	114576	20.0	18.4	
36 Hexane	57	2.444	2.444	0.000	93	59661	20.0	17.6	
37 1,1-Dichloroethane	63	2.530	2.530	0.000	99	75410	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
38 Vinyl acetate	86	2.580	2.580	0.000	100	17059	40.0	43.2	
39 Isopropyl ether	45	2.601	2.601	0.000	89	139419	20.0	18.5	
40 2-Chloro-1,3-butadiene	88	2.608	2.608	0.000	87	41679	20.0	19.2	
41 Tert-butyl ethyl ether	59	2.880	2.880	0.000	89	132057	20.0	17.9	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	99	194651	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.973	2.973	0.000	95	46505	20.0	19.4	
43 2,2-Dichloropropane	97	2.973	2.973	0.000	75	14215	20.0	19.3	
45 2-Butanone (MEK)	72	2.995	2.995	0.000	99	19910	100.0	98.6	
46 Propionitrile	52	3.030	3.030	0.000	95	7880	200.0	197.1	
47 Ethyl acetate	70	3.052	3.052	0.000	100	7616	40.0	38.0	
48 Methyl acrylate	55	3.080	3.080	0.000	99	33461	20.0	16.3	
49 Methacrylonitrile	67	3.159	3.159	0.000	92	149092	200.0	175.3	
50 Chlorobromomethane	128	3.166	3.166	0.000	88	21064	20.0	19.2	
51 Tetrahydrofuran	42	3.216	3.216	0.000	83	18969	40.0	35.8	
52 Chloroform	83	3.245	3.245	0.000	99	65980	20.0	18.3	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	110594	50.0	51.1	
54 1,1,1-Trichloroethane	97	3.402	3.402	0.000	98	54358	20.0	17.8	
55 Cyclohexane	84	3.452	3.452	0.000	90	58539	20.0	17.2	
56 Carbon tetrachloride	117	3.545	3.545	0.000	96	40780	20.0	17.3	
57 1,1-Dichloropropene	75	3.545	3.545	0.000	97	56685	20.0	18.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	114926	50.0	47.2	
59 Isobutyl alcohol	43	3.688	3.688	0.000	95	32735	500.0	444.0	
60 Benzene	78	3.731	3.731	0.000	95	172614	20.0	19.3	
61 1,2-Dichloroethane	62	3.745	3.745	0.000	96	47400	20.0	17.4	
62 Isooctane	57	3.831	3.831	0.000	96	115890	20.0	17.5	
63 Isopropyl acetate	61	3.838	3.838	0.000	91	14341	20.0	16.9	
64 Tert-amyl methyl ether	73	3.860	3.860	0.000	93	116210	20.0	17.9	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	467537	50.0	50.0	
66 n-Heptane	43	4.024	4.024	0.000	93	48239	20.0	17.0	
67 n-Butanol	56	4.360	4.360	0.000	87	22654	500.0	456.7	
68 Trichloroethene	95	4.375	4.375	0.000	99	44145	20.0	19.3	
69 Ethyl acrylate	55	4.525	4.525	0.000	98	44811	20.0	15.5	
70 Methylcyclohexane	83	4.575	4.575	0.000	96	70845	20.0	17.8	
71 1,2-Dichloropropane	63	4.596	4.596	0.000	94	46402	20.0	18.9	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	22642	1000.0	1000.0	
73 Dibromomethane	93	4.718	4.718	0.000	98	23635	20.0	18.2	
74 1,4-Dioxane	88	4.768	4.768	0.000	30	8434	400.0	342.5	
75 Methyl methacrylate	100	4.775	4.775	0.000	90	22565	40.0	35.1	
76 n-Propyl acetate	43	4.861	4.861	0.000	98	49814	20.0	15.6	
77 Dichlorobromomethane	83	4.911	4.911	0.000	100	50646	20.0	18.2	
78 2-Nitropropane	41	5.175	5.175	0.000	97	11108	40.0	27.8	
79 2-Chloroethyl vinyl ether	63	5.297	5.297	0.000	96	24682	20.0	17.6	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	70956	400.0	387.1	
81 cis-1,3-Dichloropropene	75	5.440	5.440	0.000	92	71606	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.662	5.662	0.000	95	170240	100.0	96.3	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	490470	50.0	52.7	
84 Toluene	91	5.848	5.848	0.000	93	186280	20.0	19.1	
85 trans-1,3-Dichloropropene	75	6.155	6.155	0.000	97	60707	20.0	17.8	
86 Ethyl methacrylate	69	6.334	6.334	0.000	90	52783	20.0	17.7	
87 1,1,2-Trichloroethane	83	6.377	6.377	0.000	94	32608	20.0	19.1	
88 Tetrachloroethene	166	6.548	6.548	0.000	97	44435	20.0	19.6	
89 1,3-Dichloropropane	76	6.591	6.591	0.000	93	67074	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 2-Hexanone	43	6.770	6.770	0.000	94	115291	100.0	93.9	
91 Chlorodibromomethane	129	6.884	6.884	0.000	98	35795	20.0	18.2	
92 n-Butyl acetate	43	6.999	6.999	0.000	99	56826	20.0	16.5	
93 Ethylene Dibromide	107	7.013	7.013	0.000	98	37977	20.0	18.6	
* 94 Chlorobenzene-d5	117	7.699	7.699	0.000	85	377157	50.0	50.0	
95 Chlorobenzene	112	7.742	7.742	0.000	96	126099	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	7.885	7.885	0.000	95	39015	20.0	19.4	
97 Ethylbenzene	106	7.950	7.950	0.000	98	66438	20.0	19.5	
98 m-Xylene & p-Xylene	106	8.136	8.136	0.000	100	83436	20.0	19.1	
99 o-Xylene	106	8.729	8.729	0.000	94	84749	20.0	19.4	
100 Styrene	104	8.758	8.758	0.000	96	143163	20.0	20.2	
101 n-Butyl acrylate	73	8.815	8.815	0.000	98	30411	20.0	18.1	
102 Bromoform	173	8.979	8.979	0.000	97	20551	20.0	17.0	
103 Amyl acetate (mixed isomers)	43	9.208	9.208	0.000	92	70413	20.0	17.4	
104 Isopropylbenzene	105	9.337	9.337	0.000	95	214208	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	88	148498	50.0	52.5	
106 Bromobenzene	156	9.730	9.730	0.000	99	52201	20.0	19.6	
107 1,1,2,2-Tetrachloroethane	83	9.845	9.845	0.000	98	47968	20.0	17.8	
108 1,2,3-Trichloropropane	110	9.866	9.866	0.000	98	13471	20.0	18.4	
109 trans-1,4-Dichloro-2-butene	53	9.945	9.945	0.000	90	10892	20.0	15.1	
110 N-Propylbenzene	91	10.009	10.009	0.000	99	229378	20.0	18.5	
111 2-Chlorotoluene	91	10.088	10.088	0.000	97	146826	20.0	19.2	
112 4-Ethyltoluene	105	10.209	10.209	0.000	100	191331	20.0	18.5	
113 4-Chlorotoluene	91	10.274	10.274	0.000	96	148997	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	10.331	10.331	0.000	93	148678	20.0	18.8	
115 Butyl Methacrylate	87	10.610	10.610	0.000	90	54703	20.0	17.3	
116 tert-Butylbenzene	119	10.846	10.846	0.000	95	140343	20.0	18.0	
117 1,2,4-Trimethylbenzene	105	10.938	10.938	0.000	97	140337	20.0	17.8	
118 sec-Butylbenzene	105	11.217	11.217	0.000	99	202052	20.0	18.2	
119 1,3-Dichlorobenzene	146	11.303	11.303	0.000	96	97469	20.0	19.5	
* 120 1,4-Dichlorobenzene-d4	152	11.410	11.410	0.000	95	185951	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.446	11.446	0.000	96	92376	20.0	19.0	
122 4-Isopropyltoluene	119	11.460	11.460	0.000	98	150796	20.0	17.6	
123 1,2,3-Trimethylbenzene	105	11.561	11.561	0.000	98	133531	20.0	17.4	
124 Benzyl chloride	126	11.661	11.661	0.000	99	16030	20.0	16.5	
125 2,3-Dihydroindene	117	11.789	11.789	0.000	95	170937	20.0	19.1	
126 1,2-Dichlorobenzene	146	11.925	11.925	0.000	96	92121	20.0	19.2	
127 p-Diethylbenzene	119	11.975	11.975	0.000	94	75086	20.0	17.3	
128 n-Butylbenzene	92	12.004	12.004	0.000	97	65691	20.0	16.7	
129 1,2-Dibromo-3-Chloropropane	157	12.812	12.812	0.000	96	9124	20.0	17.0	
130 1,2,4,5-Tetramethylbenzene	119	12.833	12.833	0.000	97	129127	20.0	27.8	
131 1,3,5-Trichlorobenzene	180	13.026	13.026	0.000	98	50928	20.0	18.6	
132 1,2,4-Trichlorobenzene	180	13.591	13.591	0.000	94	44277	20.0	19.3	
133 Hexachlorobutadiene	225	13.770	13.770	0.000	94	22033	20.0	19.0	
134 Naphthalene	128	13.791	13.791	0.000	99	89731	20.0	22.2	
135 1,2,3-Trichlorobenzene	180	13.999	13.999	0.000	96	38633	20.0	19.8	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.0	
S 138 Xylenes, Total	100				0		40.0	38.5	
S 139 Total BTEX	1				0		100.0	96.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Sep-2020 01:45:03 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63765.D

Injection Date: 26-Sep-2020 20:58:30 Instrument ID: CVOAMS12 Operator ID:

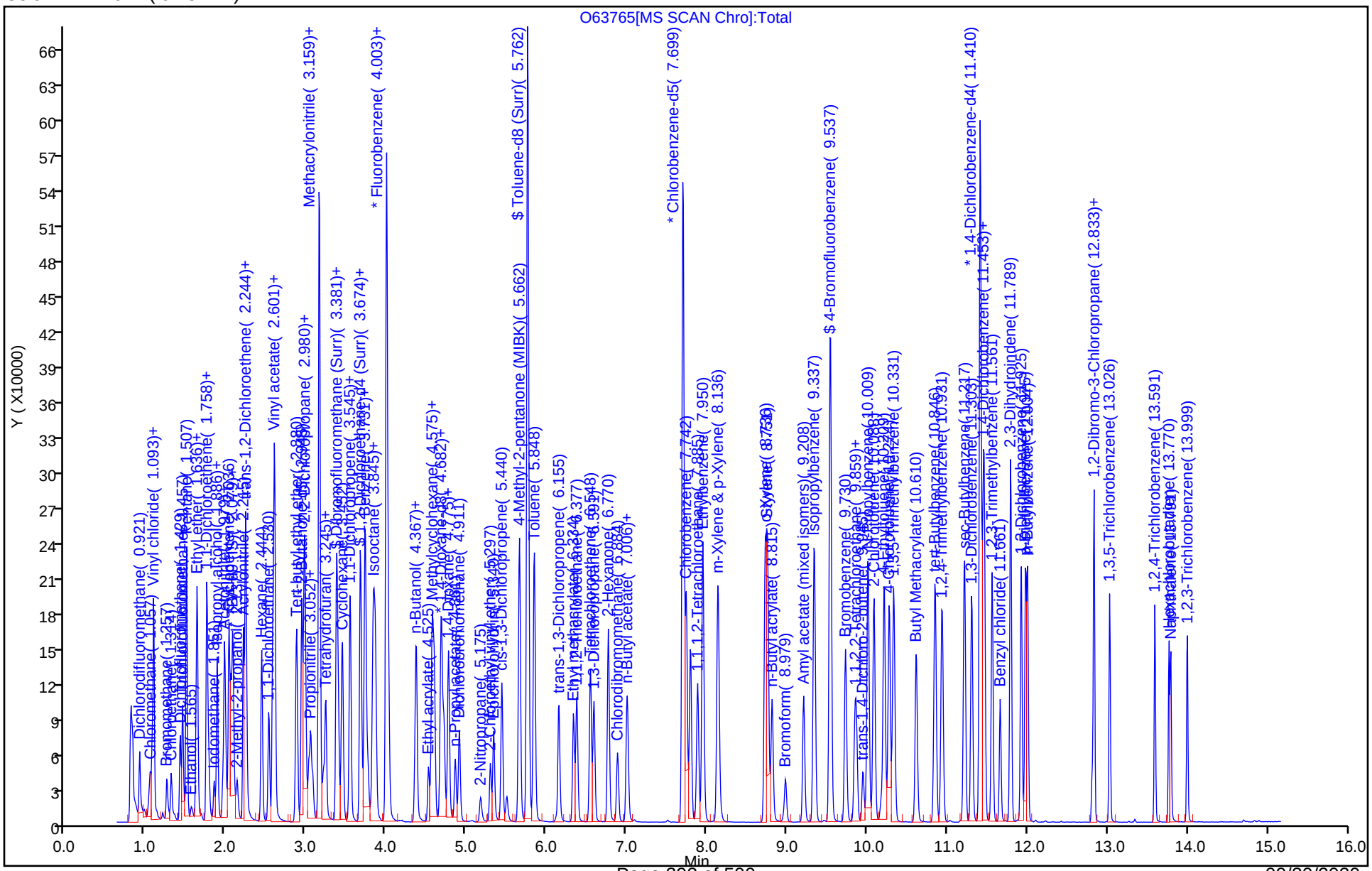
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-721970/18 Calibration Date: 09/04/2020 20:34

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P79368.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	0.0221	0.0097		8.83	20.0	-55.9*	30.0
Chlorotrifluoroethene	Ave	0.0785	0.0566		14.4	20.0	-27.9	30.0
Dichlorodifluoromethane	Ave	0.3371	0.3929	0.1000	23.3	20.0	16.6	30.0
1,1-Difluoroethane	Ave	0.1598	0.1308		16.4	20.0	-18.1	30.0
Chlorodifluoromethane	Ave	0.0462	0.0422		18.3	20.0	-8.5	30.0
Butadiene	Ave	0.3132	0.3432		21.9	20.0	9.6	30.0
Chloromethane	Ave	0.4706	0.5395	0.1000	22.9	20.0	14.6	30.0
Vinyl chloride	Ave	0.3448	0.4126	0.1000	23.9	20.0	19.7	30.0
Bromomethane	Ave	2.558	3.790	0.1000	29.6	20.0	48.2*	30.0
Chloroethane	Ave	0.1832	0.2318	0.1000	25.3	20.0	26.6	30.0
Pentane	Ave	4.304	5.923		55.0	40.0	37.6*	30.0
Trichlorofluoromethane	Ave	0.3147	0.3837	0.1000	24.4	20.0	21.9	30.0
Dichlorofluoromethane	Ave	0.4231	0.4988		23.6	20.0	17.9	30.0
2-Methyl-1,3-butadiene	Ave	0.3621	0.4343		24.0	20.0	19.9	30.0
Ethyl ether	Ave	0.1689	0.2009		23.8	20.0	18.9	30.0
1,1-Dichloroethene	Ave	0.2250	0.2719	0.1000	24.2	20.0	20.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3284	0.3424		20.8	20.0	4.2	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2202	0.2586	0.1000	23.5	20.0	17.5	30.0
Carbon disulfide	Ave	0.8803	0.9881	0.1000	22.4	20.0	12.2	30.0
Ethanol	Ave	0.0830	0.0931		897	800	12.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3408	0.3623		21.3	20.0	6.3	30.0
Iodomethane	QuaF		0.2300		12.9	20.0	-35.4*	30.0
Cyclopentene	Ave	0.6234	0.7513		24.1	20.0	20.5	30.0
Acrolein	Ave	1.943	1.150		23.7	40.1	-40.8*	30.0
Allyl chloride	Ave	0.1438	0.1592		22.1	20.0	10.7	30.0
Isopropyl alcohol	Ave	0.8071	0.8232		204	200	2.0	30.0
Methylene Chloride	Ave	0.2712	0.3066	0.1000	22.6	20.0	13.0	30.0
Acetone	QuaF		0.8158	0.0500	100	100	0.3	30.0
trans-1,2-Dichloroethene	Ave	0.2574	0.2970	0.1000	23.1	20.0	15.4	30.0
Methyl acetate	Ave	9.744	11.24	0.1000	46.1	40.0	15.4	30.0
Hexane	Ave	0.0621	0.0749		24.1	20.0	20.7	30.0
Methyl tert-butyl ether	Ave	0.5264	0.5856	0.1000	22.2	20.0	11.2	30.0
2-Methyl-2-propanol	QuaF		1.293		236	200	18.1	30.0
Acetonitrile	Ave	2.000	2.163		216	200	8.2	30.0
Isopropyl ether	Ave	0.8239	0.9643		23.4	20.0	17.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2359	0.2624		22.3	20.0	11.3	30.0
1,1-Dichloroethane	Ave	0.4778	0.5281	0.2000	22.1	20.0	10.5	30.0
Acrylonitrile	Ave	0.0619	0.0699		226	200	12.8	30.0
Tert-butyl ethyl ether	Ave	0.6791	0.7647		22.5	20.0	12.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-721970/18 Calibration Date: 09/04/2020 20:34

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P79368.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Vinyl acetate	Ave	0.3676	0.3236		35.2	40.0	-12.0	30.0
cis-1,2-Dichloroethene	Ave	0.2848	0.3187	0.1000	22.4	20.0	11.9	30.0
2,2-Dichloropropane	Ave	0.3235	0.3192		19.7	20.0	-1.3	30.0
Cyclohexane	Ave	0.4784	0.5577	0.1000	23.3	20.0	16.6	30.0
Chlorobromomethane	Ave	0.1245	0.1322		21.2	20.0	6.2	30.0
Chloroform	Ave	0.4283	0.4680	0.2000	21.9	20.0	9.3	30.0
Carbon tetrachloride	Ave	0.2525	0.2786	0.1000	22.1	20.0	10.3	30.0
Ethyl acetate	Ave	0.3240	0.3877		47.9	40.0	19.7	30.0
Methyl acrylate	Ave	0.1349	0.1495		22.2	20.0	10.8	30.0
Tetrahydrofuran	Ave	1.130	1.262		44.7	40.0	11.6	30.0
1,1,1-Trichloroethane	Ave	0.3442	0.3840	0.1000	22.3	20.0	11.6	30.0
1,1-Dichloropropene	QuaF		0.4000		21.5	20.0	7.4	30.0
2-Butanone	Ave	0.3653	0.4231	0.0500	116	100	15.8	30.0
2,2,4-Trimethylpentane	Ave	0.7550	0.8355		22.1	20.0	10.7	30.0
n-Heptane	Ave	0.1853	0.1933		20.9	20.0	4.3	30.0
Benzene	Ave	1.561	1.763	0.5000	22.6	20.0	12.9	30.0
Propionitrile	Ave	2.122	2.469		233	200	16.3	30.0
Methacrylonitrile	Ave	0.0687	0.0775		226	200	12.9	30.0
Tert-amyl methyl ether	Ave	0.5651	0.6443		22.8	20.0	14.0	30.0
1,2-Dichloroethane	Ave	0.2794	0.3005	0.1000	21.5	20.0	7.5	30.0
Isobutyl alcohol	Ave	0.5347	0.5433		508	500	1.6	30.0
Isopropyl acetate	Ave	0.3173	0.3187		20.1	20.0	0.5	30.0
Methylcyclohexane	Ave	0.4413	0.5026	0.1000	22.8	20.0	13.9	30.0
Trichloroethene	Ave	0.2699	0.3063	0.2000	22.7	20.0	13.5	30.0
Dibromomethane	Ave	0.1204	0.1317		21.9	20.0	9.4	30.0
n-Butanol	QuaF		0.2955		448	500	-10.5	30.0
1,2-Dichloropropane	Ave	0.2703	0.3030	0.1000	22.4	20.0	12.1	30.0
Bromodichloromethane	Ave	0.2965	0.3312	0.2000	22.3	20.0	11.7	30.0
Ethyl acrylate	Qua2		0.2032		22.4	20.0	11.9	30.0
Methyl methacrylate	Ave	0.0402	0.0465		46.2	40.0	15.6	30.0
1,4-Dioxane	Ave	1.153	1.264		438	400	9.6	30.0
n-Propyl acetate	Ave	0.2033	0.2201		21.7	20.0	8.3	30.0
2-Chloroethyl vinyl ether	Ave	0.0511	0.0407		15.9	20.0	-20.3	30.0
cis-1,3-Dichloropropene	Ave	0.5114	0.5562	0.2000	21.8	20.0	8.8	30.0
Toluene	Ave	1.586	1.759	0.4000	22.2	20.0	10.9	30.0
Epichlorohydrin	QuaF		0.0485		11.4	20.0	-43.2*	30.0
2-Nitropropane	Ave	0.0268	0.0259		38.6	40.0	-3.5	30.0
Tetrachloroethene	Ave	0.3736	0.4062	0.2000	21.7	20.0	8.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.586	3.009	0.0500	116	100	16.3	30.0
trans-1,3-Dichloropropene	Ave	0.4064	0.4205	0.1000	20.7	20.0	3.5	30.0
1,1,2-Trichloroethane	Ave	0.2163	0.2398	0.1000	22.2	20.0	10.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-721970/18 Calibration Date: 09/04/2020 20:34

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P79368.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methacrylate	Ave	0.2123	0.2356		22.2	20.0	11.0	30.0
Dibromochloromethane	Ave	0.2791	0.3028	0.1000	21.7	20.0	8.5	30.0
1,3-Dichloropropane	Ave	0.4502	0.5002		22.2	20.0	11.1	30.0
Ethylene Dibromide	Ave	0.2324	0.2641	0.1000	22.7	20.0	13.7	30.0
n-Butyl acetate	Qua2		0.3323		21.8	20.0	9.1	30.0
2-Hexanone	Ave	1.736	2.066	0.0500	119	100	19.0	30.0
Chlorobenzene	Ave	0.9935	1.098	0.5000	22.1	20.0	10.5	30.0
Ethylbenzene	Ave	0.5568	0.6154	0.1000	22.1	20.0	10.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3075	0.3412		22.2	20.0	11.0	30.0
m-Xylene & p-Xylene	Ave	0.6531	0.7498	0.1000	23.0	20.0	14.8	30.0
o-Xylene	Ave	0.6608	0.7377	0.3000	22.3	20.0	11.6	30.0
Bromoform	Ave	0.1577	0.1690	0.1000	21.4	20.0	7.2	30.0
Styrene	Ave	1.057	1.212	0.3000	22.9	20.0	14.7	30.0
n-Butyl acrylate	Qua2		0.1920		21.7	20.0	8.3	30.0
Isopropylbenzene	Ave	1.714	1.942	0.1000	22.7	20.0	13.3	30.0
Amyl acetate (mixed isomers)	Qua2		0.7905		21.8	20.0	9.2	30.0
Bromobenzene	Ave	0.7390	0.8320		22.5	20.0	12.6	30.0
N-Propylbenzene	Ave	3.698	4.166		22.5	20.0	12.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5126	0.5414	0.3000	21.1	20.0	5.6	30.0
2-Chlorotoluene	Ave	2.548	2.813		22.1	20.0	10.4	30.0
4-Ethyltoluene	Ave	3.072	3.485		22.7	20.0	13.4	30.0
1,2,3-Trichloropropane	Ave	0.1356	0.1510		22.3	20.0	11.3	30.0
1,3,5-Trimethylbenzene	Ave	2.564	2.870		22.4	20.0	11.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.0979	0.0972		19.9	20.0	-0.7	30.0
4-Chlorotoluene	Ave	2.239	2.513		22.5	20.0	12.3	30.0
tert-Butylbenzene	Ave	2.217	2.487		22.4	20.0	12.2	30.0
1,2,4-Trimethylbenzene	Ave	2.645	2.944		22.3	20.0	11.3	30.0
Butyl Methacrylate	Qua2		0.7940		22.2	20.0	11.2	30.0
sec-Butylbenzene	Ave	3.367	3.753		22.3	20.0	11.5	30.0
1,3-Dichlorobenzene	Ave	1.460	1.599	0.6000	21.9	20.0	9.6	30.0
4-Isopropyltoluene	Ave	2.840	3.182		22.4	20.0	12.1	30.0
1,4-Dichlorobenzene	Ave	1.537	1.672	0.5000	21.8	20.0	8.8	30.0
1,2,3-Trimethylbenzene	Ave	2.680	3.043		22.7	20.0	13.6	30.0
Indan	Ave	2.600	2.962		22.8	20.0	13.9	30.0
Benzyl chloride	Qua2		0.1436		18.5	20.0	-7.4	30.0
p-Diethylbenzene	Ave	1.431	1.659		23.2	20.0	15.9	30.0
n-Butylbenzene	Ave	2.589	2.847		22.0	20.0	10.0	30.0
1,2-Dichlorobenzene	Ave	1.336	1.464	0.4000	21.9	20.0	9.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.492	2.877		23.1	20.0	15.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0853	0.0895	0.0500	21.0	20.0	4.8	30.0
1,3,5-Trichlorobenzene	Ave	1.060	1.194		22.5	20.0	12.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: ICV 460-721970/18 Calibration Date: 09/04/2020 20:34

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P79368.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	0.8895	0.9706	0.2000	21.8	20.0	9.1	30.0
Hexachlorobutadiene	Ave	0.3928	0.4115		21.0	20.0	4.8	30.0
Naphthalene	Ave	1.641	1.606		19.6	20.0	-2.1	30.0
1,2,3-Trichlorobenzene	Ave	0.7279	0.7668		21.1	20.0	5.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2153	0.2277		52.9	50.0	5.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2161	0.2355		54.5	50.0	9.0	30.0
Toluene-d8 (Surr)	Ave	1.290	1.397		54.2	50.0	8.3	30.0
Bromofluorobenzene	Ave	0.4048	0.4425		54.7	50.0	9.3	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Sep-2020 20:34:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0116303-018
Operator ID: Instrument ID: CVOAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 10-Sep-2020 10:32:29 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1019

First Level Reviewer: baronm Date: 10-Sep-2020 10:37:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	0.742	0.721	0.021	68	2025	20.0	8.83	M
2 Chlorotrifluoroethene	116	0.756	0.756	0.000	88	11768	20.0	14.4	
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	81758	20.0	23.3	
4 1,1-Difluoroethane	65	0.807	0.807	0.000	89	27217	20.0	16.4	
5 Chlorodifluoromethane	67	0.828	0.814	0.014	96	8790	20.0	18.3	a
6 Chloromethane	50	0.893	0.892	0.001	97	112258	20.0	22.9	
8 Butadiene	54	0.893	0.892	0.001	97	71406	20.0	21.9	
7 Vinyl chloride	62	0.893	0.892	0.001	97	85863	20.0	23.9	
9 Bromomethane	94	1.036	1.036	0.000	99	40540	20.0	29.6	
10 Chloroethane	64	1.093	1.093	0.000	99	48243	20.0	25.3	M
11 Pentane	72	1.150	1.150	0.000	97	23140	40.0	55.0	
12 Trichlorofluoromethane	101	1.150	1.150	0.000	55	79843	20.0	24.4	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	103796	20.0	23.6	
14 2-Methyl-1,3-butadiene	67	1.287	1.286	0.001	96	90380	20.0	24.0	
15 Ethyl ether	59	1.294	1.294	0.000	95	41795	20.0	23.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	1.387	1.387	0.000	70	71240	20.0	20.8	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	56570	20.0	24.2	
16 Ethanol	46	1.408	1.408	0.000	27	7271	800.0	897.3	a
19 Carbon disulfide	76	1.408	1.408	0.000	99	205612	20.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	93	53810	20.0	23.5	
21 1,1,1-Trifluoro-2,2-dichloroetha	83	1.415	1.415	0.000	96	75396	20.0	21.3	
22 Iodomethane	142	1.466	1.466	0.000	96	47852	20.0	12.9	
23 Cyclopentene	67	1.537	1.537	0.000	96	156335	20.0	24.1	
24 Acrolein	56	1.559	1.559	0.000	93	4500	40.1	23.7	
25 3-Chloro-1-propene	76	1.630	1.630	0.000	94	33122	20.0	22.1	
26 Isopropyl alcohol	45	1.659	1.659	0.000	97	16080	200.0	204.0	
27 Methylene Chloride	84	1.695	1.695	0.000	92	63803	20.0	22.6	
28 Acetone	43	1.709	1.716	-0.007	87	43630	100.0	100.3	
29 trans-1,2-Dichloroethene	96	1.774	1.774	0.000	93	61805	20.0	23.1	
30 Methyl acetate	43	1.781	1.781	0.000	98	43917	40.0	46.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Hexane	86	1.817	1.817	0.000	90	15587	20.0	24.1	
32 Methyl tert-butyl ether	73	1.831	1.838	-0.007	88	121848	20.0	22.2	
* 33 TBA-d9 (IS)	65	1.860	1.860	0.000	100	97671	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.903	1.902	0.001	100	25252	200.0	236.2	
35 Acetonitrile	41	1.981	1.981	0.000	99	42255	200.0	216.4	
36 Isopropyl ether	45	2.053	2.053	0.000	98	200655	20.0	23.4	
37 2-Chloro-1,3-butadiene	88	2.110	2.110	0.000	89	54607	20.0	22.3	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	109900	20.0	22.1	
39 Acrylonitrile	53	2.153	2.153	0.000	95	145372	200.0	225.7	
40 Tert-butyl ethyl ether	59	2.275	2.275	0.000	89	159126	20.0	22.5	
41 Vinyl acetate	43	2.282	2.282	0.000	100	134675	40.0	35.2	
42 cis-1,2-Dichloroethene	96	2.461	2.461	0.000	96	66317	20.0	22.4	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	66429	20.0	19.7	
44 Cyclohexane	56	2.583	2.583	0.000	91	116054	20.0	23.3	
45 Chlorobromomethane	128	2.590	2.590	0.000	95	27499	20.0	21.2	
46 Chloroform	83	2.647	2.647	0.000	98	97387	20.0	21.9	
47 Carbon tetrachloride	117	2.733	2.733	0.000	99	57978	20.0	22.1	
48 Ethyl acetate	70	2.748	2.748	0.000	99	8293	40.0	47.9	
49 Methyl acrylate	55	2.748	2.748	0.000	87	31099	20.0	22.2	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	26995	40.0	44.7	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.776	0.000	98	118453	50.0	52.9	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	97	79909	20.0	22.3	
* 53 2-Butanone-d5	46	2.834	2.834	0.000	100	133699	250.0	250.0	
55 1,1-Dichloropropene	75	2.870	2.869	0.001	98	83245	20.0	21.5	
54 2-Butanone (MEK)	72	2.870	2.869	0.001	98	22626	100.0	115.8	
56 Isooctane	57	2.956	2.955	0.001	99	173853	20.0	22.1	
57 n-Heptane	57	3.049	3.049	0.000	95	40223	20.0	20.9	
58 Benzene	78	3.056	3.056	0.000	96	259468	20.0	22.6	
59 Propionitrile	54	3.077	3.077	0.000	92	48225	200.0	232.7	
60 Methacrylonitrile	67	3.092	3.092	0.000	91	161245	200.0	225.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	122509	50.0	54.5	
62 Tert-amyl methyl ether	73	3.163	3.163	0.000	99	134062	20.0	22.8	
63 1,2-Dichloroethane	62	3.213	3.213	0.000	96	62523	20.0	21.5	
64 Isobutyl alcohol	43	3.292	3.292	0.000	96	26531	500.0	508.0	
65 t-Amyl alcohol	59	3.357	3.357	0.000	92	17589	200.0	207.5	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	520222	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	66324	20.0	20.1	
68 Methylcyclohexane	83	3.514	3.507	0.007	96	104591	20.0	22.8	
69 Trichloroethene	130	3.536	3.536	0.000	98	63738	20.0	22.7	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	93	130315	20.0	22.5	
71 Dibromomethane	93	3.894	3.894	0.000	96	27403	20.0	21.9	
72 n-Butanol	56	3.915	3.915	0.000	89	14430	500.0	447.5	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	92	63048	20.0	22.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	68909	20.0	22.3	
74 Ethyl acrylate	55	4.066	4.066	0.000	97	42288	20.0	22.4	
* 76 1,4-Dioxane-d8	96	4.238	4.238	0.000	88	13148	1000.0	1000.0	
77 Methyl methacrylate	100	4.259	4.259	0.000	91	19358	40.0	46.2	
78 1,4-Dioxane	88	4.266	4.273	-0.007	35	6649	400.0	438.5	
79 n-Propyl acetate	43	4.417	4.417	0.000	100	45801	20.0	21.7	
80 2-Chloroethyl vinyl ether	63	4.667	4.675	-0.008	97	8479	20.0	15.9	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	81874	20.0	21.8	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	514202	50.0	54.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	4.940	4.940	0.000	93	258968	20.0	22.2	
84 Epichlorohydrin	57	4.990	4.983	0.007	1	519	20.0	11.4	a
85 2-Nitropropane	41	5.190	5.197	-0.007	97	10773	40.0	38.6	a
86 Tetrachloroethene	166	5.362	5.362	0.000	98	59791	20.0	21.7	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.405	0.000	97	160902	100.0	116.3	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	61904	20.0	20.7	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	35299	20.0	22.2	
90 Ethyl methacrylate	69	5.699	5.699	0.000	90	49030	20.0	22.2	
91 Chlorodibromomethane	129	5.799	5.799	0.000	98	44574	20.0	21.7	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	95	73642	20.0	22.2	
93 Ethylene Dibromide	107	6.043	6.050	-0.007	98	38884	20.0	22.7	
94 n-Butyl acetate	43	6.401	6.401	0.000	99	48921	20.0	21.8	
95 2-Hexanone	43	6.458	6.458	0.000	96	110481	100.0	119.0	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	87	368030	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	161644	20.0	22.1	
98 Ethylbenzene	106	6.831	6.831	0.000	98	90587	20.0	22.1	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	94	50235	20.0	22.2	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	110382	20.0	23.0	
101 o-Xylene	106	7.626	7.626	0.000	94	108595	20.0	22.3	
102 Bromoform	173	7.697	7.690	0.007	95	24879	20.0	21.4	
103 Styrene	104	7.712	7.719	-0.007	96	178474	20.0	22.9	
104 n-Butyl acrylate	73	8.056	8.056	0.000	98	28260	20.0	21.7	
105 Isopropylbenzene	105	8.113	8.113	0.000	96	285869	20.0	22.7	
106 Amyl acetate (mixed isomers)	43	8.471	8.471	0.000	89	64894	20.0	21.8	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	92	162869	50.0	54.7	
108 Bromobenzene	156	8.586	8.586	0.000	97	68300	20.0	22.5	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	341964	20.0	22.5	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	99	44441	20.0	21.1	
111 2-Chlorotoluene	91	8.908	8.908	0.000	96	230889	20.0	22.1	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	286112	20.0	22.7	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	12392	20.0	22.3	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	235599	20.0	22.4	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.166	0.000	64	7977	20.0	19.9	
116 4-Chlorotoluene	91	9.173	9.173	0.000	98	206334	20.0	22.5	
117 tert-Butylbenzene	119	9.546	9.545	0.001	96	204188	20.0	22.4	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	241642	20.0	22.3	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	65181	20.0	22.2	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	308098	20.0	22.3	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	131304	20.0	21.9	
122 4-Isopropyltoluene	119	10.119	10.118	0.001	98	261251	20.0	22.4	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	205232	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	96	137233	20.0	21.8	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	249810	20.0	22.7	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	243174	20.0	22.8	
127 Benzyl chloride	126	10.713	10.713	0.000	96	11791	20.0	18.5	
128 p-Diethylbenzene	119	10.727	10.727	0.000	93	136183	20.0	23.2	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	233725	20.0	22.0	
130 1,2-Dichlorobenzene	146	10.914	10.921	-0.007	97	120160	20.0	21.9	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	236206	20.0	23.1	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	92	7344	20.0	21.0	
133 1,3,5-Trichlorobenzene	180	12.117	12.124	-0.007	97	98006	20.0	22.5	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	93	79678	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 Hexachlorobutadiene	225	12.841	12.840	0.000	96	33784	20.0	21.0	
136 Naphthalene	128	13.127	13.127	0.000	99	131832	20.0	19.6	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	62945	20.0	21.1	
S 138 1,2-Dichloroethene, Total	100				0		40.0	45.5	
S 139 1,3-Dichloropropene, Total	100				0		40.0	42.4	
S 140 Xylenes, Total	100				0		40.0	45.3	
S 142 Total BTEX	1				0		100.0	112.2	

QC Flag Legend

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00372	Amount Added:	20.00	Units: uL	
8260 SP_00129	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00116	Amount Added:	4.00	Units: uL	
8FreonsSS_00023	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 10-Sep-2020 10:37:26 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D

Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13 Operator ID:

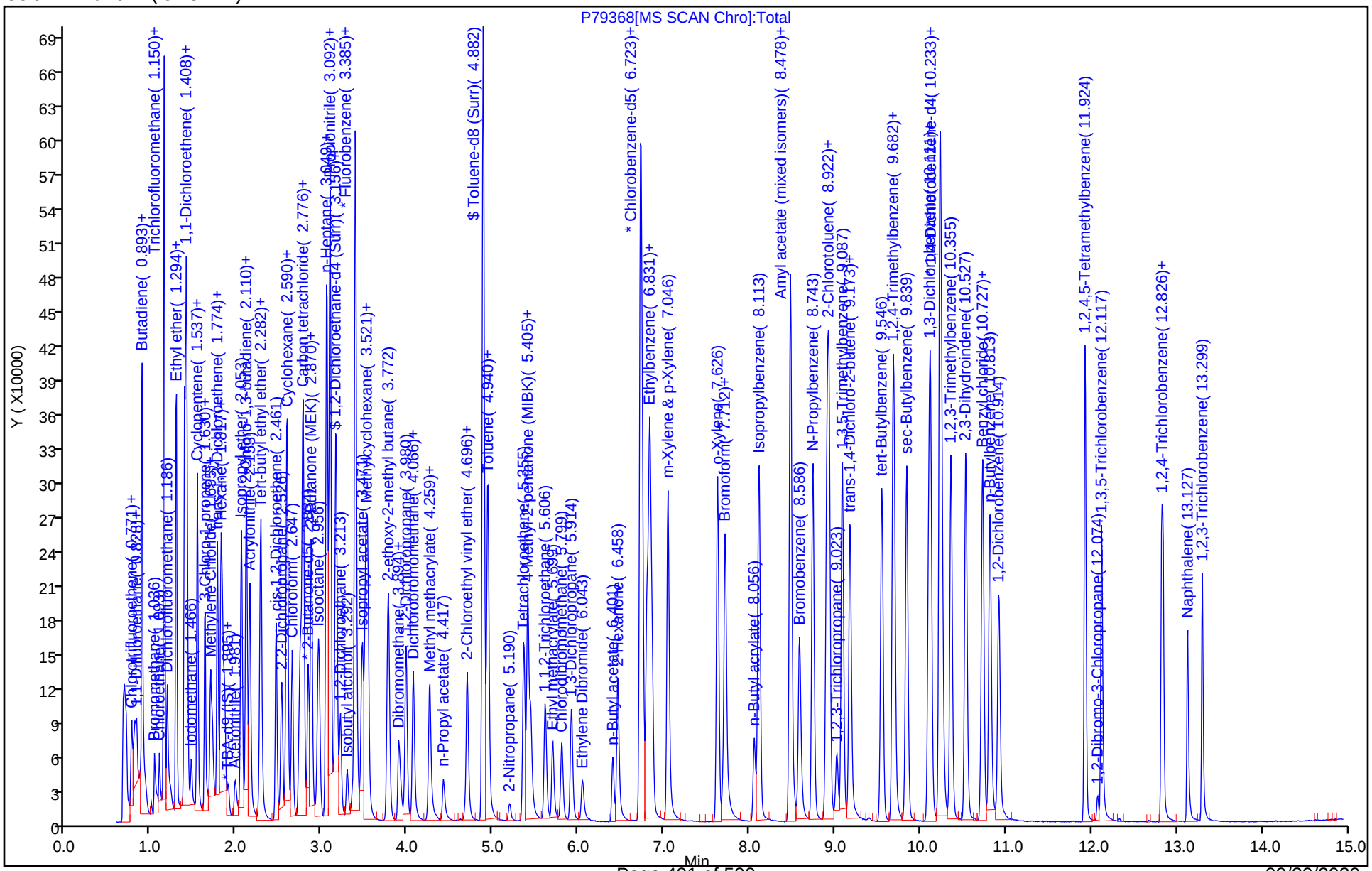
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

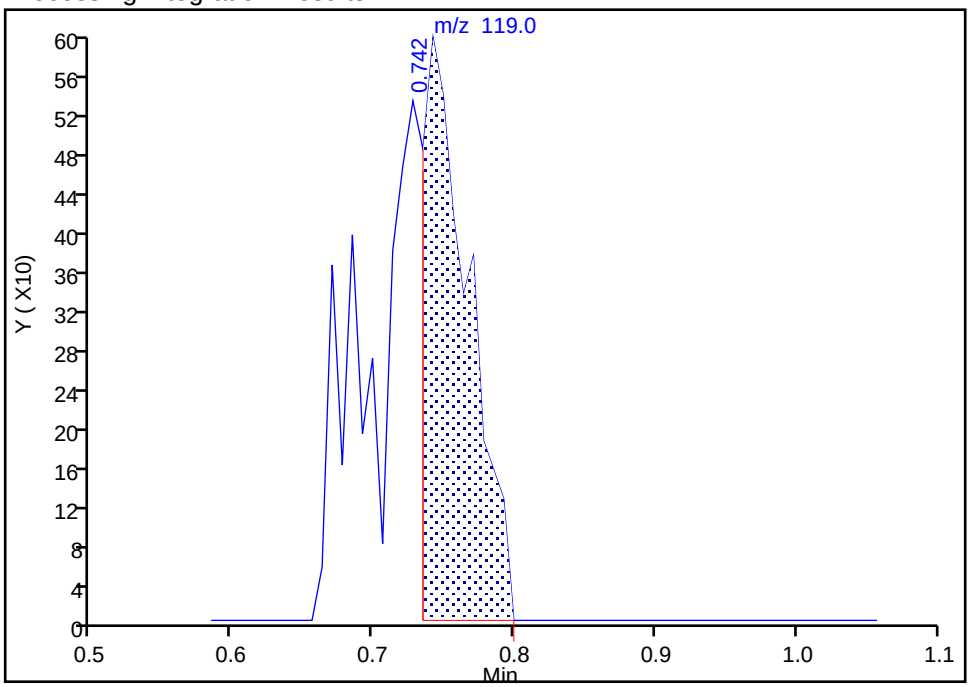
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

1 Monochloropentafluoroethane, CAS: 76-15-3

Signal: 1

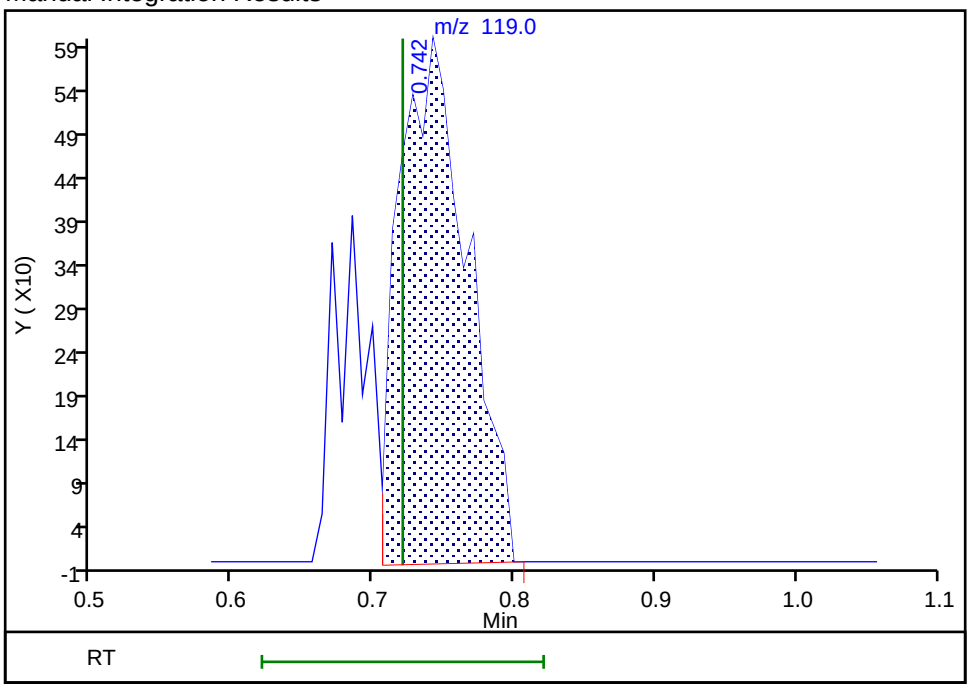
Processing Integration Results

RT: 0.74
Area: 1383
Amount: 6.028105
Amount Units: ug/l



Manual Integration Results

RT: 0.74
Area: 2025
Amount: 8.826402
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:25:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

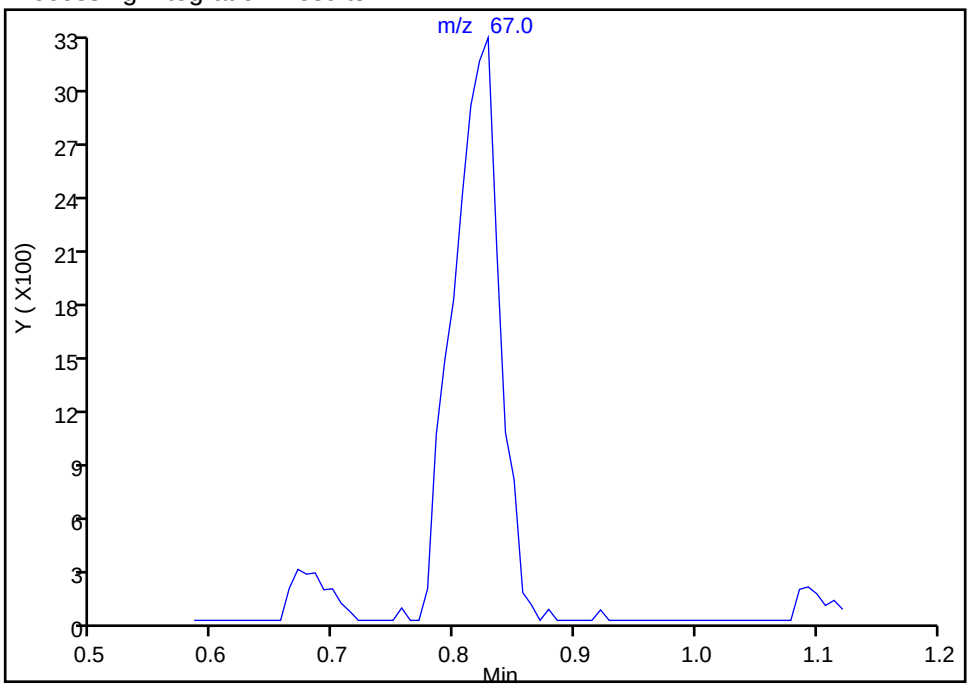
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

5 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

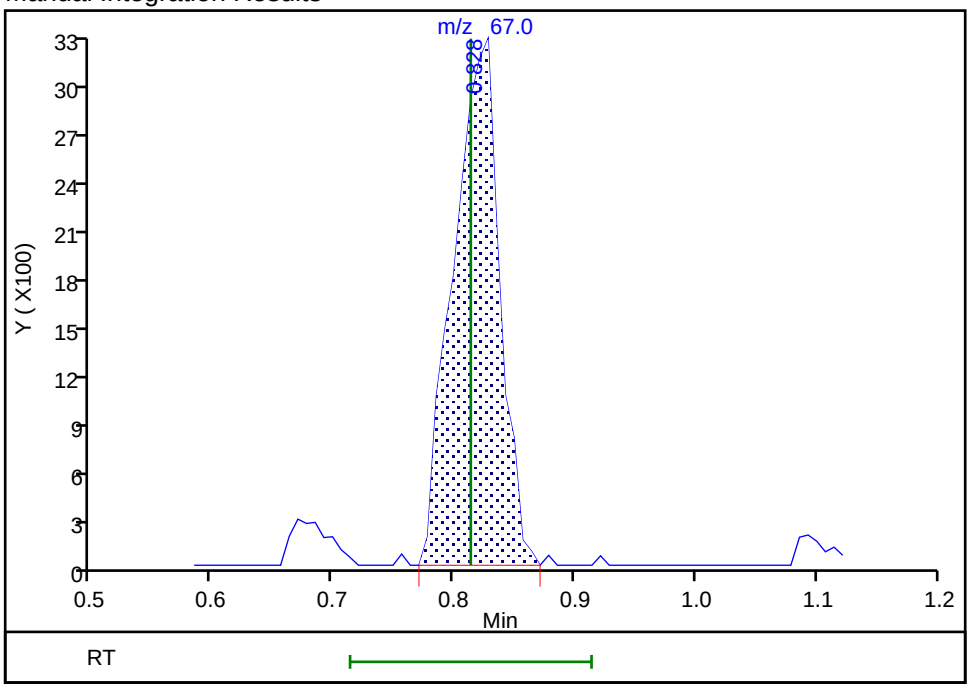
Not Detected
Expected RT: 0.81

Processing Integration Results



Manual Integration Results

RT: 0.83
Area: 8790
Amount: 18.296651
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:25:13
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

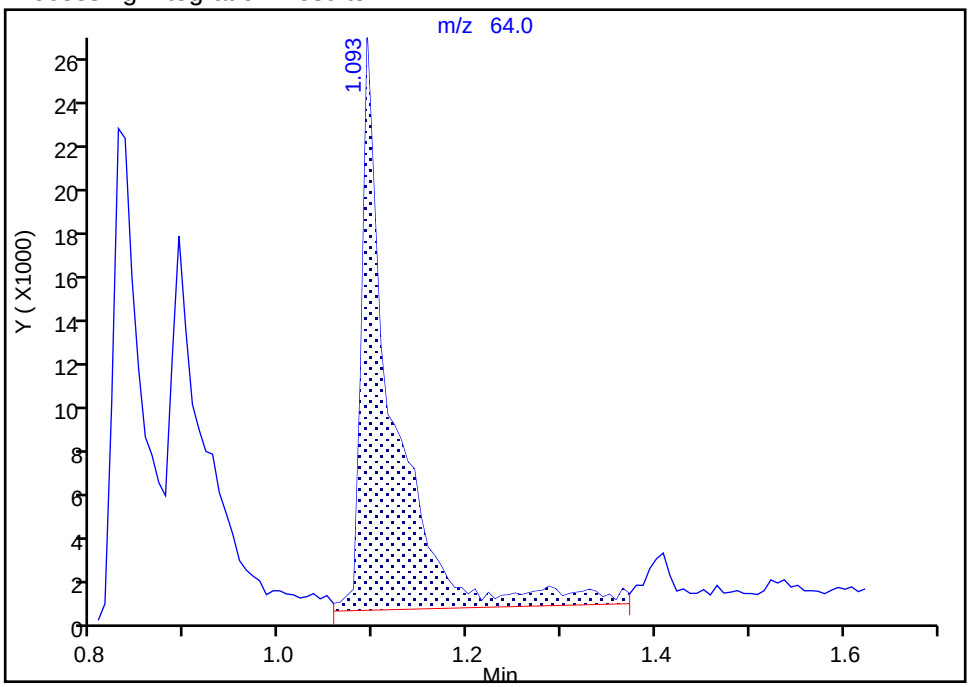
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

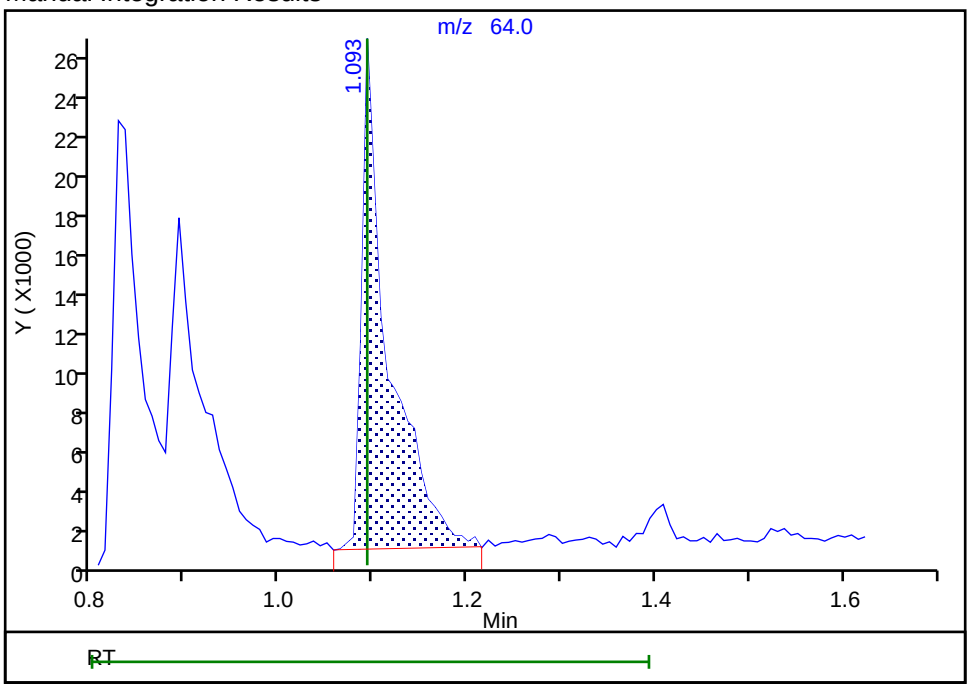
Processing Integration Results

RT: 1.09
Area: 56666
Amount: 29.733128
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 48243
Amount: 25.313509
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:25:37
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

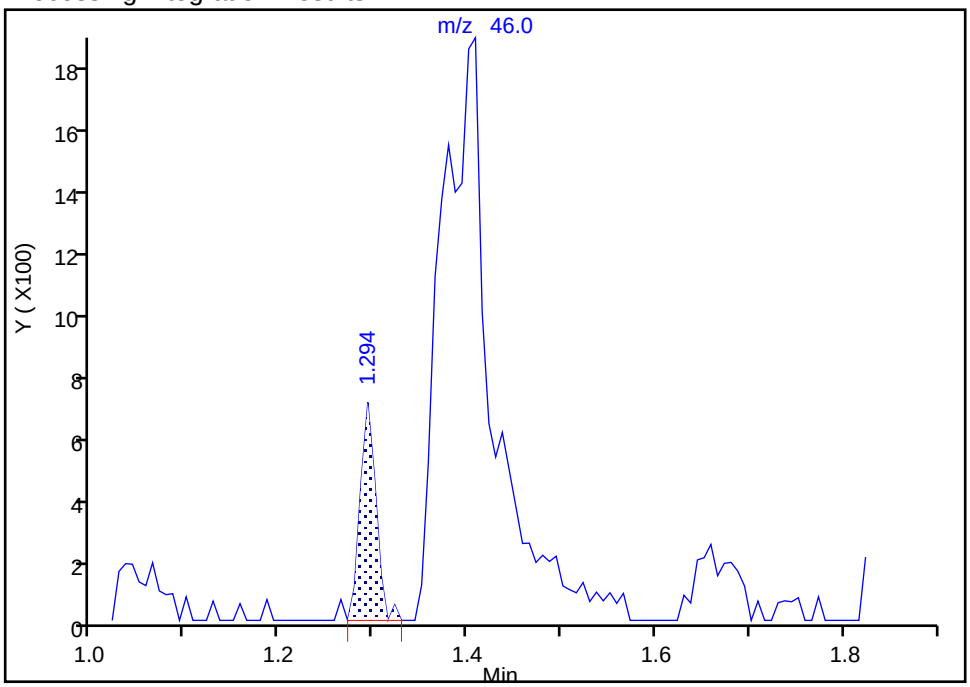
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

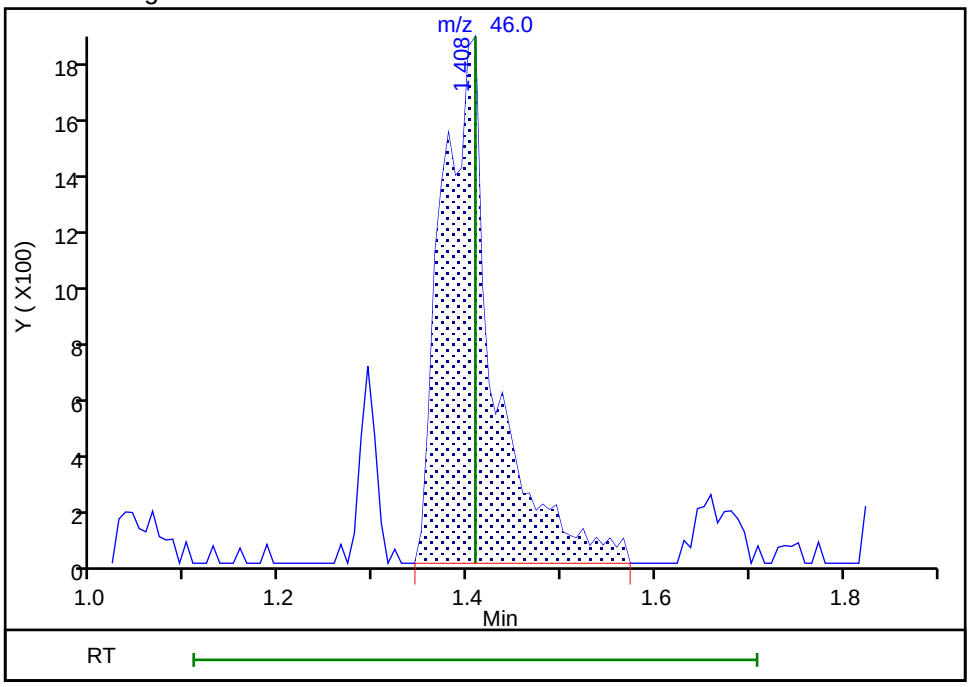
Processing Integration Results

RT: 1.29
Area: 822
Amount: 101.4361
Amount Units: ug/l



Manual Integration Results

RT: 1.41
Area: 7271
Amount: 897.2526
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:25:52
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

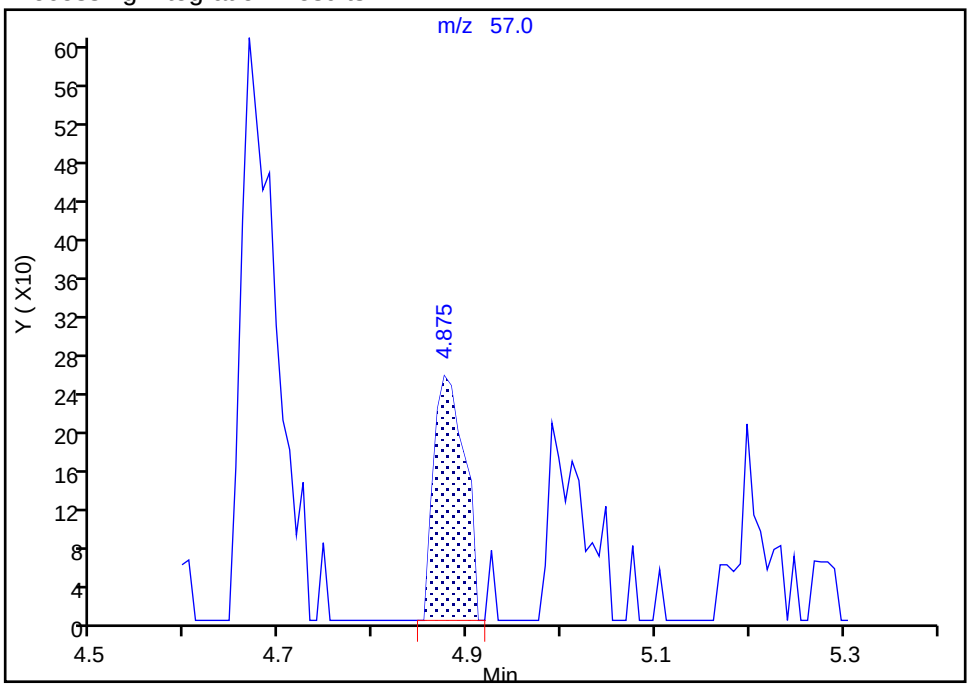
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

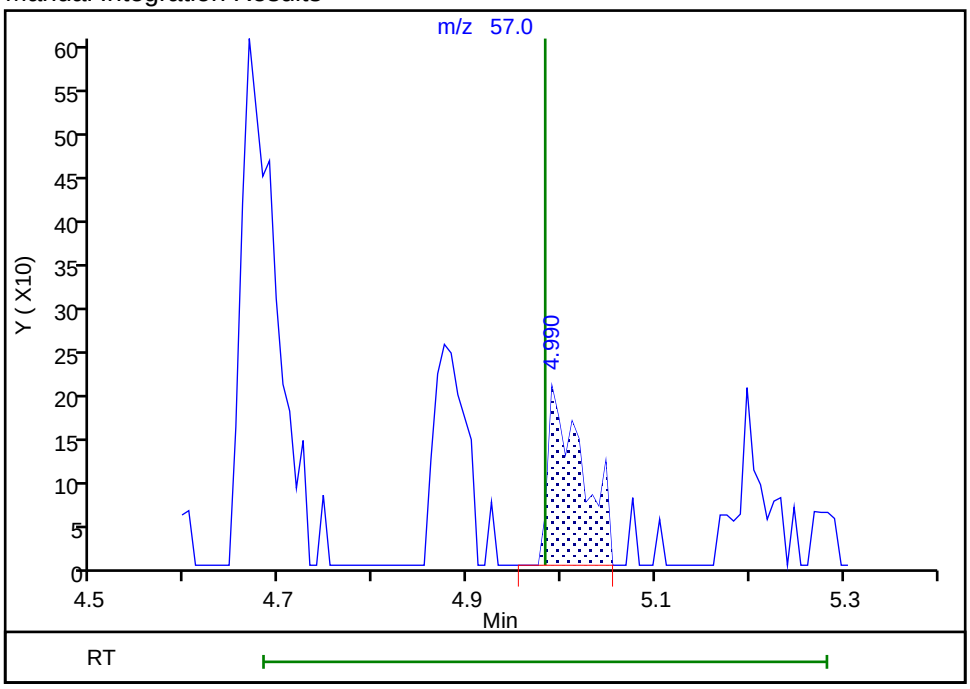
Processing Integration Results

RT: 4.88
Area: 583
Amount: 12.750933
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 519
Amount: 11.352370
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:26:44
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

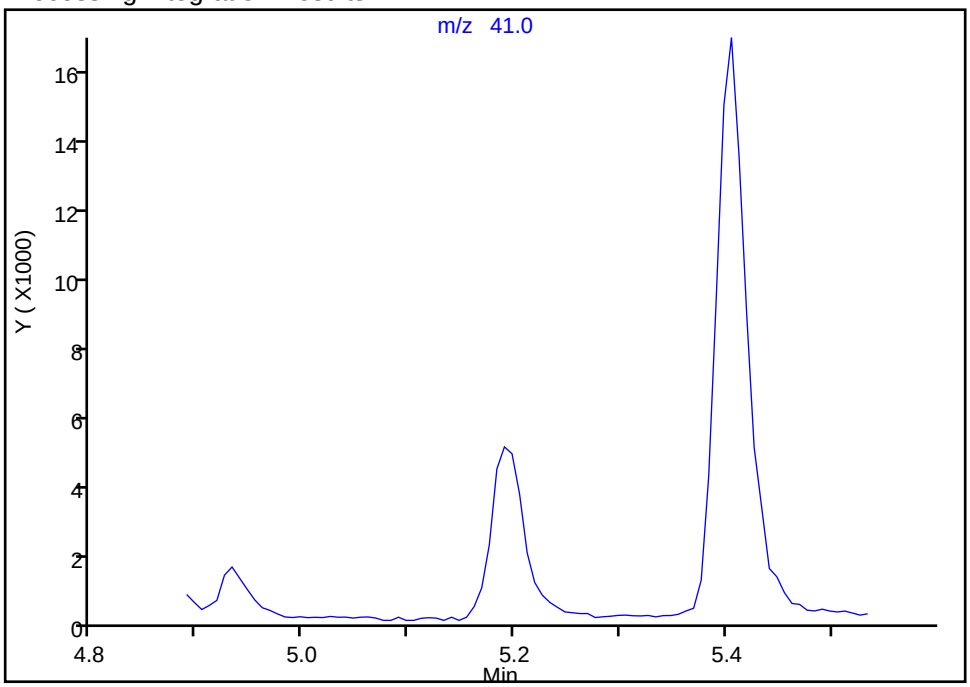
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79368.D
Injection Date: 04-Sep-2020 20:34:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

85 2-Nitropropane, CAS: 79-46-9

Signal: 1

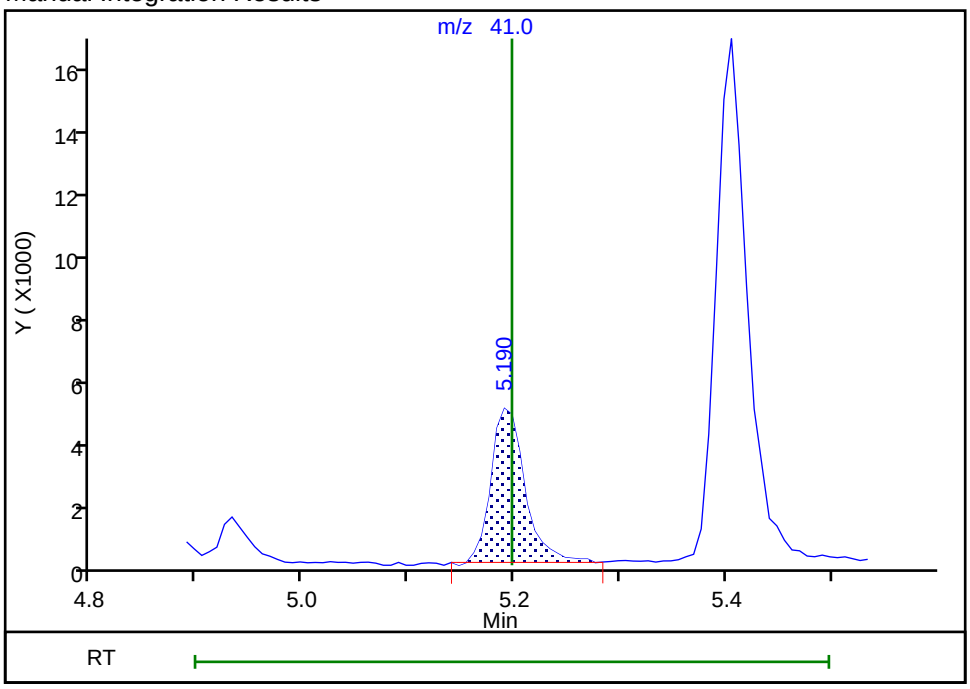
Not Detected
Expected RT: 5.20

Processing Integration Results



Manual Integration Results

RT: 5.19
Area: 10773
Amount: 38.589874
Amount Units: ug/l



Reviewer: baronm, 06-Sep-2020 07:26:52
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-726662/3 Calibration Date: 09/25/2020 10:05

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P80221.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3371	0.4073	0.1000	24.2	20.0	20.8*	20.0
Butadiene	Ave	0.3132	0.3575		22.8	20.0	14.2	20.0
Chloromethane	Ave	0.4706	0.5001	0.1000	21.3	20.0	6.3	20.0
Vinyl chloride	Ave	0.3448	0.3996	0.1000	23.2	20.0	15.9	20.0
Bromomethane	Ave	2.558	4.853	0.1000	37.9	20.0	89.7*	50.0
Chloroethane	Ave	0.1832	0.1793	0.1000	19.6	20.0	-2.1	50.0
Pentane	Ave	4.304	6.077		56.5	40.0	41.2*	20.0
Trichlorofluoromethane	Ave	0.3147	0.4273	0.1000	27.2	20.0	35.8*	20.0
Dichlorofluoromethane	Ave	0.4231	0.5313		25.1	20.0	25.6*	20.0
2-Methyl-1,3-butadiene	Ave	0.3621	0.4453		24.6	20.0	23.0*	20.0
Ethyl ether	Ave	0.1689	0.1837		21.8	20.0	8.8	20.0
1,1-Dichloroethene	Ave	0.2250	0.2469	0.1000	21.9	20.0	9.7	20.0
Carbon disulfide	Ave	0.8803	0.9776	0.1000	22.2	20.0	11.1	50.0
Ethanol	Ave	0.0830	0.0829		799	800	-0.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2202	0.2540	0.1000	23.1	20.0	15.4	20.0
Iodomethane	QuaF		0.2590		14.5	20.0	-27.3*	20.0
Cyclopentene	Ave	0.6234	0.6551		21.0	20.0	5.1	20.0
Acrolein	Ave	1.943	1.404		28.9	40.0	-27.8	50.0
Allyl chloride	Ave	0.1438	0.1351		18.8	20.0	-6.0	20.0
Isopropyl alcohol	Ave	0.8071	0.6412		159	200	-20.6	50.0
Methylene Chloride	Ave	0.2712	0.2683	0.1000	19.8	20.0	-1.1	20.0
Acetone	QuaF		1.070	0.0500	132	100	32.1	50.0
trans-1,2-Dichloroethene	Ave	0.2574	0.2603	0.1000	20.2	20.0	1.1	20.0
Methyl acetate	Ave	9.744	10.02	0.1000	41.1	40.0	2.9	20.0
Hexane	Ave	0.0621	0.0670		21.6	20.0	7.9	20.0
Methyl tert-butyl ether	Ave	0.5264	0.4949	0.1000	18.8	20.0	-6.0	20.0
2-Methyl-2-propanol	QuaF		1.019		186	200	-6.9	50.0
Acetonitrile	Ave	2.000	1.586		159	200	-20.7*	20.0
Isopropyl ether	Ave	0.8239	0.7639		18.5	20.0	-7.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2359	0.2431		20.6	20.0	3.1	20.0
1,1-Dichloroethane	Ave	0.4778	0.4829	0.2000	20.2	20.0	1.1	20.0
Acrylonitrile	Ave	0.0619	0.0542		175	200	-12.5	20.0
Tert-butyl ethyl ether	Ave	0.6791	0.6130		18.1	20.0	-9.7	20.0
Vinyl acetate	Ave	0.3676	0.3037		33.1	40.0	-17.4	20.0
cis-1,2-Dichloroethene	Ave	0.2848	0.2793	0.1000	19.6	20.0	-1.9	20.0
2,2-Dichloropropane	Ave	0.3235	0.2597		16.1	20.0	-19.7	20.0
Cyclohexane	Ave	0.4784	0.4896	0.1000	20.5	20.0	2.4	50.0
Chlorobromomethane	Ave	0.1245	0.1198		19.2	20.0	-3.8	20.0
Chloroform	Ave	0.4283	0.4253	0.2000	19.9	20.0	-0.7	20.0
Carbon tetrachloride	Ave	0.2525	0.2061	0.1000	16.3	20.0	-18.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-726662/3 Calibration Date: 09/25/2020 10:05

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P80221.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	0.3240	0.4133		51.0	40.0	27.5*	20.0
Methyl acrylate	Ave	0.1349	0.1176		17.4	20.0	-12.9	20.0
Tetrahydrofuran	Ave	1.130	1.332		47.1	40.0	17.8	20.0
1,1,1-Trichloroethane	Ave	0.3442	0.3550	0.1000	20.6	20.0	3.1	20.0
2-Butanone	Ave	0.3653	0.4419	0.0500	121	100	21.0	50.0
1,1-Dichloropropene	QuaF		0.3976		21.4	20.0	6.8	20.0
2,2,4-Trimethylpentane	Ave	0.7550	0.7870		20.8	20.0	4.2	20.0
Benzene	Ave	1.561	1.450	0.5000	18.6	20.0	-7.1	20.0
n-Heptane	Ave	0.1853	0.2000		21.6	20.0	7.9	20.0
Propionitrile	Ave	2.122	1.814		171	200	-14.5	20.0
Methacrylonitrile	Ave	0.0687	0.0601		175	200	-12.4	20.0
Tert-amyl methyl ether	Ave	0.5651	0.5075		18.0	20.0	-10.2	20.0
1,2-Dichloroethane	Ave	0.2794	0.2600	0.1000	18.6	20.0	-7.0	20.0
Isobutyl alcohol	Ave	0.5347	0.4319		404	500	-19.2	50.0
Isopropyl acetate	Ave	0.3173	0.2577		16.2	20.0	-18.8	20.0
Methylcyclohexane	Ave	0.4413	0.4666	0.1000	21.1	20.0	5.7	50.0
Trichloroethene	Ave	0.2699	0.2772	0.2000	20.5	20.0	2.7	20.0
Dibromomethane	Ave	0.1204	0.1145		19.0	20.0	-4.9	20.0
n-Butanol	QuaF		0.1974		300	500	-40.1	50.0
1,2-Dichloropropane	Ave	0.2703	0.2629	0.1000	19.5	20.0	-2.7	20.0
Ethyl acrylate	Qua2		0.1568		17.4	20.0	-13.0	20.0
Bromodichloromethane	Ave	0.2965	0.2877	0.2000	19.4	20.0	-3.0	20.0
Methyl methacrylate	Ave	0.0402	0.0375		37.2	40.0	-6.9	20.0
1,4-Dioxane	Ave	1.153	1.096		380	400	-5.0	50.0
n-Propyl acetate	Ave	0.2033	0.1760		17.3	20.0	-13.4	20.0
2-Chloroethyl vinyl ether	Ave	0.0511	0.0133		5.20	20.0	-74.1*	20.0
cis-1,3-Dichloropropene	Ave	0.5114	0.4526	0.2000	17.7	20.0	-11.5	50.0
Toluene	Ave	1.586	1.522	0.4000	19.2	20.0	-4.0	20.0
Epichlorohydrin	QuaF		0.0480		221	400	-44.7*	20.0
2-Nitropropane	Ave	0.0268	0.0213		31.8	40.0	-20.5*	20.0
Tetrachloroethene	Ave	0.3736	0.3822	0.2000	20.5	20.0	2.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.586	3.351	0.0500	130	100	29.6	50.0
trans-1,3-Dichloropropene	Ave	0.4064	0.3508	0.1000	17.3	20.0	-13.7	50.0
1,1,2-Trichloroethane	Ave	0.2163	0.1955	0.1000	18.1	20.0	-9.6	20.0
Ethyl methacrylate	Ave	0.2123	0.1993		18.8	20.0	-6.1	20.0
Dibromochloromethane	Ave	0.2791	0.2535	0.1000	18.2	20.0	-9.1	50.0
1,3-Dichloropropane	Ave	0.4502	0.4159		18.5	20.0	-7.6	20.0
Ethylene Dibromide	Ave	0.2324	0.2158	0.1000	18.6	20.0	-7.1	20.0
n-Butyl acetate	Qua2		0.2351		15.6	20.0	-22.1*	20.0
2-Hexanone	Ave	1.736	2.148	0.0500	124	100	23.8	50.0
Chlorobenzene	Ave	0.9935	0.9824	0.5000	19.8	20.0	-1.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-726662/3 Calibration Date: 09/25/2020 10:05

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P80221.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.5568	0.5491	0.1000	19.7	20.0	-1.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3075	0.2984		19.4	20.0	-3.0	20.0
m-Xylene & p-Xylene	Ave	0.6531	0.6571	0.1000	20.1	20.0	0.6	20.0
o-Xylene	Ave	0.6608	0.6326	0.3000	19.1	20.0	-4.3	20.0
Bromoform	Ave	0.1577	0.1462	0.1000	18.5	20.0	-7.3	20.0
Styrene	Ave	1.057	0.997	0.3000	18.9	20.0	-5.7	20.0
n-Butyl acrylate	Qua2		0.1505		17.1	20.0	-14.6	20.0
Isopropylbenzene	Ave	1.714	1.677	0.1000	19.6	20.0	-2.1	20.0
Amyl acetate (mixed isomers)	Qua2		0.6275		17.4	20.0	-12.8	20.0
Bromobenzene	Ave	0.7390	0.7241		19.6	20.0	-2.0	20.0
N-Propylbenzene	Ave	3.698	3.673		19.9	20.0	-0.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5126	0.4713	0.3000	18.4	20.0	-8.0	20.0
2-Chlorotoluene	Ave	2.548	2.369		18.6	20.0	-7.0	20.0
4-Ethyltoluene	Ave	3.072	2.978		19.4	20.0	-3.1	20.0
1,2,3-Trichloropropane	Ave	0.1356	0.1287		19.0	20.0	-5.1	20.0
1,3,5-Trimethylbenzene	Ave	2.564	2.426		18.9	20.0	-5.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.0979	0.0948		19.4	20.0	-3.1	20.0
4-Chlorotoluene	Ave	2.239	2.115		18.9	20.0	-5.6	20.0
tert-Butylbenzene	Ave	2.217	2.114		19.1	20.0	-4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.645	2.480		18.8	20.0	-6.2	20.0
Butyl Methacrylate	Qua2		0.6533		18.4	20.0	-8.0	20.0
sec-Butylbenzene	Ave	3.367	3.269		19.4	20.0	-2.9	20.0
1,3-Dichlorobenzene	Ave	1.460	1.389	0.6000	19.0	20.0	-4.9	20.0
4-Isopropyltoluene	Ave	2.840	2.762		19.5	20.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.537	1.457	0.5000	19.0	20.0	-5.2	20.0
1,2,3-Trimethylbenzene	Ave	2.680	2.448		18.3	20.0	-8.7	20.0
Indan	Ave	2.600	2.477		19.1	20.0	-4.7	20.0
Benzyl chloride	Qua2		0.1199		15.6	20.0	-22.1	50.0
p-Diethylbenzene	Ave	1.431	1.391		19.4	20.0	-2.8	20.0
n-Butylbenzene	Ave	2.589	2.572		19.9	20.0	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.336	1.272	0.4000	19.0	20.0	-4.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.492	2.281		18.3	20.0	-8.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0853	0.0740	0.0500	17.3	20.0	-13.3	50.0
1,3,5-Trichlorobenzene	Ave	1.060	1.045		19.7	20.0	-1.4	20.0
1,2,4-Trichlorobenzene	Ave	0.8895	0.7803	0.2000	17.5	20.0	-12.3	20.0
Hexachlorobutadiene	Ave	0.3928	0.3735		19.0	20.0	-4.9	20.0
Naphthalene	Ave	1.641	1.263		15.4	20.0	-23.0	50.0
1,2,3-Trichlorobenzene	Ave	0.7279	0.5177		14.2	20.0	-28.9*	20.0
Dibromofluoromethane (Surr)	Ave	0.2153	0.2153		50.0	50.0	0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2161	0.2077		48.1	50.0	-3.9	20.0
Toluene-d8 (Surr)	Ave	1.290	1.224		47.4	50.0	-5.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Lab Sample ID: CCVIS 460-726662/3 Calibration Date: 09/25/2020 10:05

Instrument ID: CVOAMS13 Calib Start Date: 09/04/2020 14:09

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/04/2020 16:58

Lab File ID: P80221.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
Bromofluorobenzene	Ave	0.4048	0.3959		48.9	50.0	-2.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 25-Sep-2020 10:05:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0117333-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 14:44:02 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: boykink Date: 25-Sep-2020 20:58:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	99	112395	20.0	24.2	
8 Butadiene	54	0.885	0.885	0.000	96	98676	20.0	22.8	
6 Chloromethane	50	0.885	0.885	0.000	71	138030	20.0	21.3	
7 Vinyl chloride	62	0.893	0.893	0.000	96	110287	20.0	23.2	
9 Bromomethane	94	1.036	1.036	0.000	98	50342	20.0	37.9	
10 Chloroethane	64	1.093	1.093	0.000	99	49483	20.0	19.6	M
11 Pentane	72	1.143	1.143	0.000	97	31002	40.0	56.5	
12 Trichlorofluoromethane	101	1.143	1.143	0.000	62	117922	20.0	27.2	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	146632	20.0	25.1	
14 2-Methyl-1,3-butadiene	67	1.287	1.287	0.000	96	122903	20.0	24.6	
15 Ethyl ether	59	1.294	1.294	0.000	96	50702	20.0	21.8	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	99	68127	20.0	21.9	
19 Carbon disulfide	76	1.401	1.401	0.000	99	269801	20.0	22.2	
16 Ethanol	46	1.401	1.401	0.000	23	8454	800.0	799.0	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	93	70098	20.0	23.1	
22 Iodomethane	142	1.466	1.466	0.000	96	71469	20.0	14.5	
23 Cyclopentene	67	1.537	1.537	0.000	96	180801	20.0	21.0	
24 Acrolein	56	1.559	1.559	0.000	94	7160	40.0	28.9	
25 3-Chloro-1-propene	76	1.623	1.623	0.000	93	37298	20.0	18.8	
26 Isopropyl alcohol	45	1.652	1.652	0.000	97	16353	200.0	158.9	
27 Methylene Chloride	84	1.695	1.695	0.000	94	74038	20.0	19.8	
28 Acetone	43	1.709	1.709	0.000	88	55506	100.0	132.1	
29 trans-1,2-Dichloroethene	96	1.766	1.766	0.000	93	71839	20.0	20.2	
30 Methyl acetate	43	1.781	1.781	0.000	98	51125	40.0	41.1	
31 Hexane	86	1.817	1.817	0.000	90	18482	20.0	21.6	
32 Methyl tert-butyl ether	73	1.831	1.831	0.000	97	136578	20.0	18.8	
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	99	127528	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.888	1.888	0.000	99	25978	200.0	186.2	
35 Acetonitrile	41	1.981	1.981	0.000	99	40450	200.0	158.6	
36 Isopropyl ether	45	2.046	2.046	0.000	97	210825	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 2-Chloro-1,3-butadiene	88	2.103	2.103	0.000	91	67082	20.0	20.6	
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	133284	20.0	20.2	
39 Acrylonitrile	53	2.146	2.146	0.000	92	149454	200.0	175.0	
40 Tert-butyl ethyl ether	59	2.268	2.268	0.000	90	169168	20.0	18.1	
41 Vinyl acetate	43	2.282	2.282	0.000	100	167651	40.0	33.1	
42 cis-1,2-Dichloroethene	96	2.454	2.454	0.000	96	77090	20.0	19.6	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	97	71678	20.0	16.1	
44 Cyclohexane	56	2.583	2.583	0.000	90	135134	20.0	20.5	
45 Chlorobromomethane	128	2.590	2.590	0.000	92	33052	20.0	19.2	
46 Chloroform	83	2.648	2.648	0.000	99	117367	20.0	19.9	
47 Carbon tetrachloride	117	2.733	2.733	0.000	97	56888	20.0	16.3	
48 Ethyl acetate	70	2.741	2.741	0.000	97	8573	40.0	51.0	
49 Methyl acrylate	55	2.748	2.748	0.000	75	32446	20.0	17.4	
50 Tetrahydrofuran	42	2.755	2.755	0.000	95	27626	40.0	47.1	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	148571	50.0	50.0	
52 1,1,1-Trichloroethane	97	2.776	2.776	0.000	98	97974	20.0	20.6	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	98	129655	250.0	250.0	
54 2-Butanone (MEK)	72	2.862	2.862	0.000	99	22916	100.0	121.0	
55 1,1-Dichloropropene	75	2.870	2.870	0.000	98	109737	20.0	21.4	
56 Isooctane	57	2.956	2.956	0.000	99	217195	20.0	20.8	
57 n-Heptane	57	3.049	3.049	0.000	91	55196	20.0	21.6	
58 Benzene	78	3.049	3.049	0.000	96	296445	20.0	18.6	
59 Propionitrile	54	3.070	3.070	0.000	97	46271	200.0	171.0	
60 Methacrylonitrile	67	3.084	3.084	0.000	90	165914	200.0	175.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	143334	50.0	48.1	
62 Tert-amyl methyl ether	73	3.156	3.156	0.000	98	140053	20.0	18.0	
63 1,2-Dichloroethane	62	3.206	3.206	0.000	97	71743	20.0	18.6	
64 Isobutyl alcohol	43	3.278	3.278	0.000	97	27541	500.0	403.9	
65 t-Amyl alcohol	59	3.342	3.342	0.000	93	18893	200.0	170.7	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	689953	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	71128	20.0	16.2	
68 Methylcyclohexane	83	3.507	3.507	0.000	95	128780	20.0	21.1	
69 Trichloroethene	130	3.536	3.536	0.000	97	76490	20.0	20.5	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	97	138414	20.0	18.0	
71 Dibromomethane	93	3.894	3.894	0.000	95	31601	20.0	19.0	
72 n-Butanol	56	3.908	3.908	0.000	54	12585	500.0	299.5	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	91	72561	20.0	19.5	
74 Ethyl acrylate	55	4.059	4.059	0.000	59	43262	20.0	17.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	79401	20.0	19.4	
* 76 1,4-Dioxane-d8	96	4.231	4.231	0.000	80	17560	1000.0	1000.0	
77 Methyl methacrylate	100	4.252	4.252	0.000	89	20678	40.0	37.2	
78 1,4-Dioxane	88	4.259	4.259	0.000	34	7696	400.0	380.0	
79 n-Propyl acetate	43	4.417	4.417	0.000	98	48577	20.0	17.3	
80 2-Chloroethyl vinyl ether	63	4.667	4.667	0.000	69	3667	20.0	5.20	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	92502	20.0	17.7	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	625222	50.0	47.4	
83 Toluene	91	4.933	4.933	0.000	93	311061	20.0	19.2	
84 Epichlorohydrin	57	4.990	4.990	0.000	95	9957	400.0	221.1	a
85 2-Nitropropane	41	5.190	5.190	0.000	98	11767	40.0	31.8	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	78112	20.0	20.5	
87 4-Methyl-2-pentanone (MIBK)	43	5.398	5.398	0.000	95	173789	100.0	129.6	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	99	71707	20.0	17.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	95	39951	20.0	18.1	
90 Ethyl methacrylate	69	5.692	5.692	0.000	90	55004	20.0	18.8	
91 Chlorodibromomethane	129	5.799	5.799	0.000	98	51821	20.0	18.2	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	93	85009	20.0	18.5	
93 Ethylene Dibromide	107	6.043	6.043	0.000	100	44103	20.0	18.6	
94 n-Butyl acetate	43	6.394	6.394	0.000	98	48045	20.0	15.6	
95 2-Hexanone	43	6.451	6.451	0.000	96	111418	100.0	123.8	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	510958	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	200781	20.0	19.8	
98 Ethylbenzene	106	6.831	6.831	0.000	98	112219	20.0	19.7	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	97	60991	20.0	19.4	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	134296	20.0	20.1	
101 o-Xylene	106	7.626	7.626	0.000	94	129296	20.0	19.1	
102 Bromoform	173	7.697	7.697	0.000	96	29884	20.0	18.5	
103 Styrene	104	7.712	7.712	0.000	96	203713	20.0	18.9	
104 n-Butyl acrylate	73	8.048	8.048	0.000	97	30765	20.0	17.1	
105 Isopropylbenzene	105	8.106	8.106	0.000	95	342726	20.0	19.6	
106 Amyl acetate (mixed isomers)	43	8.464	8.464	0.000	90	70766	20.0	17.4	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	94	202270	50.0	48.9	
108 Bromobenzene	156	8.586	8.586	0.000	96	81661	20.0	19.6	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	414261	20.0	19.9	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	96	53158	20.0	18.4	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	267162	20.0	18.6	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	335863	20.0	19.4	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	99	14516	20.0	19.0	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	273651	20.0	18.9	
115 trans-1,4-Dichloro-2-butene	53	9.159	9.159	0.000	40	10695	20.0	19.4	a
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	238496	20.0	18.9	
117 tert-Butylbenzene	119	9.546	9.546	0.000	96	238447	20.0	19.1	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	279657	20.0	18.8	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	73680	20.0	18.4	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	368685	20.0	19.4	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	156600	20.0	19.0	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	311508	20.0	19.5	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	281956	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	95	164293	20.0	19.0	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	276089	20.0	18.3	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	95	279341	20.0	19.1	
127 Benzyl chloride	126	10.713	10.713	0.000	97	13523	20.0	15.6	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	156922	20.0	19.4	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	290020	20.0	19.9	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	143423	20.0	19.0	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	257210	20.0	18.3	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	96	8348	20.0	17.3	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	117829	20.0	19.7	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	88008	20.0	17.5	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	42127	20.0	19.0	
136 Naphthalene	128	13.127	13.127	0.000	99	142494	20.0	15.4	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	96	58390	20.0	14.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.8	
S 139 1,3-Dichloropropene, Total	100				0		40.0	35.0	
S 140 Xylenes, Total	100				0		40.0	39.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 142 Total BTEX	1				0		100.0	96.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Sep-2020 14:44:05 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D

Injection Date: 25-Sep-2020 10:05:30 Instrument ID: CVOAMS13 Operator ID:

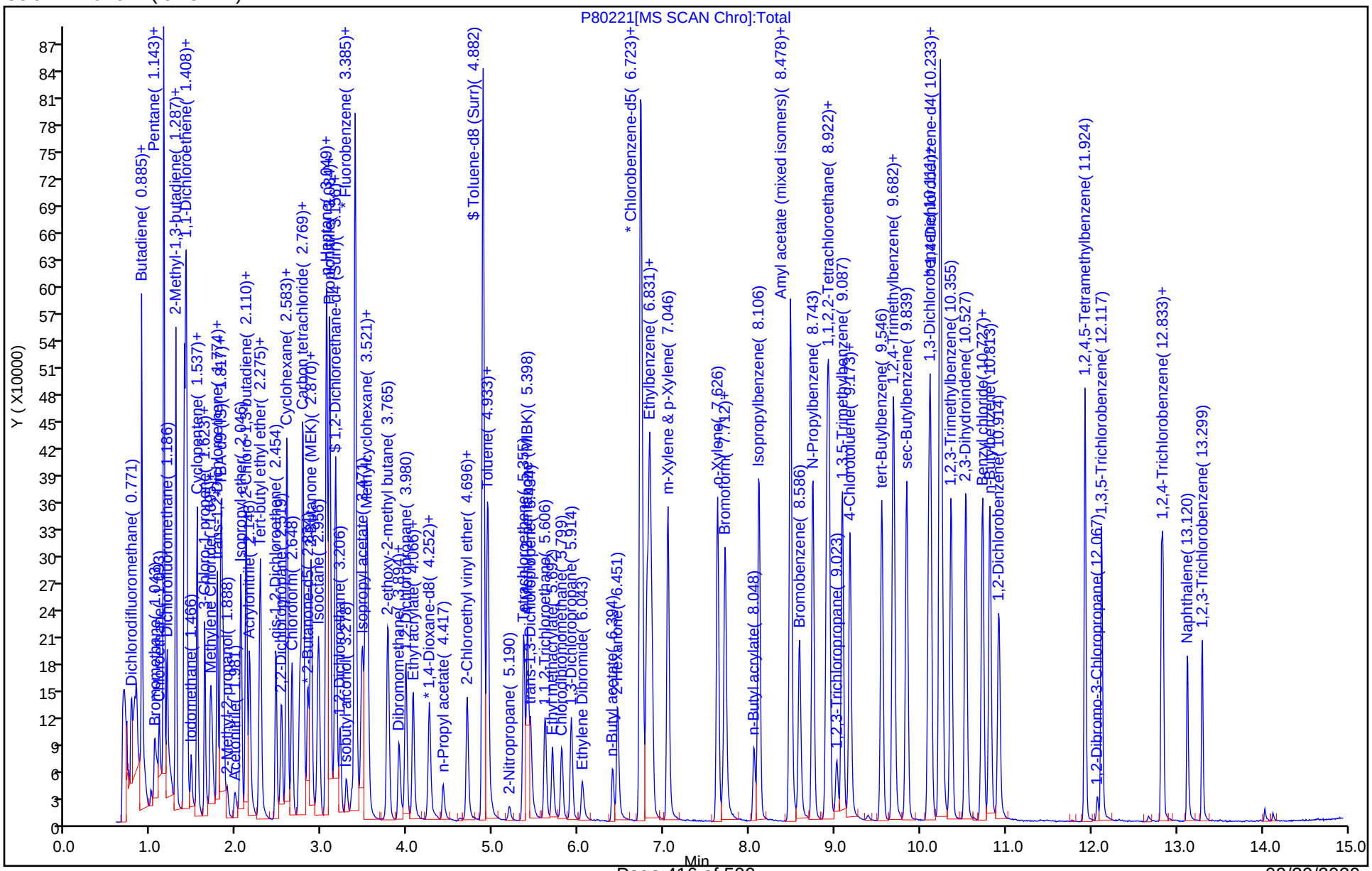
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

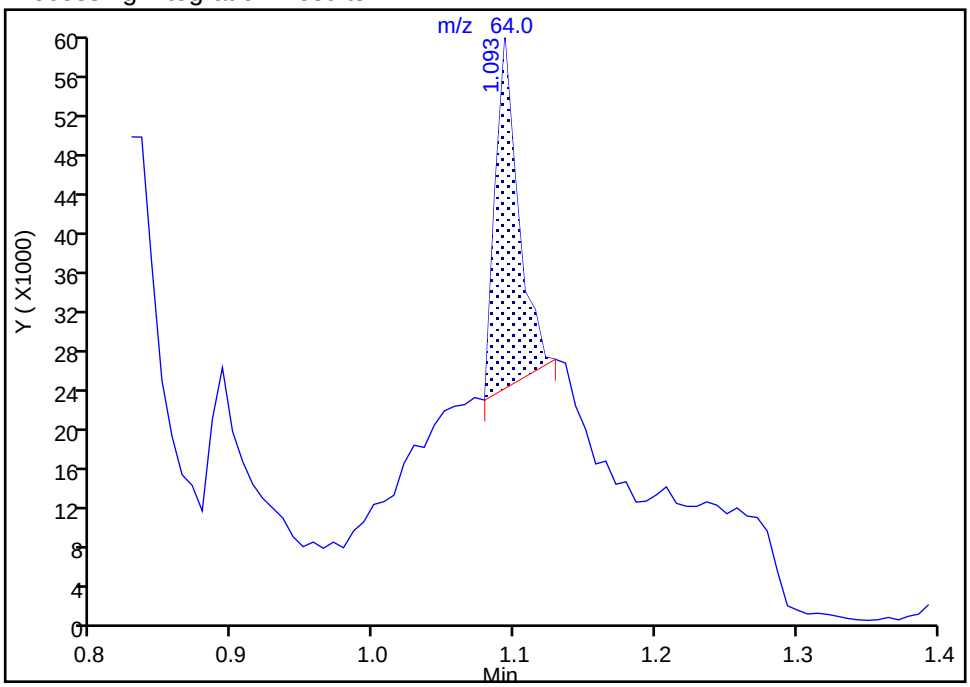
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D
Injection Date: 25-Sep-2020 10:05:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

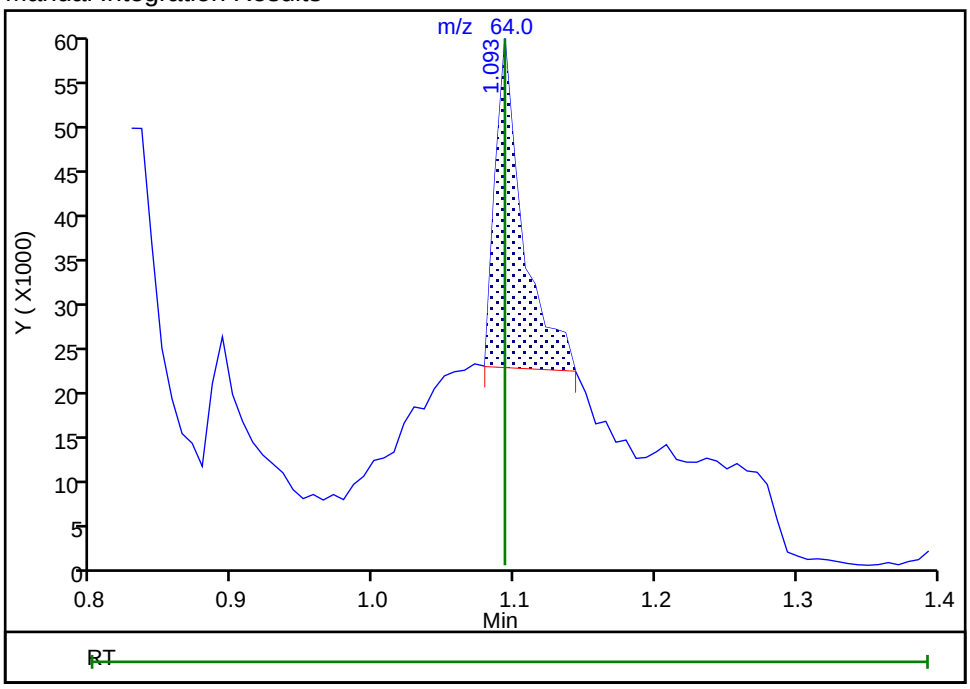
Processing Integration Results

RT: 1.09
Area: 39730
Amount: 15.718309
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 49483
Amount: 19.576871
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:43:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

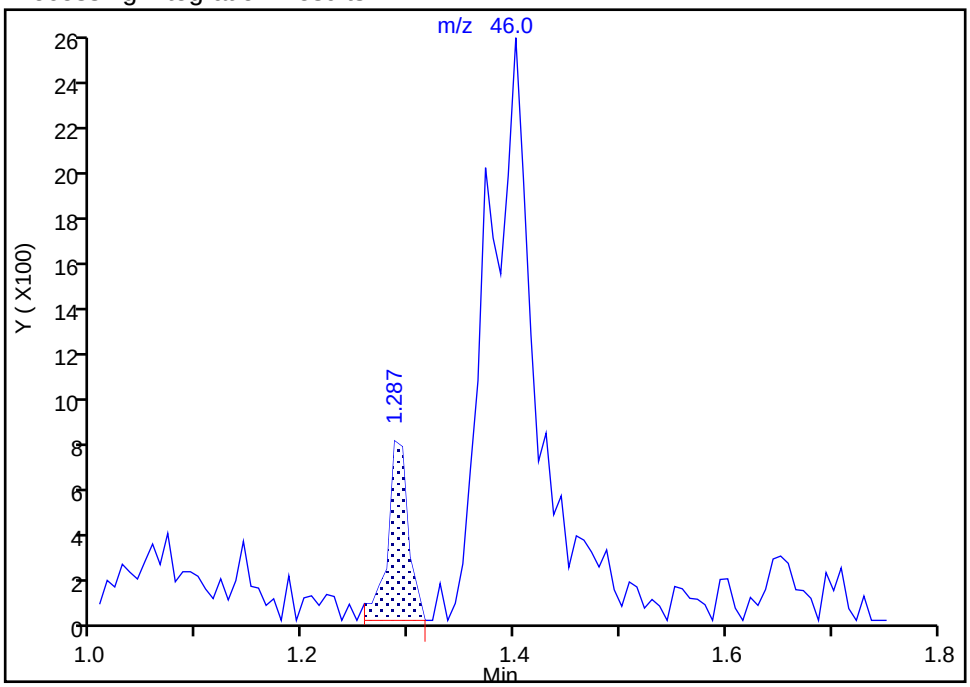
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D
Injection Date: 25-Sep-2020 10:05:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

16 Ethanol, CAS: 64-17-5

Signal: 1

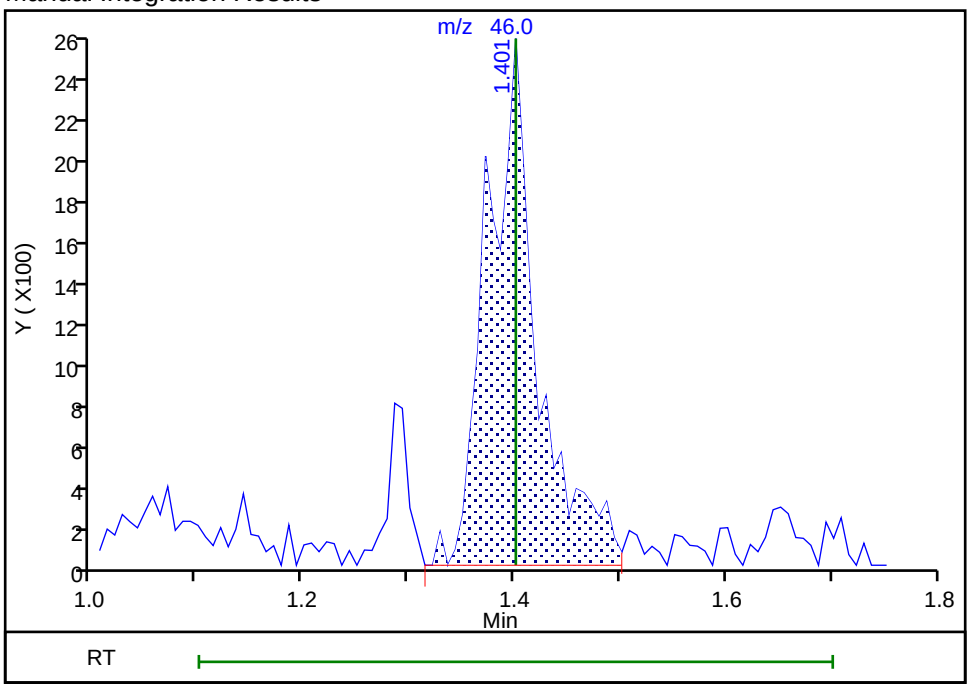
Processing Integration Results

RT: 1.29
Area: 1076
Amount: 101.6934
Amount Units: ug/l



Manual Integration Results

RT: 1.40
Area: 8454
Amount: 798.9929
Amount Units: ug/l



Reviewer: moroneyc, 25-Sep-2020 09:24:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

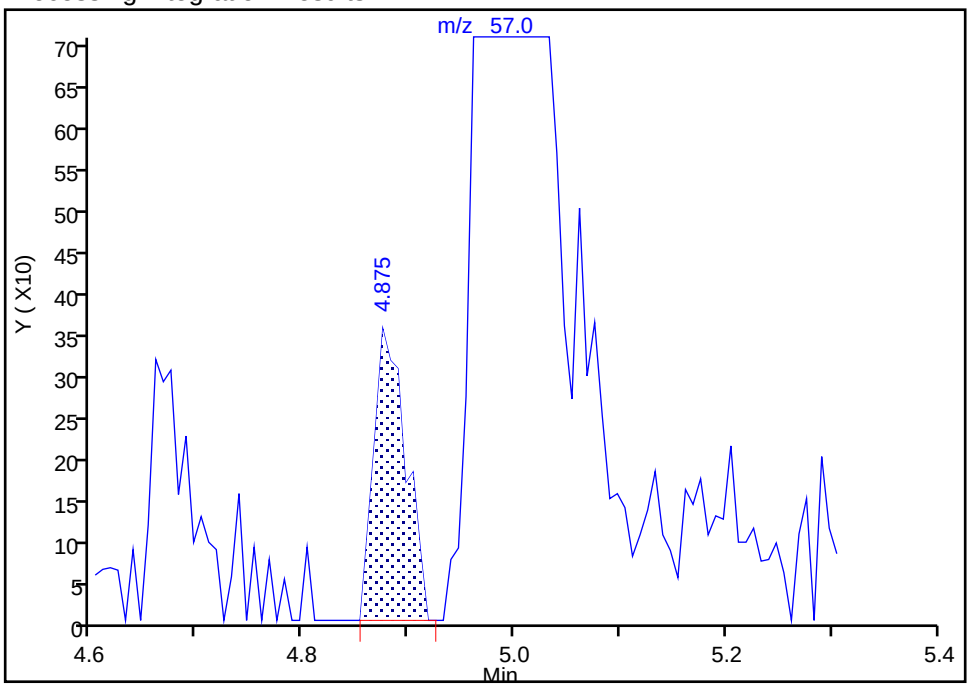
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D
Injection Date: 25-Sep-2020 10:05:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

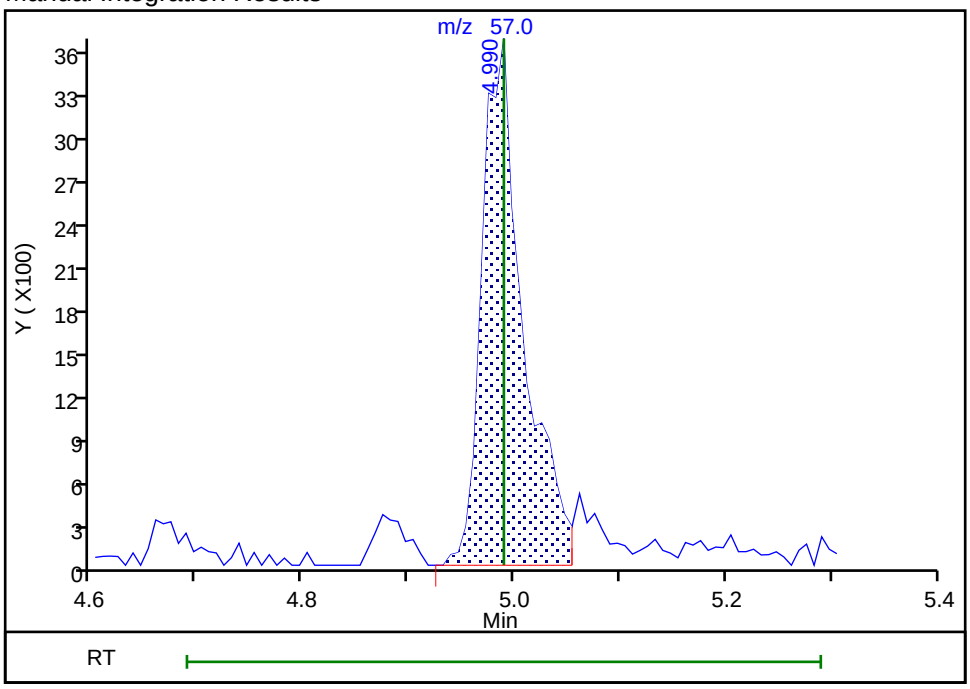
Processing Integration Results

RT: 4.88
Area: 749
Amount: 16.887241
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 9957
Amount: 221.0916
Amount Units: ug/l



Reviewer: moroneyc, 25-Sep-2020 09:25:00
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

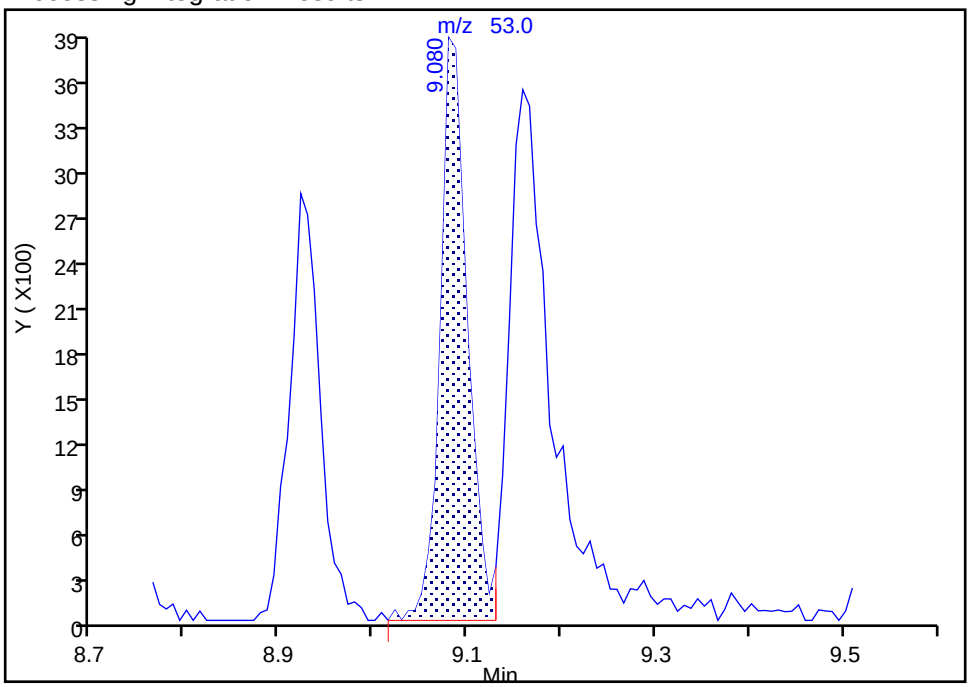
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80221.D
Injection Date: 25-Sep-2020 10:05:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

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

Signal: 1

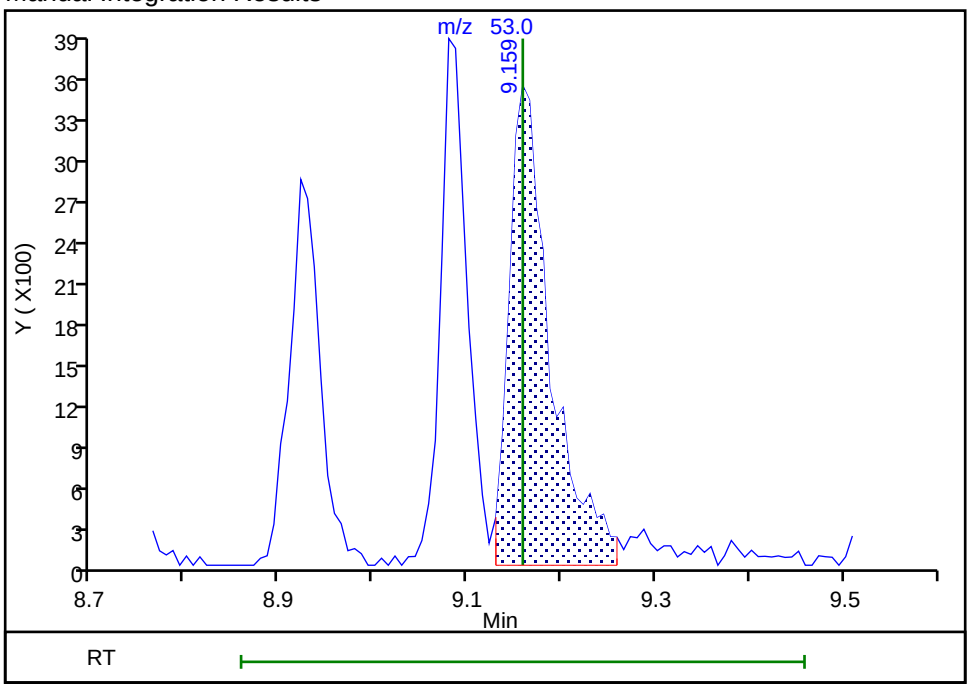
Processing Integration Results

RT: 9.08
Area: 7801
Amount: 14.130175
Amount Units: ug/l



Manual Integration Results

RT: 9.16
Area: 10695
Amount: 19.372160
Amount Units: ug/l



Reviewer: moroneyc, 25-Sep-2020 10:24:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63460.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	21-Sep-2020 05:21:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0117085-001				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\8260W_12.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	23-Sep-2020 09:03:59	Calib Date:	21-Sep-2020 12:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1036				
First Level Reviewer: tupayachia		Date:	21-Sep-2020 05:27:38		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.837	2.837	0.000	0	35504	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

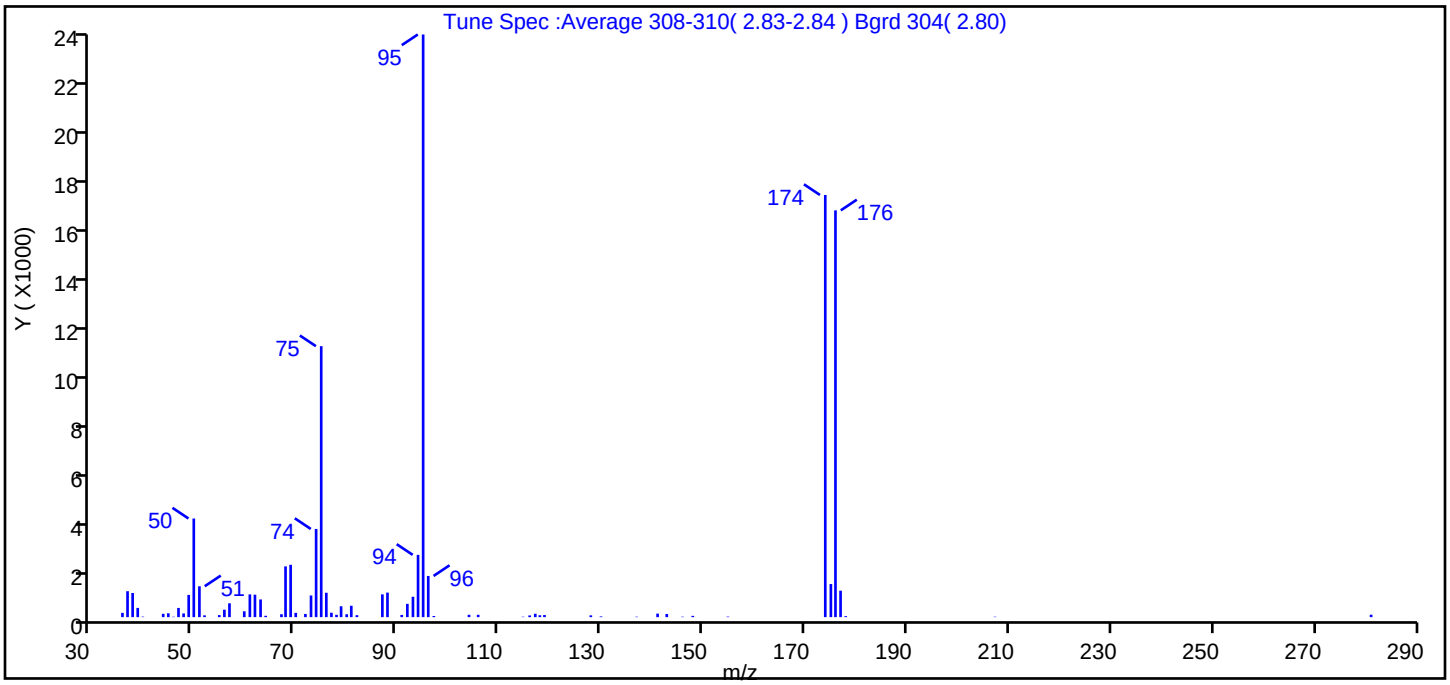
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63460.D
Injection Date: 21-Sep-2020 05:21:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.9
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	7.1
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	72.5
175	5 to 9% of m/z 174	5.7 (7.8)
176	Greater than 95% but less than 101% of m/z 174	69.8 (96.4)
177	5 to 9% of m/z 176	4.5 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63460.D\8260W_12.rslt\spectra.d
Injection Date: 21-Sep-2020 05:21:30
Spectrum: Tune Spec :Average 308-310(2.83-2.84) Bgrd 304(2.80)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	176	60.00	240	80.00	118	118.00	78
37.00	1067	61.00	936	81.00	468	119.00	87
38.00	993	62.00	923	82.00	81	128.00	74
39.00	380	63.00	728	87.00	937	130.00	29
40.00	20	64.00	56	88.00	1009	137.00	18
44.00	137	67.00	119	91.00	90	141.00	144
45.00	158	68.00	2087	92.00	547	143.00	129
46.00	16	69.00	2153	93.00	838	146.00	18
47.00	379	70.00	176	94.00	2561	148.00	53
48.00	153	72.00	130	95.00	23960	155.00	22
49.00	914	73.00	891	96.00	1694	174.00	17360
50.00	4056	74.00	3626	97.00	47	175.00	1361
51.00	1270	75.00	11143	104.00	97	176.00	16728
52.00	74	76.00	1003	106.00	97	177.00	1088
55.00	84	77.00	181	115.00	17	178.00	39
56.00	307	78.00	95	116.00	70	207.00	17
57.00	570	79.00	447	117.00	139	281.00	101

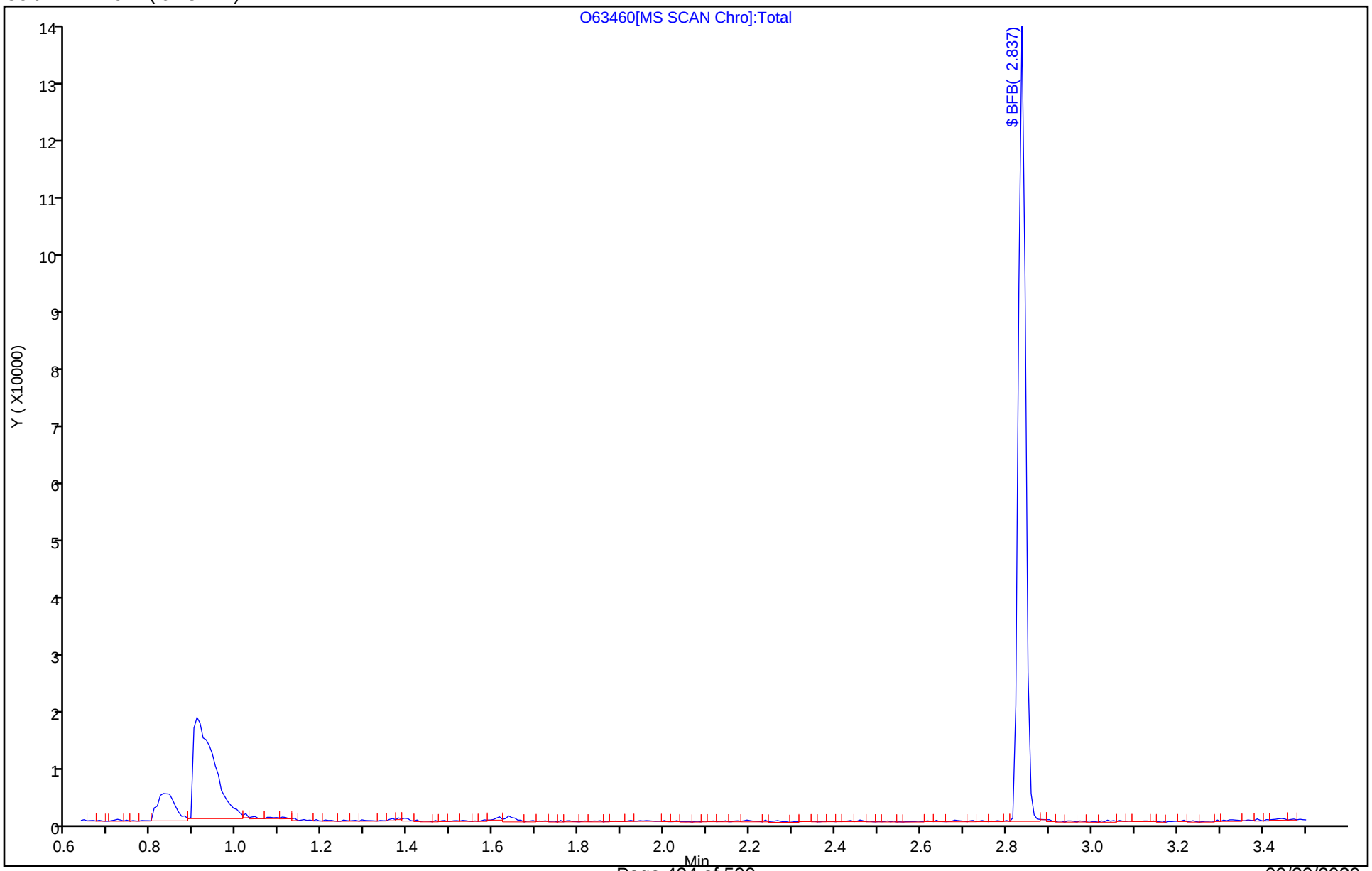
Report Date: 23-Sep-2020 09:04:00 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63460.D

Injection Date:	21-Sep-2020 05:21:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	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\CVOAMS12\20200926-117416.b\O63764.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-Sep-2020 20:40:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Operator ID:		Instrument ID:	CVOAMS12		
Method:	\\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	27-Sep-2020 01:44:47	Calib Date:	21-Sep-2020 12:04:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1015				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.816	2.816	0.000	84	58812	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

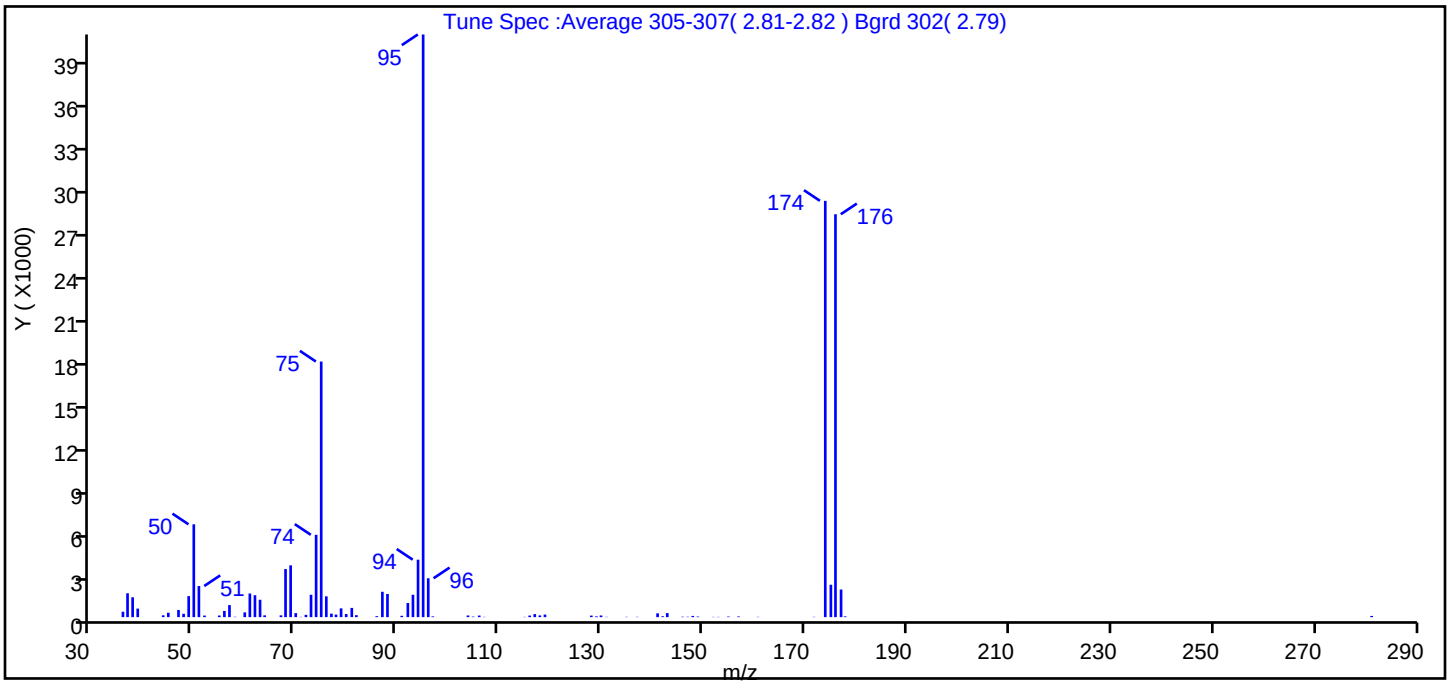
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63764.D
Injection Date: 26-Sep-2020 20:40:30 Instrument ID: CVOAMS12
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.9
75	30 to 60% of m/z 95	43.9
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	71.4
175	5 to 9% of m/z 174	5.6 (7.8)
176	Greater than 95% but less than 101% of m/z 174	69.1 (96.8)
177	5 to 9% of m/z 176	4.7 (6.9)

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63764.D\8260W_12.rslt\spectra.d
Injection Date: 26-Sep-2020 20:40:30
Spectrum: Tune Spec :Average 305-307(2.81-2.82) Bgrd 302(2.79)
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	375	67.00	125	93.00	1549	142.00	58
37.00	1652	68.00	3327	94.00	3976	143.00	280
38.00	1374	69.00	3585	95.00	40320	146.00	30
39.00	591	70.00	278	96.00	2691	147.00	26
44.00	126	71.00	19	97.00	52	148.00	85
45.00	304	72.00	160	104.00	116	149.00	39
47.00	497	73.00	1549	105.00	37	152.00	18
48.00	232	74.00	5698	106.00	111	153.00	18
49.00	1456	75.00	17688	107.00	18	155.00	40
50.00	6424	76.00	1439	115.00	18	157.00	47
51.00	2153	77.00	243	116.00	110	161.00	20
52.00	110	78.00	178	117.00	210	172.00	21
55.00	113	79.00	609	118.00	117	174.00	28808
56.00	430	80.00	214	119.00	177	175.00	2243
57.00	834	81.00	639	128.00	108	176.00	27880
58.00	25	82.00	138	129.00	54	177.00	1911
60.00	331	86.00	67	130.00	115	178.00	53
61.00	1636	87.00	1756	131.00	19	281.00	85
62.00	1518	88.00	1605	135.00	21		
63.00	1203	91.00	92	137.00	20		
64.00	124	92.00	977	141.00	263		

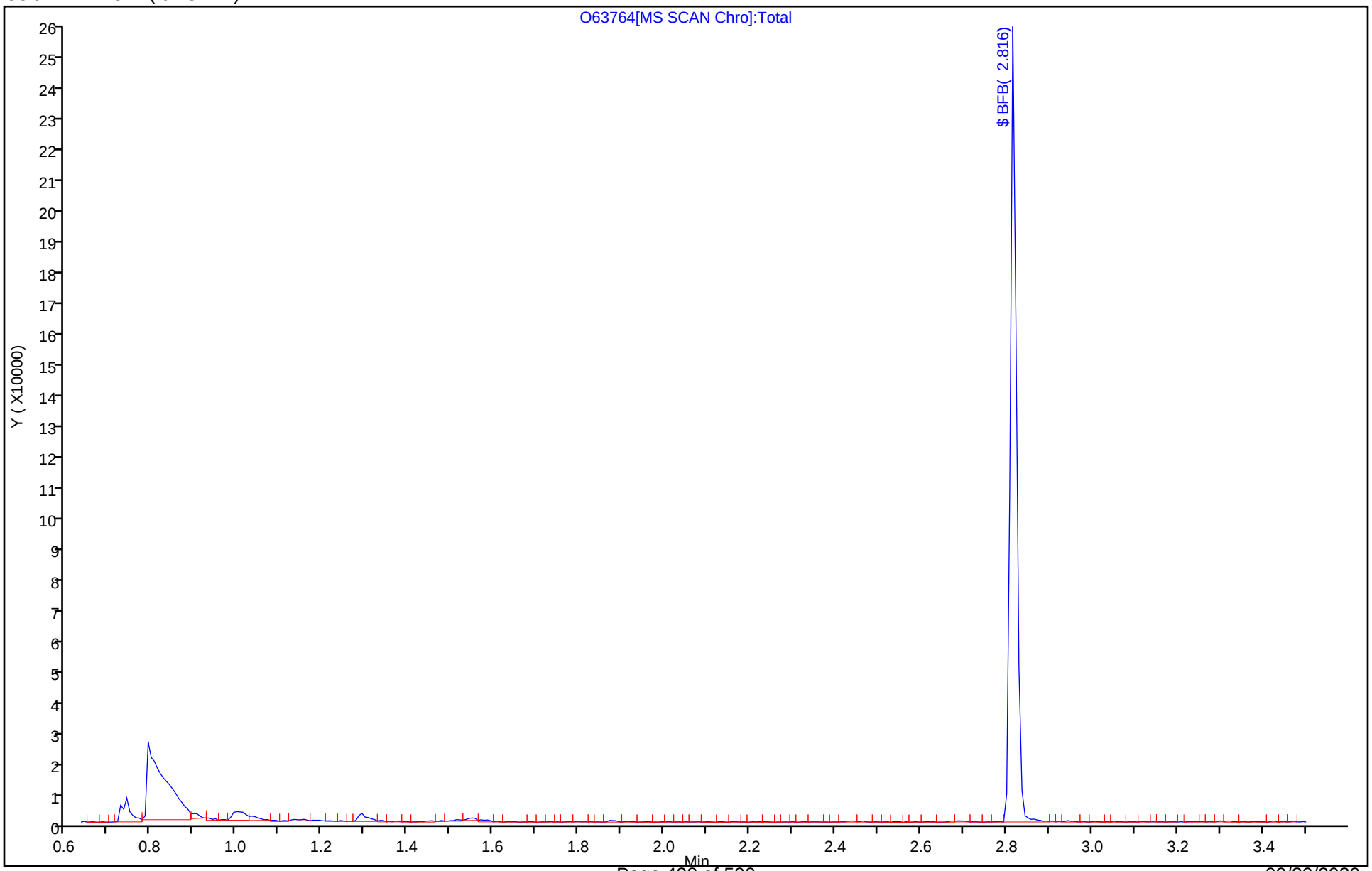
Report Date: 27-Sep-2020 01:44:48 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63764.D

Injection Date:	26-Sep-2020 20:40:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_12	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\CVOAMS13\20200904-116303.b\P79350.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	04-Sep-2020 13:21:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0116303-001				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\8260W_13.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	05-Sep-2020 12:39:16	Calib Date:	04-Sep-2020 16:58:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1014				
First Level Reviewer: starzecm		Date:	04-Sep-2020 12:34:18		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.007	2.007	0.000	89	27033	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

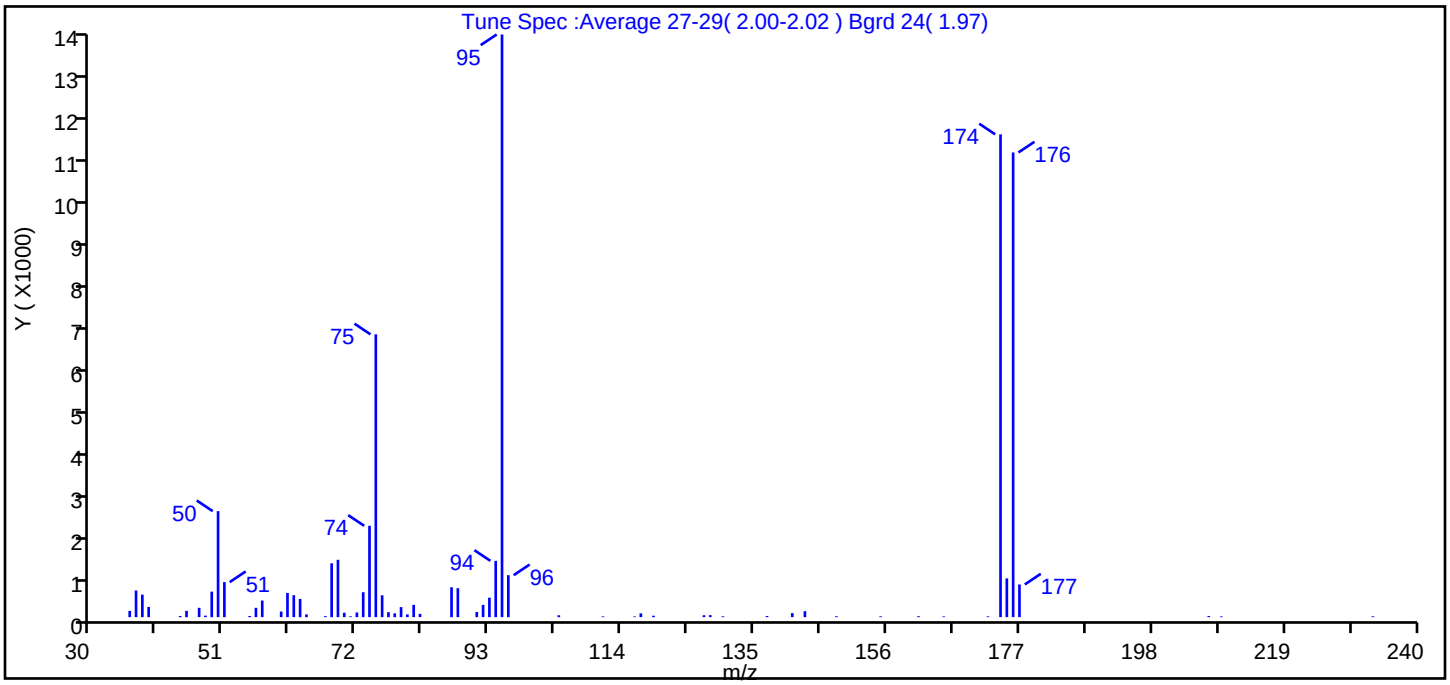
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79350.D
Injection Date: 04-Sep-2020 13:21:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.2
75	30 to 60% of m/z 95	48.5
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	82.9
175	5 to 9% of m/z 174	6.6 (8.0)
176	Greater than 95% but less than 101% of m/z 174	79.8 (96.3)
177	5 to 9% of m/z 176	5.6 (7.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79350.D\8260W_13.rslt\spectra.d
Injection Date: 04-Sep-2020 13:21:30
Spectrum: Tune Spec :Average 27-29(2.00-2.02) Bgrd 24(1.97)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	140	63.00	407	82.00	74	137.00	25
37.00	596	64.00	61	87.00	669	141.00	90
38.00	504	67.00	23	88.00	647	143.00	133
39.00	228	68.00	1205	91.00	116	148.00	20
44.00	26	69.00	1283	92.00	274	155.00	18
45.00	140	70.00	99	93.00	436	161.00	21
47.00	209	71.00	18	94.00	1260	165.00	16
48.00	34	72.00	105	95.00	13040	172.00	18
49.00	571	73.00	558	96.00	939	174.00	10805
50.00	2372	74.00	2044	104.00	42	175.00	867
51.00	784	75.00	6329	111.00	17	176.00	10400
55.00	25	76.00	488	116.00	16	177.00	731
56.00	209	77.00	111	117.00	84	207.00	25
57.00	371	78.00	85	119.00	32	209.00	17
60.00	126	79.00	225	127.00	43	233.00	19
61.00	542	80.00	61	128.00	45		
62.00	491	81.00	274	130.00	19		

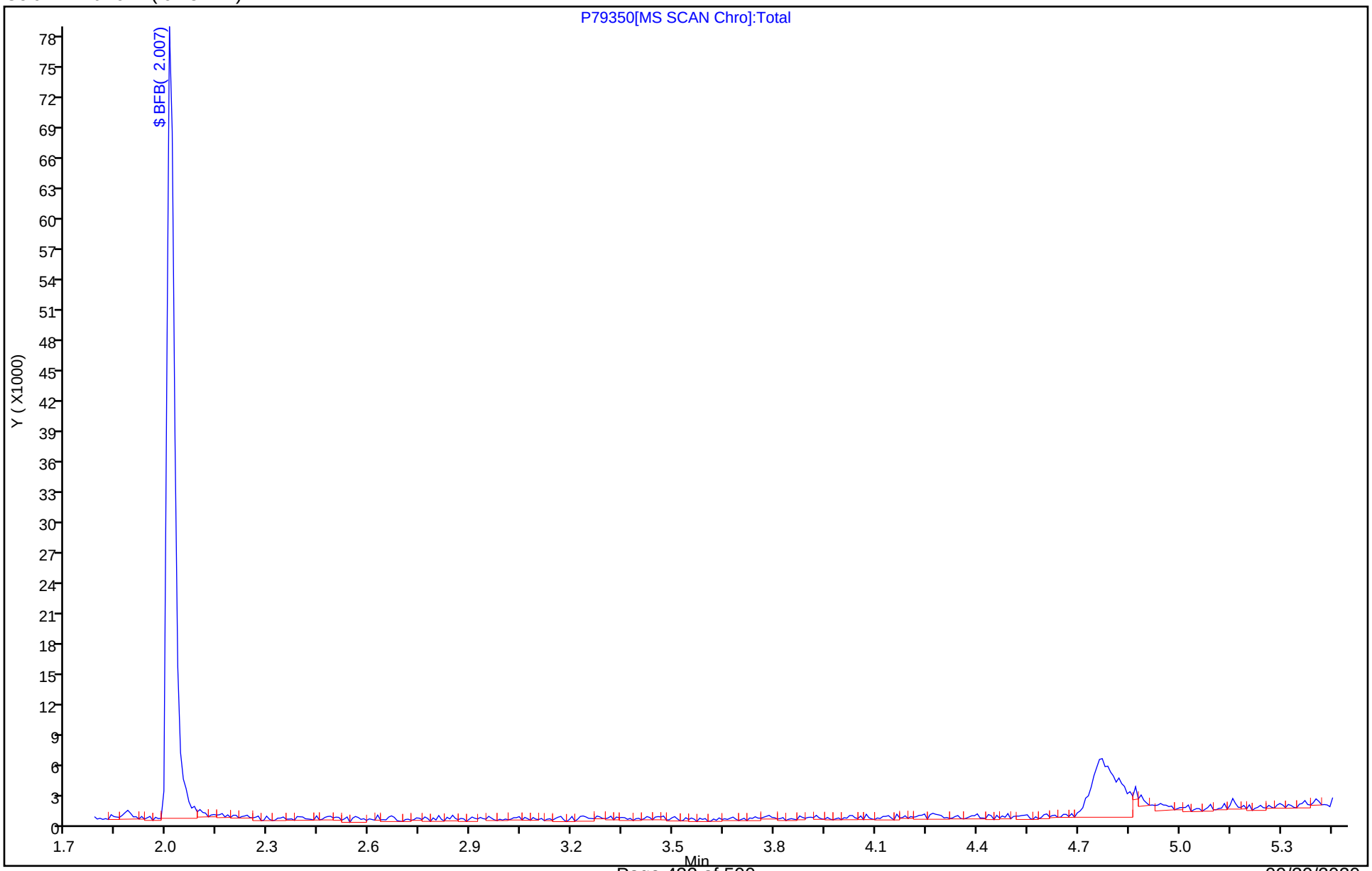
Report Date: 05-Sep-2020 12:39:16 Chrom Revision: 2.3 20-Aug-2020 13:57:12

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79350.D

Injection Date:	04-Sep-2020 13:21:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80219.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 25-Sep-2020 09:20:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0117333-001
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2020 09:26:05 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1047

First Level Reviewer: moroneyc Date: 25-Sep-2020 08:28:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 143 BFB	95	2.007	2.007	0.000	93	30248	NR	NR	a

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

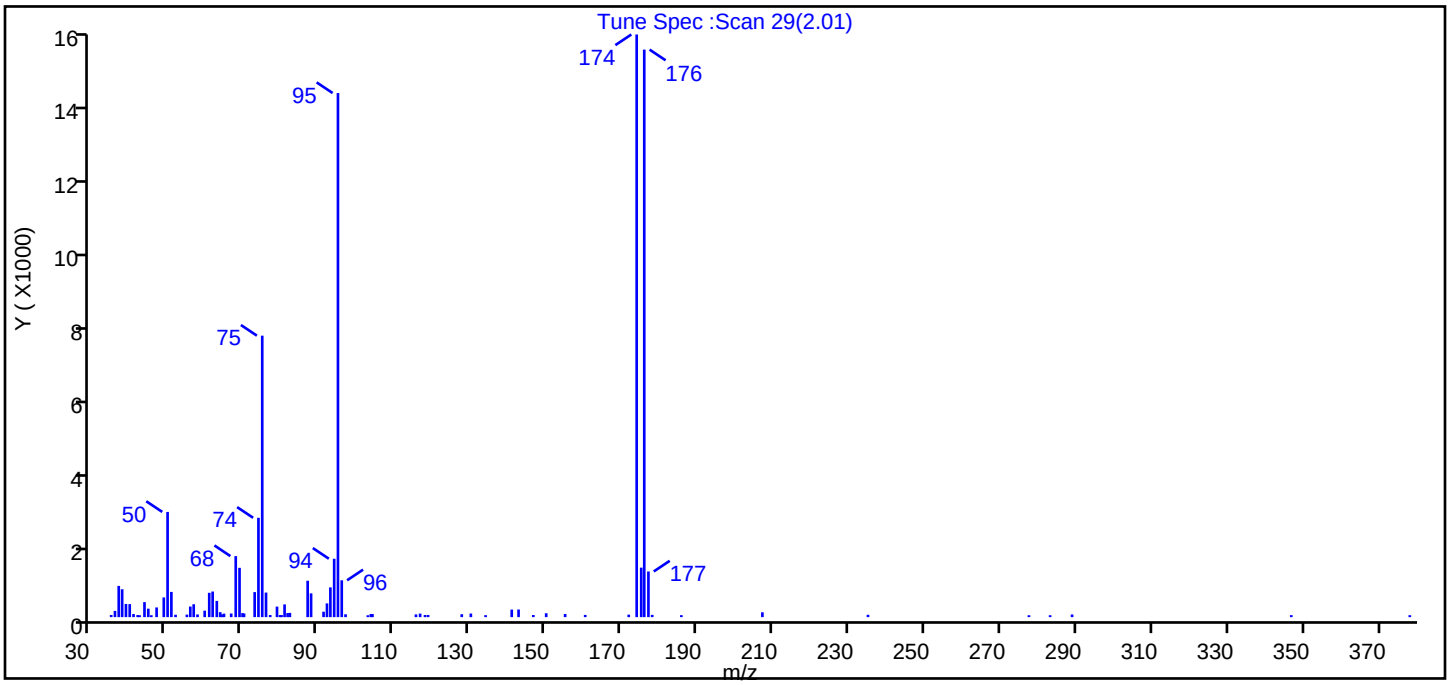
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80219.D
Injection Date: 25-Sep-2020 09:20:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.1
75	30 to 60% of m/z 95	53.7
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	111.2
175	5 to 9% of m/z 174	9.4 (8.5)
176	Greater than 95% but less than 101% of m/z 174	108.3 (97.4)
177	5 to 9% of m/z 176	8.7 (8.0)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80219.D\8260W_13.rslt\spectra.d
Injection Date: 25-Sep-2020 09:20:30
Spectrum: Tune Spec :Scan 29(2.01)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	57	60.00	170	82.00	107	141.00	198
36.00	164	61.00	640	82.00	112	143.00	200
37.00	821	62.00	673	87.00	956	147.00	56
38.00	733	63.00	427	88.00	625	150.00	103
39.00	347	64.00	131	91.00	143	155.00	82
40.00	342	64.00	72	92.00	361	160.00	59
41.00	81	65.00	92	93.00	782	172.00	66
42.00	55	67.00	96	94.00	1535	174.00	15312
43.00	50	68.00	1604	95.00	13773	175.00	1301
44.00	395	69.00	1296	96.00	968	176.00	14914
45.00	223	70.00	106	97.00	75	177.00	1200
46.00	50	70.00	94	103.00	50	178.00	60
47.00	255	73.00	658	104.00	82	186.00	52
49.00	518	74.00	2611	104.00	82	207.00	127
50.00	2765	75.00	7397	116.00	72	235.00	62
51.00	663	76.00	646	117.00	93	278.00	50
52.00	63	77.00	56	118.00	56	283.00	50
55.00	67	79.00	278	119.00	57	289.00	70
56.00	279	80.00	55	128.00	77	347.00	53
57.00	339	80.00	54	130.00	95	378.00	51
58.00	71	81.00	335	134.00	52		

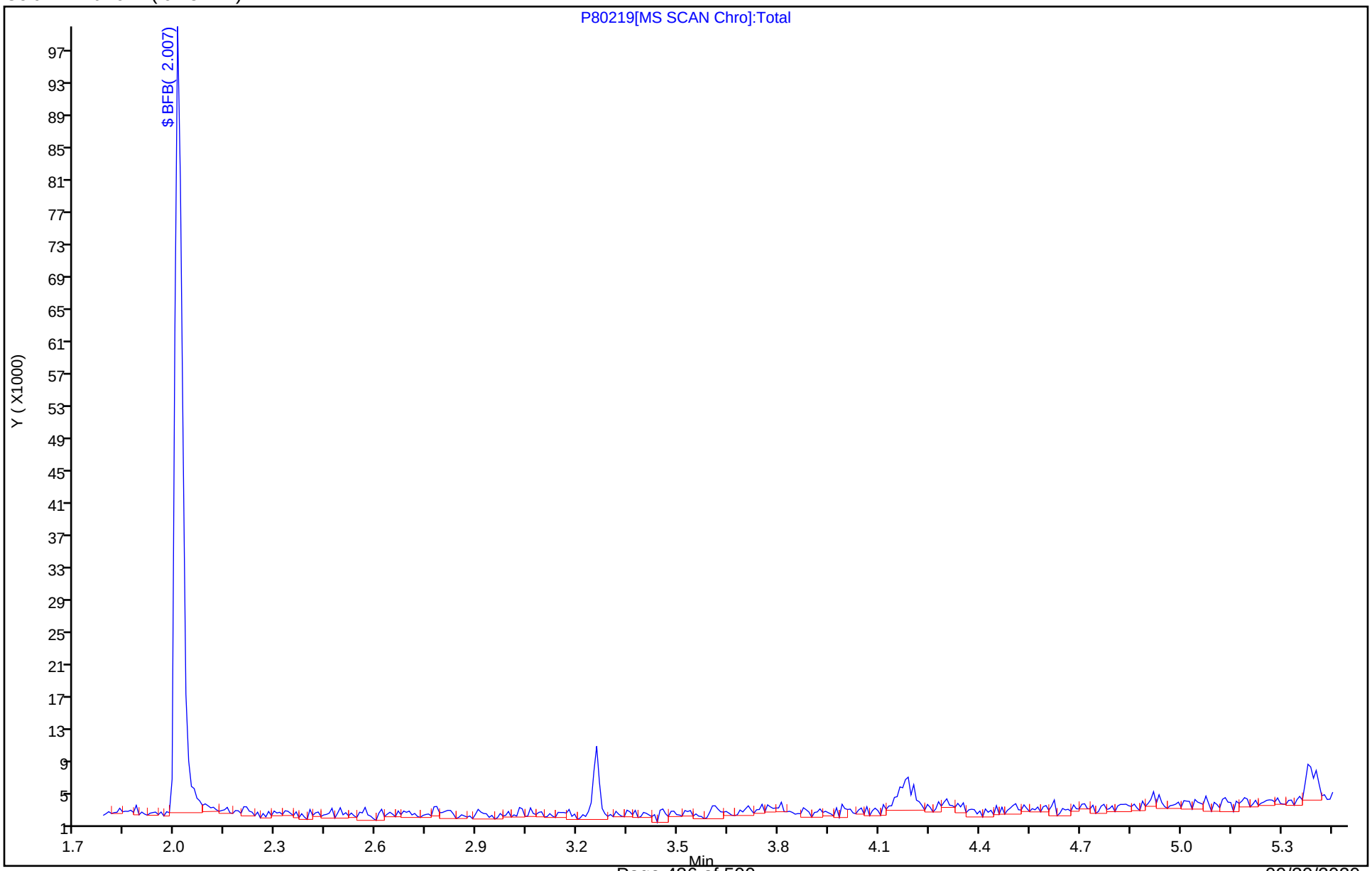
Report Date: 25-Sep-2020 09:26:06 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80219.D

Injection Date:	25-Sep-2020 09:20:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-726662/9

Matrix: Water Lab File ID: P80227.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 12:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-726662/9

Matrix: Water Lab File ID: P80227.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 12:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	94		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-726662/9

Matrix: Water Lab File ID: P80227.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 12:34

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80227.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 25-Sep-2020 12:34:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0117333-009
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 25-Sep-2020 12:04:14 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1047

First Level Reviewer: moroneyc Date: 25-Sep-2020 12:04:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	99	137927	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	2.777	2.769	0.008	97	153615	50.0	51.3	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	99	159583	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	147103	50.0	48.9	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	695863	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	63	17368	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	619870	50.0	46.9	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	512504	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	8.485	8.478	0.007	96	198598	50.0	47.9	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	94	274195	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00129 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

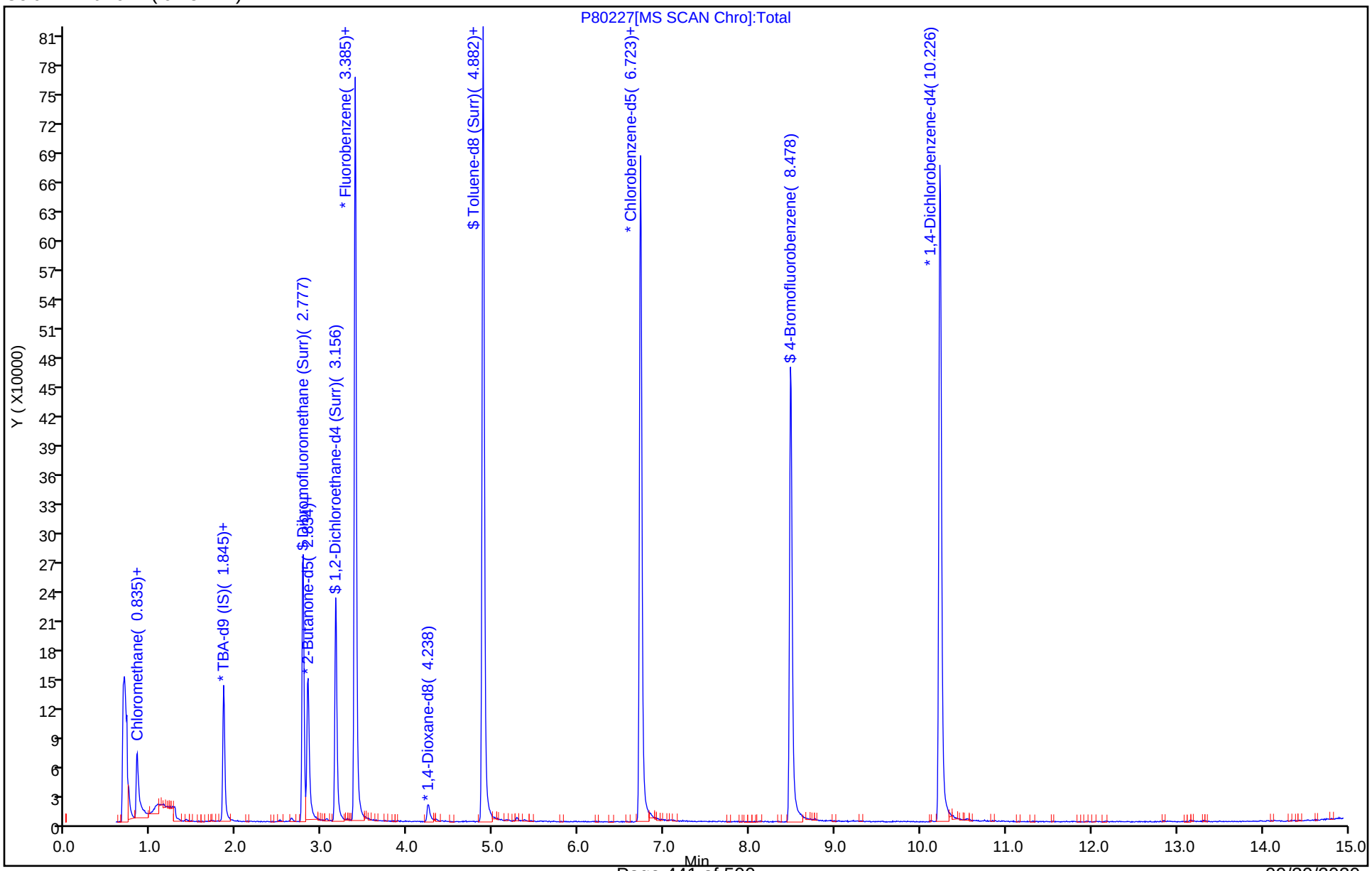
Report Date: 25-Sep-2020 12:04:14 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80227.D

Injection Date:	25-Sep-2020 12:34:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



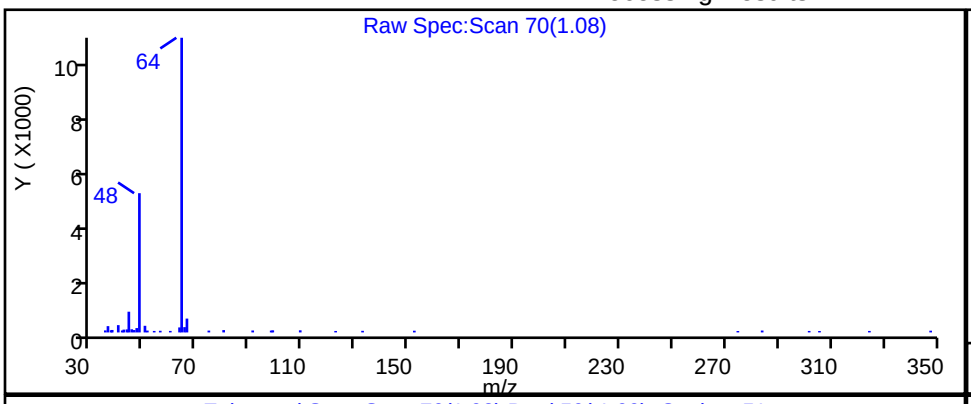
User Disabled Compound Report

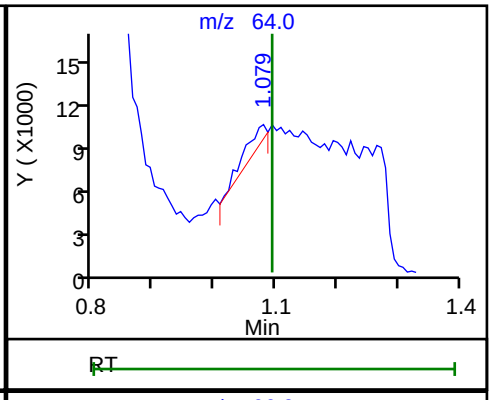
Eurofins TestAmerica, Edison

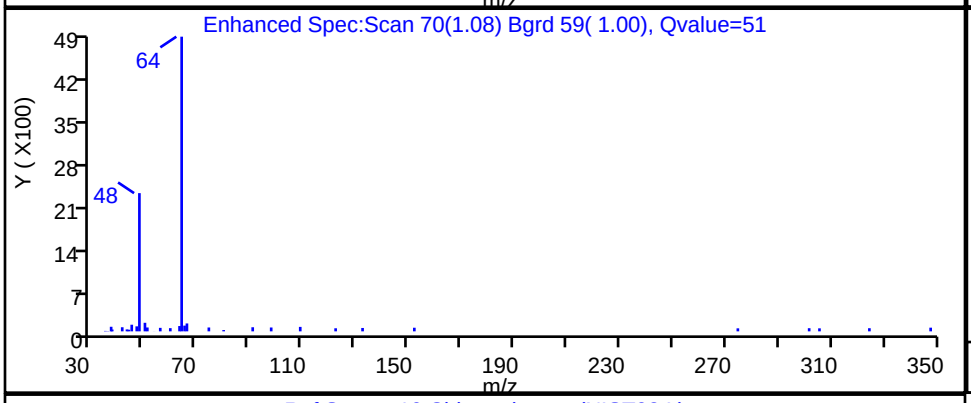
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80227.D
Injection Date: 25-Sep-2020 12:34:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

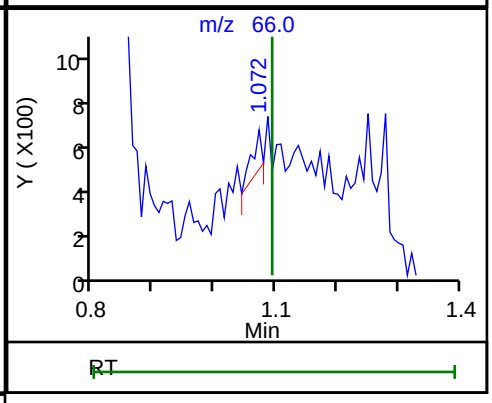
10 Chloroethane, CAS: 75-00-3

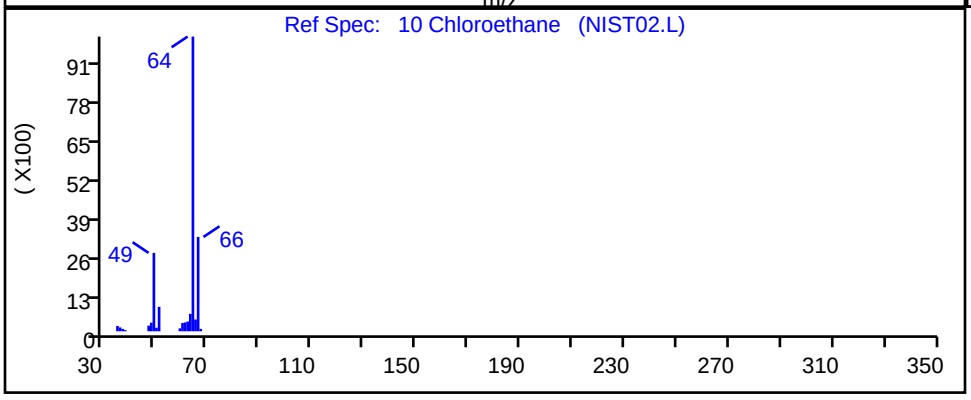
Processing Results











RT	Mass	Response	Amount
1.08	64.00	3354	1.315667
1.07	66.00	183	

Reviewer: moroneyc, 25-Sep-2020 12:03:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

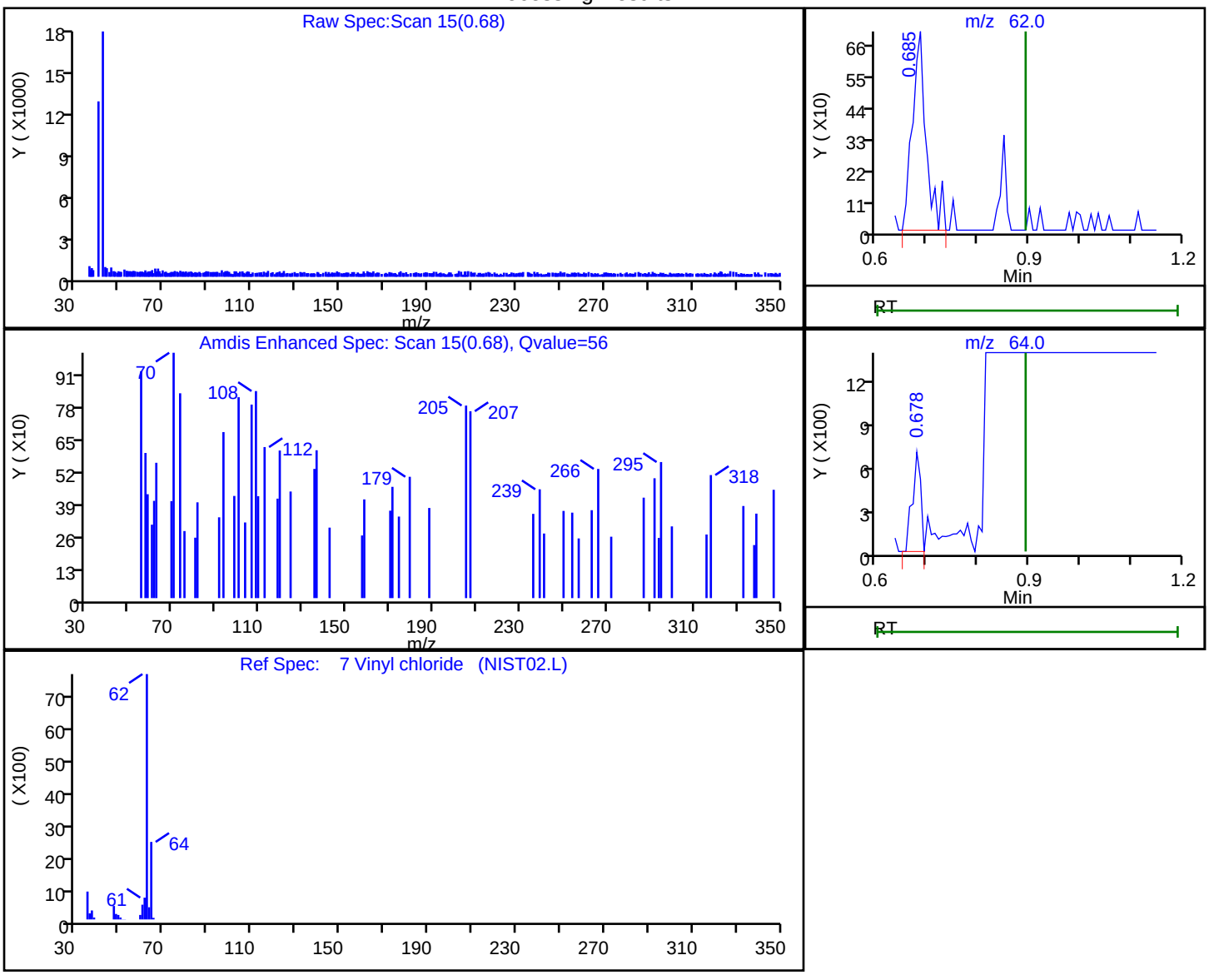
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80227.D
Injection Date: 25-Sep-2020 12:34:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
0.68	62.00	1352	0.281772
0.68	64.00	768	

Reviewer: moroneyc, 25-Sep-2020 12:03:42
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.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-727063/9

Matrix: Water Lab File ID: O63772.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:01

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
123-91-1	1,4-Dioxane	28	U	50	28
78-93-3	2-Butanone	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-27-4	Bromodichloromethane	0.34	U	1.0	0.34
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
124-48-1	Dibromochloromethane	0.28	U	1.0	0.28
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-01-4	Vinyl chloride	0.17	U	1.0	0.17
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-727063/9

Matrix: Water Lab File ID: O63772.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:01

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		75-123
460-00-4	Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	107		77-124
2037-26-5	Toluene-d8 (Surr)	109		80-120

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-727063/9

Matrix: Water Lab File ID: O63772.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2020 00:01

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.: 727063 Units: ug/L

Number TICs Found: 0 TIC Result Total: 0

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

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63772.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 27-Sep-2020 00:01:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0117416-009
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 28-Sep-2020 09:01:49 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1029

First Level Reviewer: boykink Date: 27-Sep-2020 01:46:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	2.087	2.079	0.008	100	203898	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.945	2.945	0.000	98	245042	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	129728	50.0	53.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	138039	50.0	50.7	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	522717	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	26284	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	537354	50.0	54.4	
* 94 Chlorobenzene-d5	117	7.700	7.699	0.001	85	400145	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	89	161915	50.0	53.9	
* 120 1,4-Dichlorobenzene-d4	152	11.411	11.410	0.001	95	196473	50.0	50.0	

Reagents:

8260ISNEW_00139 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00212 Amount Added: 1.00 Units: uL Run Reagent

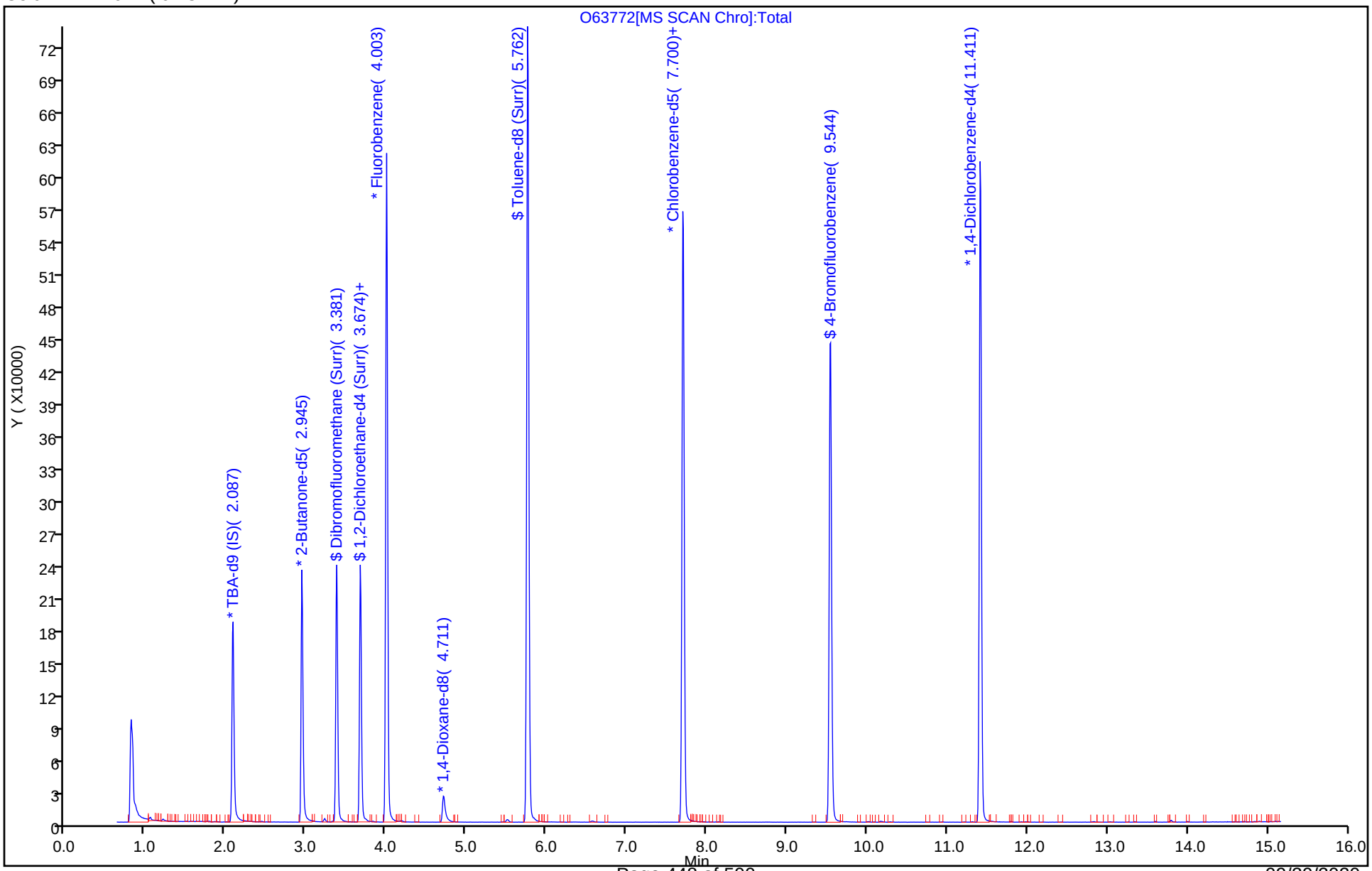
Report Date: 30-Sep-2020 11:50:36 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63772.D

Injection Date:	27-Sep-2020 00:01:30	Instrument ID:	CVOAMS12	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_12	Limit Group:	VOA - 8260C Water and Solid		

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-726662/4

Matrix: Water Lab File ID: P80222.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 10:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.20
75-34-3	1,1-Dichloroethane	19.6		1.0	0.26
75-35-4	1,1-Dichloroethene	20.6		1.0	0.26
107-06-2	1,2-Dichloroethane	19.4		1.0	0.43
78-87-5	1,2-Dichloropropane	19.5		1.0	0.35
123-91-1	1,4-Dioxane	392		50	28
78-93-3	2-Butanone	89.0		5.0	1.9
591-78-6	2-Hexanone	90.1		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	95.8		5.0	1.3
67-64-1	Acetone	89.7		5.0	4.4
71-43-2	Benzene	17.4		1.0	0.20
75-27-4	Bromodichloromethane	19.4		1.0	0.34
75-25-2	Bromoform	19.3		1.0	0.54
74-83-9	Bromomethane	21.2		1.0	0.55
75-15-0	Carbon disulfide	21.1		1.0	0.82
56-23-5	Carbon tetrachloride	19.0		1.0	0.21
108-90-7	Chlorobenzene	18.7		1.0	0.38
75-00-3	Chloroethane	20.0		1.0	0.32
67-66-3	Chloroform	19.2		1.0	0.33
74-87-3	Chloromethane	19.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.9		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	18.1		1.0	0.22
124-48-1	Dibromochloromethane	18.6		1.0	0.28
100-41-4	Ethylbenzene	18.4		1.0	0.30
75-09-2	Methylene Chloride	19.4		1.0	0.32
100-42-5	Styrene	18.1		1.0	0.42
127-18-4	Tetrachloroethene	19.3		1.0	0.25
108-88-3	Toluene	18.0		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
79-01-6	Trichloroethene	19.5		1.0	0.31
75-01-4	Vinyl chloride	21.2		1.0	0.17
1330-20-7	Xylenes, Total	37.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-726662/4

Matrix: Water Lab File ID: P80222.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 10:36

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		75-123
460-00-4	Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	92		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 25-Sep-2020 10:36:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0117333-004
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 15:28:17 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: xuyvo Date: 26-Sep-2020 14:46:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	110768	20.0	23.1	
8 Butadiene	54	0.892	0.885	0.007	92	90192	20.0	20.2	
6 Chloromethane	50	0.892	0.885	0.007	66	130505	20.0	19.5	
7 Vinyl chloride	62	0.892	0.893	-0.001	59	103977	20.0	21.2	
9 Bromomethane	94	1.036	1.036	0.000	98	43368	20.0	21.2	M
10 Chloroethane	64	1.093	1.093	0.000	98	52229	20.0	20.0	M
11 Pentane	72	1.150	1.143	0.007	96	32853	40.0	46.6	
12 Trichlorofluoromethane	101	1.150	1.143	0.007	61	123648	20.0	27.6	
13 Dichlorofluoromethane	67	1.186	1.186	0.000	99	142729	20.0	23.7	
14 2-Methyl-1,3-butadiene	67	1.286	1.287	-0.001	96	121794	20.0	23.6	
15 Ethyl ether	59	1.294	1.294	0.000	95	56259	20.0	23.4	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	97	66036	20.0	20.6	
19 Carbon disulfide	76	1.408	1.401	0.007	99	264834	20.0	21.1	
16 Ethanol	46	1.401	1.401	0.000	25	10342	800.0	760.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.415	1.408	0.007	83	70021	20.0	22.3	
22 Iodomethane	142	1.466	1.466	0.000	96	72444	20.0	14.3	
23 Cyclopentene	67	1.537	1.537	0.000	97	174218	20.0	19.6	
24 Acrolein	56	1.559	1.559	0.000	87	11689	40.0	36.7	
25 3-Chloro-1-propene	76	1.630	1.623	0.007	94	39551	20.0	19.3	
26 Isopropyl alcohol	45	1.652	1.652	0.000	97	21068	200.0	159.2	
27 Methylene Chloride	84	1.695	1.695	0.000	92	75087	20.0	19.4	
28 Acetone	43	1.709	1.709	0.000	87	58383	100.0	89.7	
29 trans-1,2-Dichloroethene	96	1.774	1.766	0.008	94	71534	20.0	19.5	
30 Methyl acetate	43	1.781	1.781	0.000	98	55589	40.0	34.8	
31 Hexane	86	1.816	1.817	-0.001	91	19162	20.0	21.7	
32 Methyl tert-butyl ether	73	1.831	1.831	0.000	94	153462	20.0	20.5	
* 33 TBA-d9 (IS)	65	1.852	1.845	0.007	100	163936	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.888	1.888	0.000	100	33606	200.0	187.3	
35 Acetonitrile	41	1.981	1.981	0.000	100	47009	200.0	143.4	
36 Isopropyl ether	45	2.053	2.046	0.007	97	219280	20.0	18.7	
37 2-Chloro-1,3-butadiene	88	2.110	2.103	0.007	90	64127	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	133039	20.0	19.6	
39 Acrylonitrile	53	2.153	2.146	0.007	96	170633	200.0	193.6	
40 Tert-butyl ethyl ether	59	2.275	2.268	0.007	89	183030	20.0	18.9	
41 Vinyl acetate	43	2.282	2.282	0.000	100	208172	40.0	39.8	
42 cis-1,2-Dichloroethene	96	2.461	2.454	0.007	98	80599	20.0	19.9	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	82903	20.0	18.0	
44 Cyclohexane	56	2.590	2.583	0.007	91	130577	20.0	19.2	
45 Chlorobromomethane	128	2.590	2.590	0.000	72	35294	20.0	19.9	
46 Chloroform	83	2.647	2.648	-0.001	99	117345	20.0	19.2	
47 Carbon tetrachloride	117	2.733	2.733	0.000	99	68137	20.0	19.0	
48 Ethyl acetate	70	2.748	2.741	0.007	97	9927	40.0	38.3	
49 Methyl acrylate	55	2.748	2.748	0.000	82	38207	20.0	19.9	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	32635	40.0	36.1	
$ 51 Dibromofluoromethane (Surr)	113	2.776	2.769	0.007	98	160824	50.0	52.5	
52 1,1,1-Trichloroethane	97	2.784	2.776	0.008	98	99138	20.0	20.2	
* 53 2-Butanone-d5	46	2.826	2.827	-0.001	100	199778	250.0	250.0	
54 2-Butanone (MEK)	72	2.869	2.862	0.007	100	25978	100.0	89.0	
55 1,1-Dichloropropene	75	2.877	2.870	0.007	96	103821	20.0	19.6	
56 Isooctane	57	2.955	2.956	-0.001	99	206339	20.0	19.2	
57 n-Heptane	57	3.049	3.049	0.000	92	52067	20.0	19.7	
58 Benzene	78	3.056	3.049	0.007	96	292933	20.0	17.4	
59 Propionitrile	54	3.077	3.070	0.007	94	58562	200.0	168.4	
60 Methacrylonitrile	67	3.092	3.084	0.008	91	189688	200.0	194.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	158138	50.0	51.4	
62 Tert-amyl methyl ether	73	3.163	3.156	0.007	98	154606	20.0	19.2	
63 1,2-Dichloroethane	62	3.213	3.206	0.007	97	77016	20.0	19.4	
64 Isobutyl alcohol	43	3.285	3.278	0.007	98	35866	500.0	409.2	
65 t-Amyl alcohol	59	3.349	3.342	0.007	88	23601	200.0	165.9	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	711827	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	80883	20.0	17.9	
68 Methylcyclohexane	83	3.514	3.507	0.007	96	126509	20.0	20.1	
69 Trichloroethene	130	3.536	3.536	0.000	97	74903	20.0	19.5	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	94	145842	20.0	18.4	
71 Dibromomethane	93	3.894	3.894	0.000	94	35269	20.0	20.6	
72 n-Butanol	56	3.908	3.908	0.000	89	19941	500.0	368.9	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	93	75160	20.0	19.5	
74 Ethyl acrylate	55	4.066	4.059	0.007	61	47261	20.0	18.4	
75 Dichlorobromomethane	83	4.066	4.066	0.000	100	81906	20.0	19.4	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	67	22671	1000.0	1000.0	M
77 Methyl methacrylate	100	4.259	4.252	0.007	91	24254	40.0	42.3	
78 1,4-Dioxane	88	4.259	4.259	0.000	38	10246	400.0	391.9	M
79 n-Propyl acetate	43	4.417	4.417	0.000	99	53681	20.0	18.5	
80 2-Chloroethyl vinyl ether	63	4.675	4.667	0.008	96	9523	20.0	13.1	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	99516	20.0	18.1	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	641575	50.0	46.2	
83 Toluene	91	4.940	4.933	0.008	92	307561	20.0	18.0	
84 Epichlorohydrin	57	4.975	4.990	-0.015	97	24407	400.0	348.4	a
85 2-Nitropropane	41	5.197	5.190	0.007	96	16969	40.0	44.4	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	77647	20.0	19.3	
87 4-Methyl-2-pentanone (MIBK)	43	5.405	5.398	0.007	97	197917	100.0	95.8	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	98	81404	20.0	18.6	
89 1,1,2-Trichloroethane	83	5.613	5.606	0.007	95	45447	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
90 Ethyl methacrylate	69	5.692	5.692	0.000	89	58192	20.0	19.3	
91 Chlorodibromomethane	129	5.806	5.799	0.007	98	55821	20.0	18.6	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	94	93622	20.0	19.3	
93 Ethylene Dibromide	107	6.043	6.043	0.000	100	49738	20.0	19.9	
94 n-Butyl acetate	43	6.401	6.394	0.007	98	54484	20.0	16.7	
95 2-Hexanone	43	6.458	6.451	0.007	95	124947	100.0	90.1	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	85	538732	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	200241	20.0	18.7	
98 Ethylbenzene	106	6.831	6.831	0.000	98	110164	20.0	18.4	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	96	62819	20.0	19.0	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	132242	20.0	18.8	
101 o-Xylene	106	7.626	7.626	0.000	95	129576	20.0	18.2	
102 Bromoform	173	7.697	7.697	0.000	95	32862	20.0	19.3	
103 Styrene	104	7.719	7.712	0.007	96	206090	20.0	18.1	
104 n-Butyl acrylate	73	8.048	8.048	0.000	98	33441	20.0	17.6	
105 Isopropylbenzene	105	8.113	8.106	0.007	95	335247	20.0	18.2	
106 Amyl acetate (mixed isomers)	43	8.464	8.464	0.000	90	79588	20.0	18.4	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	94	217072	50.0	49.8	
108 Bromobenzene	156	8.586	8.586	0.000	95	85709	20.0	19.3	
109 N-Propylbenzene	91	8.743	8.743	0.000	99	401722	20.0	18.1	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	98	60988	20.0	19.8	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	262751	20.0	17.2	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	336308	20.0	18.3	
113 1,2,3-Trichloropropane	110	9.030	9.023	0.007	97	16917	20.0	20.8	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	269291	20.0	17.5	a
115 trans-1,4-Dichloro-2-butene	53	9.159	9.159	0.000	40	12587	20.0	21.4	a
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	243298	20.0	18.1	
117 tert-Butylbenzene	119	9.545	9.546	-0.001	96	238848	20.0	18.0	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	280171	20.0	17.7	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	76600	20.0	18.0	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	361540	20.0	17.9	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	164693	20.0	18.8	
122 4-Isopropyltoluene	119	10.118	10.119	-0.001	98	303760	20.0	17.8	
* 123 1,4-Dichlorobenzene-d4	152	10.233	10.226	0.007	94	299734	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.255	10.247	0.008	95	169688	20.0	18.4	
125 1,2,3-Trimethylbenzene	105	10.362	10.355	0.007	98	284134	20.0	17.7	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	288444	20.0	18.5	
127 Benzyl chloride	126	10.713	10.713	0.000	98	18840	20.0	20.2	
128 p-Diethylbenzene	119	10.727	10.727	0.000	93	153123	20.0	17.8	
129 n-Butylbenzene	91	10.813	10.813	0.000	98	280005	20.0	18.0	
130 1,2-Dichlorobenzene	146	10.921	10.914	0.007	97	150818	20.0	18.8	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	263538	20.0	17.6	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	94	10899	20.0	21.3	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	121903	20.0	19.2	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	100895	20.0	18.9	
135 Hexachlorobutadiene	225	12.840	12.841	0.000	96	42138	20.0	17.9	
136 Naphthalene	128	13.120	13.127	-0.007	99	183165	20.0	18.6	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	95	75295	20.0	17.3	
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 139 1,3-Dichloropropene, Total	100				0		40.0	36.7	
S 140 Xylenes, Total	100				0		40.0	37.0	
S 142 Total BTEX	1				0		100.0	90.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Sep-2020 15:28:19 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D

Injection Date: 25-Sep-2020 10:36:30 Instrument ID: CVOAMS13 Operator ID:

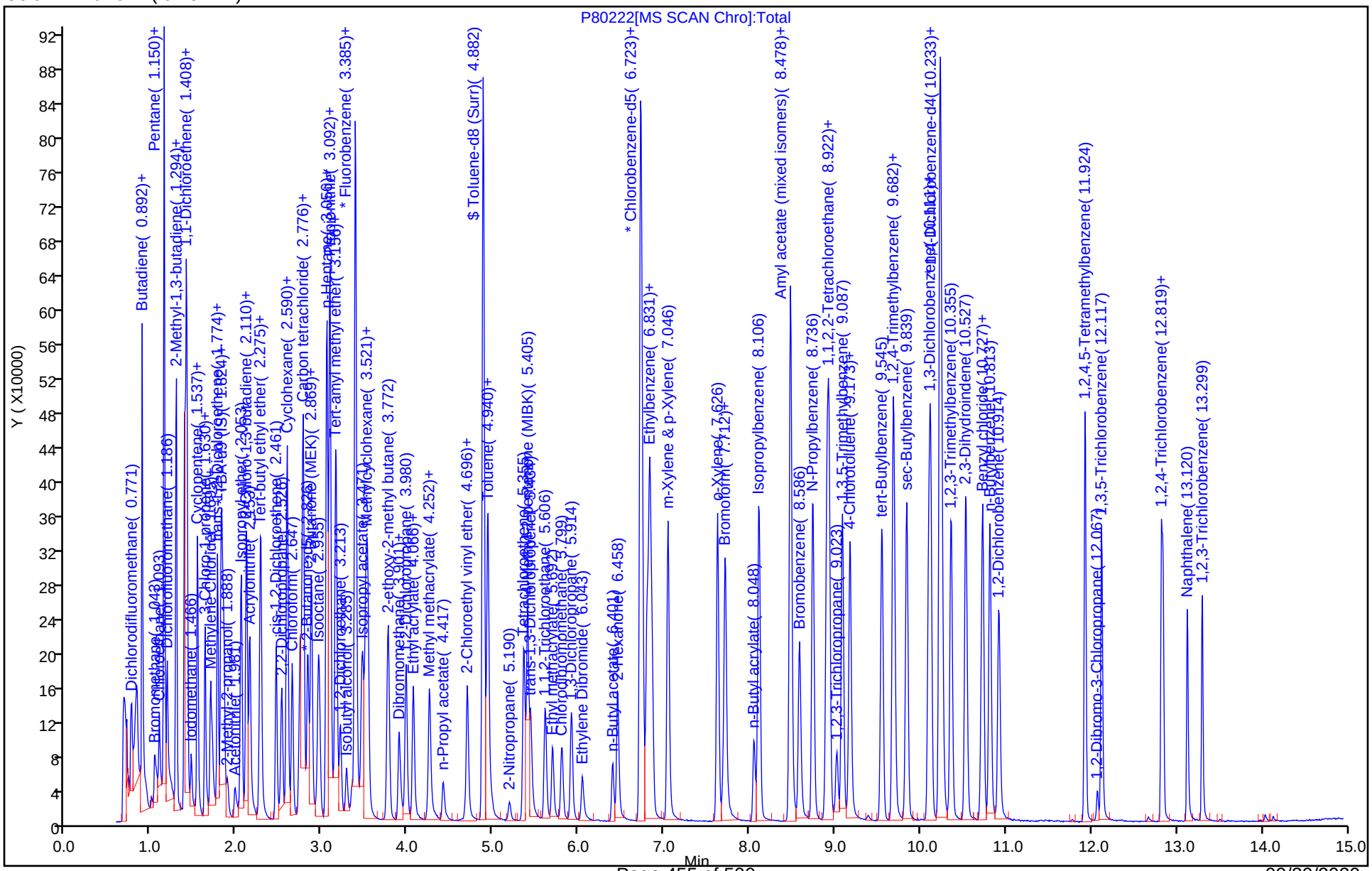
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

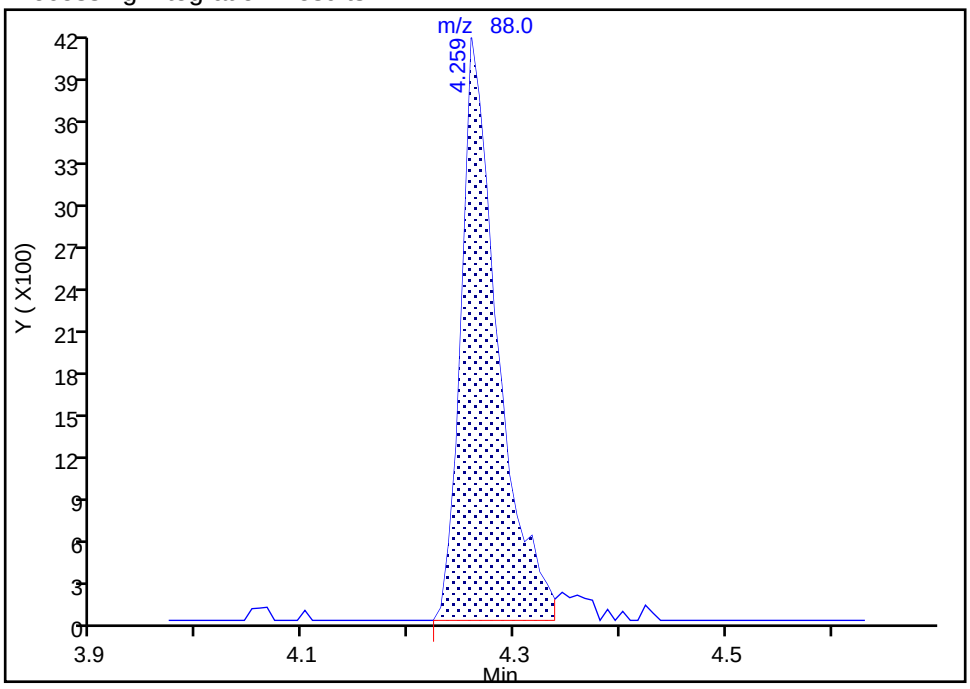
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D
Injection Date: 25-Sep-2020 10:36:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

78 1,4-Dioxane, CAS: 123-91-1

Signal: 1

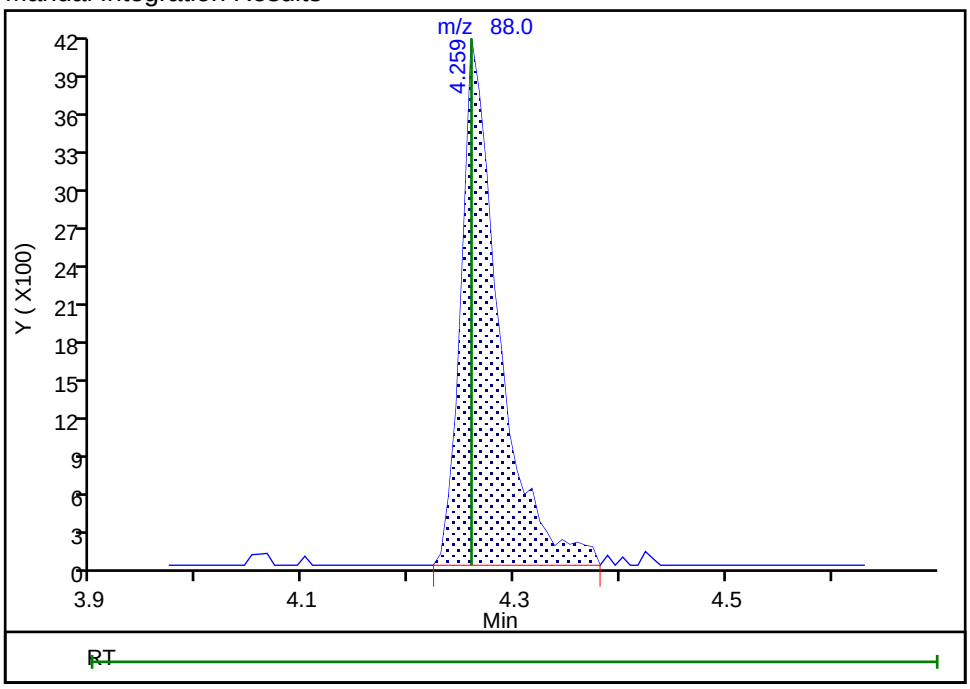
Processing Integration Results

RT: 4.26
Area: 9886
Amount: 399.7251
Amount Units: ug/l



Manual Integration Results

RT: 4.26
Area: 10246
Amount: 391.8777
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 15:28:02
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

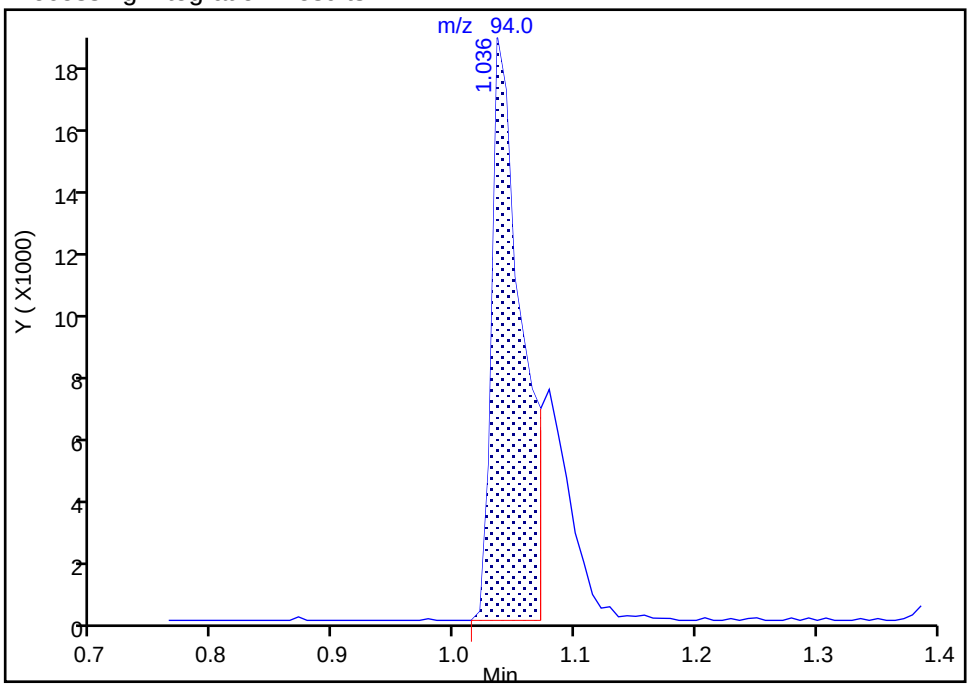
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D
Injection Date: 25-Sep-2020 10:36:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

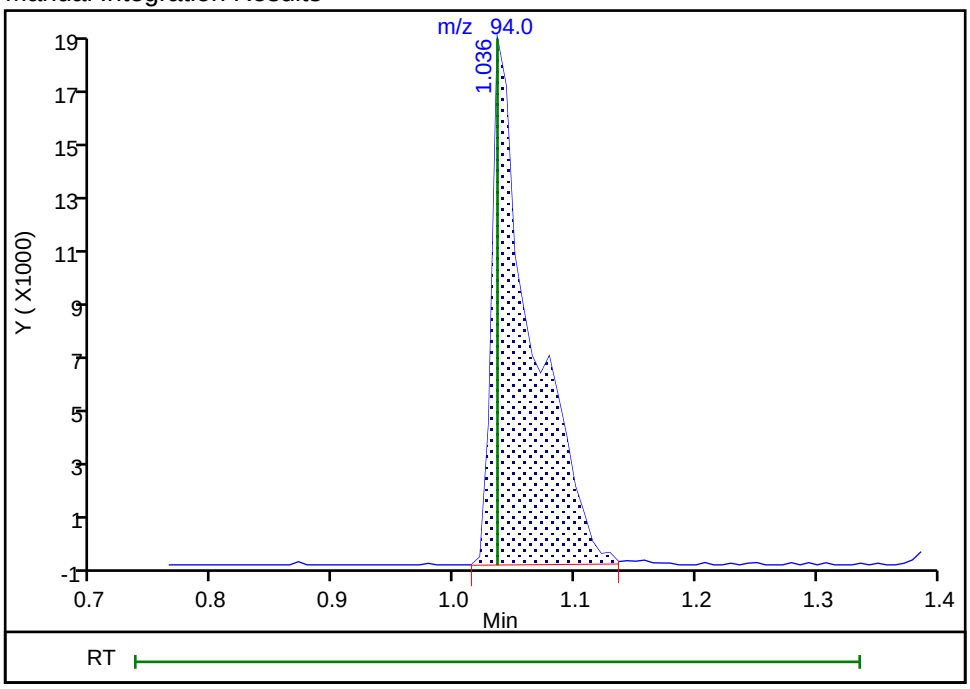
Processing Integration Results

RT: 1.04
Area: 32799
Amount: 16.043359
Amount Units: ug/l



Manual Integration Results

RT: 1.04
Area: 43368
Amount: 21.213097
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:45:03
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

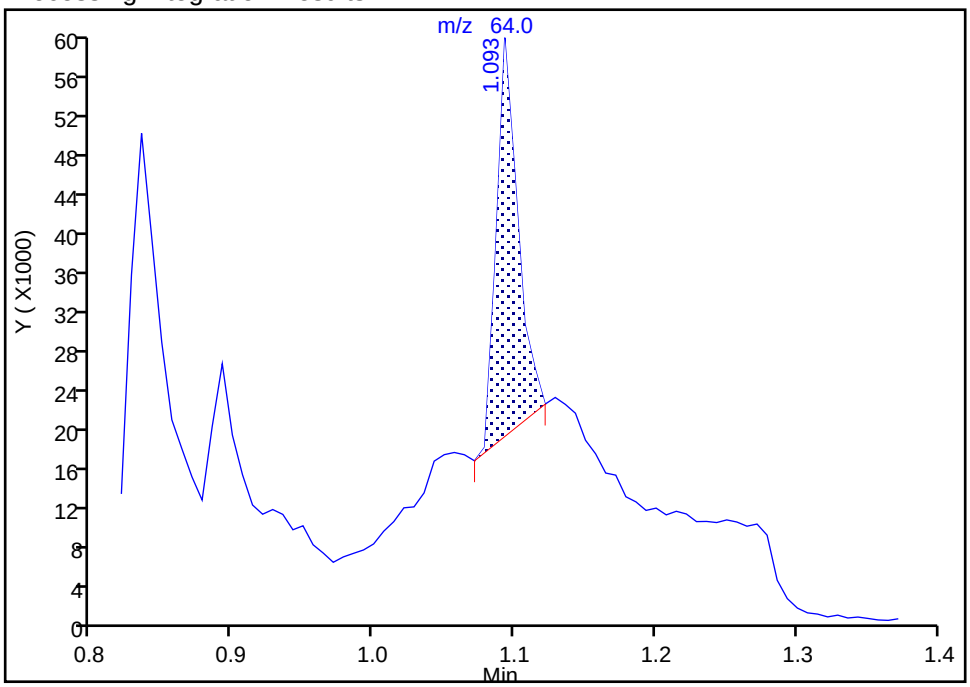
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D
Injection Date: 25-Sep-2020 10:36:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

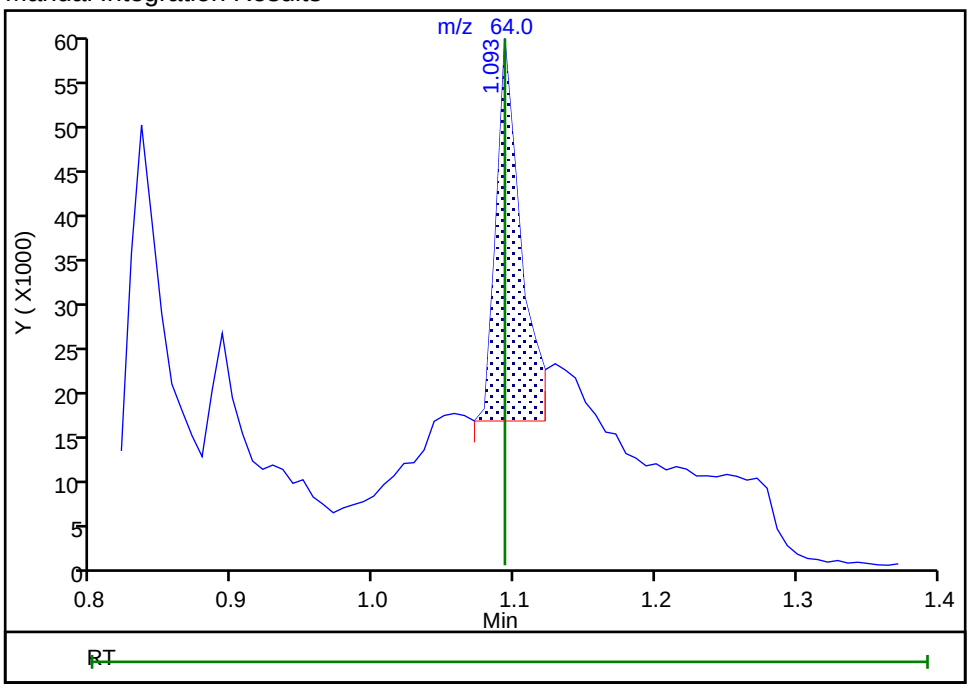
Processing Integration Results

RT: 1.09
Area: 42370
Amount: 16.247658
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 52229
Amount: 20.028297
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:45:25
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

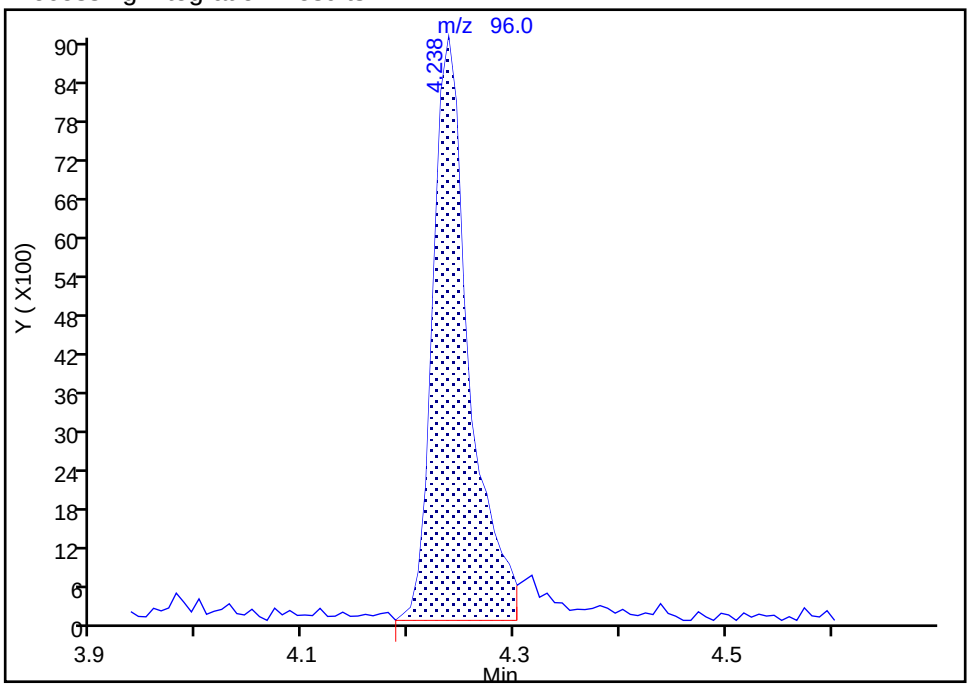
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80222.D
Injection Date: 25-Sep-2020 10:36:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

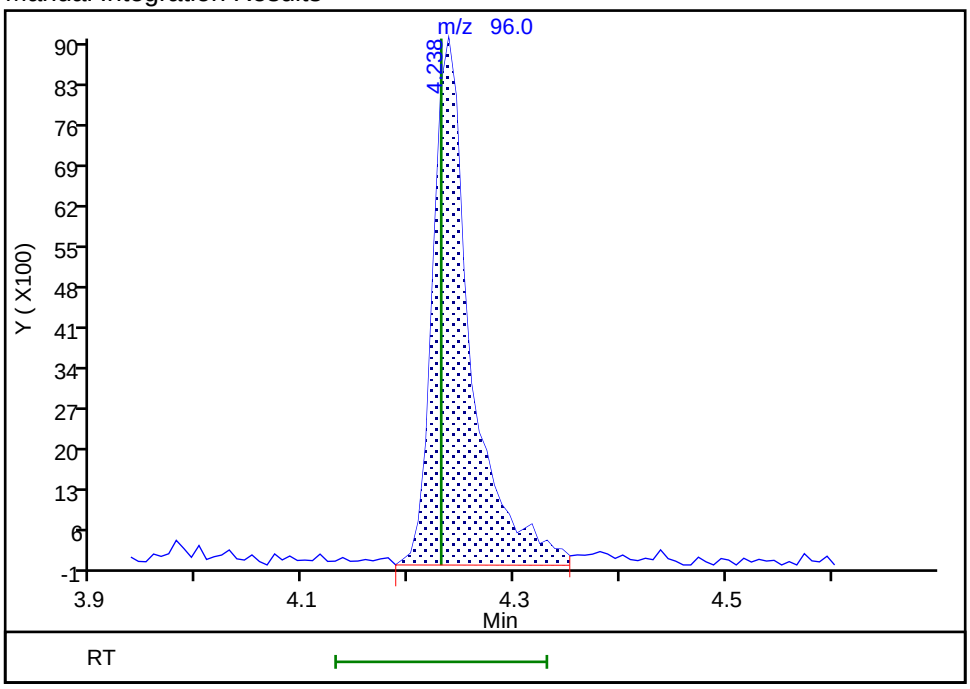
Processing Integration Results

RT: 4.24
Area: 21445
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 22671
Amount: 1000.0000
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 15:28:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-727063/3

Matrix: Water Lab File ID: O63766.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2020 21:23

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	19.7		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.20
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	19.5		1.0	0.26
107-06-2	1,2-Dichloroethane	17.9		1.0	0.43
78-87-5	1,2-Dichloropropane	19.2		1.0	0.35
123-91-1	1,4-Dioxane	395		50	28
78-93-3	2-Butanone	102		5.0	1.9
591-78-6	2-Hexanone	98.5		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	99.0		5.0	1.3
67-64-1	Acetone	90.7		5.0	4.4
71-43-2	Benzene	19.5		1.0	0.20
75-27-4	Bromodichloromethane	18.6		1.0	0.34
75-25-2	Bromoform	18.2		1.0	0.54
74-83-9	Bromomethane	17.7		1.0	0.55
75-15-0	Carbon disulfide	21.2		1.0	0.82
56-23-5	Carbon tetrachloride	18.3		1.0	0.21
108-90-7	Chlorobenzene	19.9		1.0	0.38
75-00-3	Chloroethane	20.2		1.0	0.32
67-66-3	Chloroform	18.7		1.0	0.33
74-87-3	Chloromethane	18.5		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.22
124-48-1	Dibromochloromethane	19.3		1.0	0.28
100-41-4	Ethylbenzene	20.2		1.0	0.30
75-09-2	Methylene Chloride	19.2		1.0	0.32
100-42-5	Styrene	20.9		1.0	0.42
127-18-4	Tetrachloroethene	20.3		1.0	0.25
108-88-3	Toluene	19.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.9		1.0	0.22
79-01-6	Trichloroethene	19.4		1.0	0.31
75-01-4	Vinyl chloride	19.2		1.0	0.17
1330-20-7	Xylenes, Total	39.2		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-727063/3

Matrix: Water Lab File ID: O63766.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2020 21:23

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		75-123
460-00-4	Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63766.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 26-Sep-2020 21:23:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Sep-2020 01:45:01 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1015

First Level Reviewer: boykink Date: 27-Sep-2020 01:45:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	0.921	0.921	0.000	99	51504	20.0	16.3	
6 Chloromethane	50	1.057	1.057	0.000	99	55758	20.0	18.5	
7 Vinyl chloride	62	1.078	1.078	0.000	98	56648	20.0	19.2	
8 Butadiene	54	1.093	1.093	0.000	97	53171	20.0	20.2	
9 Bromomethane	94	1.257	1.257	0.000	98	25022	20.0	17.7	
10 Chloroethane	64	1.314	1.314	0.000	99	32002	20.0	20.2	
11 Dichlorofluoromethane	67	1.429	1.429	0.000	98	72812	20.0	19.9	
12 Trichlorofluoromethane	101	1.457	1.457	0.000	98	57140	20.0	20.2	
13 Pentane	72	1.507	1.507	0.000	97	13980	40.0	35.9	
14 Ethanol	46	1.572	1.565	0.007	98	7717	800.0	782.2	
15 Ethyl ether	59	1.622	1.622	0.000	95	33836	20.0	18.4	
17 2-Methyl-1,3-butadiene	53	1.643	1.636	0.007	96	36476	20.0	18.6	
19 Acrolein	56	1.693	1.693	0.000	71	1206	40.0	29.5	
20 1,1-Dichloroethene	96	1.758	1.758	0.000	98	37781	20.0	19.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.765	1.765	0.000	98	37354	20.0	18.8	
22 Acetone	58	1.786	1.786	0.000	88	12773	100.0	90.7	
23 Iodomethane	127	1.851	1.851	0.000	96	13042	20.0	12.9	
24 Isopropyl alcohol	45	1.879	1.879	0.000	99	17854	200.0	177.0	
25 Carbon disulfide	76	1.886	1.886	0.000	99	136043	20.0	21.2	
27 Acetonitrile	38	1.979	1.979	0.000	85	12744	200.0	196.9	
26 3-Chloro-1-propene	76	1.979	1.979	0.000	95	28032	20.0	10.2	
28 Methyl acetate	74	1.994	1.994	0.000	99	10959	40.0	37.9	
29 Cyclopentene	67	2.036	2.036	0.000	95	102347	20.0	18.4	
30 Methylene Chloride	84	2.058	2.058	0.000	90	45997	20.0	19.2	
* 31 TBA-d9 (IS)	65	2.086	2.079	0.007	100	164520	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.137	2.137	0.000	99	32369	200.0	182.3	
33 Acrylonitrile	53	2.215	2.215	0.000	96	108785	200.0	165.1	
34 trans-1,2-Dichloroethene	96	2.244	2.244	0.000	94	42617	20.0	19.7	
35 Methyl tert-butyl ether	73	2.251	2.251	0.000	97	118600	20.0	19.2	
36 Hexane	57	2.444	2.444	0.000	93	61172	20.0	18.2	
37 1,1-Dichloroethane	63	2.530	2.530	0.000	99	76583	20.0	18.8	
38 Vinyl acetate	86	2.580	2.580	0.000	100	17840	40.0	43.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Isopropyl ether	45	2.601	2.601	0.000	90	142682	20.0	19.1	
40 2-Chloro-1,3-butadiene	88	2.608	2.608	0.000	88	41940	20.0	19.4	
41 Tert-butyl ethyl ether	59	2.880	2.880	0.000	90	135897	20.0	18.5	
* 42 2-Butanone-d5	46	2.945	2.945	-0.001	99	204265	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.973	2.973	0.000	94	46530	20.0	19.5	
43 2,2-Dichloropropane	97	2.973	2.973	0.000	77	14477	20.0	19.8	
45 2-Butanone (MEK)	72	2.995	2.995	0.000	99	21589	100.0	101.9	
46 Propionitrile	52	3.030	3.030	0.000	97	8520	200.0	195.9	
47 Ethyl acetate	70	3.059	3.052	0.007	100	8622	40.0	40.9	
48 Methyl acrylate	55	3.080	3.080	0.000	99	35356	20.0	17.3	
49 Methacrylonitrile	67	3.166	3.159	0.007	92	156347	200.0	184.7	
50 Chlorobromomethane	128	3.166	3.166	0.000	87	21481	20.0	19.7	
51 Tetrahydrofuran	42	3.216	3.216	0.000	82	20033	40.0	36.0	
52 Chloroform	83	3.245	3.245	0.000	99	67170	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	111247	50.0	51.7	
54 1,1,1-Trichloroethane	97	3.402	3.402	0.000	99	56368	20.0	18.5	
55 Cyclohexane	84	3.452	3.452	0.000	90	61655	20.0	18.2	
56 Carbon tetrachloride	117	3.545	3.545	0.000	72	42955	20.0	18.3	
57 1,1-Dichloropropene	75	3.545	3.545	0.000	96	58672	20.0	19.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	117166	50.0	48.3	
59 Isobutyl alcohol	43	3.688	3.688	0.000	92	37691	500.0	470.1	
60 Benzene	78	3.731	3.731	0.000	95	175265	20.0	19.5	
61 1,2-Dichloroethane	62	3.745	3.745	0.000	96	48649	20.0	17.9	
62 Isooctane	57	3.831	3.831	0.000	96	118352	20.0	17.9	
63 Isopropyl acetate	61	3.838	3.838	0.000	98	15055	20.0	17.8	
64 Tert-amyl methyl ether	73	3.860	3.860	0.000	99	122573	20.0	18.9	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	465463	50.0	50.0	
66 n-Heptane	43	4.024	4.024	0.000	93	50348	20.0	17.8	
67 n-Butanol	56	4.360	4.360	0.000	88	25986	500.0	481.7	
68 Trichloroethene	95	4.375	4.375	0.000	98	44085	20.0	19.4	
69 Ethyl acrylate	55	4.525	4.525	0.000	98	49301	20.0	17.1	
70 Methylcyclohexane	83	4.575	4.575	0.000	96	73422	20.0	18.5	
71 1,2-Dichloropropane	63	4.596	4.596	0.000	93	47121	20.0	19.2	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	23869	1000.0	1000.0	
73 Dibromomethane	93	4.718	4.718	0.000	98	24535	20.0	19.0	
74 1,4-Dioxane	88	4.768	4.768	0.000	93	10244	400.0	394.6	
75 Methyl methacrylate	100	4.775	4.775	0.000	89	24002	40.0	37.5	
76 n-Propyl acetate	43	4.861	4.861	0.000	98	54924	20.0	17.2	
77 Dichlorobromomethane	83	4.911	4.911	0.000	100	51640	20.0	18.6	
78 2-Nitropropane	41	5.175	5.175	0.000	98	12752	40.0	32.0	
79 2-Chloroethyl vinyl ether	63	5.297	5.297	0.000	96	26664	20.0	19.0	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	77389	400.0	402.4	
81 cis-1,3-Dichloropropene	75	5.440	5.440	0.000	92	75949	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.662	5.662	0.000	95	183732	100.0	99.0	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	493585	50.0	52.9	
84 Toluene	91	5.848	5.848	0.000	93	191203	20.0	19.6	
85 trans-1,3-Dichloropropene	75	6.155	6.155	0.000	97	64503	20.0	18.9	
86 Ethyl methacrylate	69	6.334	6.334	0.000	90	56281	20.0	18.8	
87 1,1,2-Trichloroethane	83	6.377	6.377	0.000	95	33365	20.0	19.5	
88 Tetrachloroethene	166	6.548	6.548	0.000	97	46260	20.0	20.3	
89 1,3-Dichloropropane	76	6.591	6.591	0.000	93	69924	20.0	19.3	
90 2-Hexanone	43	6.770	6.770	0.000	95	126960	100.0	98.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 Chlorodibromomethane	129	6.884	6.884	0.000	99	38050	20.0	19.3	
92 n-Butyl acetate	43	6.999	6.999	0.000	99	61803	20.0	17.9	
93 Ethylene Dibromide	107	7.013	7.013	0.000	99	40090	20.0	19.5	
* 94 Chlorobenzene-d5	117	7.699	7.699	0.000	85	378090	50.0	50.0	
95 Chlorobenzene	112	7.742	7.742	0.000	96	129370	20.0	19.9	
96 1,1,1,2-Tetrachloroethane	131	7.885	7.885	0.000	96	39928	20.0	19.8	
97 Ethylbenzene	106	7.950	7.950	0.000	98	69021	20.0	20.2	
98 m-Xylene & p-Xylene	106	8.136	8.136	0.000	100	85722	20.0	19.6	
99 o-Xylene	106	8.729	8.729	0.000	94	85804	20.0	19.6	
100 Styrene	104	8.758	8.758	0.000	97	148644	20.0	20.9	
101 n-Butyl acrylate	73	8.815	8.815	0.000	98	32656	20.0	19.4	
102 Bromoform	173	8.979	8.979	0.000	96	22048	20.0	18.2	
103 Amyl acetate (mixed isomers)	43	9.208	9.208	0.000	92	74649	20.0	18.6	
104 Isopropylbenzene	105	9.337	9.337	0.000	95	218525	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	89	150381	50.0	53.0	
106 Bromobenzene	156	9.730	9.730	0.000	99	54039	20.0	20.5	
107 1,1,2,2-Tetrachloroethane	83	9.844	9.845	0.000	98	52470	20.0	19.7	
108 1,2,3-Trichloropropane	110	9.866	9.866	0.000	99	14309	20.0	19.8	
109 trans-1,4-Dichloro-2-butene	53	9.945	9.945	0.000	91	11740	20.0	16.5	
110 N-Propylbenzene	91	10.009	10.009	0.000	99	235206	20.0	19.3	
111 2-Chlorotoluene	91	10.088	10.088	0.000	97	149793	20.0	19.8	
112 4-Ethyltoluene	105	10.216	10.209	0.007	100	192604	20.0	18.9	
113 4-Chlorotoluene	91	10.274	10.274	0.000	97	151998	20.0	20.0	
114 1,3,5-Trimethylbenzene	105	10.331	10.331	0.000	93	145685	20.0	18.7	
115 Butyl Methacrylate	87	10.610	10.610	0.000	90	57829	20.0	18.5	
116 tert-Butylbenzene	119	10.846	10.846	0.000	95	144400	20.0	18.8	
117 1,2,4-Trimethylbenzene	105	10.931	10.938	-0.007	97	138809	20.0	17.8	
118 sec-Butylbenzene	105	11.217	11.217	0.000	99	207893	20.0	18.9	
119 1,3-Dichlorobenzene	146	11.303	11.303	0.000	96	101105	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	11.410	11.410	0.000	95	183634	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.446	11.446	0.000	96	95770	20.0	19.9	
122 4-Isopropyltoluene	119	11.460	11.460	0.000	98	152547	20.0	18.0	
123 1,2,3-Trimethylbenzene	105	11.561	11.561	0.000	98	131017	20.0	17.3	
124 Benzyl chloride	126	11.661	11.661	0.000	99	17316	20.0	18.1	
125 2,3-Dihydroindene	117	11.789	11.789	0.000	95	173712	20.0	19.6	
126 1,2-Dichlorobenzene	146	11.925	11.925	0.000	96	94874	20.0	20.1	
127 p-Diethylbenzene	119	11.975	11.975	0.000	94	75007	20.0	17.5	
128 n-Butylbenzene	92	12.004	12.004	0.000	97	66832	20.0	17.2	
129 1,2-Dibromo-3-Chloropropane	157	12.812	12.812	0.000	97	10485	20.0	19.7	
130 1,2,4,5-Tetramethylbenzene	119	12.833	12.833	0.000	97	132896	20.0	29.0	
131 1,3,5-Trichlorobenzene	180	13.026	13.026	0.000	97	51137	20.0	18.9	
132 1,2,4-Trichlorobenzene	180	13.591	13.591	0.000	94	46650	20.0	20.5	
133 Hexachlorobutadiene	225	13.770	13.770	0.000	92	22145	20.0	19.3	
134 Naphthalene	128	13.791	13.791	0.000	99	107437	20.0	26.9	
135 1,2,3-Trichlorobenzene	180	13.999	13.999	0.000	96	42762	20.0	22.2	
S 137 1,2-Dichloroethene, Total	100				0		40.0	39.2	
S 138 Xylenes, Total	100				0		40.0	39.2	
S 139 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Sep-2020 01:45:31 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63766.D

Injection Date: 26-Sep-2020 21:23:30 Instrument ID: CVOAMS12 Operator ID:

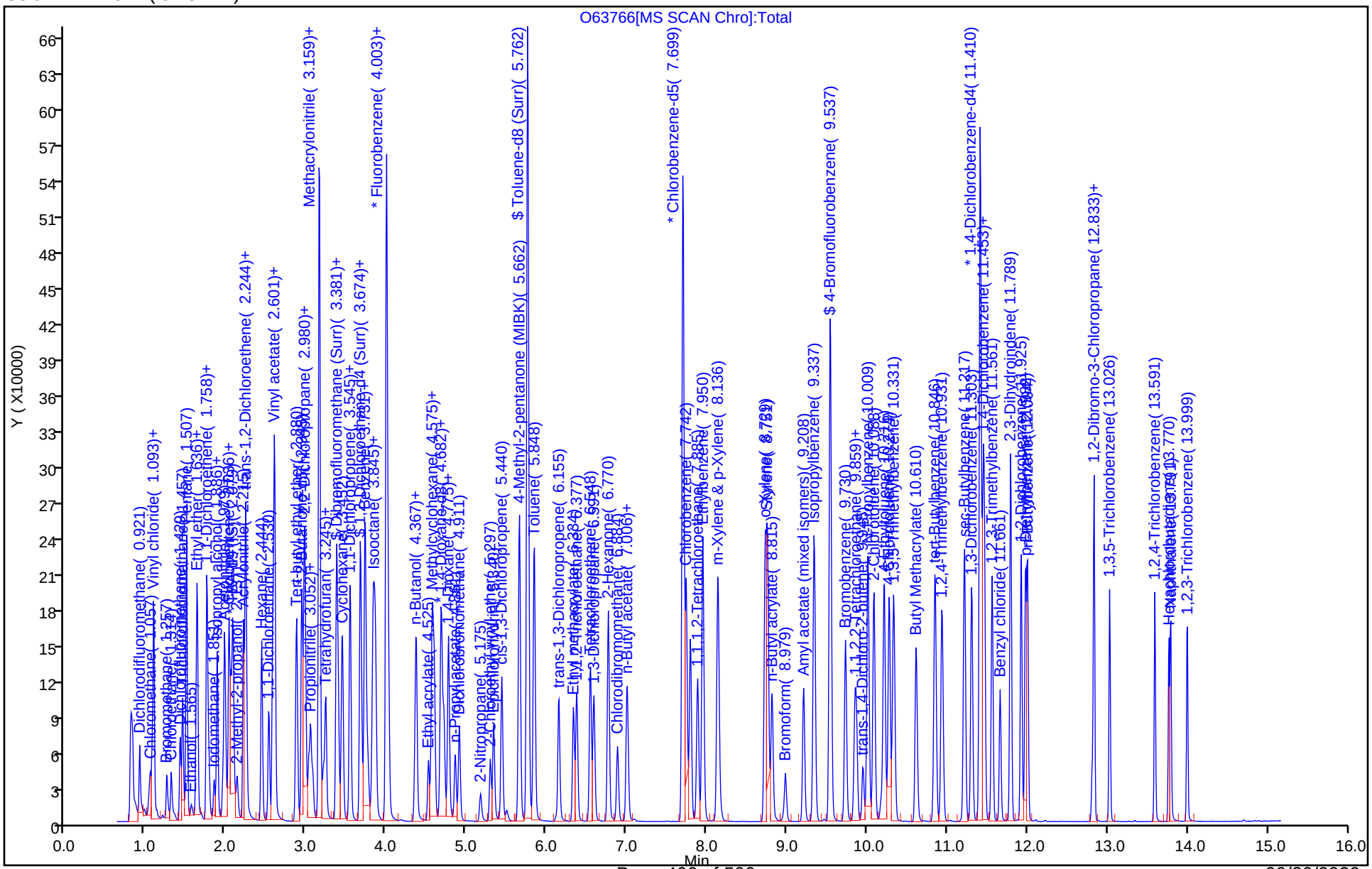
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-726662/5

Matrix: Water Lab File ID: P80223.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 11:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	22.8		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.0	0.37
79-00-5	1,1,2-Trichloroethane	21.3		1.0	0.20
75-34-3	1,1-Dichloroethane	21.9		1.0	0.26
75-35-4	1,1-Dichloroethene	23.5		1.0	0.26
107-06-2	1,2-Dichloroethane	21.2		1.0	0.43
78-87-5	1,2-Dichloropropane	21.8		1.0	0.35
123-91-1	1,4-Dioxane	455		50	28
78-93-3	2-Butanone	110		5.0	1.9
591-78-6	2-Hexanone	113		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	117		5.0	1.3
67-64-1	Acetone	110		5.0	4.4
71-43-2	Benzene	20.3		1.0	0.20
75-27-4	Bromodichloromethane	22.1		1.0	0.34
75-25-2	Bromoform	22.2		1.0	0.54
74-83-9	Bromomethane	28.9		1.0	0.55
75-15-0	Carbon disulfide	24.3		1.0	0.82
56-23-5	Carbon tetrachloride	20.7		1.0	0.21
108-90-7	Chlorobenzene	21.7		1.0	0.38
75-00-3	Chloroethane	21.8		1.0	0.32
67-66-3	Chloroform	22.2		1.0	0.33
74-87-3	Chloromethane	22.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	21.8		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.5		1.0	0.22
124-48-1	Dibromochloromethane	21.4		1.0	0.28
100-41-4	Ethylbenzene	21.7		1.0	0.30
75-09-2	Methylene Chloride	22.1		1.0	0.32
100-42-5	Styrene	21.3		1.0	0.42
127-18-4	Tetrachloroethene	22.1		1.0	0.25
108-88-3	Toluene	20.6		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	22.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.0		1.0	0.22
79-01-6	Trichloroethene	22.2		1.0	0.31
75-01-4	Vinyl chloride	24.0		1.0	0.17
1330-20-7	Xylenes, Total	42.8		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-726662/5

Matrix: Water Lab File ID: P80223.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/25/2020 11:00

Soil Aliquot Vol: Dilution Factor: 1

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

% Moisture: Level: (low/med) Low

Analysis Batch No.: 726662 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		75-123
460-00-4	Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80223.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 25-Sep-2020 11:00:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0117333-005
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\8260W_13.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 26-Sep-2020 15:28:56 Calib Date: 04-Sep-2020 16:58:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20200904-116303.b\P79359.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1040

First Level Reviewer: moroneyc Date: 25-Sep-2020 10:23:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.771	0.771	0.000	98	115182	20.0	25.9	
8 Butadiene	54	0.885	0.885	0.000	93	96558	20.0	23.3	
6 Chloromethane	50	0.893	0.885	0.008	98	139082	20.0	22.4	
7 Vinyl chloride	62	0.893	0.893	0.000	97	109065	20.0	24.0	
9 Bromomethane	94	1.036	1.036	0.000	99	49801	20.0	28.9	
10 Chloroethane	64	1.093	1.093	0.000	98	52680	20.0	21.8	M
11 Pentane	72	1.150	1.143	0.007	97	32353	40.0	52.5	
12 Trichlorofluoromethane	101	1.150	1.143	0.007	60	118819	20.0	28.6	
13 Dichlorofluoromethane	67	1.179	1.186	-0.007	98	146292	20.0	26.2	
14 2-Methyl-1,3-butadiene	67	1.287	1.287	0.000	95	127234	20.0	26.6	
15 Ethyl ether	59	1.294	1.294	0.000	93	56783	20.0	25.5	
17 1,1-Dichloroethene	96	1.387	1.387	0.000	98	69976	20.0	23.5	
19 Carbon disulfide	76	1.401	1.401	0.000	99	282551	20.0	24.3	
16 Ethanol	46	1.401	1.401	0.000	23	10274	800.0	864.1	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.408	1.408	0.000	92	72313	20.0	24.9	
22 Iodomethane	142	1.466	1.466	0.000	96	86600	20.0	18.4	
23 Cyclopentene	67	1.537	1.537	0.000	96	186511	20.0	22.7	
24 Acrolein	56	1.559	1.559	0.000	93	10905	40.0	39.2	
25 3-Chloro-1-propene	76	1.623	1.623	0.000	92	41265	20.0	21.7	
26 Isopropyl alcohol	45	1.652	1.652	0.000	97	22798	200.0	197.1	
27 Methylene Chloride	84	1.695	1.695	0.000	93	79241	20.0	22.1	
28 Acetone	43	1.709	1.709	0.000	88	60261	100.0	110.0	
29 trans-1,2-Dichloroethene	96	1.774	1.766	0.008	94	76513	20.0	22.5	
30 Methyl acetate	43	1.781	1.781	0.000	98	56647	40.0	40.6	
31 Hexane	86	1.817	1.817	0.000	91	19914	20.0	24.3	
32 Methyl tert-butyl ether	73	1.831	1.831	0.000	95	154869	20.0	22.3	
* 33 TBA-d9 (IS)	65	1.845	1.845	0.000	100	143304	1000.0	1000.0	
34 2-Methyl-2-propanol	59	1.888	1.888	0.000	99	33085	200.0	211.0	
35 Acetonitrile	41	1.981	1.981	0.000	98	47850	200.0	167.0	
36 Isopropyl ether	45	2.046	2.046	0.000	96	228299	20.0	21.0	
37 2-Chloro-1,3-butadiene	88	2.110	2.103	0.007	89	68319	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 1,1-Dichloroethane	63	2.117	2.117	0.000	100	138082	20.0	21.9	
39 Acrylonitrile	53	2.146	2.146	0.000	93	170733	200.0	208.9	
40 Tert-butyl ethyl ether	59	2.268	2.268	0.000	90	191223	20.0	21.3	
41 Vinyl acetate	43	2.282	2.282	0.000	99	213677	40.0	44.0	
42 cis-1,2-Dichloroethene	96	2.461	2.454	0.007	99	82124	20.0	21.8	
43 2,2-Dichloropropane	77	2.526	2.526	0.000	98	85565	20.0	20.0	
44 Cyclohexane	56	2.583	2.583	0.000	91	140726	20.0	22.3	
45 Chlorobromomethane	128	2.590	2.590	0.000	87	36930	20.0	22.5	
46 Chloroform	83	2.648	2.648	0.000	99	125713	20.0	22.2	
47 Carbon tetrachloride	117	2.733	2.733	0.000	98	69031	20.0	20.7	
48 Ethyl acetate	70	2.741	2.741	0.000	99	9770	40.0	44.7	
49 Methyl acrylate	55	2.748	2.748	0.000	80	38753	20.0	21.8	
50 Tetrahydrofuran	42	2.755	2.755	0.000	96	32902	40.0	43.1	
$ 51 Dibromofluoromethane (Surr)	113	2.769	2.769	0.000	97	158658	50.0	55.8	
52 1,1,1-Trichloroethane	97	2.776	2.776	0.000	97	103717	20.0	22.8	
* 53 2-Butanone-d5	46	2.827	2.827	0.000	98	168670	250.0	250.0	
54 2-Butanone (MEK)	72	2.862	2.862	0.000	99	27050	100.0	109.8	
55 1,1-Dichloropropene	75	2.870	2.870	0.000	97	111833	20.0	22.7	
56 Isooctane	57	2.956	2.956	0.000	99	217754	20.0	21.8	
57 n-Heptane	57	3.049	3.049	0.000	89	56130	20.0	22.9	
58 Benzene	78	3.049	3.049	0.000	95	314930	20.0	20.3	
59 Propionitrile	54	3.070	3.070	0.000	94	59049	200.0	194.2	
60 Methacrylonitrile	67	3.092	3.084	0.008	91	194492	200.0	214.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.156	3.156	0.000	0	156359	50.0	54.8	
62 Tert-amyl methyl ether	73	3.163	3.156	0.007	98	159911	20.0	21.4	
63 1,2-Dichloroethane	62	3.213	3.206	0.007	97	78239	20.0	21.2	
64 Isobutyl alcohol	43	3.285	3.278	0.007	98	36340	500.0	474.3	
65 t-Amyl alcohol	59	3.349	3.342	0.007	96	25408	200.0	204.3	
* 66 Fluorobenzene	96	3.385	3.385	0.000	99	660212	50.0	50.0	
67 Isopropyl acetate	43	3.457	3.457	0.000	99	79616	20.0	19.0	
68 Methylcyclohexane	83	3.514	3.507	0.007	95	131588	20.0	22.6	
69 Trichloroethene	130	3.536	3.536	0.000	97	79005	20.0	22.2	
70 2-ethoxy-2-methyl butane	59	3.772	3.772	0.000	94	148987	20.0	20.3	
71 Dibromomethane	93	3.894	3.894	0.000	96	36176	20.0	22.8	
72 n-Butanol	56	3.915	3.908	0.007	88	20768	500.0	439.0	
73 1,2-Dichloropropane	63	3.980	3.980	0.000	94	77631	20.0	21.8	
74 Ethyl acrylate	55	4.066	4.059	0.007	61	50691	20.0	21.2	
75 Dichlorobromomethane	83	4.066	4.066	0.000	99	86426	20.0	22.1	
* 76 1,4-Dioxane-d8	96	4.238	4.231	0.007	63	19539	1000.0	1000.0	M
77 Methyl methacrylate	100	4.252	4.252	0.000	89	23883	40.0	44.9	
78 1,4-Dioxane	88	4.266	4.259	0.007	38	10258	400.0	455.2	
79 n-Propyl acetate	43	4.417	4.417	0.000	98	54696	20.0	20.4	
80 2-Chloroethyl vinyl ether	63	4.675	4.667	0.008	94	7694	20.0	11.4	
81 cis-1,3-Dichloropropene	75	4.696	4.696	0.000	92	104479	20.0	20.5	
$ 82 Toluene-d8 (Surr)	98	4.882	4.882	0.000	99	647785	50.0	50.5	
83 Toluene	91	4.940	4.933	0.008	93	325514	20.0	20.6	
84 Epichlorohydrin	57	4.975	4.990	-0.015	97	21431	400.0	362.0	a
85 2-Nitropropane	41	5.190	5.190	0.000	97	15109	40.0	42.6	
86 Tetrachloroethene	166	5.362	5.362	0.000	98	82036	20.0	22.1	
87 4-Methyl-2-pentanone (MIBK)	43	5.398	5.398	0.000	97	204116	100.0	117.0	
88 trans-1,3-Dichloropropene	75	5.441	5.441	0.000	94	84863	20.0	21.0	
89 1,1,2-Trichloroethane	83	5.606	5.606	0.000	96	45953	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
90 Ethyl methacrylate	69	5.692	5.692	0.000	90	62881	20.0	22.4	
91 Chlorodibromomethane	129	5.799	5.799	0.000	97	59486	20.0	21.4	
92 1,3-Dichloropropane	76	5.914	5.914	0.000	93	96563	20.0	21.5	
93 Ethylene Dibromide	107	6.043	6.043	0.000	99	52822	20.0	22.8	
94 n-Butyl acetate	43	6.401	6.394	0.007	98	55933	20.0	18.5	
95 2-Hexanone	43	6.458	6.451	0.007	95	132774	100.0	113.4	
* 96 Chlorobenzene-d5	117	6.723	6.723	0.000	86	497743	50.0	50.0	
97 Chlorobenzene	112	6.745	6.745	0.000	95	214962	20.0	21.7	
98 Ethylbenzene	106	6.831	6.831	0.000	98	120103	20.0	21.7	
99 1,1,1,2-Tetrachloroethane	131	6.859	6.859	0.000	95	66921	20.0	21.9	
100 m-Xylene & p-Xylene	106	7.046	7.046	0.000	0	141961	20.0	21.8	
101 o-Xylene	106	7.626	7.626	0.000	95	137669	20.0	20.9	
102 Bromoform	173	7.697	7.697	0.000	96	34887	20.0	22.2	
103 Styrene	104	7.712	7.712	0.000	97	224134	20.0	21.3	
104 n-Butyl acrylate	73	8.048	8.048	0.000	98	35666	20.0	20.2	
105 Isopropylbenzene	105	8.113	8.106	0.007	95	364592	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	8.464	8.464	0.000	91	83962	20.0	21.2	
$ 107 4-Bromofluorobenzene	174	8.478	8.478	0.000	94	220320	50.0	54.7	
108 Bromobenzene	156	8.586	8.586	0.000	96	90296	20.0	22.3	
109 N-Propylbenzene	91	8.736	8.743	-0.007	99	441387	20.0	21.8	
110 1,1,2,2-Tetrachloroethane	83	8.894	8.894	0.000	97	64076	20.0	22.8	
111 2-Chlorotoluene	91	8.908	8.908	0.000	97	284540	20.0	20.4	
112 4-Ethyltoluene	105	8.929	8.929	0.000	98	357029	20.0	21.2	
113 1,2,3-Trichloropropane	110	9.023	9.023	0.000	98	17132	20.0	23.0	
114 1,3,5-Trimethylbenzene	105	9.087	9.087	0.000	94	291217	20.0	20.7	
115 trans-1,4-Dichloro-2-butene	53	9.166	9.159	0.007	86	14024	20.0	26.1	a
116 4-Chlorotoluene	91	9.173	9.173	0.000	97	259246	20.0	21.1	
117 tert-Butylbenzene	119	9.546	9.546	0.000	96	254657	20.0	20.9	
118 1,2,4-Trimethylbenzene	105	9.682	9.682	0.000	97	301427	20.0	20.8	
119 Butyl Methacrylate	87	9.696	9.696	0.000	92	80729	20.0	20.7	
120 sec-Butylbenzene	105	9.839	9.839	0.000	99	387449	20.0	21.0	
121 1,3-Dichlorobenzene	146	10.097	10.097	0.000	97	173805	20.0	21.7	
122 4-Isopropyltoluene	119	10.119	10.119	0.000	98	329698	20.0	21.2	
* 123 1,4-Dichlorobenzene-d4	152	10.226	10.226	0.000	95	274107	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.247	10.247	0.000	95	180100	20.0	21.4	
125 1,2,3-Trimethylbenzene	105	10.355	10.355	0.000	98	300628	20.0	20.5	
126 2,3-Dihydroindene	117	10.527	10.527	0.000	94	302402	20.0	21.2	
127 Benzyl chloride	126	10.713	10.713	0.000	97	17245	20.0	20.2	
128 p-Diethylbenzene	119	10.727	10.727	0.000	94	166324	20.0	21.2	
129 n-Butylbenzene	91	10.813	10.813	0.000	99	307871	20.0	21.7	
130 1,2-Dichlorobenzene	146	10.914	10.914	0.000	97	158732	20.0	21.7	
131 1,2,4,5-Tetramethylbenzene	119	11.924	11.924	0.000	98	282623	20.0	20.7	
132 1,2-Dibromo-3-Chloropropane	157	12.074	12.074	0.000	94	11399	20.0	24.4	
133 1,3,5-Trichlorobenzene	180	12.117	12.117	0.000	97	127399	20.0	21.9	
134 1,2,4-Trichlorobenzene	180	12.819	12.819	0.000	94	102947	20.0	21.1	
135 Hexachlorobutadiene	225	12.841	12.841	0.000	97	46155	20.0	21.4	
136 Naphthalene	128	13.120	13.127	-0.007	100	182066	20.0	20.2	
137 1,2,3-Trichlorobenzene	180	13.299	13.299	0.000	94	79144	20.0	19.8	
S 138 1,2-Dichloroethene, Total	100				0		40.0	44.4	
S 139 1,3-Dichloropropene, Total	100				0		40.0	41.5	
S 140 Xylenes, Total	100				0		40.0	42.8	
S 142 Total BTEX	1				0		100.0	105.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260ISNEW_00129	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 26-Sep-2020 15:28:59 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80223.D

Injection Date: 25-Sep-2020 11:00:30 Instrument ID: CVOAMS13 Operator ID:

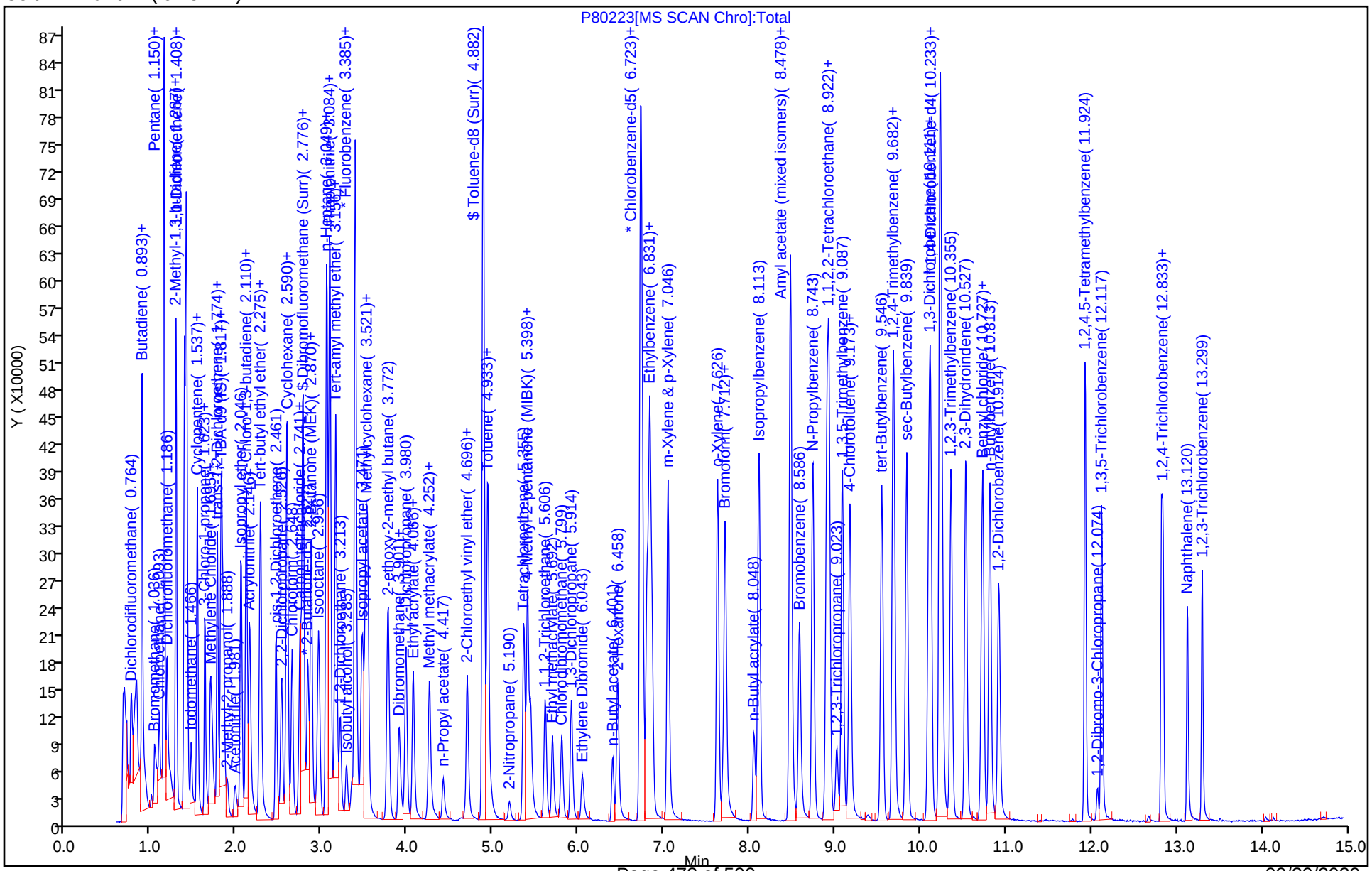
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

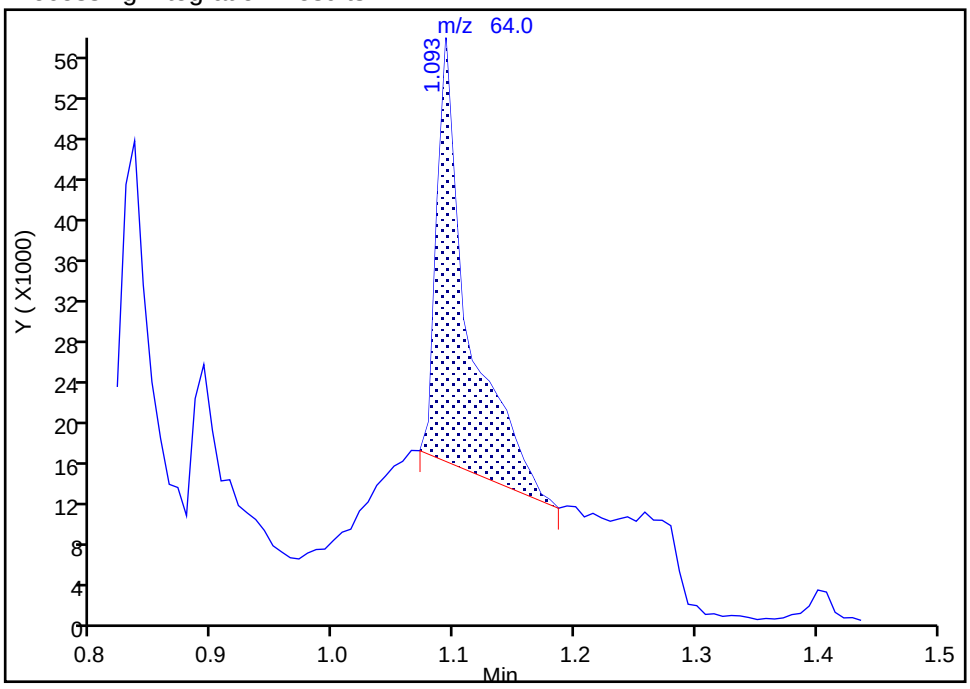
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80223.D
Injection Date: 25-Sep-2020 11:00:30 Instrument ID: CVOAMS13
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

10 Chloroethane, CAS: 75-00-3

Signal: 1

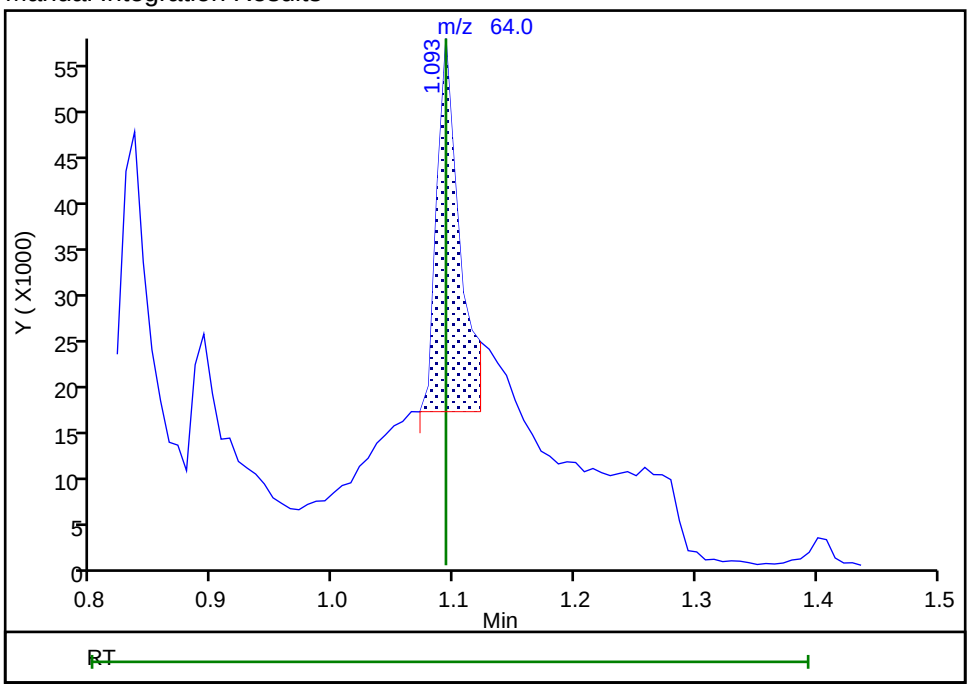
Processing Integration Results

RT: 1.09
Area: 72933
Amount: 30.154173
Amount Units: ug/l



Manual Integration Results

RT: 1.09
Area: 52680
Amount: 21.780564
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 14:47:58
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

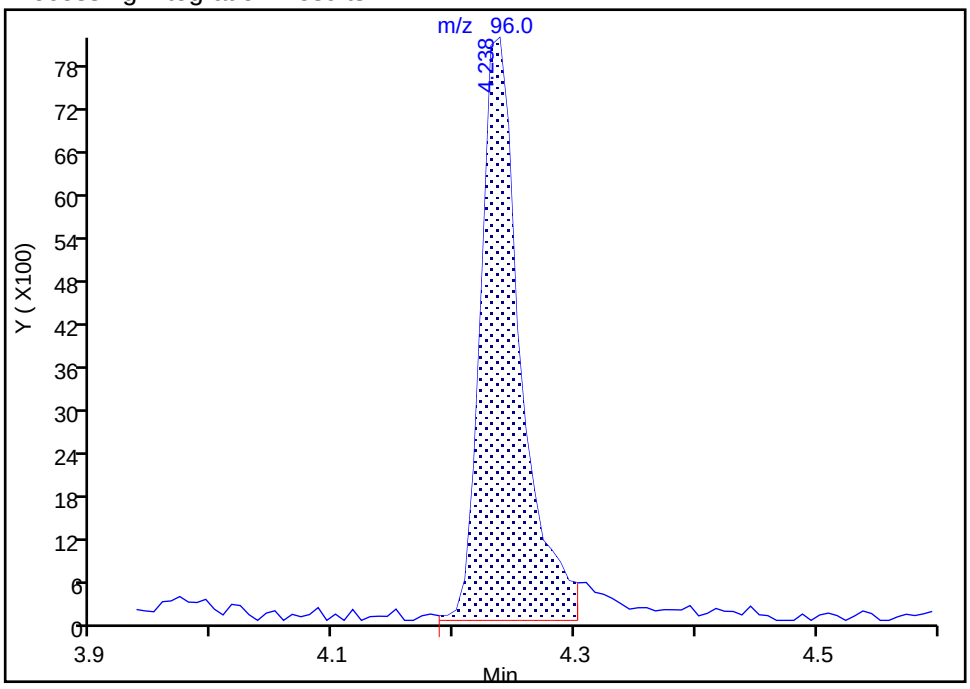
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20200925-117333.b\P80223.D
Injection Date: 25-Sep-2020 11:00:30 Instrument ID: CVOAMS13
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 76 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

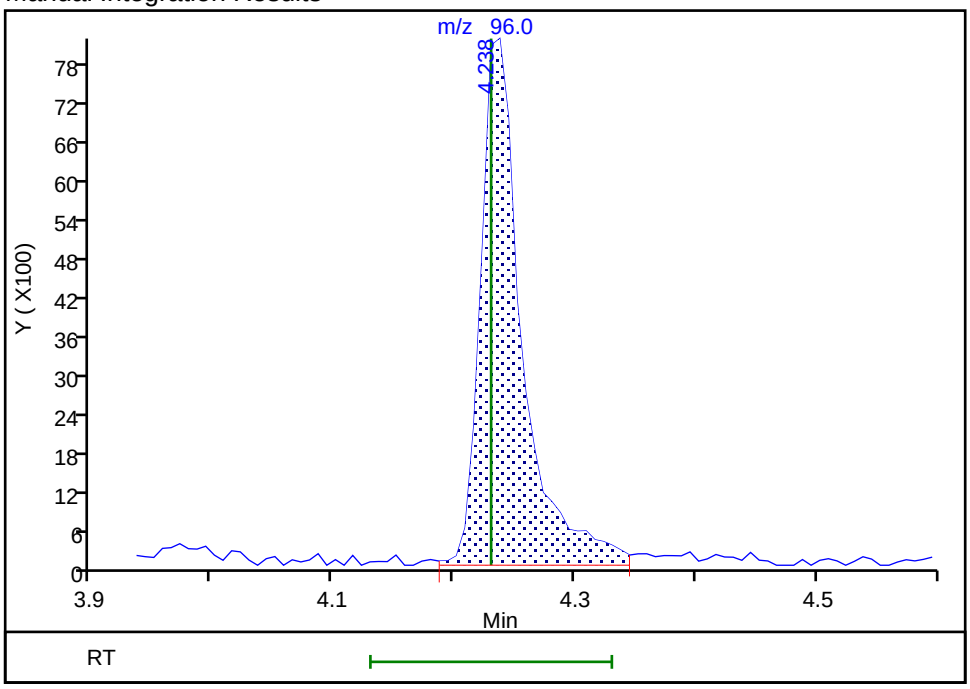
Processing Integration Results

RT: 4.24
Area: 18699
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.24
Area: 19539
Amount: 1000.0000
Amount Units: ug/l



Reviewer: xuyvo, 26-Sep-2020 15:28:47
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-727063/4

Matrix: Water Lab File ID: O63767.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2020 21:48

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.: 727063 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.37
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.20
75-34-3	1,1-Dichloroethane	19.3		1.0	0.26
75-35-4	1,1-Dichloroethene	20.2		1.0	0.26
107-06-2	1,2-Dichloroethane	18.2		1.0	0.43
78-87-5	1,2-Dichloropropane	19.7		1.0	0.35
123-91-1	1,4-Dioxane	390		50	28
78-93-3	2-Butanone	98.8		5.0	1.9
591-78-6	2-Hexanone	98.0		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	98.6		5.0	1.3
67-64-1	Acetone	91.8		5.0	4.4
71-43-2	Benzene	19.9		1.0	0.20
75-27-4	Bromodichloromethane	19.5		1.0	0.34
75-25-2	Bromoform	18.9		1.0	0.54
74-83-9	Bromomethane	17.5		1.0	0.55
75-15-0	Carbon disulfide	22.0		1.0	0.82
56-23-5	Carbon tetrachloride	19.5		1.0	0.21
108-90-7	Chlorobenzene	20.2		1.0	0.38
75-00-3	Chloroethane	21.2		1.0	0.32
67-66-3	Chloroform	19.4		1.0	0.33
74-87-3	Chloromethane	20.4		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.22
124-48-1	Dibromochloromethane	19.4		1.0	0.28
100-41-4	Ethylbenzene	20.8		1.0	0.30
75-09-2	Methylene Chloride	19.8		1.0	0.32
100-42-5	Styrene	21.1		1.0	0.42
127-18-4	Tetrachloroethene	20.9		1.0	0.25
108-88-3	Toluene	20.1		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	18.7		1.0	0.22
79-01-6	Trichloroethene	20.3		1.0	0.31
75-01-4	Vinyl chloride	21.2		1.0	0.17
1330-20-7	Xylenes, Total	40.0		2.0	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-727063/4

Matrix: Water Lab File ID: O63767.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2020 21:48

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.: 727063 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		75-123
460-00-4	Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63767.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 26-Sep-2020 21:48:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS12

Method: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\8260W_12.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 27-Sep-2020 01:45:01 Calib Date: 21-Sep-2020 12:04:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS12\20200921-117085.b\O63476.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1015

First Level Reviewer: boykink Date: 27-Sep-2020 01:46:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Dichlorodifluoromethane	85	0.921	0.921	0.000	99	55566	20.0	17.8	
6 Chloromethane	50	1.057	1.057	0.000	99	60401	20.0	20.4	
7 Vinyl chloride	62	1.078	1.078	0.000	97	61721	20.0	21.2	
8 Butadiene	54	1.100	1.093	0.007	96	57288	20.0	22.1	
9 Bromomethane	94	1.257	1.257	0.000	98	25809	20.0	17.5	
10 Chloroethane	64	1.314	1.314	0.000	99	33215	20.0	21.2	
11 Dichlorofluoromethane	67	1.429	1.429	0.000	99	75323	20.0	20.8	
12 Trichlorofluoromethane	101	1.457	1.457	0.000	98	61685	20.0	22.1	
13 Pentane	72	1.507	1.507	0.000	97	15278	40.0	39.7	
14 Ethanol	46	1.564	1.565	-0.001	99	7833	800.0	761.6	
15 Ethyl ether	59	1.629	1.622	0.007	96	34392	20.0	19.0	
17 2-Methyl-1,3-butadiene	53	1.643	1.636	0.007	96	40000	20.0	20.7	
19 Acrolein	56	1.693	1.693	0.000	67	1187	40.0	27.9	
20 1,1-Dichloroethene	96	1.758	1.758	0.000	98	38624	20.0	20.2	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.765	1.765	0.000	98	39494	20.0	20.2	
22 Acetone	58	1.786	1.786	0.000	87	13076	100.0	91.8	
23 Iodomethane	127	1.850	1.851	-0.001	97	13654	20.0	13.7	
24 Isopropyl alcohol	45	1.879	1.879	0.000	99	17488	200.0	166.3	
25 Carbon disulfide	76	1.886	1.886	0.000	99	139177	20.0	22.0	
27 Acetonitrile	38	1.979	1.979	0.000	79	12733	200.0	188.7	
26 3-Chloro-1-propene	76	1.979	1.979	0.000	94	28117	20.0	10.3	
28 Methyl acetate	74	1.993	1.994	-0.001	99	10956	40.0	36.4	
29 Cyclopentene	67	2.036	2.036	0.000	95	106219	20.0	19.4	
30 Methylene Chloride	84	2.058	2.058	0.000	90	46710	20.0	19.8	
* 31 TBA-d9 (IS)	65	2.086	2.079	0.007	100	171512	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.137	2.137	-0.001	99	32930	200.0	177.9	
33 Acrylonitrile	53	2.215	2.215	0.000	95	110901	200.0	170.6	
34 trans-1,2-Dichloroethene	96	2.244	2.244	0.000	94	43751	20.0	20.5	
35 Methyl tert-butyl ether	73	2.251	2.251	0.000	98	117227	20.0	19.2	
36 Hexane	57	2.444	2.444	0.000	93	66777	20.0	20.1	
37 1,1-Dichloroethane	63	2.537	2.530	0.007	99	77557	20.0	19.3	
38 Vinyl acetate	86	2.580	2.580	0.000	100	17457	40.0	41.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Isopropyl ether	45	2.601	2.601	0.000	89	142092	20.0	19.2	
40 2-Chloro-1,3-butadiene	88	2.608	2.608	0.000	89	43775	20.0	20.5	
41 Tert-butyl ethyl ether	59	2.880	2.880	0.000	89	134850	20.0	18.6	
* 42 2-Butanone-d5	46	2.944	2.945	-0.001	99	206894	250.0	250.0	
44 cis-1,2-Dichloroethene	96	2.980	2.973	0.007	94	47163	20.0	20.0	
43 2,2-Dichloropropane	97	2.980	2.973	0.007	73	14535	20.0	20.1	
45 2-Butanone (MEK)	72	2.995	2.995	0.000	99	21202	100.0	98.8	
46 Propionitrile	52	3.030	3.030	0.000	98	8701	200.0	191.9	
47 Ethyl acetate	70	3.059	3.052	0.007	100	8351	40.0	39.2	
48 Methyl acrylate	55	3.080	3.080	0.000	100	35687	20.0	17.7	
49 Methacrylonitrile	67	3.159	3.159	0.000	91	158491	200.0	189.8	
50 Chlorobromomethane	128	3.166	3.166	0.000	88	21636	20.0	20.1	
51 Tetrahydrofuran	42	3.216	3.216	0.000	83	21067	40.0	37.4	
52 Chloroform	83	3.245	3.245	0.000	100	69017	20.0	19.4	
$ 53 Dibromofluoromethane (Surr)	113	3.381	3.381	0.000	97	110814	50.0	52.2	
54 1,1,1-Trichloroethane	97	3.395	3.402	-0.007	98	57459	20.0	19.2	
55 Cyclohexane	84	3.452	3.452	0.000	90	66760	20.0	19.9	
56 Carbon tetrachloride	117	3.545	3.545	0.000	73	45173	20.0	19.5	
57 1,1-Dichloropropene	75	3.545	3.545	0.000	96	59806	20.0	19.6	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.674	3.674	0.000	0	117695	50.0	49.2	
59 Isobutyl alcohol	43	3.688	3.688	0.000	91	39056	500.0	467.2	
60 Benzene	78	3.731	3.731	0.000	95	178480	20.0	19.9	
61 1,2-Dichloroethane	62	3.745	3.745	0.000	96	48599	20.0	18.2	
62 Isooctane	57	3.831	3.831	0.000	96	128882	20.0	19.8	
63 Isopropyl acetate	61	3.838	3.838	0.000	98	15200	20.0	18.2	
64 Tert-amyl methyl ether	73	3.860	3.860	0.000	94	122644	20.0	19.2	
* 65 Fluorobenzene	96	4.003	4.003	0.000	99	459160	50.0	50.0	
66 n-Heptane	43	4.024	4.024	0.000	92	54488	20.0	19.5	
67 n-Butanol	56	4.353	4.360	-0.007	87	27329	500.0	485.9	
68 Trichloroethene	95	4.375	4.375	0.000	98	45486	20.0	20.3	
69 Ethyl acrylate	55	4.525	4.525	0.000	99	48897	20.0	17.2	
70 Methylcyclohexane	83	4.575	4.575	0.000	96	80385	20.0	20.5	
71 1,2-Dichloropropane	63	4.596	4.596	0.000	94	47664	20.0	19.7	
* 72 1,4-Dioxane-d8	96	4.711	4.711	0.000	0	24259	1000.0	1000.0	
73 Dibromomethane	93	4.718	4.718	0.000	98	24427	20.0	19.1	
74 1,4-Dioxane	88	4.768	4.768	0.000	31	10282	400.0	389.7	
75 Methyl methacrylate	100	4.775	4.775	0.000	90	24469	40.0	38.8	
76 n-Propyl acetate	43	4.861	4.861	0.000	98	55103	20.0	17.5	
77 Dichlorobromomethane	83	4.911	4.911	0.000	99	53518	20.0	19.5	
78 2-Nitropropane	41	5.175	5.175	0.000	98	12283	40.0	31.3	
79 2-Chloroethyl vinyl ether	63	5.297	5.297	0.000	96	26474	20.0	19.2	
80 Epichlorohydrin	57	5.340	5.340	0.000	99	77766	400.0	399.2	
81 cis-1,3-Dichloropropene	75	5.440	5.440	0.000	91	75154	20.0	19.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.662	5.662	0.000	95	185321	100.0	98.6	
$ 83 Toluene-d8 (Surr)	98	5.762	5.762	0.000	100	489694	50.0	52.6	
84 Toluene	91	5.847	5.848	-0.001	93	195677	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.155	6.155	0.000	97	63774	20.0	18.7	
86 Ethyl methacrylate	69	6.334	6.334	0.000	90	57220	20.0	19.1	
87 1,1,2-Trichloroethane	83	6.377	6.377	0.000	94	33581	20.0	19.7	
88 Tetrachloroethene	166	6.548	6.548	0.000	96	47393	20.0	20.9	
89 1,3-Dichloropropane	76	6.591	6.591	0.000	92	71229	20.0	19.7	
90 2-Hexanone	43	6.770	6.770	0.000	94	127924	100.0	98.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
91 Chlorodibromomethane	129	6.884	6.884	0.000	98	38151	20.0	19.4	
92 n-Butyl acetate	43	6.999	6.999	0.000	98	61873	20.0	18.0	
93 Ethylene Dibromide	107	7.013	7.013	0.000	100	39963	20.0	19.5	
* 94 Chlorobenzene-d5	117	7.699	7.699	0.000	85	377415	50.0	50.0	
95 Chlorobenzene	112	7.742	7.742	0.000	96	131452	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	7.885	7.885	0.000	95	41423	20.0	20.6	
97 Ethylbenzene	106	7.950	7.950	0.000	98	71177	20.0	20.8	
98 m-Xylene & p-Xylene	106	8.143	8.136	0.007	100	86900	20.0	19.9	
99 o-Xylene	106	8.729	8.729	0.000	94	87923	20.0	20.1	
100 Styrene	104	8.758	8.758	0.000	96	149682	20.0	21.1	
101 n-Butyl acrylate	73	8.815	8.815	0.000	98	32911	20.0	19.6	
102 Bromoform	173	8.979	8.979	0.000	96	22844	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	9.208	9.208	0.000	92	74799	20.0	18.9	
104 Isopropylbenzene	105	9.337	9.337	0.000	95	224101	20.0	20.5	
$ 105 4-Bromofluorobenzene	174	9.544	9.544	0.000	89	149831	50.0	52.9	
106 Bromobenzene	156	9.730	9.730	0.000	99	54438	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	9.844	9.845	0.000	98	52507	20.0	20.0	
108 1,2,3-Trichloropropane	110	9.866	9.866	0.000	98	14872	20.0	20.8	
109 trans-1,4-Dichloro-2-butene	53	9.945	9.945	0.000	92	11706	20.0	16.6	
110 N-Propylbenzene	91	10.009	10.009	0.000	99	240487	20.0	19.9	
111 2-Chlorotoluene	91	10.088	10.088	0.000	97	152159	20.0	20.4	
112 4-Ethyltoluene	105	10.209	10.209	0.000	99	194916	20.0	19.4	
113 4-Chlorotoluene	91	10.273	10.274	-0.001	96	154103	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	10.331	10.331	0.000	93	146906	20.0	19.1	
115 Butyl Methacrylate	87	10.610	10.610	0.000	89	56852	20.0	18.5	
116 tert-Butylbenzene	119	10.845	10.846	-0.001	95	147792	20.0	19.5	
117 1,2,4-Trimethylbenzene	105	10.931	10.938	-0.007	97	140414	20.0	18.3	
118 sec-Butylbenzene	105	11.217	11.217	0.000	99	212009	20.0	19.5	
119 1,3-Dichlorobenzene	146	11.303	11.303	0.000	96	100578	20.0	20.6	
* 120 1,4-Dichlorobenzene-d4	152	11.410	11.410	0.000	95	181306	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.446	11.446	0.000	96	94821	20.0	20.0	
122 4-Isopropyltoluene	119	11.460	11.460	0.000	98	154872	20.0	18.5	
123 1,2,3-Trimethylbenzene	105	11.561	11.561	-0.001	98	132798	20.0	17.7	
124 Benzyl chloride	126	11.661	11.661	0.000	99	17468	20.0	18.5	
125 2,3-Dihydroindene	117	11.789	11.789	0.000	95	176299	20.0	20.2	
126 1,2-Dichlorobenzene	146	11.925	11.925	0.000	96	93864	20.0	20.1	
127 p-Diethylbenzene	119	11.975	11.975	0.000	94	77925	20.0	18.4	
128 n-Butylbenzene	92	12.004	12.004	0.000	98	68990	20.0	18.0	
129 1,2-Dibromo-3-Chloropropane	157	12.812	12.812	0.000	96	10157	20.0	19.4	
130 1,2,4,5-Tetramethylbenzene	119	12.833	12.833	0.000	97	135008	20.0	29.8	
131 1,3,5-Trichlorobenzene	180	13.026	13.026	0.000	98	52010	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	13.591	13.591	0.000	94	46979	20.0	21.0	
133 Hexachlorobutadiene	225	13.770	13.770	0.000	94	23581	20.0	20.9	
134 Naphthalene	128	13.791	13.791	0.000	99	112261	20.0	28.5	
135 1,2,3-Trichlorobenzene	180	13.999	13.999	0.000	95	41863	20.0	22.0	
S 137 1,2-Dichloroethene, Total	100				0		40.0	40.5	
S 138 Xylenes, Total	100				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	100.8	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00112	Amount Added:	4.00	Units: uL	
GASES Li_00387	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
8260ISNEW_00139	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00212	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 27-Sep-2020 01:46:17 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS12\20200926-117416.b\O63767.D

Injection Date: 26-Sep-2020 21:48:30 Instrument ID: CVOAMS12 Operator ID:

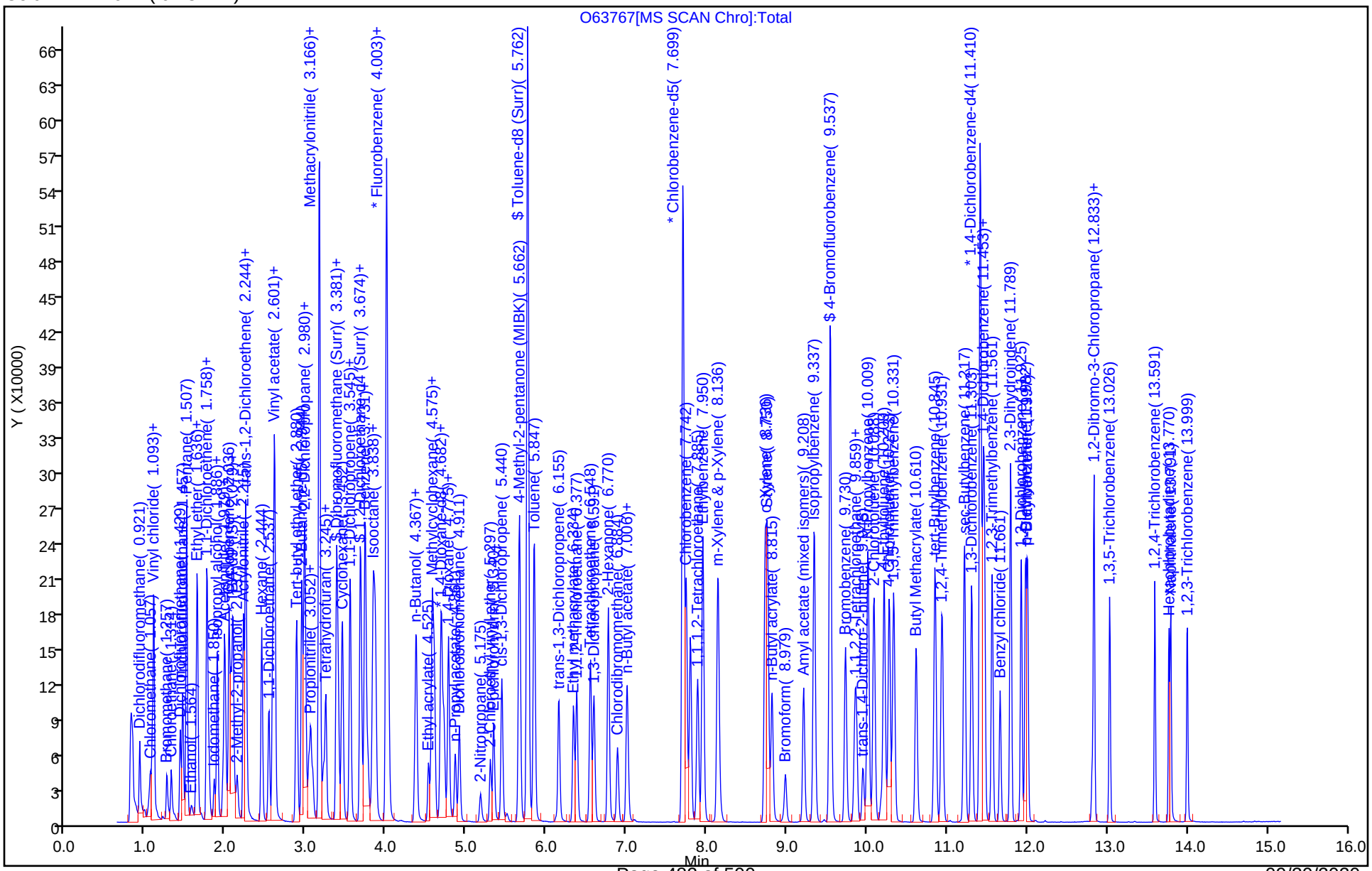
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_12 Limit Group: VOA - 8260C Water and Solid

Column: DB-624 (0.18 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/21/2020 05:21

Analysis Batch Number: 725517 End Date: 09/21/2020 14:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-725517/1		09/21/2020 05:21	1	O63460.D	DB-624 0.18(mm)
STD7 460-725517/3 IC		09/21/2020 06:14	1	O63462.D	DB-624 0.18(mm)
STD1 460-725517/5 IC		09/21/2020 07:04	1	O63464.D	DB-624 0.18(mm)
STD5 460-725517/6 IC		09/21/2020 07:29	1	O63465.D	DB-624 0.18(mm)
STD20 460-725517/7 ICIS		09/21/2020 07:54	1	O63466.D	DB-624 0.18(mm)
STD50 460-725517/15 IC		09/21/2020 11:14	1	O63474.D	DB-624 0.18(mm)
STD200 460-725517/16 IC		09/21/2020 11:39	1	O63475.D	DB-624 0.18(mm)
STD500 460-725517/17 IC		09/21/2020 12:04	1	O63476.D	DB-624 0.18(mm)
ICV 460-725517/23		09/21/2020 14:35	1	O63482.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Instrument ID: CVOAMS12 Start Date: 09/26/2020 20:40

Analysis Batch Number: 727063 End Date: 09/27/2020 07:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-727063/1		09/26/2020 20:40	1	O63764.D	DB-624 0.18(mm)
CCVIS 460-727063/2		09/26/2020 20:58	1	O63765.D	DB-624 0.18(mm)
LCS 460-727063/3		09/26/2020 21:23	1	O63766.D	DB-624 0.18(mm)
LCSD 460-727063/4		09/26/2020 21:48	1	O63767.D	DB-624 0.18(mm)
MB 460-727063/9		09/27/2020 00:01	1	O63772.D	DB-624 0.18(mm)
460-218658-1	TB	09/27/2020 00:26	1	O63773.D	DB-624 0.18(mm)
460-218658-2	FB	09/27/2020 00:51	1	O63774.D	DB-624 0.18(mm)
460-218658-3	MW-24	09/27/2020 01:16	1	O63775.D	DB-624 0.18(mm)
460-218658-4	MW-43	09/27/2020 01:41	1	O63776.D	DB-624 0.18(mm)
ZZZZZ		09/27/2020 02:06	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 02:31	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 02:56	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 03:21	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 03:46	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 04:11	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 04:36	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 05:02	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 05:27	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 05:52	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 06:17	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 06:42	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 07:07	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 07:32	1		DB-624 0.18(mm)
ZZZZZ		09/27/2020 07:57	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/04/2020 13:21

Analysis Batch Number: 721970 End Date: 09/04/2020 20:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-721970/1		09/04/2020 13:21	1	P79350.D	Rtx-624 0.25(mm)
STD8 460-721970/3 IC		09/04/2020 14:09	1	P79352.D	Rtx-624 0.25(mm)
STD1 460-721970/4 IC		09/04/2020 14:57	1	P79354.D	Rtx-624 0.25(mm)
STD5 460-721970/5 IC		09/04/2020 15:21	1	P79355.D	Rtx-624 0.25(mm)
STD20 460-721970/6 ICIS		09/04/2020 15:45	1	P79356.D	Rtx-624 0.25(mm)
STD50 460-721970/7 IC		09/04/2020 16:09	1	P79357.D	Rtx-624 0.25(mm)
STD200 460-721970/8 IC		09/04/2020 16:33	1	P79358.D	Rtx-624 0.25(mm)
STD500 460-721970/9 IC		09/04/2020 16:58	1	P79359.D	Rtx-624 0.25(mm)
ICV 460-721970/18		09/04/2020 20:34	1	P79368.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/25/2020 09:20

Analysis Batch Number: 726662 End Date: 09/25/2020 19:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-726662/1		09/25/2020 09:20	1	P80219.D	Rtx-624 0.25(mm)
CCVIS 460-726662/3		09/25/2020 10:05	1	P80221.D	Rtx-624 0.25(mm)
LCS 460-726662/4		09/25/2020 10:36	1	P80222.D	Rtx-624 0.25(mm)
LCSD 460-726662/5		09/25/2020 11:00	1	P80223.D	Rtx-624 0.25(mm)
MB 460-726662/9		09/25/2020 12:34	1	P80227.D	Rtx-624 0.25(mm)
ZZZZZ		09/25/2020 12:58	1		Rtx-624 0.25(mm)
ZZZZZ		09/25/2020 13:45	5		Rtx-624 0.25(mm)
ZZZZZ		09/25/2020 14:09	10		Rtx-624 0.25(mm)
ZZZZZ		09/25/2020 14:56	10		Rtx-624 0.25(mm)
ZZZZZ		09/25/2020 15:19	10		Rtx-624 0.25(mm)
460-218658-5	PZ-23	09/25/2020 18:04	1	P80241.D	Rtx-624 0.25(mm)
460-218658-6	MW-36	09/25/2020 18:27	1	P80242.D	Rtx-624 0.25(mm)
460-218658-7	MW-31	09/25/2020 18:50	1	P80243.D	Rtx-624 0.25(mm)
460-218658-8	MW-71	09/25/2020 19:14	1	P80244.D	Rtx-624 0.25(mm)
460-218658-9	MW-54	09/25/2020 19:37	1	P80245.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 721970 Batch Start Date: 09/04/20 13:21 Batch Analyst: Starzec, Margaret

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00118	524freon 00027	8260 SP 00129	8260ISNEW 00129
BFB 460-721970/1		8260C		5 mL	5 mL				
STD8 460-721970/3 IC		8260C		5 mL	5 mL				1 uL
STD1 460-721970/4 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-721970/5 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-721970/6 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-721970/7 IC		8260C		5 mL	5 mL		50 uL		1 uL
STD200 460-721970/8 IC		8260C		5 mL	5 mL				1 uL
STD500 460-721970/9 IC		8260C		5 mL	5 mL				1 uL
ICV 460-721970/18		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00125	8260SURR250 00212	8FreonHi 00023	8FreonsSS 00023	ACROLEIN SP 00116	ACROLEIN W 00112
BFB 460-721970/1		8260C							
STD8 460-721970/3 IC		8260C			1 uL				
STD1 460-721970/4 IC		8260C		10 uL	1 uL				4 uL
STD5 460-721970/5 IC		8260C		10 uL	1 uL				4 uL
STD20 460-721970/6 ICIS		8260C		20 uL	1 uL				4 uL
STD50 460-721970/7 IC		8260C		50 uL	1 uL				10 uL
STD200 460-721970/8 IC		8260C			1 uL	20 uL			20 uL
STD500 460-721970/9 IC		8260C			1 uL	50 uL			40 uL
ICV 460-721970/18		8260C			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 721970 Batch Start Date: 09/04/20 13:21 Batch Analyst: Starzec, Margaret

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00077	BFB 00026	Ethanol mix 00043	GAS C SP 00372	GAS Hi 00370	GASES Li 00384
BFB 460-721970/1		8260C			1 uL				
STD8 460-721970/3 IC		8260C		20 uL					2.5 uL
STD1 460-721970/4 IC		8260C							10 uL
STD5 460-721970/5 IC		8260C							10 uL
STD20 460-721970/6 ICIS		8260C							20 uL
STD50 460-721970/7 IC		8260C							50 uL
STD200 460-721970/8 IC		8260C				20 uL		20 uL	
STD500 460-721970/9 IC		8260C				50 uL		50 uL	
ICV 460-721970/18		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00102	MIX I Hi 00129				
BFB 460-721970/1		8260C							
STD8 460-721970/3 IC		8260C							
STD1 460-721970/4 IC		8260C							
STD5 460-721970/5 IC		8260C							
STD20 460-721970/6 ICIS		8260C							
STD50 460-721970/7 IC		8260C							
STD200 460-721970/8 IC		8260C		20 uL	20 uL				
STD500 460-721970/9 IC		8260C		50 uL	50 uL				
ICV 460-721970/18		8260C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 721970 Batch Start Date: 09/04/20 13:21 Batch Analyst: Starzec, Margaret

Batch Method: 8260C Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 725517 Batch Start Date: 09/21/20 05:21 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00119	524freon 00027	8260 SP 00129	8260ISNEW 00139
BFB 460-725517/1		8260C		5 mL	5				
STD7 460-725517/3 IC		8260C		5 mL	5 mL				1 uL
STD1 460-725517/5 IC		8260C		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-725517/6 IC		8260C		5 mL	5 mL		10 uL		1 uL
STD20 460-725517/7 ICIS		8260C		5 mL	5 mL		20 uL		1 uL
STD50 460-725517/15 IC		8260C		5 mL	5 mL				1 uL
STD200 460-725517/16 IC		8260C		5 mL	5 mL				1 uL
STD500 460-725517/17 IC		8260C		5 mL	5 mL				1 uL
ICV 460-725517/23		8260C		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00125	8260SURR250 00212	8FreonHi 00023	8FreonsSS 00024	ACROLEIN SP 00116	ACROLEIN W 00112
BFB 460-725517/1		8260C							
STD7 460-725517/3 IC		8260C			1 uL				
STD1 460-725517/5 IC		8260C		10 uL	1 uL				4 uL
STD5 460-725517/6 IC		8260C		10 uL	1 uL				4 uL
STD20 460-725517/7 ICIS		8260C		20 uL	1 uL				4 uL
STD50 460-725517/15 IC		8260C			1 uL	5 uL			10 uL
STD200 460-725517/16 IC		8260C			1 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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 725517 Batch Start Date: 09/21/20 05:21 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00125	8260SURR250 00212	8FreonHi 00023	8FreonsSS 00024	ACROLEIN SP 00116	ACROLEIN W 00112
STD500 460-725517/17 IC		8260C			1 uL	50 uL			40 uL
ICV 460-725517/23		8260C			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00077	BFB 00026	Ethanol mix 00044	GAS C SP 00374	GAS Hi 00371	GASES Li 00386
BFB 460-725517/1		8260C			1 uL				
STD7 460-725517/3 IC		8260C		20 uL					2.5 uL
STD1 460-725517/5 IC		8260C							10 uL
STD5 460-725517/6 IC		8260C							10 uL
STD20 460-725517/7 ICIS		8260C							20 uL
STD50 460-725517/15 IC		8260C				5 uL		5 uL	
STD200 460-725517/16 IC		8260C				20 uL		20 uL	
STD500 460-725517/17 IC		8260C				50 uL		50 uL	
ICV 460-725517/23		8260C					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00102	MIX I Hi 00129				
BFB 460-725517/1		8260C							
STD7 460-725517/3 IC		8260C							
STD1 460-725517/5 IC		8260C							
STD5 460-725517/6 IC		8260C							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 725517 Batch Start Date: 09/21/20 05:21 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00102	MIX I Hi 00129				
STD20 460-725517/7 ICIS		8260C							
STD50 460-725517/15 IC		8260C		5 uL	5 uL				
STD200 460-725517/16 IC		8260C		20 uL	20 uL				
STD500 460-725517/17 IC		8260C		50 uL	50 uL				
ICV 460-725517/23		8260C							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 726662 Batch Start Date: 09/25/20 09:20 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00129	8260MIX1COMB 00125	8260SURR250 00212
BFB 460-726662/1		8260C		5 mL	5 mL				
CCVIS 460-726662/3		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-726662/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCSD 460-726662/5		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-726662/9		8260C		5 mL	5 mL		1 uL		1 uL
460-218658-B-5	PZ-23	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-B-6	MW-36	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-B-7	MW-31	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-B-8	MW-71	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-B-9	MW-54	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00112	BFB 00026	GASES Li 00387			
BFB 460-726662/1		8260C			1 uL				
CCVIS 460-726662/3		8260C		4 uL		20 uL			
LCS 460-726662/4		8260C		4 uL		20 uL			
LCSD 460-726662/5		8260C		4 uL		20 uL			
MB 460-726662/9		8260C							
460-218658-B-5	PZ-23	8260C	T						
460-218658-B-6	MW-36	8260C	T						
460-218658-B-7	MW-31	8260C	T						
460-218658-B-8	MW-71	8260C	T						
460-218658-B-9	MW-54	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 726662 Batch Start Date: 09/25/20 09:20 Batch Analyst: Moroney, Christopher J

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 727063 Batch Start Date: 09/26/20 20:40 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	8260ISNEW 00139	8260MIX1COMB 00125	8260SURR250 00212
BFB 460-727063/1		8260C		5 mL	5				
CCVIS 460-727063/2		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCS 460-727063/3		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
LCSD 460-727063/4		8260C		5 mL	5 mL		1 uL	20 uL	1 uL
MB 460-727063/9		8260C		5 mL	5 mL		1 uL		1 uL
460-218658-A-1	TB	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-A-2	FB	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-A-3	MW-24	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL
460-218658-C-4	MW-43	8260C	T	5 mL	5 mL	<2 SU	1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00112	BFB 00026	GASES Li 00387			
BFB 460-727063/1		8260C			1 uL				
CCVIS 460-727063/2		8260C		4 uL		20 uL			
LCS 460-727063/3		8260C		4 uL		20 uL			
LCSD 460-727063/4		8260C		4 uL		20 uL			
MB 460-727063/9		8260C							
460-218658-A-1	TB	8260C	T						
460-218658-A-2	FB	8260C	T						
460-218658-A-3	MW-24	8260C	T						
460-218658-C-4	MW-43	8260C	T						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-218658-1

SDG No.:

Batch Number: 727063 Batch Start Date: 09/26/20 20:40 Batch Analyst: Boykin, Kenneth

Batch Method: 8260C Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 470483

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☒ Other: NYSDEC

TAL-8210

Client Contact	Project Manager: Bruce Mangeniello	Site Contact:	Date: 9/18/2020	COC No:
Company Name: ECM, Inc	Tel/Email: bm-ecm@att.net	Lab Contact: Grace C.	Carrier:	1 of 1 COCs
Address: 319, Rt 206	Analysis Turnaround Time			Sampler: HW
City/State/Zip: Hillsborough, NJ 08844	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 908-874-0920	TAT if different from Below _____			Walk-in Client:
Fax: 908-874-0920	☒ 2 weeks			Lab Sampling:
Project Name: 1192- AGWM 9/2020	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.: 218658
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	NYSDEC TCL VOC +15 with Search for MIBK	1,4-dioxane	Sample Specific Notes:
TB	9/17/20	—	G	Aq	2	N	N	X	X	1
FB	9/18/20	0931								2
MW-24		0935		GW	3					3
MW-43		1015								4
PZ-23		1053								5
MW-36		1137								6
MW-31		1203								7
MW-71		1240								8
MW-54		1307								9

460-218658 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____ 2 2

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A … er than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: ECM, Inc	Date/Time: 9/18/20 1446	Received by:	Company: FED	Date/Time: 9/18/20 1446
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

5.3°C IR1

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 218658

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.3 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

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:** 9/18/20

Login Sample Receipt Checklist

Client: ECM, Inc.

Job Number: 460-218658-1

Login Number: 218658
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	